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Methodology - Redistricting Criteria

Special Masters

Please use the bookmarks to navigate within a topic.

Muriel Pitney

From: Ken Chasin <kenchasin1@gmail.com>
Sent: Tuesday, November 2, 2021 1:26 PM
To: Internet Scclerksoffice
Subject: Redistricting; VA-5 Congressional District

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

SUBJECT: Need to Redraw Virginia 5th Congressional District Map

My name is Ken Chasin and I reside in Albemarle County which is located in Virginia's 5th Congressional District.

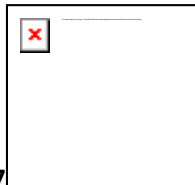
I am requesting that the election map for Virginia's fifth congressional district be redrawn because the district has been severely gerrymandered and has resulted in the following situation:

1. The district is Virginia's largest U.S. congressional district with an area of **10,000 plus square miles** and is larger in area than six US states (Vermont, New Jersey, Rhode Island, Connecticut, Delaware, and New Hampshire).
2. The 5th District contains counties located in the Piedmont and Blue Ridge Region stretching vertically across the state from the Virginia-North Carolina Border going 250 miles up to in Northern Virginia, 40 miles southwest of Washington DC.
3. As of 2019, the population of the district was approximately 736,00 residents which equates to just 72 residents per square mile.
4. The district is approximately **2/3 rural and 1/3 urban** which tilts the playing field in favor of Republicans as rural voters almost invariably vote Republican.
5. Since 2008, only one Democrat has won this congressional seat (Tom Perriello).

In conclusion, the Virginia 5th congressional district must and needs to be redrawn to reduce its square miles, have a more equitable voter distribution among rural and urban voters and make the district more competitive as regards elections.

--

Ken Chasin



Mobile Phone: 508-246-6887

Muriel Pitney

From: BILL HAFKER <hafbrau1@aol.com>
Sent: Tuesday, November 2, 2021 12:24 PM
To: Internet Scclerksoffice
Cc: Jim LeMunyon
Subject: Comment to Supreme Court concerning its development of VA Redistricting Plan

EXTERNAL EMAIL

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Muriel-Theresa Pitney
Clerk, Supreme Court of Virginia

It is a sad comment on the behavior of our legislators that they can not bring themselves to respect the will of the electorate, and deliver a bipartisan and nonpartisan redistricting plan for the Commonwealth of Virginia. I am hopeful that our State Judiciary Branch, to whom this responsibility was entrusted in anticipation of just such a failure of the Commission, can step in and deliver a credible proposal.

I fully support the very reasonable, logical, and defensible methodology proposed by former State Delegate Jim LeMunyon in his letter to the Clerk of the Supreme Court, dated 11/1/2021. I hope that you will use it, or something very similar, to produce a nonpartisan and transparent redistricting plan that is responsive to the will of Virginia's voters, rather than one that operates in service of political parties and politicians.

Sincerely
Bill Hafker
12192 Brecknock St
Oakton, VA 22124

Sent from my iPad

November 1, 2021

Muriel-Theresa Pitney
Clerk, Supreme Court of Virginia
100 North 9th Street, Fifth Floor
Richmond, Virginia 23219

Dear Ms. Pitney:

The following comments are respectfully submitted according to Rule 4(a) of the Court's rules of February 23, 2021, related to redistricting. These comments make recommendations regarding a process that could be following in defining maps for the House of Delegates, Virginia Senate, and congressional districts, with particular emphasis on the criteria of communities of interest and compactness. These comments are submitted without partisan motivation. In addition to accepting written comments, I hope public hearings would be held according to Rule 4(b).

Use existing locality boundaries to define legislative districts and complete the process with House of Delegates districts before considering state Senate or congressional districts. Doing so would help meet the "communities of interest" and "compactness" tests. It should be noted the principles underlying these tests include the practical effect of making the day-to-day operation of government more efficient, especially in the administration of voting and elections. The number of different combinations of candidates on ballots is reduced, unnecessarily small "orphan" precincts are reduced, and local governments, school boards, and civic organizations would be better aligned with the state legislators who represent them.

In the case of localities in which the population approximates 1/100 of Virginia's population (86,313, or the "target population"), the House districts should be drawn to the locality lines as much as possible, so the locality has a single House member.

In the case of localities that are smaller than the target population, House district lines should circumscribe whole adjacent localities to bring the total population as close as possible to the target population and with a portion of an adjacent locality added only to the extent necessary to meet the population target. In doing so, the principle of "communities of interest" should be extended to include regions of interest. As a hypothetical example, in defining a House district in Shenandoah Valley, such district should include Valley localities rather than drawing House district lines eastward across the Blue Ridge to include the Piedmont Region.

In the case of localities that are larger than the target population, the number of House districts in such localities should be maximized to minimize the number of House districts that cross the locality's boundary, which would help ensure compactness. For example, Fairfax County, which surrounds the entirety of Fairfax City, has a combined population with Fairfax City of 1,174,455. Thirteen (plus a fraction) House districts would "fit" into Fairfax County and City. This should be goal of drawing lines, with one House district including the entirety of Fairfax City plus adjacent areas of Fairfax County, with a fourteenth district straddling the Fairfax County boundary with an adjacent jurisdiction.

Muriel-Theresa Pitney

November 1, 2021

page two

Consistent with "communities of interest" principle, House districts should be drawn to encompass entire towns within a particular county, and common interest communities as defined in the Code of Virginia. Some common interest communities are quite large, such as Reston, South Riding, Ashburn, Brambleton among many others in Northern Virginia and elsewhere.

In addition, consideration should be given to defining "communities of interest" in large localities according to public high school attendance areas. High school education and extra-curricular activities, and that of their "feeder" elementary and middle schools, define as a practical matter much of what is considered "community." Encompassing these types of communities in single House districts would also contribute to the efficient operation of government as noted above.

In taking these considerations into account, one test of compactness that could be applied is the measure of the ratio of the physical area of a district to the length of its boundary. The larger this ratio, the more compact the district and vice versa. Once an initial map of House districts is defined, the additional tests to comply with racial, language, and other federal and state laws should be applied, and adjustments made accordingly.

In considering state Senate districts, I suggest the process borrow from Wisconsin. Wisconsin has 99 House districts and 33 Senate districts. Each Senate district is defined to encompass exactly three House districts. In Virginia, with 40 Senate districts and 100 House districts, application of the Wisconsin rule would define Virginia's Senate seats as encompassing the entirety of two House districts plus half of another. This would also further the efficient operation of government for the reasons stated above, and contribute to more effective governing, as 80 of the 100 House members would be paired with a single Senator in terms of constituency, with 20 House members paired with two Senators.

In taking this approach, defining Senate districts could be done more easily than "starting from scratch," since Senate districts would substantially meet the criteria of compactness, encompass communities of interest, and meet the other legal requirements because they would be based on the House districts defined to meet these requirements. In larger jurisdictions with populations at or greater than a target Senate district (215,785) one or more entire Senate districts should be defined within the boundaries of the locality while minimizing the crossing of locality lines.

For these same reasons, a similar approach could be taken to defining congressional districts.

Virginia's 11 congressional districts could be drawn so each encompasses the entirety of nine House districts and three Senate districts plus fractions of a tenth House and fourth Senate district, while applying the "regions of interest" principle.

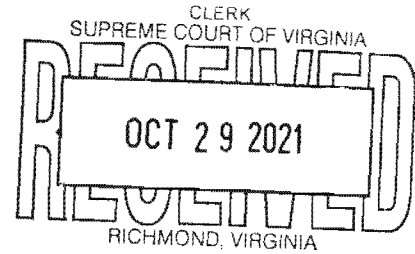
Thank you for the opportunity to submit comments.

Sincerely,

A handwritten signature in blue ink, appearing to read "James M. LeMunyon", with a stylized flourish at the end.

James M. LeMunyon
3296 Willow Glen Drive
Oak Hill, Virginia 20171

3965 Mountain Valley Road
Keezletown, Virginia 22832
26 October 2021



The Honorable William C. Mims, Justice
Supreme Court of Virginia
P.O. Box 1315
100 North Ninth Street
Richmond, Virginia 23218-1315

Dear Justice Mims:

As a resident of Rockingham County, Virginia, I am writing to you regarding the Court's role in the redrawing of Virginia's State Senate, State House, and, presumably, Congressional districts. I have three comments:

The first has to do with the confusion surrounding how we identify our districts. Virginia is divided into 11 Congressional Districts, 40 Senate Districts, and 100 House Districts. Each set of districts is identified numerically starting with the number one. This results in multiple districts with the same name. There are 3 districts for each number 1-11. Likewise, there are 2 districts for each number 12-40.

When a district is referred to by number only, which often occurs, it hard to know if it is a Congressional, Senate, or House district that is being referenced. It has also resulted in the unfortunate situation experienced by some in Rockingham County that they vote in two different districts #26: House District #26 and Senate District #26.

One very simple solution would be to leave the Congressional districts as they are and rename the State districts as follows:

State Senate Districts would be numbered 100-139; and
State House Districts would become districts 200-299.

Not only would this system give every district a different name, it would immediately identify the districts as Congressional, Senate, or House, and it would give each category room for expansion. Clarifying our current naming system would be of great service to the Citizens of Virginia, particularly those less engaged in politics.

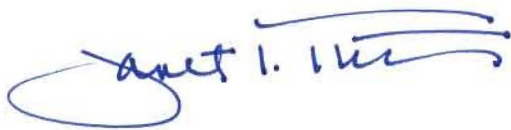
Secondly, as much as we like our neighbors to the East, the mountains that separate Rockingham County from Madison, Greene, and Albemarle counties are a natural boundary that put us in different communities of interest. Several maps considered by the Redistricting Commission as well as current districts, extend over the mountains, which makes no sense. The Shenandoah Valley is distinctly separate from the Piedmont. I urge the Court to respect natural boundaries, especially in the redrawing of House districts.

The Honorable William C. Mims
26 October 2021
page two

Thirdly, Harrisonburg and the surrounding area comprise one community of interest and the rest of the county comprises another. The Harrisonburg area contains two universities, one college, and numerous K-12 schools. There are tech companies, poultry processing plants, and several breweries and wineries as well as the homes of the people who work in these occupations. Included in this community of interest are the incorporated villages of Bridgewater, Dayton, Elkton, Grottoes, and Mount Crawford; the unincorporated villages of Edom, Keezletown, McGaheysville, Montezuma, Mt. Clinton, Ottobine, Port Republic, and Singer's Glen; and the census-designated areas of Belmont Estates, Massanetta Springs, and Massanutten. The remainder of Rockingham County is a rural community of interest that should also be kept together.

Thank you for your time. Please rename House and Senate districts, respect natural boundaries, and recognize the distinct communities of interest of the greater Harrisonburg area and the surrounding rural agricultural area.

Very truly yours,



Janet I. Trettner
(540) 383-5154
jitrettner@comcast.net

cc: The Honorable Donald W. Lemons
The Honorable Cleo E. Powell
The Honorable Teresa M. Chafin
The Honorable LeRoy F. Millette
The Honorable D. Arthur Kelsey
The Honorable Charles S. Russell
The Honorable S. Bernard Goodwyn
The Honorable Stephen R. McCullough
The Honorable Lawrence L. Koontz Jr.

From: [Maureen Brody](#)
To: [Redistricting](#)
Subject: Consider using diocesan boundaries in redistricting
Date: Thursday, November 04, 2021 9:14:12 PM
Attachments: [pastedGraphic.png](#)

EXTERNAL EMAIL

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To whom it may concern—

I saw one of the first redistricting maps that made quite a bit of sense in that it reflected true communities, without ridiculous considerations for race, income etc. The district lines truly represented the communities that exist in Northern Virginia, which would allow pockets of low-income neighborhoods the ability to elect someone from their area and would allow people in other locales to do the same, based on where they shop, worship, play sports, and commute most.

I encourage the committee to look at Catholic diocesan boundaries as part of the redistricting project. These frequently reflect communities in the truest sense, containing no biases regarding race or income but, rather, full integration due to where the people have chosen to live.

Maureen Brody

Maureen Brody
imitatrixmariae@mac.com
202-746-3832



From: [Ken Chasin](#)
To: [Redistricting](#)
Subject: Redistricting: Resources for defining communities of interest
Date: Friday, November 05, 2021 9:42:46 AM
Attachments: [SCOVA Letter Redistricting Resources.pdf](#)

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Attached you will find a one-page .PDF document that outlines my suggestions for possible resources to be used to assist in defining communities of interest and place when redrawing Virginia's election maps.

--

Ken Chasin



Mobile Phone: 508-246-6887

The *Virginia Redistricting Commission* has established that one of the criteria for redrawing any Virginia election map is that the map represents a “*community of interest*” or “*community of place*”. The *National Conference of State Legislatures* (NCSL) has also established this criterion for every state in the United States. Communities of interest share similar historical, cultural, or economic interests. However, they should not be defined by political affiliation.

Possible Resources for Defining Communities of Interest/Place

The Virginia Supreme Court should consider using the following governmental agencies and business organizations for inputs on defining communities of interest and place:

- Local School Boards
- Geographic Information Systems (G.I.S.) departments of the major counties of Virginia
- Virginia Beach Council of Civic Organizations
- Virginia Association of Counties and Regions (**VACo**)
- Real Estate Associations
- Regional Chambers of Commerce
- Civic Organizations (e.g. ; Rotary Clubs)

The Virginia Association of Counties and Regions exists to support county officials and to effectively represent, and promote the interests of counties to better serve the people of Virginia. It currently represents over eighty (80) Virginia counties.

From: [Neal Sumerlin](#)
To: [Redistricting](#)
Subject: Special Masters
Date: Friday, November 05, 2021 2:14:25 PM

EXTERNAL EMAIL

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I have examined the credentials of all six of the nominees submitted by both Democratic and Republican legislators for your consideration. I would strongly recommend that you choose Bernard Grofman and Thomas Bryan. Dr. Grofman is already familiar with Virginia from his earlier work in redrawing racially gerrymandered districts. Mr. Bryan is a Virginia resident, and is at least not the obvious partisan hack that the other two nominees appear to be.

Neal Sumerlin
Lynchburg, VA

From: [Betty Tabony](#)
To: [Redistricting](#)
Subject: Public hearings
Date: Friday, November 05, 2021 3:40:48 PM

EXTERNAL EMAIL

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Dear Sir or Madam:

Please encourage the map-drawers for the Supreme Court of Virginia to hold public hearings of the redistricting map drawing.

Sincerely,
Elizabeth Tabony
Rose Hill Neighborhood
Charlottesville, Virginia

From: [Carla Heath](#)
To: [Redistricting](#)
Subject: Redistricting
Date: Sunday, November 07, 2021 8:46:08 AM

EXTERNAL EMAIL

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To: The Supreme Court of Virginia
Re: Redistricting
Date: November 7, 2021

Your Honors,

In November 2020, Republicans and Democrats alike voted overwhelmingly in favor of the Redistricting amendment because they wanted to take politics out of the redistricting process.

I urge you to instruct the Special Masters to abide by the wishes of the citizens of Virginia and draw maps that meet statutory criteria: equitable in population, compact, contiguous, and with regard to Communities of Interest and **to avoid any considerations of political implications.**

Thank you for the opportunity to express my opinion.

Regards,

Carla W. Heath
Lynchburg

From: [Niro Rasanayagam](#)
To: [Redistricting](#)
Subject: Special Masters
Date: Sunday, November 07, 2021 8:35:10 PM

EXTERNAL EMAIL

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Dear Honorable Members of the Virginia Supreme Court,

I am writing regarding the Special Masters for the Redistricting process. After having researched all six candidates, I strongly urge you to choose Bernard Grofman and Thomas Bryan.

Dr. Grofman has done prior work in Virginia in redrawing previously gerrymandered districts.

Of the three Republican nominees, Mr. Bryan seems the best suited with Virginia credentials. The other two Republicans on the list are extreme partisans with vested interests to Republican party gerrymandering efforts in other states.

As part of this process, I also strongly urge you and the selected Special Masters to carefully review and consider the PUBLIC INPUT that has been given throughout this process (through emails, letters, postcards, and virtual and in-person public hearings). Please remember to keep the City of Lynchburg as ONE community of interest within one State House district, one State Senate district, and ONE Congressional House district when drawing maps.

Sincerely,

Niro Rasanayagam
Lynchburg, VA

From: [Darius Massoudi](#)
To: [Redistricting](#)
Subject: Please Don't Allow Republican Gerrymandering (Comment by Virginian)
Date: Monday, November 08, 2021 8:23:32 PM

EXTERNAL EMAIL

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Clerk of the Supreme Court of Virginia:

I own a home in Reston, Virginia and am a graduate of Oakton High School in our commonwealth. I am imploring this Court to prevent partisan special masters from controlling the redistricting process, regardless of what political party they represent. I am not asking for a Democratic gerrymander, but it is clear that the special masters submitted by the Republican Party of Virginia are all partisans whose main aims would be to gerrymander the commonwealth to favor one political party.

Many throughout the nation have accused this Court have having a preconceived agenda to favor the Republicans Party in this redistricting cycle. This Court has a chance to prove them wrong, and demonstrate that it is committed to the rule of law, not loyalty to a single political party. The Democratic Party of Virginia has made a good faith attempt to recommend nonpartisan academics for their special master slate. However, if they had submitted their own slate of partisan Democrats intent on gerrymandering the commonwealth that would have been unacceptable as well.

Best regards,

Darius Massoudi (1851 Stratford Park PL APT 105; Reston, VA 20190)

From: [Bill Hartley](#)
To: [Redistricting](#)
Subject: southwest Virginia House district for Bristol
Date: Monday, November 08, 2021 11:27:26 PM

EXTERNAL EMAIL

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Honorable members of the Supreme Court,

As a current City Council member and former Mayor of the City of Bristol, I am writing to ask you consider a house district that includes the City of Bristol and Washington and part of Smyth counties in your deliberations. My reason for this is that these localities create a clear community of interest in terms of geography, workforce, and commerce.

The City of Bristol, along with Washington and Smyth counties, is intersected by Interstate 81, which joins these localities together. The localities share a common geography lying primarily in a valley between mountain ranges. As such the localities share a common workforce, as many residents of the City of Bristol work in businesses located in Washington and Smyth counties, and likewise the residents of those counties work and shop in Bristol. Furthermore, Virginia Highlands Community College which serves the City of Bristol, Washington County, and a portion of Smyth county, is jointly funded by these three localities and is one of the major tools for workforce development in our region. Finally, all three localities are part of the same local development district (Mount Rogers Planning District) and work together on many regional projects.

Please consider keeping this community of interest in your deliberations. Thank you for your service to the Commonwealth and best wishes in your endeavors.

Sincerely,

Bill Hartley
Councilman, City of Bristol Virginia
(276)-469-9623
bill.hartley@bristolva.org

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From: [Jonathan Russell](#)
To: [Redistricting](#)
Subject: Don't Allow a Republican Gerrymander
Date: Tuesday, November 09, 2021 11:25:30 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Clerk of the Supreme Court of Virginia:

I own a home in Reston, Virginia after having lived several other places across the United States. I am asking this Court to prevent partisan special masters from controlling the redistricting process. I am not asking for a Democratic gerrymander, but it is clear that the special masters submitted by the Republican Party of Virginia are all partisans whose main aims would be to gerrymander the commonwealth to favor one political party.

Recent articles have accused this Court of having an agenda to favor the Republicans in this redistricting cycle. This Court has a chance to prove them wrong, and show they do not owe loyalty to a single political party. The Democratic Party of Virginia has made a good faith attempt to recommend nonpartisan academics for their special master slate, while the Republicans have submitted only partisans. I do not want a gerrymander by either party, and that starts with ensuring that everyone is acting in good faith in the process.

Regards,

Jonathan Russell (1851 Stratford Park PL APT 105; Reston, VA 20190)

November 9, 2021

Supreme Court of Virginia
100 N. 9th Street, 5th Floor
Richmond, VA 23219



To the Supreme Court of Virginia and its Staff:

**OneVirginia2021
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John Stone

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Advocacy Board:**

Anne D. Sterling,
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Gregory E. Lucyk,
Secretary

I write today on behalf of the 60,000+ members of OneVirginia2021, a nonpartisan organization dedicated to fair and representative redistricting and one of many groups in Virginia who have spent years advocating for improvements to our former redistricting process.

Our organization fought hard for the passage of last year's Constitutional Amendment referendum and were hopeful that the formation of the Virginia Redistricting Commission would force entrenched partisans to come together and compromise for a final set of maps. We were disappointed when that did not happen.

That being said, we know that recent history indicates that courts across the country have drawn fair and representative maps in the past, and we remain confident that you will do so in this instance as well.

To achieve this, we believe the Court and the two Special Masters you will appoint will need full access to all of the public input collected for the last ten months.

We have worked to encourage Virginia voters to remain engaged in the process through public comments to the Commission since January. Public feedback has been chronicled through several different methods and exists in multiple formats; it includes comments submitted through the Department of Legislative Services email portal, hours of in-person and virtual testimony, and over 100 citizen-drawn maps (with over 1,500 comments left on those maps).

Looking forward, we know that you will have a number of important decisions to make as you tackle the task before you. Throughout the Commission and DLS staff deliberations in the past several months, OneVirginia2021 has worked to provide nonpartisan educational resources -- not as a way to endorse one methodology or party over another, but to allow them to have a central repository of information to make informed decisions.

To that end, we feel compelled to speak on behalf of our membership as you decide on Special Masters to assist you in the map-drawing process. As you know, selecting the correct people for these roles will determine the fairness of our electoral districts for the next decade. The most recent Virginia plans drawn by a Special Master have now been used in two legislative elections and, both times, have accurately reflected the will of the overall electorate.

The lists submitted to you by the General Assembly reflect a wide variety of philosophies and approaches regarding redistricting. Some are well-respected academics, and others

have a long track record of partisanship on their resumes. We have provided a brief summary of each below:

Mr. Thomas Bryan:

- Is a professional demographer and head of Bryan GeoDemographics since 2001.
- Was a statistician for the U.S. Census Bureau, focusing on small area population and housing unit estimates.
- Has provided demographic analysis and support in over 30 court cases.

Dr. Bruce Cain:

- Has taught courses and written extensively on redistricting, democracy, and partisanship from the 1980s to the present.
- Served as Redistricting Consultant, Los Angeles City Council, 1986; Attorney General of the State of Massachusetts, 1987-88; U.S. Justice Department, 1989; Los Angeles County, 1991; Oakland City Council, 1993; San Diego Citizens Commission on Redistricting, 2001; City and County of San Francisco, 2002; Special Master for three judge panel, Arizona State Legislative Redistricting, 2002; Maryland Attorney General's Office, 2011.

Mr. Adam Foltz:

- Facilitated the drafting of the 2021 Texas legislative and congressional district plans, which are currently under litigation.
- Was the primary map drawer of the 2011 Wisconsin legislative district plan, which was the subject of the U.S. Supreme Court lawsuit *Gill v. Whitford*.
- Has worked exclusively for Republican legislators or the Republican Party since 2010.

Dr. Bernard Groffman:

- Served as Special Master to redraw 11 House of Delegates districts in Virginia after a previous finding that they were racially gerrymandered (*Bethune-Hill v. VA Board of Elections*, 2018).
- Served as Special Master to redraw Virginia's 3rd Congressional District after a previous finding that it was racially gerrymandered (*Personhuballah v. Alcorn*, 2016).
- Has served in 27 court cases, consulting for both political parties, as well as many states and localities.

Mr. Adam Kincaid:

- Serves as the current President and Executive Director of the National Republican Redistricting Trust.
- Has been employed by the Republican Party since 2005.
- Lists no relevant redistricting or GIS experience on resume.

Dr. Nathaniel Persily:

- Served as Special Master to redraw North Carolina state legislative districts (*Covington v. North Carolina*, 2018).
- Served as Court-Appointed Expert to assist the Pennsylvania Supreme Court in drawing Congressional district maps (*League of Women Voters v. Commonwealth*, 2018).
- Has served in 12 court cases, consulting for states and municipalities.

OneVirginia2021 was founded on the mission of drawing fair districts for the next decade, and Virginia is still on track to achieve that goal -- but only if good faith negotiations are made.

In order for compromise to be reached in the coming weeks, we strongly encourage the court to select Special Masters who reflect a track record of nonpartisanship. Our hope is that the Justices will consider the gridlock of the Commission and its partisan map drawers as a cautionary tale while they make this important decision.

To conclude, we would like to thank you for the opportunity to express our thoughts today. Our organization is available as a resource for anything you might need in the coming weeks. Good luck with the task before you.

Sincerely,

A handwritten signature in black ink, appearing to read "Liz White", with a long horizontal flourish extending to the right.

Liz White, Executive Director

From: [Chris Buchheit](#)
To: [Redistricting](#)
Subject: New Maps
Date: Monday, November 08, 2021 6:34:40 PM

EXTERNAL EMAIL

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Hello,

With the failure of the bipartisan commission, it now falls on SCOVA to draw our new Congressional and Commonwealth maps.

As someone who voted for Amendment 1, I demand the new maps be fair and representative of the voters therein. The intent should be to represent the Commonwealth as best as possible, with no regard for political party.

If the maps are not drawn as such, it will forever scar the court's reputation, and the citizens of the Commonwealth will see it as a partisan institution, which will damage our state. Please, please keep this in mind when drawing the maps.

Very Respectfully,

Chris Buchheit
Arlington, VA

From: [Cindy Cunningham](#)
To: [Redistricting](#)
Subject: Special Masters
Date: Tuesday, November 09, 2021 2:44:47 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Dear Madame Clerk,

I write in support of the Virginia Senate Democrats' request to disqualify Mr. Kincaid, Mr. Bryan, and Mr. Foltz from serving the Court as special masters in the redistricting process.

It would be such a violation of the expressed wishes of the voting public to allow these hyper-partisan individuals to draw the lines. Voters have demanded for at least a decade that politics be taken out of the redistricting process. The Constitutional Amendment creating the Virginia Redistricting Commission was a weak response to that demand, but voters approved it anyway—by large margins—with the hope that finally there would be an end to partisan gerrymandering nonetheless.

Once underway, the Commission itself immediately went down the road to letting partisanship interfere with their work, by choosing two sets of lawyers and map-drawers, and it's regrettable that your charge also requires you to use two sets of drawers. Nonetheless, the best hope we have of respecting the will of the voters, is for the two special masters you appoint to be as nonpartisan (or at least not hyperpartisan) as possible.

Please disqualify these partisan gerrymandering experts, and ask that the Republican leadership send back a new list that are not so unacceptable and that do not force voters to live through another decade of partisan maps.

Thank you,
Cindy Cunningham
Falls Church, Virginia

From: [Brady Walker](#)
To: [Redistricting](#)
Subject: House of Delegates Map - Danville & Martinsville
Date: Monday, November 08, 2021 6:09:52 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Clerk of the Supreme Court of Virginia,

Martinsville and Danville are connected via Route 58, share SOVA Health's hospital system, and are the region's economic hubs outside of Lynchburg, Roanoke, and Greensboro, NC. Martinsville and Danville represent an area of that state that has suffered significantly from economic and population decline since the textile and tobacco industries became unsustainable. Now, as both cities pivot towards an economy with an emphasis on technology and manufacturing, Martinsville faces the incredibly difficult task of reverting from an independent city to a town. Since 1995, three independent cities, including our neighbor South Boston, have reverted to towns. Though these reversions have been successful in the long term, I feel as though it's important to anchor Martinsville to Danville with a single delegate, to ensure economic stability and growth going forward.

These two cities also have similar racial demographics, including a large minority population. According to statistics provided by the US 2020 Census, Martinsville has a 'Black alone or in combination' population of 48.2%. Danville has a 'Black alone or in combination' population of 53.4%. I was able to create an example district that was 48.91% minority and 51.09% White. Though this does not constitute a minority-majority district, it would ensure that minorities would be able to elect a delegate of their choosing. The Readjuster Party, a biracial coalition that formed following the Reconstruction Era, had significant success in Virginia. Danville was able to elect a majority Black council and hired an integrated police force due to expanded voting access from actions taken by the Readjuster Party. Currently, Martinsville has two minority city council members while Danville has five. Historical legacy and current racial demographics must be factors in drawing a district that gives a voice to residents of the Southside.

Please consider creating a single House of Delegates district that includes both the City of Danville and the City of Martinsville.

Thank you,

Brady Walker

Dry Fork, VA



2110 Washington Blvd. Syphax Bldg.
3rd Floor Arlington, VA 22204
6540 Franconia Road, Springfield, VA 22150
Phone: 703-228-2560 | Fax: 703-228-2562
E-mail: info@edu-futuro.org
www.Edu-Futuro.org

November 8, 2021

Edu-Futuro
2110 Washington Blvd
Arlington, VA 22204

To Whom It May Concern:

My name is Jorge Figueredo and I am the executive director of Edu-Futuro, a non-profit that employs a two generational programmatic approach to break the cycle of poverty through educational empowerment in the immigrant community. The maps proposed by the Virginia Coalition on Immigrant Rights (VACIR), the Virginia Latino Leaders Council (VLLC), and the Virginia Counts Coalition (VCC) were based on extensive feedback by immigrant communities across the Commonwealth, including communities that we at Edu-Futuro directly serve.

All three of these maps uplift the interests of the communities we serve, communities that have been historically underrepresented and underserved, so that they can successfully vote on candidates and referenda of their choice. It is my hope that the Supreme Court of Virginia will take into account the immigrant support for the maps submitted by VACIR, VLLC, and VCC as it redraws district lines in the commonwealth.

Yours Sincerely,

Jorge E. Figueredo, MPP
Executive Director

From: [Martha Miller](#)
To: [Redistricting](#)
Subject: To the Clerk of The Supreme Court of Virginia
Date: Monday, November 08, 2021 4:20:58 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Dear Madam or Sir:

I would like to express my frustration at not being represented in Congress since moving to the Charlottesville, Virginia area nearly 40 years ago. Because of how the congressional district is drawn, a conservative Republican has represented the 5th district for as long as I can remember.

The city of Charlottesville and surrounding Albemarle County deserve a Congressman who represents their views. Please make sure we are not chopped up and lumped in with rural voters from southside, Greene, and Madison.

Thank you for your attention to this matter,

Martha Miller

From: [Brandon Boyles](#)
To: [Redistricting](#)
Subject: Redistricting and Grayson County/Galax City
Date: Monday, November 08, 2021 4:14:08 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Good afternoon:

This email is intended to be taken as public comment to request that, to the extent possible, Grayson County, Galax City and the entire Mount Rogers Planning District be kept together within two House of Delegates Districts. The entire Mount Rogers PDC, and the counties and towns that comprises it share unique qualities and challenges that are best served by having the type of representation that we have enjoyed for the last several years. To disrupt that, in my opinion, would do great harm to our region. Having representatives who have invested their time and energy to become connected on a human level to their district results in better representation. I can say that our representatives in the House of Delegates throughout the Mount Rogers PDC, and specifically Grayson County and the City of Galax, have done just that. I humbly ask that you take into account my request.

Thank you for your time and consideration.

--

Brandon R. Boyles
Grayson County Commonwealth's Attorney
129 Davis Street
P.O. Box 445
Independence, Virginia 24348
(276) 773-2421 - phone
(276) 773-0577 - fax



121 Bagley Circle, Suite 100
Marion, VA 24354
Phone: (276) 783-3298
Shawn Utt
County Administrator, Smyth County



138 W Main St,
Marion, VA 24354
Phone: (276) 378-5019
William T. Rush III
Town Manager, Marion



325 E Lee Hwy,
Chilhowie, VA 24319
Phone: (276) 646-3232
John E. B. Clark, Jr.
Town Manager, Chilhowie



217 Palmer Ave,
Saltville, VA 24370
Phone: (276) 496-5342
Brian Martin
Town Manager, Saltville

October 7, 2021

Virginia Redistricting Commission Members

RE: Redistricting in Southwest Virginia

The Towns of Marion, Chilhowie, and Saltville, in solidarity with Smyth County, are strongly advocating that as you deliberate redistricting, you do not significantly alter the current dynamic of Smyth County being served by both Delegate Israel O'Quinn and Delegate Jeff Campbell.

Residents of Smyth County, nestled between Washington and Wythe counties along the I-81 corridor and being geographically bounded by mountain ranges to the northwest and southeast, have historically gravitated to west, with the Saltville town limits straddling the Smyth County/Washington County line and the Chilhowie town limits being almost contiguous to Washington County. Because of those constraints and synergies, it has always made sense to draw the lines to include those areas in a House District. Synergies are not born through county lines; they are developed through complementary endeavors over time. Having a House Delegate that transcends county lines and supports those endeavors has proven time and again to be advantageous to Smyth County citizens. Having a House Delegate serving the eastern portion of the county, promoting synergies with Wythe County yet always in concert with the western Delegate, augments the efforts of both, and serves the citizens of Smyth County and its towns very well.

We hope you will consider our request, and will not significantly alter the dual House Delegate dynamic that has served the citizens of Smyth County judiciously for generations.

Sincerely,

Shawn Utt, County Administrator

W.T. Rush III, Town Manager, Marion

John Clark, Town Manager, Chilhowie

Brian Martin, Town Manager, Saltville

Introduction

Guiding Principle for Redrawing Virginia Election Maps

The overriding principle for redrawing Virginia's election maps should be that it is "**data driven**" not partisan driven. Key demographic factors such as ethnicity, race, industry, occupation and educational levels of residents should be the driving forces in shaping any new state election maps.

Redistricting Criteria for Congressional Districts

Overview

Any new Virginia congressional district map needing to be drawn should be guided by the following criteria:

1. Incorporate the concept of communities of interest/communities of place
2. Congressional district land areas must be contiguous and be of approximate equal population
3. Allow for racial fairness
4. Don't give a partisan edge
5. Preserve existing geographic boundaries of cities/towns and counties wherever possible
6. The land area chosen for each new congressional district map should be reflective of key demographics.

Communities of Interest/Communities of Place

The *Virginia Redistricting Commission* has established that one of the criteria for redrawing any Virginia election map is that the map represents a "*community of interest*" or "*community of place*". The *National Conference of State Legislatures* (NCSL) has also established this criterion for every state in the United States. Communities of interest share similar historical, cultural, or economic interests.

However, they should not be defined by political affiliation.

Contiguous Space and Equal Populations

Per past U.S. Supreme Court rulings, each congressional district's land area must be contiguous and each district within the same state must be of approximate equal population. In the case of Virginia, this implies that each district's population must be within a 5% +/- range of one-eleventh of Virginia's current population (currently at **784,201**). At the present time, the following Virginia congressional districts do NOT fall within a 5% +/- range of 784,201: VA-01, VA-02, VA-05, VA-09, VA-10.

Racial fairness

The redrawn congressional district maps should not intend to or have the effect of diluting the power of minority voters or their ability to elect candidates of their choice.

No Political Party / Candidate Advantages

The newly redrawn Virginia congressional district maps must not give a partisan edge or advantage to any one political party, candidate or incumbent.

Preserve Existing Geographic Boundaries

Newly redrawn Virginia congressional district maps should avoid splitting existing city, town, or county boundaries as much as possible.

Reflective of Key Demographics

Any newly drawn congressional district maps must take into consideration percentage breakdowns of the following demographics:

- a) Race/Ethnicity % Distribution (White, Black, Hispanic, Asian, etc.)
- b) Industries and Occupations
- c) Urban versus Rural population distribution
- d) Education (Enrollment/Level of Educational Achievement)
- e) Median Household Income

Rationale/Criteria for Redrawing a Congressional District Map

The overriding rationale for redrawing the map for any particular Virginia congressional district is to have its demographic attributes fall within a 95 % to 105% range of the averages for the above-mentioned key demographic attributes for all of the state's congressional districts.

Blueprint for Redrawing Virginia's Congressional District Maps

Overview

Any Virginia congressional district map needing to be redrawn should be based on a **hub-and-spoke** architecture where the hubs are Virginia's 25 most-populated counties and the spokes are adjacent smaller populated counties. The proposed overall congressional district maps architecture is modeled after how the ***Virginia Association of Counties -Regions*** ("**VACo**") is organized which currently has thirteen designated state regions and a subset (80+) of all existing counties in the state of Virginia.

District Architecture -the Hubs

Virginia's 25 most populated counties represent significant communities of interest and place and account for two-thirds of Virginia's total population. These counties can be used as the hubs for any new congressional districts because that is where:

- Most people live in Virginia
- Highest concentration of schools exists
- Highest concentration of jobs and industries exist
- The largest collection of major shopping centers occurs
- Where many major religious centers are located
- And further these counties provide a wide-array of government products and services to their residents and neighboring smaller counties (e.g.; Police , Courts, Utilities, Election Polling Locations & Libraries).

District Architecture – The Spokes

Each district hub will have attached to it adjacent smaller populated counties going out in wider arcs until a congressional district population of one-eleventh of the total population of Virginia is achieved. The total population of Virginia as of 2020 was: **8,626,210**. The total population of the twenty-five (25) most populated counties in Virginia is: **5,756,900**.

Candidates for the adjacent counties must satisfy the following criteria:

- Either be adjacent to the congressional district hub and/or each other to be in compliance with the "contiguous" rule.
- Should have similar demographics as much as possible as regards:
 - a) Race/Ethnicity % Distribution (White, Black, Hispanic, Asian, etc.)
 - b) Industries and Occupations
 - c) Urban / Rural breakdown
 - d) Education (Enrollment/Level of Educational Achievement)

From: [Linda Cocke](#)
To: [Redistricting](#)
Subject: Virginia Redistricting
Date: Tuesday, November 09, 2021 12:21:41 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Please allow me to express my preferences for the two nominees.

Democratic- Bernard Grofman

Republican - Bryan Thomas

Thank you so much for your consideration!

Linda Cocke
Lcocke@comcast.net
121 Hickory Way
Madison Heights, VA. 24572

Sent from my iPad

From: [Lise Dobrin](#)
To: [Redistricting](#)
Subject: Comments on redistricting upon the redistricting commission's failure
Date: Tuesday, November 09, 2021 12:26:54 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

To the clerk of SCOVA:

I live in the city of Charlottesville, VA, and am totally disgusted that the redistricting commission found itself unable to do the task it was charged to do and find a fair way to set up districts in Virginia so that everyone's vote would count. We could have given the task to a team of three high schoolers and they could have gotten it done in an afternoon.

It would be a travesty to see our community split into 4/5 districts, or to see Albemarle county lumped into a Congressional district over the mountain.

I hope these citizen comments will be read and taken to heart.

Sincerely,
Lise M. Dobrin

2101 Tarleton Drive
Charlottesville, VA 22901

Muriel Pitney

From: Elizabeth Robinson <vava_22304@yahoo.com>
Sent: Tuesday, November 9, 2021 11:08 AM
To: Internet Scclerksoffice
Subject: redistricting woes

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Good morning, Ms. Pitney.

I understand from WTOP news this morning that the Democrats and Republicans are fighting about who represents each side for redistricting.

Both sides accusing the other of selecting left or right extremists.

What if the Democrats select the Republican representatives and the Republicans select the Democrat representatives? Maybe each will then be forced to select moderates in their party.

Just a thought for the Court from a resident of Prince William County.

Current politics could certainly use more moderates who understand and value the maturity of compromise.

Thanks.

Elizabeth Robinson
vava_22304@yahoo.com
Enjoy your day ... regardless.

From: [Charlie Paul](#)
To: [Redistricting](#)
Subject: [VA Citizen] Comment on non-partisan special masters
Date: Tuesday, November 09, 2021 2:36:00 PM

EXTERNAL EMAIL

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To the Honorable Clerk of the Supreme Court of Virginia,

I seek to provide written comment in accordance with Rule 4(a) of the Rules and Procedures for Implementing the Requirements of Article II, Section 6-A of the Constitution of Virginia. My comment is below:

I am a citizen of Virginia, currently living in the City of Alexandria. In 2020, I voted in favor of amending the Constitution of Virginia to the end of establishing a fairer & less partisan redistricting process.

The nominees put forward for special master by the House & Senate minorities are well-known partisan operatives; their presence and participation in the redistricting process would only serve to taint any proposed maps with partisan intent. While the Court has ultimate say over the selection of special master, I believe that the selection of a partisan operative will lead to maps that are less representative of Virginia, less responsive to Virginians, and perceived as less fair by both parties.

When I voted in favor of Amendment 1, I voted with the hope of establishing a redistricting process that puts Virginians first: putting communities of interest and compactness ahead of incumbent protection and partisan advantage. Instead, what I fear the process becoming is each party pushing the map in their favor, with the Court seen as the tiebreaker.

I trust the Court to lay down political concerns — and to seek special masters who will do the same.

Sincerely,
Charles Paul

From: [Sara Jamal](#)
To: [Redistricting](#)
Subject: Redistrict
Date: Tuesday, November 09, 2021 2:52:38 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

I am writing to you to disqualify any and all partisan 'academics' who would be involved in the redistricting effort. It's truly a travesty that simple rules cannot be followed. I would implore the court to ensure the redistricting process be representative of the will of the people of the commonwealth to be a nonpartisan issue.

Thank you,

Sara Jamal

From: [Mason Stoecker](#)
To: [Redistricting](#)
Subject: Complaint about the Republican Masters
Date: Tuesday, November 09, 2021 2:17:29 PM

EXTERNAL EMAIL

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Dear Mrs. Pitney,

I am writing you as a concerned citizen of Virginia. I have lived in this state for 23 years and was born and raised here. It has recently come to my attention that the redistricting masters nominated by the minority leadership have severe conflicts of interest and I do not believe have the best interests of the state at heart. Kincaid, Bryan and Foltz all have massive problems to fairly redistrict the state and can't possibly be trusted to offer Virginians a fair and balanced amount of representation. It is imperative that the court, as a nonpartisan entity, allow for appropriate representation from both sides of the aisle and to disqualify these individuals. This state should not be another political playground for politicians to select their voters and instead be a state where the people elect their politicians.

Sincerely,
Mason Stoecker

From: [Danny Plaugher](#)
To: [Redistricting](#)
Subject: No GOP operatives on redistricting panel
Date: Tuesday, November 09, 2021 3:07:10 PM

EXTERNAL EMAIL

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No GOP operatives drawing our maps.

Thanks

From: [Tara Gibson](#)
To: [Redistricting](#)
Subject: Disqualify the GOP's special master nominees
Date: Tuesday, November 09, 2021 3:07:42 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Dear Ms Pitney-

I respectfully ask that the Court disqualify the three nominees put forward by the VA GOP and direct the prompt submission of new nominees. Each of these nominees are clearly partisan with disqualifying conflicts of interest. In sharp contrast to the Democratic nominees, all of the nominees put forward by the minority are Republican political operatives whose conflicts of interest foreclose their appointment to assist the Court here.

Thank you for your consideration,

Tara Gibson
Richmond, VA

From: [Benjamin Dawes](#)
To: [Redistricting](#)
Subject: No partisan operatives
Date: Tuesday, November 09, 2021 3:14:20 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Given the candidates for map drawers by Republican legislators they are not capable of serving as a disinterested special master to assist this Court in proceedings that should, by law, be nonpartisan. They are political operatives with a long track record of pushing gerrymandered maps. If you want fair district maps for our Commonwealth please tell the GOP legislature to nominate candidates who have a record of pushing for district maps that fairly represent communities.

From: [Suja S. Amir](#)
To: [Redistricting](#)
Subject: Redistricting
Date: Tuesday, November 09, 2021 3:27:17 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Dear Justices.
All eyes are on Virginia.

We cannot afford to continue allowing this type of charade in our democracy. There is no way a redistricting process can be neutral if there is any partisanship involved. Republican nominees should be disqualified from this process without question. Democratic nominees should be disqualified from this process (if there are any), but my understanding is that it is only Republican nominees. The fundamental challenge to this will expose the very protections the founders were trying to prevent, unchecked power. If this is not done, it will only continue to disenfranchise our democracy and civic engagement. It will continue to disenfranchise and disincentivize Virginians. It will continue to cast doubt on any hope in our elected officials and our government. This will truly be a travesty for our state, if you do not disqualify the partisan members of this process.

Sincerely,

Suja S. Amir, MPA

"You learn a lot about someone when you share a meal together." Anthony Bourdain



suja.amir@gmail.com

From: [Candace Graham](#)
To: [Redistricting](#)
Subject: @VASenateDems objection
Date: Tuesday, November 09, 2021 3:35:28 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

I agree with Senator Saslaw that the masters the Republicans have proposed are not neutral. All map masters must be nonpartisan and experts in their field. This initial Redistricting, following the adoption of the amendment sets an important precedent.

Please order the Republicans to engage 3 neutral, nonpartisan map masters who are acknowledged experts in their field.

Sincerely,
Candace Graham
Midlothian, VA

From: [Ken Wheeler](#)
To: [Redistricting](#)
Subject: Composition of Special Masters to support the redistricting effort in Virginia
Date: Tuesday, November 09, 2021 3:31:29 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Ms. Pitney,

I am writing to the Court to express my concerns on the Special Master nominees put forward by the GOP caucus of the Virginia Legislature. I voted in support of this amendment, and it's provision to have the Virginia Supreme Court act as a fall back to produce fair maps for the Commonwealth, in the event the Commission was unable to arrive at an agreement.

The Republican slate of proposed Special Masters, are as partisan as they come. The whole point of this exercise was to remove as much partisan bias as possible, so that communities would have fair and equitable representation, and that our voices as voters would count as much as in office politicians and political party's. The current nominees from the Delegate and Senate GOP make a mockery of that hope. The Court needs to be advised by experts in the apportionment process, not by partisan political hacks, intent on subverting free and fair elections. Please direct the legislature to submit a new slate that will be able to provide reasonably unbiased, non-partisan advice to the Court as they undertake this important duty.

Very Respectfully,
Kenneth Wheeler
9136 Wood Pointe Way
Fairfax Station, VA 22039
703-655-3544

From: [Lara Andre](#)
To: [Redistricting](#)
Subject: Make the map fair please
Date: Tuesday, November 09, 2021 3:38:01 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

This really needs to be non-partisan. Please reject the appointment of partisan operatives. Many thanks,
Lara Andre
Boston, VA

From: [Eve Hesselroth](#)
To: [Redistricting](#)
Subject: Virginia redistricting
Date: Tuesday, November 09, 2021 3:54:29 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

To the Clerk of SCOVA,

I am a small business owner and mother living in Albemarle County, VA. It has come to my attention that the Virginia Redistricting Commission failed to come to an agreement which puts the responsibility of re-drawing our maps on the SCOVA. As a long-time resident of Albemarle County, I would like to weigh in that I have almost NEVER had representation in the House of Representatives. And at the state level it's even worse. Charlottesville and Albemarle County are gerrymandered to within an inch of our lives, to ensure that we don't get a representative who reflects the actual needs and wishes of our residents. Splitting us up into many districts, or lumping us in with communities over the mountain that have no similarity to us in terms of education, socio-economic status or political bent has been done in the past purely to disenfranchise us as a community and maintain the Republican party's grip on power, and should be rectified with the current redistricting efforts. I am fairly active politically, and write frequently to my elected representatives. I am a 47 year old woman who has ONLY ever gotten responses from my reps that effectively say, "Thanks for reaching out. I really like hearing from my constituents and respect your views but am going to totally ignore them and do the opposite of what you are asking." For almost 30 years. Everyone I know feels the same way. Frequently our reps won't even ever set foot in their Charlottesville offices but force us to come to their remote offices because they don't like the large protests that happen outside their offices when they come here. That wouldn't happen if we didn't all always feel like we never get a rep who cares about us or our viewpoints.

Please do the right thing and redistrict in a way that allows us to finally have someone fighting for us who represents us.

Thank you.

Warm regards,

Eve

Eve Hesselroth
Owner, Clay Fitness LLC
M.S. Applied Exercise Science
NASM CPT
USAW Level 1 Coach
DESSO Foundation, Founder & Chair
www.clayfitness.net
www.dessofoundation.com
yogamom@gmail.com

(434) 825-1878 (c)

From: [Cheryl Pinks](#)
To: [Redistricting](#)
Subject: Redistricting Maps
Date: Tuesday, November 09, 2021 3:54:30 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Dear VA Supreme Court,

Hello, my name is Daryl Gillespie Jr. from North Chesterfield County and I'm emailing you because I've just learned that the VA Supreme Court is now tasked with drawing fair and nonpartisan maps and that the GOP is trying to force the court to appoint a partisan operative to oversee the process. I wholly object to the GOP's attempt to sabotage the redistricting process! Voters deserves fair maps that are free from partisanship and we as voters deserve to choose our representatives not the other way around. I demand that the court reject the GOP's request and ensure that the redistricting lines are redrawn in a way to ensure that the new districts best reflects the population and the diversity of Virginia. The maps should be free, fair, transparent, and free from partisanship from both sides. I repeat, please reject the GOP's request and reassure voters that when they vote , their votes will count. Thank you for your time.

Sincerely,
Daryl Gillespie Jr.
North Chesterfield, Virginia

Sent from [Mail](#) for Windows

From: [Anne Hayes](#)
To: [Redistricting](#)
Subject: Appointment of special masters
Date: Tuesday, November 09, 2021 3:57:41 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Va Code sec. 30-399 (F) provides that “The persons appointed to serve as special masters shall have the requisite qualifications and experience to serve as a special master and shall have no conflicts of interest.” The Republican nominees have disqualifying conflicts of interests arising from their partisan gerrymandering efforts on behalf of the Republican party. I urge the Supreme Court to reject these nominees and require the Republicans to submit special masters nominees. This action is necessary to ensure the the Supreme Court produces fair maps.

Sincerely,

Anne Hayes

From: [Brandon Gallagher](#)
To: [Redistricting](#)
Subject: Fair, Non-Partisan Maps
Date: Tuesday, November 09, 2021 3:59:22 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Dear Virginia Supreme Court,

Please do not appoint anyone to oversee the redistricting effort, especially a singular person who will be perceived as partisan and increase distrust in the election process and the court. Any favoritism to one side would be a step away from democracy.

As the 2021 Virginia election cycle shows, increasing voting rights and making elections fair and secure has benefitted both parties.

While I recognize that no redistricting effort will be embraced universally, only districts that are drawn independent of political interest can guarantee that the rights of the citizens of Virginia are protected.

Let Virginia be the bright light of democracy and set the standard for fair redistricting.

Thank you for your consideration on this matter.

-Brandon Gallagher
Henrico, Virginia

From: [John Preston Brown](#)
To: [Redistricting](#)
Subject: Fair & Open redistricting process
Date: Tuesday, November 09, 2021 4:03:00 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

To those overseeing the Court's redistricting efforts,

I am a resident of Fairfax County and am writing to express my support for efforts to keep the process as non-partisan and transparent as possible.

I have read news reports that the Court is considering using some extremely partisan map makers and fear that would severely undermine credibility in the eyes of Virginia's citizens. Our democracy is under a tremendous amount of stress these days, but an open and objective map-drawing process would soothe some of the enflamed passions and serve to restore public confidence in our institutions.

Very respectfully,

John P Brown
McLean VA

From: [Kim Kirby](#)
To: [Redistricting](#)
Subject: Need for nonpartisanship for redistricting
Date: Tuesday, November 09, 2021 4:05:16 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

All map masters must be nonpartisan and experts in their fields. The Republicans have nominated three political operatives - two of whom have been found by the courts to have engaged in partisan gerrymandering in prior roles and the third, a paid consultant for the Republican party. Enough is enough. Republicans need to engage three neutral nominees.

Sincerely,
Kimberly Kirby
Midlothian, VA
kikirby78@msn.com

From: [John R Krenzke](#)
To: [Redistricting](#)
Subject: Redistricting
Date: Tuesday, November 09, 2021 4:15:04 PM

EXTERNAL EMAIL

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To Whom It May Concern,

I am a resident of Virginia Beach and would like to see fairly drawn maps for Virginia. As such I firmly support the concerns of the Virginia Democratic caucus about the three Republican nominees for the position of special master. From the evidence presented each clearly has a conflict of interest and therefore does not meet the qualifications for the position. I encourage you to reflect on the evidence and I hope that you will do your best to insure the fair maps that the citizens who voted for this amendment were expecting when they voted for it.

Sincerely,

John R Krenzke

Get [Outlook for Android](#)

From: [Alexis Krenzke](#)
To: [Redistricting](#)
Subject: Redistricting
Date: Tuesday, November 09, 2021 4:19:34 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Hello,

I understand that efforts are being made to appoint a Republican political operative to oversee the court's redistricting efforts. I strongly disapprove of this course of action. Please support a fair, non-partisan redistricting initiative. Thank you.

Alexis Krenzke

From: [Phil Williams](#)
To: [Redistricting](#)
Subject: Nonpartisan Redistricting
Date: Tuesday, November 09, 2021 4:56:00 PM

EXTERNAL EMAIL

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To whom it may concern:

I am a resident of Virginia and I'm greatly concerned about the status of redistricting in our commonwealth.

After the commission failed to draw new maps in a bipartisan manner (as they were instructed to do), the responsibility now falls to the Supreme Court. It is critical that the court appoints a nonpartisan who is committed to protecting free and fair elections to oversee this process. With so much at stake, this cannot be a partisan role.

Please protect free and fair elections in our commonwealth. The responsibility now falls to you and I pray that you can overcome partisan pressures and do what's right for Virginia.

Thank you.

Phil Williams
Resident of North Chesterfield, VA

From: [Melissa Mannon](#)
To: [Redistricting](#)
Subject: Redistricting
Date: Tuesday, November 09, 2021 5:14:36 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Hello,

I am writing in regards to the redistricting task the Virginia Supreme Court must complete.

I implore the court to not appoint partisan people to oversee the process. Partisans already had an opportunity to develop maps in a bipartisan way and failed to complete that task.

The courts should prioritize fair and equitable representation without partisan interference.

Thank you

From: [Macaria Scott](#)
To: [Redistricting](#)
Subject: fair maps
Date: Tuesday, November 09, 2021 5:37:16 PM

EXTERNAL EMAIL

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Supreme Court of Virginia:

I am writing in support of drawing fair, nonpartisan district maps. I agree with Majority Leader Richard Saslaw that House and Senate Republican Caucus' nominees are not qualified to act in a non-partisan way. These types of nominees are definitely not who voters had in mind when they voted for an amendment for a fair redistricting process. Please say NO to this effort to sabotage the redistricting process, and uphold the intent of voters who supported the amendment.

Thank you,

Macaria Scott Richmond, Va

From: [Brad Neff](#)
To: [Redistricting](#)
Subject: We need non-partisan maps
Date: Tuesday, November 09, 2021 5:53:52 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Please create fair, non-partisan maps for the Commonwealth of Virginia.

I trust the impartial courts to analyze and create fair districts.

Thank you
Brad Neff

Sent from my iPhone

From: [Saddam Salim](#)
To: [Redistricting](#)
Subject: Redistricting Maps
Date: Tuesday, November 09, 2021 6:08:26 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Dear VA Supreme Court,

It has become apparent that bi-partisan attempts have failed at redistricting. However, the courts have an opportunity to the high road and not hire a partisan partner to redo the maps.

--

Thank you,

Saddam Azlan Salim

Ph:571-275-7995 | azlansalim@outlook.com

From: [Brady Walker](#)
To: [Redistricting](#)
Subject: Republican Special Masters
Date: Tuesday, November 09, 2021 6:17:53 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Members of the Supreme Court of Virginia,

I am writing in support of the effort to disqualify the three special masters proposed by the minority party.

Bringing partisan operatives into this second attempt at redistricting will undoubtedly lead to maps that do not accurately represent the electorate of the commonwealth. The end goal is to wear down the members of the SCOVA and the Democratic special master so that they agree to 'compromised' maps that have a Republican bias.

Republicans, having nominated three partisan operatives, have brought a gun to a knife fight.

Brady Walker

From: [Ian Lowenthal](#)
To: [Redistricting](#)
Subject: Regarding the decennial redistricting of Virginia
Date: Tuesday, November 09, 2021 7:00:49 PM

EXTERNAL EMAIL

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To whom it may concern,

In regards to the redistricting process. The commission has been a disappointed, in no small part as a result of some members being uninterested in a process that provides all Virginians with fair representation. This process shouldn't be tainted by those looking to keep their office by choosing their voters or those that wish to use advantage their preferred party at the expense of the electorates will.

It is my hope the Supreme Court of Virginia will draw Virginia's Congressional, state senate and house of delegates districts with communities of interest in mind first and foremost. Will avoid drawing districts that intentionally exclude voters from having a voice in their government. That the redistricting process will honor what a democracy should be, by allowing the voters to pick their elected officials.

Sincerely,

Ian Lowenthal
Chesapeake

From: [Brooke Megan](#)
To: [Redistricting](#)
Subject: Regarding objections to Republican nominees for redistricting special masters
Date: Tuesday, November 09, 2021 7:03:18 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Hi,

I support the Virginia Senate Democrats' objections to the Republican individuals nominated to serve as special masters for the redistricting commission. State law says these individuals may not have any conflicts of interest, and yet:

- One was paid \$20,000 by the Virginia Senate Republican Caucus two months ago.
- One is Executive Director of the National Republican Redistricting Trust and is paid \$5,000/month by the Republican National Committee
- One drew the 2010 Wisconsin Maps and is currently employed by Texas Republicans to draw Texas districts and has been criticized by numerous courts for lacking credibility and drawing maps that violate federal law and the U.S. Constitution

I support the Senate Democrats' proposed three independent academics who have been previously used by courts to serve in this function instead.

Thank you,

Brooke G.
Alexandria, VA

From: [Ben Sydnor](#)
To: [Redistricting](#)
Subject: DISQUALIFY GOP redistricting nominees
Date: Tuesday, November 09, 2021 7:05:11 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

The entire purpose of the new redistricting process was to remove gerrymandering bipartisan nonsense.

The GOP nominees are the antithesis of this purpose. They embody political bias.

Please disqualify them for the good of representative government in Virginia.

Ben

From: [Rhonda Garner](#)
To: [Redistricting](#)
Subject: VA redistricting committee
Date: Tuesday, November 09, 2021 7:11:52 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Please do not seat any of the Republican nominees for the Virginia redistricting committee. Two of them have been found by courts to have engaged in partisan gerrymandering in prior roles and the third is a paid consultant for the Republican Party. This is wrong. The Republican nominees should be disqualified. Partisan operatives can't draw fair lines.

Thank you for your time and consideration.

Rhonda Garner
Herndon, VA

From: [Gay](#)
To: [Redistricting](#)
Subject: Redistricting
Date: Tuesday, November 09, 2021 7:53:30 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

I am writing to request that you **disqualify** the three Republican-nominated map-drawing consultants due to their conflicts of interest. All three are clearly partisan - each has strong ties to the Republican party. They cannot be considered as impartial and/or independent.

Thank you,
Gaylia Prejean
Warrenton, VA

From: [Josh Taylor](#)
To: [Redistricting](#)
Subject: Redistricting appointees
Date: Tuesday, November 09, 2021 8:16:32 PM
Attachments: [538405990-Letter-from-Majority-Leader-Saslaw-to-SCOVA-Objecting-to-GOP-Special-Master-Nominees.pdf](#)

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Please remove the partisan Republican nominees.

From: [Annette Cashatt](#)
To: [Redistricting](#)
Subject: Urgent Concerns Regarding Republican Redistricting Master Canidates
Date: Tuesday, November 09, 2021 8:56:54 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Greetings,

I am a mom, a registered voter, a tax payer, and a resident of Virginia in Rockingham County. I am interested in fair redistricting that is equitable and as least partisan as possible for ANYBODY's political party. I do NOT support the following choices set forth by the Republican voices:

Adam Kincaid seems awful. He had his past maps called out in Federal court in Ohio and tossed out by judges. He has no business touching Virginia maps. He has shown by his past history that he has zero ability to be neutral in any sense or follow the merit of the law which is to be more fair to everyone and not just heavily favor his party or unethically target communities that don't support republicans.

Thomas Bryan I know less about, but I do find it concerning that he's being accused of taking 20 grand from Republican Party and not reporting it. I am not sure why he was paid so much by them.

Adam Foltz is as bad as Kincaid. His map drawing results ended up in court in Wisconsin in 2010 because his attempt at drawing a map was grossly unfair and gerrymandered.

I know I'm a single voter and I have gathered my information by looking at PDFs of their issues that are circulating and using Google to look up these candidates. I am sure you have the actual court records and information related to Foltz and Kincaid. But I really hope you listen to my voice and consider them very critically and demand better options without a track record of gerrymandering that led to court.

Best,
Annette Cashatt
Sent from my iPhone

From: [Matt Savage](#)
To: [Redistricting](#)
Date: Tuesday, November 09, 2021 9:05:38 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Do not appoint partisan map drawers please.

Sent from my iPhone

From: [David Cordell](#)
To: [Redistricting](#)
Subject: Please do the right thing
Date: Tuesday, November 09, 2021 9:11:29 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Whoever oversees the redistricting should be impartial and do it fairly. If you appoint a partisan person, you will undermine the whole process. Do the right thing please.

David Cordell
Alexandria Virginia.

Sent from my iPhone

From: [Cheryl Johnson](#)
To: [Redistricting](#)
Subject: Republican nominees
Date: Tuesday, November 09, 2021 9:37:02 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Courts are supposed to be free of politics—which is why they enacted conflict of interest provisions in the enabling legislation for the nonpartisan redistricting constitutional amendment and these candidates backgrounds do not meet the provisions. Below is why I do not want these candidates presented as nominees.

Thomas Bryan was paid \$20,000 by Virginia Senate Republicans on 9/3/2021, a fact that the Senate Republican Caucus did not disclose to the Court in nominating him.

Adam Kincaid is the current Executive Director of the National Republican Redistricting Trust, and has previously worked for the Republican National Committee, the National Republican Congressional Committee, and the Republican Governors Association. A federal court found that he engaged in partisan gerrymandering in Ohio in 2010.

Adam Foltz is a long-time Republican operative who worked on the map-drawing in Wisconsin in 2010, where a federal court found that he engaged in partisan gerrymandering. He has also been retained this year in Texas as they draw their legislative and congressional maps."

Cheryl Johnson
3607 Quail Meadows Place
Midlothian, VA 23112
Cheryl.Johnson115@gmail.com

From: [Susan Ahern Marusco](#)
To: [Redistricting](#)
Subject: democracy cannot survive w/extreme partisan masters
Date: Tuesday, November 09, 2021 10:12:36 PM

EXTERNAL EMAIL

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I agree with Senator Saslaw that the masters the Republicans have proposed are not neutral. All map masters must be nonpartisan and experts in their field. This initial Redistricting, following the adoption of the amendment sets an important precedent.

Please order the Republicans to engage 3 neutral, nonpartisan map masters who are acknowledged experts in their field.

Sincerely,
Susan Marusco

Sent from my iPhone

From: [Debra Thacker](#)
To: [Redistricting](#)
Subject: Redistricting
Date: Tuesday, November 09, 2021 10:32:06 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

I agree with Senator Saslaw that the masters the Republicans have proposed are not neutral. All map masters must be nonpartisan and experts in their field. This initial Redistricting, following the adoption of the amendment sets an important precedent.

Please order the Republicans to engage 3 neutral, nonpartisan map masters who are acknowledged experts in their field.

Sincerely,
Debra Thacker
Midlothian, VA

From: [Patti Richards](#)
To: [Redistricting](#)
Subject: Republican nominees for redistributing
Date: Tuesday, November 09, 2021 10:41:29 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Please consider not approving the Republican nominees. They are not non-partisan, and will draw unfair maps. All the nominees are on payroll of GOP organizations. This is not what I voted for.

Thank you, Patti Richards, Henrico, Virginia resident.

From: [Erin Charles](#)
To: [Redistricting](#)
Subject: No
Date: Tuesday, November 09, 2021 11:19:20 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

No to hiring a partisan operative to oversee districting process.

From: [Barbara Gehrung](#)
To: [Redistricting](#)
Subject: NEW CONGRESSIONAL DISTRICTS
Date: Wednesday, November 10, 2021 2:31:13 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

To whom it may concern:

As a resident of the City of Charlottesville and small business owner in Charlottesville and Albemarle County, I'm writing you today, to please consider the cohesion of metropolitan areas in your congressional redistricting. In this spirit, please do not split Charlottesville and Albemarle county into two districts, or combine Albemarle County with a Congressional district in the Shenandoah Valley.

While I know that our representatives do not have an easy job in a district which spans from Northern Virginia to the North Carolina Border (VA-05). I have not felt represented in the past 8 years by the congressmen which were elected in this strangely tailored district. Democracy lives from people feeling heard and the their government is working for them.

Thank you sincerely for your consideration,
Barbara Gehrung

...

BARBARA GEHRUNG, Int. Assoc. AIA, CPHC
434.262.2392
barbara.gehrung@gmail.com

GEHRUNG + GRAHAM LLC
Energy Positive Architecture
GehrungGraham.com

705 Graves Street
Charlottesville, VA 22902

From: [Allen Baker](#)
To: [Redistricting](#)
Subject: Virginia redistricting
Date: Wednesday, November 10, 2021 4:35:33 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

To whom it may concern:

I live in Charlottesville and do not want my community split into 4/5 districts, or Albemarle county lumped into a Congressional district over the mountain.

Thank you,

Allen Baker

919 Stonehenge Ave Ext

Charlottesville, VA 22902

From: [Roland Winston](#)
To: [Redistricting](#)
Subject: Appointments
Date: Wednesday, November 10, 2021 4:59:42 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Honorable Members of the Court,

I object to the Thomas Bryan, Adam Kincaid and Adam Foltz nominations.

I agree with Senators Locke and Surovell in labeling these individuals as 'partisan operatives'. This is not what fair people had in mind in regard to non partisan redistricting.

Caucus Chair Mamie Locke said: "Voters did not think they were asking maps to be drawn by partisan operatives when they approved the nonpartisan redistricting constitutional amendment in 2020. All of the GOP's nominees are currently on the payroll of Republican organizations; how can they be trusted to draw fair maps in a transparent and inclusive way?"

Caucus Vice-Chair Scott Surovell said: "Courts are supposed to be free of politics—which is why we enacted conflict of interest provisions in the enabling legislation for the nonpartisan redistricting constitutional amendment, and the Republican caucuses have asked the Supreme Court of Virginia to effectively sanction partisan map drawing."

BACKGROUND:

Thomas Bryan was paid \$20,000 by Virginia Senate Republicans on 9/3/2021, a fact that the Senate Republican Caucus did not disclose to the Court in nominating him.

Adam Kincaid is the current Executive Director of the National Republican Redistricting Trust, and has previously worked for the Republican National Committee, the National Republican Congressional Committee, and the Republican Governors Association. A federal court found that he engaged in partisan gerrymandering in Ohio in 2010.

Adam Foltz is a long-time Republican operative who worked on the map-drawing in Wisconsin in 2010, where a federal court found that he engaged in partisan gerrymandering. He has also been retained this year in Texas as they draw their legislative and congressional maps."

S Roland Winston

Henrico, Va. 23231

From: [Laura H](#)
To: [Redistricting](#)
Subject: Redistricting
Date: Wednesday, November 10, 2021 6:53:59 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Good Morning.

I am writing to state that I agree with Senator Saslaw that the masters the Republicans have proposed are not neutral. All map masters must be nonpartisan and experts in their field. This initial Redistricting, following the adoption of the amendment sets an important precedent.

Please order the Republicans to engage 3 neutral, nonpartisan map masters who are acknowledged experts in their field.

Sincerely,
Laura Hinkle
North Chesterfield, VA

From: [Debby Porter](#)
To: [Redistricting](#)
Subject: Redistricting committee
Date: Wednesday, November 10, 2021 6:50:10 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Paid Republican operatives have no business participating in any efforts at redistricting that are presented as nonpartisan. Voters approved a nonpartisan redistricting constitutional amendment in 2020.

Democrats submitted special master nominees who are leading respected academics in the fields of political science, demographics, and law. All of the GOP's nominees are currently on the payroll of Republican organizations.

Thomas Bryan was paid \$20,000 by Virginia Senate Republicans on 9/3/2021, a fact that the Senate Republican Caucus did not disclose to the Court in nominating him. Adam Kincaid is the current Executive Director of the National Republican Redistricting Trust, and has previously worked for the Republican National Committee, the National Republican Congressional Committee, and the Republican Governors Association. A federal court found that he engaged in partisan gerrymandering in Ohio in 2010.

Adam Foltz is a long-time Republican operative who worked on the map-drawing in Wisconsin in 2010, where a federal court found that he engaged in partisan gerrymandering. He has also been retained this year in Texas as they draw their legislative and congressional maps.

It would be an obscene betrayal of voters to allow their participation in a nonpartisan redistricting effort.

Debby Porter
13510 Heathbrook Rd
Midlothian, VA 23112

From: [Lynn](#)
To: [Redistricting](#)
Subject: Stop GOP Partisans
Date: Wednesday, November 10, 2021 6:58:10 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Stop the madness! Do not appoint the GOP national partisan experts to draw what is supposed to be fair redistricting maps. The GOP appointees have worked tirelessly to gerrymander the country to deny a representative vote to the people. We need a bipartisan group to work together to make Virginia maps fair. I live in Va Congressional District #10 which was gerrymandered over time to keep Frank Wolf in office, carving out Democratic-leaning areas, so it runs from McLean to West Virginia and down to Manassas, while not including Herndon or Reston. We need to stop drawing maps to benefit political parties!

When Virginians voted for this redistricting process, we wanted fair, non- partisan maps that are not gerrymandered. Please stop this attempt by the GOP to make Virginia voting maps worse and to benefit one party over another!

Lynn Anderson
703-785-6677

From: [PAUL BERRY](#)
To: [Redistricting](#)
Subject: Objection to partisan map drawers
Date: Wednesday, November 10, 2021 7:10:25 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Good morning,

I write to object to the list submitted from the Republican party for nominees to act as one of two special masters in the reapportionment process.

I voted against Amendment 1 because I believed then, and now, that nakedly partisan affiliations do not belong in our redistricting processes. I am Chairman of the Fairfax County Redistricting Advisory Committee - it is an uneven venture that is nonetheless possible to accomplish with bipartisan participation.

When that participation does not incentivize individuals to use their political preferences as a guide, but rather as a set of passive biases directing mapping choices, fair maps are possible.

That the leadership of one party would so obviously and deliberately offer up individuals who make it their professional business to help their chosen partisans win elections (and by extension create conditions for opposite partisans to lose) is anathema to the spirit of the Amendment not all of us voted for, but all of us honor.

Thank you,
Paul Berry

--

Paul Daniel Berry

**Principal
Contra Costa Bellerose**

From: [Marlene Meade](#)
To: [Redistricting](#)
Subject: GOP nominees
Date: Wednesday, November 10, 2021 7:37:28 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

The citizens of Virginia voted for a NONPARTISAN group to look at redistricting The GOP has not put forth unbiased operatives. They need to be removed from the committee.

I urge you to keep this fair and unbiased.

Thank you,

Marlene Meade
Midlothian, Va

[Sent from the all new AOL app for iOS](#)

From: [Carolyn Woodard](#)
To: [Redistricting](#)
Subject: Redistricting experts should be non-partisan experts, with no conflicts of interest
Date: Wednesday, November 10, 2021 7:40:21 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Dear Court,

The Republican nominees for special master for redistricting as violating the state's conflict of interest rules because:

One was paid \$20,000 by the Virginia Senate Republican Caucus two months ago.

One is Executive Director of the National Republican Redistricting Trust and is paid \$5,000/mo. by the Republican National Committee

The other drew the 2010 Wisconsin Maps and is currently employed by Texas Republicans to draw Texas districts and has been criticized by numerous courts for lacking credibility and drawing maps that violate federal law and the U.S. Constitution

Special Masters are judicial officers who are typically vetted for their impartiality. State law also says all nominees cannot have any conflicts of interest.

Please refuse to accept the Republican nominees and require them to nominate academics or consultants with expertise without conflicts of interest or the clear bias of their first nominees.

Thank you,

Carolyn Woodard
Fauquier County

From: [John Taylor](#)
To: [Redistricting](#)
Subject: No to partisan oversight
Date: Wednesday, November 10, 2021 7:51:19 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

The redistricting process is already verging on a shambles, and the Commonwealth needs there to be a fair, orderly process. So please register my strongest opposition to the appointment of partisan operatives in any kind of oversight or policy-making role.

John Taylor

jtaylordirect@gmail.com

(804) 928-3381

From: [Steve Baker](#)
To: [Redistricting](#)
Subject: No GOP Oppertives
Date: Wednesday, November 10, 2021 8:41:47 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

The Dems gave you three good names, the R's gave you three hacks. Reject the hacks.

Steve Baker
sent from my iPhone

From: [Frank Anderson](#)
To: [Redistricting](#)
Subject: Selection of Special Masters
Date: Wednesday, November 10, 2021 8:48:00 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Dear Supreme Court of Virginia,

I am writing to urge the Court to reject three of the nominees for Special Master, Mr. Kinkaid, Mr. Bryan and Mr. Foltz. All three are partisan political operatives with a personal or financial stake in creating gerrymandered districts to benefit one party. This goes against both the letter of the law --- the Code states that the persons should have no conflicts of interest -- and the spirit of the law, which was originally intended to eliminate partisan gerrymandering.

Though many Virginians saw the flaws in the Constitutional amendment which would lead us to this point, most of those who voted in favor of it did not think they were approving a one-party map-drawing process.

Thank you for your consideration.

Sincerely,

Frank Anderson
Burke, VA

From: [Dashiell Lewis](#)
To: [Redistricting](#)
Subject: No partisan operatives should be a part of redistricting
Date: Wednesday, November 10, 2021 9:00:43 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Hello,

I live and work in Richmond, VA.

To ensure fair redistricting, the Court should not appoint any partisan operative to draw the maps. It's that simple. The GOP is pressuring the Court to allow a partisan to draw the maps and sabotage the will of the people. That should not happen.

Thank you.
Dash Lewis

From: [Meredith Richard](#)
To: [Redistricting](#)
Subject: Special master comments from VA residents
Date: Wednesday, November 10, 2021 9:04:06 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

To Whom It May Concern:

I'm writing to comment on Senate Democrat requests that several individuals be disqualified from consideration for the special master position for the redistricting process.

Special masters are supposed to be judicial officers who are impartial and have a proven record of experience. They also are supposed to be vetted so as to avoid conflicts of interest. The nominees the GOP have put forth for these positions have been paid substantial sums by the RNC either at state or national level and one has even been critiqued by numerous courts for his violation of federal law when drawing maps in Wisconsin and Texas. This is unacceptable and nominees such as this should not be permitted to oversee the redistricting process here in VA. It would undermine its integrity and do a great disservice to Citizens of our commonwealth. All special master nominee should have a proven record of experience as independent experts with background in legal, statistical or academic fields. Thank you for taking the time to consider my comments as a concerned Virginian. I appreciate your hard work to make this process as fair as possible.

Best,
Meredith Richard
Fairfax County resident

From: [Viju Singh](#)
To: [Redistricting](#)
Subject: Redistricting in Virginia & Special master nominees
Date: Wednesday, November 10, 2021 9:10:52 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

I am writing about the Special Masters to be appointed to redistrict Virginia based on new Census. Virginia voters wanted to eliminate past practice of partisan gerrymandering of districts and approved the constitutional amendment in 2020 to do so. Therefore, new districts must be drawn by experts who know what they are doing and not by political operatives. The three **Republican** nominees are currently or have been on the payroll of Republican organizations and therefore have a conflict of interest, whereas the Democrat's nominees are not on the payroll of democratic organizations but are experts in this field. Virginia Supreme Court must not allow this partisan map drawing. I respectfully ask the court to disqualify the three Republican currently proposed.

Thank you,

Mrs. Vijaylaxmi Singh
11531 Nicholas Trace Court
Midlothian, VA, 23113
Tel. # 804-272-4622 (landline)

From: [Zach Gitlin](#)
To: [Redistricting](#)
Subject: On Redistricting of the Courts
Date: Wednesday, November 10, 2021 9:16:47 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Good morning,

The consequences of gerrymandering for elections and the health of the Commonwealth is paramount. It is in the best interest of voters and elected to officials to compete on maps that do not disenfranchise voters by race, religion, age, or party affiliation. A competitive map that does not require a party to earn more than 50% of the votes to get 50% of the assembly is in the best interest of Commonwealth as a whole. And it is up to you now to make sure that the people's will with the vote of the new redistricting committee is upheld with a equal map that gives voters a voice in their districts, does not entrench politicians, and makes for a free and fair election for the Commonwealth.

Be the example not repeating mistakes of the past.

--

Zachary Gitlin
MA in International Studies
remmek@gmail.com

From: [Ellen Moore Osborne](#)
To: [Redistricting](#)
Subject: Redistricting
Date: Wednesday, November 10, 2021 9:31:38 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Dear Virginia Courts,

All we want are free and fair elections that represent ALL the people of Virginia. Sometimes my candidate wins, sometimes my candidate loses-- I can handle that. But continually rigging the system is bringing the concept of democracy down.

The 3 special master nominees offered by the Republicans have serious conflicts of interest. One guy has already been found by a federal court to have engaged in partisan gerrymandering in Ohio. One guy does paid work as a consultant for the Virginia Republicans. The other guy provided "almost laughable" testimony about his maps for redistricting in Wisconsin, and it was found to be a violation of the Voting Rights Act. No reasonable person with a lick of common sense could consider these guys nonpartisan, as the redistricting amendment requires. Please disqualify these guys and ask for new nominees to be submitted.

Thank you.

Ellen Osborne

Buck Island Road, Charlottesville, VA

From: [Rupali Pendse](#)
To: [Redistricting](#)
Subject: Please disqualify GOP's special master nominees
Date: Wednesday, November 10, 2021 9:49:02 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Good morning,

Redistricting committee should be non-partisan and impartial. Having GOP special master nominees on the committee is not productive to the redistricting procedure to create fair and equal maps.

All voters deserve equal chance for representation in all government elections.

I have attached the information Virginia Senate Democrats have submitted for your reference.

"Today, Virginia Senate Democrats submitted a letter asking the Supreme Court of Virginia to disqualify the special master nominees submitted by Republicans Delegate Todd Gilbert and Senator Tommy Norment to assist the Court in the redistricting.

Majority Leader Dick Saslaw said: "Virginia Senate and House Democrats have set an example in submitting special master nominees who are leading respected academics in the fields of political science, demographics, and law. We hope Republicans will do the right thing for the Commonwealth and choose new nominees whose participation in this important process will ensure Virginians have fair representation in state and federal government."

Caucus Chair Mamie Locke said: "Voters did not think they were asking maps to be drawn by partisan operatives when they approved the nonpartisan redistricting constitutional amendment in 2020. All of the GOP's nominees are currently on the payroll of Republican organizations; how can they be trusted to draw fair maps in a transparent and inclusive way?"

Caucus Vice-Chair Scott Surovell said: "Courts are supposed to be free of politics—which is why we enacted conflict of interest provisions in the enabling legislation for the nonpartisan redistricting constitutional amendment, and the Republican caucuses have asked the Supreme Court of Virginia to effectively sanction partisan map drawing."

BACKGROUND:

Thomas Bryan was paid \$20,000 by Virginia Senate Republicans on 9/3/2021, a fact that the

Senate Republican Caucus did not disclose to the Court in nominating him.

Adam Kincaid is the current Executive Director of the National Republican Redistricting Trust, and has previously worked for the Republican National Committee, the National Republican Congressional Committee, and the Republican Governors Association. A federal court found that he engaged in partisan gerrymandering in Ohio in 2010.

Adam Foltz is a long-time Republican operative who worked on the map-drawing in Wisconsin in 2010, where a federal court found that he engaged in partisan gerrymandering. He has also been retained this year in Texas as they draw their legislative and congressional maps."

Thank you

Rupali Pendse
Realtor, Notary Public
Fathom Realty VA
804-220-1905
www.rupalipendse.realtor

From: [Maureen Seifert](#)
To: [Redistricting](#)
Subject: Impartial Redistricting
Date: Wednesday, November 10, 2021 10:04:37 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Honorable Justices,

Map masters are to be nonpartisan and recognized experts in their field. The “special masters” nominated by the Republican Party are anything but neutral and should be disqualified.

Please order the Republicans to engage 3 neutral, nonpartisan map masters who are acknowledged experts in their field.

Respectfully,
Maureen Seifert
Midlothian, VA

From: donelle@donelle.com
To: [Redistricting](#)
Subject: Redistricting Special Masters
Date: Wednesday, November 10, 2021 10:11:30 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

I write to make my objection known with regard to the three Republican-nominated map-drawing consultants currently before the VA Supreme Court.

These three nominees for special master for redistricting violate the state's conflict of interest rules. As evidence of conflict of interest, Thomas Bryan was paid \$20,000 by the Virginia Senate Republican Caucus two months ago. Adam Kincaid is Executive Director of the National Republican Redistricting Trust and is paid \$5,000/mo. by the Republican National Committee and he collaborated on Ohio legislative maps that a 3-panel federal court found to be extreme, illegal partisan gerrymandering. The 3rd, Adam Foltz, drew the 2010 Wisconsin Maps and is currently employed by Texas Republicans to draw Texas districts, even while a district court ruled the Wisconsin redistricted maps violated federal gerrymandering law and the U.S. Constitution.

Special Masters are judicial officers who are typically vetted for their impartiality, a condition of which these three have not met.

Virginia Senate Democrats proposed three independent academics who have been previously used by Courts to serve in this function, have been appropriately vetted, and raise zero conflict-of-interest flags.

I thank you for your astute consideration of rejecting Mr. Bryan, Mr. Kincaid and Mr. Foltz as special masters for the conflict of interests they represent.

Thank you,
Donelle Sawyer
Vienna, VA resident
(646) 250-9105

From: [Craig Wilkey](#)
To: [Redistricting](#)
Subject: Disqualify GOP nominees as partisan map drawers with an agenda
Date: Wednesday, November 10, 2021 10:12:33 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Voters did not think they were asking maps to be drawn by partisan operatives when they approved the nonpartisan redistricting constitutional amendment in 2020. All of the GOP's nominees are currently on the payroll of Republican organizations; how can they be trusted to draw fair maps in a transparent and inclusive way? The citizens of Virginia voted to depolitize the construction of legislative districts. Democracy is subverted when the democratic process is manipulated. For that reason, I ask that you disqualify the GOP nominees as they have an agenda not to improve democracy, but to sway elections in a partisan direction.

The Democrats have set an example in submitting special master nominees who are leading respected academics in the fields of political science, demographics, and law. We hope Republicans will do the right thing for the Commonwealth and choose new nominees whose participation in this important process will ensure Virginians have fair representation in state and federal government.

Below is a short background on the Republican nominees:

Thomas Bryan was paid \$20,000 by Virginia Senate Republicans on 9/3/2021, a fact that the Senate Republican Caucus did not disclose to the Court in nominating him.

Adam Kincaid is the current Executive Director of the National Republican Redistricting Trust, and has previously worked for the Republican National Committee, the National Republican Congressional Committee, and the Republican Governors Association. A federal court found that he engaged in partisan gerrymandering in Ohio in 2010.

Adam Foltz is a long-time Republican operative who worked on the map-drawing in Wisconsin in 2010, where a federal court found that he engaged in partisan gerrymandering. He has also been retained this year in Texas as they draw their legislative and congressional maps."

Sincerely,
Craig Wilkey
Midlothian VA

From: [Jane Dowrick](#)
To: [Redistricting](#)
Subject: in support of new Republican nominees for redistricting masters
Date: Wednesday, November 10, 2021 10:18:26 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Dear Honorable Judges,

I write in support of new nominees by Republicans.

As Majority Leader Dick Saslaw recently said: "Virginia Senate and House Democrats have set an example in submitting special master nominees who are leading respected academics in the fields of political science, demographics, and law. We hope Republicans will do the right thing for the Commonwealth and choose new nominees whose participation in this important process will ensure Virginians have fair representation in state and federal government."

Thank you for considering this request.

Jane

Jane Dowrick
10936 Live Oak Court, Midlothian VA #504 Chesterfield, #68 VA
804-334-0117

From: [Beth Kaiser](#)
To: [Redistricting](#)
Subject: This is outrageous!
Date: Wednesday, November 10, 2021 10:25:35 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

To Whom It May Concern:

The purpose of the redistricting commission is to review the changes in demographics and adjust the districts for fair representation of ALL Virginians.

This WILL NOT happen if you allow paid Republican political operatives to serve as special masters. They must be disqualified.

Respectfully,
Beth Kaiser

Sent from my iPhone

From: bob.bobscottart.com
To: [Redistricting](#)
Subject: District Maps
Date: Wednesday, November 10, 2021 10:25:53 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Supreme Court of Virginia:

I am writing in support of having fair, nonpartisan district maps. I am in agreement with Majority Leader Richard Saslaw that House and Senate Republican Caucus' nominees are not qualified to act in a non-partisan way. In my opinion these nominees are not who voters had in mind when they voted for an amendment for a fair redistricting process.

Please say NO to this effort to undermine the redistricting process, and uphold the intent of voters who supported the amendment.

Thank you,

Bob Scott
Richmond, VA

From: [Donna Shaunesey](#)
To: [Redistricting](#)
Subject: Special Masters for Redistricting
Date: Wednesday, November 10, 2021 10:29:21 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Honored Justices:

As a supporter of the bipartisan OneVirginia2021, I am asking that you disqualify the special master nominees from Delegate Todd Gilbert and Senator Tommy Norment. All three of their nominees are paid by Republicans; two have been found by federal courts to have engaged in partisan gerrymandering in other states. The Democrats have submitted leading respected academics in the fields of political science, demographics and law. I respectfully request that you ask the Republicans to do the same.

Sincerely,

Donna Shaunesey
1003 Birdwood Road
Charlottesville VA 22903

From: [J.H. Swanson](#)
To: [Redistricting](#)
Subject: Request to Disqualify GOP Special Master Nominees
Date: Wednesday, November 10, 2021 10:29:26 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Dear Honorable Members of the Virginia Supreme Court,

I am asking that you disqualify the GOP's special master nominees. Virginia Senate and House Democrats have set an example in submitting special master nominees who are leading respected academics in the fields of political science, demographics, and law. The Republicans need to do the right thing for the Commonwealth and choose new nominees whose participation in this important process will ensure Virginians have fair representation in state and federal government. As a voter for the nonpartisan redistricting constitutional amendment in 2020, I did not think that maps would then be drawn by partisan operatives. As all the GOP's nominees are currently on the payroll of Republican organizations, that does not give me any confidence that they can draw fair maps in a transparent and inclusive way. The Republican caucuses are in effect asking the Supreme Court of Virginia to sanction partisan map drawing. Please make a ruling that respects the interest of Virginia voters.

Sincerely,

Julie Hanson Swanson

From: [Harki Singh](#)
To: [Redistricting](#)
Subject: Redistricting in Virginia & Special master nominees
Date: Wednesday, November 10, 2021 10:51:22 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

This letter is about the Special Masters to be appointed to redistrict Virginia based on new Census. Virginia voters wanted to eliminate past practice of partisan gerrymandering of districts and approved the constitutional amendment in 2020 to do so. Therefore, new districts must be drawn by experts who know what they are doing and not by political operatives.

The three **Republican** nominees are currently or have been on the payroll of Republican organizations and therefore have a conflict of interest, whereas the Democrat's nominees are not on the payroll of democratic organizations but are experts in this field. Virginia Supreme Court must not allow this partisan map drawing.

I respectfully ask the court to disqualify the three Republican currently proposed.

Thank you,

Harki Singh
479 Southlake Boulevard
North Chesterfield, VA 23236
Tel: (804) 594-7210

From: [Catherine Imperatore](#)
To: [Redistricting](#)
Subject: Disqualify partisan special masters
Date: Wednesday, November 10, 2021 10:52:56 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Please disqualify nominees for redistricting special masters who are on the payroll of either party or who have engaged in partisan gerrymandering in the past. Of particular concern are the nominations of [Adam Kincaid](#) and [Adam Foltz](#), who have both been found by federal courts to have engaged in partisan gerrymandering. Thank you!

Regards,
Catherine Imperatore
10960 Harpers Square Ct
Reston, VA 20191

From: [Jen Groves](#)
To: [Redistricting](#)
Subject: Please reject the partisan GOP nominees
Date: Wednesday, November 10, 2021 11:18:38 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

#CallToAction The VA Sup. Ct. has asked that any comments on the @VASenateDems' request to disqualify the GOP's special master nominees must in writing no later than 5 pm today November 10 to Redistricting@VACourts.gov

"Today, Virginia Senate Democrats submitted a letter asking the Supreme Court of Virginia to disqualify the special master nominees submitted by Republicans Delegate Todd Gilbert and Senator Tommy Norment to assist the Court in the redistricting.

Majority Leader Dick Saslaw said: "Virginia Senate and House Democrats have set an example in submitting special master nominees who are leading respected academics in the fields of political science, demographics, and law. We hope Republicans will do the right thing for the Commonwealth and choose new nominees whose participation in this important process will ensure Virginians have fair representation in state and federal government."

Caucus Chair Mamie Locke said: "Voters did not think they were asking maps to be drawn by partisan operatives when they approved the nonpartisan redistricting constitutional amendment in 2020. All of the GOP's nominees are currently on the payroll of Republican organizations; how can they be trusted to draw fair maps in a transparent and inclusive way?"

Caucus Vice-Chair Scott Surovell said: "Courts are supposed to be free of politics—which is why we enacted conflict of interest provisions in the enabling legislation for the nonpartisan redistricting constitutional amendment, and the Republican caucuses have asked the Supreme Court of Virginia to effectively sanction partisan map drawing."

BACKGROUND:

Thomas Bryan was paid \$20,000 by Virginia Senate Republicans on 9/3/2021, a fact that the Senate Republican Caucus did not disclose to the Court in nominating him.

Adam Kincaid is the current Executive Director of the National Republican Redistricting Trust, and has previously worked for the Republican National Committee, the National Republican Congressional Committee, and the Republican Governors Association. A federal court found that he engaged in partisan gerrymandering in Ohio in 2010.

Adam Foltz is a long-time Republican operative who worked on the map-drawing in Wisconsin in 2010, where a federal court found that he engaged in partisan gerrymandering. He has also been retained this year in Texas as they draw their legislative and congressional maps."

This is clearly a partisan power grab to nominate people who so clearly are not trying in any way for fairness but rather for unfair advantage. Please firmly reject these nominees and keep elections fair in Va.

Thank you!
Jennifer Grover
4774 Long Shop Rd.
Blacksburg, VA 24060

Sent from my iPhone

From: [Kellen Squire](#)
To: [Redistricting](#)
Subject: Virginia Redistricting special masters
Date: Wednesday, November 10, 2021 11:19:46 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Good morning,

My name is Kellen Squire; I'm an emergency department nurse from Charlottesville, Virginia.

I just wanted to provide a comment about the proposed Special Masters for redistricting that have been proposed.

It appears to me that the Democratic Party of Virginia has chosen three experts who are widely regarded for their knowledge and experience in non-partisan redistricting. As far as I can ascertain from researching their CVs and experience noted on the Internet, they have bipartisan accolades, and seem to be well equipped to take politics out of the map selection process to the greatest extent that is possible.

Meanwhile, the Virginia GOP appears to have openly chose the three most partisan candidates they could find, who I see are on record saying that redistricting is a tool to be wielded as a weapon- an attitude is clearly not what the people of the Commonwealth of Virginia intended when voting for this redistricting commission.

Quite frankly, I am astounded that the Virginia GOP would so openly insult and mock the process the Court has enacted. I almost gasped aloud when I saw how blatantly they were disrespecting the judges of the Virginia Supreme Court. It's clear to me that the Republican Party or Virginia doesn't care a single whit about the experience and dedication to jurisprudence that has been the hallmark of this Court- they, instead, expect the court to be a blind rubber stamp, expecting "their" judges to simply "fall in line".

I have run for office as a Democrat before, and I say any party- Democratic, Republican, whatever- if they're afraid of being held accountable to voters, to know that the maps being draw are given weight only to the people of the Commonwealth of Virginia, that anyone who is afraid of running for office in that environment needs to not be representing the Commonwealth at all.

We have a chance here to really "stick it in the eye" of BOTH major parties here in Virginia, to show the rest of the country how this sort-of thing is supposed to work. To stand up first and foremost for the people of the Commonwealth. Please: cement your place in Commonwealth history (and the country's history!) by disqualifying the Republican special Masters and telling them to be either be serious with the Court's requests- or to stand aside.

Thank you.

Kellen Squire, RN

Justices of the Supreme Court of Virginia
Attn: The Honorable Muriel-Theresa Pitney
Clerk of Court
Supreme Court of Virginia
P.O. Box 1315
100 North Ninth Street, 5th Floor
Richmond, VA 23219-1315

November 10, 2021

Re: Senator Saslaw's recommendations to the Virginia Supreme Court: a differing view focusing on mathematics

Dear Virginia Supreme Court Justices:

I am writing to this esteemed Court to provide a different perspective to that of Mr. Saslaw concerning appropriate advisors to this Court regarding Virginia redistricting. I am a scientist, a native Virginian with deep roots in this great Commonwealth, and, like the members of this august Court, I am primarily concerned with the best interest of all Virginians and hope not to see an extreme left or right bias in the outcome. Virginia has now returned to her former "purple" status, neither red nor blue, which is exactly as it should be. I am also a Democrat, but not of the extreme left variety, although Mr. Saslaw leans in that direction. Because his idea of appropriate advisors are 3 University of California Political Science professors, who generally have no knowledge or understanding of Virginia or her communities, or the geography and needs of the Virginians who must live with the consequences of their input, I decided I should write to you, providing a centrist Virginian's perspective, one knowledgeable of mathematics. Since some of the nominees have mathematics and statistics background, I decided I have some qualifications to give you my perspective on these nominees. I therefore want to express my views, as scientist with a PhD in Chemical Physics, and strong mathematical background, I suggest two candidates, one from each list, to become Special Masters to assist this Court.

A strongly biased, in my view, Washington Post editorial vigorously endorsing Mr. Saslaw's list as the only one to choose from is the second reason I am writing. They seek to have only the most left leaning advisors to this Court, all from California, which at present seeks to abolish math as we know it, from its classrooms. These recent election results in Virginia, New Jersey, and New York in which Democrats lost are widely believed to be a rejection of the respective state parties' and candidates' shift too far to the left. Mr. Saslaw represents that part of the Democratic Party. I must also address the false charges about this entire process by Mr. Saslaw with a review of the history the past decade. For years Democrats wanted the Commission for redistricting, not the legislature drawing the map. After regaining the majority in 2019, suddenly the Democrats did NOT want a commission and wanted to draw the map themselves. However, a Constitutional Amendment requiring a commission was already in progress, but that was opposed by the machine Democrats, Saslaw, Simon, Filler-Corn and others part of McAuliffe's Machine, once they gained control. However, allowing the people their right to be heard prevailed, the constitutional amendment passed, subject to popular will. The vote was held and the People Spoke, approving

the amendment with 67% of the vote. It is NOT the Republicans who stoked this change to the commission, it was initiated by Democrats, and overwhelmingly ratified by Virginia's people. Having this commission is the Will of Virginia's People. However, the Machine placed a potential saboteur, Marcus Simon, who twice voted to oppose the commission, on the commission possibly to ensure it did not succeed.

In this case, Mr. Saslaw's recommendation of 3 experts, all college professors from University of California, are, in my view, biased as well. These individuals are as likely to be biased toward the extreme left of the party as Saslaw disingenuously claims the Republicans choices are to Republicans. Allowing the people to decide by ballot was adamantly opposed by the Machine Democrats. Why the Post Editorial Board blindly accepts the false narrative provided by Saslaw, McAuliffe's chieftain without bothering with facts & the history of redistricting over a decade is also a mystery, except all seek to keep the extreme left in control despite defeats at the ballot. Post's Editorial Board also have not been in Virginia for over a decade either. Ill-informed opinions such as the Washington Post, who act as if the Commission was entirely the idea of the Republicans, ill-serve both Virginians and others who read their misconceptions. That is the political perspective from a centrist non-Machine Democrat.

My intent now is to provide you with a technical perspective that I hope will be of some value. I will comment on what I perceive to be the best qualified individuals to serve as your Special Masters, for your consideration.

Of those nominated by both parties, my view as a computational scientist, leans toward those with strong mathematical backgrounds. The two I believe best qualified are statistician Thomas Bryan, formerly of the US Census Bureau, who has served bipartisan clients in state and local redistricting as a technical consultant on redistricting, and is extremely well qualified, and Professor Bernard Grofman, with his background in mathematics and prior experience in Virginia redistricting. I believe *both* these individuals can provide suitable guidance for this important task, as Special Masters to the Supreme Court of Virginia to advise on the 2021 Redistricting of Virginia. I therefore respectfully submit this perspective for you to consider.

Sincerely,



Sheryl Baldwin, PhD
Richmond, Virginia

From: [Ron Alpern](#)
To: [Redistricting](#)
Subject: Disqualify Thomas Bryan, Adam Kincaid, and Adam Foltz as Special Master Nominees
Date: Wednesday, November 10, 2021 11:46:55 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

To the Honorable Members of the Virginia Supreme Court,

I want to add my voice to those who are expressing concerns about the partisan backgrounds of the three special masters who have been put forward by submitted by Republicans Delegate Todd Gilbert and Senator Tommy Norment to assist the Court in the redistricting.

Others far more familiar than I with the backgrounds of Thomas Bryan, Adam Kincaid, and Adam Foltz have pointed out that the latter two gentlemen were found by federal courts to have been involved in partisan gerrymandering efforts in Ohio and Texas, while Mr. Bryan did not disclose to your body his employment by Virginia Senate Republicans when nominated.

These individuals bring to this effort the type of track record that runs counter to the spirit of the 2020 redistricting amendment to the Constitution. We urge you to choose fair minded experts who can ensure that legislative districts are redrawn in a fashion that aligns with wishes of voters who saw the passage of the amendment as a way to remove hyper partisanship from this process.

Sincerely,

Ron

Ron Alpern
2950 Misty Ridge Ct.
Midlothian, VA 23113
804.929.2714 (mobile)

From: [Selina Foreman](#)
To: [Redistricting](#)
Subject: Partisan representatives
Date: Wednesday, November 10, 2021 11:48:35 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

I am writing to express my extreme concern and profound disappointment in the suggested appointments of redistricting representatives Thomas Bryan, Adam Kincaid and Adam Foltz. The process that Virginians voted for was supposed to be NON-PARTISAN. The fact that these obviously extreme partisans have been nominated to be on the board is absolutely unjustifiable and not in keeping with the intention of the amendment.

Thomas Bryan was paid \$20,000 by Virginia Senate Republicans on 9/3/2021, a fact that the Senate Republican Caucus did not disclose to the Court in nominating him.

Adam Kincaid is the current Executive Director of the National Republican Redistricting Trust, and has previously worked for the Republican National Committee, the National Republican Congressional Committee, and the Republican Governors Association. A federal court found that he engaged in partisan gerrymandering in Ohio in 2010.

Adam Foltz is a long-time Republican operative who worked on the map-drawing in Wisconsin in 2010, where a federal court found that he engaged in partisan gerrymandering. He has also been retained this year in Texas as they draw their legislative and congressional maps.

You must disqualify these nominees. To not do so violates the intention of the new amendment and therefore, Virginians' vote for a more fair redistricting process.

Selina Foreman
214 Oak Grove Rd.
Norfolk, VA
23505
757-237-8629

Sent from my iPhone

From: [Meg](#)
To: [Redistricting](#)
Subject: Redistricting is to be unbiased and non-partisan
Date: Wednesday, November 10, 2021 11:49:02 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

The masters the Republicans have proposed are not neutral. All map masters must be *nonpartisan and experts in their field*. This initial Redistricting, following the adoption of the amendment, sets an important precedent.

Please order the Republicans to engage 3 neutral, nonpartisan map masters who are acknowledged experts in their field.

We cannot continue to let partisan politics invade a non-partisan process. That is not in the Constitutional Amendment the citizens of Virginia passed.

Mary Gruber

Midlothian, VA 23112

From: [Bea Pankoski](#)
To: [Redistricting](#)
Subject: Republican operatives
Date: Wednesday, November 10, 2021 11:51:34 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

I am writing today to request that you disqualify the Republican party's special master nominees to the Virginia redistricting process. Republican Delegate Todd Gilbert and Republican Senator Tommy Norment nominated partisan operatives, who are currently on the payroll of Republican organizations. It is clear that these individuals will make no effort to draw fair maps in determining future voting districts. The people of Virginia deserve fair voting maps that allow their votes to matter, and not be weakened through partisan gerrymandering. Accordingly, I hereby request that you disqualify the nominations of Thomas Bryan, Adam Kincaid, and Adam Foltz.

*Beatrice Pankoski
2330 Castle Hill Road
Midlothian, VA 23113
bnjpanko@gmail.com*

From: [Nouma Dione](#)
To: [Redistricting](#)
Subject: Request to disqualify the special master nominees submitted by the GOP to protect our State democracy
Date: Wednesday, November 10, 2021 11:51:38 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

I urge the Courts to please disqualify the Special Master nominees submitted by the Republicans Delegate Todd Gilbert and Senator Tommy Norment to protect our democratic process from partisan interferences and manipulations in order to redraw lines that will not reflect the will of the people of Virginia and could disenfranchise large sections of the population.

Virginia Senate and House Democrats have set an example in submitting special master nominees who are leading respected academics in the fields of political science, demographics, and law. We hope Republicans will do the right thing for the Commonwealth and choose new nominees whose participation in this important process will ensure Virginians have fair representation in state and federal government

Caucus Chair Mamie Locke said: "Voters did not think they were asking maps to be drawn by partisan operatives when they approved the nonpartisan redistricting constitutional amendment in 2020. All of the GOP's nominees are currently on the payroll of Republican organizations; how can they be trusted to draw fair maps in a transparent and inclusive way?"

Caucus Vice-Chair Scott Surovell said: "Courts are supposed to be free of politics—which is why we enacted conflict of interest provisions in the enabling legislation for the nonpartisan redistricting constitutional amendment, and the Republican caucuses have asked the Supreme Court of Virginia to effectively sanction partisan map drawing."

I urge you to protect ALL Virginians' rights for representation.

Regards,

Nouma T. Dione

Loudoun County resident.

From: [Kristina Hagen](#)
To: [Redistricting](#)
Subject: Echoing Majority Leader Saslaw's letter regarding GOP Special Master nominees
Date: Wednesday, November 10, 2021 11:56:02 AM

EXTERNAL EMAIL

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To whom it may concern:

I write today as a concerned citizen to echo the issues raised in Majority Leader Saslaw's letter regarding GOP Special Master nominees.

Section 30-399(F) of the Virginia Code and this Court's Redistricting Rule 2(b) clearly state that "[t]he persons appointed to serve as special masters should have the requisite qualifications and experience to serve as a special master and should have no conflicts of interest." This language very clearly disqualifies the GOP Special Master nominees for the reasons stated in Leader Saslaw's letter (see [here](#)).

Thank you for your consideration.

Kristina Hagen
2731 Lansdale Road
Richmond, VA 23225

--

Kristina Hagen
703-314-6405

From: [Phoebe Kilgour](#)
To: [Redistricting](#)
Subject: Concerns regarding GOP Special Master nominees
Date: Wednesday, November 10, 2021 12:10:19 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

To whom it may concern:

I write today as a concerned citizen of Virginia to reinforce the issues raised in Majority Leader Saslaw's letter regarding GOP Special Master nominees.

Section 30-399(F) of the Virginia Code and this Court's Redistricting Rule 2(b) clearly state that "[t]he persons appointed to serve as special masters should have the requisite qualifications and experience to serve as a special master and should have no conflicts of interest." This language very clearly disqualifies the GOP Special Master nominees for the reasons stated in Leader Saslaw's letter (see [here](#)).

Thank you for your attention.

Phoebe Kilgour
1 W Uhler

From: [Miah Usmani](#)
To: [Redistricting](#)
Subject: Concerns about Nominees
Date: Wednesday, November 10, 2021 12:13:56 PM

EXTERNAL EMAIL

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Virginia Supreme Court,

I am concerned with Special Master nominees;

Thomas Bryan - was paid last month \$20,000 by Virginia Senate Republicans, and not disclosed to the Redistricting Committee.

Adam Kincaid - is the current Executive Director of the National Republican Redistricting Trust

Adam Foltz - is a long-time Republican operative who worked on the map-drawing in Wisconsin in 2010, where a federal court found that he engaged in partisan gerrymandering.

These are partisan GOP operatives that don't belong overseeing the drawing of fair maps.
Please consider other options.

Thank you,
VA Resident
Miah Usmani

From: [Millie Fife](#)
To: [Redistricting](#)
Subject: Redistricting
Date: Wednesday, November 10, 2021 12:14:57 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Good afternoon,

When the voters of Virginia supported the constitutional amendment for redistricting being handled by a non-partisan group last year, I do not believe the proposed GOP special masters would have been considered qualified as “non partisan.” I encourage you to ask the GOP leadership to submit a different list of candidates who would conform to the stated will of the people to ensure that this crucial process is handled properly. If the Republican party is not concerned with the propriety of keeping politics out of this, I trust that the judiciary in our Commonwealth is and recognizes the perception that allowing these nominees to move forward would set a bad precedent. Further, that this would undermine faith in this branch as being impartial.

Sincerely,

Millie Fife

From: [Nate Welz](#)
To: [Redistricting](#)
Subject: Redistricting in Virginia
Date: Wednesday, November 10, 2021 12:18:40 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Hello,

I urge the Court to consider disqualifying Adam Kincaid, Thomas Bryan, and Adam Foltz from being special masters in the redistricting process. Virginians deserve fair, nonpartisan legislative and congressional maps. Adam Kincaid and Thomas Bryan are both Republican Party operatives - allowing them to become special masters will be incredibly detrimental to a process that is supposed to be fair. Adam Foltz should also be disqualified. Foltz illegally cracked the latino population in Wisconsin when he drew their legislative maps in 2010. Minority populations in Virginia, such as African American communities in Richmond, Southside, and Hampton Roads, deserve a special master who has not egregiously gerrymandered minority communities in the past.

I hope you take these considerations into account,

Nate Welz

From: [Jayna Stohlman](#)
To: [Redistricting](#)
Subject: Get politics out of the districting process
Date: Wednesday, November 10, 2021 12:27:05 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

To whom it may concern,

It was not easy to decide how to vote in 2020, concerning the proposal to have a designated committee of both Democrats and Republicans work on re-drawing the maps of VA. It was obvious it was not a perfect plan and that the system as proposed had its flaws, but it seemed better than what we had, which was pretty much nothing.

I cannot believe the extent to which the Republicans that have been nominated are inappropriate for the body to which they have been nominated. Thomas Bryan.. paid by VA Senate Republicans previously and not disclosed to the court? The 2 others - Adam Kincaid and Adam Foltz - both already having been found to be participants in partisan gerrymandering by federal courts??? Is this who the VA people really wanted to be the "nonpartisan" actors in drawing "fair" district lines? No.. it is so frustrating as a citizen to put up a little bit of faith in the system.. that there seems to be an effort to do something fair for everyone.. and it is not enough for some people and they have to make every effort to take advantage. Please reject these candidates.. please do whatever possible to find representatives who will do what is fair for all, not just their side.

Thank you for your consideration,
Jayna Wiebel
Vienna, VA

From: [Michael Rodriguez](#)
To: [Redistricting](#)
Subject: nominees for redistricting special masters
Date: Wednesday, November 10, 2021 12:28:33 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Miguel A. Rodriguez, AICP
1740 Anderson Rd.
Falls Church, VA 22043

Ms. Muriel-Theresa Pitney
Clerk of Court Supreme Court of Virginia
100 N. 9th St, 5th Floor
Richmond, VA 23219

November 10, 2021

VIA E-MAIL

Dear Ms. Pittney:

I am a citizen and resident of Virginia's 53rd House District, located in Fairfax County and write on behalf of myself as a Virginian. It has come to my attention that the three special masters nominees offered by the minority (currently Republican) caucuses of the House of Delegates and Senate hold disqualifying conflicts of interests. I urge the court to uphold the law in Section 30-399(F) and Redistricting Rule 2(b) which underscore that nominees should have no conflicts of interest.

Mr. Adam Kinkaid is president of the National Republican Redistricting Trust and a partisan advancer of national gerrymandering efforts. Mr. Thomas Bryan has received "consulting fees" to the tune of \$20,000 from Virginia Republicans. Mr. Adam Foltz is implicated in Wisconsin's horrendously gerrymandered districts and a partisan operator.

The people of Virginia chose to have such a redistricting commission, and enacted laws that should empower Virginians to have bipartisan and objective districts drawn. Section 24.2-304.04 of the Virginia Code flatly forbids partisan gerrymandering: "A map of districts shall not, when considered on a statewide basis, unduly favor or disfavor any political party."

In light of this, all three special master nominees proffered by Virginia statewide Republicans are patently disqualified to serve in this position. The Court should uphold the law and the desire of the people of the Commonwealth to not have this process hijacked by those who have blatant conflicts of interest. The minority party can try again, and hopefully nominate common citizens without such conflicts rather than a batch of partisan professional operators who seek to advance a blatant partisan gerrymander in the Commonwealth where the people have chosen to prevent such efforts.

Sincerely,

Miguel A. Rodriguez
Fairfax County, Virginia

From: [R. G.](#)
To: [Redistricting](#)
Subject: We must have fair, nonpartisan maps
Date: Wednesday, November 10, 2021 12:37:23 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

I am writing to ask that the Court reject the partisan hacks put forth by Virginia Republicans to work on redistricting. We must have qualified, fair-minded experts. Please, demand better.

Yours,

Rachel Gatwood
Reston, VA 20191

From: [p. a. l'herrou](#)
To: [Redistricting](#)
Subject: Fwd: fair elections
Date: Wednesday, November 10, 2021 12:39:28 PM

EXTERNAL EMAIL

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----- Forwarded message -----

From: **p. a. l'herrou** <ivycrown@earthlink.net>
Date: Wed, Nov 10, 2021 at 12:30 PM
Subject: fair elections
To: <Redistricting@vaccourts.gov>

To the Virginia Court Justices

The reason that redistricting for our state was called for is that in so many districts, it was clear that 'gerrymandering' to preserve clusters of voters in particular districts, had been practiced to give a particular political party the advantage for winning in the individual district.

This practice violates the concept of fairness of our citizen vote, by continuing to change the voters' district if the balance for one particular party is less likely to win. These partisan changes add and subtract geographic area boundaries if a party's majority vote is threatened to be no longer the district majority. This seems ipso facto to be unfair to what has become the majority in the district.

If our government, with our wonderful founding fathers' history of 'by, for and of the people' means fair elections to choose the leadership of a city, state or nation, then it's clear that gerrymandering needs to end and more fair means than the partisan political party practices of changing districts boundaries to have a minority vote become the winning vote.

It is up to you, the judges of fairness and what the Constitution and the founding fathers of Virginia meant justice to be, to ensure that we citizens of this state have the right to fairly choose our leaders--all those who are elected to serve and represent us !

Thank you for taking time to read this. It matters so much as our democratic systems are more threatened that before in my long lifetime.

Sincerely,
Patricia L'Herrou, voter in Albemarle County...

From: [Jim Webster](#)
To: [Redistricting](#)
Cc: jogriesgraber@gmail.com
Subject: Commentf: Selection of a Special Master
Date: Wednesday, November 10, 2021 12:40:11 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

The appointment of technical experts to assist the Court in redrawing election districts in Virginia must adhere strictly to the statute. All such persons must be scrupulously nonpartisan and eminently qualified academically.

James C. Webster
1101 S Arlington Ridge Rd Apt 313
Arlington VA 22202
Tel 703 525 4512
websterj@aol.com

From: [bonnie beckett](#)
To: [Redistricting](#)
Subject: Unqualified GOP special master nominees
Date: Wednesday, November 10, 2021 12:43:43 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Dear Court Officials:

The special master nominees submitted by Republicans Del. Todd Gilbert and Sen. Tommy Norment are partisan operatives rather than the nonpartisan, objective nominees envisioned by the redistricting process. In contrast, the Democrats submitted nominees who are leading respected academics in political science, demographics, and law with knowledge of redistricting principles. In contrast the Republicans have submitted nominees paid by the Republicans (Thomas Bryan \$20,000), who serve as the Executive Director of the publican Redistricting Trust and has previously worked for the RNC (Adam Kincaid), and who is a Republican operative who worked on map-drawing in Wisconsin that a court found to be partisan gerrymandering (Adam Foltz). Please disqualify these three Republican special master nominees as overtly partisan and antithetical to the charge of nonpartisan participation in drawing these maps.

As a Virginia voter I am deeply concerned about the biases these three Republicans bring to the process and have no confidence in a fair outcome if they are part of the process.

Sincerely,
Bonnie Beckett
4903 14th St. N.
Arlington, VA 22205

From: [Heather Crislip](#)
To: [Redistricting](#)
Subject: Special Masters
Date: Wednesday, November 10, 2021 12:44:54 PM

EXTERNAL EMAIL

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Good Afternoon:

I have followed with great interest Virginia's attempt to draw fairer maps in the redistricting process, which I believe is very important for our democracy. I am actually optimistic that this work has landed with the Court, though I realize it places an enormous burden on the court.

My greatest wish is for maps to emerge from this process that are viewed as fair and derived at without partisanship. I am concerned that the republican "special masters" have a verifiable partisan record, and I ask that the court reject those nominations from their process and ask for new nominations that will undertake this work in the manner and seriousness that it requires.

From: [Ashley](#)
To: [Redistricting](#)
Subject: Redistricting
Date: Wednesday, November 10, 2021 1:03:41 PM

EXTERNAL EMAIL

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The court should order the Republicans to engage neutral, nonpartisan map masters who are acknowledged experts in their field. Like the Dems did.

Please consider all of your constituents.

Ashley Taylor
23235

Sent from my iPhone

From: [Kelly King Horne](#)
To: [Redistricting](#)
Subject: Comment on redistricting: partisan gerrymandering
Date: Wednesday, November 10, 2021 1:04:01 PM

EXTERNAL EMAIL

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Ms. Abernathy,

I am very concerned about the nomination of partisan individuals as special masters in the Supreme Court's redistricting efforts. Virginians deserve fair representation. The nominees submitted by Del. Gilbert and Sen. Norment include an individual who received an undisclosed payment from the Virginia Senate Republicans and two individuals with a history of partisan gerrymandering identified by a federal court.

Thank you for your attention to this urgent and important matter,
Kelly King Horne

From: [BJ Mabie](#)
To: [Redistricting](#)
Subject: Redistricting
Date: Wednesday, November 10, 2021 1:08:24 PM

EXTERNAL EMAIL

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>
> To Whom It May Concern,
>
> I am writing to request that the redistricting please be nonpartisan and i request that those selected are experts in their field. This initial Redistricting, following the adoption of the amendment sets an important precedent.
>
> Please order the Republicans to engage 3 neutral, nonpartisan map masters who are acknowledged experts in their fields.
> Thank you for your help in this very important matter.
>
> Joyfully,
> Jenn Mabie
>
>

From: [Loper, Ann B \(abl2x\)](#)
To: [Redistricting](#)
Subject: Charlottesville and Albemarle
Date: Wednesday, November 10, 2021 1:09:32 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

I am writing to strongly urge you keep Charlottesville and Albemarle together for districting purposes. The adjacent areas have economic ties and cultural ties. Please resist partisan gerrymandering efforts to carve the area unreasonably.

Respectfully,
Ann Loper
1822 Yorktown Drive
Charlottesville, VA

From: [James Schoenster](#)
To: [Redistricting](#)
Subject: Special Master Nominees
Date: Wednesday, November 10, 2021 1:11:25 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Greetings,

It has come to my attention that a decision will be made regarding special master nominees. Virginia Senate and House Democrats have set an example in submitting special master nominees who are leading respected academics in the fields of political science, demographics, and law. We hope Republicans will do the right thing for the Commonwealth and choose new nominees whose participation in this important process will ensure Virginians have fair representation in state and federal government.

Thomas Bryan was paid \$20,000 by Virginia Senate Republicans on 9/3/2021, a fact that the Senate Republican Caucus did not disclose to the Court in nominating him. Adam Kincaid is the current Executive Director of the National Republican Redistricting Trust, and has previously worked for the Republican National Committee, the National Republican Congressional Committee, and the Republican Governors Association. A federal court found that he engaged in partisan gerrymandering in Ohio in 2010. Adam Foltz is a long-time Republican operative who worked on the map-drawing in Wisconsin in 2010, where a federal court found that he engaged in partisan gerrymandering. He has also been retained this year in Texas as they draw their legislative and congressional maps.

I implore you to reject these nominees and give Republicans a chance to reconsider their choices.

Sincerely,
James Schoenster



Virus-free. www.avast.com

From: [Scott Silvers](#)
To: [Redistricting](#)
Subject: Special Master Nominees
Date: Wednesday, November 10, 2021 1:12:12 PM

EXTERNAL EMAIL

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To Whom It May Concern:

I am writing to you concerning the special master nominees submitted by Republicans Delegate Todd Gilbert and Senator Tommy Norment to assist the Court in the redistricting. These nominees, Thomas Bryan, Adam Kincaid, & Adam Foltz, have already demonstrated extreme bias towards the Republican party, Mr. Bryan having recently accepted a large payment from the VA Senate Republicans and Mr. Kincaid & Mr. Foltz have both been found in federal court to have engaged in partisan gerrymandering. Based on these nominees backgrounds it is obvious that the Republican Party in VA is making efforts to use the redistricting process to gerrymander VA districts in their favor, defeating the entire purpose behind the 2020 2020 Virginia Redistricting Commission Amendment.

Please reject these nominees. The people of the Commonwealth of Virginia deserve a redistricting process that is as impartial as can reasonably be expected.

Thank you for your time,
Scott Silvers

From: [Ari Ghasemian](#)
To: [Redistricting](#)
Subject: Public comment
Date: Wednesday, November 10, 2021 1:12:30 PM

EXTERNAL EMAIL

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Dear Clerk,

I write to express my wish that blatant, naked partisanship not be allowed to infect the redistricting process more than it has. I urge the justices to consider first and foremost nominees' academic credentials, as well as to look disfavorably upon nominees who earn their living on the payroll of only one political party. I urge the justices to salvage this year's flawed process by considering the legislators' and voters' intent in approving Amendment 1.

Thank you for your service, and thank you for your attention in this matter.

Best,
Ari Ghasemian
1703 Briar Ridge Rd
McLean, VA 22101

Sent from my iPhone

From: [Pat smith](#)
To: [Redistricting](#)
Subject: Redistricting Albemarle and Charlottesville
Date: Wednesday, November 10, 2021 1:13:28 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

As a resident of this area I am writing to say the two jurisdictions need to remain together. I'm hopeful you will remain bi-partisan on this issue. Let's not be like Texas.

Sent from Pats iPhone

From: annettenelms@aol.com
To: [Redistricting](#)
Subject: Master Nominees to the VA Redistricting Process
Date: Wednesday, November 10, 2021 1:17:57 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

I am writing today to request that you disqualify the Republican party's special master nominees to the Virginia redistricting process.

Republican Delegate Todd Gilbert and Republican Senator Tommy Norment are currently on the payroll of Republican organizations. It is clear that these individuals will make no effort to draw fair maps in determining future voting districts. The people of Virginia deserve fair voting maps that allow their votes to matter and not be weakened through partisan gerrymandering. Accordingly, I hereby request that you disqualify the nominations of Thomas Bryan, Adam Kincaid, and Adam Foltz.

From: [Sally Thomas](#)
To: [Redistricting](#)
Subject: Drawing the lines in the Piedmont
Date: Wednesday, November 10, 2021 1:18:00 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

A request to the Supreme Court in redistricting decisions.

Please observe the very obvious community of interest that holds together Charlottesville and Albemarle. For some years, this community has been divided in non-sensical ways. On a flat piece of paper, it may seem that we are close to Augusta County, but that mountain is a serious divide that has stood for generations. In the last election, Albemarle County had to produce 9 distinct versions of ballots in order to let voters cast correct ballots, due to House of Delegate boundaries' meandering across the countryside. With a concern for voters' sanity and their interest in participating, please keep us together.

Thank you for your service.

Sally Thomas

(former Albemarle County Board of Supervisors member)

500 Crestwood Drive

Charlottesville, VA 22903

From: [Tim Hickey](#)
To: [Redistricting](#)
Subject: Tim Hickey Redistricting Public Comments
Date: Wednesday, November 10, 2021 1:18:03 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Muriel-Theresa Pitney
Clerk of the Virginia Supreme Court
100 North Ninth Street, 5th Floor
Richmond, VA 23219

To Whom It May Concern,

My name is Tim Hickey. I am a resident of Albemarle County, Virginia, and was a 2019 candidate for the House of Delegates in the 59th District. Pursuant to Rule 4 under the Rules and Procedures for Implementing the Requirements of Article II, Section 6-A of the Constitution of Virginia, I am submitting my comments to you regarding redistricting.

House of Delegates Map: Please keep Albemarle County as unified as possible to maintain our community of interest and allow us to live in fair, compact House of Delegates Districts. Specifically, please include us in only 2 House Districts. One District should be Charlottesville and some portion of Albemarle. The second District should be the rest of Albemarle and our neighbor to the south, Nelson County, with whom we share a community of interest. This would be a fair treatment of our county.

Unfortunately, for the past decade the people of Albemarle County have been fractured across 4 House Districts. This divides neighborhoods, separates families and friends, sows confusion among residents, breeds apathy, dilutes our ability to participate in the political process, and muzzles the voices of the people in state-level government. You can keep Albemarle County in 2 Districts in the way I have described above by doing something the Redistricting Commission was not able to do: **compromise**. Specifically, a compromise between proposed maps A7 and B6 offers a path forward for a fair treatment of Albemarle County. One negative aspect of Map A7 is that it slices Albemarle into 3 Districts. This would lead to the same negative results that we experience under the current map. That is simply not acceptable. In contrast, Map B6 keeps Albemarle in 2 compact Districts, thereby maintaining our community of interest. This is much better for the people here. However, Map B6 draws Albemarle County in with a piece of Augusta County. GOP Commissioners specifically objected to this proposal because there are mountains between Augusta and Albemarle. To address that concern directly, we can look to Map A7, which combines Nelson County with Albemarle County. This solution has the benefit that Nelson County has roughly the same population as the portion of Augusta County included with Albemarle under Map B6. Thus, it should be a relatively easy fix in terms of map drawing. In sum, dividing Albemarle County into any more than 2 Districts would be a betrayal of the people here. Please draw a fair map for our area by keeping us into the 2 Districts I have described.

Congressional Map: With regard to the Congressional Map, our area is currently in the heavily gerrymandered, non-compact 5th District. The Congressional maps proposed by the GOP members of the Redistricting Commission were unfortunately egregious partisan gerrymanders. Please proceed in good faith in ensuring that we have an opportunity to choose our Representative in a compact, fairly-drawn District that maintains communities of interest and rejects bad faith partisan efforts to gerrymander us for another decade.

Republican Proposed Special Masters: The three proposed Special Masters by the Republican

caucus have disqualifying conflicts of interest. They are partisan operatives who will erode the faith of the people of Virginia in the maps produced by this Court. I urge you to direct the Republican caucus to do as the Democratic caucus has done and put forward unbiased nominees.

Thank you.

Tim Hickey
Albemarle County, Virginia

From: jdkinkaid@gmail.com
To: [Redistricting](#)
Subject: Redistributing
Date: Wednesday, November 10, 2021 1:20:29 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

You do not need a partisan person to oversee redistributing.

Jack Kinkaid

Sent from my iPhone

From: [David Saunier](#)
To: [Redistricting](#)
Subject: Albemarle and Charlottesville
Date: Wednesday, November 10, 2021 1:24:42 PM

EXTERNAL EMAIL

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Having been raised in Charlottesville, and now living in Albemarle and working in Charlottesville, I can say that from a geographic, economic, and cultural standpoint, the two entities should be together in any redistricting map.

Thanks,

David M Saunier, M.A.
235 Reas Ford Road
Earlsville, VA 22936
(434) 953-6220
dmsaunier@gmail.com

From: [Sarah Mournighan](#)
To: [Redistricting](#)
Subject: Republican Special Masters - Redistricting
Date: Wednesday, November 10, 2021 1:28:00 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

To Whom this May Concern,

As a longtime resident of Alexandria, VA I am writing to concur with the Virginia Senate Democrats that the special masters suggested by the Virginia republicans have too many conflicts of interest to serve in this role.

All of them are long-time operatives with the republican party, including past experiences redistricting in order to maintain republican majorities. I firmly believe that none of these nominees will act within the spirit or the letter of the constitutional amendment passed by Virginia. The goal of this constitutional amendment is to keep politics out of redistricting and have the voters pick their representatives and not the other way around. I implore you to reject those special masters and ask for a new slate for the republicans, or just disqualify them outright in favor of a non partisan special master.

Thank you for your consideration.

Sarah Mournighan
Alexandria, VA.

From: [art fonzie](#)
To: [Redistricting](#)
Subject: Disqualify the GOP's special master nominees
Date: Wednesday, November 10, 2021 1:37:00 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

To whom it may concern,
Virginia Senate Democrats have submitted a letter asking the Supreme Court of VA to disqualify Thomas Bryan, Adam Kincaid and Adam Foltz from assisting in the redistricting process. Appointing partisan political operatives to participate in redistricting is not what the people of VA had in mind when they voted to change the process. This is unacceptable and I ask you to reject the GOP's nominees. These candidates have all been paid by the Republican party in the past for their work and thus this is a clear conflict of interest.

Thanks,
Kelly Gotschalk
N. Chesterfield, VA

From: [Robert Tate](#)
To: [Redistricting](#)
Subject: Please disqualify Republican special master nominees for the redistricting process, for the sake of all Virginians
Date: Wednesday, November 10, 2021 1:37:01 PM

EXTERNAL EMAIL

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Honorable members of the Virginia Supreme Court:

I am writing in support off the written request of Virginia Senate Democrats that you disqualify the special master nominees submitted by Virginia Republican party officials.

Democratic members of Virginia's legislature submitted special master nominees who are leading respected academics in relevant fields. To permit the individuals submitted by the Virginia Republican party to serve as special masters would make a mockery of this process and would violate the conflict of interest protections incorporated into the consitutional amendment to help avert such an outcome.

The public must have confidence in both the process and the outcome of this process, such that the new boundaries will be fair and will not amount to a partisan power play.

If the process does result in a partisan outcome, the public will know this, and the integrity and nonpartisan reputation of the Virginia Supreme Court will take a major hit.

The relevant facts about the Republican special master nominees that would create obvious and major credibility problems for this process if they are permitted to perform these roles, as I understand them, are as follows:

Thomas Bryan was paid \$20,000 by Virginia Senate Republicans on 9/3/2021, a fact that the Senate Republican Caucus did not disclose to the Court in nominating him.

Adam Kincaid is the current Executive Director of the National Republican Redistricting Trust, and has previously worked for the Republican National Committee, the National Republican Congressional Committee, and the Republican Governors Association. A federal court found that he engaged in partisan gerrymandering in Ohio in 2010.

Adam Foltz is a long-time Republican operative who worked on the map-drawing in Wisconsin in 2010, where a federal court found that he engaged in partisan gerrymandering. He has also been retained this year in Texas as they draw their legislative and congressional maps."

These facts establish clear, disqualifying conflict of interest, in each case.

Virginians of all and no political affiliations across the Commonwealth need you to do the right thing and disqualify these individuals from serving as special masters.

Thank you for listening.

Very respectfully submitted.

Sincerely,

Robert Tate
6320 Mori Street
McLean, Virginia 22101

From: [Sheila Haughey](#)
To: [Redistricting](#)
Subject: Charlottesville and Albemarle County
Date: Wednesday, November 10, 2021 1:39:15 PM

EXTERNAL EMAIL

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I moved to Virginia in 1979 and we lived in Albemarle County until my husband, Lloyd Snook, and I bought our first home in Charlottesville in 1980. We have lived in Charlottesville ever since and we practice law together here. When you draw the maps to re-district, please keep Charlottesville and Albemarle County together as much as possible on every map. We definitely share a community of interest, which we do to a much lesser extent with some of the rural counties not contiguous with the City with which we have sometimes been lumped for voting purposes.

Thank you.

Sheila C. Haughey, VSB # 19130
Snook & Haughey, P. C.
408 East Market Street, Suite 107
P. O. Box 2486
Charlottesville VA 22902
434.293.8185 tel
434.295.0698 fax
schaughey@snookandhaughey.com

From: [Network NOVA](#)
To: [Redistricting](#)
Subject: Disqualification of Special Master Nominees
Date: Wednesday, November 10, 2021 1:55:42 PM

EXTERNAL EMAIL

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Please disqualify the special master nominees submitted by Republicans Delegate Todd Gilbert and Senator Tommy Norment to assist the Court in the redistricting. These individuals: Adam Foltz, Adam Kincaid and Thomas Bryan do not have the expertise or experience to qualify and have been either paid by the Republicans and/or long time and known Republicans.

Stair Calhoun

Fairfax County

From: [Stair Calhoun](#)
To: [Redistricting](#)
Subject: Fwd: Disqualification of Special Master Nominees
Date: Wednesday, November 10, 2021 1:59:13 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

The special master nominees submitted by Republicans Delegate Todd Gilbert and Senator Tommy Norment to assist the Court in the redistricting, Adam Foltz, Adam Kincaid and Thomas Bryan do not have the expertise or experience to qualify as a master and have been either paid by the Republicans and/or long time and known Republicans. Please do not accept these nominations.

Michael Calhoun

Fairfax County

From: [Linda Dunham](#)
To: [Redistricting](#)
Subject: Redistricting
Date: Wednesday, November 10, 2021 2:00:34 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

To the Clerk of the Supreme Court of Virginia:

The nonpolitical distribution of voters into fair voting districts is imperative for democracy to survive.

Sadly, one side of the discussion wishes to add lobbyists of their cause to the debate. I believe the Republican roster of special masters is not a contribution to fairness and equity but an attempt to eliminate equity and fairness.

I hope the court will support fair and equitable districting by rejecting the Republican roster and by compelling the Republicans to submit a less biased list of names.

Yours respectfully,

Linda Dunham

Richmond, VA 23227

Sent from my iPhone

From: [Jim Pyles](#)
To: [Redistricting](#)
Subject: Keep Charlottesville and Albemarle County united
Date: Wednesday, November 10, 2021 2:02:41 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Dear sirs and madam,

Please eliminate the gerrymandering that has resulted in the democratic residents of Charlottesville and Albemarle County being disenfranchised for the past ten years. Believing that your vote counts is the foundation of our representational democracy. Charlottesville and Albemarle County should be in their own Congressional District. Former residents of Albemarle County, Mr. Jefferson and Mr. Madison, would want you to do this. Charlottesville and Albemarle County should be in their own Congressional District.

This is an opportunity for you to make Virginia great again.

James Pyles
5714 Upland Drive
Crozet, Virginia 22932
jcpyles44@gmail.com

From: [Will Harvey](#)
To: [Redistricting](#)
Subject: Albemarle County and City of Charlottesville
Date: Wednesday, November 10, 2021 2:15:27 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

I respectfully submit that with redistricting these 2 jurisdictions should remain in the same congressional district. Thank you. William B. Harvey, 2721 Timberlake Road, Charlottesville (Albemarle County) Virginia 22901

Virginia wants to prevent gerrymandering. Can a mathematician help?

By Steve Thompson

September 06 at 6:00 AM ET

When Virginians voted last year to create a commission to draw the state's political districts, many hoped to head off the partisanship that has marred previous redistricting efforts.

Gerrymandering — rigging maps to favor a political party or candidate — has long been used by incumbents in Virginia and elsewhere to hold onto or expand political power. Both parties agree it damages the integrity of elections, but the complexities of map drawing make it difficult to prevent.

Now Virginia's commission is considering an offer of help from someone accustomed to solving complex problems: a mathematician.

Moon Duchin, a math professor at Tufts University who specializes in geometry, has been immersed in redistricting problems since 2016, when she taught a class on voting theory.

Duchin figured the field of geometry ought to be able to help. She soon founded the MGGG Redistricting Lab, an effort to apply data science to redistricting.

The lab, which grew out of an informal research collective called the Metric Geometry and Gerrymandering Group, has helped refine techniques that construct representative samples of the universe of valid redistricting maps for a given jurisdiction. When human-generated maps deviate far from statistical norms, it can be a dead giveaway of gerrymandering or some other agenda, Duchin and other mathematicians say.

[Virginians approve turning redistricting over to bipartisan commission]

In 2018, Pennsylvania Gov. Tom Wolf (D) hired Duchin to evaluate the fairness of a congressional map revised by legislators, after that state's Supreme Court ruled that a previous map was an illegal gerrymander. Duchin found the new map's "bias in favor of Republicans [was] extremely unlikely to have come about by chance," she later wrote, putting the odds at roughly 0.1 percent.

In 2019, Duchin's lab organized a group of mathematical and legal experts to file an amicus brief to the U.S. Supreme Court about the new mathematical method. They touted what they said was an emerging scientific consensus that computer sampling techniques can help distinguish maps drawn to conform to aboveboard and transparent goals — such as creating compact districts and keeping communities together — from maps created with hidden agendas like partisan gerrymandering.

In that landmark case, *Rucho v. Common Cause*, the court ultimately ruled that federal judges do not have the power to stop politicians from drawing electoral districts to preserve or expand their party's power.

Duchin has worked with commissions and groups across the country, including the Michigan Independent Citizens Redistricting Commission, the People's Maps Commission in Wisconsin, and Arizona's Independent Redistricting Commission. Her work has flagged numerous instances of gerrymandering by both parties.

Last month, she offered her services to Virginia's redistricting commission. The bipartisan commission, which has an equal number of Democratic and Republican members, has faced traditional partisan pressures. The members voted 10 to 4 this summer to hire two sets of lawyers — one Democratic and one Republican — to make sure neither party gets an edge. Then they voted to hire two different map drawers as well.

The Democratic lawyer, Gerald Hebert, told commissioners at their Aug. 23 meeting that he approached Duchin's team to be his map drawer. She declined, saying she didn't want to work for one side or the other. So Hebert selected another map drawer and proposed that the commission hire Duchin to consult for both sides, perhaps to help evaluate their proposed maps.

[Virginia's bipartisan redistricting commission struggling with partisan pressures]

The commission's co-chair, Greta J. Harris, a Democrat, greeted the offer warmly.

"I am thrilled that Ms. Duchin is on the call," said Harris, one of the commission's nonlegislative members, after Duchin was introduced by phone at the meeting. "The work that I have looked at that her lab does really tries to strip out the partisan nature that can be so prevalent in any redistricting process."

It remained unclear what others on the commission thought of the idea. A Republican-side lawyer, Bryan Tyson, said at the meeting that he needed more time to consider it.

"I could see some value depending on what it is," he said. "But I want to understand what are kind of the contours of it."

The commissioners have pledged to avoid speaking about the redistricting process outside of public meetings, and several members either declined to comment or did not return messages from The Washington Post. Harris declined to comment, except to say that she expected the decision of whether to hire Duchin to be discussed at a coming meeting.

Virginians overwhelmingly approved a constitutional amendment last fall to create the commission rather than continuing to allow the General Assembly to draw the state's political districts. The process unfolds every 10 years, based on data from the U.S. census.

The commission has 45 days to submit new maps to the General Assembly. If the commission fails to agree, or if the legislature rejects the plan, the Supreme Court of Virginia would create the new maps.

The commission's creation came after years of court battles over gerrymandering. The maps in place now were created by a special master after federal courts repeatedly found that maps by Virginia Republicans unconstitutionally packed Black voters into a handful of districts.

A 2018 white paper by Duchin's lab found that a plan for the House of Delegates put forward by Democrats similarly diluted the Black vote.

Duchin said in an interview that she wants no part of any partisan agenda. Rather, she seeks out work "where you can kind of call balls and strikes," she said.

"I'm a mathematician who uses open-source algorithms, open-source computer programs," she said. "Meaning not only is there a body of literature behind it that was developed outside of the political context, but also all the algorithmic stuff we do is completely transparent, because anybody can go look at the code and understand how it works."

A technique Duchin relies on, which she and others have called "the method of ensembles," works by randomly creating tens of thousands of maps drawn according to whatever priorities the computer is given. The result is a collection — or ensemble — of thousands of maps that mirror the much larger number (often trillions upon trillions) of maps that could be drawn in the same jurisdiction under those priorities.

The ensembles can help solve a problem that has long bedeviled map drawers: a lack of neutral benchmark maps, Duchin said.

[Redistricting battles kick off early as Democrats scramble to try to cut into GOP advantages]

“You’ll see people arguing, for instance, about whether if you did party-blind redistricting, would you get an outcome that’s proportional to the vote? Is that kind of the state of nature?” she said. “People have been fighting about that for at least many decades, if not longer.”

In recent years, and with the help of refinements by Duchin’s lab, mathematicians have learned to harness computing power to create such benchmarks.

“There are fast and efficient algorithms that build you a lot of plans,” Duchin said. “Not only are they numerous, but you can explain how they’re distributed in the world of possibilities. That’s new, and it’s kind of exciting.”

Many people approach redistricting with an intuitive sense that a state should elect representatives of each party in proportion to that party’s voters. Under this concept, called proportionality, where a party has 40 percent of voters, it should get 4 out of 10 political representatives.

But mathematical research shows that because of political geography and demographic patterns — how densely or spread-out voters for different parties are, for instance — things don’t necessarily work out that way naturally. Duchin says getting rid of gerrymandering does not mean getting rid of the partisan advantages that geography and demographics create; it means stopping people from intentionally orchestrating partisan advantage.

“The opposite of gerrymandering isn’t proportional representation; the opposite of gerrymandering is not gerrymandering,” Jordan Ellenberg, a math professor at the University of Wisconsin and a co-author of the 2019 mathematicians’ brief to the Supreme Court, wrote in an essay in Slate that Duchin likes to quote.

And although Duchin advocates computing power as a potentially game-changing tool, she doesn’t propose taking humans out of the process.

“In all the different states, as we approach redistricting now and into the future, we need to keep on having these debates about what principles we want embodied in our maps,” she said.

“Different states will come to different ideas about local fairness, about what fairness looks like there. I hope that they’ll use techniques like this to help them get closer to those ideals.”

From: [Jenny Seitz](#)
To: [Redistricting](#)
Subject: objections to Republican nominees to committee
Date: Wednesday, November 10, 2021 2:28:33 PM

EXTERNAL EMAIL

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I would like to formally and strongly object to the nominations put forth by the Republican Caucus for the Virginia Redistricting Committee. They should be disqualified on the following grounds.

Adam Kincaid was found to have engaged in partisan gerrymandering in Ohio after the last census.

Adam Foltz was also found to be engaged in partisan gerrymandering in Wisconsin in 2010.

Thomas Bryan was paid \$20,000 in September 2021 by the Virginia Senate Republicans. That would certainly put him under a cloud of suspicion that they would unduly influence his decisions.

These 3 men should not be allowed to make any decisions regarding the redistricting in Virginia.

Sincerely,
Jenny Seitz

From: George.Moore@Vre4vets.com
To: [Redistricting](#)
Subject: Redistricting
Date: Wednesday, November 10, 2021 2:28:34 PM

EXTERNAL EMAIL

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Do not appoint a partisan operative to oversee the process. Select a nonpartisan person.

George Moore
Partner, VR&E Service For Veterans, LLC
804-405-1518
Fax: 1-800-878-2824
George.Moore@vre4vets.com

From: [Rosemary Lawler](#)
To: [Redistricting](#)
Subject: Republican special master nominees
Date: Wednesday, November 10, 2021 2:31:11 PM

EXTERNAL EMAIL

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Good afternoon,

I ask that the current Republican special master nominees be disqualified.

The point of the redistricting amendment passed a year ago was to end the abhorrent practice of partisan gerrymandering of legislative districts. No one who voted for that amendment - myself included - expected the process to end up being administered by special masters. That the committee was unable to complete its job due to extreme partisan logjams, moving the work of redistricting to the courts, just proves that partisans should have no place in the process.

Republicans have nominated candidates who have been, or currently are, paid party operatives, two of whom have participated in gerrymandered redistricting processes in other states. It is a slap in the face to voters who want fairly drawn districts, and who thought the amendment passed would do away with gerrymandered districts, that Republicans chose these specific nominees. There are many, many non-partisan academics, legal scholars, demographic experts, and political science scholars who would make far better special masters, truly in keeping with the spirit of the amendment and the will of the people who voted for it a year ago.

Please disqualify the current Republican nominees.

Thank you,
Rosemary Lawler
15483 Limestone School Rd
Leesburg, VA 20176
703-795-0486

From: [Joan Maples](#)
To: [Redistricting](#)
Subject: Nonpartisan Redistricting
Date: Wednesday, November 10, 2021 2:31:53 PM

EXTERNAL EMAIL

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To whom it may concern:

Our courts are intended to be free of politics—which is why conflict of interest provisions in the enabling legislation for the nonpartisan redistricting constitutional amendment were enacted. Three candidates' backgrounds do not meet these provisions. Below are reasons why I do not want the candidates named below presented as nominees.

Thomas Bryan was paid \$20,000 by Virginia Senate Republicans on 9/3/2021, a fact the Senate Republican Caucus did not disclose to the Court when nominating Bryan.

Adam Kincaid is current Executive Director of the National Republican Redistricting Trust, and has previously worked for the Republican National Committee, the National Republican Congressional Committee, and the Republican Governors Association. A federal court found that Kincaid engaged in partisan gerrymandering in Ohio in 2010.

Adam Foltz is a long-time Republican operative who worked on the map-drawing in Wisconsin in 2010, where a federal court found he engaged in partisan gerrymandering. Foltz has also been retained this year in Texas as Texas draws its legislative and congressional maps.

Please know the above three candidates are extremely biased and inappropriate persons to work on redistricting maps in Virginia.

Thank you.

Joan B. Maples

14109 Rigney Drive
Midlothian, VA 23113

From: [Hughes, Jenefer](#)
To: [Redistricting](#)
Subject: Regarding the nomination of a Special Master
Date: Wednesday, November 10, 2021 2:36:02 PM

EXTERNAL EMAIL

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Honored Justices of the Virginia Supreme Court,

I am writing to request that you consider nominations for a Special Master who is non-partisan, highly qualified and has a track record of independence and adherence to both the letter and spirit of the law. Citizens overwhelmingly voted for the Redistricting Constitutional Amendment in November 2020, on the understanding that it would eliminate partisanship and incumbency protection. I ask you to consider the intent of the voters during this nomination process.

The Special Masters' nominated by members of the Republican Senate caucus have demonstrated that they are partisan and have/will, based on reported evidence, engage(d) in gerrymandering districts in favor of the Republican Party of Virginia and the Republican legislative caucuses.

As an elected official, I strongly belief that we gain the trust of citizens by listening to and serving them. Voters have the right and the obligation to choose who represents them. Gerrymandering and incumbency protection distorts those rights and obligations, and serves to disenfranchise voters. I trust you to uphold the independence of the 2021 redistricting process and I ask you to reject those nominees selected by the Republican caucus and appoint an independent Special Master.

Thank you for your service to the Commonwealth of Virginia.

Kind regards,

Jenefer Hughes, MBA, ACA

Commissioner of the Revenue

Tel: (804) 748-1281

Fax: (804) 768-8649

PO Box 124

Chesterfield, VA 23832

cor@chesterfield.gov

“Elected to Serve”



In order to protect the safety of taxpayers and staff and slow the spread of COVID-19, we encourage you to connect with us virtually. Most transactions with our office can be done by email, phone, or through the mail. Please visit our [website](#), send us an [email](#), or call us at 804-748-1281 weekdays from 8:30 a.m. to 5:00 p.m. If you choose to visit in person, please contact our office in advance as appointments are required.

From: [Fred Hussain](#)
To: [Redistricting](#)
Subject: Response to Virginia state Senator Richard Saslaw's letter to disqualify Republican special master nominees
Date: Wednesday, November 10, 2021 2:35:31 PM

EXTERNAL EMAIL

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To whom it may concern,

My name is Fred Hussain and I am a resident of Dumfries, Virginia writing to you in response to the November 8th letter from Virginia Senate Majority Leader Richard L. Saslaw's to the Supreme Court of Virginia regarding Senator Saslaw's request to disqualify the list of Republican nominees for special master to redraw both the General Assembly and Congressional districts. As a Virginia resident, I support Senator Saslaw's request to disqualify the following Republican nominees being considered for special master: Thomas Bryan, Adam Foltz and Adam Kincaid.

I have been a Virginia resident nearly all of my life and I have witnessed in previous redistricting sessions where the elected members of the General Assembly have redrawn both the legislative and Congressional districts to benefit the legislators' interests. With the passing of the Constitutional Amendment last year to shift the redistricting responsibilities from the General Assembly to a bipartisan redistricting commission, voters in the Commonwealth hoped that the politics would be mitigated with the commission working together in coming up with these maps. However, it appears that the members of the state Republican Caucus, whom provided these three nominees, have an underlying interest to retain the status quo for maintaining their power in the General Assembly without regard to the change in demographics in every region across the Commonwealth over the past decade. Their disguise of being cooperative in the redistricting process while masking their resistance of working in a nonpartisan manner contradicts the rules set fourth in the Constitutional Amendment.

As for the nominees provided by the Democratic Caucus, I support all three nominees who each have the experience to perform this task and ensures that the newly created districts are in full compliance with Federal and Virginia laws. Specifically, I have full support for Bernard Grofman--the political science professor from the University of California, Irvine--who was previously selected as the special master to redraw the 3rd Congressional district back in 2016 and the 25 Virginia House of Delegates districts in 2018. From his work as special master, Mr. Grofman created these districts not only to become competitive in elections but that to become more compact and to minimize splitting communities. If Mr. Grofman is selected, I will feel confident in his ability to redraw both Congressional and General Assembly districts and that future elections, over the next 10 years, will increase voter interest.

In closing, the Constitutional Amendment to establishing the redistricting commission is not perfect as what the voters hoped. I still have hope that the Supreme Court of Virginia will honor the message that voters want to have districts be implemented in a nonpartisan manner and also the districts are designed to represent communities with a strong diverse background.

Selecting one from the three Democratic nominees as the special master will achieve that goal.

I look forward to the next steps that the Supreme Court of Virginia will take in the redistricting proceedings. Thank you for the opportunity to provide my response on the redistricting process.

Sincerely,

Fred Hussain

bannerscore@gmail.com

From: [Jay Cuasay](#)
To: [Redistricting](#)
Subject: GOP Special Master Nominees are not qualified
Date: Wednesday, November 10, 2021 2:36:47 PM

EXTERNAL EMAIL

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To whom it may concern:

I am a resident of Sterling VA and am writing to request that the nominees put forward by the Republican Party be disqualified from serving in the redistricting process. I, like many other voters, want maps drawn for free and fair elections. This can only be done when political partisanship is taken out of the equation. Democrats have put forward professionals in the fields of demographics, political science, and law. Republicans have put forward House Delegate Todd Gilbert and Senator Tommy Norment, both are Republican elected officials and clearly not non-partisan.

Other people involved are Thomas Bryan was paid \$20,000 by Virginia Senate Republicans on 9/3/2021, a fact that the Senate Republican Caucus did not disclose to the Court in nominating him; Adam Kincaid is the current Executive Director of the National Republican Redistricting Trust, and Adam Foltz is a long-time Republican operative who worked on the map-drawing in Wisconsin in 2010.

This cannot be what citizens voted for when they wanted maps redrawn for free and fair elections. I strongly urge the VA Supreme Court to disqualify these Republican partisans seeking to be special masters nominees.

Jay Cuasay
Sterling, VA

To the Honorable Members of the Supreme Court of Virginia:

Dear Justices:

A heavy burden of responsibility has been laid upon you to draw the districts for the Commonwealth of Virginia for the next 10 years. I urge you to step back from the divisive and partisan voices in your ears and use competent professional demographers to assist in the drawing of these lines and NOT make the mistake the Commission made by using partisan party politics to oversee your process. The voters of Virginia THOUGHT they had voted for an Amendment that would end Gerrymandering. They were wrong. The partisan aspects woven into the Commission became its undoing. Please do not let it continue. Use non-aligned professional staff.

In addition The amendment and the statutes surrounding it emphasize the importance of keeping jurisdictional boundaries as a priority. Albemarle County and the City of Charlottesville which it surrounds have within 12,000 citizens of qualifying for 2 members of the House of Delegates. In Central Virginia, Charlottesville/Albemarle is the mecca for jobs, planning districts, entertainment and shopping not only for itself but also for the surrounding counties. **PLEASE DO NOT DIVIDE CHARLOTTESVILLE/ALBEMARLE INTO MORE THAN 2 HOUSE OF DELEGATES DISTRICTS.** Instead of sensibly adding 12K citizens to Charlottesville/Albemarle from any of the willing surrounding counties, the Gerrymandering mapmakers of the last several decades have chosen to send the citizens of Albemarle to far flung districts in Greene County, Augusta County, Orange County and even Lynchburg, both diluting their influence and vastly increasing the difficulty of having any significant access to their elected representatives. Please right these wrongs and keep our community intact.

Highest regards and gratitude for your service to the citizens of the Commonwealth,

Linda G. Perriello Albemarle County

415 Grassmere Road 22903

Lindagperriello@gmail.com

434.825.8275

From: wein.nancy@gmail.com
To: [Redistricting](#)
Subject: Selection of candidates for special masters for redistricting in Virginia
Date: Wednesday, November 10, 2021 3:05:18 PM

EXTERNAL EMAIL

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Dear Supreme Court members:

I am writing to add my voice to those who are opposed to the candidates for special masters that have been proposed by the Republicans. I will refrain from copying the comments already given by many others.

We Democrats have tried to play fair in this. I supported the Constitutional Amendment last year even though I thought that the Democrats would have the upper hand in the redrawing of the districts. I do not want partisan lines drawn in either direction. And the Democrats have nominated nonpartisan academics who have experience and a track record of fairness. The Republicans have once again shown their true colors and nominated political operatives with a history of proposing partisan gerrymandering. Please disqualify these individuals and force the Republicans to nominate people who will play by the rules of fairness.

I live in a purple district myself (especially the HofD and the Congressional districts) and I want to continue to have a fair election in which the result is not based on unfair gerrymandering.

Thanks for your attention to this matter.

Nancy Wein
Chesterfield County

Currently – 7th district Congressional, 27th district House of Delegates, and 11th district Senate.

From: [Charles Stanton](#)
To: [Redistricting](#)
Subject: CD 2
Date: Wednesday, November 10, 2021 3:10:43 PM

EXTERNAL EMAIL

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Thank you for taking my comments into consideration.

I am dumbfounded how the 2nd congressional district fails to be consolidated into communities of interest. The current district snakes from the Eastern Shore through Norfolk and crisscrossing up the Virginia Peninsula. This is just crazy.

CD 2 should be a South Hampton Roads anchored district. Norfolk and Virginia Beach are tied to the Norfolk Naval Base with all the active duty and veterans who reside here. Why not have a Newport News/Hampton anchored peninsula district and the Norfolk/VB district. For that matter, a Chesapeake/Portsmouth might be considered for a 3rd sea anchor.

Please consider a Norfolk/VB district for CD2.

One other point. End the precinct spitting. If communities of interest are important, it would seem neighbors in a precinct are this by definition!

Charles F. Stanton
Norfolk, VA
757-344-2277

From: [juanita thorne](#)
To: [Redistricting](#)
Subject: Virginia Redistricting Concerns
Date: Wednesday, November 10, 2021 3:27:00 PM

EXTERNAL EMAIL

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TO ALL CONCERNED:

As a lifelong resident and voter of Virginia I request that you disqualify the special master nominees submitted by Republicans Delegate Todd Gilbert and Senator Tommy Norment to assist the Court in redistricting.

I did not think that maps would be drawn by partisan operatives when I voted to approve the nonpartisan redistricting constitutional amendment in 2020. The GOP's nominees are currently on the payroll of Republican organizations; They cannot be trusted to draw fair maps in a transparent and inclusive way .

Courts are supposed to be free of politics—The Republican caucuses have asked the Supreme Court of Virginia to effectively sanction **partisan** map drawing - this is not free of politics it is quite the opposite.

Sincerely,

Juanita R. Thorne
Prince George, Virginia

From: [Tina Takach](#)
To: [Redistricting](#)
Subject: Disqualify GOP special master noms
Date: Wednesday, November 10, 2021 3:29:26 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Good afternoon,

I am writing as a Virginia civics teacher, parent, and lifelong Virginian. I am concerned about the ability of the three special master nominees chosen by the Virginia republican party to redistrict our fair state.

We have come so far as a state when it comes to voting rights. We can see this is not a partisan issue because of the gubernatorial turn out and how well it went for the republican party. We had a record breaking electoral turnout thanks to good solid voting rights legislation. As a Virginian I support making voting easier and fair, and celebrate the efforts of the General assembly. We had a model election this November.

However, attempts to manipulate the redistricting process go against the foundation of our government that I'm currently teaching our students and future voters - representative government and democracy. Our state elections should reflect the will of the people, not the will of the people who draw the maps.

The people nominated by the GOP do not serve as experts in this process. They will not operate in good faith with the other party to produce maps that both sides can agree on. Those individuals have a record of being obstructionist when it comes to fair redistricting. The Virginia Supreme Court cannot allow these underqualified individuals to perform such an important task on behalf of the citizens of Virginia. The republican party must go back to the drawing board and choose three redistricting experts - not three political operatives - to draw our electoral map.

I implore you as someone who is educating future generations of citizens and civic participants. I've been teaching civics for a decade and doing my part to ensure that Virginians become lifelong voters and civic participants.

Efforts like this that feed into political climate of the time rather than the enduring fundamental principles of representative government and democracy. This type of partisanship behavior does not reflect the high standing that Virginia should hold itself when it comes to operating state government and state elections. We are Virginia for chrissake, not Florida. The country is watching us. We need to serve as a model for everyone else, as we have done for centuries.

Thank you,

Tina Takach

From: lkingboyd@aol.com
To: [Redistricting](#)
Subject: Fwd: Redistricting Appointment Concerns
Date: Wednesday, November 10, 2021 3:42:33 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

To All Concerned:

As a concerned citizen of the State of Virginia, I am requesting the disqualifying of the Special Master Nominees submitted by Delegates Gilbert and Norment to assist in the SCOVA in redistricting.

Virginia Senate & House Democrats have set an example in submitting special master nominees who are well respected academics in the fields of political science, demographics and law. It is expected the Republicans would do likewise and choose nominees whose participation will ensure fair and equal representation in State & Federal government.

The current nominees can NOT be trusted to draw fair maps. Do NOT make this a partisan & divisive issue in our State of Virginia. It is common knowledge the two gentlemen selected will not exercise fair and impartial decisions.

Lillian K. Boyd, Ph.D.
Prince George County, VA

From: [Jean Umiker-Sebeok](#)
To: [Redistricting](#)
Subject: Albemarle County and Charlottesville
Date: Wednesday, November 10, 2021 3:44:31 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

I live in Charlottesville and urge you to keep the city and Albemarle County in the same district. They are governmentally, culturally, historically and economically similar and entwined. People are crisscrossing every day for working, studying, dining, shopping, worshipping and recreating.

Thank you for preserving these natural communities for the purpose of redistricting.

D Jean Umiker-Sebeok
200 Garrett St Unit 414
Charlottesville VA 22902

--

D. Jean Umiker-Sebeok
Mobile: 812-219-1062

November 10, 2021

My name is Megan Rickman Blackwood and I am a senior majoring in political science and minoring in philosophy at Virginia Commonwealth University. I am also a redistricting fellow with Fair Elections Center's Campus Vote Project, an organization that has empowered college student voices in state redistricting processes.

The Virginia Supreme Court has been asked to step in and take over our state's redistricting process from the Virginia Redistricting Commission. I am writing to you today to advocate for your inclusion of public hearings in this process. Virginians have shown that they are interested, knowledgeable, and confident enough to engage. 78 citizens [have drawn and submitted](#) community of interest maps to the commission, 63 [have petitioned](#) for consideration of communities of interest, and hundreds have testified [at public hearings](#).

As a [Redistricting Fellow](#) with [Campus Vote Project](#), I have personally drawn and submitted maps and testified before the Virginia Redistricting Commission, advocating for campus communities throughout Virginia to be brought and kept together. Citizens have answered the call of a free and fair democracy and have engaged in this process. I implore you to continue including their voices in your decision-making process, and that you listen to those voices asking that communities of interest be kept whole in the new Congressional and State Legislative district maps you will draw.

Please see my testimonies, below, that were previously submitted to the Virginia Redistricting Commission for your ongoing consideration.

Sincerely,
Megan Rickman Blackwood

October 6, 2021

Verbal testimony provided at Virginia Redistricting Commission public hearing

Good afternoon, my name is Megan Rickman Blackwood and I am neutral for today. I am a senior at Virginia Commonwealth University and have lived in Richmond for the last ten years. I am also participating in a college student Redistricting Fellowship with Campus Vote Project, an organization that is empowering college students to have a voice in their state's redistricting process. On behalf of students at Virginia Commonwealth University, we need representatives who listen to our voices and look to understand our needs.

My campus and the Richmond community are incredibly diverse mirroring other communities throughout our melting-pot state. Nestled in the heart of Richmond, our community represents all ethnicities and faiths. Much like the first settlers who first arrived in the Americas a short distance from our campus, we have all come to VCU seeking better lives for ourselves and our families, the freedom of opportunity that comes with a good education, and a chance to pursue our happiness.

However, students are confused about who is representing them. This is because our campus and our community are divided among multiple districts at certain levels of our government. For example, looking at our Virginia House of Delegates Representatives, our campus and the surrounding communities of student housing are split between eight districts. Students looking to for off-campus housing, a challenge in the densely populated capital of our state, find themselves stratified through Congressional Districts 1, 4, and 7 for Representative in the United States. Affordable housing, located further from campus, often separates students from their peers, diluting the power of an increasingly engaged and powerful voting bloc.

Virginia Commonwealth University in Richmond needs to be considered as a Community of Interest when redrawing our district lines. We are entrusting you with the responsibility of ensuring every part of our campus is represented by the same elected officials in order to avoid confusion among voters. Because our campus is diverse in its people and ideals, I believe that this is a non-partisan matter. Because we should also have an equal voice in our government, I believe that everyone benefits from considering our campus as a Community of Interest regardless of political identity.

As students, we also contribute so much to the community. We contribute to local businesses around campus and town, we live, work, eat, and sleep in this community. I urge you all to remember, the college and university students you consider today, are statistically, the most likely population to engage in future elections. You have the unique opportunity to better their experience with democracy and help our university nurture life-long voters.

I am here today advocating for fair districts to be drawn. I believe that, if we draw fair districts, we will see more students civically engaged in the Richmond area and throughout the

state of Virginia. We will also see representatives who better reflect our community and are better able to advocate for our needs.

Thank you for your time today and have a blessed day.

October 22, 2021

Written testimony submitted to Virginia Redistricting Commission

My name is Megan Rickman Blackwood. I am a senior majoring in Political Science at Virginia Commonwealth University in Richmond, Va. I also serve as a Redistricting Fellow with Campus Vote Project, whose non-partisan parent organization is the Fair Elections Center. It is our mission at the Campus Vote Project to promote student registration, education, and turnout in a non-partisan manner while helping to empower lifelong voters. Leading field research continues to show that the development of these **critical** civic skills during early adulthood is imperative to shaping feelings of efficacy and enthusiasm about participating in democracy that follow voters throughout their lives.

I want to thank Chairwoman Babichenko and the rest of the commission here today for the opportunity to discuss the infrequent position that we are in to shape the future of our great Commonwealth. I come here today with the hope that even though this commission may disagree on social and economic issues, we can all agree that increasing the political participation of young people is something that we can work on together.

Today, I speak on behalf of over 524,932 fellow students, according to the latest numbers by the State Council of Higher Education, who are attending college and other higher educational opportunities in Virginia. After speaking with students from around the state, there is a clear and present need for this commission to ensure that colleges, technical schools, and other higher education centers are not broken up into multiple districts as they are a vital community of interest.

Unfortunately, too many students are facing the consequences of this issue across the state.

Roughly 300,000 of these students are enrolled within Virginia's Community College and Technical training programs. With the passage and funding of the G3 program, more Virginians than ever have the opportunity to pursue their dream of higher education. This influx of students, coinciding with the task of redistricting, offers this commission the rare opportunity to establish protections for these vital communities as they grow, ensuring each campus is a

connected voting bloc where students will have the chance to be educated, engaged, and active in our commonwealth's democracy.

For further clarification on the importance of protecting colleges and universities as Communities of Interest, we look to the definition established by White House Senior Policy Advisor for Democracy and Voting Rights Justin Levitt. Communities of Interest are “a neighborhood, community, or group of people who have common policy concerns and would benefit from being maintained in a single district.”

I understand the temptation to dismiss college and university communities as impermanent ones, however, the Supreme Court has ruled in *Symm v. United States*, higher education campuses are a bona fide residence, thus we must be considered as such in the eyes of the law.

Students certainly have common policy concerns, with representatives making crucial decisions that impact higher education such as setting amounts for federal and state financial aid, appropriating research and institutional support spending, and legislating the communities students live and learn in.

Finally, meeting the last prong of the definition's test, student bodies certainly benefit from containing campuses and student housing within a single district. A unified campus will allow for greater student voter turnout with an easier process and allow students to elect representatives who understand and advocate for their needs and interests.

These communities of interest do exist across institutions in the state and deserve to be represented as such in the maps approved by this body.

In considering the Congressional District maps as they currently stand, George Mason University is split between districts. Imagine the confusion for students in housing along the north side of Braddock Road in District 10, catching a ride to the polls with their neighbor across the street, and ending up at a polling place for District 11. In these cases, students can be unaware of this issue and denied access to their right to vote. A study from Tufts University, in 2016, found that 1 out of 4 students who were registered to vote and did not vote in the 2016 elections cited not being able to find their polling place as the reason for not voting.

During the past three election cycles, there has been a drastic uptick in student voter participation. A report from Tufts University finds that in Virginia gubernatorial contests, the youth voting rate has increased from 17% in 2009 to 34% in 2017. Throughout the past four years, student voter participation has continued to skyrocket with 56% of young people in

Virginia casting a ballot in the 2020 presidential election. A quick glance at the monthly report, issued by the Department of Elections, tracking new registered voters shows 43,104 students registered to vote in Virginia in just the last six months. This shows that students are eager to participate in our electoral system. Your jobs today are to do everything you can to ensure that it is an easy, exciting process.

With that, this commission has the opportunity and duty to consider higher education institutions as communities of interest, given their importance for helping our young voters create a pattern of lifetime voting, engagement, and fulfillment of their duties as American citizens.

Thank you Chairwoman Babichenko and the rest of the commission here for giving me the opportunity to speak and I would be happy to answer any questions you may have.

From: [Judy Chalkley](#)
To: [Redistricting](#)
Subject: Citizen Input ref Redistricting Maps
Date: Wednesday, November 10, 2021 3:59:03 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Good afternoon,

As a lifelong resident and voter of Virginia, I request that you disqualify the special master nominees submitted by Republicans Delegate Todd Gilbert and Senator Tommy Norment to assist the Court in the drawing of redistricting maps.

The people of Virginia voted for nonpartisan redistricting with the passage of the constitutional amendment in 2020. The GOP's nominees are currently on the payroll of Republican organizations. Their involvement with the drawing of redistricting maps in Wisconsin and Ohio has shown they cannot not be trusted to draw fair maps in a transparent and nonpartisan manner.

The people of Virginia should be the ones choosing their elected officials, not partisan map makers.

Thank you,

Judy Chalkley

13701 Goosehaven Ln

Prince George, VA 23875

November 10, 2021

My name is Callie Jordan. I am a junior, double majoring in Political Science and Women's Studies at the University of Mary Washington in Fredericksburg, Virginia. I serve on the executive board of UMW Votes College Student Voting Coalition. I am also a Redistricting & Democracy Fellow with Campus Vote Project, an organization that has empowered college student voices in state redistricting processes.

After speaking with students from around the state, there is a clear and present need for the Virginia Supreme Court to ensure that colleges, technical schools, and other higher education centers are not split between multiple Congressional or State Legislative districts as they are a vital community of interest.

At the University of Mary Washington, the campus is split between House Districts 28 and 88, in addition to a 3-split division within its city wards. This means students who live, work, and attend the same institution are either represented on the state or city level by different officials simply contingent upon where their dorms or residential buildings are located on-campus.

It is with that I ask the Virginia Supreme Court to provide public hearings on these matters and allow all higher education institutions to be considered as communities of interest, given their shared interests and concerns, as well as their importance for helping our young voters create a pattern of lifetime voting, engagement, and fulfillment of their duties as American citizens.

October 4, 2021

Verbal testimony provided at Virginia Redistricting Commission public hearing

Hi, my name is Callie Jordan. I have lived, worked, and gone to school in the city of Fredericksburg, VA for almost three years. I am also participating in a college student Redistricting Fellowship with Campus Vote Project, an organization that is empowering college students to have a voice in their state's redistricting process. I'd like you to keep my community, the University of Mary Washington together.

My community is composed of young people, students, faculty, staff, and administration. On-campus students either live in the underclassman and upperclassman mixed buildings, the UMW apartments, or the apartments in Eagle Village. Off-campus students frequently live downtown. Currently, on-campus students are split into three separate wards in between State House District 28 and 88. This causes confusion come election time about where and how to vote. Many students feel that contingent upon where they live, they are isolated from the rest of their peers because they are not counted and represented together. In order to qualify for VA state financial aid programs and offers, students are encouraged to live and stay on-campus throughout their time at the University.

Students belong to a myriad of social and civic groups like Diversability, Prism, UMW Votes, and the Ecology Club. Common gathering points are Freddy Doughnuts, Soup, and Taco, and many of the bars along the downtown strip bordering the Rappahannock. Additionally, students regularly run, walk, and bike many of the local trails like the canal path, the VCR pathway, and Old Mill Park. Students often attend many of the annual celebrations hosted both on-campus and within the downtown areas like Oktoberfest, and the annual Christmas Parade. The University and the greater Fredericksburg area partner together on many projects and initiatives for community members.

Nonprofits that serve our community are the FAHASS Fredericksburg and the RCASA. These groups offer services on-campus and in their office buildings just a short walk from campus. They provide backbones of support for many of the school's sexual assault and sexual wellness resources. Additionally, The greater Fredericksburg area is full of small and independently owned and operated small businesses that students enjoy and become regular customers at like Agora, Katora Cafe, Hyperion, and Curitiba Art Cafe. The locals look forward to students' arrival and are sad when they leave, and the students enjoy interacting with them on-campus. Many residents will walk their dogs along campus and enjoy our amenities with their families regularly. Over the last 20 years, the surrounding Fredericksburg area's makeup has grown to accommodate more young and working professionals and their families who often commute to

DC. Thus, the Fredericksburg Amtrak station downtown is another important locational marker.

In conclusion, it is important for my community to be kept together in the new district maps in order for students to be counted together and for our campus to vote and participate as one block. Thank you for letting me speak and provide testimony today.

October 22, 2021

Written testimony submitted to Virginia Redistricting Commission

My name is Callie Jordan. I am a junior, double majoring in Political Science and Women's Studies at the University of Mary Washington in Fredericksburg, Virginia. I serve on the executive board of UMW Votes College Student Voting Coalition. I am also a Redistricting & Democracy Fellow with Campus Vote Project, which is a part of the non-partisan parent organization, Fair Elections Center. It is our mission at Campus Vote Project to promote student voter registration, education, and turnout in a non-partisan manner while helping create lifelong voters.

I want to first thank the Commission for the opportunity to discuss the infrequent position that we are in to shape the future of our great Commonwealth. I come here with the hope that even though some members of the Commission may disagree on social and economic issues, the idea of increasing political participation among all young people is something that we can work on together.

Today, I speak on behalf of my fellow students in the Commonwealth, including the over 37,700 new first-time students and, oftentimes, first-time voters enrolled at public four-year institutions according to insights from the State Council of Higher Education for Virginia. After speaking with students from around the state, there is a clear and present need for this Commission to ensure that colleges, technical schools, and other higher education centers are not broken up into multiple districts as they are a vital community of interest.

Unfortunately, too many students are facing the consequences of this issue across the state.

At the University of Mary Washington, the campus is split between House Districts 28 and 88, in addition to a 3-split division within its city wards. This means students who live, work, and attend the same institution are either represented on the state level by Josh Cole or Mark Cole.

On the city level, students are represented by Jason Graham, William Withers, and Tim Diffy, all simply contingent upon where their dorms or residential buildings are located on-campus.

At Virginia Commonwealth University, the issue is further exacerbated. For example, looking at their state level representation, the campus and the surrounding communities where students live in larger percentages are split between eight districts. At the federal level, students are stratified through Congressional Districts 1, 4, and 7.

For various reasons, students might get reassigned to another dorm or residential building that is potentially located in another district, thus requiring certain actions on their part such as updating their voter information or learning more about who their new representatives are. In these cases, they might be unaware of this issue and denied access to their right to vote. A study from Tufts University, in 2016, found that 1 out of 4 students who were registered to vote and who did not vote in the 2016 elections cited not being able to find their polling place as the reason for not voting.

Another side effect of district lines going through colleges and universities is that some students may have a close and convenient polling place while another group of students may have to travel long distances that may require access to personal transportation. In that same study, 27% cited not having transportation to their polling place as why they did not vote. This issue is also apparent at other colleges across the state such as Norfolk State University, Old Dominion University, Christopher Newport University, among others.

During the past election cycle, there was immense support for students registering to vote and voting from non-profit groups, colleges, the Virginia Department of State, and other organizations. Even in smaller elections, Virginia students turned out. According to Virginia Department of Elections data, more than 14,000 students requested absentee ballots ahead of the 2020 Democratic presidential primary. This shows that when the process to vote is made more accessible, student voter turnout will increase accordingly.

But, why should higher education institutions be considered communities of interest? White House Senior Policy Advisor for Democracy and Voting Rights Justin Levitt stated that “a community of interest is a neighborhood, community, or group of people who have common policy concerns and would benefit from being maintained in a single district.”

I understand there may be concerns that higher education is not a permanent community for many. However, the Supreme Court has ruled in *Symm v. United States*, higher education campuses are a bona fide residence, thus we must be considered as such in the eyes of the law.

The second part of the definition is that we must have common policy concerns, which students have with higher education such as issues on federal and state financial aid or ensuring students can find gainful employment upon graduation.

With the last part of the definition surrounding that a group must benefit from a single district, a unified campus will allow for greater student voter turnout with a more accessible process, thus allowing students to elect representatives who will understand and advocate for their needs. In Virginia House District 28 and city Ward 2, which encompasses the University of Mary Washington, many voters are students. These communities of interest do exist across institutions in the state, including my own, and deserve to be represented as such when the maps are finally drawn.

So it is with that I ask the Commission to allow all higher education institutions to be considered as communities of interest, given its importance for helping our young voters create a pattern of lifetime voting, engagement, and fulfillment of their duties as American citizens.

Thank you to the Commission for giving me the opportunity to speak and I would be happy to answer any questions you may have.

From: [John McLaren](#)
To: [Redistricting](#)
Subject: Redistricting Special Masters.
Date: Wednesday, November 10, 2021 4:10:02 PM

EXTERNAL EMAIL

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To the Virginia Supreme Court:

I am writing to express my alarm that three of the proposed Special Masters for the redistricting process appear to be committed partisans. They are Republicans, but that is not the important point; there should be no partisan operatives on either side. I ask the Court to reject these proposed Masters and insist on non-partisan members all around who are committed to fair legislative maps.

Thank you,

John McLaren
Charlottesville, VA

From: [Zachary Lincoln](#)
To: [Redistricting](#)
Subject: Special Masters
Date: Wednesday, November 10, 2021 4:16:46 PM

EXTERNAL EMAIL

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Clerk of the Supreme Court of Virginia,

Last year's elections were one of the most intense and divisive in modern American history, yet Democrats and Republicans alike voted overwhelmingly to take politics out of redistricting and draw fair maps that equally represent all Virginians.

However, it is clear that Mr. Adam Kincaid, Mr. Thomas Bryan, and Mr. Adam Foltz, who have been selected by the Republican Party of Virginia to serve as special masters during this process, are blatantly partisan and thus unfit to serve, unlike Dr. Bruce Cain, Dr. Bernard Groffman, and Dr. Nathaniel Persily, who have been nominated by the Democratic Party of Virginia to impartially carry out the important process of redistricting.

I join many of my fellow Virginians in asking the Court to fulfill their promise of ensuring equal justice under law and listening to the people of our Commonwealth. Therefore, it is only right that the Court disqualify Mr. Kincaid, Mr. Bryan, and Mr. Foltz, so politics can finally be taken out of our maps and all Virginians can be fairly and equally represented.

Best regards,

Zachary Lincoln
West Springfield, VA

From: [Carrie Pruett](#)
To: [Redistricting](#)
Subject: Reject partisan gerrymandering
Date: Wednesday, November 10, 2021 4:21:29 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

I am concerned to learn that several individuals nominated by the Republican Party to participate in the redistricting process have a history of participating in partisan gerrymandering with the express purpose of artificially creating Republican power in Congress and state legislators. As a voter, I do not want to see gerrymandering occur in Virginia. Please reject any individuals whose partisan history disqualifies them from participating in a fair process.

Additionally, as a resident of Henrico County, I am concerned about the county being divided between three or four congressional districts. Many political and economic issues affect communities within the county, and making arbitrary divisions that separate voters from our neighbors and schools and work places will make it more difficult for elected representatives to work for their constituents.

Thank you,
Caroline Pruett
4908 Finnegan Court
Henrico, Va 23228
804-305-2226

From: [Cheryl Dancy](#)
To: [Redistricting](#)
Subject: Redistricting Nominees
Date: Wednesday, November 10, 2021 4:25:20 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

As a Virginia citizen and voter, I have serious concerns about the Republican nominees to assist in the redistricting process. Considering their involvement in other redistricting plans, I can't imagine that fairness and equality will be a priority. They are currently being paid by Republican organizations so whom would we expect them to be listening to or serving for that matter?

I question their allegiance, as well as their ability to draw fair maps in a transparent and inclusive manner. Please remember that Courts are supposed to be free of politics.

Respectfully,

Cheryl Dancy

From: [Tammie Miller Jennings](#)
To: [Redistricting](#)
Subject: Republican nominees for redistricting
Date: Wednesday, November 10, 2021 4:30:38 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

I am writing today as a citizen of Prince George County, Virginia, and a legal Voter. I strongly OPPOSE the Republican nominees and request they be disqualified.

We should be appointing individuals who are highly qualified in their respected fields and whose focus is on fair representation, not partisan politics. The Republican nominees have a history of gerrymandering and should never participate in Virginia redistricting efforts.

Every Virginian should feel comfortable knowing their vote is equal to everyone else's. Politics, specific gerrymandering, has no place in the voting booth.

Sincerely,

Tammie Miller Jennings
9639 Sandy Ridge Rd
North Prince George, Virginia

From: [Sharon's Gmail](#)
To: [Redistricting](#)
Subject: Redistricting
Date: Wednesday, November 10, 2021 4:31:14 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Hello—

Please keep Albemarle and Charlottesville together without splitting apart into multiple districts

Like is the current state.

Thanks so much!

Sharon Webb

Sent from my iPhone



Princeton University
282 Alexander Street
Princeton, NJ 08540

SAMUEL S.-H. WANG
Professor
+1 609 258 0388 (tel)
+1 609 258 1028 (fax)
sswang@princeton.edu

November 10, 2021

Muriel-Theresa Pitney
Clerk of the Supreme Court of Virginia
Supreme Court Building
100 North 9th Street
Richmond, Virginia 23219

Pursuant to Rule 4(a) of the Rules and Procedures for Implementing the Requirements of Article II, Section 6-A, I write to offer public comment on the Supreme Court of Virginia's selection of redistricting special masters.

As director of the Electoral Innovation Lab at Princeton University, I lead the work of the Princeton Gerrymandering Project, which has worked since 2013 to develop and apply scientific tools for nonpartisan fair districting. My team, composed of data scientists, legal staff, and technology developers, offers those resources at gerrymander.princeton.edu. In the current redistricting cycle, our work has been cited favorably by Republican, Democratic, and nonpartisan commentators.¹

Our standards are based on nonpartisan criteria. Our analysis produces both numerical metrics and scores that fall on a "grading curve," analogous to the way grades might be assigned in a college course. Our metrics have identified extreme partisanship on the Democratic side in Illinois and Oregon, and on the Republican side in Texas, Ohio, and North Carolina.

For Virginia, our standards, as well as the information needed for a normally skilled expert to use them to evaluate new maps, are posted at <https://github.com/PrincetonUniversity/PGP-Virginia-2021>. A detailed memo explaining how to apply these standards is also available at that link, and a copy is attached here. Normally skilled experts would be able to use these standards using

¹ *E.g.*, Legal Gerrymander Flip-Flop, Wall Street Journal, Oct. 21, 2021, available at <https://www.wsj.com/articles/legal-gerrymander-flip-flop-oregon-redistricting-marc-elias-11634822303>; Texas GOP tries to protect US House seats under new maps, Associated Press, September 27, 2021, available at <https://apnews.com/article/donald-trump-elections-texas-voting-rights-5fc5c1b2bba3626cflc4095f41518277>; DIY Redistricting Allows Public to Draw Maps in More States, Pew Stateline, August 31, 2021, available at <https://www.pewtrusts.org/en/research-and-analysis/blogs/stateline/2021/08/31/diy-redistricting-allows-public-to-draw-maps-in-more-states>

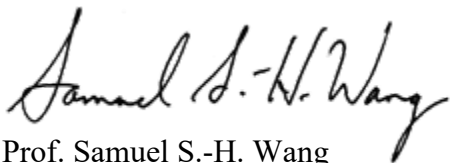
voting data available to them. In addition, we have also posted our own voting estimates of Virginia precincts. These estimates are based on official voting returns and are fully documented. These resources are all available free to the public under an MIT license and do not require any contact with us.

The Virginia Redistricting Commission's work illustrated the important role technical experts can play in implementing the standards of Virginia's new redistricting law. Staff on both sides of the Commission produced maps that were initially reasonable from a partisan fairness point of view, as indicated by our analytics. Our reports on the Commission's proposed maps are available [here](#). It is unfortunate that the Commission was ultimately unable to achieve consensus.

Nominees for special master have been submitted to the Virginia Supreme Court in accordance with Rule 2 of the Rules and Procedures for Implementing the Requirements of Article II, Section 6-A. Of the nominees submitted, we note that Bernard Grofman and Nathaniel Persily both have valuable recent experience as special masters in the 2011 redistricting cycle and subsequent litigation. Furthermore, Thomas Bryan and Professor Grofman have familiarity with Virginia, Mr. Bryan as a resident of the Commonwealth, and Professor Grofman as special master in two federal redistricting cases, Bethune-Hill v. Virginia State Board of Elections and Personhuballah v. Alcorn. These three nominees also have multiple peer-reviewed publications relating to redistricting. It is our sense that any of them would render high-quality service to the Court in the important work ahead.

Rigorous data-driven evaluation will be invaluable to the Supreme Court of Virginia as it seeks to adopt districting plans that give all Virginians a voice in state legislative and congressional elections. We thank the Court for the opportunity to comment on this important matter.

Respectfully submitted,

A handwritten signature in black ink, reading "Samuel S.-H. Wang". The signature is fluid and cursive, with the first name "Samuel" being the most prominent.

Prof. Samuel S.-H. Wang
Director, Electoral Innovation Lab
Princeton University

To: Interested persons in Virginia
From: The Princeton Gerrymandering Project data team (Hannah Wheelen, Amanda Kmetz, Ari Goldbloom-Helzner, and Sam Wang)
Date: November 10, 2021

This memo documents how to calculate the individual and final letter grades that the Princeton Gerrymandering Project's Redistricting Report Card would issue for a given plan in Virginia. These report cards have been cited favorably by both political parties across the nation. For implementations in Virginia, see gerrymander.princeton.edu for the redistricting commission's publicly released maps.

To use this memo, we assume that you are normally skilled in the ability to estimate district-level parameters: shape parameters, partisan tendency, and racial composition. We describe PGP's metrics for fairness and performance levels, and describe how to use those thresholds to calculate letter grades. Letter grades, while a simplification, can be used for rapid communication to nontechnical audiences.

For best results and the most meaningful grades, we highly recommend that you use the chamber-specific Python script with your hypothetical Virginia plan as input. The script aggregates this plan with a PGP-provided precinct shapefile and PGP chamber-specific precinct-level voting estimates, both of which are freely available on Github at <https://github.com/PrincetonUniversity/PGP-Virginia-2021>. The output is a JSON-format file which contains a variety of numeric scores.

It is also possible to score districts using your own evaluation tools (e.g. Maptitude or Dave's Redistricting). However, note that results may sometimes come out differently because of differences in precinct-level inputs.¹ For example, the commission's state Senate map A5 gives 21 Democratic-leaning seats using PGP estimates, but 23 Democratic seats using Dave's Redistricting App composite election estimates. In this case, the likely reason is that three Republican-leaning districts have margins smaller than 2 percentage points.

¹ This is a significant caveat because of both spatial differences and election-to-election swings in Virginia. PGP's partisan-performance estimates are calculated by averaging precinct-level returns for three races: President 2016 (52.8% Democratic of the two-party vote share), Governor 2017 (54.5% Democratic), and Senate 2018 (58.2% Democratic). The average two-party vote share for these races is 55.2% Democratic, 44.8% Republican. As a comparison, Dave's Redistricting App composite 2012-2020 election average has a statewide estimate of 54.0% Democratic, 44.0% Republican, 2.0% other. As another comparison, the two-party vote shares in the recent governor's race are 49.0% Democratic, 51.0% Republican in the most recent tabulation.

Numeric scores (either in the JSON file or your own estimates) can be compared to these thresholds. Grading thresholds were generated by making comparisons to millions of computer simulated maps (an “ensemble”) as well as maps drawn by a corps of experienced community mappers.

Note that this report-card approach does not include racial fairness, an area sufficiently complex that PGP has not established a grading scale. PGP’s approach has been to calculate and display potential ability-to-elect districts as districts that are 30-40%, 40-50%, or >50% Black Voting Age Population (BVAP), Hispanic (HVAP), Asian (AVAP), or total minority (MVAP, defining a potential coalition district). Example racial-minority metrics for Commission maps can be seen at gerrymander.princeton.edu.

Competitiveness:

The “ActualCompetitive” entry gives the estimated number of competitive districts, defined as districts whose difference between Democratic and Republican vote share is less than 7 percentage points. The grade is determined using the following table.

ActualCompetitive	“A”	“B”	“C”	“F”
Congress	4 or more	3	1 to 2	0
State Senate	10 or more	8 to 9	4 to 7	0 to 3
House of Delegates	19 or more	15 to 18	9 to 14	0 to 8

Partisan Fairness:

The “DemWins” entry gives the estimated most-likely number of Democratic wins, defined as all districts where the Democratic candidate would be favored by any margin. The starting grade is determined using the following table.

DemWins	“A”	“B”	“C”	“F”
Congress	7-8	N/A	6	0-5, 9-11
State Senate	24-26	23, 27-28	N/A	0-22, 29-40
House of Delegates	59-62	56-58, 63-72	N/A	0-55, 73-100

Next, modify the grade based on the Competitiveness score. If Competitiveness received an “F”, bump down the partisan fairness grade by one letter grade (e.g. “B” becomes “C”). If Competitiveness received an “A”, bump up the partisan fairness grade by one letter grade (e.g. “B” becomes “A”). Other Competitiveness grades do not affect this grade.

Geography:

The Geography grade uses both geometric compactness and county splits. The “avgReock” entry is the average Reock score, a measure of geometric compactness. The starting grade is determined using the following table.

avgReock	“A”	“C”	“F”
Congress	≥ 0.4184	$0.3241 \leq \text{avgReock} < 0.4184$	< 0.3241
State Senate	≥ 0.4370	$0.3622 \leq \text{avgReock} < 0.4370$	< 0.3622
House of Delegates	≥ 0.4309	$0.4018 \leq \text{avgReock} < 0.4309$	< 0.4018

Using the “countySplits” entry to grade county splits², the grade is determined using the following table.

countySplits	“A”	“C”	“F”
Congress	≤ 5	6 to 16	> 16
State Senate	≤ 16	17 to 46	> 46
House of Delegates	≤ 42	43 to 80	> 80

Finally, to determine the Geography Overall Grade:

“A”: if both county splits and compactness received an “A”

“B”: if one of county splits and compactness received an “A” and the other a “C”

“F”: if both county splits and compactness received an “F”

“C”: otherwise

² In our Python script, a county split is defined as a county that is divided between at least two districts. This definition does not give special treatment to combinations of splits within a county.

Final Letter Grade:

Take the partisan fairness grade (which incorporates any changes due to competitiveness as described above). This is the final letter grade unless the overall geography grade is an “F”, in which case the final letter grade is bumped down by one letter grade.



November 10, 2021

**Board of Directors
2021-2023**

Supreme Court of Virginia
100 N. 9th Street, 5th floor
Richmond, VA 23219

Officers:

President:
Deb Wake

**1st V.P./
Arrangements:**
Joan Porte

2nd V.P.:
Erni Bridges

Secretary:
Jes Davis

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Directors:

Doris Bey
Janet Boyd
Carolyn Caywood
Denise Harrington
Andrienne Konstas-
Salvette

Dear Justices,

In November 2020, Virginia voters supported a constitutional amendment that would take redistricting out of the control of the majority party and put some of that power back into the hands of voters by giving citizens seats on the redistricting commission and giving citizens chairmanship of the commission. In addition, the new process allowed for transparency and public input in the form of comments at commission hearings, meetings, via email and via the commission website. Unfortunately, the commission deadlocked because of partisanship and gamesmanship and refusal to compromise and work fairly on behalf of voters.

Now that the public trust and potential for fair maps is in the hands of our Supreme Court Justices, adherence to the rules in the governing statute is imperative. Your job now is to choose two special masters who will take over the process and draw the maps that the commission could not. [Virginia code](#), as established by [SB203](#), lays out some of the qualifications for the special masters. For example, once the commission failed to submit plans, the legislative leaders of the two largest parties are each required to submit a list of three or more nominees to be special masters. The list shall include **“a brief biography and resume for each nominee, including the nominee's particular expertise or experience relevant to redistricting.”** The Court shall then choose one special master from each party. These special masters **“shall have the requisite qualifications and experience to serve as a special master and shall have no conflicts of interest. In making its appointments, the Court shall consider any relevant redistricting experience in the Commonwealth and any practical or academic experience in the field of redistricting.”**

LWV-VA.ORG

**1011 E. MAIN ST. SUITE 214A
RICHMOND, VA 23219**

info@lww-va.org

“The League of Women Voters of Virginia, a nonpartisan political organization, encourages informed and active participation in government, works to increase understanding of major public policy issues, and influences public policy through education and advocacy.”

In addition, [Virginia code](#) stipulates:

8. A map of districts shall not, when considered on a statewide basis, unduly favor or disfavor any political party.

Virginians are not registered with a political party. Representative democracy means being able to elect someone to represent constituent interests—not the interests of the representatives or the parties to which they may belong. The best way for the court to protect the interests of voters is to ensure the process is transparent and that the most qualified people are selected to serve as special masters. According to law, these individuals should have redistricting experience and expertise and no conflict of interest. To ensure the maps do not unduly favor or disfavor a political party, the special masters should not be unduly influenced by either political party. Their duty and the court's duty is to represent all Virginians (whether they are eligible to vote or not) because that is what is prescribed in the taking of census data.

Sincerely,

A handwritten signature in blue ink that reads "Deb Wake". The signature is cursive and fluid.

Deb Wake

President, League of Women Voters of Virginia

From: [lv2bw](#)
To: [Redistricting](#)
Subject: Republican nominees for redistricting
Date: Wednesday, November 10, 2021 4:35:18 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

I am writing today as a citizen of Prince George County, Virginia, and a legal Voter. I strongly OPPOSE the Republican nominees and request they be disqualified.

We should be appointing individuals who are highly qualified in their respected fields and whose focus is on fair representation, not partisan politics. The Republican nominees have a history of gerrymandering and should never participate in Virginia redistricting efforts.

Every Virginian should feel comfortable knowing their vote is equal to everyone else's. Politics, specific gerrymandering, has no place in the voting booth.

Sincerely,

Chris Jennings
9639 Sandy Ridge Rd
North Prince George, VA 23860

Sent via the Samsung Galaxy S21 Ultra 5G, an AT&T 5G smartphone

From: [Bill Love](#)
To: [Redistricting](#)
Subject: Viewpoint on Redistricting for Albemarle County and Charlottesville
Date: Wednesday, November 10, 2021 4:36:43 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

To: Justices of the Supreme Court of Virginia

I am a 78-year-old native of Virginia who grew up in Pittsylvania County but have spent most of my working life elsewhere (primarily in New Orleans and New York City). I am a graduate of the University of Virginia School of Law and, following my retirement from the practice of law in New York City, I moved back to Virginia and settled in Albemarle County (just outside the city limits of Charlottesville) in 2011.

I was not familiar with the local political landscape when I moved into the Charlottesville/Albemarle County area, and was very surprised to learn that the County I am living in is carved up so that parts of it are in four different House of Delegates districts! Three of those four segments of Albemarle County are in "safe" Republican districts, despite the fact that the County now leans heavily Democratic (with 62% of the vote in the recent election for Governor going to the Democratic candidate).

Thus it seems to me that most of the voters in Albemarle County are not able to have their views adequately represented in the House of Delegates because 3/4 of our Delegates are much more conservative than most of the people they are supposedly representing.

Consequently, I hope you will seriously consider keeping Albemarle County together as a single unit (or two at the most, if one is not possible), together with Charlottesville, which is surrounded on all sides by Albemarle County and which has similar political leanings.

I also hope that Albemarle County (and Charlottesville) can be placed in a new Congressional District other than the current monstrosity that is the highly gerrymandered 5th district, which extends from the North Carolina state line almost to the D.C. suburbs (over 200 miles). As the 5th District is currently constituted, there is no hope of electing a Congressman who represents the predominant local views of Charlottesville/Albemarle County voters on major issues. From my perspective, I do not currently have a Congressman that I can reasonably expect to seriously consider my views on such issues.

Sincerely,

William C. Love, Jr.
2659 Hydraulic Road, Apt. D
Charlottesville, VA 22901
(434) 202-1571

From: [Diana Smith](#)
To: [Redistricting](#)
Subject: Redistricting Master Mapper
Date: Wednesday, November 10, 2021 4:38:35 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Good afternoon,

The people of Virginia were sold on the Amendment using phrases such as "No Gerrymandering", "Bi partisan" and Citizen commissioners.

Since the beginning of the commission none of the ideals or promises came to pass.

I saw map after map drawn by Republicans that showed clear intent to politically gerrymander. I saw a bit of the same with Democrats (not so obvious).

I listened to all of the meetings. Things went wrong from the beginning -- two lawyers, two mapping teams and failure to compromise anywhere.

When I saw the proposed Congressional District maps, I signed up to testify. The map (also drawn by "citizen" Tom Davis") that the republicans were proposing joined Western/Rural/White Va (frederick, clark, Fauquier) with the urban/suburban county of Prince William that has one of the most vibrant & diverse populations that can be found in Virginia.

On the face of this map one could see issues galore -- the Appalachian Trail crosses through one side and the challenging transportation arteries of routes 28 and 95 through the other. There is no commonality in economy, transportation, life styles, religions, communities, backgrounds and voting history. It was a map designed to dilute and remove the influence of Prince William County. That's what my testimony would have been, including charts and tables of supportive data and social analysis.

But then, I received EMAIL from the commission -- they were cancelling all further meetings. And the mapping process would move to the SCOVA.

Please do not compound this debacle of partisan politics by being a partisan court. Please employ a master mapper from the community of expertise and not associated in the world of politics. Surely the Brennan Center or the Princeton Center could offer good unobjectionable candidates to fulfill this need.

The ugliness of the commission process exposes deep issues in Virginia. Please do not add to this; instead find a judicious solution that has no partisan cloud.

Thank you, Diana Smith
2429 Freetown Drive
Reston Va. 20191

From: beardsinva
To: [Redistricting](#)
Subject: keep Charlottesville/ Albemarle in same districts
Date: Wednesday, November 10, 2021 4:38:59 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Dear Sir or Madam:

I write as a citizen of the Commonwealth and a taxpayer and civic activist in Albemarle County.

It is imperative that Albemarle/ Charlottesville should not be gerrymandered, split up again into four different legislative districts, as is the case currently. My delegate, for instance, lives in the Shenandoah Valley, which does not have the same common interests as Albemarle and the piedmont.

Albemarle/ Charlottesville should also be redistricted into a Congressional district that stretches to the east along I-64, taking in the Richmond suburbs. The current fifth lumps us into a New Jersey-sized monolith, meaning we have no common interests, too, with other parts of the district, including Southside and Fauquier.

Please listen to us in this process.

Thank you for your time and energy to make Virginia redistricting a success.

Sincerely,

Robert E. Beard
845 West Leigh Dr.
Charlottesville, Va. 22901
(434) 996-1188
beardsinva@comcast.net

From: [Vonni Stamp](#)
To: [Redistricting](#)
Subject: Objection to the GOP nominees
Date: Wednesday, November 10, 2021 4:49:22 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

To whom it may concern,

I have serious objections to the GOP nominees for what is supposed to be a non partisan redistricting committee. These nominees are on the Republican political payroll in one form or another and should not be viewed as non partisan. The point of the amendment being approved was to ensure non partisan, fair and transparent redistricting. This cannot occur with partisan nominees.

Please disqualify these nominees and enforce the non partisan part of the redistricting process.

Thank you
Vonni Stamp
Round Hill, VA

From: [Gail Christie](#)
To: [Redistricting](#)
Subject: Special masters
Date: Wednesday, November 10, 2021 4:49:24 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

The citizens of Virginia passed the constitutional amendment establishing a redistricting commission because they wanted fair, unbiased drawing of district lines. Unfortunately, it now falls on the Court to do this. I urge you to reject the nominees proposed by the Republicans and direct them to submit new, unbiased nominees. These three nominees are partisan political operatives who have interests in creating maps that will unduly favor the Republican party. It is tremendously important that the Court set a precedent for the creation of fair, nonpartisan maps, in accordance with the wishes of the electorate.

Sincerely yours,

Gail E Christie
3509 Walkers Ferry Road
Midlothian, VA 23112

From: [Emily Little](#)
To: [Redistricting](#)
Subject: Fair lines
Date: Wednesday, November 10, 2021 4:50:39 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

To the Virginia Supreme Court:

I am writing to express my alarm that three of the proposed Special Masters for the redistricting process appear to be committed partisans. They are Republicans, but that is not the important point; there should be no partisan operatives on either side. I ask the Court to reject these proposed Masters and insist on non-partisan members all around who are committed to fair legislative maps.

There was at some point someone who suggested that high school students be in charge to keep it more fair. Please we hope we can trust you with this job.

Thank you,

Emily Little, RN
Charlottesville, VA

--

Emily Little
emilyblittle@gmail.com
2076692480

"No more apologies for a bleeding heart when the opposite is no heart at all. Danger of losing our humanity must be met with more humanity." -
-Toni Morrison

From: [Virginia Smith](#)
To: [Redistricting](#)
Subject: New Redistricting Maps
Date: Wednesday, November 10, 2021 4:52:33 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

To: Members of the Supreme Court of Virginia
From: Virginia M. Smith Citizen of the Commonwealth

It has come to my attention that the special master nominees submitted by the Republican legislators have a questionable history of drawing redistricting maps that demonstrate gerrymandering. Certainly, you are aware of the financial ties these special master nominees have with Republican organizations.

I am confident that your goal is to be free of the appearance of political influence. Please keep this reachable goal as your guidepost. Based on your goal for Virginia, I ask that you consider disqualifying the special master nominees submitted by members of the Virginia House and Senate.

Living in the Commonwealth of Virginia has so many benefits, but the one I enjoy most is that we aim high, especially, when it comes to fair representation and understanding the needs of our voters. Earlier in the redistricting process, a map was presented that included a new senatorial district in Southside Virginia. That particular map reflected voters' needs in Southside Virginia. Please, let this new senatorial district become a reality for me and my fellow Virginia voters.

Best regards,
Virginia M. Smith

--

Virginia M. Smith
former State Senate candidate (district 15)
Career K-8 Educator
Adjunct Professor
Children's Book Author

"correction does much, but encouragement does more."

Johann Wolfgang von Goethe

From: [Sarah Sussan](#)
To: [Redistricting](#)
Subject: Fair redistricting in VA
Date: Wednesday, November 10, 2021 4:54:01 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

To the VA Supreme Court:

I agree with Senator Saslaw's evaluation of the selection of the three Masters proposed by the Republicans for redistricting. They are not neutral, as they should be in this monumental effort. They should be non-partisan and experts in their field; they are not.

Please find that the Republicans need to propose 3 neutral, qualified masters.

Sincerely,
Sarah and David Sussan
1208 Wesanne Ln, Midlothian, VA 23114

--

Cindy Sussan
Cindy.Sussan@gmail.com
804-543-4409
Texting me is usually faster!

From: [Herschell Emery](#)
To: [Redistricting](#)
Subject: For nonpartisan redistricting, reject Republicans" 3 partisan, discredited nominees for Special Master
Date: Wednesday, November 10, 2021 4:59:55 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

To Whom It May Concern,

Virginians came together to change our traditionally partisan redistricting process into one that would be transparent and nonpartisan, fair to all, and that would encourage participation in our democracy.

Yet the Virginia Republican caucus has submitted names of 3 hyper-partisan individuals to be considered as assistants to our Supreme Court in redrawing our maps fairly?! This blatant disregard for the will of Virginia voters must not be rewarded. I urge you to reject partisan nominees.

Herschell Emery
3509 Walkers Ferry Rd
Midlothian, VA 23112

From: [Shirley Lavin](#)
To: [Redistricting](#)
Subject: Fair redistricting please
Date: Wednesday, November 10, 2021 5:00:08 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Dear Your Honor,

The public spoke loud and clear when it voted on the redistricting referendum: draw boundaries fairly.

All of this monkey business by the Republicans is a stain on the Commonwealth. Please reject their nominees. Pulling random names from a hat would be fairer to constituents!

I for one have NEVER met, heard from or seen from afar my representative because he feels safely cocooned in his gerrymandered district and could not care less about the outlying "stragglers" of District 65.

Please- let our work on OneVirginia not be in vain.

Thank you

From Shirley Lavin

From: [Catherine Cazares](#)
To: [Redistricting](#)
Subject: Redistricting
Date: Wednesday, November 10, 2021 5:04:23 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Dear Justices,

I agree with Senator Saslaw.

Please order that all map masters to be neutral, nonpartisan and experts in their field.

Sincerely,
Cathy Cazares
N Chesterfield, VA

Sent from my iPhone

From: [Lauren Robinson](#)
To: [Redistricting](#)
Subject: Republican nominees
Date: Wednesday, November 10, 2021 5:44:52 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

I agree with Senator Saslaw that the masters the Republicans have proposed are not neutral.

Our courts are supposed to be free of politics—which is why they enacted conflict of interest provisions in the enabling legislation for the nonpartisan redistricting constitutional amendment. These candidates backgrounds do not meet the provisions. Below is why I do not want these candidates presented as nominees.

Thomas Bryan was paid \$20,000 by Virginia Senate Republicans on 9/3/2021, a fact that the Senate Republican Caucus did not disclose to the Court in nominating him.

Adam Kincaid is the current Executive Director of the National Republican Redistricting Trust, and has previously worked for the Republican National Committee, the National Republican Congressional Committee, and the Republican Governors Association. A federal court found that he engaged in partisan gerrymandering in Ohio in 2010.

Adam Foltz is a long-time Republican operative who worked on the map-drawing in Wisconsin in 2010, where a federal court found that he engaged in partisan gerrymandering. He has also been retained this year in Texas as they draw their legislative and congressional maps.

All map masters must be nonpartisan and experts in their field. This initial Redistricting, following the adoption of the amendment sets an important precedent.

Please order the Republicans to engage 3 neutral, nonpartisan map masters who are acknowledged experts in their field.

Sincerely,
Lauren Robinson
Midlothian, VA

From: [FRANCES CRUTCHFIELD](#)
To: Redistricting@vacourts.com
Cc: [Frances Crutchfield](#)
Subject: Map Masters
Date: Wednesday, November 10, 2021 4:04:29 PM

Dear sir:

Senator Saslaw is correct,
And it is very true indeed.
The Republican proposed map masters
Are not whom we should heed.
Neutral and nonpartisan
Are the map masters we need.

Sincerely,
Frances Broaddus-Crutchfield
oldscouts2@aol.com
Sent from my iPhone

From: [Will Pace](#)
To: [Redistricting](#)
Subject: Please support how Danville and Pittsylvania County were drawn for General Assembly Districts
Date: Wednesday, November 10, 2021 7:36:06 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Dear Madam Clerk,

My name is Will Pace, and I am a resident of Pittsylvania County. I also serve as Mayor of Chatham, which is the county seat of Pittsylvania County. I have been following the efforts of the Redistricting Commission and have been anticipating how the City of Danville and Pittsylvania County would look like. While I am disappointed that the Redistricting Commission could not find a solution with the House of Delegates and Senate maps, I appreciate what both the Republican and Democrat mapmakers did in the end in the matter of how Danville and Pittsylvania County were drawn.

The Senate District maps proposed by the Republican and Democrat mapmakers (A5 and B5) are perfect for Pittsylvania County and Danville. Both maps created a Senate district that included Danville, Martinsville, Pittsylvania County, Henry County and Franklin County. None of these localities are split in different Senate districts. Leave this Senate district as was proposed by both the Republican and Democrat mapmakers as is.

I support how the House District maps (A7 and B7) were drawn. While it is not perfect, A7 and B7 were by far the best versions out of any maps proposed as they both keep our communities of interest intact. These maps split Pittsylvania County north and south (not east and west), which is the way it should be done. In addition, these maps maintain for the most part the communities of interest for Chatham, Gretna and Hurt all in one House district while maintaining the communities of interest (COI) for Danville in another House district. Both maps put northern and central Pittsylvania County in a House district with all of Franklin County while southern Pittsylvania County and Danville are in one whole district with a few precincts from Henry County including the town of Ridgeway in this House district. I have listed the towns and cities communities of interest below.

Hurt COI: Town of Hurt, Motley, Renan, Sycamore

Gretna COI: Town of Gretna, Mt. Airy, Pittsville, Sandy Level

Chatham COI: Town of Chatham, Callands, Dry Fork, Java, Riceville, Rondo, and Tightsqueeze

Danville COI: City of Danville, Bachelors Hall, Berry Hill, Brosville, Kentuck, Laurel Grove, Mount Cross, Mount Hermon, Ringgold, Stony Mill, Tunstall, and Whitmell.

Finally, Danville City and Martinsville City should NOT be placed in the same House of Delegates district as these cities and their surrounding areas are NOT communities of interest. Putting the cities of Danville and Martinsville in the same House of Delegates district will split their respective communities of interest and will create a Gerrymandered House District. Martinsville's COI are Chatmoss, Collinsville, and Fieldale. A Gerrymandered Danville City-Martinsville City House District will keep Chatmoss, Collinsville, and Fieldale outside of a

House district with the City of Martinsville, and will keep Kentuck, Laurel Grove, Mount Cross, Mount Hermon, and Ringgold outside of a House district with the City of Danville. The Redistricting Commission was created to avoid the creation of Gerrymandered districts. Creating a Danville City-Martinsville City House District will result in a Gerrymandered district that will split communities of interest.

In closing, I hope that you will support what the Democrat and Republican mapmakers drew for the House of Delegates and Senate in regard to Pittsylvania County and Danville. Please do everything to keep these communities of interest intact and leave Senate District maps (A5 and B5) and House District maps (A7 and B7) as is for our region. Thank you.

Sincerely,

Will Pace
Mayor of Chatham

From: [Karen Nuzzo](#)
To: [Redistricting](#)
Subject: Preference for individuals redrawing Virginia's redistricting lines.
Date: Wednesday, November 10, 2021 7:54:03 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Dear Justices,

I would like to see Thomas Bryan serve as the Republican serving to redraw the new redistricting lines and Bernard Grofman to serve as the Democrat. Thank you.

Sincerely,

Karen R. Nuzzo

1314 Coltons Mill Rd

Bedford, VA 24523

Sent from my iPad

From: [Martha Turner](#)
To: [Redistricting](#)
Subject: Comment from a frustrated voter
Date: Wednesday, November 10, 2021 8:52:52 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Dear Sirs,

i am frustrated that the non-partisan redistricting has turned out to be totally partisan with the current nominees. I request that you disqualify the *GOP* nominees as they have an agenda not to improve democracy, but to sway elections in a partisan direction. This is a very real concern in today's political environment.

Please disqualify Thomas Bryan, Adam Kincaid, and Adam Foltz. Here are my reasons

- Thomas Bryan was paid \$20,000 by Virginia Senate Republicans on 9/3/2021, a fact that the Senate Republican Caucus did not disclose to the Court in nominating him.
- Adam Kincaid is the current Executive Director of the National Republican Redistricting Trust, and has previously worked for the Republican National Committee, the National Republican Congressional Committee, and the Republican Governors Association. A federal court found that he engaged in partisan gerrymandering in Ohio in 2010.
- Adam Foltz is a long-time Republican operative who worked on the map-drawing in Wisconsin in 2010, where a federal court found that he engaged in partisan gerrymandering. He has also been retained this year in Texas as they draw their legislative and congressional districts.

Please consider the fair and right way to serve the all the people of Virginia.

Sincerely,
Martha M. Turner
Midlothian Va 23113

[Sent from the all new AOL app for iOS](#)

From: [katherine slaughter](#)
To: [Redistricting](#)
Subject: Public Comment
Date: Wednesday, November 10, 2021 9:15:02 PM
Attachments: [Redistricting_OCT21.docx](#)
[Redistricting.docx](#)

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Dear Members of the Supreme Court:

In choosing the special master, I hope that you will select a team who are experienced at drawing **nonpartisan** district lines based on the criteria of the given state. The failure of the process in the Redistricting Commission was due to adherence to party politics. The special masters should not be "stand-ins" for either political party. Other states do have nonpartisan redistricting so I know that there are professionals experienced in the art of drawing districts who are not partisan stand-ins.

I have written two separate comments at two different meetings of the Redistricting Commission and attach these to this email.

I especially ask that you direct the masters to seek to make the districts conform to "communities of interest." In the latest Commission draft map, our area of Charlottesville-Albemarle was once again divided into four districts, including districts that cross the mountain and thus are not a "community of interest." That is similar to the current situation in which our area is gerrymandered into numerous districts. My initial comments from last January made suggestions about how to discern communities of interest noting specifically the issues in Charlottesville.

Thank you for your consideration of my public comment.

--

Kay Slaughter
1503 Short 18th Street
Charlottesville, VA 22902
434-971-5813
katherineslaughter61@gmail.com

t

Redistricting Commission Public Hearing in Central VA Region by Zoom 10/21, 2021

Please stick to your idea of retaining communities of interest.

Do not gerrymander Albemarle County. The Republican plan divides it into three districts; the Democratic plan makes one of two districts cross the Blue Ridge to Augusta County – and while Augusta and Albemarle may share these beautiful mountains, they are not a community of interest.

Neither does Albemarle share interests with the Lynchburg area an hour to the south.

To get the additional population to complete any Albemarle district please add areas from Nelson, Fluvanna, or Greene, all counties adjacent to Albemarle and part of the Planning District 10: they have worked together on common issues. People in these counties and Charlottesville commute between them for work, family, medical care, cultural activities and shopping.

(Likewise Augusta over the blue Ridge is connected to communities in the Valley and Lynchburg to the areas of Amherst, Campbell and Bedford).

Please stick to your original guiding principles and do not gerrymander. This is the *raison d'être* for the founding of your commission.

Kay Slaughter

To: Redistricting Commission

From: Katherine Slaughter, Former Charlottesville Mayor, former chair, Thomas Jefferson Planning District

Re: Virginia Planning District Boundaries as Basis for Redistricting;
Opposition to Including Political Addresses in mapmaking.

1/11/2021

I am Kay Slaughter of Charlottesville, a former city councilor and Mayor and a retired environmental attorney who lobbied the General Assembly in the '90s and early 2000s.

I am here to urge commission members, despite your Republican or Democratic label, to reject political considerations in designing district boundaries. I request you utilize planning district boundaries AND exclude addresses of General Assembly members in the mapping criteria.

The criteria for voting districts should include compactness, contiguity, racial equity, and representation by communities of interest. I focus here on communities of interest.

Past gerrymandering has led to absurd results, for example our area is split into four separate Senate districts: two including western neighbors in the Shenandoah Valley, and one from Spotsylvania in the East, and Lynchburg to the south. Likewise, our area is split among five House districts, including two from the Valley and Richmond. Our Congressional District stretches from Fauquier to the North Carolina border. Across the state other glaring examples abound where the communities of interest are split up and not truly represented by a common legislator.

I urge you to correct this by adopting Planning Districts as your working template for legislative and congressional districts. PDs are special districts created by Virginia statute. The 23 planning districts provide the best basis for creating communities of interest.

The counties and cities in these PDs are contiguous, share a common geography, and have collaborated on common interests, such as housing, transportation, economic development, and waste management. Because the Planning Districts are creations of the state government, using their structure as a template for redistricting is most appropriate.

For example, Charlottesville and Albemarle County are part of the Thomas Jefferson Planning District 10, which also includes Nelson, Louisa, Fluvanna, and Greene. Neighboring Rappahannock-Rapidan District 9 encompasses Madison, Orange, Culpeper, Rappahannock, and Fauquier.

Congressional districts could be fashioned by combining some portions of adjacent planning districts. To reach the ideal size for congressional districts, some PDs would need to be combined in whole or in part with adjacent PDs

I hope you will adopt this model and that you will exclude political addresses in your redistricting mapping criteria. I am happy to answer any questions.

From: [eleanore rhoden](#)
To: [Redistricting](#)
Subject: disqualify the three current GOP special master nominees,
Date: Wednesday, November 10, 2021 9:21:55 PM

EXTERNAL EMAIL

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Voters did not think they were asking maps to be drawn by partisan operatives when they approved the nonpartisan redistricting constitutional amendment in 2020. All of the GOP's nominees are currently on the payroll of Republican organizations; how can they be trusted to draw fair maps in a transparent and inclusive way? The citizens of Virginia voted to depolitize the construction of legislative districts. Democracy is subverted when the democratic process is manipulated. For that reason, I ask that you disqualify the GOP nominees as they have an agenda not to improve democracy, but to sway elections in a partisan direction.

The Democrats have set an example in submitting special master nominees who are leading respected academics in the fields of political science, demographics, and law. We hope Republicans will do the right thing for the Commonwealth and choose new nominees whose participation in this important process will ensure Virginians have fair representation in state and federal government.

Below is a short background on the Republican nominees:

Thomas Bryan was paid \$20,000 by Virginia Senate Republicans on 9/3/2021, a fact that the Senate Republican Caucus did not disclose to the Court in nominating him.

Adam Kincaid is the current Executive Director of the National Republican Redistricting Trust, and has previously worked for the Republican National Committee, the National Republican Congressional Committee, and the Republican Governors Association. A federal court found that he engaged in partisan gerrymandering in Ohio in 2010.

Adam Foltz is a long-time Republican operative who worked on the map-drawing in Wisconsin in 2010, where a federal court found that he engaged in partisan gerrymandering. He has also been retained this year in Texas as they draw their legislative and congressional maps."

Sincerely,
Eleanore Rhoden
Midlothian VA

From: [James Croll](#)
To: [Redistricting](#)
Subject: Public Comment
Date: Wednesday, November 10, 2021 9:30:52 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Dear Madame Clerk,

My name is James Croll, a high school senior in Loudoun County. I write today to urge you to consider the Democratic motion to suspend the special masters nominated by the Republican Party, Mr. Bryan, Mr. Kincaid, and Mr. Foltz. All three have demonstrated partisan interest in previous redistricting ventures (Kincaid in Ohio, Foltz in Wisconsin, Bryan was paid 20k from the Virginia Senate Republicans) which I believe disqualifies them from being able to draw a fair map. The purpose of the commission was to draw fair districts that did not demonstrate partisan favoritism in any way, but if any of the three Republican nominees were to become the final cartographer, a non-representative and gerrymandered map would surely be the result. I do not want a Democratic map or a Republican map, simply a fair map that accurately represents the partisanship and communities of interest of the Commonwealth of Virginia.

As for the actual map itself, I have some suggestions about communities of interest that should remain together. Having three Northern Virginia districts is fair in my opinion (one for Arlington/Inner Fairfax, one for Greater Fairfax and parts of PWC, and one for exurban Loudoun and Clarke Counties). The first issue is in Norfolk. The commission repeatedly ignored the fact that a VRA district is required in that area for a majority-black congressional seat, something that must be implemented in the final version. Another issue lies with the drawing of the 5th congressional district, currently represented by Bob Good. This district stretches from Fauquier County to the North Carolina border, not representing any communities of interest and not providing adequate/representative government to individuals living in places like Charlottesville and Albemarle County. I ask that the Court investigate creating a congressional seat similar to the 7th district on commission draft C1-B, a seat that combines the southern exurbs of NoVa, Quantico, and Charlottesville/Albemarle County into a new district that represents both the population and the partisanship of this area. A side effect of the creation of this district is that (according to C1-B) a new Southside district will be

created that combines another community of interest into one congressional seat that is currently represented by four congresspeople. I also believe that the Shenandoah Valley and the SW panhandle require independent districts, as both have distinct cultural identities that need representation from the right people. The current VA-02 and VA-04 should be fine to mostly leave intact as they both fairly represent the communities of Virginia Beach/Eastern Shore/Hampton and Richmond (however I think that VA-04 should incorporate more of Mechanicsburg/suburbs but that is a minor detail).

Once again, I implore you to expel the Republican nominees in exchange for cartographers that hold fairness over partisanship. Thank you very much for your time.

--

James Croll

From: [Leslie Rubio](#)
To: [Redistricting](#)
Subject: Fwd: Political Maps-Redistricting
Date: Wednesday, November 10, 2021 9:50:50 PM

EXTERNAL EMAIL

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I am forwarding my email that was sent before the deadline but returned as undeliverable. I am so sorry as I had .com instead of .gov.
Please accept my apologies.

----- Forwarded message -----

From: **Leslie Rubio** <lesliesu123@gmail.com>
Date: Tue, Nov 9, 2021, 4:03 PM
Subject: Political Maps-Redistricting
To: <Redistricting@vacourts.com>

I am writing to express my dismay about hearing of the persons recommended to draw maps for Virginia's districts.

Please reject these recommendations, and ask members to find persons who are non-partisan and can fairly draw the new maps.

Thank you,

--

Leslie Rubio
Activist/Advocate for Women
Commonwealth of Virginia Notary Public #7278454
(804) 484-9884

From: [Leigh Eicher](#)
To: [Redistricting](#)
Subject: Redistricting in VA
Date: Wednesday, November 10, 2021 9:59:40 PM

EXTERNAL EMAIL

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Hello,

Our courts are supposed to be free of politics. The Redistricting Map Masters the Republicans have proposed are not even close to neutral or nonpartisan experts in their field.

- Thomas Bryan was paid \$20,000 by Virginia Senate Republicans on 9/3/2021, a fact that the Senate Republican Caucus did not disclose to the Court in nominating him.
- Adam Kincaid is the current Executive Director of the National Republican Redistricting Trust, and has previously worked for the Republican National Committee, the National Republican Congressional Committee, and the Republican Governors Association. A federal court found that he engaged in partisan gerrymandering in Ohio in 2010.
- Adam Foltz is a long-time Republican operative who worked on the map-drawing in Wisconsin in 2010, where a federal court found that he engaged in partisan gerrymandering.

Please demand the Republicans to select 3 neutral, nonpartisan map Masters who are acknowledged experts in their field with no history of gerrymandering.

Kind Regards,
Leigh Eicher
Henrico, Virginia

From: [Robert Haley](#)
To: [Redistricting](#)
Subject: GOP Special Master Candidates
Date: Thursday, November 11, 2021 12:03:01 AM

EXTERNAL EMAIL

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Blatent partisan redistricting candidates must not be allowed! The VA S.C. must disqualify!!

Robert Haley
Reston, VA
haleyr@sprintmail.com

Sent from my iPhone

From: [David Walatka](#)
To: [Redistricting](#)
Subject: Concerned about the Republican strong tilt for the redistricting
Date: Thursday, November 11, 2021 6:17:06 AM

EXTERNAL EMAIL

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I do not like what the Republicans are doing with the strong tilt in favor of the Republicans with the redistricting. That is not benefiting the citizens of Virginia.

Please work to have a bipartisan setup for the new redistricting.

David Walatka
20876 Butterwood Falls Terr
Sterling, VA 20165
571-313-0512

Sent from [Mail](#) for Windows

From: cwhumphries125@gmail.com
To: [Redistricting](#)
Subject: Objection to three GOP nominees
Date: Thursday, November 11, 2021 8:12:10 AM

EXTERNAL EMAIL

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To Whom It May Concern,

I have read with dismay the backgrounds of three of the special master nominees to assist in the redistricting effort in Virginia. Thomas Bryan, Adam Kincaide, and Adam Foltz are clearly and demonstrably partisan and cannot be counted on to serve the will of Virginians in establishing as equitable a redistricting as possible. The whole purpose of the referendum was to make voting fairer in Virginia and this trio will do their best to skew those results. This is abominable, and not the will of the people.

I request these three be rejected, and hopefully the Republicans will show more integrity in nominating three others without the baggage and clear intent to cheat that these three have.

Thank you.

Carol Humphries
Rockbridge Baths, Virginia

Sent from [Mail](#) for Windows

From: [Jennifer Garvin-Sanchez](#)
To: [Redistricting](#)
Subject: redistricting
Date: Thursday, November 11, 2021 8:23:37 AM

EXTERNAL EMAIL

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I urge you to reconsider the members appointed to the committee for redistricting. It seems that the committee is not a politically neutral committee and this is NOT what the voters wanted. Please make sure that the committee is as neutral as possible, and not stacked with political operatives.

Thanks for your time,
Jennifer Garvin-Sanchez
12135 Petersburg St, Chester, VA 23831

From: [Christine Walther-Thomas](#)
To: [Redistricting](#)
Subject: Objection to BRYAN, FOLTZ, KINCAID appointments
Date: Thursday, November 11, 2021 8:25:29 AM

EXTERNAL EMAIL

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To Whom It May Concern:

I am writing to express my concerns regarding redistricting in the Commonwealth and the Virginia Courts consideration of three partisan appointees in this process. Like our court system, redistricting must remain nonpartisan to ensure the rights of all Virginia citizens and to maintain confidence in decisions rendered.

Virginia enacted conflict of interest provisions to facilitate fairness through the nonpartisan redistricting constitutional amendment. Inappropriately, Republican caucuses now ask our Supreme Court to effectively sanction partisan map drawing with the appointments of three clearly partisan members:

1. Thomas Bryan was paid \$20,000 by Virginia Senate Republicans on 9/3/2021, a fact that the Senate Republican Caucus did not disclose to the Court in nominating him.
2. Adam Kincaid, Executive Director of the National Republican Redistricting Trust, has previously worked for the Republican National Committee, the National Republican Congressional Committee, and the Republican Governors Association. A federal court found that he engaged in partisan gerrymandering in Ohio in 2010.
3. Adam Foltz is a long-time Republican operative who worked on the map-drawing in various states where gerrymandering has occurred.

To ensure fair representation of all Virginia citizens and transparency in this important process, the Supreme Court must ensure this work is completed by the professional experts--not partisan operatives. Let Virginia's work serve as a model for other states.

Thank you for your consideration of this request.

Christine S. Walther-Thomas, PhD
3121 Summerhurst Drive
Midlothian, VA 23113



November 10, 2021

**Board of Directors
2021-2023**

Supreme Court of Virginia
100 N. 9th Street, 5th floor
Richmond, VA 23219

Officers:

President:
Deb Wake

**1st V.P./
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Doris Bey
Janet Boyd
Carolyn Caywood
Denise Harrington
Andrienne Konstas-
Salvette

Dear Justices,

In November 2020, Virginia voters supported a constitutional amendment that would take redistricting out of the control of the majority party and put some of that power back into the hands of voters by giving citizens seats on the redistricting commission and giving citizens chairmanship of the commission. In addition, the new process allowed for transparency and public input in the form of comments at commission hearings, meetings, via email and via the commission website. Unfortunately, the commission deadlocked because of partisanship and gamesmanship and refusal to compromise and work fairly on behalf of voters.

Now that the public trust and potential for fair maps is in the hands of our Supreme Court Justices, adherence to the rules in the governing statute is imperative. Your job now is to choose two special masters who will take over the process and draw the maps that the commission could not. [Virginia code](#), as established by [SB203](#), lays out some of the qualifications for the special masters. For example, once the commission failed to submit plans, the legislative leaders of the two largest parties are each required to submit a list of three or more nominees to be special masters. The list shall include **"a brief biography and resume for each nominee, including the nominee's particular expertise or experience relevant to redistricting."** The Court shall then choose one special master from each party. These special masters **"shall have the requisite qualifications and experience to serve as a special master and shall have no conflicts of interest. In making its appointments, the Court shall consider any relevant redistricting experience in the Commonwealth and any practical or academic experience in the field of redistricting."**

LWV-VA.ORG

**1011 E. MAIN ST. SUITE 214A
RICHMOND, VA 23219**

info@lwv-va.org

"The League of Women Voters of Virginia, a nonpartisan political organization, encourages informed and active participation in government, works to increase understanding of major public policy issues, and influences public policy through education and advocacy."

In addition, [Virginia code](#) stipulates:

8. A map of districts shall not, when considered on a statewide basis, unduly favor or disfavor any political party.

Virginians are not registered with a political party. Representative democracy means being able to elect someone to represent constituent interests—not the interests of the representatives or the parties to which they may belong. The best way for the court to protect the interests of voters is to ensure the process is transparent and that the most qualified people are selected to serve as special masters. According to law, these individuals should have redistricting experience and expertise and no conflict of interest. To ensure the maps do not unduly favor or disfavor a political party, the special masters should not be unduly influenced by either political party. Their duty and the court's duty is to represent all Virginians (whether they are eligible to vote or not) because that is what is prescribed in the taking of census data.

Sincerely,

A handwritten signature in blue ink that reads "Deb Wake". The signature is fluid and cursive, with the first name "Deb" and the last name "Wake" clearly visible.

Deb Wake

President, League of Women Voters of Virginia

From: [Fran Larkins](#)
To: [Redistricting](#)
Subject: Senate Districts - Stafford County and Fredericksburg
Date: Thursday, November 11, 2021 10:24:53 AM
Attachments: [image.png](#)
[image.png](#)
[image.png](#)

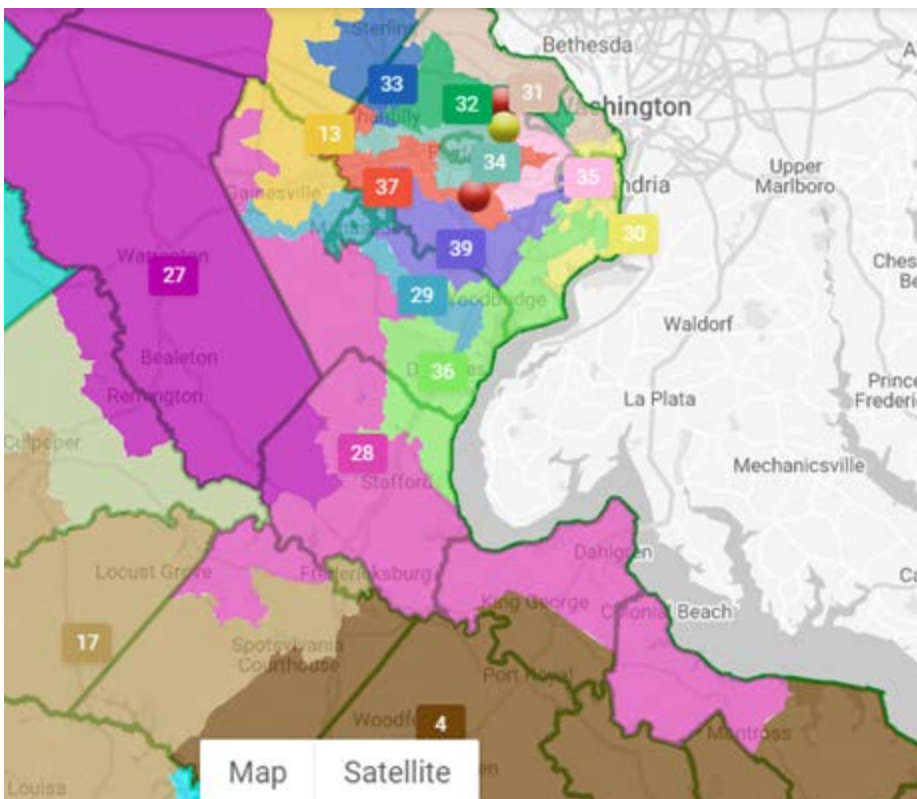
EXTERNAL EMAIL

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TO: Justices of the Supreme Court of Virginia and Special Masters

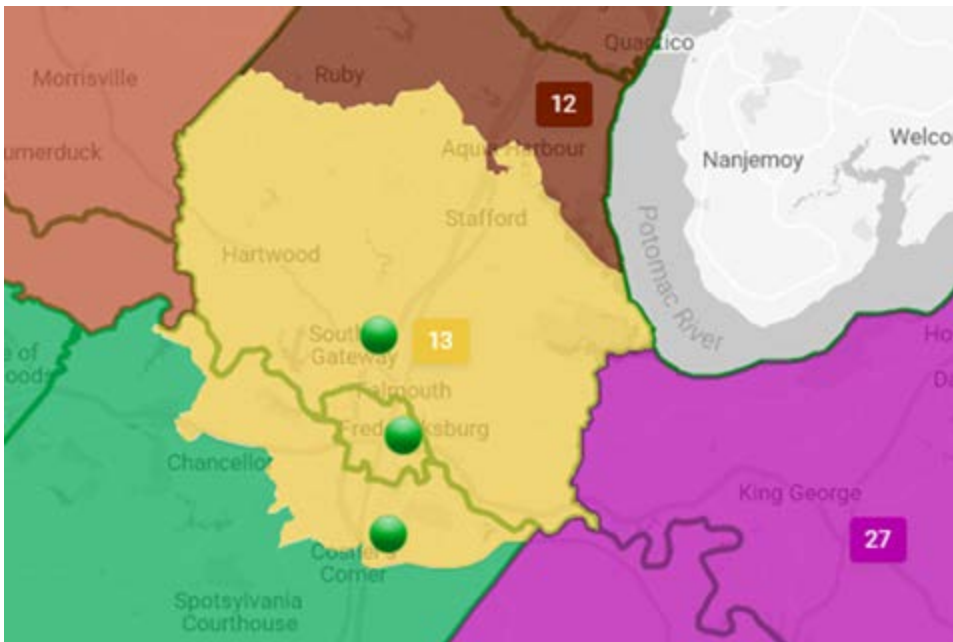
RE: Rules and Procedures for Implementing the Requirements of Article II, Section 6-A

We are residents of southern Stafford County, just across the Rappahannock River from the City of Fredericksburg. We are currently in the ridiculously gerrymandered 28th Virginia Senate District which includes portions of five counties. Stafford County is “represented” by three different state Senators.



Current Map of 28th Senate District

As you redraw state Senate maps, please consider -

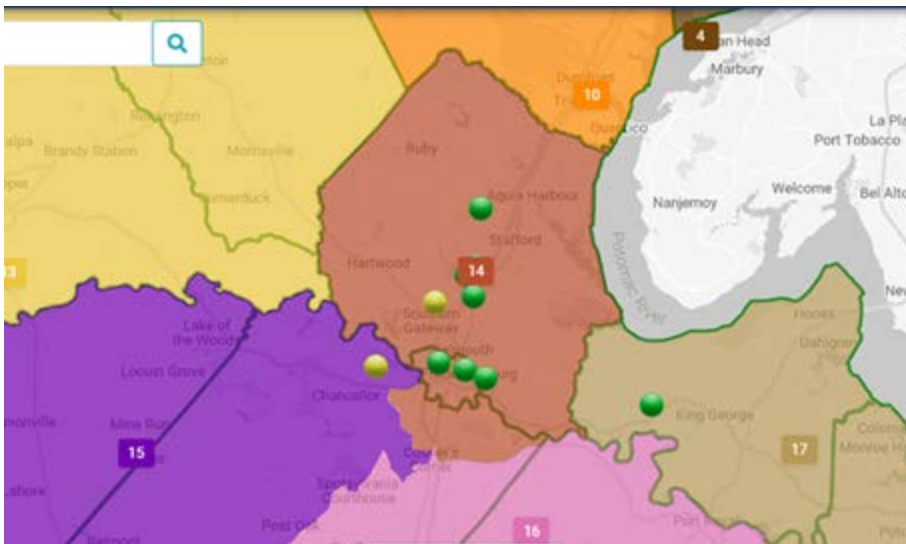


Commission Map #103 - Senate B3, September 18, 2021

This Commission map does an excellent job of keeping our “community of interest” together:

- Residents of this proposed Senate District 13 all have a Fredericksburg address and are connected economically, socially, and historically with Fredericksburg as the hub.
- It logically follows the North/South I-95 transportation corridor. Stafford County is the third fastest growing county in Virginia and many residents use I-95 to commute north to work. I-95 is used for shopping and enjoying restaurants in downtown Fredericksburg or northern Spotsylvania.
- It does not group us with more rural King George County with which we have very little in common other than a state Senator.
- Stafford County is divided into only two Virginia Senate districts rather than three.
- Fredericksburg is kept whole.
- Other citizen comments can be read at the dots on the live map at <https://www.virginiaredistricting.org/legdistricting/comments/plan/103/1>

Another option would be a Commission map posted October 8, 2021 -



Commission Map #255 - B5 Statewide SD 10-8-2021

This more recent map keeps Stafford County and Fredericksburg whole and, a positive, doesn't include King George County. However, the part of northern Spotsylvania County that runs along Route 3 west should also be in the Fredericksburg "community of interest." (See Map #103 above.)

Public comments for each dot may be seen

at <https://www.virginiaredistricting.org/legdistricting/comments/plan/255/1>

Respectfully,

Fran and Richard Larkins
40 Battery Point Dr.
Fredericksburg, VA 22406
Franlarkins40@gmail.com
703-517-9032

Michael and Lynne McCay
26 Battery Point Drive
Fredericksburg, VA 22406
mdmlkm73@verizon.net
540-373-1960

Renee Marshall
239 Long Point Dr.
Fredericksburg, VA. 22406

Elizabeth and Michael Spragins
9 Brant Ct.
Fredericksburg, VA 22406

Denise and Dirk Georgeson
30 Battery Point Drive
Fredericksburg, VA 22406

Clayton Hill
3 Mendota Way
Fredericksburg, VA 22406

Paul and Janet Bonner
19 Eagle Bluff Street
Fredericksburg , Virginia 22406
jmbonner@verizon.net

Kim Jacoby
2 Whaleback Lane
Fredericksburg, VA 22406

Idella Edwards
188 Hyannis Pl
Fredericksburg, VA 22406

Elliott Rubinstein
167 Long Point Dr.
Fredericksburg, VA 22406

Deborah J Wilcox
80 Table Bluff Drive
Fredericksburg, VA 22406

Elizabeth & Bruce Smith
281 Long Point Drive
Fredericksburg VA 22406
epsmith@gisco.net
(315)286-4551

Eleaner Loos
111Montauk Ave
Fredericksburg, VA. 22406

Juanita Channel

183 Hyannis Pl.
Fredericksburg, VA 22406

Diane S. Shea
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Fredericksburg, VA 22406
shea.sullivan70@gmail.com
540-370-8868

Walter M. Mathews
Mary F. Mathews
66 Battery point Drive
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wmmathews@me.com
516-671-4772

Susan Hadley
8 Maroochy Court
Fredericksburg, Va. 22405

Elaine Diepenbrock
55 Harborton Lane
Fredericksburg, VA 22406
ediepenbrock@gmail.com
540-654-506

Jacqueline Arthur
23 Ridge Pointe Lane
Fredericksburg, VA 22405

From: aviriniagentleman@reagan.com
To: [Redistricting](#)
Cc: [Roger Schweikert](#)
Subject: A Statewide Redistricting suggestion
Date: Thursday, November 11, 2021 11:32:42 AM

EXTERNAL EMAIL

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Dear Honorable Members of The Virginia Supreme Court:

Pursuant to the Rules and Procedures for Implementing the Requirements of Article II Section 6-A of The Virginia Constitution, I submit the following comments and suggestion.

While the designated members of the Commonwealth of Virginia Bi-partisan Redistricting Committee tasked with re-drawing the state's Congressional and state Legislative Boundaries has seemingly failed, and that task has now been re-assigned to you, I have to question how an even smaller body of ten of you along with two special Masters can actually do it better than whatever the Committee tried to do much less what the over eight million people of Virginia could do for themselves if given the opportunity. So why can't we re-draw these same political lines or lean on the already 95 pre-existing county limit lines and 38 pre-existing independent city lines that surely should provide a better map of where these lines should permanently stay? For that matter, why can't the people of each county and city be tasked with this issue to decide for themselves what is in their best interest and be permitted, encouraged, or even instructed by this Court to hold individual referenda on this issue towards even becoming separate states altogether rather than continuing to be forced to remain in a large single "purple" state?

Rural voters and urban and suburban voters in Virginia do not always share the same values or political affiliations. Smaller county or city states would, and also better reflect the ole saying that "All politics are local."

Making each county and city into a separate state would also provide a more accountable and representative voice in both The House of Representatives and The United States Senate as well as add to the number of people who could finally be added to the number of Electors who select our President every four years for the first time since 1920 and the passage of The Permanent Reapportionment Act of 1929. Sadly this single statute was never offered to the states as a proper constitutional amendment requiring ratification by them, yet has fundamentally limited and "consolidated the power of the people into the hands of too few" by virtue of its imposing an artificial cap on the House of Representatives and The Electoral College, both of which were specifically created to base their representation on our growing population. Similarly I believe it has also directly led in large part to the huge growth of our administrative and regulatory states which now set their own rules and regulations with little or no Congressional oversight or law making in the matter.

Furthermore in contrast to the 30,000 person size our founding fathers envisioned a Congressional district size should be this statute has now directly lead to huge Congressional districts of over 610,000 people, like current state law as also created Senate districts of over 200,000 and state Legislative districts of over 70,000 often encompassing more than one single community of interest.

For this same reason most of the people in Greene County I know and talk to where I live would prefer not to be apart of any District or State with Albemarle County, The City of Charlottesville, much less Fairfax County, or City, or any of the 22 other independent "blue" cities, or larger "blue" counties in the Commonwealth. Yet remaining one single state threatens to continue "to hold hostage" the majority of our votes to those same near and distant larger population centers, especially during Presidential election years and in most statewide races with few exceptions since 1974 and this year also due in part to "the

state winner take all rule" in Presidential elections rather than allowing a "by district vote count."

My solution therefore would be to order every county Board of Supervisors and every city Council to hold separate referenda on statehood instead, as soon as possible to allow each locality to decide with whom they want to be associated. For when the people have a real choice their interest is better served, rather than having to depend only on the sole wisdom of appointed judges or two special masters to decide what is in their best interest.

Finally please advise when any future public hearings on this matter will be held or when any public deliberations will be open to the public.

Respectfully submitted,

Roger R. Schweikert
a resident and former Presidential Elector from
Greene County, Virginia
434-990-9094

From: [Sonia Zawadski](#)
To: [Redistricting](#)
Subject: Please disqualify GOO special master nominees
Date: Thursday, November 11, 2021 11:42:07 AM

EXTERNAL EMAIL

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To Whom It May Concern:

As a Virginia voter, I was disappointed to learn that the GOP legislative members have nominated partisan operatives payrolled by Republican organizations whose goal is to gerrymander our districts. I, and my fellow Virginians, voted in favor of nonpartisan redistricting that would ensure fair representation for all voters in our Commonwealth. Virginia Senate and House Republicans, however, are disregarding the voters' will with their selection of nominees.

Thomas Bryan was paid \$20,000 by Virginia Senate Republicans on 9/3/2021, a fact that the Senate Republican Caucus did not disclose to the Court in nominating him.

Adam Kincaid is the current Executive Director of the National Republican Redistricting Trust, and has previously worked for the Republican National Committee, the National Republican Congressional Committee, and the Republican Governors Association. A federal court found that he engaged in partisan gerrymandering in Ohio in 2010.

Adam Foltz is a long-time Republican operative who worked on the map-drawing in Wisconsin in 2010, where a federal court found that he engaged in partisan gerrymandering. He has also been retained this year in Texas as they draw their legislative and congressional maps.

I humbly ask that the Court disqualify these partisan GOP nominees. Please protect nonpartisan redistricting and uphold the right of all Virginians to participate in a fair electoral process.

Thank you,
Sonia Zawadski

Sent from my iPad

Testimony Before Redistricting Commission

Sarah Dewees

Thank you for allowing me to speak to you. My name is Sarah Dewees and I live in Fredericksburg, Virginia. I vote in the 28th House of Delegates in Virginia. I am also employed at the University of Mary Washington, where I work at the Center for Community Engagement. As part of my work at the Center for Community Engagement, I work with University of Mary Washington students to help them register to vote and to learn more about civic engagement. With permission, I am presenting this testimony on behalf myself and of some of the UMW students I work with. So I am presenting with University of Mary Washington, in Fredericksburg, Virginia, as my community of interest.

As part of our nonpartisan voter registration program, called UMW Votes, we have worked to educate University of Mary Washington students about how to register to vote and when to vote in Virginia, or when elections are being held. Some of the UMW students choose to register to vote in Fredericksburg, Virginia, at their campus address. They often do this because they are in Fredericksburg during fall elections, and find it easier to vote at their campus address. We try to educate UMW students regarding which candidates and issues are on the ballot. Unfortunately, the residence halls on the UMW campus are divided into two different State Delegate districts, District 28 and District 88. When I started in this job three years ago, I found out how complicated it can be to make sure that we give the right information regarding which candidates would be found on students' ballots, depending on where they lived.

The University of Mary Washington campus has a collection of residence halls, as can be seen in this map I am holding up. A new residence hall was built across Route 1 from the main UMW campus about 10 years ago. This new residence hall, and all the students who are registered to vote at that address, vote in a different House of Delegates district from all the other students who live in UMW residence halls on the rest of the UMW campus.

Now, UMW is a small college – around 4,000 students. We are not talking about a huge campus like VCU or JMU. So it was a big surprise to me to find that the UMW campus was split into two districts for the House of Delegates. So, not only is Fredericksburg a split district, but the UMW community is split too. I request that you not divide up our community of the University of Mary Washington and the residence halls on that campus.

Thank you for all your work on this commission, and for taking time to hear my comments today.

From: [Phyllis Berg](#)
To: [Redistricting](#)
Subject: VA Redistricting
Date: Thursday, November 11, 2021 1:03:01 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Dear Court Justices

I am writing today to request that you disqualify the Republican party's special master nominees to the Virginia redistricting process. Republican Delegate Todd Gilbert and Republican Senator Tommy Norment nominated partisan operatives, who are currently on the payroll of Republican organizations. It is clear that these individuals will make no effort to draw fair maps in determining future voting districts. The people of Virginia deserve fair voting maps that allow their votes to matter, and not be weakened through partisan gerrymandering. Accordingly, I hereby request that you disqualify the nominations of Thomas Bryan, Adam Kincaid, and Adam Foltz.

*Sincerely,
Phyllis Berg
2930 Summerhurst Dr.
Midlothian, VA 23113*

From: [Robert Latham](#)
To: [Redistricting](#)
Subject: Opposition to Republican nominees
Date: Thursday, November 11, 2021 1:33:03 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Good Day,

When I supported a non-partisan redistricting commission I wanted to see it free of partisan hacks. The Republican nominees have been critical in making heavily gerrymandered partisan maps for years.

Please reject their nominees.

--

http:

From: [M Brennan](#)
To: [Redistricting](#)
Subject: Fwd: Please use non-partisan map masters to redraw districts
Date: Thursday, November 11, 2021 1:45:55 PM

EXTERNAL EMAIL

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----- Forwarded message -----

From: **M Brennan** <mbrennanedit@gmail.com>
Date: Wed, Nov 10, 2021, 1:05 PM
Subject: Please use non-partisan map masters to redraw districts
To: <redistricting@vacourts.com>

Please use neutral people to redraw the district maps. Polarization is destroying this country.

Our courts are supposed to be free of politics—which is why they enacted conflict of interest provisions in the enabling legislation for the nonpartisan redistricting constitutional amendment. These candidates backgrounds do not meet the provisions. Below is why I do not want these candidates presented as nominees.

Thomas Bryan was paid \$20,000 by Virginia Senate Republicans on 9/3/2021, a fact that the Senate Republican Caucus did not disclose to the Court in nominating him.

Adam Kincaid is the current Executive Director of the National Republican Redistricting Trust, and has previously worked for the Republican National Committee, the National Republican Congressional Committee, and the Republican Governors Association. A federal court found that he engaged in partisan gerrymandering in Ohio in 2010.

Adam Foltz is a long-time Republican operative who worked on the map-drawing in Wisconsin in 2010, where a federal court found that he engaged in partisan gerrymandering. He has also been retained this year in Texas as they draw their legislative and congressional maps.

Thank you,

Megan Brennan
Moseley, VA
Chesterfield County

From: [Minipoodle](#)
To: [Redistricting](#)
Subject: Redistricting; right wing operatives
Date: Thursday, November 11, 2021 1:57:34 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

As a permanent resident of Fairfax County VA, I am expressing my disgust at the republican operatives republicans have chosen to manipulate districts in Virginia. Republican operatives will manipulate the process to make it impossible for Democrats to have a fair chance at holding any power in Virginia politics. In my opinion Republicans are attempting to turn our democracy into a fascist, theocratic, authoritarian regime. They are making it so that our votes do not count and our voices are silenced. Republicans play dirty.

We will never be silent in the face of republican aggression and manipulation.

I hope my life will not be threatened as a result of this message.

Cordially,
D. B. Beck
Springfield, VA

Sent from my iPad

From: [Meg Fitzgerald](#)
To: [Redistricting](#)
Subject: Reconsideration
Date: Thursday, November 11, 2021 2:19:36 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

I agree with Senator Saslaw that the masters the Republicans have proposed are not neutral. All map masters must be nonpartisan and experts in their field. This initial Redistricting, following the adoption of the amendment sets an important precedent.

Please order the Republicans to engage 3 neutral, nonpartisan map masters who are acknowledged experts in their field.

Sincerely,
Meghan Fitzgerald
Midlothian, VA

Sam Shirazi
6565 Washington Blvd.
Arlington, VA 22205

November 11, 2021

Muriel-Theresa Pitney
Clerk of the Supreme Court of Virginia
redistricting@vacourts.gov

Dear Madam Clerk,

Pursuant to the Rules and Procedures for Implementing the Requirements of Article II, Section 6-A of the Constitution of Virginia, Rule 4(a), I write in my personal capacity of a citizen of Virginia living in Arlington to provide public comment. I previously participated at the Virginia Redistricting Commission by submitting maps and commenting on proposed maps.

While I have my own opinions about how best to draw the maps, I write instead to encourage the Court to embrace its role and not shy away from dealing with partisan realities. Based on my observations, the main reason the Commission could not agree on maps was an inability by some Commissioners to put aside partisan interests.

I understand that the Court may not want to wade into partisan waters and become accused of becoming too political. However, the reality is that the voters of Virginia entrusted the Court with an important role in the redistricting process given that the Commission did not agree to maps.

It is possible to draw maps that are fair to everyone based on commonsense principles of keeping communities of interest together, protecting minority voting rights, and maintaining competitive seats. While redistricting is by no means a simple process, it is also not an impossible endeavor with no way of creating objectively fair maps.

In terms of attempts by any party to gain partisan advantage in the process, I encourage the Court to use the most basic test of “I know it when I see it” as famously coined by U.S. Supreme Court Justice Potter Stewart. Based on my experience, it is possible to tell when maps are drawn with the goal of partisan advantage as opposed to fairness.

I once wrote in an article, “the judiciary is not simply a passive observer in the democratic process,” but instead plays an important role in making sure “the guardrails of democracy stay up,” and “it is the duty of judges to uphold the rule of law even if it would otherwise make them confront uncomfortable political issues.”¹ I encourage the Court to do what is necessary to make sure fair maps are produced, even when it requires making judgment calls that touch on partisan issues.

Ultimately, the Court is the last backstop in ensuring that all Virginians have fair maps for the next decade and keep faith in our democratic system of government. I wish the Court the best of luck in its work and know that it can rise to the moment.

Sincerely,

/s/ Sam Shirazi

¹ Sam Shirazi, *The U.K. 's Marbury v. Madison The Prorogation Case and How Courts Can Protect Democracy*, 2019 U. Ill. L. Rev. Online 108, available at https://www.illinoislawreview.org/wp-content/uploads/2019/11/Shirazi_FINAL_.pdf.

From: [Genie McCreery](#)
To: [Redistricting](#)
Subject: Redistricting Comment: I would like to file this comment with the Virginia Supreme Court regarding the Republican Caucuses" pick of three special master picks conflicts of interest.
Date: Thursday, November 11, 2021 4:58:46 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Re: Redistricting voice

Virginia Supreme Court,

It is essential that the Virginia State redistricting process is executed as independent with balanced input and ensure all negotiations have the best interest of the people of Virginia in mind as was the original legislations' intent. The primary purpose of creating this redistricting commission in the first place was to stop partisanship and gerrymandering that has occurred in the past and continues today. It was also to establish a system consistent with the inclusiveness of our constitution and to ensure fairness, equity, impartiality and justice.

At this very moment, you have the opportunity and good fortune as Virginia Supreme Court Justices, to show your citizens your good faith effort and establish our voting districts fairly and without bias.

We are asking that you honor the wishes of your fellow Virginians to act in a way that is in concurrence with the lawful responsibilities associated with your office and the constitution. We have entrusted you the privilege to make the maps of our state of Virginia impartial and unbiassed and stop all efforts to undermine this process. The Special Masters need to be free from bias and self-interest as Senator Saslaw had stated in his letter regarding this matter.

Our request is simple: that you reject the Republicans' choice of Special Masters and demand they resubmit impartial Special Masters that have all Virginians interests in mind and not simply those of their own party. Nothing short of the trust of all Virginians is on your shoulders.

Thank you for considering our comments.

Genie McCreery
1212 Shenandoah Road
Alexandria, Va 22308
571-233-4674

From: [Greg Brandon](#)
To: [Redistricting](#)
Cc: varedistricting2021@gmail.com
Subject: Conflicted Republican nominees for special master
Date: Friday, November 12, 2021 8:00:31 AM
Attachments: [rules_and_procedure_for_implementing_the_requirements_of_article_ii_section_6a_of_the_constitution_of_virginia.pdf](#)

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Dear Honorable Members of the Supreme Court of Virginia (SCOVA):

The three individuals nominated to fill the Republican Special Master position for redistricting are patently unqualified because of massive conflicts of interest. Please reject them.

- Mr. Kincaid is a partisan hack through and through.
- Mr. Folz helped Wisconsin Republicans ruin any semblance of impartially drawn political districts during the Badger state's last redistricting and continues his infectious partisanship with the Texas redistricting effort.
- Mr. Bryan, according to the [Richmond Times](#), "received \$20,000 in consulting fees from the Virginia Senate Republican Caucus." That is a conflict of interest the size of a barn door.

None of the above Republican nominees could remotely be deemed academicians. I'll also submit that appointing any of them will result in a reiteration of the Virginia Redistricting Commission's failure to produce political district maps.

Speaking of college professors, the spokesperson for the Virginia Republican Senate Caucus was openly contemptuous of the qualification criteria set forth by the Virginia Constitution, as amended, and the [Supreme Court of Virginia's Rules and Procedures for Implementing the Requirements of Article II, Section 6-A of the Constitution of Virginia](#) which states that "the Court should consider any relevant redistricting experience in the Commonwealth and any practical or academic experience in the field of redistricting."

The folks at The Institute for Management Development (IMD) have described the [four tiers of conflict of interest](#) faced by board directors which, I believe pertains broadly to the Special Masters. Furthermore, I believe the Republican nominees **will** - not, *could* - violate tiers I, II, and III.

Failure to reject the Republican nominees could be interpreted as a tier IV conflict of interest on the part of SCOVA which could result in a lawsuit brought before one of Virginia's two federal district courts. This, I contend, would be an indelible stain on SCOVA's reputation.

Very respectfully,
Gregory H. Brandon
McLean, Virginia

From: [Keith Perrigan](#)
To: [Redistricting](#)
Subject: Redistricting
Date: Friday, November 12, 2021 8:49:29 AM
Attachments: [Outlook-byydkqp1.png](#)

EXTERNAL EMAIL

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To whom it may concern,

I am writing to share my opinion about the redistricting process that is underway in the Commonwealth of Virginia. It is my understanding that there is a possibility of combining Russell County with Washington County and the City of Bristol. Even though Russell County adjoins Washington County, Russell County does not share many natural relationships with Washington County and especially not with Bristol. Whether the consideration is for Community College opportunities, Health District guidance, economic relationships related to transportation, or regional educational partnerships, Russell County is a much more natural fit with Tazewell County, Buchanan County, etc. The current recommendation honors this ideal by aligning District 100 in a way that keeps LENOWISCO and Mountain Empire Community College counties together.

Some examples of the benefits of excluding Russell County from a District with Bristol and Washington County include:

- Throughout the pandemic the Mount Rogers Health District has provided guidance to their school divisions that has been different than the guidance from other Health District guidance based on community metrics and practices.
- Virginia Highlands Community College serves as an important partner with our school divisions and offers workforce development opportunities based on our communities' needs.
- The economy on the 1-81 corridor is very different than the economy that is accessed by Highway 19.
- School divisions on the 1-81 corridor have regional partnerships for Special Education, transportation, and mental health related services because of the natural collaborations that are afforded due to proximity, accessibility, and even similar weather patterns.

In summary, please consider the partnerships, relationships, and natural collaborations that students, schools, and industry currently enjoy as you finalize the redistricting process. This will ensure that the best interest of all communities are protected as legislative decisions are made.

Sincerely,

Keith Perrigan, Ed.D.

Superintendent

Bristol Virginia Public Schools

Preparing All Students to Thrive in a Dynamically Changing World



From: Kevin Nelson
To: [Redistricting](#)
Subject: DISQUALIFY REPUBLICAN SPECIAL MASTER NOMINEES TO REDISTRICTING PROCESS
Date: Wednesday, November 10, 2021 11:19:58 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

I am writing today to request that you disqualify the Republican party's special master nominees to the Virginia redistricting process. Republican Delegate Todd Gilbert and Republican Senator Tommy Norment nominated partisan operatives, who are currently on the payroll of Republican organizations. It is clear that these individuals will make no effort to draw fair maps in determining future voting districts. The people of Virginia deserve fair voting maps that allow their votes to matter, and not be weakened through partisan gerrymandering. Accordingly, I hereby request that you disqualify the nominations of Thomas Bryan, Adam Kincaid, and Adam Foltz.

Sincerely,

Kevin Nelson
Midlothian, VA

From: [Mary Anne Pugh](#)
To: [Redistricting](#)
Subject: Implementing the Requirements of Article II, Section 6-A
Date: Friday, November 12, 2021 11:19:36 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

To: Clerk of the Supreme Court of Virginia
Re: Implementing the Requirements of Article II, Section 6-A

Virginians voted for a constitutional amendment that they believed would result in fair, nonpartisan redistricting. Unfortunately, the Redistricting Commission was unable to agree on maps, so the issue is now before the Court. Republicans and Democrats each have nominated 3 masters, but the 3 Republican masters are Thomas Bryan, who worked as a consultant for the Virginia Senate Republican Caucus; Adam Kincaid, previous redistricting coordinator for the national Republican Congressional Committee; and Adam Foltz, who helped draw maps for the Wisconsin State Assembly Caucus that were later declared by courts to be unconstitutionally gerrymandered. The Democratic nominees for masters are all academics with no partisan affiliation who specialize and have vast experience in this work.

As a citizen I would have no confidence in the fairness of maps drawn by the Republican-nominated masters. It is certainly plausible that they will draw maps that would land Virginia back in court and keep our state election process unsettled for years. I urge the Court to work diligently toward fair, nonpartisan redistricting and to reject the Republican nominees. The reputation and legacy of this Court is on the line, too.

Mary Anne Pugh
15209 Mountain Road
Montpelier, VA 23192
804-347-3978

From: losborne@graysoncountyva.gov
To: [Redistricting](#)
Cc: [William L. Shepley](#)
Subject: Public Input
Date: Friday, November 12, 2021 2:10:06 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Good afternoon Commission Members:

I am submitting the below statement on behalf of our County Administrator, William L. Shepley:

During my time as County Administrator for Grayson County, I have come to understand and appreciate how close knit the localities in the Mount Rogers PDC are. We share so many interests and have worked collaboratively on many initiatives including economic development, broadband deployment and educational opportunities. Many of my counterparts in other planning districts of Southwest Virginia feel the same as I do and respectfully request that as you determine the final make up of house districts, you consider how well PDC localities work together to move the region forward and are natural friends and allies with like minded interests. For the Mount Rogers PDC in particular, breaking up these areas into more than 2 house districts could undermine decades worth of work and progress.

Respectfully,

William "Bill" Shepley

Grayson County Administrator

Thank you,

Linda

Linda C. Osborne

Office Manager

Grayson County, VA

PO Box 217

Independence VA 24348

Phone: 276.773.2471

Fax: 276.773.3673

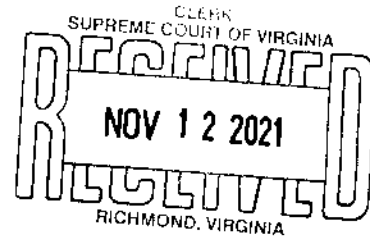
www.graysonvirginia.com



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4 November 2021

Clerk of the Court
Supreme Court of Virginia
P.O. Box 1315
100 North Ninth Street, 5th Floor
Richmond, VA 23219-1315



Dear Clerk Muriel-Theresa Pitney:

I am writing to you to express my opinion about the redistricting situation the Supreme Court of Virginia is now undertaking since the commission was unable to come to a consensus.

I serve as the Chief Election Official for the Newport News Kiln Creek Precinct (#0218). Our precinct is what is known as a split precinct. For the State Senate and Congressional Districts, the residents of this precinct fall into 2 different State Senate districts and 2 different Congressional Districts.

During any of the elections for these seats and any statewide office (Governor, LT Governor, Attorney General, US Senator) our precinct has two different ballots to issue to the voters. The workers must look at the Congressional district indicated in the electronic pollbook and make sure they give the correct ballot to the voter. The workers can easily make a mistake during heavy voting times and during the long day.

Since we are a split precinct, we have to fill out two different sets of election results (one for each Congressional District/State Senate District). As you can imagine, it is easy to make a mistake on the forms after 13 hours of working at the polling place.

As you endeavor to draw the districting maps, I urge you to have one required constraint at the top of your list: Keep every precinct intact for the House of Delegate, State Senate and Congressional Districts. As you work on the districting, keep in mind the additional burdens you are placing on the poll workers and local registrars of any location with a split precinct.

I am available to discuss this with the court or any other persons involved with the map drawing.

Respectfully,

Kenneth H. Sherwood
804 Marly Ct
Newport News, VA 23608
757-660-2307/ kensherwood@earthlink.net

From: [Norman Solowey](#)
To: [Redistricting](#)
Subject: Role and requirements for Special Master
Date: Friday, November 12, 2021 6:00:34 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Your Honors,

I am writing to applaud your clarification of the requirements for the role of special master for redistricting, as cited in your opinion:

"Although the Special Master candidates are to be nominated by legislative leaders of a particular political party, the nominees — upon being appointed by this Court as Special Masters — will serve as officers of the Court in a quasi-judicial capacity. Consequently, the Special Masters must be neutral and must not act as advocates or representatives of any political party."

This is clearly what the constitutional amendment intended to accomplish and I wanted to express my gratitude for clarifying and upholding that intent.

As has been stated many times, voters should have the right to choose their representatives, not the other way around.

With thanks,
Norman Solowey
Palmyra, VA

From: [Skip Stiles](#)
To: [Redistricting](#)
Subject: Nonpartisan redistricting
Date: Friday, November 12, 2021 6:09:17 PM

EXTERNAL EMAIL

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Honorable Justices,

Please do everything in your power to ensure that our redistricting is conducted in a nonpartisan manner. We voted for fair district lines when this process was established and now you are our last hope.

I worked in Congress for 22 years and was involved in three state redistrictings in California. I worked for a Democrat and the Democrats were in charge of the process. It was such a horribly distorted process, held in secret, without regard to the fair representation of the people. Elected representatives were punished for being in the "wrong" party or voting against the Democratic Party's interest. My boss was redistricted out of his district twice by his own party!

I was ashamed of my own party for this and am ashamed that both parties still engage in this practice.

Thank you for upholding an honest and fair redistricting process.

Regards,
Skip Stiles

--

Skip Stiles
1121 Graydon Ave.
Norfolk, Va 23507

From: saulamca@aol.com
To: [Redistricting](#)
Subject: Enough is enough
Date: Friday, November 12, 2021 6:14:02 PM

EXTERNAL EMAIL

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To whom it may concern,
As a landowner, a registered voter, a former business owner and employer (now retired),
I am distraught by the state of our voting districts,
Please bring about a more sane approach to our elections, and thus our governance.
What's wrong with having the already established boundaries of our counties as our voting
blocks?
Thanks for your efforts in clearing up our gerrymandered mess.
Saul Y. Barodofsky
4242 Monacan Trail Rd
North Garden, Virginia
22959

[Sent from the all new AOL app for iOS](#)

From: [John Wanding](#)
To: [Redistricting](#)
Subject: Use computer to draw districts
Date: Friday, November 12, 2021 6:32:08 PM

EXTERNAL EMAIL

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It does not seem to be an impossible task to design an algorithm that would redistrict arbitrarily, based on political boundaries and population. I think William and Mary has done some work in this area.

wanding42@gmail.com

From: [Rick Galliher](#)
To: [Redistricting](#)
Subject: Fair Redistricting!
Date: Friday, November 12, 2021 6:39:21 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Gerrymandering leads to just the far left and far right leading their parties - which is bad for democracy and civil discourse. I want fair redistricting, by precinct - not individual addresses - and no protection for incumbents.!

Thanks

--

Rick Galliher

Sign the Petition - VABottleBill.org



From: [Aaron Penney](#)
To: [Redistricting](#)
Subject: Non partisan map drawers
Date: Friday, November 12, 2021 6:49:41 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

When we voted for doing a commission for districts, it was to get partisans out of the process. Please protect the prices for all Virginians.

Aaron B Penney
703.447.0557

Robert G. Hofheimer
6400 Ocean Front Avenue
Virginia Beach, VA 23451

November 12, 2012

Supreme Court of Virginia
100 North Ninth Street
5th Floor
Richmond, VA 23219-1315
VIA Email Only Redistricting@vacourts.gov

To the Chief Justice and Honorable Associate
Justices of the Virginia Supreme Court

The Virginia Redistricting Commission got hijacked by the General Assembly. The members, well-meaning from the start, were redirected from what the public wanted and twisted to what those members of the commission who were also in the General Assembly wanted: safe districts.

As an active participant in One Virginia 2021, few of us wanted safe districts. We wanted competitive districts. We wanted districts where a “Sen Joe Manchin” type could be competitive in Southwest Virginia and a “Sen Mitt Romney” type had a chance in Northern Virginia.

Here’s an idea: What if the Supreme Court would set up their own Special Committee? It would be composed of only the original citizen members of the Virginia Redistricting Commission (without the pols), plus five true independents chosen by the Supreme Court. This new transparent committee would work on the same original goals of the Virginia Redistricting Commission, including choosing Special Master, but under the supervision of the Supreme Court. This configuration could straighten out the mess the General Assembly created and fulfill the goals Virginia voters thought they were going to get.

I realize that no entity has the authorization to put this plan into place. But isn’t it time to recognize the will of the electorate?

Respectfully,

Robert G. “Buzzy” Hofheimer

Daytime Phone 757.647.2070
Email: Buzzyhof@gmail.com

From: bobnorvell@aol.com
To: [Redistricting](#)
Subject: Thank you
Date: Friday, November 12, 2021 8:00:21 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Your actions in regard to this redistricting situation is the best news I have heard in years. The true role of the courts as I have always understood it is to be totally non partisan. I am proud that you all are living up to that role when I cannot say the same about the the federal supreme court. Way to go!!! Keep up the good work!!!!

Sincerely,
Robert E Norvell
Staunton Virginia

From: [Bob Meunier](#)
To: [Redistricting](#)
Subject: Virginia Redistricting Effort
Date: Friday, November 12, 2021 8:48:04 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

We applaud all efforts for Virginia to re-structure the way voting districts are drawn and to eliminate as much as possible all those with conflicted interests from drawing those districts. This is one of the most important efforts in the way we in Virginia ensure fairness and eliminate bias from the process. All states are watching what we do. Please keep our process as pure and unbiased as possible.

Robert and Antoinette Meunier
114 S. Buchanan St.
Arlington, VA 22204

From: [M. Cooper](#)
To: [Redistricting](#)
Subject: Redistricting of VA
Date: Friday, November 12, 2021 10:02:05 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

SCoVA members:

This is to emphasize the importance of non-partisan membership for those redrawing electoral districts in Virginia. Please do everything in your power to make the districts without political party influence.

Thank you,
Martha Cooper
207 S Virginia Avenue
Falls Church, VA 22046

Sent from my iPhone

From: [Philip Broadfoot](#)
To: [Redistricting](#)
Subject: Redistricting
Date: Friday, November 12, 2021 11:09:09 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Here is my suggestion. It may already be the goal, but if it isn't, please consider it. Thank you.

Redistricting every ten years should be designed to equalize both political parties as much as possible. The parties then “start from scratch” and the one that convinces voters they can govern the best should win consistently. At the end of ten years, redistricting returns everything to an equal status and the political parties have to start over with their efforts to prove their ability to govern. The advantage of this concept is that no one party has a lock on power for more than a decade unless they clearly win the right at the ballot box as opposed to controlling the redistricting process.

Philip Broadfoot

From: [Beth McCoy](#)
To: [Redistricting](#)
Subject: Thank you
Date: Saturday, November 13, 2021 8:15:45 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Dear members of the Supreme Court of Virginia,

Thank you for rejecting the nominees for Special Master in the redistricting process who showed partisan conflicts of interest. This gives me hope that the final district lines will be drawn without bias toward one or the other of the political parties.

E. S. McCoy
Lynchburg, Virginia

From: [Camille Alexander](#)
To: [Redistricting](#)
Subject: Disqualification of nominees
Date: Saturday, November 13, 2021 8:56:35 AM

EXTERNAL EMAIL

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Your Honors,

I was heartened to read you are serious and courageous about the integrity and transparency of the new Virginia redistricting process as reflected by the disqualification of the three Republican and one of the Democratic nominees. Had you allowed those inappropriate delegates, especially those with conflicts of interest all the hard work and amendment to the Virginia constitution would have been in vain.

Thank you for the good, honest work you are doing.

Sincerely,

M. Camille Alexander, M.D.
Goode, Va

From: [Tyrone Foster](#)
To: [Redistricting](#)
Subject: Redistricting
Date: Saturday, November 13, 2021 9:19:28 AM

EXTERNAL EMAIL

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To whom it may concern,

I am appreciative for the opportunity to share my views about the Redistricting Commission's work to redraw district lines in the Commonwealth of Virginia. Washington County and the City of Bristol have long been served in the same district along with Smyth County and other localities along Interstate 81. Russell County does not always experience the same concerns that we have in our section of Southwest Virginia. When you consider the economy, infrastructure, transportation and geographic needs of our community, Russell County shares more in common with coalfield localities like Tazewell and Buchanan. Those counties have longstanding partnerships already developed through their Health District, Planning District, and Community College service area.

As you are drawing lines that will impact the way our rural communities are represented in Richmond, please consider the preexisting partnerships that are already established to ensure our community interests are better represented and protected.

Again, I appreciate the opportunity to weigh in on this important issue that will impact our region for years to come. The work you are doing is important and I am confident the input of stakeholders will be given careful consideration.

Sincerely,

R. Tyrone Foster
School Board Chairman
Bristol Virginia Public Schools

R. Tyrone Foster
**School Board Chairman
Bristol Virginia City Public Schools
Past Virginia School Boards President
280 Lee Street
Bristol, Virginia 24201**

"Be The Difference"



From: [m.doyle](#)
To: [Redistricting](#)
Subject: A bipartisan, balanced approach to redistricting is critical
Date: Saturday, November 13, 2021 9:35:59 AM

EXTERNAL EMAIL

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Given the events of Jan 6, 2021, when insurrectionists almost took control of our U.S. government, I am very concerned about a voting system that allows all citizens' voices to be heard in a balanced format. I urge you to appoint professional, non-partisan officials to help determine a fair redistricting of Virginia's congressional districts. Thank you for keeping a sense of integrity in Virginia's voting system.

Respectfully,

Mike Doyle
Alexandria, VA

Redistricting Decision Matrix for Virginia's Congressional Districts

The primary data source used to develop the Decision Matrix was the most current data available from the US Census Bureau for zip codes/ZCTAs from the American Community Survey's 2019 5-year estimates.

VA Congressional District	Current population within 95% to 105% of 1/11 of Virginia's total population?	Urban Land Area – Rural Land Area Breakdown within 95%-105% of state-wide averages?	Ethnicity Balanced?	Land Area relative to Average state CD Land Area	Candidate for Redistricting?
VA-01	No – Has excess of 48,945 residents.	No - Urban Land Area deviates from state-wide average of 75.51% by negative 5.97%	No -Current % of Whites exceeds state-wide average by 6.83% .	Minor Deviation from state-wide average (i.e.; 94.28 square miles)	Yes
VA-02	No -; shortfall of 52,070 residents.	No - Urban Land Area exceeds state-wide average by 16.99% .	Yes	Shortfall of 2,598.32 square miles	Yes
VA-03	Yes	Yes	Yes	Shortfall of 2,642.92 square miles	No
VA-04	Yes	Yes	Yes	Exceeds state-wide average by 720.28 square miles	No
VA-05	No - shortfall of 40,231 residents.	No - Urban Land Area falls short of state-wide average by 40.21% .	No - * Current % of Whites exceeds state-wide average by 9.41% * Current % of Hispanics falls short of state-wide average of 5.5% .	Entire Land Area is 10,030 square miles which exceeds all of other congressional districts total land areas.	Yes

VIRGINIA CONGRESSIONAL DISTRICT REDISTRICTING DECISION MATRIX

VA Congressional District	Current population within 95% to 105% of 1/11 of Virginia's total population?	Urban Land Area – Rural Land Area Breakdown within 95%-105% of state-wide averages?	Ethnicity Balanced?	Land Area relative to Average state CD Land Area	Candidate for Redistricting?
VA-06	Yes	Urban Land Area falls short of state-wide average by 11.17% .	No – * Current % of Whites exceeds state-wide average by 18.07% . * Current % of Blacks falls short of state-wide average by 7.83% .	Exceeds state-wide average by 2,339.98 square miles	Yes
VA-07	Yes	Yes	Yes	Shortfall of 813.62 square miles from state-wide average	No
VA-08	Yes	No - Urban Land Area exceeds state-wide average by 24.2% .	No – * Current % of Whites less than state-wide average by 9.49% . * Current % of Hispanics exceeds state-wide average by 9.74% . * Current % of Asians exceeds state-wide average by 6.51% .	Shortfall of 3,440.82 square miles from state-wide average	Yes

VIRGINIA CONGRESSIONAL DISTRICT REDISTRICTING DECISION MATRIX

VA Congressional District	Current population within 95% to 105% of 1/11 of Virginia's total population?	Urban Land Area – Rural Land Area Breakdown within 95%-105% of state-wide averages?	Ethnicity Balanced?	Land Area relative to Average state CD Land Area	Candidate for Redistricting?
VA-09	No - shortfall of 71,919 residents.	No -Urban Land Area falls short of state-wide average by 33.76% .	No – * Current % of Whites exceeds state-wide average by 25.62% . * Current % of Blacks falls short of state-wide average by 8.33% . * Current % of Hispanics exceeds the state-wide average by 9.74% . * Current % of Asians exceeds state-wide average by 6.51% .	Exceeds state-wide average by 5,523.88 square miles	Yes
VA-10	No - excess of 81,696 residents	No - Urban Land Area exceeds state-wide average by 10.02% .	No – * Current % of Blacks falls short of state-wide average by 12.62% . * Current % of Asians exceeds state-wide average by 8.96% .	Shortfall of 2,217.82 square miles from state-wide average	Yes

VIRGINIA CONGRESSIONAL DISTRICT REDISTRICTING DECISION MATRIX

VA Congressional District	Current population within 95% to 105% of 1/11 of Virginia's total population?	Urban Land Area – Rural Land Area Breakdown within 95%-105% of state-wide averages?	Ethnicity Balanced?	Land Area relative to Average state CD Land Area	Candidate for Redistricting?
VA-11	Yes	No - Urban Land Area exceeds state-wide average by 24.46% .	No – * Current % of Whites falls short of state-wide average by 15.79% . * Current % of Hispanics exceeds state-wide average by 9.43% . * Current % of Asians exceeds state-wide average by 13.81% .	Shortfall of 3,404.92 square miles from state-wide average	Yes

From: [Christopher Pax](#)
To: [Redistricting](#)
Subject: Non Partisan Special Masters
Date: Saturday, November 13, 2021 11:47:09 AM

EXTERNAL EMAIL

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Greetings justices of the Virginia Supreme Court:

It is with admiration that I note the court has chosen to weed out partisan candidates for the positions of Special Masters for the drawing of nonpartisan election maps. The voters of Virginia have strongly indicated that we want a nonpartisan redistricting process.

While disappointing that the appointed commission could not put the hopes and desires of the electorate above their party loyalty, I think we now have another opportunity for the creation of fair districts.

Thank you for taking petty politics out of the process by demanding nonpartisan Special Masters. Please stay vigilant to make sure we get the best, fairest voting district maps possible.

Yours sincerely,
Christopher Pax

From: [Nancy Montagna](#)
To: [Redistricting](#)
Subject: fair redistricting
Date: Saturday, November 13, 2021 2:34:10 PM

EXTERNAL EMAIL

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Thank you so much for showing your commitment to fair, non-partisan redistricting.

Nancy
Hood, VA 22727

Nancy K Montagna, PhD
Licensed Clinical Psychologist
Master Practitioner and Trainer for Accelerated Resolution Therapy,
www.acceleratedresolutiontherapy.com

From: [Candace Graham](#)
To: [Redistricting](#)
Subject: 7th CD communities of interest
Date: Saturday, November 13, 2021 3:10:33 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

When drawing the 7th Congressional District, please do not separate Chesterfield from Henrico. We are communities that work, live and shop/recreate in each county. The 288 and 64 corridors have similar vested interests. Please keep this district contiguous.

Thank you,
Candace Graham
Midlothian, VA

From: [Brenda Hill](#)
To: [Redistricting](#)
Subject: Redistricting
Date: Saturday, November 13, 2021 9:08:34 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

I live in Chesterfield County which encompasses part of the 7th Congressional District. The communities of interests need to be kept together because residents of Chesterfield County, Henrico County and the surrounding areas support each other. Many Chesterfield County residents work in Henrico County and vice versa. The same applies to shopping, medical care, etc. The 7th district, especially Chesterfield County and Henrico County need to remain part of the 7th district. The surrounding rural areas also do business in Chesterfield County and Henrico County and are a large part of our community. These areas are made up of Democrats, Republicans, and Independents who have the best interest of the community and the 7th district at heart. The 7th district isn't broken so please don't try to fix it.

Brenda Hill
804-218-1717

From: [Marie Winn](#)
To: [Redistricting](#)
Subject: Redistricting Virginia
Date: Sunday, November 14, 2021 6:23:23 PM

EXTERNAL EMAIL

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Dear members of the SCOVA,

It is so important that every eligible Virginian votes. Please draw clear, fair lines that do not automatically determine election outcomes. This is not about political party this is about having our one vote count and make a difference. Many people already believe their votes does not count, please don't make them right!!! I continue to believe that you WILL protect each and every Virginians right to vote. Thank you.

Sincerely
Marie Winn
Glen Allen, Virginia

From: [Brenda Hill](#)
To: [Redistricting](#)
Subject: Redistricting
Date: Saturday, November 13, 2021 9:08:34 PM

EXTERNAL EMAIL

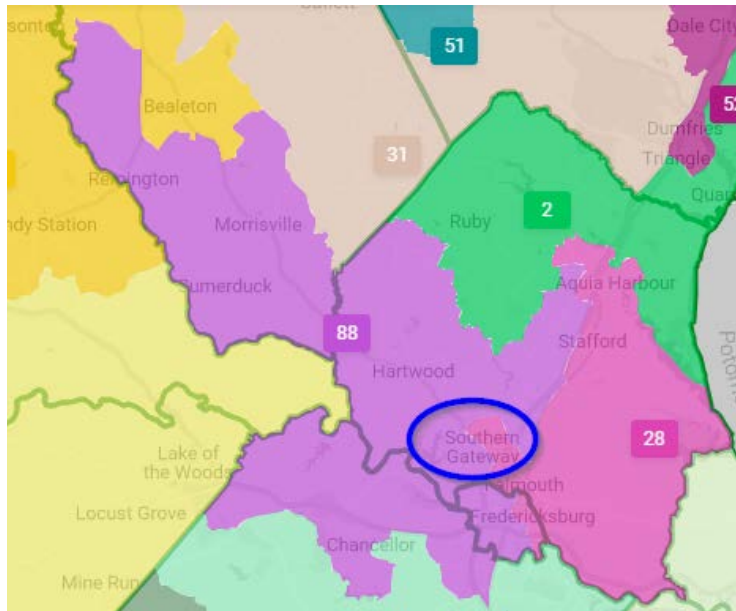
THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

I live in Chesterfield County which encompasses part of the 7th Congressional District. The communities of interests need to be kept together because residents of Chesterfield County, Henrico County and the surrounding areas support each other. Many Chesterfield County residents work in Henrico County and vice versa. The same applies to shopping, medical care, etc. The 7th district, especially Chesterfield County and Henrico County need to remain part of the 7th district. The surrounding rural areas also do business in Chesterfield County and Henrico County and are a large part of our community. These areas are made up of Democrats, Republicans, and Independents who have the best interest of the community and the 7th district at heart. The 7th district isn't broken so please don't try to fix it.

Brenda Hill
804-218-1717

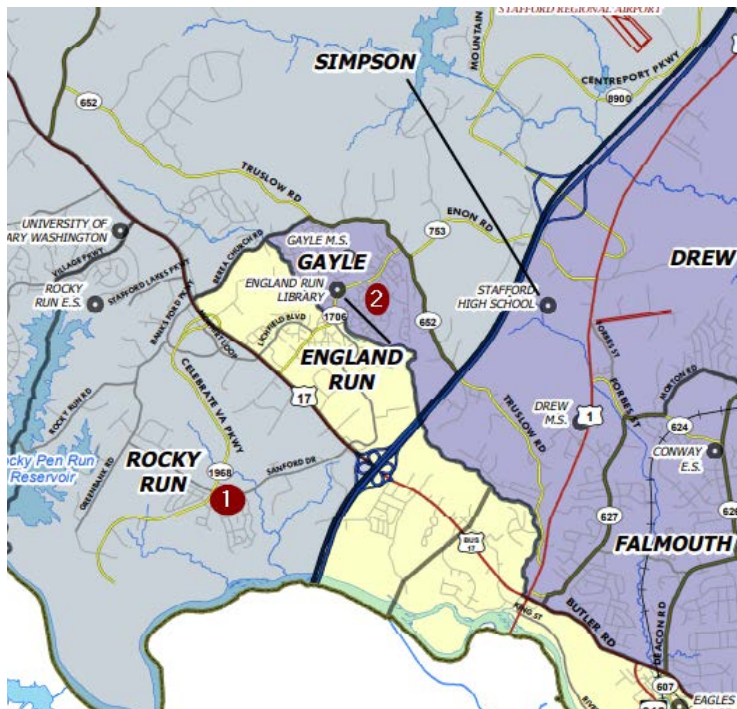
TO: Justices of the Supreme Court of Virginia and Special Masters
RE: Rules and Procedures for Implementing the Requirements of Article II, Section 6-A
SUBJECT: **House Districts – Stafford County – Celebrate by Del Webb “Community of Interest”**
Date: November 14, 2021

Our “Celebrate by Del Webb” community is in Stafford County to the west of I-95 and just south of Route 17. (Please see area within blue oval on the map.) We are in the 88th House District (Purple)



Current map of 88th and 28th House Districts

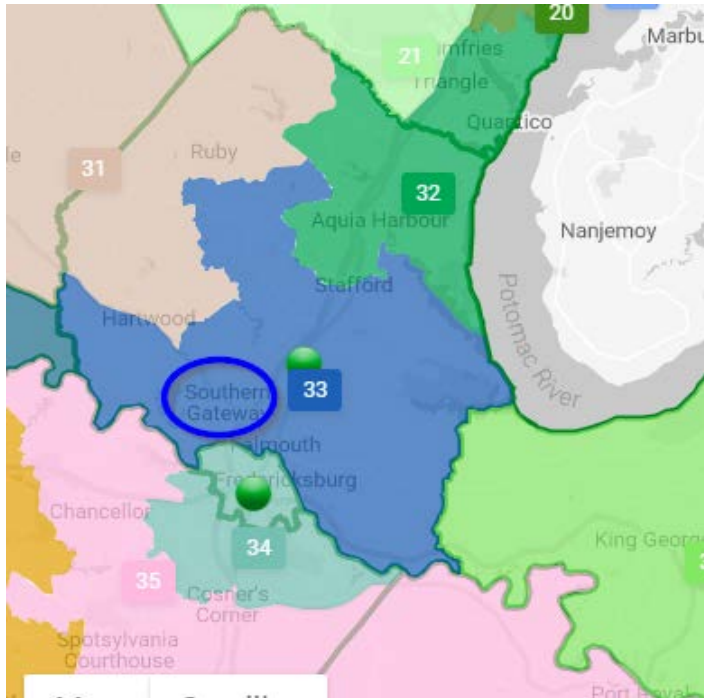
which was formed in 2001 to include parts of Stafford, Spotsylvania and Fauquier Counties and Fredericksburg City. In 2001, the area where Celebrate was built was undeveloped. Today, we have over 1,000 homes. Falls Run, another Del Webb community of almost 800 homes is just on the other side of Route 17. They are, however, in the 28th House District (hot pink) in a section that was carved out of the 88th. Because of this “thumb,” our two communities are divided among two Virginia House districts and three magisterial districts. Even though we are less than four miles from our “sister” Del Webb community, our representation depends on which side of Route 17 we live on.



Portion of Stafford County Election Districts Map – Celebrate by Del Webb is #1 and Falls Run is #2.

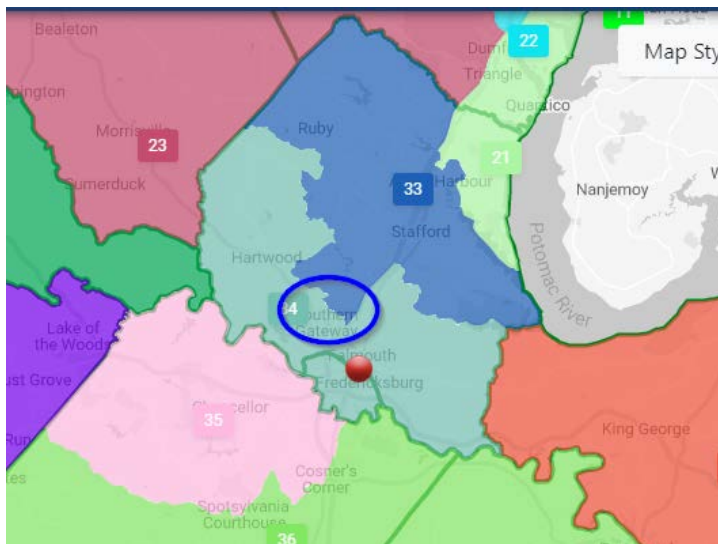
We share similar concerns about traffic congestion on Route 17 and I-95. Route 17 is the “main street” for both our communities but mainly serves trucks and through traffic accessing I-95 and there are way too many auto parts stores and fast-food restaurants. If we had the same representatives, our voices for improved development might be heard. **It is important that you combine the 88th and 28th House Districts in this area and eliminate this carveout.** It is hoped magisterial districts may then follow suit and be drawn more logically by Stafford County.

Please consider two possible solutions to bring our communities together –



Commission Map #254 would no longer divide our “community of interest” because the “thumb” is eliminated and our communities on either side of Route 17 would be together.

[Commission Map #254 – B7 Statewide HOD, 10-7-2021](#)



Commission Map #198 still divides our “community of interest” – two large “55+” developments – Falls Run by Del Webb and Celebrate by Del Webb – which are on either side of Route 17. Falls Run would be in District 33 and Celebrate in District 34. The “arm” of District 33 extends too far south toward Route 17. **An easy fix would be to divide Districts 33 and 34 slightly more north. Stop at 652 (Truslow Rd.) or even out that area entirely with a line drawn along Potomac Creek.**

[Commission Map #198 – A7 Statewide HOD, 10-3-2021](#)

Respectfully,

Fran and Richard Larkins
40 Battery Point Dr.
Fredericksburg, VA 22406
[Franlarkins\\$0@gmail.com](mailto:Franlarkins$0@gmail.com)
703-517-9032

Michael and Lynne McCay
26 Battery Point Dr.
Fredericksburg, VA 22406
mdmlkm73@verizon.net
540-373-1960

Walter and Mary Mathews
66 Battery Point Dr.
Fredericksburg, VA 22406
wmmathews@me.com
516-671-4772

Elizabeth and Bruce Smith
281 Long Point Dr.
Fredericksburg, VA 22406
epsmith@gisco.net
315-286-4551

Juanita Channel
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Fredericksburg, VA 22406

Clayton Hill
3 Mendota Way
Fredericksburg, VA 22406

Elliott Rubinstein
167 Long Point Dr.
Fredericksburg, VA 22406

Paul and Janet Bonner
19 Eagle Bluff St.
Fredericksburg, VA 22406

Denise and Dirk Georgeson
30 Battery Point Dr.
Fredericksburg, VA 22406

Renee Marshall
239 Long Point Dr.
Fredericksburg, VA 22406

Elaine Diepenbrock
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540-370-8868

Eleanor Loos
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Fredericksburg, VA 22406

Deborah Wilcox
80 Table Bluff Dr.
Fredericksburg, VA 22406

Idella Edwards
188 Hyannis Pl.
Fredericksburg, VA 22406

Kim Jacoby
2 Whaleback Lane
Fredericksburg, VA 22406

Anne Tunney
46 Denison St.
Fredericksburg, VA 22406

Bill and Barbara Wright
178 Long Point Dr.
Fredericksburg, VA 22406

From: [Joette Mitchell](#)
To: [Redistricting](#)
Subject: Implementing the Requirements of Article II, Section 6-A
Date: Monday, November 15, 2021 5:33:51 AM

EXTERNAL EMAIL

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To: Clerk of the Supreme Court of Virginia

I'm writing to remind you that Virginians are counting on you to:

--appoint no master with a conflict of interest

--insist on only experienced, knowledgeable masters

--conduct the process in a non partisan way

Please act with the highest integrity in this process so that ALL VIRGINIANS can trust the process of redistricting in our Commonwealth!

--

Joette Mitchell

From: linda.Caldwell@comcast.net
To: [Redistricting](#)
Subject: Suggestions for Redistricting
Date: Monday, November 15, 2021 9:08:21 AM

EXTERNAL EMAIL

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Put a small population county in a single district.

No zig-jag lines

Each district representative of the overall population in terms of race and political leaning.

It's that simple.

Thank you for the opportunity to comment.

Linda Caldwell, Henrico County

From: [Kat Maybury](#)
To: [Redistricting](#)
Subject: Please read previous comments
Date: Monday, November 15, 2021 9:18:41 AM

EXTERNAL EMAIL

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Hello-

I strongly urge the court to please read, or at least peruse, the previous comments that were submitted to the Redistricting Commission via their website to get a flavor of the concerns that people across the state were expressing. There was much more communication about how to comment on the maps and there were a lot of legitimate concerns expressed. It seems like a shame if those were completely lost at this stage.

In particular (but not exclusively) there were a *flood* of comments about splitting up Albemarle County (and to some extent its "sister county, Nelson) into 2 or more House districts to dilute it. Albemarle (Nelson) is clearly a single community. Nearly everyone works in the Charlottesville area/UVA, attends the same schools/places of worship, roots for the same teams, goes to the same shops, etc. We have been split up for years---unfairly, in what people here *know* is a gerrymander---and people here **are expecting this process to fix this.**

Please keep Albemarle or Albemarle/Nelson together in a single House District. Charlottesville City, being its own district makes sense given its population but the rest of Albemarle or Albemarle/Nelson is one community, as so many commenters pointed out.

Again, please see the comments on the earlier maps for this and so much more. You will really get a flavor for the most pressing concerns.

Thank you for your work.

-Kat Maybury
Albemarle County

From: [David Hechtman](#)
To: [Redistricting](#)
Subject: Holmes Run Acres/Merrifield community of interest in Fairfax County's Woodburn precinct (VTD 717)
Date: Monday, November 15, 2021 9:25:28 AM

EXTERNAL EMAIL

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I am a resident of [Holmes Run Acres](#), a [historic](#) neighborhood of 355 homes due south of Tysons Corner, in [Fairfax County's Woodburn precinct](#) (#717).

We are part of the Merrifield/Falls Church area, at the **intersection of three north-south arterials**. [Two of these roads are interstate highway facilities - the Capital Beltway and the I-495 Express Lanes](#).

Woodburn is the southernmost precinct in [Fairfax's Merrifield Suburban Center planning area](#).

Woodburn precinct has **only 2,054 active voters but is an employment hub for medical and defense research** - much of it federally funded. Our precinct includes the [Inova Schar Cancer Institute](#), [Inova Center for Personalized Health](#), the headquarters of [General Dynamics Information Technology](#) (GDIT), in addition to 21 lane-miles of interstate highway.

- Holmes Run Acres and Woodburn would benefit from remaining in the **Eleventh Congressional District with:**
 - **Mantua/Price** precincts, where many neighborhood children, including mine, [attend FCPS's Mantua Elementary](#)
 - The entire **Dunn Loring-Merrifield** area, home to our nearest transit and retail, as well as Luther Jackson Middle School, which our neighborhood children attend
 - **Pine Ridge** precinct - a former section Woodburn precinct with which we share Gallows Road and the Inova campus
- We understand that General Assembly Districts are smaller. We wish to be in the same district as **central Merrifield precincts on both sides of I-495, where our experience with VDOT road projects** is most similar:
 - We have a **lesser interest in the east-west routes radiating from Arlington, Alexandria, and D.C.** - distinguishing Holmes Run Acres and Woodburn from Annandale, Burke, Fairfax/Falls Church cities, Lake Barcroft, Mantua, Ravensworth/Braddock, Springfield, and Vienna.

Thank you,
David Hechtman
7705 Poplar Tree Ln, Falls Church

From: [Susan Holland](#)
To: [Redistricting](#)
Subject: Thank you, SCOVA!
Date: Monday, November 15, 2021 10:40:33 AM

EXTERNAL EMAIL

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Thank you, SCOVA, for rejecting the three Republican nominees for Special Master who were disqualified due to conflicts of interest. THAT gives me hope that all Virginians will be able to vote without fearing that their votes won't count.

Susan Holland
Reedville, VA

JACQUELINE COACHMAN

1921 South Langley Street · Arlington, Virginia 22204 · 703.553.8250 · jacquelinecoachman@comcast.net

15 November 2021

Clerk of the Supreme Court of Virginia
100 North Ninth Street, 5th Floor
Richmond, VA 23219-1315

RE: Rules and Procedures for Implementing the Requirements of Article II, Section 6-A

Dear Ms. Pitney:

While many comments regarding the construct of redistricting maps are being considered, my appeal is rooted in my heritage. I am the great-great-granddaughter of Sergeant Alfred Pride, a Buffalo Soldier born in 1854 in Amelia Court, Virginia. A journey that began as a teenager in Amelia Court ended at Fort Myer (VA). His last assignment was in recognition of the contributions of the 9th Calvary, including a herculean effort to provide assistance to General Custer at Little Bighorn (reportedly riding horseback for almost 48 hours only to arrive too late to save the man who refused to command black troops), protecting the construction of the Pacific Railroad, and preserving Yosemite and Sequoia National Parks. All of the challenges and obstacles Sergeant Pride overcame were overcome because of his fierce belief that the American way of truth and justice would eventually apply to all Americans.

The Supreme Court has already demonstrated the depth of its commitment to truth and justice in the redistricting process. All Virginians are entitled to a redistricting process that places equity over the amassing of political power. Research of the caliber of that produced by Tufts University would be a blessing to the realization of that goal.

Like Sergeant Pride, many Virginians of all stripes and colors have sacrificed much to assure America is truly the home of the free. The way to acknowledge those sacrifices is to assure the vote of each and every Virginian matters ... regardless of their color.

Sincerely

/s/

Jacqueline Coachman

From: [Mike Fox](#)
To: [Redistricting](#)
Subject: Albemarle County
Date: Monday, November 15, 2021 11:43:24 PM

EXTERNAL EMAIL

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To whom it may concern:

Albemarle County is a community of interest and shares a cultural identity unique to Virginia, with Monticello, Highlands and the University of Virginia in its borders. Our residents, which includes the town of Scottsville, share similar concerns with agribusiness, housing development and tourism that makes having one unified voice in Richmond all the more important and productive.

I would encourage the special masters and justices to keep Albemarle as compact as possible for state House districts. The county is currently mapped into four different districts, and only one delegate lives in Albemarle.

One draft map split Albemarle into two districts: one that'd include Charlottesville and another that'd include Greene County. Such a map would accurately reflect the common interests of county residents, policymakers and stakeholders.

Mike Fox
Albemarle County

From: [slades123](#)
To: [Redistricting](#)
Subject: Fw: Virginia Redistricting
Date: Tuesday, November 16, 2021 9:41:57 AM

EXTERNAL EMAIL

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[Sent from the all new AOL app for iOS](#)

Begin forwarded message:

On Sunday, November 14, 2021, 2:42 PM, slades123 <slades123@aol.com> wrote:

To the Supreme Court of Virginia:

The purpose of this letter is to respectfully express my opinion on Virginia Redistricting as it pertains to the 7th Congressional District. My family and I live and work in Chesterfield County. As such, we are advocating for Chesterfield County to remain within the boundaries of the 7th Congressional District. We do a good amount of our shopping in Henrico County and would very much appreciate local connecting customs between the two counties to remain the same.

Thank you in advance for your kind consideration.

Respectfully submitted,

Daniel Walter Slade
Eileen Slade
5311 Chestnut Bluff Terrace
Midlothian, Virginia 23112

[Sent from the all new AOL app for iOS](#)

From: [William Panak](#)
To: [Redistricting](#)
Subject: To the Clerk of the Supreme Court of Virginia -- Congressional Redistricting
Date: Tuesday, November 16, 2021 9:59:03 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

This letter is in regards to the Supreme Court's request for input on how Article II, Section 6-A of the Virginia Constitution will be enacted for the 2022 election, how the VA-7 district as it is currently drawn, and the fact that only the B5 map is favorable to my current congresswoman, Abigail Spanberger.

Abigail is a good fit for this district, and the district currently leans against her by 5% as per the 538 analysis:

https://projects.fivethirtyeight.com/redistricting-2022-maps/virginia/commission_plan_b5/

Regardless of this lean, Abigail has been elected and re-elected, and she has been a successful congress member. Her bravery saved lives on January 6 when she defied an order from Capitol Police to the press who were in the House chamber to have the press leave the safety of the chamber. Abigail showed valor. Her influence over legislation on rural broadband shows that she can serve a diverse district. Her passion and voice matters a lot in these times.

Meanwhile, the most likely challenger to this district, VA Delegate John McGuire, attended the January 6 insurrection, then lied about his attendance. He stated that he did not realize it had become violent until he returned home that evening. There are pictures clearly showing him within 50 yards of the police barricade at the point where the crowd at the barricade is hostile and 20-50 people deep. He did nothing other than join the crowd and move with the mob. I do not want that man in Washington making decisions for any of us.

Any district that rewards John McGuire with a safe seat is an abomination. Only one map works against that, and that map pulls in college educated populations from the University of Richmond, through to the various community colleges and to University of Virginia. It may be a diverse district, but it also has a stake in this outcome. Given the trial that is ongoing in Charlottesville, it would send a deeply disturbing message to Virginians, state-wide, to set aside the B-5, VA-7 district for any other option.

I understand that achieving a balance across numerous factors is needed, and I don't expect the final VA-7 district to have a +5 lean for Abigail. But I do expect fairness and that is why I voted for the bipartisan redistricting amendment, and why I volunteered to serve on the committee. Now that work falls to the Supreme Court of Virginia, and I appreciate the gravity of that work. I hope my words are read in the spirit with which the words are intended. These are troubling times, we need basic fairness, honesty, and goodwill. That is what Abigail Spanberger embodies, as well as valor and fierce friendship, please draw a fair district so that she can win re-election in a fair way.

Regards,

William Panak
1517 Jonquill Dr
Henrico, VA 23238

(804) 726-0800

From: [Shelby Thompson](#)
To: [Redistricting](#)
Subject: Stop being so bipartisan
Date: Tuesday, November 16, 2021 10:14:52 AM

EXTERNAL EMAIL

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Republicans as well as democrats need to be on the redistricting decisions.

I would like to get back into my district I live in because I feel like it is "Taxation without Representation" because if I complain in my voting district they tell me I have to go to the district I live in. If I go to the district I live in, they tell me to go to my voting district. It gets complicated and I do not like it.

Shelby Thompson

From: [jim.poole](#)
To: [Redistricting](#)
Subject: Rules and Procedures for Implementing the Requirements of Article II, Section 6-A
Date: Tuesday, November 16, 2021 5:19:40 PM

EXTERNAL EMAIL

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Clerk of the Supreme Court of Virginia

Dear Sir/Madam:

First, thank you for the opportunity to comment on implementing the requirements of Article II, Section 6-A. My comments are mine alone and result from my concern that the Court needs to hear the views of those citizens who are most likely to be adversely affected by its decision, should it result in a dilution of our vote, not in the Commonwealth alone, but in selecting our representative in the 7th U.S. Congressional District in Virginia.

Second, it was readily apparent among reports of the day to day meetings of the Bipartisan Redistricting Committee, that efforts were made to gerrymander the 7th District in Virginia so that our sitting representative in Congress would lose the seat that she won in two elections. This is unacceptable and the Court needs to ensure that there is no interference with our ability to choose our representative in Congress.

Third, there is no reason for changing the balance of rural counties and suburban counties in the 7th District of Virginia. Voters in Orange, Culpeper and Madison Counties have been well-served by our elected representative, just as those suburban counties south of us. Please ensure that the Court hears and recognizes the need to maintain a rural and suburban balance in the 7th District.

Finally, the matter of redistricting has been passed to the Court by default. It is clear that members of the Bipartisan Redistricting Committee intended to redefine the 7th District, simply to remove a highly effective representative from political office. The Court must not let this happen.

Yours truly,

sgd/jpoole

Alfred J. Poole, III
208 Beachside Cove
Locust Grove, VA 22508
jjpoole33@gmail.com

From: [Eileen Davis](#)
To: [Redistricting](#)
Subject: Concerning the rules and procedures for implementing the requirements for article 2, section 6-A
Date: Tuesday, November 16, 2021 9:39:58 PM

EXTERNAL EMAIL

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As a resident of the 7th congressional district, I am hopeful that **when redrawing Congressional districts**, the court will address the important aspect of keeping Chesterfield, and Henrico counties together, **along with** the 64 west corridor, up to and including Charlottesville and greater Abermarle county. This contiguous **288/64 highway interchange corridor** would preserve communities of interest as well as meet the requirements of **contiguous borders**. These three counties and their surrounding areas share common roadways via **the 288 and 64 interchange**, which provide everyday transportation infrastructure of highways, bridges, buses, and train services for employment, medical services and hospitals, public health and safety, educational access, shopping, emergency services, economic development, local environmental concerns, and parks and recreation .

The 288/ 64 corridor is a deeply intertwined, interconnected community . One needs only to see 288 north and south bound full of commuters each business day crossing the James River because, **from both directions**, they work in one and live in the other.

The same holds true for the 64 corridor between Henrico County and Charlottesville/ Abermarle County , including the rural swath between, whose residents also work, play and recreate between the connected urban/**suburban** areas that surround them.

Please keep **Route 288** north and south and **the Interstate 64 West corridor from Henrico County** to Charlottesville/ Albermarle, top of mind in drawing a **Congressional district** of contiguous community interest.

Thank you,
Martin Davis
Glen Allen
804-432-7917

From: [Terry Hickey](#)
To: [Redistricting](#)
Subject: Redistricting in Virginia - Albemarle and Nelson Counties
Date: Wednesday, November 17, 2021 2:46:22 PM

EXTERNAL EMAIL

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Muriel-Theresa Pitney
Clerk of the Virginia Supreme Court
100 North Ninth Street, 5th Floor
Richmond, VA 23219

To Whom It May Concern,

My name is Teresa A. Hickey. I am a resident of Albemarle County, Virginia. Pursuant to Rule 4 under the Rules and Procedures for Implementing the Requirements of Article II, Section 6-A of the Constitution of Virginia, I am submitting my comments to you regarding redistricting.

House of Delegates Map: Please keep Albemarle County as unified as possible to maintain our community of interest and allow us to live in fair, compact House of Delegates Districts. Specifically, please include us in only 2 House Districts. One District should be Charlottesville and some portion of Albemarle. The second District should be the rest of Albemarle and our neighbor to the south, Nelson County, with whom we share a community of interest. This would be a fair treatment of our county. The citizens of Albemarle and Nelson share in the Blue Ridge Health District. We also share in the Jefferson Madison Regional Library. Unfortunately, for the past decade the people of Albemarle County have been fractured across 4 House Districts. This divides neighborhoods, separates families and friends, sows confusion among residents, breeds apathy, dilutes our ability to participate in the political process, and muzzles the voices of the people in state-level government. You can keep Albemarle County in 2 Districts in the way I have described above by doing something the Redistricting Commission was not able to do: compromise. Specifically, a compromise between proposed maps A7 and B6 offers a path forward for a fair treatment of Albemarle County. One negative aspect of Map A7 is that it slices Albemarle into 3 Districts. This would lead to the same negative results that we experience under the current map. That is simply not acceptable. In contrast, Map B6 keeps Albemarle in 2 compact Districts, thereby maintaining our community of interest. This is much better for the people here. However, Map B6 draws Albemarle County in with a piece of Augusta County. GOP Commissioners specifically objected to this proposal because there are mountains between Augusta and Albemarle. To address that concern directly, we can look to Map A7, which combines Nelson County with Albemarle County. This solution has the benefit that Nelson County has roughly

the same population as the portion of Augusta County included with Albemarle under Map B6. Thus, it should be a relatively easy fix in terms of map drawing. In sum, dividing Albemarle County into any more than 2 Districts would be a betrayal of the people here. Please draw a fair map for our area by keeping us into the 2 Districts I have described.

Congressional Map: With regard to the Congressional Map, our area is currently in the heavily gerrymandered, non-compact 5th District. The Congressional maps proposed by the GOP members of the Redistricting Commission were unfortunately egregious partisan gerrymanders. Please proceed in good faith in ensuring that we have an opportunity to choose our Representative in a compact, fairly-drawn District that maintains communities of interest and rejects bad faith partisan efforts to gerrymander us for another decade.

Thank you.

Teresa Hickey

Albemarle County, Virginia

From: [Charles Mathewes](#)
To: [Redistricting](#)
Subject: VA Redistricting
Date: Wednesday, November 17, 2021 2:50:55 PM

EXTERNAL EMAIL

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Feel free to use my message below as a template. Cheers.

Muriel-Theresa Pitney
Clerk of the Virginia Supreme Court
100 North Ninth Street, 5th Floor
Richmond, VA 23219

To Whom It May Concern,

My name is Charles Mathewes. I am a resident of Albemarle County, Virginia. Pursuant to Rule 4 under the Rules and Procedures for Implementing the Requirements of Article II, Section 6-A of the Constitution of Virginia, I am submitting my comments to you regarding redistricting.

House of Delegates Map: Please keep Albemarle County as unified as possible to maintain our community of interest and allow us to live in fair, compact House of Delegates Districts. Specifically, please include us in only 2 House Districts. One District should be Charlottesville and some portion of Albemarle. The second District should be the rest of Albemarle and our neighbor to the south, Nelson County, with whom we share a community of interest. This would be a fair treatment of our county.

Unfortunately, for the past decade the people of Albemarle County have been fractured across 4 House Districts. This divides neighborhoods, separates families and friends, sows confusion among residents, breeds apathy, dilutes our ability to participate in the political process, and muzzles the voices of the people in state-level government.

You can keep Albemarle County in 2 Districts in the way I have described above by doing something the Redistricting Commission was not able to do: compromise. Specifically, a compromise between proposed maps A7 and B6 offers a path forward for a fair treatment of Albemarle County. One negative aspect of Map A7 is that it slices Albemarle into 3 Districts. This would lead to the same negative results that we experience under the current map. That is simply not acceptable.

In contrast, Map B6 keeps Albemarle in 2 compact Districts, thereby maintaining our

community of interest. This is much better for the people here. However, Map B6 draws Albemarle County in with a piece of Augusta County. GOP Commissioners specifically objected to this proposal because there are mountains between Augusta and Albemarle. To address that concern directly, we can look to Map A7, which combines Nelson County with Albemarle County. This solution has the benefit that Nelson County has roughly the same population as the portion of Augusta County included with Albemarle under Map B6. Thus, it should be a relatively easy fix in terms of map drawing.

In sum, dividing Albemarle County into any more than 2 Districts would be a betrayal of the people here. Please draw a fair map for our area by keeping us into the 2 Districts I have described.

Congressional Map: With regard to the Congressional Map, our area is currently in the heavily gerrymandered, non-compact 5th District. The Congressional maps proposed by the GOP members of the Redistricting Commission were unfortunately egregious partisan gerrymanders.

Please proceed in good faith in ensuring that we have an opportunity to choose our Representative in a compact, fairly-drawn District that maintains communities of interest and rejects bad faith partisan efforts to gerrymander us for another decade.

Thank you.

Charles Mathewes
Albemarle County, Virginia

From: [Atieno Bird](#)
To: [Redistricting](#)
Subject: comment
Date: Wednesday, November 17, 2021 3:27:13 PM

EXTERNAL EMAIL

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To Whom It May Concern,

My name is Atieno Bird. I am a resident of Albemarle County, Virginia. Pursuant to Rule 4 under the Rules and Procedures for Implementing the Requirements of Article II, Section 6-A of the Constitution of Virginia, I am submitting my comments to you regarding redistricting. House of Delegates Map: Please keep Albemarle County as unified as possible to maintain our community of interest and allow us to live in fair, compact House of Delegates Districts. Specifically, please include us in only 2 House Districts. One District should be Charlottesville and some portion of Albemarle. The second District should be the rest of Albemarle and our neighbor to the south, Nelson County, with whom we share a community of interest. This would be a fair treatment of our county.

Unfortunately, for the past decade the people of Albemarle County have been fractured across 4 House Districts. This divides neighborhoods, separates families and friends, sows confusion among residents, breeds apathy, dilutes our ability to participate in the political process, and muzzles the voices of the people in state-level government. You can keep Albemarle County in 2 Districts in the way I have described above by doing something the Redistricting Commission was not able to do: compromise. Specifically, a compromise between proposed maps A7 and B6 offers a path forward for a fair treatment of Albemarle County. One negative aspect of Map A7 is that it slices Albemarle into 3 Districts. This would lead to the same negative results that we experience under the current map. That is simply not acceptable. In contrast, Map B6 keeps Albemarle in 2 compact Districts, thereby maintaining our community of interest. This is much better for the people here. However, Map B6 draws Albemarle County in with a piece of Augusta County. GOP Commissioners specifically objected to this proposal because there are mountains between Augusta and Albemarle. To address that concern directly, we can look to Map A7, which combines Nelson County with Albemarle County. This solution has the benefit that Nelson County has roughly the same population as the portion of Augusta County included with Albemarle under Map B6. Thus, it should be a relatively easy fix in terms of map drawing. In sum, dividing Albemarle County into any more than 2 Districts would be a betrayal of the people here. Please draw a fair map for our area by keeping us into the 2 Districts I have described.

Congressional Map: With regard to the Congressional Map, our area is currently in the heavily gerrymandered, non-compact 5th District. The Congressional maps proposed by the GOP members of the Redistricting Commission were unfortunately egregious partisan

gerrymanders. Please proceed in good faith in ensuring that we have an opportunity to choose our Representative in a compact, fairly-drawn District that maintains communities of interest and rejects bad faith partisan efforts to gerrymander us for another decade.

Thank you'

Atieno Bird

Albemarle County, Virginia

Atieno Bird



www.AtienoBird.com

From: [Lauren Boggs Meslar](#)
To: [Redistricting](#)
Subject: Albemarle Resident Redistricting Message
Date: Wednesday, November 17, 2021 3:56:55 PM

EXTERNAL EMAIL

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Muriel-Theresa Pitney
Clerk of the Virginia Supreme Court
100 North Ninth Street, 5th Floor
Richmond, VA 23219

To Whom It May Concern,

My name is Lauren Boggs Meslar. I am a ninth generation resident of Albemarle County, Virginia and I was grassroots leader of the Fifth Congressional District for Virginia for Pete (Buttigieg) in 2019-2020. Pursuant to Rule 4 under the Rules and Procedures for Implementing the Requirements of Article II, Section 6-A of the Constitution of Virginia, I am submitting my comments to you regarding redistricting.

House of Delegates Map: Please keep Albemarle County as unified as possible to maintain our community of interest and allow us to live in fair, compact House of Delegates Districts. Specifically, please include us in only 2 House Districts. One District should be Charlottesville and some portion of Albemarle. The second District should be the rest of Albemarle and our neighbor to the south, Nelson County, with whom we share a community of interest. This would be a fair treatment of our county.

Unfortunately, for the past decade the people of Albemarle County have been fractured across 4 House Districts. This divides neighborhoods, separates families and friends, sows confusion among residents, breeds apathy, dilutes our ability to participate in the political process, and muzzles the voices of the people in state-level government. I have neighbors two miles away that are in a different district than myself, but can drive an hour and a half south to Rustville, Virginia and still be in the 59th District. You can keep Albemarle County in 2 Districts in the way I have described above by doing something the Redistricting Commission was not able to do: compromise. Specifically, a compromise between proposed maps A7 and B6 offers a path forward for a fair treatment of Albemarle County. One negative aspect of Map A7 is that it slices Albemarle into 3 Districts. This would lead to the same negative results that we experience under the current map. That is simply not acceptable. In contrast, Map B6 keeps Albemarle in 2 compact Districts, thereby maintaining our community of interest. This is much better for the people here. However, Map B6 draws Albemarle County in with a piece of Augusta County. GOP Commissioners specifically objected to this proposal because there are

mountains between Augusta and Albemarle. To address that concern directly, we can look to Map A7, which combines Nelson County with Albemarle County. This solution has the benefit that Nelson County has roughly the same population as the portion of Augusta County included with Albemarle under Map B6. Thus, it should be a relatively easy fix in terms of map drawing. Nelson also shares community programs with Albemarle (Jefferson-Madison Regional Library system and Blue Ridge Health District, for example) which make this combination a natural one. In sum, dividing Albemarle County into any more than 2 Districts would be a betrayal of the people here. Please draw a fair map for our area by keeping us into the 2 Districts I have described.

Congressional Map: With regard to the Congressional Map, our area is currently in the heavily gerrymandered, non-compact 5th District. When I was in charge of CD5 for Virginia for Pete, my responsibilities covered from Northern Virginia to the North Carolina line; an area larger than 6 states. There was no commonality to the constituents, no shared city or feature. As a lifelong Virginia resident, there were areas I traveled to and reached out to that I'd never even heard of. The Congressional maps proposed by the GOP members of the Redistricting Commission this year were unfortunately egregious partisan gerrymanders which perpetuate the issues of our current district. Please proceed in good faith in ensuring that we have an opportunity to choose our Representative in a compact, fairly-drawn District that maintains communities of interest and rejects bad faith partisan efforts to gerrymander us for another decade.

Thank you.

Lauren Boggs Meslar
Albemarle County, Virginia

From: [Emily Little](#)
To: [Redistricting](#)
Subject: Redistricting
Date: Wednesday, November 17, 2021 4:14:19 PM

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Muriel-Theresa Pitney
Clerk of the Virginia Supreme Court
100 North Ninth Street, 5th Floor
Richmond, VA 23219

To Whom It May Concern,

My name is Emily Little. I am a resident of Charlottesville, Virginia. We are a city that is surrounded by Albemarle County. It is a doughnut and we are the doughnut hole. I am submitting my comments to you regarding redistricting.

House of Delegates Map: Please keep Albemarle County as unified as possible to maintain the community of interest and allow Albemarle to live in fair, compact House of Delegates Districts. Specifically, please include Albemarle in only 2 House Districts. One District should be Charlottesville and some portion of Albemarle. The second District should be the rest of Albemarle and our neighbor to the south, Nelson County, with whom Albemarle residents share a community of interest. This would be a fair treatment of Albemarle county and the city of Charlottesville.

Unfortunately, for the past decade the people of Albemarle County have been fractured across 4 House Districts. This divides neighborhoods, separates families and friends, sows confusion among residents, breeds apathy, dilutes the ability to participate in the political process, and muzzles the voices of the people in state-level government. You can keep Albemarle County in 2 Districts in the way described above by doing something the Redistricting Commission was not able to do: compromise. Specifically, a compromise between proposed maps A7 and B6 offers a path forward for a fair treatment of Albemarle County. One negative aspect of Map A7 is that it slices Albemarle into 3 Districts. This would lead to the same negative results that we experience under the current map. That is simply not acceptable. In contrast, Map B6 keeps Albemarle in 2 compact Districts, thereby maintaining our community of interest. This is much better for the people here. However, Map B6 draws Albemarle County in with a piece of Augusta County. GOP Commissioners specifically objected to this proposal because there are mountains between Augusta and Albemarle. To address that concern directly, we can look to Map A7, which combines Nelson County with Albemarle County. This solution has the benefit that Nelson County has roughly the same population as the portion of Augusta County included with Albemarle under Map B6.

Thus, it should be a relatively easy fix in terms of map drawing. In sum, dividing Albemarle County into any more than 2 Districts would be a betrayal of the people here. Please draw a fair map for the area by keeping Albemarle in 2 Districts I have described.

Congressional Map: With regard to the Congressional Map, our area is currently in the heavily gerrymandered, non-compact 5th District. The Congressional maps proposed by the GOP members of the Redistricting Commission were unfortunately egregious partisan gerrymanders. Please proceed in good faith in ensuring that we have an opportunity to choose our Representative in a compact, fairly-drawn District that maintains communities of interest and rejects bad faith partisan efforts to gerrymander us for another decade.

Thank you.

Emily Little

Charlottesville, VA 22902

--

Emily Little

emilyblittle@gmail.com

2076692480

"No more apologies for a bleeding heart when the opposite is no heart at all. Danger of losing our humanity must be met with more humanity." -
-Toni Morrison

From: [Donna McCauley](#)
To: [Redistricting](#)
Subject: Redistricting Virginia maps
Date: Wednesday, November 17, 2021 5:17:52 PM

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Muriel-Theresa Pitney
Clerk of the Virginia Supreme Court
100 North Ninth Street, 5th Floor
Richmond, VA 23219

To Whom It May Concern,

My name is Donna McCauley and I am a resident of Albemarle County, Virginia. I am submitting my comments to you regarding redistricting.

House of Delegates Map: Please keep Albemarle County as unified as possible to maintain our community of interest and allow us to live in fair, compact House of Delegates Districts. Specifically, please include the county in only 2 House Districts. One District should be Charlottesville and some portion of Albemarle. The second District should be the rest of Albemarle and our neighbor to the south, Nelson County, with whom we share a community of interest. This would be a fair treatment of our county. For the past decade the people of Albemarle County have been fractured across 4 House Districts. This sows confusion among residents and dilutes our ability to have an effect on the political process. You can keep Albemarle County in 2 Districts in the way I have described above by compromising. Specifically, a compromise between proposed maps A7 and B6 offers a path forward for a fair treatment of Albemarle County. Map A7 is slices Albemarle into 3 Districts. This would lead to the same negative results that we experience under the current map. Map B6 keeps Albemarle in 2 compact Districts, thereby maintaining our community of interest, however, Map B6 draws Albemarle County in with a piece of Augusta County. GOP Commissioners specifically objected to this proposal because there are mountains between Augusta and Albemarle. To address that concern directly, we can look to Map A7 which combines Nelson County with Albemarle County. Nelson County has roughly the same population as the portion of Augusta County included with Albemarle under Map B6.

Congressional Map: Regarding the Congressional Map, our area is currently in the heavily gerrymandered, non-compact 5th District. The Congressional maps proposed by the GOP members of the Redistricting Commission were unfortunately egregious partisan gerrymanders. Please proceed in good faith in ensuring that we have an opportunity to

choose our Representative in a compact, fairly-drawn District that maintains communities of interest and rejects bad faith partisan efforts to gerrymander us for another decade.

Thank you.

Donna McCauley

Albemarle County, Virginia

From: [Robert Keith Thomas](#)
To: [Redistricting](#)
Subject: Redistricting Fredericksburg
Date: Thursday, November 18, 2021 8:35:29 AM

EXTERNAL EMAIL

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To: Clerk of Supreme Court of Virginia
Re: Rules and Procedures for Implementing the Requirements of Article II, Section 6-A.

I urge the court to make it a priority to keep intact well defined areas such as Fredericksburg with zip code 22401 and not divide it to mix with other areas with which it has little interest.

Sincerely,
Robert Thomas
Fredericksburg VA

From: [Shelton Panak](#)
To: [Redistricting](#)
Subject: To the Clerk of the Supreme Court--Redistricting Concerns
Date: Thursday, November 18, 2021 1:04:34 PM

EXTERNAL EMAIL

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I voted for the amendment that was designed to reduce gerrymandering. I had hoped that the commission would have been able to create fair districts that would lead to the legislature reflecting the desires of all Virginians. That did not happen. This task now resides with the Supreme Court of Virginia. I hope my faith is well-placed.

Congressional districts should represent common interests, needs, and issues faced by the represented community and have relatively equal populations. Creating districts by dividing urban and suburban areas into multiple districts and combining them with large swaths of rural areas does not meet this goal. The better strategy is to combine rural areas to meet the population goal and maintain shared concerns. Rural areas definitely need adequate representation; however, their needs should not completely subsume those of the greater number of citizens in urban and suburban areas. This unfortunately happens with many of our current districts. I support keeping Chesterfield and Henrico counties together and creating a corridor that includes Charlottesville as illustrated in map B-5. This map is the best representation of the goals of redistricting.

Regards,
Shelton Panak

Sent from [Mail](#) for Windows

From: [Matt Hedstrom](#)
To: [Redistricting](#)
Subject: comment on redistricting of Albemarle county
Date: Thursday, November 18, 2021 1:38:44 PM

EXTERNAL EMAIL

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Muriel-Theresa Pitney
Clerk of the Virginia Supreme Court
100 North Ninth Street, 5th Floor
Richmond, VA 23219

To Whom It May Concern,

My name is Matthew Hedstrom. I am a resident of Albemarle County, Virginia. Pursuant to Rule 4 under the Rules and Procedures for Implementing the Requirements of Article II, Section 6-A of the Constitution of Virginia, I am submitting my comments to you regarding redistricting.

My main concern is this: please keep Albemarle County as unified as possible to maintain our community of interest and allow us to live in a fair, compact House of Delegates District. Specifically, please include us in only 2 House Districts. One District should be Charlottesville and some portion of Albemarle. The second District should be the rest of Albemarle and our neighbor to the south, Nelson County, with whom we share a community of interest. This would be a fair treatment of our county.

Unfortunately, for the past decade the people of Albemarle County have been fractured across 4 House Districts. This divides neighborhoods, separates families and friends, sows confusion among residents, breeds apathy, dilutes our ability to participate in the political process, and muzzles the voices of the people in state-level government. You can keep Albemarle County in 2 Districts in the way I have described above by doing something the Redistricting Commission was not able to do: compromise.

Specifically, a compromise between proposed maps A7 and B6 offers a path forward for a fair treatment of Albemarle County. One negative aspect of Map A7 is that it slices Albemarle into 3 Districts. This would lead to the same negative results that we experience under the current map. That is simply not acceptable. In contrast, Map B6 keeps Albemarle in 2 compact Districts, thereby maintaining our community of interest. This is much better for the people here. However, Map B6 draws Albemarle County in with a piece of Augusta County. GOP Commissioners specifically objected to this proposal because there are mountains between Augusta and Albemarle. To address that concern directly, we can look to Map A7, which combines Nelson County with Albemarle County. This solution has the benefit that Nelson County has roughly the same population as the portion of Augusta County included with Albemarle under Map B6. Thus, it should be a relatively easy fix in terms of map drawing. In sum, dividing Albemarle County into any more than 2 Districts would be a betrayal of the people here. Please draw a fair map for our area by keeping us into the 2 Districts I have described.

With regard to the Congressional Map, our area is currently in the heavily gerrymandered, non-compact 5th District. The Congressional maps proposed by the GOP members of the Redistricting Commission were unfortunately egregious partisan gerrymanders. Please proceed in good faith in ensuring that we have an opportunity to choose our Representative in a compact, fairly-drawn District that maintains communities of interest and rejects bad faith partisan efforts to gerrymander us for another decade.

Thank you.

Matthew Hedstrom
Albemarle County, Virginia

- TheVirginiaHistorian.com -

Virginia's 11-compact Congressional Districts

by Richard Galt Zimermann, Jr.

a Commission *citizen-made* "Map #164" on its website

argued for by the author:

- Reston homeowner 11 years
- Chesapeake City homeowner 14 years total
- Harrisonburg homeowner 7 years

--

A Redistricting Decision Tree

11-rules for every region of the Commonwealth

non-partisan, centered on Virginian's socio-economic commuting in 2020

submitted to the 2021

VIRGINIA REDISTRICTING COMMISSION

& draft guide for automated intelligence redistricting
Chart #1, Chart #2 for values and other considerations

--

Summary points from TESTIMONY

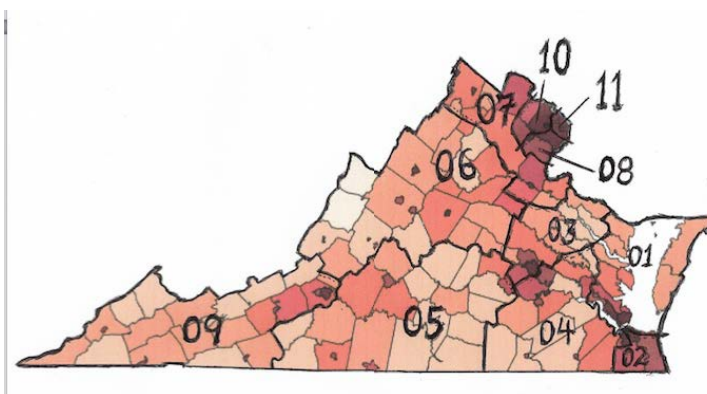
on the Foundational principles to Redistrict

by a retired Virginia secondary history teacher in

3 regional sessions

3 full commission sessions

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Virginia Redistricting Commission citizen-drawn Map #164
an approximation mapped onto a US Census locality density map

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Appendix A. How the COMMISSION CITIZEN-DRAWN MAP #164 account for Voting Rights Act, where: p. 15
 = > TOTAL of “enumerated population” MINUS a total “White-majority” population EQUALS a “Non-white minority” population < =

Appendix B. An OVERVIEW view of Commission citizen-drawn Map #164 p. 16
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Appendix D. Map #164 – an ATLAS of “communities of interest” for each Congressional District. - TBD
*Plan District 1-11; Metro- Micropolitan Statistical Area; National Geodetic Survey built-up area
 Core urban area START point; State Police, Va Health, Va Social Services, Va Water Conservation,
 Va Schools Superintendent Regions, Va Association of Counties, Va Area Codes*

Links for in a partial list of references used

p. 2 the [US Constitution](#) (National Archives)
 p. 2 the [Declaration of Independence](#) (National Archives)
 p. 2 the [Preamble to the US Constitution](#) (National Archives)
 p. 3 [The Virginia Constitution](#) (Loyola Law School)
 p.3 the [Equal Protection Clause](#) of the US 14th Amendment (Legal Information Institute)
 p.3 the [Voting Rights Act of 1965 as amended](#) (Britannica online)
 p. 4. Stephen R. Covey’s best-seller [The Seven Habits of Highly Effective People](#)
 p. 5 Justin Levitt wrote [A Citizen’s Guide to Redistricting](#) published by The Brennan Center for Justice at the New York University Law School.
 p. 6 [MSAs](#) drawn from US Census data reporting foreign-born in Virginia, mapped at the Weldon Cooper Center for Public Service at the University of Virginia.
 p. 6 [Maps4office](#). link to an “anamorphic map” of locality density.
 p. 6 DMV “[Friends of the Chesapeake Bay](#)” specialty license plates.
 p. 9 “[10 ways to map Northern Virginia](#)” found on UVA’s StatChat online, published by the Weldon Cooper Center for Public Service.
 p. 10 [The Changing Shape of American Cities](#), by Luke Juday from the **Weldon Cooper Center** for Public Service at UVA.
 p. 10 [Neighborhood Scout](#) online: “Custom analytics to invest, appraise, or finance real estate”
 p.12 Map, supporting document, comments at **MAP #164** “Congressional Districts” tab.
<https://www.virginiaredistricting.org/legdistricting/comments/plan/164/1>
 p. 12 Virginia’s 2020 two “minority incumbents” * **residence**
<https://www.nytimes.com/2016/01/08/us/virginia-court-again-redraws-voting-districts.html>
 p. 14 “Defining Rural Population” <https://www.hrsa.gov/rural-health/about-us/definition/index.html>

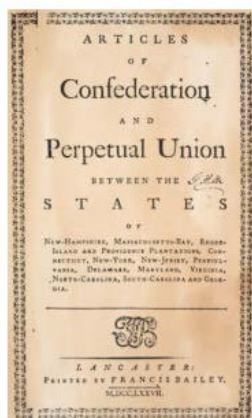
1. Foundational Preliminaries

The United States was founded and made “more perfect” as an experiment, a **democratic-republic** embracing the populations living within an area thousands miles square. It is a



nation-state of choice, based on a common belief for inalienable **rights** for each individual of us all in the [Declaration of Independence](#), and subscribed to in a political compact for political **freedom** with mutually beneficial equitable justice, peaceable public pursuits, common defense, and general welfare “for ourselves and our posterity”, in the [Preamble to the US Constitution](#).

It was at the time, and it remains, the largest in Western history’s “modern era”. The Articles of Confederation that served as a ‘working document’ of written constitution from 1776 was unanimously ratified by the original 13 states within six years. The US 1789 Constitution that replaced it was unanimously ratified within three, signed in Philadelphia and voted for in state legislatures by many of the same principle actors who had been a part of ratifying the Articles. The US Constitution was ratified in half the time, even without the pressure of on-going war to “get something done”, perhaps because Founders believed it to be two times better than the first one.



- The 1776 first stab at “**a perpetual Union**” was, in their 1789 Preamble, made a “**more perfect Union**” on the second go-round. Unlike the predecessor regime under the Articles of Confederation, the [US Constitution](#) provided for improvement, **amendment** in its future governance of citizen and resident.

Today, the “Supreme Law of the Land” in the United States and in each of its 50 states and 6 territories¹ is specified in **Article VI, 2nd paragraph**: (1) the 1789 US [Constitution as amended](#) to the present; (2) the [Congressional statutes enacted](#) by the US Congress and signed into law by the US president; and (3) [Treaties ratified](#) by two-thirds ‘super-majority’ in the US Senate.² The judges in every state are bound by the US constitution, “any thing in the Constitution or laws of any state to the contrary notwithstanding”. All state and federal elected officials and judges swear to support the US Constitution required in **Article VI, 3rd paragraph**.

2. Redistricting to mirror living residents in the nation, in the states

¹ The US territory of [Puerto Rico](#) has enjoyed a population of United States citizens larger than the smallest 20 states, the [District of Columbia](#) larger than that of the smallest [2] states; smaller territories include the [US Virgin Islands](#) in the Caribbean, and beyond the state of Hawaii, the Western Pacific Ocean include [Guam](#), [American Samoa](#), and [Northern Mariana Islands](#). The Philippines voted its independence from the US in [1947] following territorial law enacted by the US Congress.

² Two relevant notes: (1) “The Greatest Generation” ratified the 1957 [Treaty] [making the US an asylum nation for refugees](#) and their families fleeing from religious or political persecution. (2) In 1798 Virginia “interposed” state government, the Jeffersonian-Republican “Spirit of ‘98” campaign slogan, to [petition](#) Congress and [sue](#) the John Adams administration [against arbitrary deportation](#) to protect Virginian settlers who were French-speaking expatriates from Caribbean revolutions. They had taken up residence in port cities but mostly on the western Kentucky frontier. Virginia was protecting its own, as many had become state citizens to vote after a one-year residence, shorter than the 7-year requirement for US citizenship at the time.

Why is a democratic-republican legislature to mirror the people resident who are to be represented?

- British: *No rotten boroughs*. 12 game wardens in the King's forest do not elect one Member of Parliament while a manufacturing or port city of 30,000 has one. Historical legacy does NOT represent the self-governing people who are to choose their own rulers in their legislator elections.

- American: *One-man-one-vote*. In Virginia since the 1960s, a county with 100,000 population does NOT get 2-Delegates, and one with 10,000 also get 2-Delegates; counties with equal representation does NOT mirror the living people resident in their settlement habitats, once family farms, now city neighborhoods.

Article I of the Constitution establishes the House of Representatives. The first article is for "The First Branch" of government closest to "the people" as the foundation of a democratic-



republic, the largest number of people resident and voting in elections. In **Section 2, the 1st paragraph**, the voters in each state for the US House of Representatives "shall have the qualifications requisite" for voters electing the "most numerous branch of the state legislature". That was and is, the Virginia Assembly House of Delegates.³

Section 2, the 3rd paragraph provides for US representatives to be apportioned among the US states according to their respective numbers. The actual enumeration made every ten years. The Census Bureau of the presidential cabinet level US Department of Commerce makes a count of population in the year ending in zero (0).

The Virginia Constitution Article II, Section 6, "Apportionment", provides for reapportionment of its resident population into US Congressional districts in the year following the US Population Census ending in one (1).



"Every electoral district shall be composed of contiguous and compact territory [with] representation in proportion to the [nearly equal] population of the district[s] as provided by law."⁴ Previous voting discrimination from gerrymandering by race is prohibited, "Districts shall provide, where practicable, opportunities for racial and ethnic communities to elect candidates of their choice."⁵

³ In a 1789 Union of states that required the voters for state Senate to have more property and establishment church membership (Congregationalists in Massachusetts, Episcopalians in South Carolina) the US Constitution embraced the largest democratic electorate allowed in each state among their various constitutions and statutes, so as to legitimize the new US Congress. The national government was to be rooted in the sovereign people as broadly as could be at the time, in each place . . . and, meant to be improved upon over time.

⁴ In accordance with requirements of federal and state laws that address racial and ethnic fairness..." the Equal Protection Clause of the US 14th Amendment, and the Voting Rights Act of 1965 as amended and judicially interpreted.

⁵ Generally speaking, 'majority-minority' districts have over 50% minority population; 'minority opportunity' districts over 40% minority population; 'minority competitive' districts over 30% minority population. 'Minority participation' districts have the right to register, vote, and reasonable access to cast a ballot, in the author's view. Some Courts have taken cognizance of "eligible voting population" of self-identified 'blacks' or 'multi-race' census populations when they are a super-majority of the 'minority' resident population in district with a history of



3. Sequencing the Redistricting Process

First things first. Stephen R. Covey's best-seller [The Seven Habits of Highly Effective People](#) tells a variation on "the professor and the jar story". Given proportioned piles of 2"-diameter rocks, ½" gravel, and a pile of sand, if someone puts all the little things in first, all the elements do not fit below the lip of the jar. But if the demonstration begins with the rocks, the pebbles can be shaken down through the loose rocks, and the sand can be poured into the jar last to fill in the air pockets between rocks and gravel. All three elements then fit below the lip of the jar, to audience surprise and applause.



The political borders of the Commonwealth of Virginia are like a jar that holds its population in three aspects, each one meant to ensure their citizenship with personal liberty and political freedom. Virginia is the given area of habitat settlement for the people who are to be represented in each case. One sequence for reapportioning people into every kind of legislator district can follow a three-step process, each step related to the next step as explained below. (1) Redistrict Virginia's legislator districts for the 11 state Congressional delegation, (2) redistrict the 100 districts for its House of Delegates, and (c) redraw the 40 for Virginia state Senate around the new compact Delegate districts.

(1) The biggest arena for representation for residents in their aspect of citizenship in the nation is for the **US House of Representatives** as required by the Supreme Law of the Land; state officers all swear to support the US Constitution first, and then the Virginia Constitution.



For 2021, the first task using the decennial US census report for Virginia, is to redraw the eleven Congressional districts away from the previous gerrymandering that was overturned in state and federal courts for "black packing" voters into one Congressional District.⁶ Most Virginians, 70% of our residential settlement is census "urban". That "proportionality" found in neighborhood habitat statewide should be reflected in nearly the same proportion in each legislature chamber. In Congressional delegations, 8 of the 11 can be fairly expected to contain urban resident majorities at a summary review of any proposed redistricting plan.

(2) The second arena for representation is historically connected by self-same voting requirements for the House of Representatives in the **Virginia House of Delegates**, for representatives who are likewise elected every two years. This aspect of resident citizenship in the state is closest to the people voting the year following each Congressional election. The second task in redistricting Virginia is to reflect the Constitutional qualification for Congressional voters, but go further to make voters in each Delegate district the same voters for

racially polarized voting. In Virginia, Northern Virginia and Richmond City have the lowest incidence of racially polarized voting (Self-identified Whites voting only for white candidates of their party, but not a black candidate of the same party on the same ballot.)

⁶ Note the Virginia state and federal court cases.

each member of Congress. That can be done in 2021 by nesting 8-9 compact Delegate districts within each of the 11 Congressional districts, minimizing the number of Delegates straddling two Congressionals. The habitat proportionality for Delegate districts can be fairly expected to be nearly 70 of 100 districts with urban-suburban resident majorities.

(3) The third arena for reapportionment every decade, is that of the **Virginia state Senate**, whose officers are elected every four years. They are more remote from the Founders' "sensibilities of the people" than either Virginia Delegates or US Representatives.

The third task is to combine two-and-a-half of the 100 compact Delegate districts into each of 40 state Senate districts, dividing every third Delegate district along locality lines of PreK-5 school attendance zones with compatible cultural communities. The habitat proportionality for state Senate districts can be fairly expected to be nearly 28 of 40 districts with urban resident majorities.



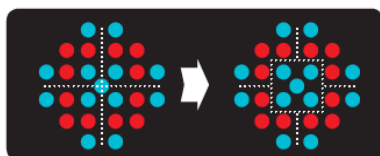
4. Partisan Gerrymandering

In a democratic-republic, the legitimate purpose for representing the "sovereign people" in the legislature is to mirror them in districts of their diverse voluntary settlement. That is the 'why' for single-member districts. In Virginia 90% live above the poverty line. Home-renters relocate every 4-6 years on average, and homeowners relocate every 6-8 years, often for work or to school their children.⁷

Cracking for partisan gerrymandering is redistricting by an artificial division of communities, the same genuine settlement that a legislature legitimately wants to mirror. Virginians (70%) live in **urban** areas for work, relationships, and lifestyle.



Packing for partisan gerrymandering is drawing many like-voters in different habitats into one district, regardless of their neighborhoods. It makes surrounding districts into other-party-majorities to "water-down" their fair statewide influence.



Tacking for partisan gerrymandering is adding adjacent populations of like-minded voters along some vector regardless of connecting thoroughfares or like settlement habitat, in order to achieve an partisan majority in the artificial district.⁸

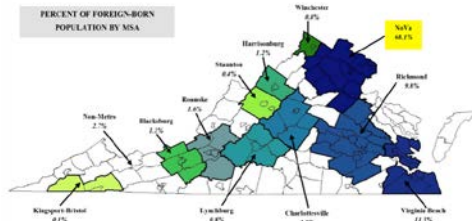


5. Authoritative "communities of interest"

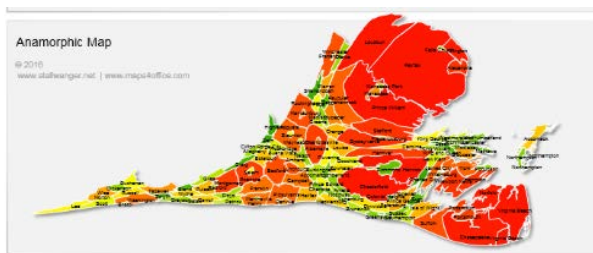
⁷ Folks do not move into precincts to vote, they move into neighborhoods with their families. Redistricting adjusts legislatures to new numbers of their citizens in new settlements. Localities should redraw precincts to conform to new districts in nearly equal voting populations with equal access to cast ballots, machines, and poll workers.

⁸ The Brennan Center for Justice at the New York University Law School publishes [A Citizen's Guide to Redistricting](#) by Justin Levitt. It provides a study and recommended guidelines for redistricting commission redistricting.

The US Census authoritatively defines **communities of interest** in MSAs. In the 'Age of the Automobile' these are tied by socio-economic commuting Virginians reported in 2020. Census reports reflect changes in work, shopping, schools, and voluntary associations. They are adjacent localities around one or more urban cores, with Micropolitan Standard Areas over 10,000 urban cores (Danville, Martinsville), and Metropolitan Standard Areas over 50,000 urban core population, such as NoVa-Winchester, Hampton Roads on both sides of the James River and Richmond, Roanoke, Lynchburg and Charlottesville.



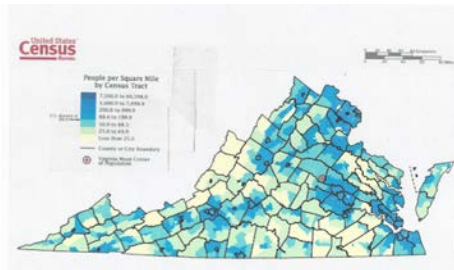
In Virginia, the urban population cores in MSAs can be graphically mapped by (1) a Mercator map of locality densities, (2) a map of census tract densities, or (3) an “anamorphic map” of locality density published by [Maps4office](http://Maps4office.com). The Northern Virginia region in red and orange has population to support four Congressional districts (CDs).



- The next cluster of densely populated red and orange areas are in Central-west Virginia, the 3-adjacent MSAs for Charlottesville-Harrisonburg-Augusta. In Southwest Virginia, the historically

drawn “Fighting Ninth” CD has a cluster of red in the Roanoke-Blacksburg-Bristol MSAs at Roanoke and Montgomery Counties in the Valley of Virginia, west of I-81.

Adjacent and to the east are the “Southside” Virginia areas densely populated in the Lynchburg–Danville-Martinsville MSAs. In central-east Virginia, the **Richmond-north-SMA** above the James River with Henrico and Hanover Counties supports a CD. In South-central-east Virginia a compact majority-minority district lies from suburban Chesterfield County and Petersburg, south of the James River eastward to Suffolk and Portsmouth Cities. South-Hampton Roads MSA with Virginia Beach-Norfolk-Chesapeake cities support a CD. Lastly, a CD can be centered on north-Hampton Roads MSA localities of the “Chesapeake Bay”: Newport



News, Hampton, the Eastern Shore and Bay-shore counties of the Middle Peninsula and the Northern Neck.



A “Chesapeake Bay” district reflects Virginia’s 400-year historical community of interest among the residents along the shores of the Bay region. The DMV “Friends of the Chesapeake Bay” specialty license plates have sold 500,000 with recently 20,000 a year. They are everywhere along the Eastern Shore, Cape Charles (Bay-shore Virginia Beach and Norfolk), and throughout the localities with **Bay shore** on

the Lower Peninsula, Middle Peninsula, and the Northern Neck.

6. Redistricting rules by law, by Commission resolution and hearings discussion

There have been five Commission imperatives in apportionment by population into US Congressional Districts.

The districts . . .

- (1) have **equal population**: totals to range by 5% by courts = target goal average + / - 2.5%.
- (2) are **compact**: test LENGTH-WIDTH v. 'sausage', POLSBY-POPPER v. 'juts', REOCK v. 'tendrils-fingers'.
- (3) are **contiguous**: adjacent like-habitats, within the same MSA, then 'spoke' localities remote from dense 'hub'.

(4) account for **communities of interest**: socio-economic settlement tied by commutes in MSAs: cities, towns, census-designated-places under 50 square miles; historical residential areas; PreK-5 school attendance zones for early childhood education.

(5) in summary view statewide account for **Voting Rights Act** requirements: racial minorities communities in coalition can elect their preference.

The Commission applied four additional redistricting conditions to be applied by statewide summary review of the total plan.

The districts . . .

(6) DO NOT take voting results into consideration for populations within each district.

BUT summary view must justify any non-competitive districts by compactness and adjacent like-habitat among urban, suburban, exurban, and rural settlements. Example: Southwest Virginia is compact, adjacent, without an alternative configuration; it has been solid Republican Congressional.

(7) DO NOT take racial goals into consideration for populations within each district.

BUT on summary view the plan must not reduce number of minority opportunity districts with greater than 40% total population.

(8) DO NOT take incumbency into consideration.

BUT recall that in Congressional districts, incumbents need not reside in the district elected. See Governor P. HENRY's attempt to deny J. MADISON a seat in the First Congress.

(9) **DO start from scratch**, without reference to previously drawn districts. DO meet the 8 previous criteria.

Two additional considerations can be kept in mind by mappers, as discussed during sessions by commissioners, both “citizens” and “electeds”. Relevant comments were added from partisan legal council, mappers, and professional Virginia state senate legislative staff.

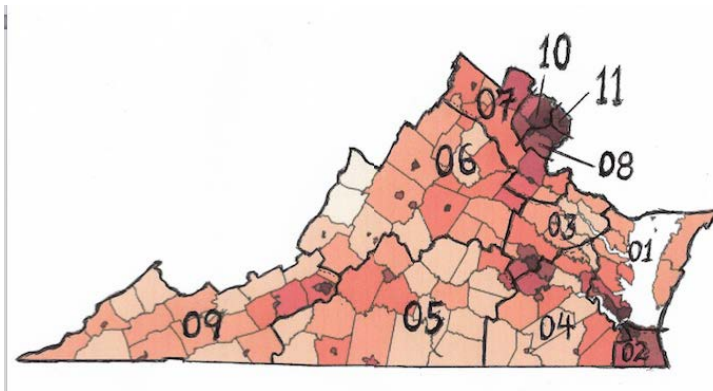
(10) Respect city, county, and town boundaries, so that most Virginians reside in localities are undivided, nesting within each kind of district that the residents are drawn into.

BUT some localities can be divided to balance district populations: those counties less than 20,000 population at the “spoke” end of a district, remote from its district urban-suburban “hub”, those counties greater than a 50 square-miles area. Any division made must conform to respected locality school attendance zones the division along.

(11) Proportionality is not to be considered as a political goal, because redistricting apportionment is to be made of Virginian residents, not political parties for the coming decade.

BUT proportionality of residential habitat (urban-suburban-exurban-rural) is important to mirror the changes in Virginian resident population settlement in the 10 years since the last decennial US census. Virginian settlement is 70% in urban habitat, so to mirror the people in their places (and NOT to mirror the places of people for representation), most legislature districts should be drawn with mostly urban residents, 70% with urban resident majorities, so statewide, proportionately by the settlement of the people.

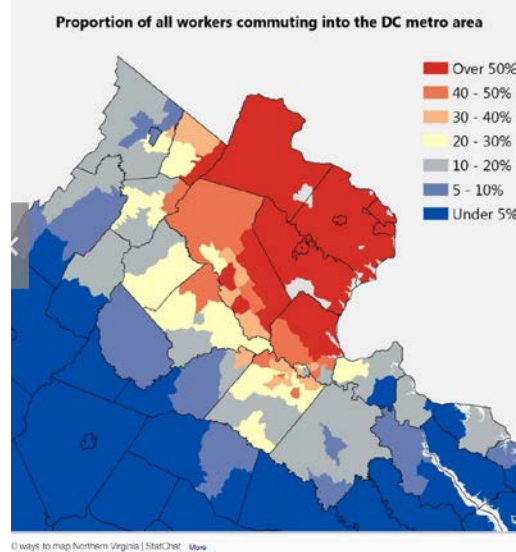
The map below is drawn on a US Census map of locality densities. It is an approximation of the Virginia Redistricting Commission citizen-drawn **Map #164** for 11-compact Congressional districts. It meets all publically available criteria to draw fair districts in 2021. Two districts require explanation for their length-to-width shapes, Plan-09 and Plan-07.



Plan -09 is constrained geographically by southwest state boundaries. Along the floor of the Valley of Virginia, turning northward, there are related high-density adjacent localities making up adjacent Roanoke and Blacksburg MSAs along I-81 North.

Easterly Floyd County is adjacent to a like settlement habitat connected via the flat Highway-8 to “Southside” Patrick County and Plan-05.

Were Plan-09 to push out into Virginia’s “Southside”, the less urban region would have taken the district east in a way to lose its compactness, and place Roanoke into a northerly district. That would violate the commuting landscape, as most of Roanoke’s out-commuters originate in settlements south of it, and it would lead to either separating adjacent Roanoke-Blacksburg MSAs, or a locality division of Roanoke City or County as proposed in other 2021 Maps.



The map to the left is reproduced from “[10 ways to map Northern Virginia](#)” found on UVA’s StatChat online, published by the Weldon Cooper Center for Public Service.

Plan-07 lies in primarily suburban and exurban habitat tied to Northern Virginia by Virginia’s 2020 **commuters** into the DC Metro area as the map title shows. Its core densely populated areas are Fredericksburg connected north on US-17-US-15 to Warrenton, connected north on US-15 to Leesburg, connected west to Winchester on VA-7.

Commuter rail is available within fifteen minutes of Winchester, north along I-81, and **commuter rail** operates every 15-minutes at peak hours from downtown Fredericksburg into downtown Alexandria. Alexandria, Arlington, and Washington DC are connected by the Metrorail Blue Line. Three additional lines serve Fairfax County, north by the Silver Line, central by the Orange Line, and south by the Yellow and Blue Lines.

7. Guidelines for drawing a Congressional District map with notes for Delegate Districts and Virginia Senate Districts

District mapping starting points designated below are a combination of three elements:

(a) US Census Bureau urban and rural population counts administered by Republican political appointees, so they meet expressed reservations about federal government agencies and their reports. The majority of Virginian residents live in urban areas; people in urban settlements should be proportionately reflected in legislatures meant to represent Virginians. The turn-of-the-21st century “Center City” is described in, [The Changing Shape of American Cities](#), by Luke Juday from the **Weldon Cooper Center** for Public Service at UVA.

(b) Commercial maps are used for “center city” designations by banks to invest, realtors to appraise, and commercial developers to finance real estate. Firms such as [Neighborhood Scout](#) online replicate (but do not copy) previous scholarly publications of “population-density heat-map” graphics. Each has been classified US Census “urban”, or as “urban-suburban” by scholarly publications. These considerations answer questions about the trustworthiness of university professors in Virginia and their scholarship.

(c) PreK-5 school attendance zones mapped by our respected localities with the authority from the General Assembly to apportion our children in families from compatible cultures into schools that best promote their early childhood education. These considerations answer those who dismissed any authority beyond majorities voting in localities.

The general locations of each dense settlement of Virginians can be identified by independent inspection on (a) the locality resident Census-block map, (b) the locality-precinct map, drawn not for people, but for machines with parking lot access, (c) on commercially available redistricting map software.

In summary view, a majority of Virginians should live within their locality within the same district or in an adjacent same-habitat district. The goal is the most people in undivided localities, NOT the most undivided localities apportioning districts with urban minorities – racial makeup in each urban population should not be a determining factor, but like habitat in the same MSA, or like habitat nearby adjacent should be.

- **Begin with Virginia's MSAs, Metropolitan/Micropolitan Statistical Areas.** The US Census has authoritatively (non-partisanly) designated adjacent areas that redistricting intends to represent in each legislature. These have one or more core areas of **'urban population, plus adjacent territory'** with substantial **'social and economic integration'** as measured by the **'commuting tie'**. Micropolitan areas exceed 10,000, Metropolitan exceed 50,000 people.

- **Designate "center-of-density nodes" within each MSA** comparable to "city core" or "center city" places. Three census blocks or precincts within a densely populated area -- based on US Census population data -- can provide a starting point from which to begin drawing districts of concentricity.

- **Draw districts compactly radiating from a "center-of-density node"**, acquire precincts of like density first. Adopt four categories that parallel "urban", "suburban", "exurban", and "rural" habitats of Virginian resident settlement to easily distinguish "like density". The individual's chosen habitat and lifestyle is a priority "community of interest" for each district drawn.

- **Rotating through the nodes of population to be distributed into districts**, add three to five census blocks or precinct "parcels" onto a growing draft-district along main thoroughfares, US highways, State Routes. Fill in gaps to maintain a compact regular shape, an equilateral or oval-like figure. Measures of compactness include Polsby-Popper and Reock. The Length-Width measure can avoid "sausage" districts.

- **Refer to locality maps of PreK-5 schools attendance zones** to keep them intact. These are areas of compatible cultural settlement that local authorities find conducive for early childhood education. Families with children are a priority "community of interest".

- **Do not divide localities of less than 50 square miles**, whether they are cities, counties, towns, or census designated places (CDPs). These settlements often are made up of home-renters moving every 4-6 years, or home-owners moving every 6-8 year. The first relocate there for their children's public education.

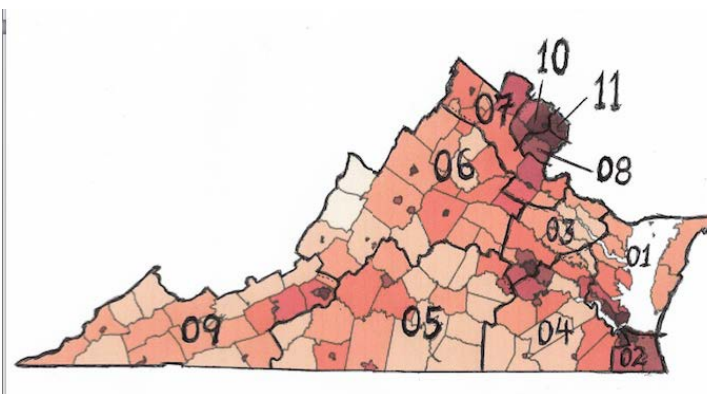
Notes for drawing compact

DELEGATE DISTRICTS & STATE SENATE DISTRICTS

- **Nest 8-9 Delegate districts and divide 1-2** within each Congressional district following the same procedure. Starting with the previous starting points, such that on summary review, 100 compact Delegate districts are nested within 11 compact Congressionals.

- **Aggregate 2.5 Delegate districts** to each state Senate district, such that at summary review, 40 compact delegate districts compactly span 100 Delegate districts almost entirely nested within 11 compact Congressional districts.

Virginia Redistricting
citizen-drawn Map
an approximation
mapped onto a US Census
map



Commission
#164

locality density

8. Draft guide for redistricting by an automated intelligence decision tree

Based on the first three tutorials I found on YouTube for artificial intelligence AI decision trees, whose notes seem to have disappeared from my iMac.⁹ Use the US Department of Commerce, Census Bureau 2020 Census of Population data provided for the decennial reapportionment of population during redistricting in each state.¹⁰

- START each “draft district” in an MSA “urban core” with a three-census-block urban “hub”.¹¹

In each MSA region, choose the most densely population core reported by the Census is the beginning for map drawing.¹²

- Virginia Beach in South Hampton Roads, Newport News in North HR, Arlington “Inside the Beltway”, Reston n. of US-50 in Fairfax Co., Springfield s. of US-50, Fredericksburg-Warrenton-Winchester in NoVa Metro Exurbia, Charlottesville in central-western Virginia, Lynchburg in Southside Virginia, and Roanoke in southwest Virginia.

In each MSA, EXTEND “spokes” along major thoroughfares to more remote areas.¹³

During map drawing at each step of extension, immediately at the next step, FILL IN any gaps formed to maintain compact, regular shapes as geography and population settlement allow.¹⁴

⁹ Sourcing provided as it becomes available, I use my own terms for now until I learn the NGS map key.

¹⁰ The guiding intent for representing people in a democratic-republic is to (a) mirror their settlements in places (b) weighted by resident numbers in single-member districts. The legislature assembled is to reflect the composition of all the people in their places, NOT arbitrary places with people, not one sort of people in different places.

- See litigation surrounding the court decisions “one-man-one-vote” doctrine that overturned previous Virginia General Assembly redistricting.

- County incorporation in 1600s Virginia held nearly equal numbers of heads of household. That ENDED at 1676 Bacon’s Rebellion of newly emancipated indentured servants and slaves freed at the Biblical 7-years. The new regime added property requirements to vote and hereditary racial slavery. After the War of 1812, voting expanded with militia members. But locality representation added non-voting slaves as property to boost eastern rural county “apportionment” in addition to counting free white populations. In early 1800s Virginia, this underrepresented urban, commercial, and industrial centers in the General Assembly.

¹¹ The centrality of urban populations as settlement and habitat of the residents to be represented in Virginia’s legislature districts cannot be overemphasized for fair redistricting, because 70% of Virginians live in Census-reported “urban” areas. Rural voices are to receive the weight proportionate to their numbers of population, not as equal places to be disproportionately represented in the legislature.

¹² Most of the United States and most of Virginia live within MSAs. They are linked by the economic and social commuting reported for residents in each locality by Census Tract and Census Block. At the center of each MSA area are one or more “urban cores”. Metropolitan Statistical Areas populations exceed 10,000 population, and Metropolitan Statistical Areas exceed 50,000.

¹³ Major thoroughfares include Virginia state routes (VA-7), US highways (US-60), and Interstate highways (I-64).

¹⁴ Federal and state court-approved tests include (a) **Length-Width** against elongated ‘sausage’ shapes urban-sliced gerrymanders, (b) **Polsby-Popper** against jagged juts, and (c) **Reock** against tendrils-fingers.

For simplicity and ‘objectively unambiguous’ (non-partisan) classification, use the National Geodetic Survey mapping of habitat¹⁵:

- 1-“built-up-denser” (dark-grey) –approximating Census “urban settlement”;
- 2- “built-up-lesser” (light-grey) – roughly approximating “suburban settlement”;
- 3-“military installation” (pink) – count for those in barracks, officer & enlisted housing;
- 4-“not-built-up” (white) – census of population defined “rural,
- 5-“forested” (green).

CHOOSE the next adjacent census block, based on the highest numerical score.

At numerical score ties, draw districts from east to west, north to south except in three cases. At the two westernmost MSAs for Winchester and Bristol, draw them from west to east. For the Southside within the triangle of Portsmouth-Petersburg-Emporia, draw them south to north for compactness.

CHART #1. District mapping numerical weights attached to each Census Block		
- feature -	- value -	- notes -
MSA Urban Core	2	The START of each Census SMA where 70%+ Virginians reside for their representation.
Adjacent urban block	1	<u>Like settlement of residents</u> , habitat and neighborhoods chosen for work or their child’s schooling in PreK-5 attendance zones.
Same MSA either urban or rural	1	<u>Convey the “community of interest”</u> extant in the Age of the Automobile, those “tied by commuting”.
Adjacent MSA	1	<u>Connect</u> Winchester to NoVa; Charlottesville to Harrisonburg & Staunton at I-64 & I-81, and Roanoke to Blacksburg-Montgomery Co. at I-81.
Adjacent rural block	0	<u>Rural areas depopulated</u> over time with less population than centuries ago, or by forest parks, man-made lakes, or military facilities
Adjacent block with I-XX, US-XY, VA-XZ	1	<u>Major thoroughfares</u> , commuting ties of MSA economic & social ‘community of interest’
Same locality < 50 square mile area	1	<u>The Lynchburg Rule</u> from Commission hearings. Maintain intact smallest cities and incorporated towns with few divisions, and city- and town-majority districts.
Adjacent block with 2-adjacent in district	2	For <u>compact districts</u> , fill in gaps from previous block-adds.
Chesapeake Bay shore	1	<u>Maintain 400-year “community of interest”</u> seen in “Friends of the Chesapeake” DMV popularity. Same MSA, Area Code 757, same region for State Police, School Superintendents, Virginia Social Services.

¹⁵ These roughly approximate the US Census of Population categories “urban-rural” listed alongside below. Both are an alternative to other Federal agency, academic and commercial classifications including variations of categories defined as urban-suburban-exurban-rural.

APPENDIX A.

COMPLIANCE WITH THE VOTING RIGHTS ACT – for citizen-drawn Congressional District MAP #164
 Re: **MAP #164** @ “Congressional Districts” tab. <https://www.virginiareistricting.org/legdistricting/comments/plan/164/1>
 This chart illustrates how the districts of Plan #164 taken together statewide, account for **Voting Rights Act** requirements in summary view.¹⁶

11-compact Congressional districts Plan#146 Voting Rights Act – Summary Chart where TOTAL of the “enumerated population” MINUS its total “White-majority” population EQUALS its “Non-white minority” population. https://www.nytimes.com/2016/01/08/us/virginia-court-again-redraws-voting-districts.html							
District & Descriptor	District population & %-off-target (Comm’n)	% white rounded up (Com’n)	% non-white rounded down	Voting Rights Act approximate label	Congress District * Minority-inc’mb’nt	% black & multi-race	Voting Rights Act approximate label
VA-08 Nova MSA south of US-50	777,610 -0.79% target	43.3% 336,648	56.7%	Majority minority (3)	-08	30.9%	Black-Multi competitive - 1-of-3 -
VA-10 Nova MSA north of US-50	789,442 +0.64% target	49.1% 387,569	50.9%		-10	15.4%	---
VA-04 Fall Line – EAST south-James R.	784,168 -0.41% target	49.1% 384,991	50.1%		* -04 40% BVAP	42.2%	Black-Multi opportunity - 1-of-1 -
VA-02 SE Hampton Roads MSA	775,609 -1.14% target	52.4% 406,696	47.6%	Minority opportunity (4)	-02	32.6%	Black-Multi competitive - 2-of-3 -
VA-11 “Inside the Beltway”	786,620 +0.31% target	52.7% 414,780	47.3%		-11	20.3%	---
VA-01 Chesap’ke Bay n-Hampton Rds	781,909 +0.08% target	54.2% 428,799	45.8%		* -01 45% BVAP in 2016-03	33.3%	Black-Multi competitive - 3-of-3 -
VA-03 RVA - MSA	781,835 -0.02% target	59.9% 468,038	40.1%		-03	27.4%	---
VA-07 Nova MSA -	787,760 +0.49% target	67.7% 533,233	32.3%	Minority competitive (2)	-07	17.3%	---
VA-05 Fall Line west LYN-DAN-MAR	779,123 -0.98% target	70.5% 549,074	29.5%		-05	23.2%	---
VA-06 CVL-HBG-STN	799,415 +1.81% target	79.3% 633,672	20.7%	Minority participate (2)	-06	11.4%	---
VA-09	785,304 -0.4% target	84.5% 663,916	15.5%		-09	8.4%	---

¹⁶ From the total population for each district, this chart subtracts the “White” for each district to make a CHART column for racial “Minority” to sidestep any conflation in the races using “Hispanic” or “Latino”.

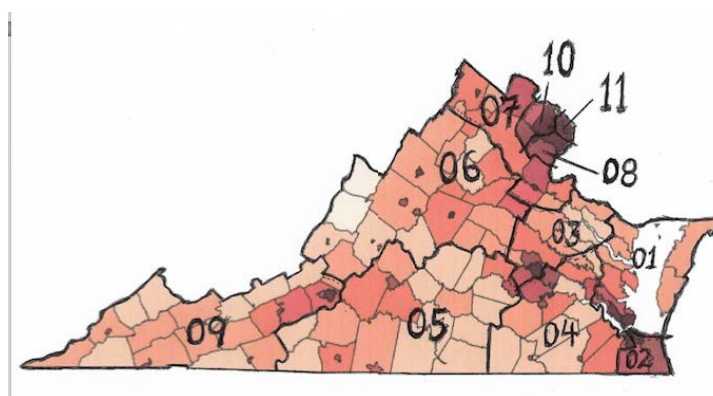
ROA-BBG							
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APPENDIX B.OVERVIEW view of Commission citizen-drawn Map #164

Re: **MAP #164** @ “Congressional Districts” tab. <https://www.virginiareddistricting.org/legdistricting/comments/plan/164/1>

All eleven compact Congressional districts in Plan #164 meet the NINE (9) Commission criteria, for each one and altogether, for 2021 redistricting plans. Below please find **Appendix A**, a compliance chart for Plan #164 Voting Rights Act Plan, and **Appendix B**, a summary of Plan #164 Commission website public comments and author replies.

Virginia Redistricting Commission citizen-drawn Map #164
an approximation mapped onto a US Census locality density map

**DISCUSSION**

(1) The districts have **equal population**, Plan #164 ranges from target +1.4% to -1.8% of +/- 2.5% allowed.

- Every district has a margin of 5-6,000 population to “smooth” boundaries to maintain the cultural ‘communities of interest’ in the respected localities PreK-5 school attendance zones for early childhood education, a principle reason for Virginian family relocation, whether home-renters every 4-6 years, or home-owners every 6-8.

(2) The districts are **compact**.

- The Plan-06 “Virginia central-west” district is commended by a resident as compact, and an improvement over the 2021 sausage north-south gerrymander to the Carolina Line.

- Two public comments are “friendly amendments” to reapportion west-Prince William from a 3-way district split, see “*Comment summaries and replies*” below for a 2-way result realigning Plan-10 & 07.

(3) The districts are **contiguous**.

- The Plan-01 “Chesapeake Bay district” is commended in 3 of 6 public comments on #164. Residents in the Lower & Middle Peninsulas, and on the Eastern shore, share the same North-Hampton-Roads MSA and 757-Area Code. Plan-01 recognizes the historic “community of interest” persisting for over 400-years along the

shores of the Chesapeake Bay. The DMV “Friends of the Chesapeake Bay” plate-sets have been sold to over 500,000 Virginians since its 1996 first issue.

(4) The Plan districts account for **communities of interest**. While statewide “partisan proportionality” has been ruled indefensible in court, the “one-man-one-vote” doctrine place represents people in settlements rather than locality places. Most Virginians live in urban habitat.

(a) Urban habitat is “densely settled”, with “residential, commercial and other non-residential” land use; it “does not follow city or county boundaries”. The US HRSA refines that to “large area census tracts” of 400+ square miles and less than 35 people per square mile. * @ “Defining Rural Population” <https://www.hrsa.gov/rural-health/about-us/definition/index.html>

(b) The US Census defines **MSAs** as adjacent localities of urban area. Metropolitan Statistical Area MSAs have “at least one urban area of 50,000 or more”, and Microropolitan Statistical Area MSAs have “at least one urban area of 10,000 or more”.

(5) The Plan in summary view account for **Voting Rights Act** requirements. (a) There are no target racial proportions applied to any district. (b) The number of existing districts with minority (non-white) populations may not be arbitrarily reduced. Plans must apply consistent rules for compact districts of equal population.

(6) The districts drawn DO NOT take voting results into consideration for populations within each district. However, on summary inspection, they cannot allow undue weight to one party without mitigating circumstances as required by law: compact, contiguous community settlement by the residents alone must be represented. Plan #164 districts are drawn independently of previous voting results.

(7) The districts drawn DO NOT take racial goals into consideration for populations within each district.

- However, on summary inspection, to conform to recent Voting Rights Act provisions and their US Supreme Court interpretations, they cannot allow loss of minority-opportunity districts over 40%, -- a standard set by Court-order redistricting for VA-03 at 41%, and VA-04 at 46%.
- In Plan-03 and Plan-04, black-multi-racial groups have competitive or opportunity districts.

- It has THREE (3) majority-minority >50% constituents – including one Black-Multi-race opportunity >40% and one Black-multi-race competitive >30%;

- It has FOUR (4) minority opportunity >40% constituents – including two Black-Multi-race competitive>30% districts;

- It has TWO (2) minority competitive >30% constituents.

- The Commission publicly defined the population to use for drawing 2021 districts in the linked software for redistricting on its website.

- The political standard used in public software is the “total resident population” in precincts and census blocks.

- The commission did NOT adopt the judicial “voting age population” standard in its publicly applied software used elsewhere in some aspects of legal proceedings (or any sidebar discussions that lawyers may have used for billable hours).

(8) The districts drawn DO NOT take incumbency into consideration.

- However, on summary inspection, avoid arbitrarily throwing two incumbents into the same newly drawn district without a rationale according to compactness, community of interest, or equal population apportionment.

(9) The redistricted boundaries **start from scratch**, without reference to previously drawn districts.

- However on summary inspection, districts should not arbitrarily draw a district outside of incumbent's current district constituency.

- Plan-01 situates incumbent **BOBBY SCOTT** of Newport News in the district population center of a Minority-opportunity district of 45.8%, and that is black-multiracial competitive at 33.3%.

- Plan-03 situates incumbent **A. DONALD MCEACHIN** of Richmond in the district population center of a Minority-opportunity district of 40.1%, and that is black-multiracial participation at 27.4%. McEachin has demonstrated a partisan coalition with Democrats who voted 54% for Biden in 2020.

- Plan-06 situates incumbent **ABIGAIL SPANBERGER** of Henrico County in the Plan-03 district.

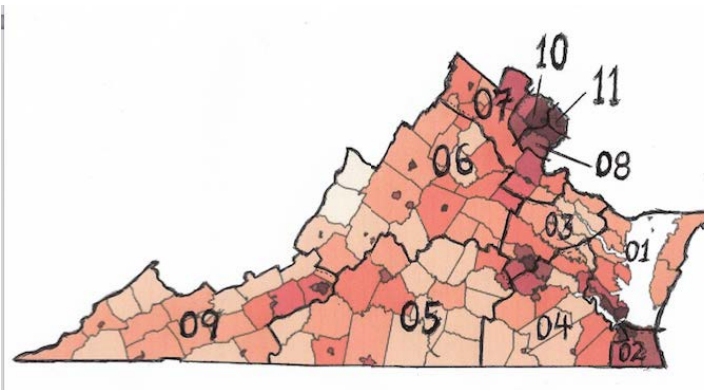
- The Plan-06 district population center is Charlottesville-Albemarle MSA, the largest concentration of Democratic votes for Abigail Spanberger's Congressional election.

- As a

with
of

north

-



fluent speaker of Spanish, she can win substantial populations Spanish-speaking homes. Settlement boomed in the two Harrisonburg wards of US-33.

Many VMI graduates become Marine officers

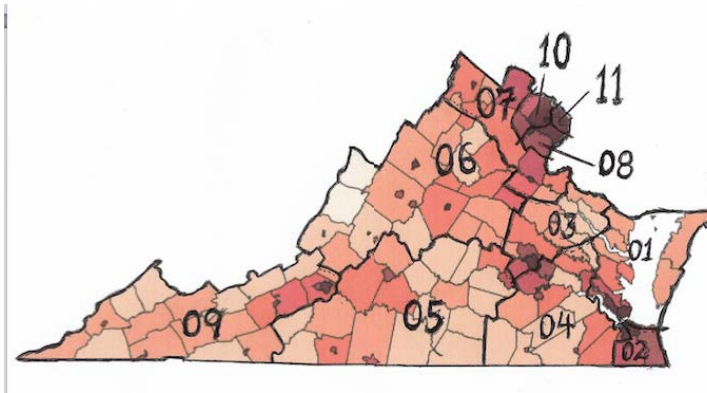
each year; all six 4-star Marine Generals left the Trump administration. The NC-Goldsboro AF base district elected a Democrat in 2020, and a majority of voters in the two Norfolk Naval Station voted for Joe Biden. Marine Gen. John Allen endorsed Hillary Clinton at the 2016 Democratic Convention.

Richard Galt Zimmermann, Jr., richardzimmermann@verizon.net

an approximation mapped onto a US Census locality density map

APPENDIX C.

Public comments & author replies <https://www.virginiareddistricting.org/legdistricting/comments/plan/164/1>
COMMISSION CITIZEN-DRAWN Plan #164



Virginia Redistricting Commission citizen-drawn Map #164
 an approximation mapped onto a US Census locality density map

Comments of general agreement:

- **Justin Ranson**, commends Plan-01 embracing the Chesapeake Bay: Eastern Shore-Middle Peninsula-Northern Neck, reservations about lines nearby HAYMARKET (see Plan-07 reply below).
- **Susan Katsarelis**, of Burke, generally approves, but a reservation at PRINCE WILLIAM COUNTY on 3-way split in Plan-07 first draft. (AGREED to – see reply below.)
- **Jerry Saleeby**, prefers compactness over “north-south run of the districts in the western/valley part of the state”. It silenced the voice of the Charlottesville area.
- **Nathan Alderman**, locality dot at ALBEMARLE/Augusta County, commends the “more coherent community-of-interest...a definite improvement over the current map”, though he sees connections to the Richmond area, accepting of compactness with western counties as “better than current” within a district drawn south to “drown out our voices”. [the north-south 2011 “sausage-district”, presumably].

Comments of general disagreement:

- **Peggy Layne**, Objects, FLOYD County is on the western side of “the mountain”, so it belongs in the -09th with Montgomery, Pulaski and Carroll Counties. (Reference Rte-8 east in Plan-05 reply below.)
- **Joshua Mayes**, Critiques, a “nightmarish” plan for “eastern Virginia”. Eastern Shore must pay a \$17 toll to cross onto Cape Henry, Virginia. There is only free passage to Maryland in this Plan. To be included in a Virginia Congressional district, Tidewater localities in the district must cross “major bridges” over water in this Plan. “Watermen, rural farmers” should be in their own Congressional District, they have no “community of interest” with any Virginian “inner city” adjacent to them. (See rebuttal for each asserted point in Plan-01 reply below.)
 - The author is disagreed with the 3-premises put forward by Mr. Mayes.
 - (1) All districts drawn must use the \$17 toll bridge to Cape Henry, Virginia.
 - (2) Every plan requires Virginians to cross a ‘major bridge’. (a) The two major bridges for north-south Richmond crossing the James River are required to keep that locality intact, and (b) the Rappahannock River crossing from Richmond City to the Northern Neck either by US-301 or by US-360 to connect north-Richmond MSA there.
 - (3) Virginians in localities within an MSA containing an “inner city” habitat do have “community of interest” with those same MSA localities containing ‘water’ or ‘rural’ habitat.
 - **Note:** In our 2021 Virginia and now for over 60-years, there is no compact-contiguous expanse in Virginia comprised of watermen and farmers to make up a District of 780,000 excluding inner-city urban habitat. Current proposals submitted

to the commission that picture “great crescent roll” districts that wrap-around urban centers are not “compact” as required by law, statute and judicial rulings of our time.

Plan-07.

- Per Comment: CULPEPPER should be entirely in -06 or -07, undivided.
- Reply: For district compactness, one narrow precinct fingerling of eastern-most Culpeper is apportioned to Plan-07, the fourth compact district within the NoVa MSA. Over 98% of Culpeper’s population remains in the same Plan-06 district.
- Per Comment: PRINCE WILLIAM should not be in three Congressional Districts, though Plan-08 “makes sense” to draw “eastern Prince William” in the same district as “lower Fairfax” County.
- Reply: AGREED. Prince William in Plan-07 can be apportioned to Plan-08, and that lost population to -07 can be made up with population taken from Plan-08 Loudoun County along the Potomac River, maintaining compactness in both districts.
- Per Comment: reservations about lines nearby HAYMARKET.
- Reply: AGREED to an adjustment from first draft. NoVa MSA town of HAYMARKET in northern Prince William County, can be apportioned with Plan-10 with the rest of northern Prince William with 30-30% commuters into DC Metro, including BATTLEFIELD HIGH SCHOOL attendance zone-entire. That will allow the southern settlements with over 50% commuters into DC Metro area in the City of MANASSAS-entire, and southern Prince William to be apportioned into Plan-08.

Plan-05.

- Per Comment: “FLOYD COUNTY. across mountains from Franklin & Patrick Co., belongs in 9th.”
- Reply: Southwest Virginia’s population loss requires Plan-09 to extent north of previous limits to embrace Roanoke County to meet population requirements. Immediately adjacent is a suburban settlement in Botetourt in the tens of thousands. Floyd County with a smaller population is more remote more remote from the Plan-09 population centers of greater settlement density. By the Commission-adopted map for cultural regions, Floyd County’s population is akin to adjacent Franklin County in Plan-05, just to its north as the commenter did note.
- Per Comment: POWHATAN COUNTY, though some rural, is more aligned with Chesterfield and Henrico than Plan-05.
- Reply: For Congressional districts to be drawn both (a) compactly and (b) in equal populations, the smallest localities most remote away from dense district population hubs may be apportioned into districts other than an adjacent locality similar in some way. Despite its recent growth over 0.5% greater than the state average, Powhatan is still in the bottom 20% for total locality populations.

Plan-06.

- Per Comment: COMPACTNESS is commended, though connections east, accepts the substance of a “community of interest” west to the adjacent Valley MSAs of Harrisonburg and Staunton.
- Reply: Thank you. District boundary location still should not be a barrier to incumbent Abigail Spanberger’s reelection with Charlottesville-Albemarle the same majority-urban center in both 2011 VA-06 and Plan-06.
- Per Comment: COMPACTNESS is commended, preferable to north-south sausage that silenced the electoral voice of the Charlottesville area.
- Reply: Thank you. Abigail Spanberger is fluent in Spanish and German so she can capably give voice to the constituents in the Spanish- and German-speaking homes in Plan-06.

Plan-01.

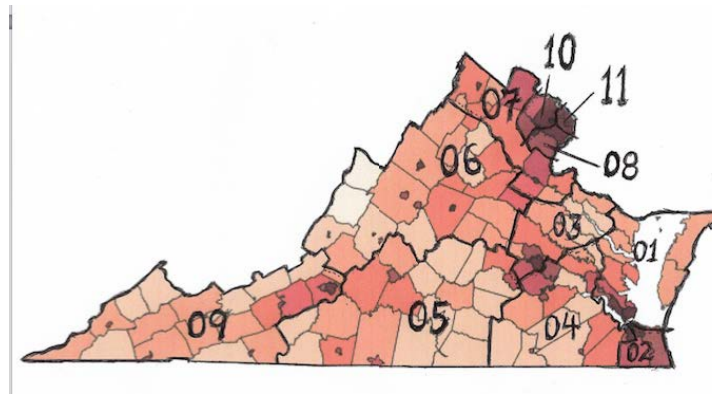
- Per Comment: A “nightmarish” plan for “EASTERN VIRGINIA”.
- Reply: ‘Chesapeake Bay’ is not ‘eastern Virginia’, it is a compact district of (a) the Eastern Shore, (b) the Cape Henry shore, (c) the Lower Peninsula & (d) eastern contiguous Bay-shore counties. The localities all lie within the same Hampton Roads MSA and 757 Area Code but for the three northernmost counties on the Bay with MSAll populations less than at their 1600s incorporation.
- The Bay district is a ‘community of interest’ with its own specialty DMV license plate – “Friends of the Chesapeake Bay” - - - ubiquitous throughout the region in all shore localities, recently selling about 20,000 a year, and totaling over 500,000 since 1996.

Richard Galt Zimermann, Jr., richardzimermann@verizon.net

- The Eastern Shore is connected to the Tidewater region with the Chesapeake Bay Bridge for every district that may be drawn. The district is continuously transited by (a) US-13 on the Eastern Shore, (b) US-60 on Cape Henry, (c) US-17 across the Lower Peninsula and Middle Peninsula, and (d) VA-3 across the Middle Peninsula and the Northern Neck.

- Per Comment: COMMENDING Plan-01 embracing the Chesapeake Bay: Eastern Shore-Middle Peninsula-Northern Neck, but reservations about lines nearby HAYMARKET.

- Reply: Thank you, see adjustment in Plan-07 above regarding the PRINCE WILLIAM district division separating Haymarket township looking north to Loudoun together in Plan-10, and Manassas City looking east and north to Fairfax County together in Plan-08.



Virginia Redistricting Commission citizen-drawn Map #164
an approximation mapped onto a US Census locality density map

Links and References

- p. 2 the [US Constitution](#) (National Archives)
- p. 2 the [Declaration of Independence](#) (National Archives)
- p. 2 the [Preamble to the US Constitution](#) (National Archives)
- p. 3 [The Virginia Constitution](#) (Loyola Law School)
- p.3 the [Equal Protection Clause](#) of the US 14th Amendment (Legal Information Institute)
- p.3 the [Voting Rights Act of 1965 as amended](#) (Britannica online)
- p. 4. Stephen R. Covey's best-seller [The Seven Habits of Highly Effective People](#)
- p. 5 Justin Levitt wrote [A Citizen's Guide to Redistricting](#) published by The Brennan Center for Justice at the New York University Law School.
- p. 6 [MSAs](#) drawn from US Census data reporting foreign-born in Virginia, mapped at the Weldon Cooper Center for Public Service at the University of Virginia.
- p. 6 [Maps4office](#). link to an "anamorphic map" of locality density.
- p. 6 DMV "[Friends of the Chesapeake Bay](#)" specialty license plates.
- p. 9 "[10 ways to map Northern Virginia](#)" found on UVA's StatChat online, published by the Weldon Cooper Center for Public Service.
- p. 10 [The Changing Shape of American Cities](#), by Luke Juday from the **Weldon Cooper Center** for Public Service at UVA.
- p. 10 [Neighborhood Scout](#) online: "Custom analytics to invest, appraise, or finance real estate"
- p.12 Map, supporting document, comments at **MAP #164** "Congressional Districts" tab.
<https://www.virginiaredistriking.org/legdistricting/comments/plan/164/1>
- p. 12.Virginia's 2020 two "minority incumbents" * **residence**
<https://www.nytimes.com/2016/01/08/us/virginia-court-again-redraws-voting-districts.html>
- p. 14 "Defining Rural Population" <https://www.hrsa.gov/rural-health/about-us/definition/index.html>

From: [Jack and Terry Hickey](#)
To: [Redistricting](#)
Subject: Redistricting maps for Albemarle & Nelson Counties
Date: Thursday, November 18, 2021 2:30:49 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Muriel-Theresa Pitney
Clerk of the Virginia Supreme Court
100 North Ninth Street, 5th Floor
Richmond, VA 23219

To Whom It May Concern,

My name is John C. Hickey. I am a resident of Albemarle County, Virginia. Pursuant to Rule 4 under the Rules and Procedures for Implementing the Requirements of Article II, Section 6-A of the Constitution of Virginia, I am submitting my comments to you regarding redistricting.

My thoughts reflect the reasoning of my son, Tim Hickey, who ran for delegate in the 59th district of Virginia in 2019.

House of Delegates Map: Please keep Albemarle County as unified as possible to maintain our community of interest and allow us to live in fair, compact House of Delegates Districts. Specifically, please include us in only 2 House Districts. One District should be Charlottesville and some portion of Albemarle. The second District should be the rest of Albemarle and our neighbor to the south, Nelson County, with whom we share a community of interest. This would be a fair treatment of our county. The citizens of Albemarle and Nelson share in the Blue Ridge Health District. We also share in the Jefferson Madison Regional Library. Unfortunately, for the past decade the people of Albemarle County have been fractured across 4 House Districts. This divides neighborhoods, separates families and friends, sows confusion among residents, breeds apathy, dilutes our ability to participate in the political process, and muzzles the voices of the people in state-level government. You can keep Albemarle County in 2 Districts in the way I have described above by doing something the Redistricting Commission was not able to do: compromise. Specifically, a compromise between proposed maps A7 and B6 offers a path forward for a fair treatment of Albemarle County. One negative aspect of Map A7 is that it slices Albemarle into 3 Districts. This would lead to the same negative results that we experience under the current map. That is simply not acceptable. In contrast, Map B6 keeps Albemarle in 2 compact Districts, thereby maintaining our community of interest. This is much better for the people here. However, Map B6 draws Albemarle County in with a piece of Augusta County. GOP Commissioners

specifically objected to this proposal because there are mountains between Augusta and Albemarle. To address that concern directly, we can look to Map A7, which combines Nelson County with Albemarle County. This solution has the benefit that Nelson County has roughly the same population as the portion of Augusta County included with Albemarle under Map B6. Thus, it should be a relatively easy fix in terms of map drawing. In sum, dividing Albemarle County into any more than 2 Districts would be a betrayal of the people here. Please draw a fair map for our area by keeping us into the 2 Districts I have described.

Congressional Map: With regard to the Congressional Map, our area is currently in the heavily gerrymandered, non-compact 5th District. The Congressional maps proposed by the GOP members of the Redistricting Commission were unfortunately egregious partisan gerrymanders. Please proceed in good faith in ensuring that we have an opportunity to choose our Representative in a compact, fairly-drawn District that maintains communities of interest and rejects bad faith partisan efforts to gerrymander us for another decade.

Thank you.

John C. Hickey

Albemarle County, Virginia

From: opalstroup@comcast.net
To: [Redistricting](#)
Subject: Fair Redistricting in Va.
Date: Thursday, November 18, 2021 3:02:07 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

To: Clerk of the Supreme Court of Virginia

I am writing to express my concern that the redistricting in Virginia comply with the 'Rules and Procedures for Implementing the Requirements of Article II, Section 6-A' by the creation of compact, contiguous districts which maintain communities of interest and do not create safe seats for one party.

When Virginia Voters approved Amendment 1, they voted for a Bipartisan Redistricting Commission that would end unfair Gerrymandering so that Va. voters could choose their representatives rather than the reverse.. Voters did not expect the Commission to dilute their votes by spitting communities of interests into multiple, widely scattered pieces..

The map submitted by the Commission negates the voters desire to end Gerrymandering by, for example, dividing Charlottesville/Albemarle into more than 2 House Districts and by not keeping Henrico and Chesterfield community of interest in one Congressional District.

To accomplish fair non-gerrymandered, non-partisan districts , I suggest that the court be advised by professional demographers rather than partisan political operatives.

Thank you,

Opal Stroup

13402 Perimeter Dr.

Spotsylvania, Va. 22407

7th Congressional District



Virus-free. www.avg.com

From: [Erik Linstrum](#)
To: [Redistricting](#)
Date: Friday, November 19, 2021 2:05:03 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

As a Charlottesville resident, I want to voice my strong support for a central Virginia congressional district stretching from Charlottesville and Albemarle to the West End of Richmond. This is a genuine community of interest. Many colleagues and friends who work in Charlottesville live in Richmond and commute along I-64 every day. Like many Charlottesville residents, I shop in Richmond, visit Richmond's museums and galleries, eat in Richmond's restaurants, and fly out of the Richmond airport on a regular basis.

For too long, Charlottesville has been stranded in districts designed to dilute its political influence by linking it with totally unrelated communities. Southside Virginia, stretching all the way to the North Carolina border, is far more rural and culturally conservative. So is the Shenandoah Valley on the other side of the Blue Ridge. Greater Charlottesville is a racially diverse mix of urban and suburban, with an economy built around government, higher education, and finance, much like Richmond and its western suburbs. I hope the new map will respect these connections.

Sincerely,
Erik Linstrum

1806 Rugby Place
Charlottesville, VA

Associate Professor of History
University of Virginia

From: [Darius Massoudi](#)
To: [Redistricting](#)
Subject: Thank You Re: Nonpartisan Redistricting Order! (Comment from VA Homeowner)
Date: Friday, November 19, 2021 2:46:35 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Clerk of the Supreme Court of Virginia:

I am so pleased and happy that the Supreme Court of Virginia has committed itself to a nonpartisan and apolitical redistricting process with its Nov 17th redistricting order. At a time when so many non-Virginians preemptively (and incorrectly) attacked our commonwealth's supreme court as unable to fulfill its obligations without supporting the Republican Party, this Court has proven them wrong. I sincerely and deeply thank this Court for committing itself to the rule of law rather than serving as an agent of any political party.

Best regards,

Darius Massoudi (1851 Stratford Park PL APT 105; Reston, VA 20190)

Darius Massoudi
J.D., 2015
University of California, Berkeley, School of Law

From: [Fran Larkins](#)
To: [Redistricting](#)
Subject: Virginia Redistricting and "Communities of Interest"
Date: Friday, November 19, 2021 3:02:13 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

TO: Justices of the Supreme Court of Virginia and Special Masters

RE: "Rules and Procedures for Implementing the Requirements of Article II, Section 6-a"

We are Co-Coordiators of the League of Women Voters of Virginia Redistricting Committee. With other League members, we have spent many long, fruitful hours at the polls and community events speaking with voters about solutions to gerrymandering. In November 2020, over 65% of Virginians agreed with our concerns and passed a Constitutional amendment that we hoped would bring fair maps to Virginia. This was a huge step forward for our democracy, and the transparency and opportunity for public input were welcome changes to the process. Unfortunately, the bipartisan structure of the Virginia Redistricting Commission created too much division to overcome. We hope this will not extend to the work which the special masters must do together and that, as Justices, you will ensure the maps are fair.

Representatives of the League took advantage of the transparency provisions and attended all the Commission meetings and hearings either in person or virtually. We invite you to read the [LWV-VA blogs](#) which cover Virginia's redistricting process in detail beginning with the selection of commission members in January 2021 to the most recent information provided through the SCoVA website. We captured citizen comments which are not available from any other source unless one has the time to listen directly to the video transcripts of the meetings and hearings.

Many of the comments from citizens focused on their "communities of interest" (COI). COIs are defined in [Virginia statute](#) as a "neighborhood or any geographically defined group of people living in an area who share similar social, cultural, and economic interests." Preservation of COIs was "extremely important to the Commission" per their ["Redistricting Guidelines and Criteria"](#).

The Commission also voted for wording in the "Redistricting Guidelines and Criteria" document that reads "The integrity and priority of existing political subdivisions should be preserved to the extent possible by avoiding unnecessary divisions of those subdivisions." 3.c.i.b. Citizens asked that their towns and cities be kept together as "communities of interest," e.g., Fredericksburg and Lynchburg. They asked that their cities and counties not be divided unnecessarily into multiple districts. This focus on COIs led to more compact maps that kept cities, towns, and even some counties together.

Many of the maps prepared by the Commission map drawers and those submitted by the public were also much more compact because, in response to a public outcry, they voted, 12-4 in a rare bipartisan vote, to start maps "from scratch" rather than using previously gerrymandered districts. This also served to keep "communities of interest" together.

Please take advantage of the extensive public input previously provided to the Commission in the form of maps and comments. We appreciate that a page on the Virginia courts website has already

been set up for public comment and we encourage this to be supplemented by public hearings both before and after the maps are drawn. We hope both the special masters and Justices will attend and listen to such hearings, which can be organized as Zoom meetings to allow Virginians across the Commonwealth to participate. It is also essential that language services allow non-English speakers to participate and provide public comment.

Thank you so very much,

Chris DeRosa (Arlington) and Fran Larkins (Stafford)
Co-Coordiators, LWV-VA Redistricting Committee
Chris.lwv.222@gmail.com
Franlarkins40@gmail.com

From: robert.peterson.2010@gmail.com
To: [Redistricting](#)
Cc: robert.peterson.2010@gmail.com
Subject: Redistricting of the State of Virginia Senate and House Districts, Article II, Section 6-A
Date: Saturday, November 20, 2021 2:57:57 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

November 18, 2021

TO: Clerk of the Supreme Court of Virginia

SUBJECT: Redistricting of the State of Virginia Senate and House Districts, Article II, Section 6-A

REFERENCE: Rules and Procedures for Implementing the Requirements of Article II, Section 6-A

BACKGROUND: Virginia is divided into 11 Congressional districts, 40 state Senate districts and 100 State House districts. Each of these sets of districts is numbered sequentially beginning with the number 1 (one). The result is that there are three districts for each number from 1 through 11 (Congressional, state Senate and state House), and two districts for each number 12 through 40 (state Senate and state House).

ISSUE: The current numbering of districts causes significant confusion among the voters, including me, especially when trying to determine which state Senate or House district I'm in, and especially when referred to in discussions, new and political discussions. When referred to by number only it is hard to determine if it is a congressional, Senate or House district being referred to when only one of these lower numbers is used to reference a district.

RECOMMENDATION: Leave the Congressional districts as currently numbered. Renumber the Virginia state Senate districts to 100 through 139, and renumber the Virginia state House districts to 200 through 299.

Thank you for your attention to this matter,
Robert W Peterson
1841 Glanzer Court
Harrisonburg, Virginia 22801

November 1, 2021

Muriel-Theresa Pitney
Clerk, Supreme Court of Virginia
100 North 9th Street, Fifth Floor
Richmond, Virginia 23219

Dear Ms. Pitney:

The following comments are respectfully submitted according to Rule 4(a) of the Court's rules of February 23, 2021, related to redistricting. These comments make recommendations regarding a process that could be following in defining maps for the House of Delegates, Virginia Senate, and congressional districts, with particular emphasis on the criteria of communities of interest and compactness. These comments are submitted without partisan motivation. In addition to accepting written comments, I hope public hearings would be held according to Rule 4(b).

Use existing locality boundaries to define legislative districts and complete the process with House of Delegates districts before considering state Senate or congressional districts. Doing so would help meet the "communities of interest" and "compactness" tests. It should be noted the principles underlying these tests include the practical effect of making the day-to-day operation of government more efficient, especially in the administration of voting and elections. The number of different combinations of candidates on ballots is reduced, unnecessarily small "orphan" precincts are reduced, and local governments, school boards, and civic organizations would be better aligned with the state legislators who represent them.

In the case of localities in which the population approximates 1/100 of Virginia's population (86,313, or the "target population"), the House districts should be drawn to the locality lines as much as possible, so the locality has a single House member.

In the case of localities that are smaller than the target population, House district lines should circumscribe whole adjacent localities to bring the total population as close as possible to the target population and with a portion of an adjacent locality added only to the extent necessary to meet the population target. In doing so, the principle of "communities of interest" should be extended to include regions of interest. As a hypothetical example, in defining a House district in Shenandoah Valley, such district should include Valley localities rather than drawing House district lines eastward across the Blue Ridge to include the Piedmont Region.

In the case of localities that are larger than the target population, the number of House districts in such localities should be maximized to minimize the number of House districts that cross the locality's boundary, which would help ensure compactness. For example, Fairfax County, which surrounds the entirety of Fairfax City, has a combined population with Fairfax City of 1,174,455. Thirteen (plus a fraction) House districts would "fit" into Fairfax County and City. This should be goal of drawing lines, with one House district including the entirety of Fairfax City plus adjacent areas of Fairfax County, with a fourteenth district straddling the Fairfax County boundary with an adjacent jurisdiction.

Muriel-Theresa Pitney
November 1, 2021
page two

Consistent with "communities of interest" principle, House districts should be drawn to encompass entire towns within a particular county, and common interest communities as defined in the Code of Virginia. Some common interest communities are quite large, such as Reston, South Riding, Ashburn, Brambleton among many others in Northern Virginia and elsewhere.

In addition, consideration should be given to defining "communities of interest" in large localities according to public high school attendance areas. High school education and extra-curricular activities, and that of their "feeder" elementary and middle schools, define as a practical matter much of what is considered "community." Encompassing these types of communities in single House districts would also contribute to the efficient operation of government as noted above.

In taking these considerations into account, one test of compactness that could be applied is the measure of the ratio of the physical area of a district to the length of its boundary. The larger this ratio, the more compact the district and vice versa. Once an initial map of House districts is defined, the additional tests to comply with racial, language, and other federal and state laws should be applied, and adjustments made accordingly.

In considering state Senate districts, I suggest the process borrow from Wisconsin. Wisconsin has 99 House districts and 33 Senate districts. Each Senate district is defined to encompass exactly three House districts. In Virginia, with 40 Senate districts and 100 House districts, application of the Wisconsin rule would define Virginia's Senate seats as encompassing the entirety of two House districts plus half of another. This would also further the efficient operation of government for the reasons stated above, and contribute to more effective governing, as 80 of the 100 House members would be paired with a single Senator in terms of constituency, with 20 House members paired with two Senators.

In taking this approach, defining Senate districts could be done more easily than "starting from scratch," since Senate districts would substantially meet the criteria of compactness, encompass communities of interest, and meet the other legal requirements because they would be based on the House districts defined to meet these requirements. In larger jurisdictions with populations at or greater than a target Senate district (215,785) one or more entire Senate districts should be defined within the boundaries of the locality while minimizing the crossing of locality lines.

For these same reasons, a similar approach could be taken to defining congressional districts.

Virginia's 11 congressional districts could be drawn so each encompasses the entirety of nine House districts and three Senate districts plus fractions of a tenth House and fourth Senate district, while applying the "regions of interest" principle.

Thank you for the opportunity to submit comments.

Sincerely,

A handwritten signature in blue ink, appearing to read "James M. LeMunyon", with a stylized flourish at the end.

James M. LeMunyon
3296 Willow Glen Drive
Oak Hill, Virginia 20171

From: [Justin Shreve](#)
To: [Redistricting](#)
Subject: A Message to the Special Masters: Just be Fair
Date: Saturday, November 20, 2021 4:21:24 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

I would like to write to the Special Masters who have been appointed to draw the new voting districts in Virginia.

I have watched gerrymandering and partisan drawing of the voting maps for my entire residency in the Commonwealth of Virginia. I am imploring you to execute on the intention of the voters of Virginia when we twice voted for the establishment of a bi-partisan redistricting committee. I feel that Virginians want fairness to be the overarching concern when our political districts are apportioned. I do not believe that Virginia voters want a guarantee that whichever party we support will win. What's the point of that? There is no room for any meaningful discourse if the outcome of an election is largely predetermined. There is no room or incentive for compromise if there is no NEED to compromise.

I respect the credentials, experience and judgement of both Special Masters. I know that you will both do what is right, ethical and representative of the vote ratifying the Constitutional Amendment establishing the bi-partisan commission. Please prove me right.

Thank you for your service in this most important duty.
Justin Shreve

--

Justin Shreve

From: [Ankit Jain](#)
To: [Redistricting](#)
Subject: Do not start from current gerrymandered districts, ensure proportionality
Date: Saturday, November 20, 2021 4:35:43 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Hello,

My name is Ankit Jain and I grew up in Fairfax County. I've been following the redistricting process closely and I have two requests for Special Masters Grofman and Trende. First, I ask that you do not start your map-drawing from the current gerrymandered districts. Starting from a gerrymandered base will inevitably result in a worse final product, no matter how many changes you make. It is better to have a clean break from Virginia's history of gerrymandering. This request of starting from scratch was the main message sent to the redistricting commission by the public. I hope you will heed the public's desire here just as the commission did. I encourage you to look at the maps the Commission released, as well as those submitted by the public, to help you find a different base to start from.

My second request is that you consciously consider the partisan makeup of the maps you are drawing and ensure that the final product results in a seat share for each party about proportional to the party's vote share. You are in fact legally obligated to do this under Virginia law prohibiting the drawing of districts to favor or disfavor any political party. To meet this requirement, you must consciously consider partisanship when drawing maps rather than drawing maps without looking at partisanship at all. An essential element of drawing fair maps is to ensure the maps have partisan proportionality. Ensuring proportionality is just as important as protecting communities of interest, and I hope you take it seriously.

Best,
Ankit Jain

From: richard.yoder@gmail.com
To: [Redistricting](#)
Subject: Rules and Procedures for Implementing the Requirements of Article II, Section 6-A
Date: Thursday, November 18, 2021 5:20:22 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

November 18, 2021

Clerk of the Virginia Supreme Court
Virginia Supreme Court

Subj: Rules and Procedures for Implementing the Requirements of Article II, Section 6-A

Dear Clerk:

For many years, I have found it difficult to make sense of the range of voting districts in Virginia. Specifically:

- Virginia is divided into 11 congressional districts, 40 state Senate Districts, and 100 state House districts. Each set of districts is identified numerically starting with the number one. This results in multiple districts identified by the same number. There are three districts for each number 1-11. There are two districts for each number 12-40.
- When referred to by number only, it is hard to know if it is a congressional, Senate or House district being referenced. If you have ever had trouble following a political discussion for this reason, you are not alone!
- Duplication has also resulted in some Rockingham County residents residing in two different districts numbered 26: House District 26 and Senate District 26.

Here is one proposed solution I am requesting that you consider:

- Leave the congressional districts as they are (1-11) and renumber the state districts as follows:
- Senate Districts would be numbered 100-139; and House Districts would be numbered 200-299.
- Not only would this give each district a distinct number, but it would also immediately identify them as congressional, Senate, or House. It would give each category room for expansion.

Thank you for your consideration,

Richard Yoder, PhD, MPIA, MPH
Longacre Endowed Professor of Business and Economics Emeritus
Eastern Mennonite University
3358 Ft. Lynne Rd
Rockingham, VA 22802
540-810-3839

Virginia Supreme Court
100 North 9th St.
Richmond, VA 23219

November 20, 2021

Dear Members of the Virginia Supreme Court:

As you deliberate on redrawing the voting districts of the Commonwealth of Virginia, please consider adding one basic consideration that will be of great value to the citizens of the Commonwealth. The way that legislative districts are identified at present has created undue confusion among those of us who would like to be able to identify which congressional, Senate, or House districts in which we live. This is particularly confusing when districts may overlap. I would ask that you identify a simpler system that relies on the use of just one number to precede all of one category (e.g., Senate vs. House vs. congressional district). This should obviate the need to use the same number for different categories of districts.

A simple solution would make the system more accessible to all voters and Commonwealth residents. Thank you for your consideration.

Sincerely,

A handwritten signature in cursive script, appearing to read "Nancy E. Barbour".

Nancy Barbour
2610 Rising Rock Court
Rockingham, VA 22802-8013

From: [Sam Rasoul](#)
To: [Redistricting](#)
Subject: Roanoke City House District
Date: Sunday, November 21, 2021 1:49:06 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

To Whom It May Concern:

With Roanoke City being slightly larger than a single house district, below is a list of Roanoke City precincts which best keeps communities of interest intact in my opinion for both what is the current 11th House District and the neighboring house districts:

- 1 Peters Creek
- 2 Grandview
- 3 Preston Park
- 4 Williamson Road
- 5 Hollins Road
- 6 Southeast
- 7 Lincoln Terrace
- 8 Highland
- 9 Old Southwest
- 10 Raleigh Court
- 11 Crystal Spring
- 12 Grandin Court
- 13 Deyerle
- 14 Lee-Hi
- 15 Summit Hills
- 16 Forest Park
- 17 Eureka Park



These 17 Roanoke City precincts are very close to the target population, keep several communities of interest relatively intact, and are compact & contiguous.

Thank you,

Sam Rasoul

Virginia House of Delegates - Eleventh District

Box 13842 | Roanoke, VA 24037

M: 540.312.9449 | O: 540.904.6905 | Sam4VA.com |  

From: [Kris Peckman](#)
To: [Redistricting](#)
Subject: Congressional District 9 and VA General Assembly District 17
Date: Monday, November 22, 2021 11:09:13 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Both of the above districts have had no competition in at least 20 years. Even when a Democrat dared to run, he lost by a large margin. Please make these two districts more competitive!

--

Kristin Peckman
8131 Webster Dr.
Roanoke, VA 24019
(540)366-7780

From: [Erin Corbett](#)
To: [Redistricting](#)
Subject: Letter to the Clerk of the Court from Virginia Counts Coalition
Date: Monday, November 22, 2021 2:52:17 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Ms. Muriel-Theresa Pitney
Clerk of Court
Supreme Court of Virginia
100 N. 9th Street, 5th Floor
Richmond, VA 23219

November 22nd, 2021

Dear Ms. Pitney:

Pursuant to the Rules and Procedures for Implementing the Requirements of Article II, Section 6-A, the Virginia Counts Coalition submits the following as public comments. The Virginia Counts Coalition has spent the last year advocating in regards to redistricting on behalf of the many communities that our coalition represents. In this effort, we have consistently urged the Virginia Redistricting Commission to focus on equitably drawn districts, to ensure accessible and transparent meetings and documents, and to prioritize ensuring the protection of communities of interest and historically underrepresented communities.

In recognizing the responsibility of drawing district maps has now passed from the Virginia Redistricting Commission to the Supreme Court of Virginia, please accept and review the following (links and also attached) as written public comments to inform your work:

- [Coalition Congressional Maps](#) and [Statement](#)
- [Coalition State House Maps](#) and [Statement](#)
 - [Coalition Map Shapefiles](#)
- [Letter to the VRC Regarding Language Access](#)
-

Testimony to the Commission on Behalf of State House Maps Delivered **October 5th**

- [Public Statements](#)
- [Public Comments](#)

We believe these attached maps illustrate a way to draw districts that ensure the preservation of communities of interest and keep together communities of color, better ensuring that these communities can successfully elect the candidates of their choice. The documents also explain the need for meaningful access to the comment process by disability and language minority communities so that they may also participate in the redistricting process.

We believe these statements and testimony ensure a more equitable and accessible process. The public input process built into Amendment 1 provided the Virginia Redistricting Commission with a record to ground and inform the mapmaking process with the experience and wisdom of everyday Virginians. This Court's special masters should not lose sight of this vital public testimony. Accordingly, we formally ask that the Clerk of the Court, under Rule 3 of the Rules and Procedures, request all records currently held by the Virginia Redistricting Commission. This would include, but is not limited to, any transcripts commission meetings, particularly where oral testimony was provided, written or oral public comment to the commission about communities of interest or district lines, including maps, postcards, etc. and any and all other records that the Commission may hold relating to public input on their communities or district lines

We ask that the commission take these efforts into consideration as the product of collaboration between many Virginians, community organizations, and experts. We thank you for your consideration.

Sincerely,
Virginia Counts Coalition, comprised of:

- Advancement Project
- Campus Vote Project
- Common Cause
- Edu-Futuro

- Fair Elections Center
- Hamkae Center
- League of Conservation Voters of Virginia
- League of Women Voters of Virginia
- Multicultural Family and Education Center
- Sikh American Legal Defense and Education Fund
- Virginia Civic Engagement Table
- Virginia Interfaith Center for Public Policy
- Virginia Coalition of Latino Organizations (VACOLAO)
- Shirlington Employment and Education Center
- Sin Barreras Without Barriers

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Erin Corbett

Redistricting Manager [VCET](#)

e: erin@engageva.org

c: 202-257-1324

[Meet with me](#)

From: briannamsham@everyactioncustom.com on behalf of [Brianna Shamsuddoha](#)
To: [Redistricting](#)
Subject: Our commonwealth needs fair maps
Date: Monday, November 22, 2021 2:54:38 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Dear Virginia Supreme Court,

To the Clerk of the Supreme Court of Virginia:

I am writing this letter, pursuant to the Supreme Court's Rules and Procedures for Implementing the Requirements of Article II, Section 6-A, to provide you with my input about redistricting in Virginia. These maps will be the basis for representation for the next decade and it's important that the maps fairly reflect our communities.

In addition to my written comment provided today, I look forward to the opportunity to present my testimony at a public hearing. I believe there must be a robust public hearing schedule to provide Virginians with ample opportunity to advocate for their communities.

While there are many interests that unite my community, one important shared interest is reducing splits in Northern Virginia. As a resident of Arlington County, I believe we share a strong economic and community bond with Alexandria County. We should remain in the same congressional district together.

Thank you for taking the time to read my public comment letter.

Sincerely,
Brianna Shamsuddoha
Arlington, VA 22201
briannamsham@gmail.com

From: [Wren Olivier](#)
To: [Redistricting](#)
Subject: Redistricting
Date: Monday, November 22, 2021 10:09:03 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Muriel-Theresa Pitney
Clerk of Virginia Supreme Court
100 North Ninth St, 5th Floor
Richmond, VA 23219

Dear Ms. Pitney,

As a resident of Albemarle County I am writing to urge that our county be kept in as few districts as possible in the re-districting process so that our community of interest be maintained as best possible. The current maps are quite contrary to this philosophy to our detriment.

Thank you,

Wren Dawson Olivier
Albemarle County

Sent from my iPad

From: [edward strickler](#)
To: [Redistricting](#)
Subject: To VA Supreme Court re: Redistricting
Date: Tuesday, November 23, 2021 10:30:38 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

The public, including elected officials, may participate in the Court's redistricting deliberations through the submission of written comments. Any such comments must be provided in the form of a letter addressed to the Clerk of the Supreme Court of Virginia and reference the Rules and Procedures for Implementing the Requirements of Article II, Section 6-A. All public comments must be sent to Redistricting@vacourts.gov and must be germane to the topic of Virginia redistricting.

Respectfully,

I am providing below a record of email with the Redistricting Commission. My comments regard what appeared to be a breach of good faith effort - and perhaps a form of mal-practice by the Commission - by allowing incorrect uses of terms that were already legally defined. I observed that incorrect uses of legally defined terms - that was not corrected by the Commission - were inflected with politically partisan bias, as well as offensive prejudices, that sometimes in some speakers approached racist bigotry. This was very distressing.

Sincerely,
Edward Strickler
Farmville VA
retired, School of Medicine, University of Virginia

From: edward strickler <edwardnvirginia@hotmail.com>

Sent: Saturday, October 9, 2021 8:52 AM

Subject: Keep working Redistricting Commission. You've failed - thus far - by failing to enforce the Code's meaning of 'communities of interest'

Dear Commissioners:

Keep working.

That is your sworn public service. Quitters - who are not quitting because of their own or family illness or crisis - are quitting on the public - all of us in the Commonwealth - that they claim to 'serve', contrary to their oath and commitment to serve faithfully. As I believe one of the Commissioners said in yesterday's meeting there is a moral dimension to your work: that moral dimension involves not to quit your public service until a higher authority (the Constitution, the Virginia Supreme Court, etc) tells you to quit or you reach the conclusion that you can reach.

It is incorrect to claim - as many 'progressive' media appear to be doing - that your morass is due to 'conservative' partisanship and racist thinking. There has been that, sad to say, but, I believe also, sad to say, because of 'progressives' pushing their own racist thinking and tribalist partisanship, frequently cloaked in prejudicial constructions of 'communities of interest'.

I tried this week to step in with comments that might help by re-focusing your lens on equity among metro and rural areas that are part of any 'community of SHARED interests, shared benefits and burdens of Constitutional governance'. I heard too many times metro area commenters unwilling to consider SHARED interests other than shared politically partisan interests. Shame on them. But also shame on the Commission for not calling it out.

You will need to answer for allowing commenters to abuse the meaning given by Virginia Code, and in common morality, of

'communities of interest'. Commenters transgressed the specific definition cited at your Commission's website (<https://www.virginiaredistricting.org/2021/Data/Ref/2021%20Redistricting%20Guidelines%20and%20Criteria%208-19-2021.pdf>). 'Communities of interests' must be

- **'contiguous'**. Many or most Virginia metro areas are contiguous with one of more rural areas. BUT metro area commenters frequently discussed their adjacent rural communities as foreigners, almost as if a different species, who were (implicitly or explicitly) inferior intellectually, behaviorally and morally, and thereby, to the metro area commenters, incompatible, or unworthy of association. Quite a display of 'progressive' tribalism high dudgeon 'drag' ("Whatever you proclaim as your identity here in the material realm is also your drag", RuPaul).
- **'avoiding unnecessary divisions of those subdivisions'** (common sense & common morality for good government)
- **'geographically defined group of people living in an area who share similar social, cultural, and economic interests shall be maintained to the extent possible'**. Many Virginia metro areas - as described below - are dependent upon water resources, waste streams, food and agricultural production, and energy production that are in adjacent/contiguous rural areas, and most metro areas depend on labor markets coming in from rural areas (especially to do lots of the dirty dangerous work). **YET I did not hear metro area commenters discuss these ESSENTIAL 'social, cultural and economic interests'! It was as if 'progressives' had taken a holiday from their 'progressive' ideals about diversity, equity and inclusiveness!** And, rather, for the purposes of redistricting, become possessed by anti-ecological, anti-scientific, anti-working class, anti-'green' tribal spirits ... for the sake of political partisanship ... which of course, Virginia Code says they must not be:

"For purposes of this subdivision, a 'community of interest' means a neighborhood or any geographically defined group of people living in an area who share similar social, cultural, and economic interests. **A 'community of interest' does not include a community based upon political affiliation or relationship with a political party**, elected official, or candidate for office." Va. Code Ann. § 24.2-304.04(5). **[emphasis added]**

The good people of the Commonwealth - by a sound majority - informed you what to do. The Code of Virginia was/is a sufficient guide. And you had/have the high privilege of serving the public in this important matter. You failed, for a time. But Keep Working.

Thank you,
Edward Strickler

From: edward strickler <edwardnvirginia@hotmail.com>

Sent: Thursday, October 7, 2021 4:25 PM

Subject: Comments today: Rural communities are communities of interest in relation to metro areas

May I respectfully point out a problem with many comments to you that I have noticed.

Many comments, particularly from metro areas, have discussed rural areas adjacent to their metro area as NOT part of their 'community of interest' BECAUSE 'they' 'don't vote like we do'. BUT this is defining a 'community of interest' **based upon political affiliation or relationship with a political party** and is disallowed by the Code of Virginia, as described on one of the Commission's webpages. How will Commissioners regard or disregard these comments that are contrary to provisions of the Code?

Moreover,

many comments have portrayed rural areas adjacent to metro areas as populated by people who are described as if foreigners, or perhaps as intellectually, behaviorally and/or morally inferior. This sort of political tribalism is something you should draw lines to protect against, for the sake of our 'Commonwealth': the social bonds we share in common which is our greatest strength and 'wealth'.

Too many comments denying that metro areas have any 'community of interest' with adjacent rural areas destroys this 'Common-wealth'. Metro areas and adjacent rural areas have much in 'common interest'.

For example:

Waste

How many Virginia metros keep their waste in city limits? Many, perhaps most, dump into rural areas, that are – not incidentally – very often in rural communities of color, and working class communities? Clearly, considering waste streams, many adjacent

rural areas ARE IN FACT in a social, cultural and economic ‘community of interest’ with metro areas, are they not?

Labor

Similarly, metro areas have long been dependent on cheaply paid labor that migrates or commutes from adjacent rural areas. Are the people who do much of the dirty, hard work in metro areas – who commute in from rural areas – not part of these metro commentators’ ‘community of interest’?

Food

And what about food production? Are the working class people doing dirty, dangerous and poorly compensated jobs of agricultural production, that provide for needs in growing metro areas, not worthwhile in metro commentators’ assessment of their ‘community of interest’?

Energy

Today we see metro area interests – that need more and more and more energy – preying upon rural landscapes and communities to provide utility-scale solar production of electricity, externalizing the effects and costs of these vast acres of toxic e-waste pollution upon the rural jurisdictions. But we still hear metro area commentators denying any ‘community of interest’ with adjacent rural areas.

Many metro area commenters have expressed conceptions of ‘community of interest’ that are politically partisan – which is not allowed by the Code – and many have abstracted adjacent rural areas from their ‘community of interest’ apparently out of historical blindness, intellectual laziness, or moral indifference.

I propose that your map drawing should not be blind, lazy or indifferent to how, historically and presently, rural areas may be ‘communities of interest’ in relation to adjacent metro areas. commentators.

Respectfully,

Edward Strickler
resident in Farmville VA
providing comments only as myself

member and past chair, Ethics Section, American Public Health Association

retired, School of Medicine, University of Virginia

member of many statewide, regional and local advisory bodies regarding the health and well being of disadvantaged, disenfranchised, and vulnerable rural populations

From: edward strickler <edwardnvirginia@hotmail.com>

Sent: Wednesday, October 6, 2021 6:31 PM

Subject: Rural communities are communities of interest in relation to metro areas

I am Edward Strickler. I live in Prince Edward county in the very rural Southside, and have lived in rural Albemarle County, and lived from birth to college age in a rural working class farming community of Rockingham County. My ancestors arrived to the Shenandoah Valley in the early decades of the 18th century escaping genocidal religious persecution in Europe. Some of them carried a rare 16th century family Bible from Switzerland to the Valley (it's in the very fine Luray Valley Museum in Luray).

I am a member and past chair of the Ethics Section of the American Public Health Association, am recently retired from the School of Medicine at UVA, and have served on many advisory commissions, committee, boards and other bodies with state, regional or local jurisdiction.

Throughout I have aimed to elevate needs, issues, and concerns of underserved and vulnerable rural populations, who, as anyone worth their salt should know, in Virginia, means many rural residents, and sometimes most households of a rural area census tract, zip code, or entire counties.

I am raising with you a moral imperative to repair the many disparities, inequities, and injustices endured, across generations in many rural areas of Virginia that have transpired, in part, through political line drawing. Line drawing should not disadvantage rural populations and instead should tend toward improved equity for rural populations. Here I briefly define equity as the fair sharing of benefits and burdens across society; and I define justice as the morally sound discernment of what fair sharing would be, that involves all stakeholders in conversation together.

I am sad – but not surprised – that your crushing schedule (I am sorry it has been so crushing but that is your public service and we thank you for that!) has poorly engaged concerns about equity and justice (in the terms above). It has been wonderful to hear many comments from persons speaking for themselves and/or for their communities of different colors, races, ethnicities, and cultures. Thank you for welcoming them. Many spoke about historical and ongoing problems from Virginia's wickedly racialized legal, political, and social histories and their legacies. That is a part of discovering justice (through their engagement in this conversation about redistricting). But, powerful and important, as that is, it gets us not very far regarding equitable sharing or benefits and burdens, across metro area and rural areas Virginia. This is in large part due to how, historically, metro-dominated politics created/s rural areas as subaltern. Subaltern?: subordinate to metro issues, needs, and concerns; because rural people are considered inferior (inferior intellectually, inferior in economic or cultural production, and inferior morally).

I have been advocating this summer with the Governor's Commission on Racial Inequity in Virginia Law (<https://www.governor.virginia.gov/racial-inequity-commission/>). Fortunately I knew some members to breakthrough their crushing and important schedule. My aim was to encourage consideration of rural disparities, inequities, and injustices within their broader discussion, and to recommend out of that discuss, within their mission. I am glad that they appear to be completing a 'rural' chapter, with description and recommendations. I believe, from viewing meetings online, that some members were surprised to know how great, and how entrenched, disparities, inequities, and injustices are in much of rural Virginia.

Generally, in most such bodies that I've be part of, or advocated with, most appointees had not a clue that the Virginia jurisdictions with the largest proportions of residents of color are rural and very rural counties, not metro areas! Their discussions of racial equity failed to include seriously the disparities, inequities, and injustices across rural Virginia, because of the falsehood that rural Virginians are mostly 'White'. Which is easily disproved with a single map: <https://www.indexmundi.com/facts/united-states/quick-facts/virginia/black-population-percentage#map> And comparing that map to another set - <https://www.countyhealthrankings.org/app/virginia/2020/overview> - where we see that much of rural Virginia - and especially Southside, Southwest, the Eastern Shore, and areas of the Middle and Northern Peninsulas – are counties, census tracts and zip codes where Virginians get sick more, stay sick (and disabled) longer, and die sooner, than other Virginians – we see another way to understand 'communities of interest', 'racial equity' and equitable sharing across the Commonwealth. And yet another map - <https://www.vpap.org/visuals/visual/increase-multiracial-identity/> - showing growth in multiracial populations in rural Virginia helps us too.

Many rural jurisdictions in Virginia are communities of interest because of the prominent, and sometimes extreme, disparities, inequities, and injustices they endure – and have endured for generations – when compared to metro areas. Getting sick more, and staying sick (and disabled) longer are prominent disparities! Rural residents dying sooner are extreme inequities (wouldn't a rational person concur?, and wouldn't a moral person abhor?). Continuing the legal, political and social conditions that sustain these are grave injustices.

What can your Commission do about this? Your crushing schedule will not allow you to do much. But you can, when faced with the comments you've heard about linedrawing and 'communities of interest' recall these legal, political, and social legacies or disparities, inequities, and injustices across much of rural Virginia.

Too many times in the live and recorded public hearings I heard city dwellers and metro area advocates discuss adjacent rural communities as foreigners to their interests and values. I did fewer times hear rural dwellers discuss metro areas as foreigners. Language selected and emphasized by the metro area residents/advocates too frequently, distressingly, veered toward stereotypical and prejudicial belittling, devaluing, and even fear mongering stereotyping of rural voters, rural values, and rural communities.

I lived many years in rural Southern Albemarle County. I heard today many Charlottesville and metro-area Albemarle County speakers relate that they have nothing in common with Buckingham County. So, they appear not to know or not to care that many of the working class and skilled workers at the University, in the UVA Health System and Martha Jefferson Sentara Health Systems. And other workplaces – who do many of the dirty jobs – live in Buckingham County. And also in Augusta County (another county many metro-Charlottesville speakers considered foreigners. But I also heard a Buckingham County Supervisor -

who knows more about these strong ties. with Scottsville (in Albemarle County) as the central market, health care, and other center for much of Buckingham County – tell the opposite story: that many Buckingham residents have a common ‘community of interest’ with Albemarle County and Charlottesville, where so many work, so many get health care, and so many find services they need.

My impression – formed over decades of work with many advisory bodies - is that affluent metro elites’ preconceptions and prejudicial appraisals of rural Virginia interests and values - as contrary to their interests – is not founded very much in fact but in selfish emotions. It was too hard, and too distressing, to consider that economic patterns that benefited/benefit metro areas for generations, while burdening rural areas for generations, were facts to deal with. Rather, instead, turn the situation around, emotionally, and consider, and sometimes publicly call rural Virginians ‘racists’, ‘rednecks’, ‘White trash’, ‘trailer trash’, ‘country trash’, and the like. Great and abundant public institutions, seated in larger and smaller metro areas, sparingly provide or seldom sustain economic development and outreach, clinics, practitioners, and specialists, educational enrichment and lifelong learning to advance along 21st century career ladders, and other benefits of their abundance into underserved rural areas. Rural need is emotionally distant and easy to put out of mind. Economically, politically, and emotionally, it is very easy for many metro areas to ignore rural needs, concerns and values. While many rural areas, long ago, were economically captured/colonized by metro area economies, and politics, to suit their selfish interests.

I beg you, please, do not put rural Virginians out of mind. Rural Virginians are, in many ways, and in many places, a ‘community of interest’/‘communities of interest’ IN RELATION historically, economically and politically with metro areas, that include generations-long concerns for communities of different colors, races, and ethnicities, residing in rural areas, who have been disempowered by economic and political arrangements that suite metro area elites.

I can share to any who ask my written presentation to the Governor’s Commission on Racial Inequity in Virginia Law. But you already have enough read. And I thank you for your kindness and consideration for that! Thank you.

Respectfully,

Edward Strickler

From: [Debbie Donehey](#)
To: [Redistricting](#)
Cc: [Garrey Curry](#)
Subject: Rappahannock County
Date: Tuesday, November 23, 2021 3:17:39 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

The Rappahannock County Board of Supervisors previously voted unanimously to authorize me to submit comment to the redistricting commission regarding our local desire to remain in the same House District as northern Fauquier County. I am repackaging that comment for the benefit of the court.

We and northern Fauquier County, for all practical purposes, form a community of interest. There are many similarities that span the county line including: land-use values as evidenced by the significant presence of conservation easements and restrictive zoning; economic, social, and cultural factors revolving around the predominant agricultural business climate; and similar geographic features of the piedmont.

In addition, we have had a strong community relationship with Fauquier County for decades. Our citizens go to school in Fauquier County, including the Governor's School, Wakefield School, Highland School, and LFCC. Our citizens do business, shop, and engage in a wide range of recreational activities in Fauquier County.

We understand that redistricting is a difficult task with many variables at play. In reaching your decision, we respectfully request that you consider our desire to remain with northern Fauquier County in the same House District and to specifically not align our small community with only metropolitan areas or areas on the west side of the Blue Ridge.

Sincerely,

Debbie P. Donehey, Chair
Rappahannock County Board of Supervisors



COUNTY OF FREDERICK

Roderick B. Williams
County Attorney

540/722-8383
Fax 540/667-0370
E-mail rwillia@fcva.us

November 23, 2021

VIA EMAIL TO Redistricting@vacourts.gov

Honorable Muriel-Theresa Pitney, Clerk of Court
Supreme Court of Virginia
P.O. Box 1315
100 North Ninth Street
Richmond, VA 23219-1315

Re: Decennial Redistricting Pursuant to the Constitution of Virginia,
art. II, §§ 6 to 6-A, and Virginia Code § 30-399

Dear Ms. Pitney:

Pursuant to the Court's Rules and Procedures for Implementing the Requirements of Article II, Section 6-A of the Constitution of Virginia, I write on behalf of Frederick County and its Board of Supervisors (collectively, "Frederick County" or "the County") regarding the state legislative and congressional redistricting proceeding currently pending before the Court. Frederick County has diligently pursued its local magisterial district redistricting, with a Board of Supervisors public hearing on the County's proposed redistricting scheduled for December 8, 2021. This is in anticipation of the adoption of the proposed redistricting that same evening, as the proposed redistricting responds to public comments the Board of Supervisors received on November 8, regarding a prior version of the County's proposed redistricting.

The County's specific concern with the state legislative and congressional redistricting relates to geographic correspondence between state legislative and congressional districts and local magisterial districts and precincts. The County respectfully requests that, based on its modest population size, the County not be split between congressional or State Senate districts and, to the extent possible, the House of Delegates district lines conform to the precinct and magisterial district lines that the County ultimately adopts. Doing so would avoid the potential for split precincts. It would also avoid the possibility that residents of a County magisterial district – the median 2020 population of a magisterial district in Frederick County is just 15,236 – would be split between multiple state legislative and/or congressional districts.

Toward this end, I am including with this letter copies of the proposed County-wide map and individual maps of the proposed magisterial districts. Both the County-wide map and the individual magisterial district maps show the constituent precincts. I am also including a copy of

the County's proposed redistricting ordinance, which includes text descriptions of the boundaries of the proposed magisterial districts and precincts.

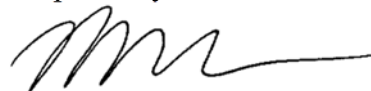
In particular, I note that, in the state legislative redistricting following the 2010 Census, despite the combined population of Frederick County and the City of Winchester (which the County wholly surrounds) being just 104,508, a total that was not that much more than the target population for a single House of Delegates district, the County was divided among three House of Delegates districts. Two of those districts extend from the east into the eastern portion of the County, into some of the highest growth areas of the County.

Consequently, in undertaking the current redistricting exercise, the existing House of Delegates district lines did not provide a viable rubric for the local magisterial district redistricting. In this regard, I note that, in all or almost all of the draft maps prepared by the consultants to the Virginia Redistricting Commission, the maps divided the County between only two House of Delegates districts. The County proceeded with its redistricting process in anticipation of the County being divided between only two House of Delegates districts.

I further note that, based on the median 2020 population of 15,236 for the County's magisterial districts, the population of four magisterial districts, plus the City of Winchester's population of 28,120, would total 89,064. This would represent almost the ideal size for a House of Delegates district, being just 3.2% over the target size of 86,314. Therefore, the County believes that four intact County magisterial districts, plus the City of Winchester, could constitute a single House of Delegates district, at worst requiring perhaps the placement of just a single precinct from them into the one adjacent House of Delegates district that could include the rest of the County. The County respectfully submits that there is no need for a more radical division of the County among House of Delegates districts.

The County can provide to the Court and its Special Masters further information regarding the County's proposed magisterial districts and precincts, including the listing of census blocks comprising each, upon request to the undersigned County Attorney. The County very much appreciates the Court's consideration of the County's concerns.

Respectfully submitted,



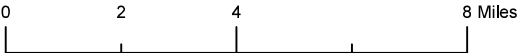
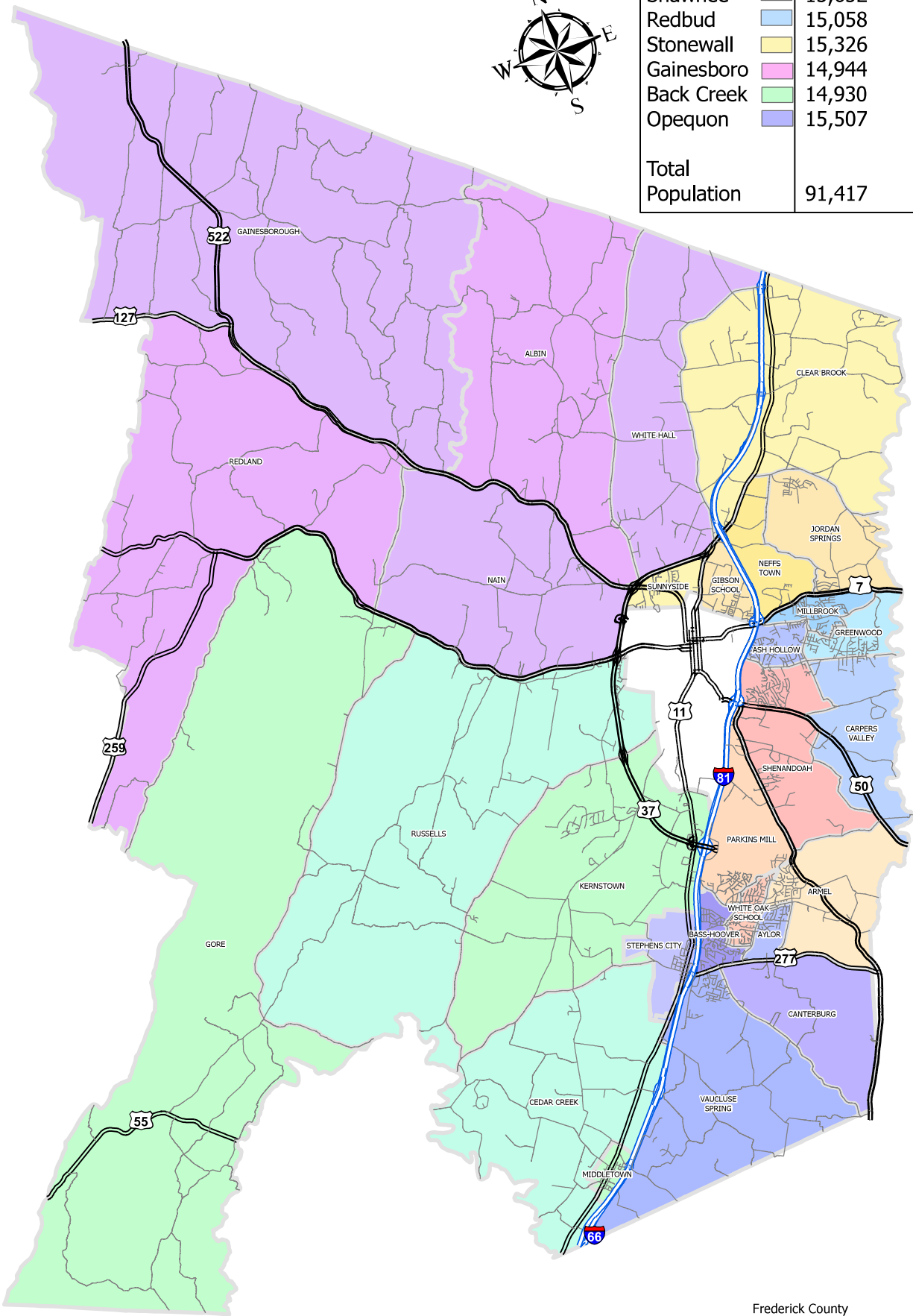
Roderick B. Williams
County Attorney

Attachments

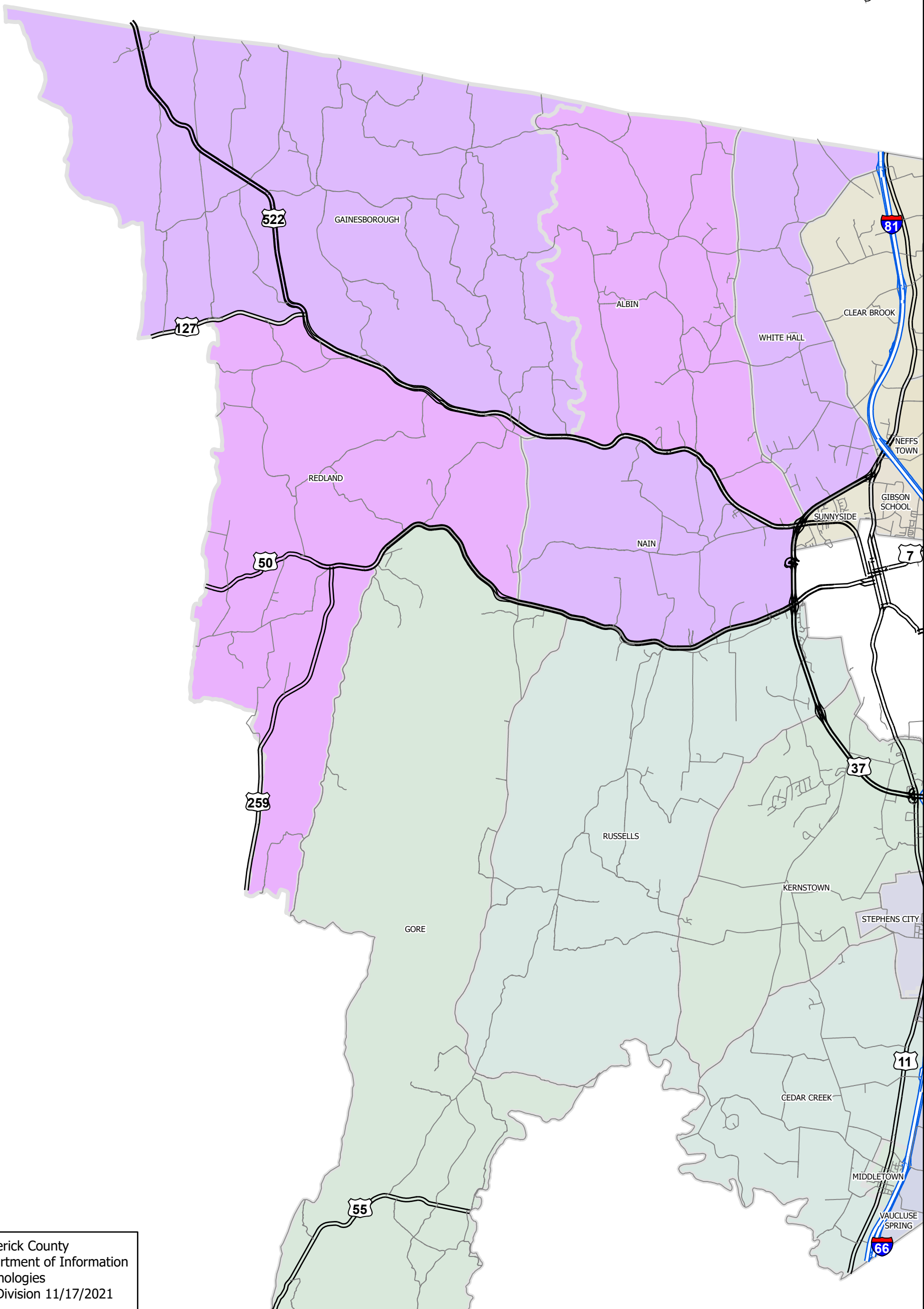
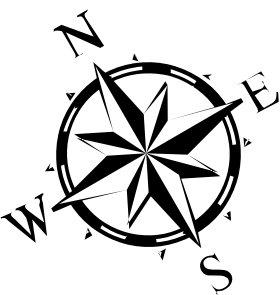
cc: Board of Supervisors
County Administrator

Proposed Redistricting

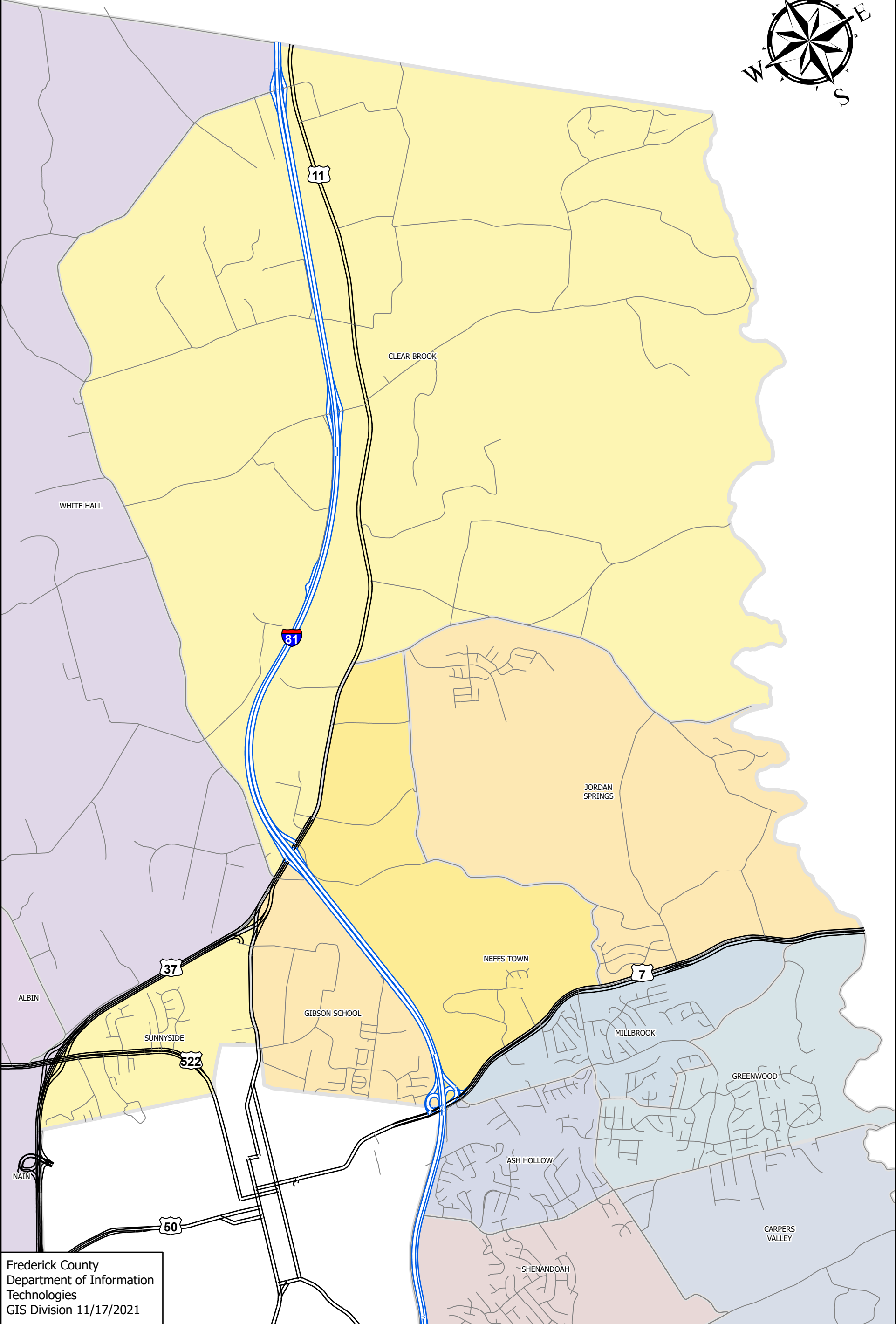
Magisterial District	Population
Shawnee	15,652
Redbud	15,058
Stonewall	15,326
Gainesboro	14,944
Back Creek	14,930
Opequon	15,507
Total Population	91,417



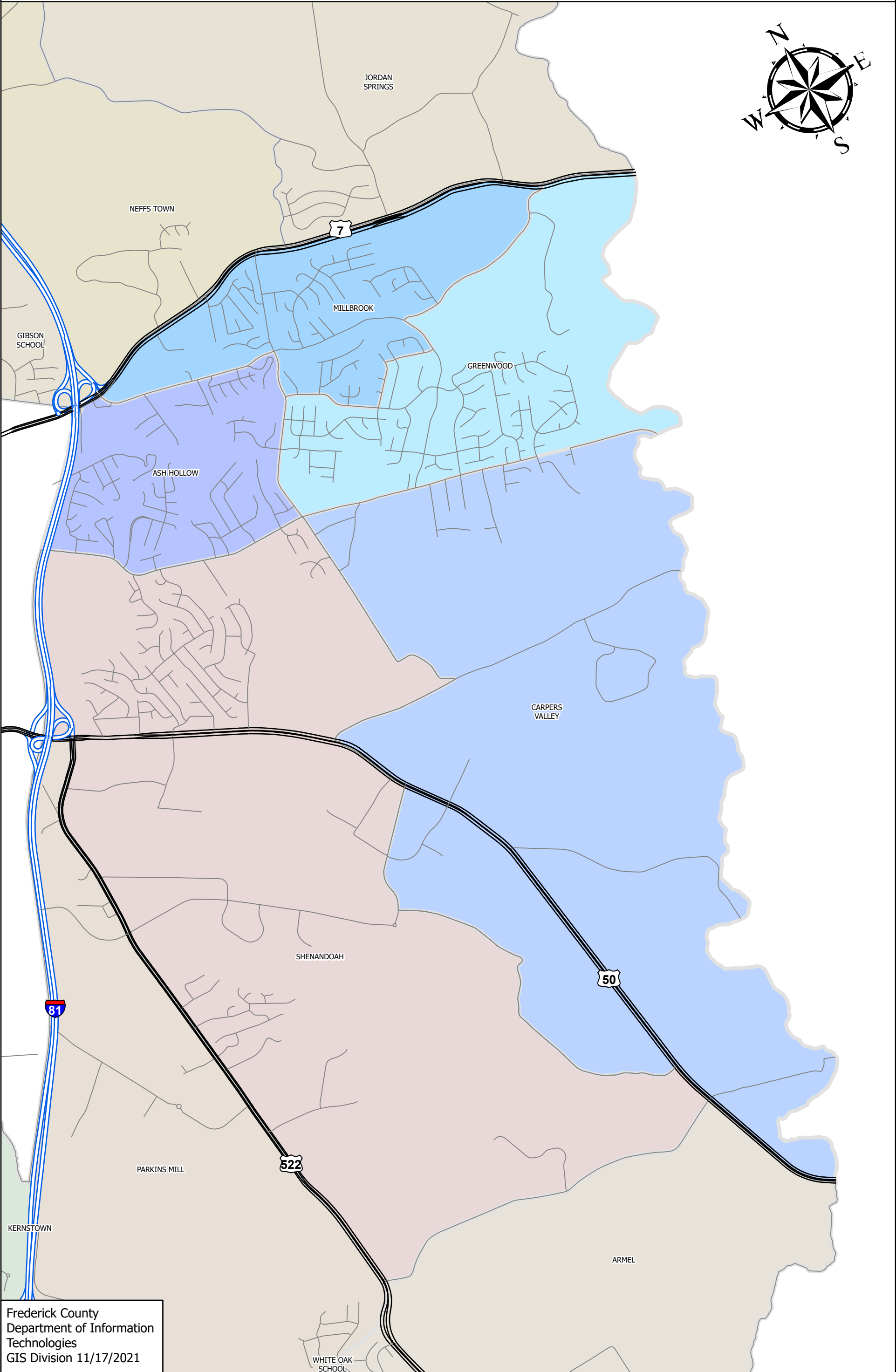
Proposed Gainesboro Precincts



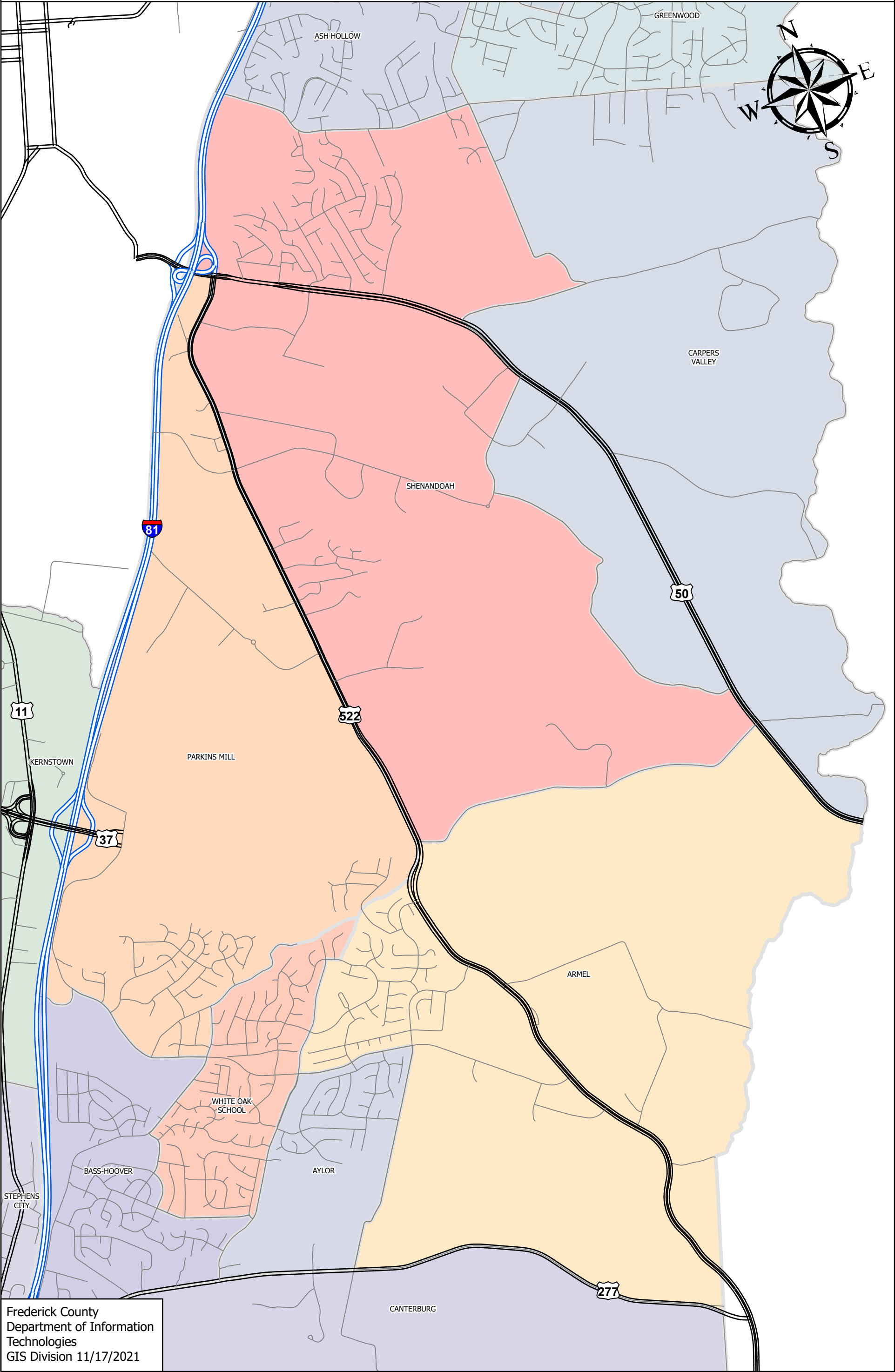
Proposed Stonewall Precincts



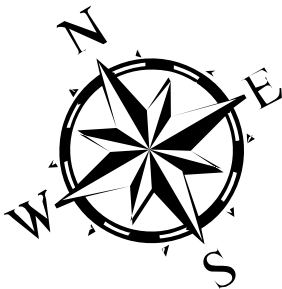
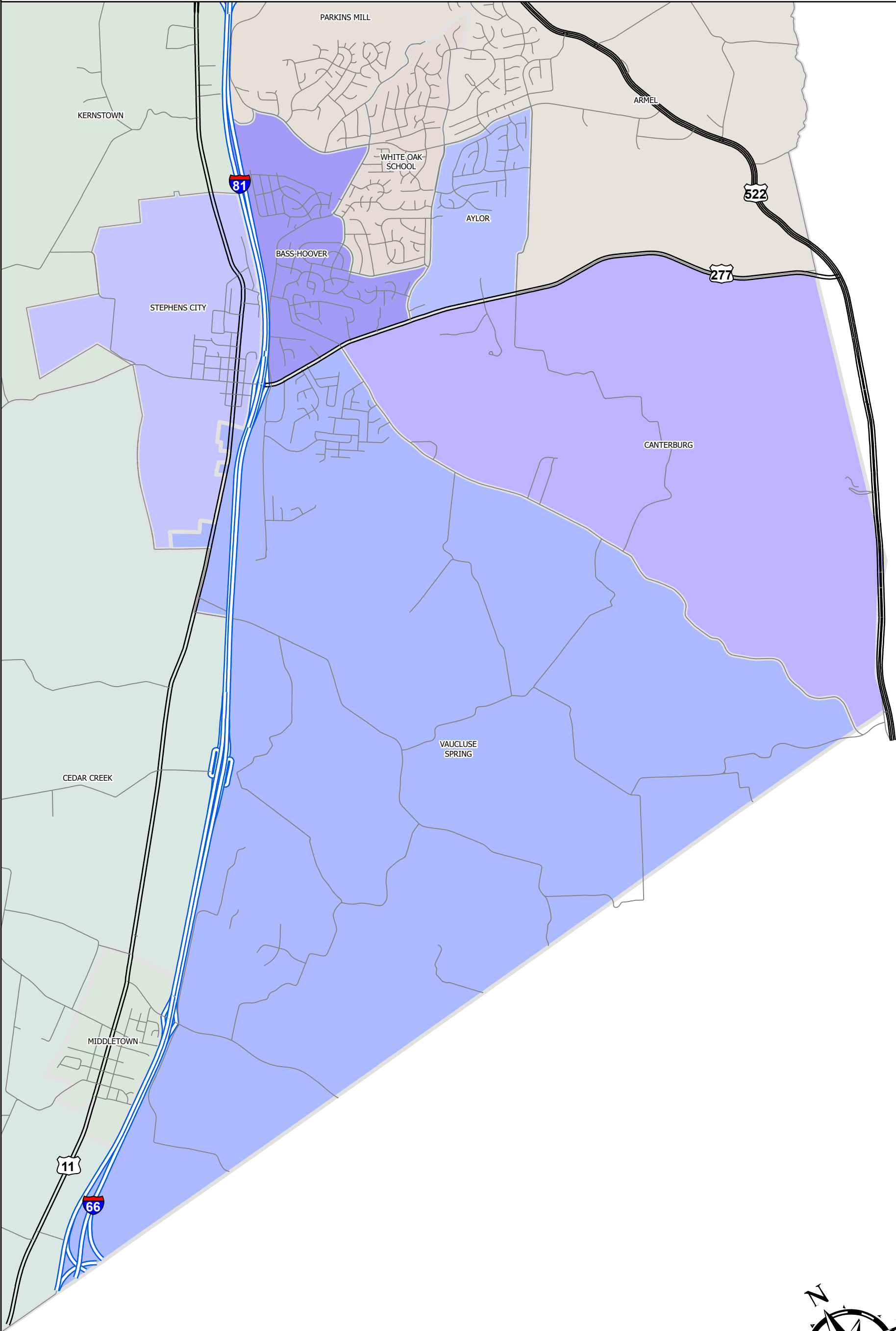
Proposed Redbud Precincts



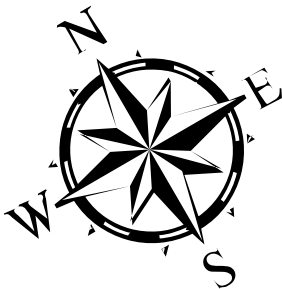
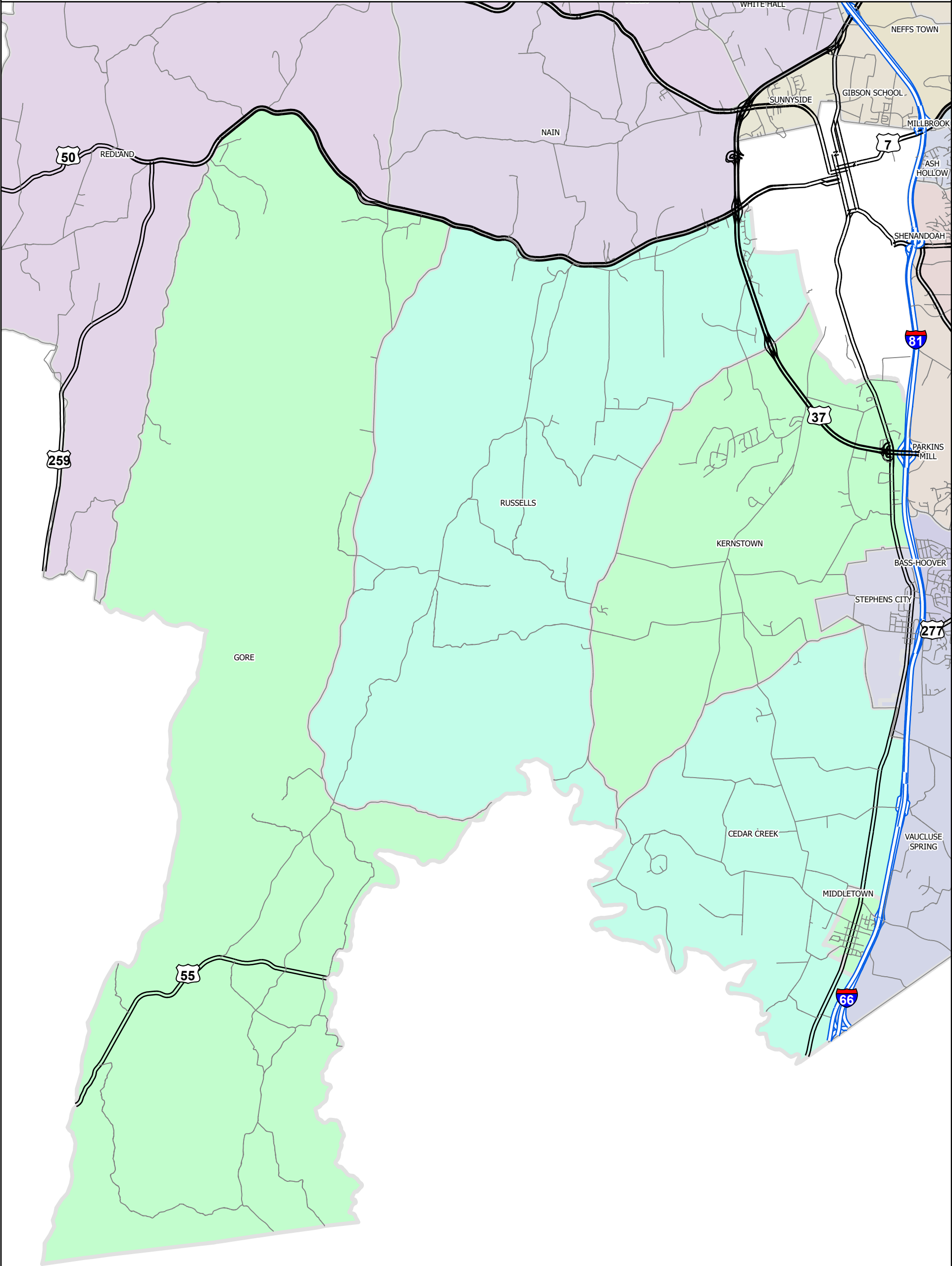
Proposed Shawnee Precincts



Proposed Opequon Precincts



Proposed Back Creek Precincts



PROPOSED AMENDED FREDERICK COUNTY CODE

CHAPTER 7 ELECTIONS

Article I Magisterial Districts

§ 7-1 Districts created.

Pursuant to authority contained in Code of Virginia (1950), as amended, § 15.2-1211, the Magisterial Districts of Frederick County, Virginia, are hereby created and established as set forth in this article.

§ 7-2 Districts enumerated.

The magisterial districts with populations set forth are as follows:

Magisterial District	Population (as of April 1, 2020)
Back Creek	14,930
Gainesboro	14,944
Opequon	15,507
Red Bud	15,058
Shawnee	15,652
Stonewall	15,326

§ 7-3 Central Absentee Voting Precinct.

The Central Absentee Voting Precinct for all elections is to be held at 107 North Kent Street (County Administration Building), Winchester, Virginia, in a first-floor conference room.

§ 7-4 Boundaries.

The boundaries of the respective magisterial districts are set forth below:

- A. Back Creek Magisterial District. Beginning at the southernmost edge of the county, at the intersection of the Interstate 81 southbound lanes and the boundary between Frederick County and Warren County, proceeding west along the boundary with Warren County until reaching Cedar Creek and the boundary between Frederick County and Shenandoah County. Thence following the boundary between Frederick County and Shenandoah County approximately northwest, then north, and then southwest again, following the boundary and roughly the trajectory of Cedar Creek. Thence departing Cedar Creek and continuing northwest along the county boundary until arriving at the border between Virginia and West Virginia, and the boundary between Frederick County and Hardy County, West Virginia. Thence proceeding northeast to the start of the boundary shared between Frederick County and Hampshire County, West Virginia. Thence continuing broadly northeast, following the county boundary, until arriving where Back Creek Road crosses the county border. Thence

following the centerline of Back Creek Road north-northeast to the intersection with Gore Road. Thence following the centerline of Gore Road northeast to the intersection with Route 50. Thence following the eastbound lanes of Route 50 east to the boundary of the City of Winchester. Thence proceeding in a roughly southerly fashion along the border with the City of Winchester until its terminus, near where Hoge Run passes under Interstate 81. Thence following the Interstate 81 southbound lanes until the point where the northern boundary of the Town of Stephens City runs perpendicular to Interstate 81. Thence following the boundary of the Town of Stephens City in a first roughly west, then roughly south direction, until the place where the southernmost boundary of the Town of Stephens City meets Family Drive. Thence following the centerline of Family Drive southeast to the intersection of Route 11, and thence southwest along the centerline of Route 11 until the intersection with Salem Church Road. Thence following the centerline of Salem Church Road east to its intersection with the southbound lanes of Interstate 81. Thence following the southbound lanes of Interstate 81 south to the boundary between Frederick County and Warren County, arriving at the starting point.

- B. Gainesboro Magisterial District. Beginning at the intersection of the boundary of the City of Winchester and the eastbound lanes of Route 50. Thence proceeding west along the eastbound lanes of Route 50 to the intersection with Gore Road. Thence proceeding southwest along the centerline of Gore Road until the intersection with Back Creek Road. Thence proceeding south-southwest along the centerline of Back Creek Road to the boundary between Frederick County and Hampshire County, West Virginia. Thence following the boundary of Frederick County and Hampshire County roughly west and then roughly north-northeast to the intersection of boundaries of Hampshire County, West Virginia and Morgan County, West Virginia with Frederick County. Thence following the boundary of Frederick County and Morgan County, West Virginia in a southeasterly direction to the intersection with the boundary of Berkeley County, West Virginia. Thence following the boundary of Frederick County and Berkeley County, West Virginia in a southeasterly direction to the intersection with the Interstate 81 southbound lanes. Thence following the southbound lanes of Interstate 81 south-southwest to the overpass crossing at Rest Church Road. Thence following along the centerline of Rest Church Road west and south to the intersection with Welltown Road. Thence following the centerline of Welltown Road south to the intersection with the southbound lanes of Route 11. Thence following the southbound lanes of Route 11 southwest until the intersection with Route 37, and then proceeding along Route 37 south to its intersection with Route 50. Thence following the eastbound lanes of Route 50 east to the intersection with the boundary of the City of Winchester, arriving at the starting point.

- C. Opequon Magisterial District. Beginning at the intersection of Route 277 and the boundary between Frederick County and Clarke County, following south-southwest along the boundary between Frederick County and Clarke County to the intersection with the boundary between Frederick County and Warren County. Thence following the boundary between Frederick County and Warren County south-southwest, then turning west-southwest, to its intersection with the Interstate 81 southbound lanes. Thence following the Interstate 81 southbound lanes north until the intersection with Salem Church Road. Thence following the centerline of Salem Church Road west to the intersection with Route 11. Thence following the centerline of Route 11 northeast to its intersection with Family Drive. Thence following the centerline of Family Drive west to its intersection with the boundary of the Town of Stephens City. Thence following the boundary of the Town of Stephens City clockwise to its intersection with Interstate 81. Thence following the Interstate 81 southbound lanes north to the point where the interstate crosses Opequon Creek (watercourse). Thence following Opequon Creek briefly to the east, where it passes beneath Tasker Road. Thence following the centerline of Tasker Road southeast to the intersection with Aylor Road. Thence following the centerline of Aylor Road southwest to the intersection with Caroline Avenue. Thence following the centerline of Caroline Avenue south to Fredericktowne Drive. Thence following the centerline of Fredericktowne Drive south to the intersection with Westmoreland Drive. Thence following the centerline of Westmoreland Drive east to the intersection with Churchill Drive. Thence following the centerline of Churchill Drive briefly to the intersection with Warrior Drive. Thence following the centerline of Warrior Drive north to the intersection with Tasker Road. Thence following the centerline of Tasker Road east to the intersection with White Oak Road. Thence following the centerline of White Oak Road south to the intersection with Route 277. Thence following the intersection with Route 277 east to the boundary between Frederick County and Clarke County, arriving at the starting point.
- D. Red Bud Magisterial District. Beginning at the intersection of Senseny Road and the Interstate 81 southbound lanes and proceeding northeasterly along the Interstate 81 southbound lanes, and parallel to the boundary with the City of Winchester. Thence proceeding north to the intersection between Route 7 and the boundary of the City of Winchester. Thence proceeding east along the westbound lanes of Route 7 to the boundary between Frederick County and Clarke County. Thence following the boundary between Frederick County and Clarke County in a southerly direction, arriving at the intersection with Route 50. Thence following the Route 50 eastbound lanes northwest to the intersection with Airport Road. Thence following the centerline of Airport Road northwest to the intersection with Victory Road. Thence following the centerline of Victory Road north to the intersection with Route 50. Thence following the Route 50 eastbound lanes west to the intersection with Sulphur Spring Road. Thence following the centerline of Sulphur Spring Road east to the intersection with Greenwood Road.

Thence following the centerline of Greenwood Road north to the intersection with Senseny Road. Thence following Senseny Road west to the intersection with Interstate 81, arriving at the starting point.

- E. Shawnee Magisterial District. Beginning at the border between Frederick County and Clarke County where it crosses Route 277, thence proceeding in a northwesterly direction along Route 277 to the intersection with White Oak Road. Thence following the centerline of White Oak Road north to the intersection with Tasker Road. Thence following the centerline of Tasker Road west to the intersection with Warrior Drive. Thence following the centerline of Warrior Drive south to Churchill Drive. Thence following the centerline of Churchill Drive briefly to the intersection with Westmoreland Drive. Thence following the centerline of Westmoreland Drive west to the intersection with Fredericktowne Drive. Thence following the centerline of Fredericktowne Drive north to the intersection with Caroline Avenue. Thence following the centerline of Caroline Avenue north to the intersection with Aylor Road. Thence following the centerline of Aylor Road northeast to the intersection with Tasker Road. Thence following the centerline of Tasker Road northwest until it crosses the path of Opequon Creek (watercourse). Thence following of Opequon Creek briefly to the west to the point where Interstate 81 crosses it. Thence following the Interstate 81 southbound lanes north, until intersecting Senseny Road. Thence following the centerline of Senseny Road east until it intersects Greenwood Road. Thence following the centerline of Greenwood Road south to the intersection with Sulphur Spring Road. Thence following the centerline of Sulphur Spring Road west until intersects Route 50. Thence following the Route 50 eastbound lanes east to the intersection with Victory Road. Thence following the centerline of Victory Road south to the intersection with Airport Road. Thence following the centerline of Airport Road southeast to the intersection Route 50. Thence following the Route 50 eastbound lanes southeast to the boundary between Frederick County and Clarke County. Thence following this boundary south until to where the boundary is crossed by Route 277, arriving at the starting point.
- F. Stonewall Magisterial District. Beginning at the intersection of Route 7 where it meets the boundary of the City of Winchester, at the overpass crossing of Interstate 81. Thence proceeding in a roughly west-northwesterly direction, identical to the boundary of the City of Winchester and Frederick County, to where this boundary meets Route 37, southwest of the terminus of Margaret Lane. Thence following Route 37 north to its intersection with Route 11. Thence following the southbound lanes of Route 11 northeast until the intersection with Welltown Road. Thence following the centerline of Welltown Road north to the intersection with Rest Church Road. Thence following the centerline of Rest Church Road to the overpass crossing of the Interstate 81 southbound lanes. Turn following the Interstate 81 southbound lanes north-northeast until reaching the boundary between Frederick County and Berkeley County, West Virginia.

Thence following the boundary between Frederick County and Berkeley County, West Virginia southeast, until reaching the intersection between Berkeley County and Jefferson County in West Virginia, and Frederick County and Clarke County in Virginia. Thence following in a southerly direction along the boundary between Clarke County and Frederick County, along Opequon Creek, until the overpass where Route 7 crosses Opequon Creek. Thence following the westbound lanes of Route 7 west, to where Route 7 meets the boundary of the City of Winchester, arriving at the starting point.

§ 7-5 Election of Supervisors.

There shall be one Chairman elected at-large from all districts within the County, and one Supervisor shall be elected from each magisterial district created by this article.

ARTICLE II Election Precincts

§ 7-6 Precincts created.

Pursuant to authority contained in the Code of Virginia (1950), as amended, §§ 24.2-305 through 24.2-310.1, the precincts and their respective polling places for the County are hereby created and established as set forth in this article.

§ 7-7 Precincts and respective polling places enumerated.

The precincts for each magisterial district and the polling places for each precinct shall be as set forth below:

A. Back Creek Magisterial District

Precinct	Polling Place
Cedar Creek	Middletown Elementary School
Gore	North Mountain Fire Hall
Kernstown	Orchard View Elementary School
Middletown	Middletown Elementary School
Russells	Round Hill Fire Event Center

B. Gainesboro Magisterial District

Precinct	Polling Place
Albin	James Wood High School
Gainesborough	Gainesboro Elementary School
Nain	James Wood High School
Redland	Indian Hollow Elementary School

White Hall	Apple Pie Ridge Elementary School
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C. Opequon Magisterial District

Precinct	Polling Place
Aylor	Robert E. Aylor Middle School
Bass-Hoover	Bass-Hoover Elementary School
Canterburg	Sherando High School
Stephens City	Bass Hoover Elementary School
Vaucluse Spring	Sherando High School

D. Red Bud Magisterial District

Precinct	Polling Place
Ash Hollow	Dowell J. Howard Center
Carpers Valley	Senseny Road School
Greenwood	Greenwood Mill Elementary School
Millbrook	Millbrook High School

E. Shawnee Magisterial District

Precinct	Polling Place
Armel	Armel Elementary School
Parkins Mill Precinct	Bowman Library
Shenandoah	Evendale Elementary School
White Oak School	Bowman Library

F. Stonewall Magisterial District

Precinct	Polling Place
Clear Brook	Stonewall Elementary School
Gibson School	Dowell J. Howard Center
Jordan Springs	Jordan Springs Elementary School
Neff's Town	Redbud Run Elementary School
Sunnyside	Apple Pie Ridge Elementary School

§ 7-8 Boundaries.

The boundaries of the respective precincts are as set forth below:

A. Back Creek Magisterial District

- (1) Cedar Creek Precinct. Beginning at the intersection of Middle Road and the boundary between Frederick County and Shenandoah County, proceeding northeast along the centerline of Middle Road until the intersection with Marlboro Road. Thence proceeding west along the centerline of Marlboro Road until arriving at the boundary of the Town of Stephens City. Thence following the boundary of the Town of Stephens City counterclockwise to where it intersects Family Drive. Thence following the centerline of Family Drive southeast until the intersection with Route 11. Thence following the centerline of Route 11 southwest until reaching the intersection with Salem Church Road. Thence follow the centerline of Salem Church Road southeast to the overpass crossing with Interstate 81. Thence following the Interstate 81 southbound lanes to the boundary between Frederick County and Warren County, but excluding the Town of Middletown, which constitutes a separate precinct. Thence following the boundary between Frederick County and Warren County to the point it meets Cedar Creek and the boundary between Frederick County and Shenandoah County. Thence following Cedar Creek and the boundary between Frederick County and Shenandoah County northwest to its intersection with Marlboro Road, arriving at the starting point.
- (2) Gore Precinct. Beginning at the point where Mountain Falls Road meets Cedar Creek at the boundary between Frederick County and Shenandoah County, proceeding southwest along Cedar Creek and the boundary between Frederick County and Shenandoah County. Then departing Cedar Creek and continuing northwest along the boundary between Frederick County and Shenandoah County, until arriving at the boundary between Frederick County and Hardy County, West Virginia. Thence proceeding northeast to the start of the boundary shared between Frederick County and Hampshire County, West Virginia. Thence continuing broadly northeast, following the county boundary, until arriving where Back Creek Road crosses the county border. Thence following the centerline of Back Creek Road north-northeast to the intersection with Gore Road. Thence following the centerline of Gore Road northeast to the intersection with Route 50. Thence following the eastbound lanes of Route 50 east to the intersection with Back Mountain Road. Thence following the centerline of Back Mountain Road southwest, briefly joining Wardensville Grade heading southwest, and then following the centerline of Mountain Falls Road southeast to Cedar Creek and the boundary between Frederick County and Shenandoah County, arriving at the starting point.

- (3) Kernstown Precinct. Beginning at the point where Marlboro Road departs the boundary of the Town of Stephens City, proceeding west along the centerline to the intersection with Middle Road. Thence following the centerline of Middle Road southwest to the intersection with Cedar Creek Grade. Thence following the centerline of Cedar Creek Grade north and then northeast to its intersection with the boundary of the City of Winchester. Thence following the boundary of the City of Winchester to the south until reaching Interstate 81. Thence following the southbound lanes of Interstate 81 to the south until reaching the northernmost boundary of the Town of Stephens City. Thence following the boundary of the Town of Stephens City to the west and south and east again to the point where it intersects Marlboro Road, arriving at the starting point.
- (4) Middletown Precinct. The Middletown Precinct follows exactly the boundaries of the Town of Middletown.
- (5) Russells Precinct. Beginning at the intersection of Middle Road and the boundary between Frederick County and Shenandoah County at Cedar Creek, following that boundary and Cedar Creek generally west to the point where Mountain Falls Road meets Cedar Creek at the boundary between Frederick County and Shenandoah County. Thence following the centerline of Mountain Falls Road northwest, briefly joining Wardensville Grade heading northeast, and then following the centerline of Back Mountain Road northeast to its intersection with Route 50. Thence following the eastbound lanes of Route 50 east to the boundary of the City of Winchester. Thence following the boundary of the City of Winchester south to its intersection with Cedar Creek Grade. Thence following the centerline of Cedar Creek Grade west and then south until it intersects with Middle Road, and thence along the centerline of Middle Road to the boundary between Frederick County and Shenandoah County, arriving at the starting point.

B. Gainesboro Magisterial District.

- (1) Albin Precinct. Beginning the intersection of Apple Pie Ridge Road and Route 522, following the northbound lanes of Route 522 to the north to the point where Route 522 crosses Hogue Creek (a watercourse). Thence following Hogue Creek north to where Hogue Creek joins Back Creek. Thence following Back Creek north until reaching the boundary between Frederick County and Berkeley County, West Virginia, with any islands having no clear dominance by either bank therefore being within the Albin Precinct. Thence following the boundary between Frederick County and Berkeley County, West Virginia southeast to its intersection with Apple Pie Ridge Road. Thence following the centerline of Apple Pie Ridge Road south to its intersection with Route 522, arriving at the starting point.

- (2) Gainesborough Precinct. Beginning at the point where Route 522 crosses Hogue Creek (a watercourse) and proceeding along the northbound lanes of Route 522 to the north, to its intersection with Bloomery Pike. Thence following the centerline of Bloomery Pike west to its intersection with the boundary between Frederick County and Hampshire County, West Virginia. Thence following the boundary of Frederick County and Hampshire County roughly west and then roughly north-northeast to the intersection of boundaries of Hampshire County, West Virginia and Morgan County, West Virginia with Frederick County. Thence following the boundary of Frederick County and Morgan County, West Virginia in a southeasterly direction until it meets Back Creek (a watercourse). Thence following Back Creek south to where Hogue Creek joins it, with any islands having no clear dominance by either bank therefore being within the Albin Precinct. Thence following Hogue Creek south to its crossing by Route 522, arriving at the starting point.
- (3) Nain Precinct. Beginning the overpass where Route 37 crosses over Route 522, thence following Route 37 south to its intersection with Route 50. Thence following the eastbound lanes of Route 50 west to its intersection with North Hayfield Road/South Hayfield Road. Thence following the centerline of North Hayfield Road northeast to the intersection with Gainesboro Road. Thence following the centerline of Gainesboro Road east to its intersection with Route 522. Thence following the northbound lanes of Route 522 south to Route 37, arriving at the starting point.
- (4) Redland Precinct. Beginning the intersection of North Hayfield Road/South Hayfield Road and Route 50 and thence following the eastbound lanes of Route 50 west to its intersection with Gore Road. Thence following the centerline of Gore Road southwest to its intersection with Back Creek Road. Thence following the centerline of Back Creek Road south-southwest to the boundary between Frederick County and Hampshire County, West Virginia. Thence following the boundary of Frederick County and Hampshire County roughly west and then roughly north-northeast to the intersection with Bloomery Pike. Thence following the centerline of Bloomery Pike east to its intersection with Route 522. Thence following the northbound lanes of Route 522 south to its intersection with Gainesboro Road. Thence following the centerline of Gainesboro Road west until its intersection with North Hayfield Road. Thence following the centerline of North Hayfield Road southwest until reaching Route 50, arriving at the starting point.
- (5) White Hall Precinct. Beginning at the point where Route 37 intersects Route 522, following the northbound lanes of Route 522 north to the

intersection with Apple Pie Ridge Road. Thence following the centerline of Apple Pie Ridge Road north to its intersection with the boundary between Frederick County and Berkeley County, West Virginia. Thence following the boundary of Frederick County and Berkeley County, West Virginia in a southeasterly direction to the intersection with the Interstate 81 southbound lanes. Thence following the southbound lanes of Interstate 81 south-southwest to the overpass crossing at Rest Church Road. Thence following along the centerline of Rest Church Road west and south to the intersection with Welltown Road. Thence following the centerline of Welltown Road south to the intersection with the southbound lanes of Route 11. Thence following the southbound lanes of Route 11 southwest until the intersection with Route 37, and then proceeding along Route 37 south to the crossing with Route 522, arriving at the starting point.

C. Opequon Magisterial District.

- (1) Aylor Precinct. Beginning at the intersection of Route 277 and Warrior Drive, following the centerline of Warrior Drive northeast to the intersection with Tasker Road. Thence following the centerline of Tasker Road east to the intersection with White Oak Road. Thence following the centerline of White Oak Road southwest to the intersection with Route 277. Thence following the centerline of Route 277 west to the intersection with Warrior Drive, arriving at the starting point.
- (2) Bass-Hoover Precinct. Beginning at the intersection of Warrior Drive and Route 277, following the centerline of Route 277 west to the intersection with Interstate 81. Thence following the Interstate 81 southbound lanes north to the point where the interstate crosses Opequon Creek (watercourse). Thence following Opequon Creek briefly to the east, where it passes beneath Tasker Road. Thence following the centerline of Tasker Road southeast to the intersection with Aylor Road. Thence following the centerline of Aylor Road southwest to the intersection with Caroline Avenue. Thence following the centerline of Caroline Avenue to Fredericktowne Drive. Thence following the centerline of Fredericktowne Drive to the intersection with Westmoreland Drive. Thence following the centerline of Westmoreland Drive to the intersection with Churchill Drive. Thence following the centerline of Churchill Drive to the intersection with Warrior Drive. Thence following the centerline of Warrior Drive southwest to the intersection with Route 277, arriving at the starting point.
- (3) Canterburg Precinct. Beginning at the point where Double Church Road intersects the boundary between Frederick County and Warren County, following the centerline of Double Church Road northwest to the intersection with Route 277. Thence following the centerline of Route 277 east until it crosses the boundary between Frederick County and Clarke

County. Thence following the boundary between Frederick County and Clarke County south-southwest, and then the boundary between Frederick County and Warren County, until turning west-southwest and following the boundary between Frederick County and Warren County to the intersection of Double Church Road, arriving at the starting point.

- (4) Stephens City Precinct. The Newtown Precinct follows exactly the boundaries of the Town of Stephens City.
- (5) Vaucluse Spring Precinct. Beginning at the point where Interstate 81 crosses the boundary between Frederick County and Warren County, following the southbound lanes of Interstate 81 south to the intersection with Salem Church Road. Thence following the centerline of Salem Church Road west to the intersection with Route 11. Thence following the centerline of Route 11 north to the intersection with Family Drive. Thence following the centerline of Family Drive northwest to where Family Drive meets the boundary of the Town of Stephens City. Thence following the boundary of the Town of Stephens City counterclockwise to the point where it meets Interstate 81. Thence following the Interstate 81 southbound lanes north to the intersection with Route 277. Thence following the centerline of Route 277 east to the intersection with Double Church Road. Thence following the centerline of Double Church Road southeast to the boundary between Frederick County and Warren County. Thence following the boundary between Frederick County and Warren County west-southwest to its intersection Interstate 81, arriving at the starting point.

D. Redbud Magisterial District.

- (1) Ash Hollow Precinct. Beginning at the intersection of Senseny Road and Greenwood Road, following the centerline of Senseny Road west to its intersection with Interstate 81. Thence following the southbound lanes of Interstate 81 northeast to the intersection with Route 7. Thence following the westbound lanes of Route 7 east to the intersection with Valley Mill Road. Thence following the centerline of Valley Mill Road southeast to the intersection with Greenwood Road. Thence following the centerline of Greenwood Road south-southwest to the intersection with Senseny Road, arriving at the starting point.
- (2) Carpers Valley Precinct. Beginning at the intersection of Greenwood Road and Senseny Road, following the centerline of Senseny Road east until reaching the boundary between Frederick County and Clarke County. Thence following the boundary between Frederick County and Clarke County in a southerly direction, arriving at the intersection with Route 50. Thence following the Route 50 eastbound lanes northwest to the

intersection with Airport Road. Thence following the centerline of Airport Road northwest to the intersection with Victory Road. Thence following the centerline of Victory Road north to the intersection with Route 50. Thence following the Route 50 eastbound lanes west to the intersection with Sulphur Spring Road. Thence following the centerline of Sulphur Spring Road east to the intersection with Greenwood Road. Thence following the centerline of Greenwood Road north to the intersection with Senseny Road, arriving at the starting point.

(3) Greenwood Precinct. Beginning at the intersection of Senseny Road and Greenwood Road, following the centerline of Greenwood Road north-northeast until the intersection with Woodrow Road. Thence following the centerline of Woodrow Road southeast to its intersection with Charlton Road. Thence following the centerline of Charlton Road northeast to its intersection with Nassau Drive. Thence following the centerline of Nassau Drive southeast to its intersection with Channing Drive. Thence following the centerline of Channing Drive north to its intersection with Valley Mill Road. Thence following Valley Mill Road east to its intersection with Route 7. Thence following the westbound lanes of Route 7 east to its intersection with the boundary between Frederick County and Clarke County. Thence following the boundary between Frederick County and Clarke County in a southerly direction, arriving at the intersection with Senseny Road. Thence following the centerline of Senseny Road west to its intersection with Greenwood Road, arriving at the starting point.

(4) Millbrook Precinct. Beginning at the intersection of Valley Mill Road and Route 7, following the centerline of Valley Mill Road southwest to its intersection with Channing Drive. Thence following the centerline of Channing Drive south to its intersection with Nassau Drive. Thence following the centerline of Nassau Drive northwest to its intersection with Charlton Road. Thence following the centerline of Charlton Road southwest to its intersection with Woodrow Road. Thence following the centerline of Woodrow Road northwest to its intersection with Greenwood Road. Thence following the centerline of Greenwood Road north to its intersection with Valley Mill Road. Thence following the centerline of Valley Mill Road northwest to its intersection with Route 7. Thence following the westbound lanes of Route 7 east to its original intersection with Valley Mill Road, arriving at the starting point.

E. Shawnee Magisterial District.

(1) Armel Precinct. Beginning at the point where Route 277 intersects with the boundary between Frederick County and Clarke County, following west along the centerline of Route 277 to the intersection with White Oak Road. Thence following the centerline of White Oak Road northeast to its

intersection with Tasker Road. Thence following the centerline of Tasker Road west to its intersection with Warrior Drive. Thence following the centerline of Warrior Drive northeast to its intersection with Talamore Drive. Thence following the centerline of Talamore Drive east until it crosses the gully of the unnamed watercourse that runs roughly parallel to Auburn Hill Court, and which is ultimately a tributary of Opequon Creek (watercourse). Thence following said watercourse northeast to where Route 522 crosses it. Thence following along the southbound lanes of Route 522 north to the intersection with West Parkins Mill Road. Thence following the centerline of West Parkins Mill Road east to its intersection with Route 50. Thence following the eastbound lanes of Route 50 east until arriving at the boundary between Frederick County and Clarke County. Thence following the boundary between Frederick County and Clarke County south to its intersection with Route 277, arriving at the starting point.

- (2) Parkins Mill Precinct. Beginning at the intersection of Aylor Road and Tasker Road, following Tasker Road northwest, to the place where Opequon Creek (watercourse) crosses beneath Tasker Road. Thence following Opequon Creek west to the place where it passes beneath Interstate 81. Thence following the Interstate 81 southbound lanes north, until intersecting with Route 50. Thence following the Route 50 eastbound lanes east to the intersection with Route 522. Thence following the southbound lanes of Route 522 southeast, to the point where Route 522 crosses the gully of the unnamed tributary watercourse that joins Opequon Creek. Thence following said watercourse southwest, continuing along the more northerly of the two paths where the tributary forks, until meeting Lakeside Drive. Thence following the centerline of Lakeside Drive southwest to the intersection with Oak Ridge Drive. Thence following the centerline of Oak Ridge Drive to the intersection with Tasker Road and Aylor Road. arriving at the starting point.
- (3) Shenandoah Precinct. Beginning at the intersection of West Parkins Mill Road and Route 522, thence following the southbound lanes of Route 522 north to the intersection with Route 50. Thence following the Route 50 eastbound lanes west to the intersection with Interstate 81. Thence following the Interstate 81 southbound lanes north to its intersection with Senseny Road. Thence following the centerline of Senseny Road east to its intersection with Greenwood Road. Thence following the centerline of Greenwood Road south to the intersection with Sulphur Spring Road. Thence following the centerline of Sulphur Spring Road west to the intersection with Route 50. Thence following the eastbound lanes of Route 50 east to the intersection with Victory Road. Thence following the centerline of Victory Road south to the intersection with Airport Road.

Thence following the centerline of Airport Road southeast to the intersection with Route 50. Thence following the eastbound lanes of Route 50 southeast to its intersection with West Parkins Mill Road. Thence following the centerline of West Parkins Mill Road to its intersection with Route 522, arriving at the starting point.

- (4) White Oak School Precinct. Beginning at the intersection of Warrior Drive and Talamore Drive, following the centerline of Warrior Drive southwest to its intersection with Churchill Drive. Thence following the centerline of Churchill Drive briefly to the intersection with Westmoreland Drive. Thence following the centerline of Westmoreland Drive west to the intersection with Fredericktowne Drive. Thence following the centerline of Fredericktowne Drive north to the intersection with Caroline Avenue. Thence following the centerline of Caroline Avenue north to the intersection with Aylor Road. Thence following the centerline of Aylor Road northeast through the intersection with Tasker Road, continuing as Aylor Road becomes Oak Ridge Drive, to the intersection with Lakeside Drive. Thence following the centerline of Lakeside Drive northeast until it meets the gully of an unnamed watercourse that is ultimately a tributary of Opequon Creek. Thence following said watercourse northeast to where it is joined from the south by a second unnamed tributary, and then following that second unnamed tributary southwest until it reaches Talamore Drive. Thence along the centerline of Talamore Drive west to its intersection with Warrior Drive, arriving at the starting point.

F. Stonewall Magisterial District.

- (1) Clear Brook Precinct. Beginning at the intersection of Welltown Road and Route 11, following the centerline of Welltown Road north to the intersection with Rest Church Road. Thence following the centerline of Rest Church Road north and east to its intersection with Interstate 81. Thence following the southbound lanes Interstate 81 north to the intersection with the boundary between Frederick County and Berkeley County, West Virginia. Thence following the boundary between Frederick County and Berkeley County, West Virginia southeast, until reaching the intersection between Berkeley County and Jefferson County in West Virginia, and Frederick County and Clarke County in Virginia. Thence following in a southerly direction along the boundary between Clarke County and Frederick County, along Opequon Creek, following the boundary of Clarke County, to the point where High Banks Road abuts the banks of Opequon Creek. Thence following the centerline of High Banks Road northwest to its intersection with Jordan Springs Road. Thence following the centerline of Jordan Springs Road north and northwest to its intersection with Old Charles Town Road. Thence following the centerline

of Old Charles Town Road west to its intersection with Route 11. Thence following the centerline of Route 11 southwest to its intersection with Welltown Road, arriving at the starting point.

- (2) Gibson School Precinct. Beginning at the intersection of Route 11 and the boundary of the City of Winchester, following the centerline of Route 11 north-northeast to the point that Route 37 joins Route 11, and continuing to follow the centerline of Route 11 north-northeast to its intersection with Interstate 81. Thence following the southbound lanes of Interstate 81 south to the intersection with Route 7 and the boundary with the City of Winchester. Thence following the boundary of the City of Winchester west-northwest to its intersection with Route 11, arriving at the starting point.
- (3) Jordan Springs Precinct. Beginning at the intersection of Morgan Mill Road and Route 7, following the centerline of Morgan Mill Road north to its intersection with Redbud Road. Thence following the centerline of Redbud Road northwest to its intersection with Milburn Road. Thence following the centerline of Milburn Road north to its intersection with Old Charles Town Road. Thence following the centerline of Old Charles Town Road east, and then continuing onto Jordan Springs Road and following the centerline southwest and west to its intersection with High Banks Road. Thence following the centerline of High Banks Road southeast, to the point where it abuts the banks of Opequon Creek and the boundary between Frederick County and Clarke County. Thence following Opequon Creek and the boundary with Clarke County south to the intersection with Route 7. Thence following the westbound lanes of Route 7 to the intersection with Morgan Mill Road, arriving at the starting point.
- (4) Neff's Town Precinct. Beginning at the intersection of Interstate 81 and Route 7, following the southbound lanes of Interstate 81 north to the overpass crossing above Route 11. Thence following the centerline of Route 11 northeast to its intersection with Old Charles Town Road. Thence following the centerline of Old Charles Town Road east to its intersection with Milburn Road. Thence along the centerline of Milburn Road south to its intersection with Redbud Road. Thence following the centerline of Redbud Road southeast to its intersection with Morgan Mill Road. Thence following the centerline of Morgan Mill Road south to its intersection with Route 7. Thence following the westbound lanes of Route 7 to the intersection with Interstate 81, arriving at the starting point.
- (5) Sunnyside Precinct. Beginning at the point where Route 11 meets the boundary of the City of Winchester and following west along the boundary with the City of Winchester until arriving at the point at which it abuts Route 37. Thence crossing Route 37 and following north along

southbound lanes of Route 37 to the point at which Route 37 joins Route 11. Thence following the centerline of Route 11 south to the point at which it meets the boundary with the City of Winchester, arriving at the starting point.

§ 7-9 Changes in precinct or polling place.

The Secretary of the Electoral Board shall notify by mail, no later than 15 days prior to the next general, special, or primary election, all registered voters whose precinct or polling place has been changed by the provisions of this article.

From: spit750@everyactioncustom.com on behalf of [Robert Tuleya](#)
To: [Redistricting](#)
Subject: REDISTRICTING: Written Comment
Date: Wednesday, November 24, 2021 8:31:38 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Dear Clerk of the Supreme Court of VA Muriel-Theresa Pitney,

I am submitting this written comment in regards to the redistricting process currently underway. Please make all districts consistent with present geographical and governmental boundaries such as counties and neighborhoods. Our present state and federal districts are discontinuous. Our local civic league area is composed of two separate Va delegate districts!

Sincerely,
Robert Tuleya
550 Nansemond Cres Portsmouth, VA 23707-1135
spit750@aol.com

From: [Megan Rhyne](#)
To: [Redistricting](#)
Subject: Rules and Procedures for Implementing the Requirements of Article II, Section 6-A
Date: Wednesday, November 24, 2021 11:11:39 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Good morning --

The Virginia Coalition for Open Government — a non-partisan, nonprofit alliance that works to forward the public's right to know — writes to urge the Supreme Court of Virginia to immediately provide a modernized document management system for receiving and cataloguing public comment on the redistricting process to replace the current sporadically updated single PDF document now in use.

Many models for providing indexed, automatically updated document repositories already exist: From free or low-cost services like shared a folder on [Google Drive](#), [Dropbox](#), [Sync](#), [Evernote](#), [Scribd](#), and others, to more sophisticated applications like those already in use by [Virginia's Regulatory Town Hall](#).

These systems and others like them provide an easy-to-follow timeline of who has submitted comments and when, making it much more useful to citizens to zero in on comments of importance to them, without the endless scrolling of [the current single-PDF system](#).

Further, the current approach being employed on the Supreme Court's website is one that must be manually updated, and -- based at least on today's schedule -- not on a consistent or timely basis. As of today, Nov. 24 at 11 a.m., 25 hours have passed since the last update (Nov. 24 at 10 a.m.), leaving the public to wonder whether anyone has submitted comments at all, much less knowing whether a response to those comments is warranted.

This is uncharted territory, and it is understandable that some things must be created and tweaked on the fly. This happened when the pandemic began and the Virginia Department of Health had to continually adapted its system to provide as much timely information as it could and to be responsive to the public's requests for additional information and/or different ways of presenting it.

The redistricting process has a finite window in which to operate. There is no time to waste. It is imperative that the public and the press has up-to-date and easily parsed information about who has submitted comments and when.

There is intense public interest in the process. Please dedicate time and resources immediately to ensure easy access to maximize transparency during that process.

Very truly yours,
Megan Rhyne

Megan Rhyne

Virginia Coalition for Open Government, Executive Director

P.O. Box 2576

Williamsburg VA 23187

540-353-8264

www.opengovva.org

From: clark@polidata.org
To: [Redistricting](#)
Subject: Rules and Procedures for Implementing the Requirements of Article II, Section 6-A: Public Comment on Data
Date: Wednesday, November 24, 2021 11:48:54 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

The following comment is submitted pursuant to the Rules and Procedures for Implementing the Requirements of Article II, Section 6-A with respect to the redistricting of the Virginia General Assembly.

Introduction:

This note is to assist the map drafters retained by the Court to understand one important limitation of the political data, i.e., election results, produced by the Virginia Department of Legislative Services (DLS).

Presumably, DLS will be developing these datasets, as I believe they did for the recent commission process.

It was during the commission process, where I assisted the Republican line drawer and counsel in running statistical reports, that this shortcoming of the results was noted. These election results had a problem: they did not include all votes cast as they were frequently, and inconsistently, missing centrally reported absentee, and/or early-in-person votes.

While several states have, throughout the previous decade, redirected such non-precinct votes to the registration precinct for tabulation, Virginia is not one of these states, at least not for statewide offices.

Discussion:

The lack of absentee votes was a relatively minor issue for some elections during the commission process because the number of such votes was not a very large percentage of the overall vote for the state.

For example, for both the 2013 and 2017 races for Governor, such non-precinct votes were less than 10% of the statewide vote.

However, for the recent 2021 election these non-precinct votes were more than a third (36.4%) of all votes cast.

Moreover, the partisan break of these non-precinct votes differs substantially from the break of votes cast at the polls.

Reviewing the data released by the Virginia Department of State (DOS) following the November 15 certification results in the following summary.

The partisan break for all votes cast for Governor was 48.6 %Dem to 50.5 %Rep (as a percentage of all votes).

For the poll vote, the break was 42.4 %Dem to 56.7 %Rep;

for the non-precinct vote, the break was 59.4 %Dem to 39.8 %Rep.

Clearly, ignoring these non-precinct votes may skew the results for any review of partisan indicators for any proposed plans.

Alternative Data:

A related problem is that the data provided by the Department of State, albeit the official certified data, does not, apparently, include the best available data. A recent news item (see <https://www.vpap.org/visuals/visual/fairfax-county-results-legislative-district/>) indicates that Fairfax County did redirect votes to registration precincts. Alas, the data for Fairfax County provided by the Department of State does not.

For example, the VPAP.org website indicates that Fairfax County's vote system has the votes for Governor in House of Delegates district 35 as:

McAuliffe: (Democrat) 23,791, 67.3%;

Youngkin: (Republican) 11,350, 32.1%;

Blanding: (Liberation Party) 176, 0.5%; a total of 35,317 votes,

Yet, the votes, as tabulated for this district in the DOS file, are

McAuliffe: (Democrat) 12,121, 60.5%,

Youngkin: (Republican) 7,776, 39.8%,

Blanding: (Liberation Party) 136, 0.6%, a total of 20,033 votes.

The unaccounted for 15,284 votes are commingled with other non-precinct votes for the county.

(See

<https://results.elections.virginia.gov/vaelections/2021%20November%20General/Site/Statewide.html>).

Summary:

Stakeholders interested in this process will likely devise their own means by which they can incorporate these absentee votes into their own analysis; something that time did not allow during the fast-paced commission process. It is unclear exactly how much time is to be allocated to the court's experts to work on these plans but, because rectifying this situation with respect to these missing votes will take some time, it seemed important to simply alert the court and their experts as they sift through the numerous tasks before them.

Sincerely,

Clark Bensen, Polidata LLC

POLIDATA ® Political Data Analysis | <https://polidata.org/> | Distillers of Official Data ® since 1974
Clark Bensen | POLIDATA LLC | Tel: 703-690-4066 | eFax: 202-318-0793 | clark@polidata.org

From: [Rebecca Hanmer](#)
To: [Redistricting](#)
Subject: Keep the City of Fredericksburg intact
Date: Wednesday, November 24, 2021 3:00:16 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

I am writing you on behalf of myself and 10 other Fredericksburg residents (named below) to repeat the comments which we offered on July 27, 2021, to the Redistricting Commission. We urge the Court to make the City of Fredericksburg one voting district for the Virginia House of Delegates, the Virginia Senate and the U.S. House of Representatives.

Fredericksburg is a distinct community of interest. Here are elements that make it so:

- We are a relatively small city, and our City government is not remote from us. There is a shared civic culture.
- We have our river and our riverfront, shared by all. We take pride in, and work to preserve, our distinctive environment..
- We have our university, and there is a real sense of shared community between the University of Mary Washington and the City.
- We have our shared history. Not everyone agrees on how to interpret that history, but it's a presence in our lives today--as an attraction for business and tourism, a source of interest and learning, and of scenery and recreational opportunities.

This small community of interest should not be split between districts. Please keep the City of Fredericksburg intact as you establish the new voting district boundaries. Thank you for your essential service.

From the following residents of the City of Fredericksburg: Rebecca Hanmer, 138 Caroline Street; Frank and Maureen Widic, 119 Caroline Street; Paula Chow and Ed Sandtner, 132 Caroline Street; Constance Smith, 143 Longstreet Avenue; Katherine Pecka, 227 Charles Street; Anne and Carl Little, 726 William Street; Ann and Steve Jurczyk, 1434 Buckner Street

From: [Roger Dadiomoff](#)
To: [Redistricting](#)
Cc: [Whitney LaJaunie](#)
Subject: redistricting
Date: Wednesday, November 24, 2021 4:28:15 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

To whom it may concern,

I understand a proposal is being floated to redistrict placing Williamsburg and the historic district with the Eastern Shore and Virginia Beach. Doing so is a flagrant attempt to change the representation of those areas (in which I live).

Anyone looking at a map would easily conclude that combining those geographic areas makes no sense, unless there is an underlying political move that is working towards undermining the will of the voters in those areas.

I most strongly reject this attempt and hope we can hold those who are propagating it accountable.

Commander R.S. Dadiomoff
US Navy (ret)

From: [Neal Sumerlin](#)
To: [Redistricting](#)
Subject: City of Lynchburg
Date: Thursday, November 25, 2021 8:11:02 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

I urge the Special Masters to restore Lynchburg to the single legislative districts in which it was found before 2011. Our city is a single community of interest, but it is currently split between two House of Delegates districts and two Senate districts. Because of the unusual way that Virginia allows totally separate jurisdictions for independent cities and the counties that surround them, the interests and concerns of Lynchburg and its contiguous counties diverge more often than they align.

The argument is sometimes made that having four legislators in Richmond and not just two gives Lynchburg extra clout. That doesn't really hold up when you look at the numbers. In House District 22 for example, Lynchburg citizens comprise roughly a quarter of the district's total population. In a House district that included all of Lynchburg, our citizens would make up nearly all of that district's constituents. The elected representative would of necessity represent those constituents more strongly.

Senate districts are of course larger. But in Senate District 23, Lynchburg represents less than a fifth of the total population. Putting our city in a single district would bump that figure up to more than 35%--again, increasing our influence and more closely reflecting our interests in Richmond.

The current map is a historical anomaly. I ask that you restore Lynchburg as a single community of interest.

Neal Sumerlin
Lynchburg

From: [Chuck Coleman](#)
To: [Redistricting](#)
Subject: Redistricting Comment
Date: Friday, November 26, 2021 12:42:01 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

ATTN: Clerk of the Supreme Court of Virginia

Per the Rules and Procedures for Implementing the Requirements of Article II, Section 6-A, I would like to submit a comment regarding Virginia's redistricting.

This comment is in regard to the interpretation of Code of Virginia, § 24.2-304.04. Standards and criteria for congressional and state legislative districts, paragraph 7: "A map of districts shall not, when considered on a statewide basis, unduly favor or disfavor any political party." I would like to offer an interpretation, based on the work done by the Duke Quantifying Gerrymandering Project: <https://sites.duke.edu/quantifyinggerrymandering/>.
1. The districts of every redistricting map should be responsive in that, as the proportion of votes received by one party increases, its number of seats increases. 2. There should be no firewall, a supermajority share of the vote such that only when a minority party that receives this vote does it receive a majority of seats of the body for which the map has been created.

I further suggest that that any proposed reapportionment's districts' partisanship be compared to those of an ensemble of maps created to satisfy the criteria of Code of Virginia, § 24.2-304.04. The above mentioned Quantifying Gerrymandering site has several examples of how this can be done.

Respectfully Yours,
Charles Coleman
5811 Governors View Ln.
Alexandria, VA 22310
chuckcoleman@yahoo.com

Thomas M. Strassburg
735 Lochridge Lane
Earlysville, Virginia 22936

November 26, 2021

Ms. Muriel Theresa Pitney, Clerk of Court
Supreme Court of Virginia
100 North Ninth Street
Richmond, Virginia 23219

via email

Dear Ms. Pitney:

I am writing to comment on Virginia redistricting in accordance with the Rules and Procedures for Implementing the Requirements of Article II, Section 6-A of the Constitution of Virginia. My comment is as follows:

According to the Virginia Code, "Districts shall be drawn to preserve communities of interest." I live in an area with rural zoning. While I do not live on a farm, there is one just up the road, and there is a vineyard just beyond that. To lump my area in with the Charlottesville urban ring is just wrong and is inconsistent with the statute I quoted.

Thank you for considering my comment.

Sincerely,

A handwritten signature in black ink, appearing to read "Thomas M. Strassburg", with a stylized, flowing script.

Thomas M. Strassburg

From: [Alan Veeck](#)
To: [Redistricting](#)
Subject: Redistricting
Date: Friday, November 26, 2021 4:20:49 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

To the Supreme Court of Virginia:

I am a resident of Mecklenburg County and I write to request that the Supreme Court decline to approve any final map that splits our county. Mecklenburg is not an exceptionally populous county like Fairfax or other places in Northern Virginia, so there is no rational reason it should need to be divided. It could easily be included in a single district, and I would have serious questions about the rationale if it is not.

Al Veeck
129 Boyd Dr.
Bracey, VA 23919

“From nothing, nothing comes.”
—Parmenides

Sent from my iPad
Send from my Android

From: [James Poplar](#)
To: [Redistricting](#)
Cc: jropolar@shentel.net
Subject: Public Comment on VA Proposed Redistricting.
Date: Saturday, November 27, 2021 9:33:32 PM

EXTERNAL EMAIL

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Good Evening,

As a longtime resident of the Commonwealth of Virginia and as a thirty-year veteran of the United States Navy I would like to offer my input concerning the proposed reallocation prisoners to their last-known address for redistricting. From my perspective this does not make fiscal sense nor is in keeping with the spirit or intent of a representative democracy envisioned by our Founding Fathers .

Nevada is one of eleven states that reallocates inmates to their pre-prison addresses during redistricting. State law requires prison officials "compile the last known residential address of each offender immediately before the offender was sentenced" and send the information to the state demographer -- the process has proven to be cumbersome and ineffective. It simply does not work.

For the duration of their confinement these individuals that are incarcerated they are physically present in a different community than their last know address and thus the people who live in that community support the institution in which they are housed through both property and sales taxes. Those districts where prisons are located would receive less aid from the state if this change would take effect.

I highly recommend that this change not be implemented in our fair state.

Best Regards,

James R Poplar III

CAPT USN(ret)

Quicksburg VA 22847

From: [Niro Rasanayagam](#)
To: [Redistricting](#)
Subject: Keep City of Lynchburg whole as ONE community of interest in ALL maps
Date: Sunday, November 28, 2021 12:46:36 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Dear Dr. Grofman and Mr. Trende, Special Masters for VA Redistricting,

I am an 18-year resident of the City of Lynchburg and I urge you to please do the following as you re-draw Virginia's state House, Senate, and Congressional House districts:

- 1) Please carefully review and consider the written and verbal citizen input the VA Redistricting Commission has received since last July through emails, letters, and public hearings. This feedback from Virginia residents should inform ALL your decisions on maps.
- 2) I trust that you will do #1 above thoroughly and therefore, I will not re-state the details of my prior feedback to the commission here. However I will reiterate the gist of my prior feedback: I implore you to please keep the City of Lynchburg, with a population size of about 80,000, residents, as ONE COMMUNITY OF INTEREST as you draw all our maps.
- 3) Simply put, for all practical purposes, the City of Lynchburg is a small urban city with urban needs and urban issues, and it must be represented by legislators who understand and want to serve this urban profile of strengths and challenges, and Lynchburg's unique set of social, cultural and economic interests. For this reason, please keep Lynchburg WHOLE within ONE state House district and ONE state Senate district.
- 4) Given the size of our city and its population profile, I also urge you to please keep Lynchburg intact within ONE Congressional House district. (The last iteration of Congressional House maps from the Redistricting

commission released in October had most of Lynchburg with the 6th Congressional House district, and a small sliver of two precincts, mainly a predominantly African-American area, appended on to the 5th Congressional House district. Please know that this racial gerrymander will NOT do!).

Thank you for keeping Lynchburg intact as the one community of interest that we are in ALL maps.

Sincerely,

Niro Rasanayagam
Lynchburg, VA

From: [Eileen Barthelmy](#)
To: [Redistricting](#)
Subject: Virginia Redistricting Public Comments
Date: Sunday, November 28, 2021 4:45:08 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

November 28, 2021

Dear Clerk of the Supreme Court of Virginia:

Per the Rules and Procedures for Implementing the Requirements Article II, Section 6-A I am submitting this letter.

Thank you to the Justices of the Supreme Court of Virginia for insisting on appropriate people to act as special masters in the redistricting process.

I supported the legislation and Constitutional amendment that established the current re-districting process and was proud that Virginians voted for a fair process that avoided gerrymandered districts. The abject failure of the Virginia Redistricting Commission was a betrayal of Virginia's residents. I respectfully urge the Supreme Court to continue its work in the same fair manner it has shown with selection of the special masters as spelled out in the law.

With respect to Powhatan County, where I reside, some of the draft maps have, I believe erroneously, included Powhatan in districts that border North Carolina and include only counties that are nearly totally rural. While Powhatan is rural, it is not strictly so and, along with Goochland County, is contiguous to Richmond suburbs and shares important economic and transportation interests. While Powhatan residents support our county's businesses, many people travel east to work, dine and recreate; not many travel south.

Respectfully,

Eileen Barthelmy

From: [Magnus, Chris](#)
To: [Redistricting](#)
Subject: Albemarle
Date: Monday, November 29, 2021 3:48:10 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

To Whom It May Concern,

My name is Chris Magnus. I am a resident of Albemarle County, Virginia. Pursuant to Rule 4 under the Rules and Procedures for Implementing the Requirements of Article II, Section 6-A of the Constitution of Virginia, I am submitting my comments to you regarding redistricting. House of Delegates Map: Please keep Albemarle County as unified as possible to maintain our community of interest and allow us to live in fair, compact House of Delegates Districts. Specifically, please include us in only 2 House Districts. One District should be Charlottesville and some portion of Albemarle. The second District should be the rest of Albemarle and our neighbor to the south, Nelson County, with whom we share a community of interest. This would be a fair treatment of our county.

Unfortunately, for the past decade the people of Albemarle County have been fractured across 4 House Districts. This divides neighborhoods, separates families and friends, sows confusion among residents, breeds apathy, dilutes our ability to participate in the political process, and muzzles the voices of the people in state-level government. You can keep Albemarle County in 2 Districts in the way I have described above by doing something the Redistricting Commission was not able to do: compromise. Specifically, a compromise between proposed maps A7 and B6 offers a path forward for a fair treatment of Albemarle County. One negative aspect of Map A7 is that it slices Albemarle into 3 Districts. This would lead to the same negative results that we experience under the current map. That is simply not acceptable. In contrast, Map B6 keeps Albemarle in 2 compact Districts, thereby maintaining our community of interest. This is much better for the people here. However, Map B6 draws Albemarle County in with a piece of Augusta County. GOP Commissioners specifically objected to this proposal because there are mountains between Augusta and Albemarle. To address that concern directly, we can look to Map A7, which combines Nelson County with Albemarle County. This solution has the benefit that Nelson County has roughly the same population as the portion of Augusta County included with Albemarle under Map B6. Thus, it should be a relatively easy fix in terms of map drawing. In sum, dividing Albemarle County into any more than 2 Districts would be a betrayal of the people here. Please draw a fair map for our area by keeping us into the 2 Districts I have described.

Congressional Map: With regard to the Congressional Map, our area is currently in the heavily gerrymandered, non-compact 5th District. The Congressional maps proposed by the GOP members of the Redistricting Commission were unfortunately egregious partisan

gerrymanders. Please proceed in good faith in ensuring that we have an opportunity to choose our Representative in a compact, fairly-drawn District that maintains communities of interest and rejects bad faith partisan efforts to gerrymander us for another decade.

Thank you.

Christopher Magnus

Albemarle County, Virginia

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Clerk of the Supreme Court of Virginia c/o Redistricting Special Masters
Supreme Court of Virginia
P.O. Box 1315
100 North Ninth Street, 5th Floor
Richmond, VA 23219
redistricting@vacourts.gov

November 29, 2021

Dear Special Masters Grofman and Trende:

I submit this letter on behalf of the Sikh American Legal Defense and Education Fund (SALDEF). We thank you for the opportunity to provide comments on the issues that you should take into consideration as you complete the task for which you have been appointed. Specifically, we share our concern about the way the maps could impact AAPIs, other communities of color, immigrant communities, and other communities of interest. Any maps you submit to the Supreme Court of Virginia should not sacrifice the integrity of communities of interest, as defined by identical bills SB717/HB1255 passed into Virginia law in 2020 as well as the federal Voting Rights Act, in favor of compactness or other political consideration.

SALDEF is a national Sikh American media, policy, and education organization based in Washington, DC. Founded in 1996, SALDEF's mission is to empower Sikh Americans by building dialogue, deepening understanding, promoting civic and political participation, and upholding social justice and religious freedom for all Americans.

Given our longstanding presence in the DC/Maryland/Virginia area, and deep relationships with our fellow local advocacy organizations, SALDEF is strongly positioned to advocate for South Asian and broader AAPI communities of interest in Virginia in the redistricting process. In fact, it is on those terms that we engaged with a coalition of advocacy

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organizations and constituents across Virginia to produce a unity map, submitted by the Virginia Counts Coalition for your consideration. It is our hope that you draw insights from the coalition's work and outreach into diverse communities to prevent the dilution of and division of communities of interest in Virginia, thereby undoing much of the progress those communities have made since the most recent redistricting process in 2011.

Asian Americans and Pacific Islanders in Virginia

Per the 2020 U.S. Census, seven percent of all Virginia residents identify as AAPI, with heavy concentration in northeast Virginia.¹ The population of NoVA continues to grow much faster than the population of the rest of the commonwealth, and AAPI residents are a key pillar in that trend.² Three counties have AAPI populations of at least ten percent. Fairfax and Loudoun counties exceed 20% AAPI. Arlington is around 11% AAPI; between the 2010 and 2020 Censuses, self-identifying Asians were the largest growing group in Arlington County.³ Prince William and Henrico counties both have AAPI populations around 9% of their total population. Montgomery, York, and Albemarle counties have at least 5% AAPI residents. Among independent cities, very high concentrations of AAPI residents occur in Fairfax (17%), Manassas Park (10.8%), and Falls Church (10.1%). These localities are areas of focus for SALDEF's activities in Virginia, not just because they are among the largest in the state. These counties tend to elect the representatives who have begun to create an AAPI imprint in the Virginia Assembly - including the very recently formed Asian American and Pacific Islander

¹

<https://www.census.gov/library/stories/state-by-state/virginia-population-change-between-census-decade.html>

²

<https://www.tysonsreporter.com/2021/08/13/fairfax-county-now-virginias-second-most-diverse-county-new-census-data-shows/>

³

https://www.insidenova.com/news/arlington/census-bureau-asians-make-biggest-gains-in-arlington-population/article_d6b11234-25eb-11ec-b4bf-bb55cd871233.html

Caucus. Empowering these representatives is critical to the elusive dream of moving Asian Americans in Virginia beyond the ‘underrepresented’ label.

Proportional representation has never been attained by Asian Americans and Pacific Islanders in Virginia. Per our partners at APIAVote, Asian American voters now constitute 7.8% of the Virginian electorate.⁴ For truly proportional representation, approximately 11 members of the General Assembly should identify as AAPI across the two houses. Today, the number stands at less than half of that. This state of play persists despite the 112% growth rate the AAPI community has posted in Virginia since 2000, and is a persistent area of concern for SALDEF and for our AAPI partners.

Compounding the lack of representation is the lack of language access for AAPI Virginian voters: per APIAVote, 76% of Asian Americans in Virginia speak a language other than English at home, and 38% of that group speak English less than “very well.” SALDEF is one of many signatories to a separate letter to the Supreme Court of Virginia’s public comment address highlighting the English-only redistricting website, lack of interpretation services for languages beyond Spanish, and systemic minimization of the testimony of Virginians using translators. These problems are not new for the AAPI community, and it is disappointing that we continue to be overlooked.

The phenomenon of AAPI voters being ignored despite their increasing electoral influence extends beyond language access services and includes the national political apparatus, both parties and media. The AAPI vote surged across the country in 2020, with a 47% increase in voting among our communities from 2016 compared to an overall average increase of just 12%, per Targetsmart.⁵ This spike in engagement came despite more than half of AAPI registered voters in Virginia reporting little to no engagement from either political party in APIAVote’s 2018 Asian American Voter Survey. This pattern repeated itself in the 2021

⁴ <https://www.apiavote.org/sites/default/files/2020-02/Virginia-2020.pdf>

⁵ <https://insights.targetsmart.com/the-unprecedented-impact-of-the-aapi-vote-on-the-2020-election.html>

Virginia gubernatorial race: major polls by respected outlets like the Washington Post grouped all data on AAPI voters into ‘other’.⁶ It would be problematic to simply group South, East, and Southeast Asian voters into one AAPI group, but that state of play would actually represent a major improvement over how AAPI voters are treated in the present day by political and media stakeholders across the political spectrum. Given the historical barriers outlined here, which themselves represent the very tip of an iceberg of erasure, SALDEF places even greater importance on a fair and transparent redistricting process that protects and promotes the communities of interest that define the country’s fastest growing ethnic voting bloc, and indeed all other communities of interest in Virginia.

Principles That Should Guide the Process

Per the Princeton Gerrymandering Project, redistricting in Virginia must be conducted in accordance with the federal requirements of one person, one vote, and it must be compliant with the Voting Rights Act.⁷ In addition, Article II section 6 of Virginia’s state constitution requires that state legislative and congressional districts be compact and contiguous. Furthermore, the two houses of the Virginia Legislature passed two bills (SB717⁸ and HB1255⁹) into law in 2020 that include state-level Voting Rights Act language, protections for communities of interest, and an explicit prohibition on partisan gerrymandering when considering a map on a state-wide basis as you are doing. Finally, the two bills end prison gerrymandering in Virginia by requiring prisoners be counted at their last-known residence and not their location of incarceration.

From the perspective of the Virginian AAPI community, the most critical aspects of the redistricting mandate revolve around the preservation of communities of interest. In Article II, Section 6 of the Constitution of Virginia, this is articulated: “Districts shall provide, where

⁶

<https://www.nbcnews.com/think/politics-policy/virginia-election-2021-asian-voters-impact-results-rcna4348>

⁷ <https://gerrymander.princeton.edu/reforms/VA>

⁸ <https://lis.virginia.gov/cgi-bin/legp604.exe?ses=201&typ=bil&val=sb717&ses=201&typ=bil&val=sb717>

⁹ <https://lis.virginia.gov/cgi-bin/legp604.exe?ses=201&typ=bil&val=hb1255&ses=201&typ=bil&val=hb1255>

November 8, 2021

practicable, opportunities for racial and ethnic communities to elect candidates of their choice.”¹⁰

The Virginia code expands further: section 24.2-304.04(3) states that “no district shall be drawn that results in a denial or abridgement of the rights of any racial or language minority group to participate in the political process.”¹¹ Unfortunately, our analysis of most of the proposed maps considered by the Commission before its final concession of failure suggests the current redistricting process is poised to achieve the opposite of many of these mandates.

Concerns with Maps Being Considered

It is indisputable that as NoVA’s population grows, powered by communities like ours, southwest Virginia’s population continues to shrink, particularly west of Montgomery County.¹² The present-day Virginia district map is imperfect, but does respect the differences inherent to the different regions of the commonwealth. In a fair and data-driven redistricting process that prioritizes communities of interest, we should therefore see maps that acknowledge and accommodate the vast differences between east and west Virginia in carving new districts that have similarly sized populations as the districts in the existing map.

We instead saw deliberate contortion of the redistricting mandates in order to artificially preserve parity between the two political parties’ voting bases, in brazen defiance of the shifting demographics of Virginia.¹³ Article II of the Virginia state constitution states that each electoral district shall be composed of contiguous and compact territory. However, in many of the maps over which the Commission deadlocked before sending control of the redistricting process to the Supreme Court of Virginia, the notion of compactness was used to reorient many districts from primarily north-south orientation to east-west orientation. As outlined earlier, an east-west

¹⁰ <https://law.lis.virginia.gov/constitution/article2/section6/>

¹¹ <https://virginiaredistricting.org/2021/Data/Public%20Hearings/082321materials.pdf>

¹²

https://roanoke.com/news/state-and-regional/virginia-is-growing-more-diverse-population-growth-reserved-for-urban-and-suburban-areas/article_4c7d281d-a951-5244-829c-98db828d4fd7.html

¹³ <https://vpm.org/news/articles/26358/citizen-redistricting-map-in-virginia-drafted-with-help-from-gop>

orientation in new districts allows for the dilution and cracking of AAPI communities' vote by mixing them with regions of Virginia that are vastly different ethnically and economically. Urban areas like greater Richmond and Falls Church must be kept intact and drawn into districts that are culturally similar, but several late-stage proposals by the Republican half of the Commission pointedly carved these regions into multiple districts and diluted AAPI voting power in each by mixing in heavily rural, heavily white areas of Virginia. These districts maintained the appearance of compactness but with a fundamental shift away from Virginia's redistricting mandate to draw each district "in accordance with the requirements of federal and state laws that address racial and ethnic fairness" in Article II, Section 6 of the Constitution. To shift the electoral map of Virginia in this fashion is to effectively punish AAPI voters for their increased civic engagement. SALDEF considers this outcome to be unacceptable. However, while the Commission attempted to conduct its work, we aligned ourselves with a coalition that seeks the same thing we do: fair representation for all Virginians.

Recommendations

We encourage you, the Special Masters, to preserve the current north-south orientation of the present-day electoral maps in Virginia in all maps produced based on the 2020 U.S. Census. As the eastern and western halves of Virginia continue to diverge in their development and demographics, the importance of allowing those communities to vote alongside people like them only gains more weight. It is our hope that you draw on the work of the Virginia Counts Coalition to honor your mandates while preserving AAPI voting power. The VCC unity map incorporates input from SALDEF, other AAPI advocacy organizations, Latinx advocacy organizations, and Black American advocacy organizations, as well as legal and academic support. The unity maps produced by the coalition play by the same rules as the Commission and now the Supreme Court. Districts are compact, contiguous, and compliant with both population size requirements and federal and state statutes mandating fairness and

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preservation of communities of interest. Communities of interest have weighed in directly, and the result is a map where districts are based on accurate racial/ethnic delineations, language enclaves, and locality lines. VCC's Congressional districts unity map is available [here](#).

It is SALDEF's hope that the VCC unity map is carefully considered. Virginia has changed enormously in the past ten years. The new electoral maps must fairly and accurately reflect those changes.

Thank you for your attention to this matter and your consideration of AAPI voting power as you draw new district lines that will impact Virginian civics for a decade. Should you have any further questions please feel free to contact me at kiran@saldef.org, or my colleagues Navdeep Singh at navdeep.singh@saldef.org and Jyot Singh at jyot.singh@saldef.org.

Sincerely,

Kiran Kaur Gill

Executive Director

From: [Carey Allen](#)
To: [Redistricting](#)
Subject: Concerns over Redistricting
Date: Monday, November 29, 2021 8:01:02 AM

EXTERNAL EMAIL

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Dear Chief Justice Donald Lemons,

I am writing to you to express concerns over minority representation on Virginia's potential new maps.

I am aware of discussions about redrawing districts to reduce the minority voting population below 50%, assuming that this would result in more "opportunity districts" for minority voters.

I question whether that is true – look at how many minority delegates lost in the most recent election in these "opportunity districts" drawn by the Democrat's special master a few years ago.

I would feel more certain about the future of all voters' representation in Virginia if we preserved districts where minority voters constitute a majority of the population (and maybe even create more).

Thank you for your time and consideration.

Best regards,

Carey Allen

From: [John Wagstaff](#)
To: [Redistricting](#)
Subject: Keep Redistricting Fair!
Date: Monday, November 29, 2021 9:24:28 AM

EXTERNAL EMAIL

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While reading about your involvement in redistricting, it seems odd that the court would become involved in a political matter. Many democrat legislators are trying to create a problem where there is none.

Are people actually arguing that black interests will be better represented if black voters are redistributed into majority-white districts? Seems to me that this would only make it harder for black voters to elect the representatives that they want. I look at how many black areas of Southside and Hampton Roads are now represented by Republican delegates and I just wonder how anyone could come to that conclusion.

Thank you!

John Wagstaff

--

BIT BY BIT FARM

JOHN & JACQUIE WAGSTAFF
2086 CLARKTON ROAD
NATHALIE, VIRGINIA 24577
434-349-2159



From: [Carla Heath](#)
To: [Redistricting](#)
Subject: State delegate and senate maps
Date: Monday, November 29, 2021 9:40:53 AM

EXTERNAL EMAIL

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Special Masters,

Thank you for taking on the task of drawing legislative maps for the Commonwealth of Virginia.

As you know, the Virginia Code requires that state senate and house maps be approximately equal in population, compact, contiguous, **and respect communities of interest.**

The City of Lynchburg is a community of interest with one governing body that provides ALL residents with EMS, fire, police, water/sewage, and trash collection services, public schools, and public recreation facilities and community centers. City Councilors, representatives to the General Assembly, and the voting public alike have publicly stated that the City and its residents will be best served if it is represented in the G.A. by a single delegate and single senator. To excise a few census tracts and add them to an adjacent county which does NOT offer the above listed services to Lynchburg residents will not serve those residents well and, further more, will dilute their voices in the G.A.

Respectfully,
Carla W. Heath
339 Sumpter ST
Lynchburg,

From: [Pete Costigan](#)
To: [Redistricting](#)
Cc: [Pete Costigan](#)
Subject: suggested districts in Virginia's House of Delegates map
Date: Monday, November 29, 2021 12:43:39 PM

EXTERNAL EMAIL

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<https://www.virginiaredistricting.org/legdistricting/comments/plan/186/1>

<https://www.virginiaredistricting.org/legdistricting/comments/plan/254/1>

Muriel-Theresa Pitney, Clerk of the Virginia Supreme Court

Dear Ms. Pitney:

In accordance with Rule 4 (included below) of the Rules and Procedures for Implementing the Requirements of Article II, Section 6-A of the Constitution of Virginia, I submit the following comments to the court regarding the House of Delegates map.

Rule 4. Public Participation. (a) Comments – The public may participate in the Court's redistricting deliberations through the submission of written comments. Any such comments must be provided in the form of a letter addressed to the Clerk of the Supreme Court of Virginia and referencing these rules and procedures.

I made the following remarks on House of Delegates (HOD) map B6 (plan 186 in the link above above) during the Virginia Redistricting Commission's (VRC) October 6th virtual meeting which covered the Commonwealth's central district. After the October 6th meeting, the VRC's Democratic map drawer did reflect the changes I and other citizens recommended in his HOD map B7 (pan 254 in the link above). Both HOD maps B6 and B7 are included as links in this e-mail. In drawing the HOD maps, I hope the special masters will consider the four reasons I list below for proposing that Greene County be include in HOD district 81 as shown as HOD map B7. Thank you.
Pete Costigan

"Good afternoon Commissioners,

My name is Pete Costigan and I live in Ruckersville in Greene County.

I'd like to comment as a private citizen on HOD map B6.

Regarding **HOD map B6**, I'd like to propose that the northeast corner of Augusta County be **swapped out** of HOD district 81 and replaced by Greene County. Since that northeast portion of Augusta County borders Rockingham County, I believe it makes more sense to attach that portion of Augusta to Rockingham County as part of HOD district 69.

Here are my four reasons for making this proposal.

First, HOD map B6 currently includes all of Greene County, much of Rockingham County and part of Page County in district 69. The bulk of the proposed district's land is in Rockingham and Page Counties, both of which are separated from Greene by the Blue Ridge Mountains. I object to this grouping for the same reasons the

Commission has heard many other residents of counties on both sides of the Blue Ridge object to being grouped with residents in counties on the mountain's opposite side. Greene County residents have more common interests with Albemarle County than they have with either Page or Rockingham.

Specifically, Greene County residents regularly drive to Albemarle for shopping and medical care. In addition, every day, many Greene residents drive into Albemarle to their jobs at the National Ground Intelligence Center in northern Albemarle, to State Farm and to various UVa facilities in Albemarle among other employers. In fact, a significant percentage of Greene County's employed residents work in Albemarle. In contrast, relatively few drive the 30-35 miles west over the Blue Ridge to jobs in Rockingham or Page.

Second, Greene is a small county with about 55% of its 20,000 residents living in two of its five voting precincts. Those two precincts – Ruckersville and Midway – are located **mostly** south, east and west of the intersection of east-west route 33 and north-south route 29. Route 29, a major highway, reaches the Greene/Albemarle border in less than four miles south of this intersection.

Third, Greene County, along with Albemarle, are among the counties served by the Thomas Jefferson Planning Commission. Through the Commission's Legislative Services program, the interests of the region's localities are represented before the state legislature and other state policymakers. **Much** of this effort occurs at the General Assembly during the January-March session each year. Augusta County is **not** served by the Thomas Jefferson Planning Commission. Augusta County **is** served by the same planning district that serves Rockingham County.

Fourth. Like Rockingham and Page Counties, all of Augusta County is on the western side of the Blue Ridge and on the opposite side from Greene and Albemarle.

As always, I thank you for considering my proposal and for the difficult but important work you are doing.

Pete Costigan

Ruckersville, Va, 22968

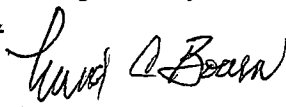
434-466-2384"

From: Ward Bourn wcbourn@mac.com
Subject: RULES FOR SETTING LEGISLATIVE RE-DISTRICTING
Date: November 27, 2021 at 12:29 AM
To: ~~The Hon. Donald W. Lemons~~ The Hon. Donald W. Lemons
Cc: The Hon. S. Bernard Goodwyn The Hon. William C. Mims The Hon. Cleo E. Powell The Hon. D. Arthur Kelsey The Hon. Stephen R McCullough The Hon. Teresa M. Chafin
The Hon. S. Bernard Goodwyn The Hon. William C. Mims The Hon. Cleo E. Powell The Hon. D. Arthur Kelsey The Hon. Stephen R McCullough The Hon. Teresa M. Chafin
Bcc: Executive Secretary Supreme Court of Virginia

The attached OpEd Letter sent to the Richmond Times Dispatch addresses the problem which the Supreme Court is now considering.

Although the RTD did not publish this one, on November 1, the editors did publish my letter concerning the issue of equality of opportunity for applicants for admission to the Governor's Schools. So *this distinguished journal has some respect for my analysis of complex problems of public concern.*

Ward C. Bourn
3800 Treyburn Drive, 4413
Williamsburg, VA 23185-2897
[757] 532-3555



Apologies for the bizarre double listing of addressees, and the omission of commas between their names. Both are the result of the quarreling of Microsoft and Apple for the control of this iMac desktop computer, a problem beyond my ken.

From: Ward Bourn wcbourn@mac.com
Subject: TIME FOR SETTING RULES FOR LEGISLATIVE RE-DISTRICTING
Date: October 16, 2021 at 1:59 PM
To: oped@timesdispatch.com

The difficulties the Redistricting Commission has encountered in establishing maps for the various governmental units were predictable. They stem from the Commission's failure to first establish a process by which the task should be accomplished.

It would be wise to start with some **rules** to guide the process - even now for the week remaining, or for the consideration of the Supreme Court, if that is the body which ultimately makes the decision. Once, settled, the rules should be incorporated in legislation (not the Virginia Constitution.)

The problem to be solved is the same for any governmental unit which holds elections. Districts should be compact and represent areas the citizens taxes support and with which they identify in their activities and allegiances. Districts should have reasonably equal populations. (Yes, you vote on behalf of your kids - and other folks' kids.)

Rule 1. There is no point in attempting to achieve nearly equal populations as of the start of the decade. We should not be tinkering with these boundaries again until 2031. Districts which have been strongly gaining population for 10 years or more, as indicated by interim Bureau of the Census estimates, will continue to gain residents at a rate above statewide averages. Limit the differential in population between the lowest and highest numbers allocated to 5%.

Rule 2. Boundaries should reflect those for voting jurisdictions included within the district to be delimited. Never, ever split a voting precinct. Never partition a governmental unit unless it is entitled by population to more than one representative of the kind being dealt with. (Example: For Congressional Districts, for which the national average is upwards of 750,000 people, only Fairfax County should be split, and none of it should be parceled out to more than one abutting city or county. For House of Delegates Districts, several cities and counties would be entitled to more than one delegate. But no locality should be divided into more pieces than one more than the whole number of delegates for which the last decennial Census entitled it.)

Rule 3. Computer mapping should be employed as a tool for assessing district compactness - not for creating designer districts to benefit a party or candidate. For proposed Congressional Districts, any of the 180 lines which could be drawn through the center of population of the district (at one degree intervals from north) which is two times or more longer than the shortest such line is prima facie evidence that the proposed district is not compact. An additional test of reasonableness of the contours of a proposed district is whether all parts of it can be reached by roadway from other parts of the district. Eastern Shore and Virginia Beach must be in the same Congressional District. Period. (Any inhabited islands can be accommodated case-by-case.)

Obviously, computer mapping could generate an infinite number of district maps. But human minds cannot handle an infinite number of alternatives. A limited number of alternatives could be achieved by calling for the maps to be generated starting from Virginia's points around its periphery opposite where two other states abut each other, the District of Columbia, or a body of water. By this writer's count that would produce six maps.

So this outlines a process and some rules to guide it, leaving the decisions up to the humans who are charged with making them. Ladies and gentlemen, let's go!

From: [RICHARD POTEKHEN](#)
To: [Redistricting](#)
Subject: Lynchburg Split
Date: Monday, November 29, 2021 3:01:13 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

> I urge you not to split the city of Lynchburg when redistricting. The biggest reason is to maintain population diversity. We are a mixed-race city, and the Black areas should not be separated from the mix.

>

> Thanks for your attention. RICHARD POTEKHEN, 3635 East Woodside Avenue, Lynchburg, VA 24503

>

> Sent from my iPhone

From: [Dave Marsden](#)
To: [Redistricting](#)
Subject: Communities of Interest in Burke Virginia (Fairfax County)
Date: Monday, November 29, 2021 5:45:26 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

- Mason Magisterial District (Fairfax County Board of Supervisors)
- Burke Centre Conservancy (1700-acre Planned Residential Community)
- Lake Barcroft Watershed Improvement District (WID)
- Lake Barcroft Association (former known as Barcroft Lake Management Association)
- Bailey's Crossroads (Census Designated Place of 24,000 people)
- Fort Buffalo in Lake Barcroft (historically black community)
- Sleepy Hollow corridor (Columbia Pike to Seven Corners)

--

Senator Dave Marsden
Virginia State Senate

P.O. 10889
Burke, VA
22009

From: [Cathy Hosek](#)
To: [Redistricting](#)
Subject: Comments on the Redistricting process
Date: Monday, November 29, 2021 8:44:04 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

My name is Cathy Hosek. I live at 1906 Rampart Drive near the Mount Vernon Estate in the Fort Hunt area along the Potomac River. I have been working on the local Fairfax County Magisterial redistricting for Fairfax County and have learned some important things about communities of interest.

Our community of interest starts at 495/95N at the northern most edge and goes south along the Richmond Highway Corridor (Route 1) all the way down to Fort Belvoir/the Fairfax County Parkway.

Most of the families in this area fall into 2 high schools attendance areas – West Potomac and Mount Vernon High School. It also includes neighborhoods on both sides of the corridor in both Mount Vernon and Lee Districts of Fairfax County.

We have several projects happening in our community. One of these is the EMBARK project which is a plan to upgrade the Richmond Highway Corridor/Route 1. This plan will add density as well as improve transportation while keeping a Main Street feel.

On the east side of our community is the George Washington Parkway which is another item of interest. We are working with the Park Service to make this vital connector in our community safer.

It is imperative that the communities along the Potomac River from Alexandria City south to Fort Belvoir remain in one block, especially at the House of Delegate level. It makes no sense to put any part of Fairfax County with the City of Alexandria as we have entirely different school systems and revenue streams. Alexandria and Arlington both have a meals tax, but we do not in Fairfax County.

We need a political structure attuned to fight for our needs and to support our concerns. We are hopeful that this current redistricting will result in the drawing of boundaries that conform more closely to the Mount Vernon District and keep our entire community intact. Our current map is very gerrymandered and one community Hayfield Farms is totally surrounded by our current 36th District. Please consider making the 36th District more compact and reflective of the communities within the boundaries.

Do not look specifically at post office names and addresses as those do not adequately represent the communities of interest.

For example, the city of Alexandria uses Alexandria, but so does the eastern edge of Fairfax County. These two areas do not share the same interests and it would be a disservice to both the representative and the constituents of this district if they were to be in the same District.

Thank you for your time,

~Cathy Hosek

Fairfax County Resident and member of the current 36th and 44th Districts

Russ Leinbach
855 College Ave
Harrisonburg, VA 22802

Nov 26, 2021



Clerk of the Supreme Court
Supreme Court of Virginia
100 N. Ninth St.
Richmond, VA 23219

Reference to the Rules and Procedures for Implementing
the requirements of Article II, Section A

Per the enclosed Letter to the Editor in the Daily News Record,
Thursday, Nov. 18, this really is a very confusing numbering
system for legislative Districts.

Thank you for your consideration.

Russ Leinbach

Letters To The Editor

Wouldn't It Be Nice ...

... If each voting district in Virginia had a unique name so there would be no confusion?

Virginia is divided into 11 congressional districts, 40 state Senate Districts, and 100 state House districts. Each set of districts is identified numerically starting with the number one. This results in multiple districts identified by the same number. There are three districts for each number 1-11. There are two districts for each number 12-40.

When referred to by number only, it is hard to know if it is a congressional, Senate or House district being referenced. If you have ever had trouble

following a political discussion for this reason, you are not alone!

Duplication has also resulted in some Rockingham County residents residing in two different districts numbered 26: House District 26 and Senate District 26.

One solution would be to leave the congressional districts as they are (1-11) and renumber the state districts as follows:

Senate Districts would be numbered 100-139; and House Districts would be numbered 200-299.

Not only would this give each district a distinct number, it would immediately

identify them as congressional, Senate, or House. It would give each category room for expansion.

If you agree, now is the time to contact the Virginia Supreme Court, which is currently redrawing voting districts. Your comments should be in letter form, addressed to the clerk of the Supreme Court of Virginia, and emailed to Redistricting@vacourts.gov. It should reference the Rules and Procedures for Implementing the Requirements of Article II, Section 6-A.

Janet I. Trettner
Keezletown

Street by market value, their movements carry extra weight on the S&P 500.

Yields in the U.S. government bond market, center of some of Wall Street's most turbulent action recently, pulled back following a week

expectations for when the Federal Reserve would raise interest rates off their record lows.

Stocks have been powering mostly higher over the last month as companies have widely reported much

and earnings for the latest quarter than expected. Home improvement retailer Lowe's inched up 0.4% as it raised its revenue forecast for the year following strong third-quarter financial results.

US Home Construction Dips 0.7% In October, But Permits Jump

SILVER SPRING, Md. (AP) — Construction of new homes in the U.S. fell 0.7% in October, but a big jump in the number of permits last month points to anticipation by builders that supply chain problems that have dogged them for



Any Size
White Vinyl
4000-Series
Double Hung
Double Pane
Window w/
Exterior Trim
& Low-E

SOLARZONE
ENHANCED
GLASS W/ LOW-E
ARGON GAS

34
Instal

*Max size 4ft. x 6ft. As
Additional charges m

BEST

Replacement

Any Size White
Vinyl 4000-Series
Double Hung
Triple-Pane
Window w/
Exterior Trim
& Low-E

SOLARZONE
FLITE

\$48
Instal

*Max size 4ft x 6ft A

From: [Soukarya Samanta](#)
To: [Redistricting](#)
Subject: Redistricting plan submission
Date: Tuesday, November 30, 2021 1:13:53 PM
Attachments: [VA court numbered submit by ZOOM.png](#)
[VA court counties submit by ZOOM.png](#)
[VA court submit by ZOOM.geojson](#)

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Dear sir/madam,

I wish to present to you a redistricting plan that best reflects the various "Communities of Interest" across Virginia, its population growth, minority representation, competitiveness and partisan fairness. It is also much more compact, and has fewer county and town splits than the current map.

My plan is in the attached pictures and the geojson file and can also be found here (<https://davesredistricting.org/join/89eb4b13-6142-4b40-8395-210ec796286b>).

Here is a character outline of the various districts:

- 1st: Successor of current 2nd, it now consists of Jamestown and the entire Eastern shore. A competitive district won by Biden & Youngkin.
- 2nd: Successor of current 3rd, it continues to be plurality black mandated by the VRA.
- 3rd: Successor of current 4th, it also continues to be plurality black mandated by the VRA.
- 4th: Successor of current 7th, it now becomes a very competitive Trump-won district (by 1.4 points) to achieve partisan proportionality in the 54-44 Biden state.
- 5th: Sheds most of the Northern portions that are better suited for other districts.
- 6th: Successor of current 9th, it consists of Southwest VA, and unites Roanoke Valley and with it Craig county (as per a COI submitted to the commission).
- 7th: Successor of current 6th, it consists of the Shenandoah Valley and takes in some of the rural parts of Loudon, and counties to its south.
- 8th: Successor of current 1st, it takes in some minority areas of Prince William to make up for the loss of minorities in the neighbouring 1st (current 2nd). May (or may not) become more competitive later in the decade.
- 9th: Successor of current 11th, it remains majority-minority but has significantly altered geography to respect the COIs submitted to the commission.
- 10th: Consisting of eastern Loudon & western Fairfax, the new 10th has a 26.4% Asian VAP, 49.4% minority VAP, and 52.1% non-white population. It has the potential to be majority-minority VAP later in the decade reflecting minority growth in the state. It also becomes a safe Democratic district. Some parts of this district are specifically drawn to respect the COIs submitted to the commission.
- 11th: Successor of current 8th, it consists of immediate neighbours of DC. This district is specifically drawn to respect the COIs submitted to the commission.

This map produces a 6-5 Biden split, and a 6-5 Youngkin split accurately reflecting partisanship of the state. Minority representation is also significantly improved, and county/city/town splits are minimized.

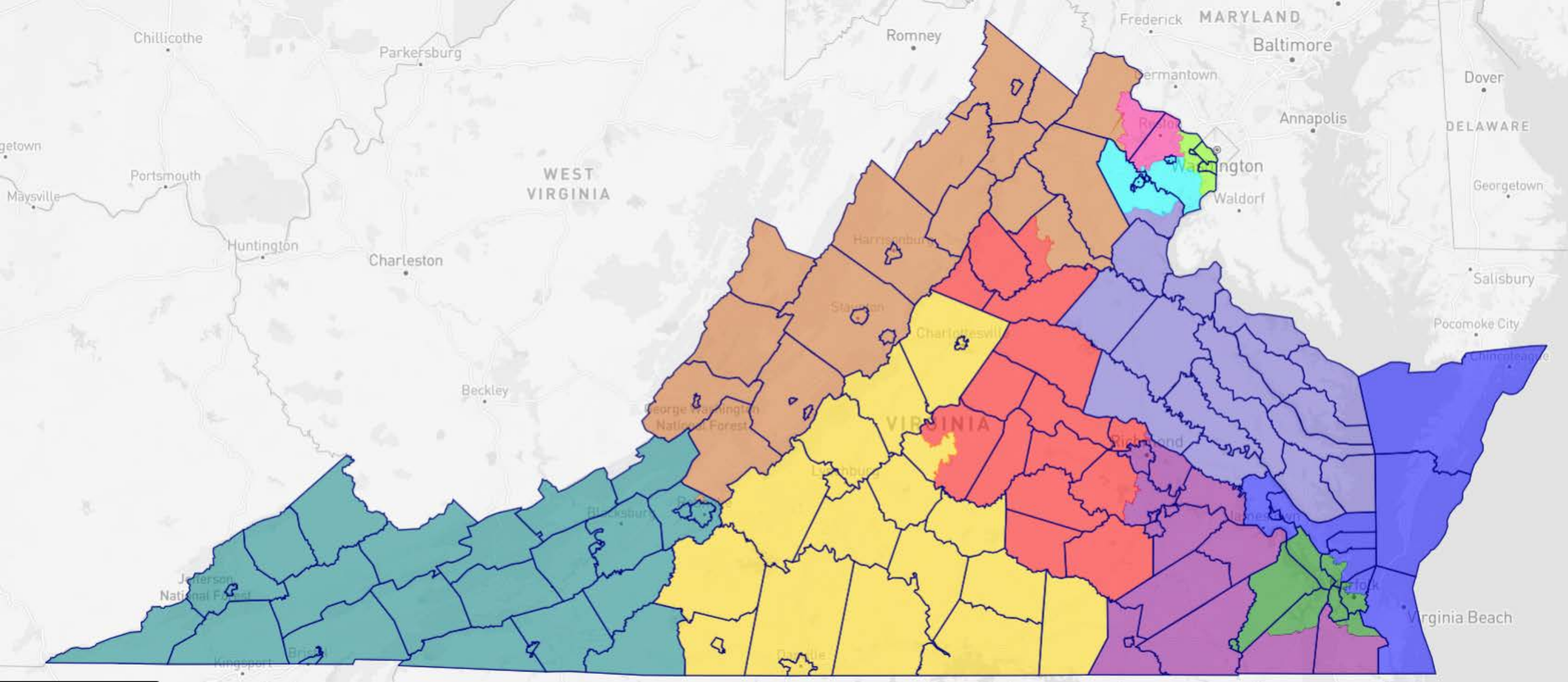
In this map I have numbered the various districts in a sequential manner, the way the Pennsylvania Supreme Court did in 2018. Many citizens have to switch district numbers regardless, so it would be great if Virginia does the numbering in sequential manner giving the map a much cleaner look.

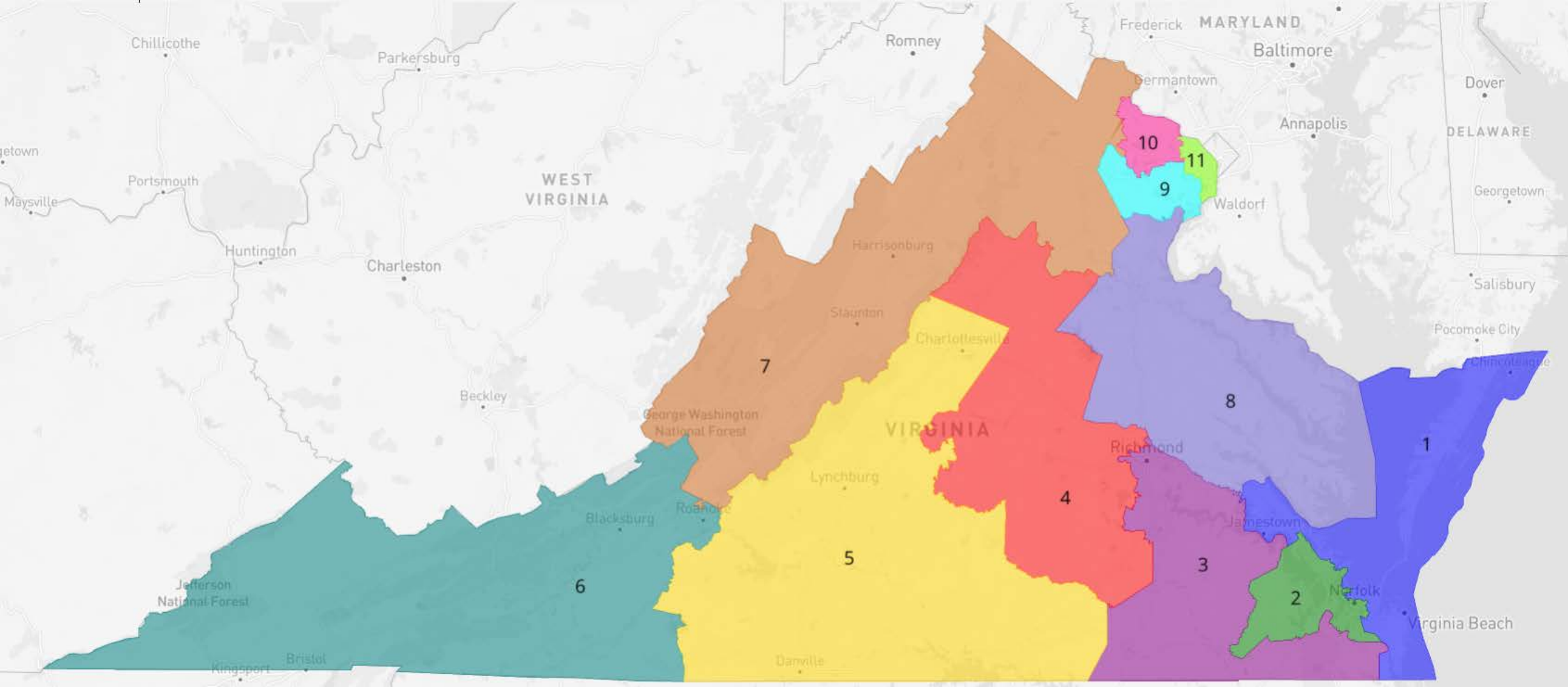
The new 1st now consists of Jamestown, the first permanent English settlement in the New World, colloquially making it the new "America's first district". The numbers then go clockwise and reach NoVA. The districts extending into NoVA are given higher numbers because if Virginia ever gets a 12th district, it would be here, and the numbers in the rest of the state no longer need to be changed.

Hopefully this plan would be considered by the Court for a fair redistricting process.

Thank you.

Yours faithfully,
Soukarya Samanta





From: [Mark Mildorf](#)
To: [Redistricting](#)
Subject: Comments - 36th Senate District
Date: Wednesday, December 01, 2021 4:20:33 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

I'm a resident of the 36th Senatorial District in Virginia. I have yet to provide any comments on the process of redistricting. Now that a new phase has begun involving experts that may not be familiar with Virginia, now seems a good time to do so.

It is a certainty that the boundary lines of the 36th Senatorial District will not remain as they are now. They will either get better or get worse.

How can the boundaries get better? This is pretty easy. The current map treats communities poorly as the border meanders about like an old river. In the northern end of the district, the Groveton community is cut to pieces as is Fort Hunt and many others. The Edison, West Potomac and Mount Vernon High school attendance areas are carved up. In the southern end of the district, parts of the district are contiguous - by water - there being no continuous land access within the district. So to improve the district, minimize the wandering boundaries we have now and make the district more compact.

The positives of the current district are that the currently included areas share concerns about 1) transportation and 2) the quality of the Potomac River as we all live downstream from the cities of Alexandria, Arlington and Washington, DC. Also, all of the district is located in counties and not independent cities. Virginia counties and independent cities are rather different in the powers they have and the things they need from the state legislature..

How can the boundaries get worse? This is also pretty easy. It can get worse by ignoring the natural, physical and community boundaries of Cameron Run and the Capital Betway and including even more of Fairfax County south of the City of Alexandria in a Senate District dominated by the City. Don't be fooled by the "Alexandria area of Fairfax". We live in Belle View or Hybla Valley or Waynewood or Mount Vernon. etc. and not in the City of Alexandria.

From: cragghines@aol.com
To: [Redistricting](#)
Subject: Maintain the integrity of "South" Arlington
Date: Wednesday, December 01, 2021 3:14:07 PM

EXTERNAL EMAIL

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Muriel-Theresa Pitney
Clerk of Court
Supreme Court of Virginia
100 North Ninth Street
Richmond, Virginia 23219

RE: Rules and Procedures for Implementing the Requirements of Article II, Section 6-A

To Whom It May Concern,

Pursuant to Rule 4(a) of the Rules and Procedures for Implementing the Requirements of Article II Section 6-A of the Constitution of Virginia, I am submitting the following comments and suggestions regarding redistricting of the Virginia House of Delegates.

I urge the Court to recognize in its redistricting of the House of Delegates the historic communities of interest in Arlington County. That is especially true of "South" Arlington, generally thought of as the part of the County south of U.S. 50 (Arlington Boulevard).

South Arlington is historically home to residents so varied in racial, ethnic, and economic backgrounds and conditions that the area is known as Virginia's "World in a Zip Code." It would seem consummately unwise to use pieces of South Arlington to bring up pieces of white, wealthier, and more politically connected North Arlington to the required population for a House of Delegates district.

Central to South Arlington is the Columbia Pike Corridor, essentially the "Main Street" from the Pentagon to Arlington County's border with Fairfax County. New district boundaries should not break up the well-established cultural and social communities along and on both sides of Columbia Pike.

Sincerely,
Cragg Hines

Cragg Hines
5100 Little Falls Road
Arlington, Virginia 22207

From: [Pete Durgan](#)
To: [Redistricting](#)
Subject: Columbia Pike, Arlington and Redistricting
Date: Wednesday, December 01, 2021 2:44:05 PM

EXTERNAL EMAIL

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Muriel-Theresa Pitney
Clerk of the Court
Supreme Court of Virginia
100 North Ninth St
Richmond, VA 23219

RE: Rules and Procedures for Implementing the Requirements of Article II, Section 6-A

To Whom It May Concern

Pursuant to Rule 4(a) of the Rules and Procedures for Implementing the Requirements of Article II Section 6-A of the Constitution of Virginia, I am submitting the following comments and suggestions regarding redistricting for the Virginia House of Delegates.

Columbia Pike in Arlington is a unique neighborhood in Virginia. It is home to immigrants from all over the world. Economically, it is much less affluent than neighborhoods in North Arlington. To divide these neighborhoods in different districts will seriously reduce the voices of our immigrant population, which is primarily Latino. This would not be in the interest of the state of Virginia. For these reasons I consider Columbia Pike to be a Community of Interest that should be protected. Other thoughts about Columbia Pike to reinforce keeping the neighborhoods together are:

1. Columbia Pike is the area with the highest bus use in Virginia. We have no metro stops, but our neighbors make heavy use of the buses to get to the Metro stations.
2. The area south of Arlington Blvd in Arlington historically has been the less affluent side of the county. Today, the Columbia Pike area is disproportionately populated by some of the poorest residents in NOVA.
3. The African American population of Arlington centers around the Columbia Pike neighborhoods. This is a remnant of our history since Reconstruction in the late 1980s, as former slaves and their descendants were red-lined out of most areas in North Arlington.
4. The Columbia Pike area is often called "the world in a zip code," reflecting the diverse cultures that live here. We do not have ethnic

neighborhoods in Arlington, we have one area where everyone lives together. It's rare and it needs full representation in our government.

5. Latinos in particular, are the largest cohort of immigrants, and they are often the poorest. They live in substantial numbers along Columbia Pike. In Virginia, they comprise 10.5% of Virginia's population. They need their voices heard and breaking Columbia Pike up will greatly reduce their voices. Do not draw them out as they are an important block of Virginians.

In summary, keep the Columbia Pike neighborhoods together in one district.

Sincerely,
Maria Durgan

Maria Durgan
2000 6th St. South
Arlington VA, 22204

From: [Charley Conrad](#)
To: [Redistricting](#)
Subject: Redistricting Comment
Date: Wednesday, December 01, 2021 2:43:53 PM

EXTERNAL EMAIL

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Muriel-Theresa Pitney
Clerk of Court
Supreme Court of Virginia
100 North Ninth Street
Richmond, Virginia 23219

To Whom It May Concern:

Pursuant to Rule 4(a) of the Rules and Procedures for Implementing the Requirements of Article II Section 6-A of the Constitution of Virginia, I am submitting the following comments and suggestions regarding redistricting for the Virginia House of Delegates:

I live in south Arlington one block off of Columbia Pike. Columbia Pike runs from the Air Force Memorial to the County line and is a dynamic and diverse community.

I am concerned that this redistricting is going to mess up our diverse community that thrives south from Arlington Boulevard.

Due to excellent representation we have something special and we have something that is working and has been working for a long time.

I want to make sure we have strong representation to watch over south Arlington. We have for so long got short changed by "other priorities" in North Arlington. It smacks of a north Arlington privilege. I well remember how the North Arlington folks worked to kill the Columbia Pike streetcar project because they didn't want to have to pay for it. I was told that specifically many times. It is an us or them mentality.

Bottom line here is please preserve strong representation for our south Arlington and Columbia Pike corridor so we have an advocacy voice speaking up for some of the poorest and some of the most diverse populations in Arlington.

Sincerely,

**Charles B (Charley) Conrad
4500 S Four Mile Run Drive #106
Arlington VA 22204**

From: [Alan Stein](#)
To: [Redistricting](#)
Subject: Redistricting
Date: Wednesday, December 01, 2021 12:39:57 PM

EXTERNAL EMAIL

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To the Court

I would like to see that districts be drawn based on county and city boundaries without regard to voter makeup of the district. Where it is needed to expand or contract the size of the district based on population, lines should not be drawn in illogical ways with jutting fingers but with a maximum of 5 straight lines to form only convex shapes. These districts could combine or divide adjacent localities.

Sincerely,

Alan Stein

1037 Radcliff Landing

VA Beach, VA 23464

(757)474-2363 home (757)452-0094 cell

From: [j.jupiter](#)
To: [Redistricting](#)
Subject: State Senate District 36
Date: Wednesday, December 01, 2021 4:45:03 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

I would like to address the Redistricting issues affecting State Senate District 36 to highlight what I believe are important aspects of this Districts Communities of Interest.

Non residents of this area may be unfamiliar with the cohesive qualities of this Mt. Vernon, VA community.

One of the most focused interests in this Community is the Route 1, Richmond Highway, influence. This road not only is the main thoroughfare in the community, the road also delimits the focus of community activities in its access to activities, schools, commerce, and diversity. Extending the redistricting boundaries away from the corridor places those outlying communities outside of the focused community of interest.

Another focus of the Community is the governmental boundaries in the area. The bulk of the District is within Fairfax County and should remain so. Extending the District North into the City of Alexandria and South into Prince William County creates jurisdictional tensions and even some conflicts with those other governing bodies which a representative would have a difficult time reconciling. The Governmental boundaries focus the Communities of Interest on the practical functions of the existing Government structure such as Schools, Public Safety, Parks and Recreation, and local Government authority. Any necessary extension of redistricting into those Northern and Southern areas should be minimized to avoid government conflict. Encompassing the Alexandria City communities is especially disruptive in my view. The Alexandria City adjoining areas have very separate, strong Community affiliations which generally isolate themselves from Fairfax County interests. To the extent necessary to accommodate redistricting I believe westward expansion within Fairfax County is more conducive to Community adhesion than Northern or Southern diversions

Jay Jupiter

From: [Sherry McMurtrie](#)
To: [Redistricting](#)
Subject: Redistricting Public Comments Submission
Date: Wednesday, December 01, 2021 10:19:26 PM

EXTERNAL EMAIL

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Muriel-Theresa Pitney
Clerk of Court
Supreme Court of Virginia
100 North Ninth Street
Richmond, Virginia 23219

RE: Rules and Procedures for Implementing the Requirements of Article II,
Section 6-A

To Whom It May Concern,

Pursuant to Rule 4(a) of the Rules and Procedures for Implementing the Requirements of Article II Section 6-A of the Constitution of Virginia, I am submitting the following comments and suggestions regarding redistricting for the Virginia House of Delegates.

As a resident of South Arlington, I am concerned about the future representation if South Arlington, particularly the Columbia Pike Corridor, does not stay whole, in one district. The Columbia Pike Corridor is South Arlington's Main Street. It needs representation with political cohesion to benefit the shared socio-economic status of those living along the Pike. It is imperative that South Arlington not be divided up for representation along with affluent North Arlington neighborhoods. South Arlington has unique needs that will be neglected if it does not have it's own representation.

Sincerely,
Sherry Skinner
4500 S. Four Mile Run Drive
#924
Arlington, VA 22204

From: [Richard Skinner](#)
To: [Redistricting](#)
Subject: Comments on Redistricting
Date: Wednesday, December 01, 2021 10:30:48 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Muriel-Theresa Pitney
Clerk of Court
Supreme Court of Virginia
100 North Ninth St
Richmond VA 23219

RE: Rules and Procedures for Implementing the Requirements of Article II, Section 6-A

To Whom It May Concern,

Pursuant to Rule 4 (a) of the Rules and Procedures for Implementing the Requirements of Article II Section 6-A of the Constitution of Virginia, I am submitting the following comments and suggestions regarding redistricting for the Virginia House of Delegates.

I am writing to urge that the Court keep the Columbia Pike Corridor as a community of interest. The region includes highly diverse neighborhoods along Columbia Pike. Long neglected due to WMATA's refusal to serve the area with a Metro line, the Corridor's many socioeconomically disadvantaged residents ride to work on Virginia's busiest bus route. Columbia Pike serves as South Arlington's "Main Street," with retail serving a racially and ethnically varied clientele. The area's diversity and relative deprivation give it needs that are not always met by Arlington County. Residents of North Arlington have often voted as a bloc to halt projects in South Arlington, such as the Columbia Pike streetcar.

Please consider keeping the neighborhoods south of Arlington Boulevard (Route 50) and on either side of Columbia Pike as one community of interest within South Arlington. It has long been our tradition and practice to keep these neighborhoods together in one district.

Richard M. Skinner

--

Richard M. Skinner
4500 South Four Mile Run Drive, #924
Arlington VA 22204
(571)-212-8117

richardmskinner.com
<https://www.linkedin.com/in/richard-m-skinner/>

From: [J Shiver](#)
To: [Redistricting](#)
Subject: Political Redistricting Comment
Date: Thursday, December 02, 2021 10:38:33 AM

EXTERNAL EMAIL

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Muriel-Theresa Pitney
Clerk of Court
Supreme Court of Virginia
100 North Ninth Street
Richmond, Virginia 23219

May It Please The Court:

Pursuant to Rule 4(a) of the Rules and Procedures for Implementing the Requirements of Article II, Section 6-A of the Constitution of Virginia, I am submitting the following comments regarding the Commonwealth's political redistricting effort. In particular, I respectfully take issue with comments by map drawers that have referred to the Mt. Vernon District of Fairfax County as part of the Alexandria postal code area and, therefore, suited to be a part of legislative districts encompassing the City of Alexandria. Forensic examination and my personal experience living in these two communities belie that conflation.

For the first four years of my elementary school education, my family lived in the City of Alexandria. Because we lived in a city, we could walk almost everywhere-to the bakery on the corner of Prince and West Street or to the old Charles Houston elementary school, where my mother taught students.

When I entered the fourth grade, my family moved to the Mt. Vernon District of Fairfax County. Our mailing address stayed the same-Alexandria, Virginia-but Mt. Vernon was worlds apart from Alexandria. There were no stores within walking distance. Mt. Vernon was, and remains, the suburbs. Further, Mt. Vernon is not just separated from Alexandria in terms of urban density. It is physically cut off from the City of Alexandria by Huntington Creek and Camron Run tributaries that pour into the Potomac River. The two areas are also separated by the 495 Interstate Highway and have different school boards, library systems and other local administrative bodies.

In light of the above facts, I urge the Court to recognize the distinct communities of interest that characterize and distinguish Fairfax County from the City of Alexandria. I am also requesting that the election map be redrawn to reflect these important distinctions.

Sincerely,

Jube Shiver, Jr.

7943 Richmond Highway, STE 10
Alexandria, Virginia 22306
(703) 780-6700

From: [Iles, Stephanie](#)
To: [Redistricting](#)
Subject: Redistricting in Norfolk
Date: Thursday, December 02, 2021 10:41:25 AM
Attachments: [2019-US-Congressional-Districts-and-Polling-Locations---Map.pdf](#)
[2019-Senate-Districts-and-Polling-Locations---Map.pdf](#)
[2019-House-Districts-and-Polling-Locations---Map.pdf](#)
Importance: High

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Good morning –

Congratulations on your appointment as Special Masters for Virginia redistricting! We realize you have a limited time frame of thirty (30) days to complete the arduous task of drawing new Congressional, Virginia Senate, and House of Delegate lines. All of this while taking in new census data population changes and preventing gerrymandering.

When considering redrawing of districts, you also must consider Senate Bill 740 effective 7/1/2020 that remedies split precincts:

CHAPTER 1268

An Act to amend and reenact § [24.2-307](#) of the Code of Virginia, relating to county and city precincts; required to be wholly contained within election districts; waiver for administration of a split precinct.

[S 740]

Approved April 22, 2020

Be it enacted by the General Assembly of Virginia:

1. That § [24.2-307](#) of the Code of Virginia is amended and reenacted as follows:

§ [24.2-307](#). Requirements for county and city precincts.

The governing body of each county and city shall establish by ordinance as many precincts as it deems necessary. Each governing body is authorized to increase or decrease the number of precincts and alter precinct boundaries subject to the requirements of this chapter.

At the time any precinct is established, it shall have no more than 5,000 registered voters. The general registrar shall notify the governing body whenever the number of voters who voted in a precinct in an election for President of the United States exceeds 4,000. Within six months of receiving the notice, the governing body shall proceed to revise the precinct boundaries, and any newly established or redrawn precinct shall have no more than 5,000 registered voters.

At the time any precinct is established, each precinct in a county shall have no fewer than 100 registered voters and each precinct in a city shall have no fewer than 500 registered voters.

Each precinct shall be wholly contained within ~~any~~ a single congressional district, Senate district, House of Delegates district, and election district used for the election of one or more members of the governing body or school board for the county or city. *In each year ending in one, the governing body of each county and city shall establish the precinct boundaries to be consistent with any congressional district, Senate district, House of Delegates district, and local election district that was adopted by the appropriate authority by June 15 of that year. If congressional districts, Senate districts, House of Delegates districts, or local election districts have not been adopted by the appropriate authority by June 15 of a year ending in one, the governing body may use the congressional districts, Senate districts, House of Delegates districts, or local election districts as such districts existed on June 15 of that year as the basis for establishing the precinct boundaries to be used for the elections to be held in November of that year. Such governing body shall establish precinct boundaries to be consistent with any subsequent changes to the congressional districts, Senate districts, House of Delegates districts, or local election districts. If a governing body is unable to establish a precinct with the minimum number of registered voters without splitting the precinct between two or more congressional districts, Senate districts, House of Delegates districts, or local election districts, it shall apply to the State Board for a waiver to administer a split precinct. The State Board may grant the waiver or direct the governing body to establish a precinct with fewer than the minimum number of registered voters as permitted by § [24.2-309](#). A governing body granted a waiver to administer a split precinct or directed to establish a precinct with fewer than the minimum number of registered voters may use such a precinct for any election held that year.*

The governing body shall establish by ordinance one polling place for each precinct.

Unfortunately, when Congressional districts were redrawn in 2016 and House Districts in 2019 using 2010 census data and not current precinct map lines, several split districts were created in Norfolk.

Specifically:

1. Precinct 101: Granby – House Districts 79 & 100
2. Precinct 104: Titustown – Congressional Districts 2 & 3
3. Precinct 106: Second Presbyterian – House Districts 79 & 89
4. Precinct 218: Willard – House Districts 79 & 89
5. Precinct 305: Lafayette-Winona – House Districts 79, 89 & 90
6. Precinct 503: East Ocean View – House Districts 83 & 90

We also currently have split Senate Districts in the following precincts:

1. Precinct 203: Ghent Square – Senate Districts 5 & 6
2. Precinct 218: Willard -Senate Districts 5 & 6
3. Precinct 509: Tarrallton – Senate Districts 6 & 7

Attached are copies of our current Congressional, Senate and House District maps for the City of Norfolk to assist with your redistricting in the hopes of remedying precincts with split districts.

Should you have any questions or concerns, please call or email.

Thank you for your consideration and attention in this matter.

Stephanie L. Iles

CERA, VREO, & Virginia Certified General Registrar (2021)

Director of Elections & General Registrar

Norfolk Office of Elections

810 Union Street (City Hall Building)

Room 808

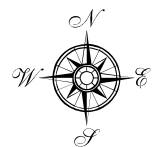
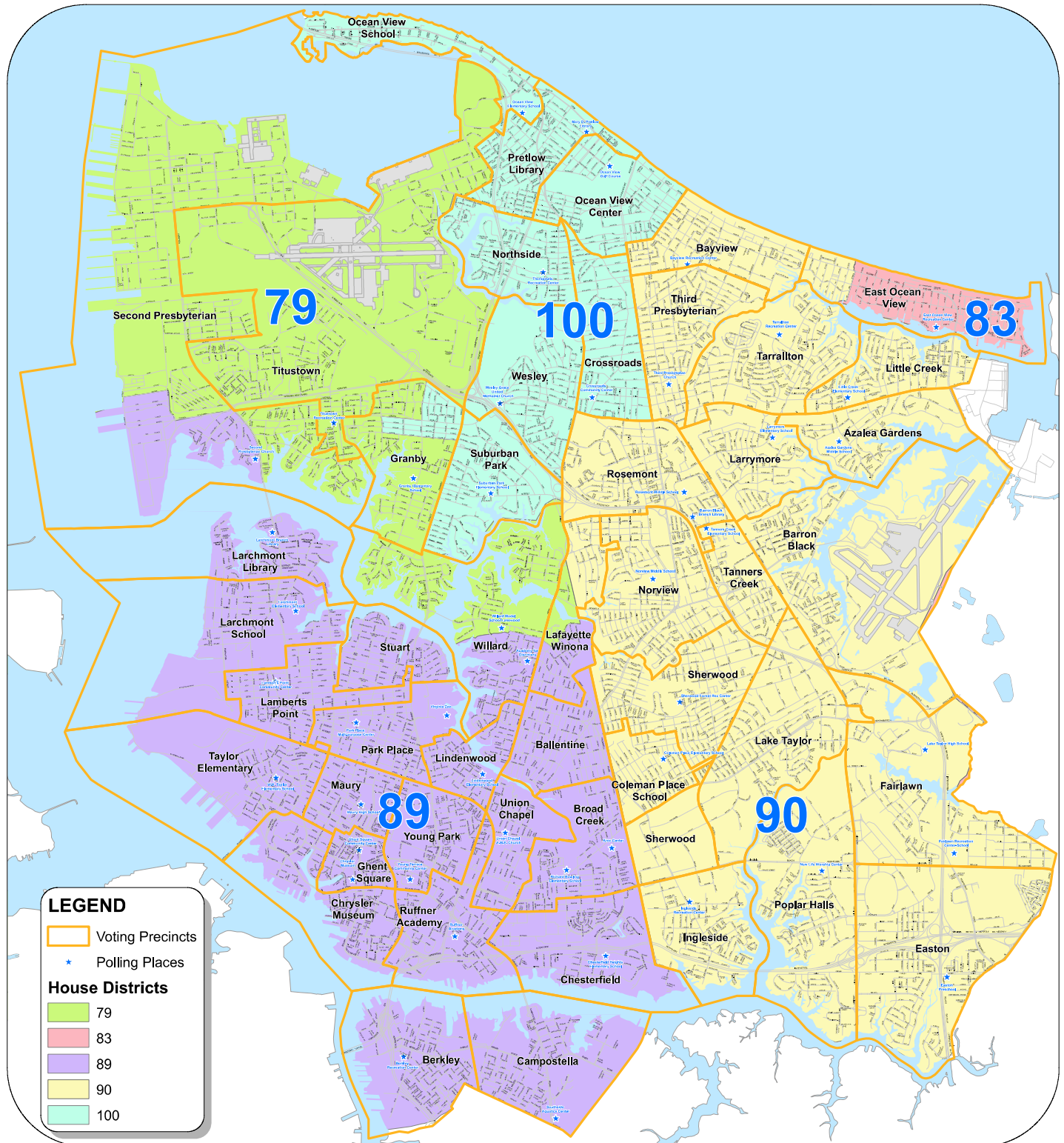
Norfolk, VA 23510

Phone: 757-664-4353/Fax: 757-664-4685

Email: Stephanie.Iles@norfolk.gov

House Districts & Polling Locations

City of Norfolk, Virginia



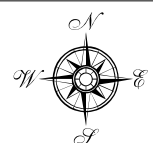
Senate Districts & Polling Locations

City of Norfolk, Virginia



Congressional Districts & Polling Locations

City of Norfolk, Virginia



From: [Kem Clawson](#)
To: [Redistricting](#)
Subject: Redistricting Comments
Date: Thursday, December 02, 2021 12:11:43 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

I reside in what is currently VA senate district 36.

I believe our districts should be non-partisan and aligned by communities as much as possible.

In my opinion, the current bounds of Senate district 36 do not represent communities well at all.

I am in SUPPORT of the last "Consensus" map presented by the VA Commission. (State Senate - Statewide C2)

--



Lorton VA 22079

From: [John Warner](#)
To: [Redistricting](#)
Subject: The Only Solution
Date: Thursday, December 02, 2021 12:44:15 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Ladies and Gentlemen:

The only way to establish a fair and equitable redistricting map is to eliminate humans from the actual district assignment process. The best and preferred method for each Virginia citizen to be assigned to a specific district is to use a computer-aided grid system. There are current grid systems and applicable charts that are available today. Have members of the Redistricting Committee select a viable grid system and get on with it.

As long as humans are directly involved in any type of district selection process, personnel opinions, prejudices, and preferences will interfere with a fair process. A computer-aided grid system will eliminate personal priorities and place citizens into population balanced districts without regard to the influences of gerrymandering. A computer program directed grid based on East-West and North-South construction can be developed to ensure districts are of equal population without any sort of political favoritism. District boundary lines will go through cities, small towns, mountain areas and bodies of water without regard to political influence. Let the boundary lines fall where they may and the result will be fair districts where each citizen's vote will count toward equitable representation.

A grid system eliminating human involvement is the only way to defeat gerrymandering and achieve fair redistricting for all Virginians.

John D. Warner, Jr. (Major, USAF, Ret.)
Yorktown, Virginia
December 2, 2021

From: [Greg Brandon](#)
To: [Redistricting](#)
Subject: Clerk: Redistricting Feedback from Fairfax County
Date: Thursday, December 02, 2021 4:52:18 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Hello,

As the Supreme Court of Virginia begins to consider redistricting maps for the Commonwealth, I wish to convey my thoughts as a citizen of Fairfax County.

Please do the minimum necessary to achieve the prescribed district-level variances. I think the variances should be the same for state house, state senate, and congressional districts - 10 percent.

This will avoid the likelihood of splitting precincts with lower variances. The onus will be on localities to heal the split precincts which will mean finding additional polling locations and recruiting and hiring more Election Officers.

Greg Brandon
McLean, Virginia

Muriel-Theresa Pitney,
Clerk of Court
Supreme Court of Virginia
100 North Ninth Street
Richmond, VA 23219

Dear Ms. Pitney:

I am submitting the following public comments for the special masters tasked with drawing new congressional district boundaries for the Commonwealth pursuant to the Rules and Procedures for Implementing the Requirements of Article II, Section 6-A of the Constitution of Virginia.

I am a native of and resident of Amelia County, located 35 miles southwest of Richmond. We are a rural county that is considered an exurb in the Richmond region. We border the counties of Chesterfield and Powhatan, which have experienced substantial population growth over the past decade as the Richmond suburbs have moved further west.

For almost 40 years Amelia County has been part of congressional districts that included counties to our east and north. As such, I am writing to you to advocate for keeping Amelia in a district with geographic communities of interest. Amelia is currently in the 7th congressional district. Prior to 2017 we were in the 4th district, which ran east to the Tidewater region. I have seen several draft maps that propose moving Amelia into the 5th district, which includes most of Southside Virginia. The last time Amelia was part of the 5th district was 1982 and it would not be respecting communities of interest to put the county in a Southside-anchored district now.

Most Amelia residents travel east to Richmond and its suburbs to work, shop and do activities. Also, our population is growing and has even more potential to do so over the next decade as more people relocate to the Richmond area, unlike most of Southside where population is declining. Therefore we have more in common with the communities and our neighbors to the north and east than we do with the Southside localities to our west. I ask that you take this into consideration as you draft the new congressional district boundaries.

Sincerely,

Lauren Whittington
17051 Red Lodge Lane
Amelia, VA 23002

From: [Rosalia Fajardo](#)
To: [Redistricting](#)
Subject: Rules and Regulations
Date: Friday, December 03, 2021 2:06:31 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

<https://www.virginiaredistricting.org/legdistricting/comments/plan/147/1>

In reference to the Rules and Procedures for Implementing the Requirements of Article II, Section 6-A," at the beginning of your email. Then simply link the maps you want to submit and whatever text you want to attach with them, eg "Please consider these maps created by our coalition.

Thank you.

Rosalia Fajardo
Executive Director/CEO
Multicultural Families
703 867-6529

Muriel-Theresa Pitney,
Clerk of Court
Supreme Court of Virginia
100 North Ninth Street
Richmond, VA 23219

Dear Ms. Pitney:

I am submitting the following public comments for the special masters tasked with drawing new congressional district boundaries for the Commonwealth pursuant to the Rules and Procedures for Implementing the Requirements of Article II, Section 6-A of the Constitution of Virginia.

I am a native of and resident of Amelia County, located 35 miles southwest of Richmond. We are a rural county that is considered an exurb in the Richmond region. We border the counties of Chesterfield and Powhatan, which have experienced substantial population growth over the past decade as the Richmond suburbs have moved further west.

For almost 40 years Amelia County has been part of congressional districts that included counties to our east and north. As such, I am writing to you to advocate for keeping Amelia in a district with geographic communities of interest. Amelia is currently in the 7th congressional district. Prior to 2017 we were in the 4th district, which ran east to the Tidewater region. I have seen several draft maps that propose moving Amelia into the 5th district, which includes most of Southside Virginia. The last time Amelia was part of the 5th district was 1982 and it would not be respecting communities of interest to put the county in a Southside-anchored district now.

Most Amelia residents travel east to Richmond and its suburbs to work, shop and do activities. Also, our population is growing and has even more potential to do so over the next decade as more people relocate to the Richmond area, unlike most of Southside where population is declining. Therefore we have more in common with the communities and our neighbors to the north and east than we do with the Southside localities to our west. I ask that you take this into consideration as you draft the new congressional district boundaries.

Sincerely,

Lauren Whittington
17051 Red Lodge Lane
Amelia, VA 23002

November 3, 2021

Muriel-Theresa Pitney
Clerk, Supreme Court of Virginia
100 North 9th Street, 5th Floor
Richmond, Virginia 23219

Dear Honorable Members of the Supreme Court of Virginia,

Fair Lines America is a non-partisan, not-for-profit organization based in Virginia dedicated to educating the public about the redistricting process and advocating through public education and litigation efforts for fair and constitutional redistricting. We write to the Court to express our concerns over the ongoing exclusion of central absentee votes in the election results data being used for redistricting purposes. In Virginia's 2021 election, 1,201,153 voters casted their vote via absentee ballots,¹ and as the process stands today, the political composition reports the Court and its special masters will use to draw and assess new congressional and legislative districts will act as though those voters do not exist. If these central absentee votes are not reallocated back to their originating districts and precincts in some form, then the election data being used for redistricting will be an incomplete and distorted version of the official election results as reported by the Virginia Department of Elections, and such errors will materially impede the court's ability to enact lawful redistricting plans using the best data available.

Attached to this letter is a data file containing statewide and district-based election results from 2016 to 2021 in Virginia, with one set of results excluding central absentee votes and one set of results reallocating central absentee votes back to their originating district and precinct. (See "**Attachment C**"). The discussion below will explain the methodology used to reallocate the central absentee votes in the accompanying data file and will highlight the anomalies and risks that come with using incomplete data when redistricting.

I. Methodology

In Virginia, votes cast prior to election day (Early Voting), by mail (Absentee Voting), and provisional votes are reported by electoral district within each jurisdiction, rather than by precinct. Elections for statewide and federal offices summarize these categories of votes by congressional district within each jurisdiction, while State Senate and House of Delegate elections are summarized by their respective district types within each jurisdiction. For example, Candidate A running for Governor received 1,000 early, absentee, or provisional votes in the portion of Fairfax County falling within the boundaries of the 8th Congressional District.

¹ Virginia Dep't of Elections, *2021 November General Election Absentee Statistics*, <https://results.elections.virginia.gov/vaelections/2021%20November%20General/Site/Statistics/Absentee.html> (Nov. 15, 2021).

Votes cast on election day at polling places are reported by district and precinct, with the district type again depending on the office. Using this election day data, one can calculate the share of the vote that each district portion of a precinct contributes to a candidate's jurisdiction-wide election day vote total within that same district. For example, if Candidate A running for Governor received 10 votes in the portion of Precinct 01 falling within the boundaries of the 8th Congressional District and received 100 votes in the portion of the jurisdiction falling within the boundaries of the 8th Congressional District, that precinct portion contributed 10% to the candidate's election day vote total.

That same ratio can then be used to estimate how many "centrally-reported" votes should be allocated to that precinct portion. Using the example above, 10% of the 1,000 early, absentee, or provisional votes that Candidate A received would be allocated to the portion of Precinct 01 falling within the boundary of the 8th Congressional District, or 100 votes. This would result in an estimated 110 total votes for Candidate A coming from that precinct portion. This process is then repeated for each candidate, precinct, and jurisdiction.

II. Discussion

Failing to properly account for and reallocate "central absentee precinct" votes back to their appropriate districts and precincts produces election results which are substantially and materially inaccurate when compared to those officially reported by the Virginia Department of Elections. These discrepancies range in magnitude from small differences in the final vote percentages received by candidates in a given race to large numbers of votes remaining uncounted, sometimes in such substantial quantities that it changes the winning candidate in a given election.

The general impact of failing to reallocate central absentee votes to the appropriate precincts can be seen when examining the 2020 and 2021 statewide races in Virginia. In the 2020 U.S. Presidential election, when central absentee votes are excluded from the district-by-district statewide election results, Donald Trump would appear to have won the state with 61.81% of the vote over Joe Biden's 35.62%. But the Virginia Department of Elections' official results, with central absentee votes included, show that Joe Biden received 54.08% of the vote, while Donald Trump received 43.98%. A similar trend appears in the 2021 Gubernatorial Election as well. With central absentee votes excluded, Glenn Youngkin would appear to have won the state with 56.72% over Terry McAuliffe's 42.44%, but the official election results with central absentee votes included show that Youngkin's true statewide margin of victory was far smaller, receiving 50.57% to McAuliffe's 48.64%.

The risks associated with not properly accounting for central absentee votes are even more pronounced in the context of district-based elections. For example, in Virginia's 2020 U.S. Congressional elections, central absentee votes were outcome determinative in four of the eleven races: Congressional Districts 2, 4, 7 and 10. If one were to look at election results for these

racess without properly accounting for central absentee votes, the Republican candidates would incorrectly appear to win all four, with margins of victory above 20% in three out of the four races. The official results with central absentee votes included, however, reveal the Democratic candidates won all four of those races. Although not outcome determinative, central absentee votes also significantly impact the final margins of victory in all of the remaining congressional races, causing changes of at least 27% or more in every district other than the 9th Congressional District.

These inaccuracies are even more numerous and widespread in the context of the 2021 Virginia House of Delegates elections. Central absentee votes were outcome determinative in nine House of Delegates races: Districts 10, 21, 31, 40, 51, 72, 73, 76, and 93. Without accounting for central absentee votes, the Republican candidates in each of these races would appear to have won, with margins of victory ranging from ~1.5% to ~11.5%. But including central absentee votes reveals that all of these races were actually won by the Democratic candidates, with margins of victory of at least 3% or more in all but one of the districts.

In addition to impacting the overall outcomes of certain races, failing to account for central absentee votes will also significantly misrepresent how competitive several of the House of Delegates races really were. The Virginia Department of Elections' official 2021 elections results show that the Democratic candidates won in House Districts 13, 34, 50, 68, and 94 by relatively comfortable margins (~8.5%, ~14%, ~9.5%, ~6.5%, and ~12%, respectively). But if these races were viewed without accounting for central absentee votes, the Democratic candidates' margins of victory drop to ~1%, ~2.5%, ~0.5%, ~1%, and ~1.5%, respectively, and one would believe these races were far more competitive than they really were on Election Day. And this distortion of competitiveness goes both ways. In 2021, Republican candidates won in House Districts 27, 28, 63, 83, 85, and 91, and if these races were considered without reallocated central absentee votes, the margins of victory in each would appear to be relatively safe at 9.5% or more. After including central absentee votes, however, the Republican candidates' true margins of victory are revealed as ranging from ~0% to ~3.5%.

Issues stemming from improperly allocated central absentee votes are not limited to changing the ultimate winners of races or inaccurately representing a district as competitive or not competitive; any inaccuracies in the final vote numbers and percentages for individual candidates across districts and precincts, even seemingly minor ones, will have compounding effects when used for redistricting purposes. Discrepancies in election results at the precinct level, even if small individually, add up when those precincts are joined together to form districts, and, in the absence of central absentee vote reallocation, could result in maps being adopted or districts being drawn which do not actually achieve the real-world result that the map-drawing authorities intended. Relatedly, if map drawers conduct analyses on newly drawn congressional or legislative districts using election results data that fail to repatriate central absentee votes to their appropriate precincts, the resulting reports will not be an accurate

representation of those districts' true political composition because the underlying preferences of central absentee voters residing therein are wholly excluded and the overall voting preferences of remaining voters will be improperly distorted.

III. Conclusion

Overall, when comparing election results without reallocated central absentee votes to those which do include them, a clear trend emerges – failing to reallocate central absentee votes to the appropriate districts and precincts has the effect of artificially inflating the level of Republican support in districts and precincts across the state while artificially deflating the level of Democratic support in those districts and precincts. Proceeding with the use of such erroneous data would have direct and serious implications on the accuracy of plan reports and the efforts of map-drawers to comply with Virginia's redistricting criteria, including the prohibition on undue favoring or disfavoring of political parties.

In the interest of providing data to this Court and its special masters, we have attached hereto a data file that uses the methodology described in Attachment A to allocate central absentee votes to precincts. (See compressed file "**Attachment D**").

While there may be other entirely reasonable methods available to make an appropriate allocation of central absentee votes to precincts for the purposes of redistricting political analysis, we are not taking the position that the specific methodology described in the attachment or included in the data files we submitted are the only reasonable method. Rather, this is the data allocation method we have selected and implemented on data provided to this Court, its special masters and the public with which to evaluate maps under consideration.

We urge the Court to direct its Special Masters to either utilize the data we are providing or to conduct their own reallocation of central absentee votes to their originating districts and precincts in some form to ensure Virginia's redistricting process and resulting maps accurately reflect the Commonwealth and its voters.

Sincerely,

Drew C. Marvel
Counsel to Fair Lines America

ATTACHMENT A

Virginia Central Absentee Allocation Methodology

In Virginia, votes cast prior to election day (Early Voting), by mail (Absentee Voting), and provisional votes are reported by electoral district within each jurisdiction, rather than by precinct. Elections for statewide and federal offices summarize these categories of votes by congressional district within each jurisdiction, while State Senate and House of Delegate elections are summarized by their respective district types within each jurisdiction. For example, Candidate A running for Governor received 1,000 early, absentee, or provisional votes in the portion of Fairfax County falling within the boundary of the 8th Congressional District.

Votes cast on election day at polling places are reported by district and precinct, with the district type again depending on the office. Using this election day data, one can calculate the share of the vote that each district portion of a precinct contributes to a candidate's jurisdiction-wide election day vote total within that same district. For example, if Candidate A running for Governor received 10 votes in the portion of Precinct 01 falling within the boundaries of the 8th Congressional District and received 100 votes in the portion of the jurisdiction falling within the boundaries of the 8th Congressional District, that precinct portion contributed 10% to the candidate's election day vote total.

That same ratio can then be used to estimate how many "centrally-reported" votes should be allocated to that precinct portion. Using the example above, 10% of the 1,000 early, absentee, or provisional votes that Candidate A received would be allocated to the portion of Precinct 01 falling within the boundary of the 8th Congressional District, or 100 votes. This would result in an estimated 110 total votes for Candidate A coming from that precinct portion. This process is then repeated for each candidate, precinct, and jurisdiction.

ATTACHMENT B

**Election Results Changes Looking at Precinct Only Data vs. Election Results Including
Central Absentee Votes****House of Delegates Races**

2021

- Changes Outcome of Race
 - **HD 10** – R+8.5% → D+10%
 - **HD 21** – R+9.5% → D+1%
 - **HD 31** – R+4.5% → D+4%
 - **HD 40** – R+3% → D+5.5%
 - **HD 51** – R+4% → D+7%
 - **HD 72** – R+3.5% → D+6%
 - **HD 73** – R+1.5% → D+5%
 - **HD 76** – R+1.5% → D+9.5%
 - **HD 93** – R+11.5% → D+3%
- Competitive -> Not Competitive
 - **HD 13** – **D+1 → D+8.5**
 - 50.47% D v. 49.31% R -> 54.21% D v. 45.60% R
 - **HD 34** – **D+2.5 → D+14**
 - 51.24% D v. 48.60% R -> 57.07% D v. 42.84% R
 - **HD 50** – **D+0.5 → D+9.5**
 - 50.16% D v. 49.61% R -> 54.71% D v. 45.10% R
 - **HD 68** – **D+1 → D+6.5**
 - 50.36% D v. 49.51% R -> 53.10% D v. 46.78% R
 - **HD 94** – **D+1.5 → D+12**
 - 50.61% D v. 49.19% R -> 55.99% D v. 43.79% R
- Not Competitive -> Competitive
 - **HD 27** – **R+10.5 → R+3.5**
 - 44.71% D v. 55.10% R -> 48.08% D v. 51.70% R
 - **HD 28** – **R+12 → R+2**
 - 43.92% D v. 55.96% R -> 48.93% D v. 50.95% R
 - **HD 63** – **R+11 → R+1.5**
 - 44.22% D v. 55.62% R -> 49.16% D v. 50.70% R
 - **HD 83** – **R+11 → R+2.5**
 - 44.37% D v. 55.49% R -> 48.77% D v. 51.11% R
 - **HD 85** – **R+9.5 → R+0.5**

- 45.02% D v. 54.86% R -> 49.73% v. 50.17% R
- **HD 91 – R+12.5 → R+0**
 - 42.79% D v. 55.28% R -> 49.03% D v. 49.26% R
- Substantial Swings
 - **HD 75 – R+14 → R+5**
 - 42.96% D v. 56.90% R -> 47.35% D v. 52.52% R
 - **HD 79 – D+4 → D+12.5**
 - 52.01% D v. 47.76 % R -> 56.06% D v. 43.61% R
 - **HD 96 – R+26.5 → R+11.5**
 - 36.69% D v. 63.19% R -> 44.15% D v. 55.73 % R
 - **HD 100 – R+28 → R+13**
 - 35.85% D v. 63.99% R -> 43.38% D v. 56.50% R

Governor's Race

2021

- Changes Outcome of Race
 - **CD 10**
 - 46.39% D v. 53.03% R -> 52.04% D v. 47.41% R
- Substantial Swings
 - **CD 1 – R+29 → R+18**
 - 35.15% D v. 64.12% R -> 40.71% D v. 58.60% R
 - **CD 2 – R+19 → R+8**
 - 40.01% D v. 59.11% R -> 45.50% D v. 53.72% R
 - **CD 3 – D+14 → D+25**
 - 56.36% D v. 42.44% R -> 61.87% D v. 37.01% R
 - **CD 4 – D+6 → D+13**
 - 52.14% D v. 46.10% R -> 55.92% D v. 42.61% R
 - **CD 5 – R+33 → R+20**
 - 33.17% D v. 66.25% R -> 39.72% D v. 59.69% R
 - **CD 6 – R+47 → R+33**
 - 26.08% D v. 73.19% R -> 33.29% D v. 66.00% R
 - **CD 7 – R+20.5 → R+10.5**
 - 39.29% D v. 59.90% R -> 44.29% D v. 54.96% R
 - **CD 8 – D+35 → D+45.5**
 - 67.16% D v. 32.08% R -> 72.45% D v. 26.84% R
 - **CD 9 – R+61 → R+50**
 - 19.16% D v. 80.25% R -> 24.82% D v. 74.56% R
 - **CD 11 – D+24 → D+34**
 - 61.43% D v. 37.75% R -> 66.65% D v. 32.60% R

Congressional Races

2020

- Changes Outcome of Race
 - **CD 2**
 - 37.10% D v. 59.67% R -> 51.53% D v. 45.79% R
 - **CD 4**
 - 49.31% D v. 50.49% R -> 61.61% D v. 38.23 % R
 - **CD 7**
 - 34.42% D v. 65.33% R -> 50.81% D v. 48.99% R
 - **CD 10**
 - 37.33% D v. 62.49% R -> 56.50% D v. 43.36% R
- Substantial Swings
 - **CD 1 – R+48 → R+16.5**
 - 25.95% D v. 73.90% R -> 41.70% D v. 58.15% R
 - **CD 3 – D+10 → D+37**
 - 54.89% D v. 44.79% R -> 68.33% D v. 31.42% R
 - **CD 5 – R+37.5 → R+5**
 - 31.05% D v. 68.61% R -> 47.30% D v. 52.44% R
 - **CD 6 – R+59.5 → R+29**
 - 20.08% D v. 79.78% R -> 35.28% D v. 64.59% R
 - **CD 8 – D+15 → D+52**
 - 57.46% D v. 42.20% R -> 75.73% D v. 23.96% R
 - **CD 11 – D+11 → D+43**
 - 55.39% D v. 44.26% R -> 71.34% D v. 28.30% R

Presidential Race

2020

- Changes Outcome of Race
 - **CD 2**
 - 35.79% D v. 61.10% R -> 51.22% D v. 46.53% R
 - **CD 4**
 - 48.73% D v. 48.77% R -> 61.58% D v. 36.68% R
 - **CD 7**
 - 32.50% D v. 64.97% R -> 49.62% D v. 48.51% R
 - **CD 10**
 - 38.27% D v. 58.89% R -> 58.57% D v. 39.36% R
- Substantial Swings
 - **CD 1 – R+40 → R+4.5**

- 28.93% D v. 68.66% R -> 46.87% D v. 51.23 % R
- **CD 3 – D+7.5 → D+35.5**
 - 52.16% D v. 44.89% R -> 66.86% D v. 31.11% R
- **CD 5 – R+41.5 → R+8.5**
 - 28.21%D v. 69.76% R -> 44.96% D v. 53.39% R
- **CD 6 – R+53.5 → R+21**
 - 21.99% D v. 75.46% R -> 38.40% D v. 59.50% R
- **CD 8 – D+20 → D+56**
 - 58.11% D v. 38.24% R -> 76.90% D v. 20.92% R
- **CD 9 – R+66 → R+42**
 - 16.10% D v. 82.29% R -> 28.28% D v. 70.24 % R
- **CD 11 – D+11.5 → D+41.5**
 - 54.25% D v. 42.79% R -> 69.84% D v. 28.09% R

**2016-2021 Virginia Election Results Tables: Excluding Absentee Votes v. With Absentee
Results**

2021 Elections

- Governor – pg. 2-3
- Lieutenant Governor – pg. 4-5
- Attorney General – pg. 6-7
- Virginia House of Delegates – pg. 8-15

2020 Elections

- President – pg. 16-17
- U.S. Senate – pg. 18-19
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2019 Elections

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2018 Elections

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2017 Elections

- Governor – pg. 41-42
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2016 Elections

- President – pg. 55-56
- U.S. House of Representatives – pg. 57-58
- Virginia Senate – pg. 59-60
- Virginia House of Delegates – pg. 61-62

ElectionName	2021 November General
OfficeCode	GOV

Results Exluding Absentees

Sum of CandidateVotes	Column Labels				
Row Labels	GE21GOVD	GE21GOVO	GE21GOVR	GE21GOVW	Grand Total
Congressional	42.44%	0.75%	56.72%	0.09%	100.00%
1	35.15%	0.68%	64.12%	0.06%	100.00%
2	40.01%	0.81%	59.11%	0.07%	100.00%
3	56.36%	1.10%	42.44%	0.11%	100.00%
4	52.14%	1.66%	46.10%	0.09%	100.00%
5	33.17%	0.51%	66.25%	0.07%	100.00%
6	26.08%	0.65%	73.19%	0.08%	100.00%
7	39.29%	0.74%	59.90%	0.07%	100.00%
8	67.16%	0.61%	32.08%	0.14%	100.00%
9	19.16%	0.52%	80.25%	0.07%	100.00%
10	46.39%	0.48%	53.03%	0.10%	100.00%
11	61.43%	0.69%	37.75%	0.12%	100.00%
Grand Total	42.44%	0.75%	56.72%	0.09%	100.00%

ElectionName	2021 November General
OfficeCode	GOV

Results With Absentees

Sum of CandidateVotes	Column Labels				
Row Labels	GE21GOVD	GE21GOVO	GE21GOVR	GE21GOVW	Grand Total
Congressional	48.64%	0.70%	50.57%	0.08%	100.00%
1	40.71%	0.63%	58.60%	0.06%	100.00%
2	45.50%	0.72%	53.72%	0.06%	100.00%
3	61.87%	1.03%	37.01%	0.09%	100.00%
4	55.92%	1.39%	42.61%	0.08%	100.00%
5	39.72%	0.52%	59.69%	0.06%	100.00%
6	33.29%	0.63%	66.00%	0.07%	100.00%
7	44.29%	0.68%	54.96%	0.06%	100.00%
8	72.45%	0.58%	26.84%	0.12%	100.00%
9	24.82%	0.55%	74.56%	0.07%	100.00%
10	52.04%	0.46%	47.41%	0.09%	100.00%
11	66.65%	0.65%	32.60%	0.10%	100.00%
Grand Total	48.64%	0.70%	50.57%	0.08%	100.00%

ElectionName	2021 November General
OfficeCode	LTG

Results Exluding Absentees

Sum of CandidateVotes	Column Labels			
Row Labels	GE21LTGD	GE21LTGR	GE21LTGW	Grand Total
Congressional	43.13%	56.74%	0.13%	100.00%
1	35.75%	64.15%	0.10%	100.00%
2	40.41%	59.49%	0.10%	100.00%
3	56.76%	43.09%	0.14%	100.00%
4	53.28%	46.56%	0.16%	100.00%
5	33.63%	66.28%	0.09%	100.00%
6	26.77%	73.12%	0.11%	100.00%
7	39.99%	59.90%	0.11%	100.00%
8	68.01%	31.80%	0.20%	100.00%
9	20.04%	79.86%	0.10%	100.00%
10	47.03%	52.84%	0.13%	100.00%
11	62.31%	37.51%	0.18%	100.00%
Grand Total	43.13%	56.74%	0.13%	100.00%

ElectionName	2021 November General
OfficeCode	LTG

Results With Absentees

Sum of CandidateVotes	Column Labels			
Row Labels	GE21LTGD	GE21LTGR	GE21LTGW	Grand Total
Congressional	49.18%	50.71%	0.12%	100.00%
1	41.20%	58.71%	0.09%	100.00%
2	45.74%	54.17%	0.09%	100.00%
3	62.10%	37.77%	0.13%	100.00%
4	56.77%	43.10%	0.14%	100.00%
5	40.14%	59.78%	0.08%	100.00%
6	33.81%	66.08%	0.11%	100.00%
7	44.86%	55.04%	0.10%	100.00%
8	73.10%	26.73%	0.17%	100.00%
9	25.61%	74.29%	0.10%	100.00%
10	52.46%	47.42%	0.12%	100.00%
11	67.32%	32.53%	0.15%	100.00%
Grand Total	49.18%	50.71%	0.12%	100.00%

ElectionName	2021 November General
OfficeCode	ATG

Results Exluding Absentees

Sum of CandidateVotes	Column Labels			
Row Labels	GE21ATGD	GE21ATGR	GE21ATGW	Grand Total
Congressional	43.57%	56.33%	0.10%	100.00%
1	36.06%	63.86%	0.08%	100.00%
2	40.85%	59.07%	0.08%	100.00%
3	57.72%	42.16%	0.12%	100.00%
4	53.91%	45.96%	0.13%	100.00%
5	34.29%	65.64%	0.07%	100.00%
6	27.40%	72.51%	0.09%	100.00%
7	40.18%	59.73%	0.09%	100.00%
8	68.26%	31.60%	0.14%	100.00%
9	20.11%	79.81%	0.08%	100.00%
10	47.59%	52.29%	0.11%	100.00%
11	62.65%	37.20%	0.15%	100.00%
Grand Total	43.57%	56.33%	0.10%	100.00%

ElectionName	2021 November General
OfficeCode	ATG

Results With Absentees

Sum of CandidateVotes	Column Labels			
Row Labels	GE21ATGD	GE21ATGR	GE21ATGW	Grand Total
Congressional	49.55%	50.36%	0.09%	100.00%
1	41.43%	58.49%	0.07%	100.00%
2	46.09%	53.84%	0.07%	100.00%
3	62.98%	36.91%	0.12%	100.00%
4	57.21%	42.66%	0.12%	100.00%
5	40.68%	59.25%	0.06%	100.00%
6	34.44%	65.48%	0.08%	100.00%
7	44.94%	54.98%	0.08%	100.00%
8	73.31%	26.57%	0.12%	100.00%
9	25.76%	74.17%	0.08%	100.00%
10	52.99%	46.92%	0.09%	100.00%
11	67.62%	32.26%	0.12%	100.00%
Grand Total	49.55%	50.36%	0.09%	100.00%

ElectionName	2021 November General
OfficeCode	SLL

Results Exluding Absentees

Sum of CandidateVotes	Column Labels					
Row Labels	GE21SLLD	GE21SLLI	GE21SLLL	GE21SLLR	GE21SLLW	Grand Total
House of Delegates	41.68%	0.40%	0.11%	57.40%	0.41%	100.00%
1	0.00%	0.00%	0.00%	97.62%	2.38%	100.00%
2	52.17%	0.00%	0.00%	47.60%	0.23%	100.00%
3	0.00%	0.00%	0.00%	98.25%	1.75%	100.00%
4	0.00%	0.00%	0.00%	96.88%	3.12%	100.00%
5	0.00%	0.00%	0.00%	99.23%	0.77%	100.00%
6	0.00%	0.00%	0.00%	97.50%	2.50%	100.00%
7	27.35%	0.00%	0.00%	72.29%	0.36%	100.00%
8	22.04%	0.00%	0.00%	77.23%	0.73%	100.00%
9	18.20%	0.00%	0.00%	81.52%	0.27%	100.00%
10	45.79%	0.00%	0.00%	54.06%	0.15%	100.00%
11	57.58%	0.00%	0.00%	42.21%	0.21%	100.00%
12	37.32%	0.00%	0.00%	62.14%	0.53%	100.00%
13	50.47%	0.00%	0.00%	49.31%	0.22%	100.00%
14	30.91%	0.00%	0.00%	68.99%	0.10%	100.00%
15	15.77%	0.00%	0.00%	84.10%	0.13%	100.00%
16	26.30%	0.00%	0.00%	73.60%	0.10%	100.00%
17	0.00%	0.00%	0.00%	94.45%	5.55%	100.00%
18	26.80%	0.00%	0.00%	73.06%	0.14%	100.00%
19	15.38%	0.00%	2.04%	82.43%	0.15%	100.00%
20	28.84%	0.00%	0.00%	71.06%	0.10%	100.00%
21	45.23%	0.00%	0.00%	54.63%	0.14%	100.00%
22	19.87%	0.00%	1.67%	78.30%	0.16%	100.00%
23	26.10%	0.00%	0.00%	73.73%	0.18%	100.00%
24	19.70%	0.00%	0.00%	80.08%	0.23%	100.00%
25	31.12%	0.00%	0.00%	68.72%	0.16%	100.00%
26	34.09%	0.00%	0.00%	65.74%	0.16%	100.00%
27	44.71%	0.00%	0.00%	55.10%	0.19%	100.00%
28	43.92%	0.00%	0.00%	55.96%	0.12%	100.00%

29	26.20%	0.00%	0.00%	73.68%	0.11%	100.00%
30	28.03%	0.00%	0.00%	71.84%	0.13%	100.00%
31	47.60%	0.00%	0.00%	52.22%	0.18%	100.00%
32	54.09%	2.35%	0.00%	43.36%	0.20%	100.00%
33	35.84%	0.00%	0.00%	64.03%	0.13%	100.00%
34	51.24%	0.00%	0.00%	48.60%	0.16%	100.00%
35	62.38%	0.00%	0.00%	37.45%	0.17%	100.00%
36	66.09%	0.00%	0.00%	33.68%	0.23%	100.00%
37	61.95%	0.00%	0.00%	37.86%	0.19%	100.00%
38	63.74%	0.00%	0.00%	35.92%	0.34%	100.00%
39	62.22%	0.00%	0.00%	37.53%	0.25%	100.00%
40	48.35%	0.00%	0.00%	51.53%	0.11%	100.00%
41	60.22%	0.00%	0.00%	39.59%	0.19%	100.00%
42	56.04%	0.00%	0.00%	43.76%	0.20%	100.00%
43	65.77%	0.00%	0.00%	34.08%	0.15%	100.00%
44	62.88%	0.00%	0.00%	36.97%	0.15%	100.00%
45	69.85%	0.00%	0.00%	29.85%	0.30%	100.00%
46	91.44%	0.00%	0.00%	0.00%	8.56%	100.00%
47	72.52%	0.00%	0.00%	27.23%	0.25%	100.00%
48	65.65%	0.00%	0.00%	34.13%	0.22%	100.00%
49	72.70%	4.42%	0.00%	22.70%	0.18%	100.00%
50	50.16%	0.00%	0.00%	49.61%	0.23%	100.00%
51	47.80%	0.00%	0.00%	52.07%	0.13%	100.00%
52	66.18%	0.00%	0.00%	33.57%	0.25%	100.00%
53	65.65%	0.00%	0.00%	34.14%	0.21%	100.00%
54	34.43%	0.00%	0.00%	65.44%	0.13%	100.00%
55	31.16%	0.00%	0.00%	68.74%	0.11%	100.00%
56	33.28%	0.00%	0.00%	66.56%	0.16%	100.00%
57	74.38%	0.00%	0.00%	25.39%	0.24%	100.00%
58	29.18%	0.00%	0.00%	70.72%	0.10%	100.00%
59	25.60%	3.08%	0.00%	71.20%	0.12%	100.00%
60	0.00%	0.00%	0.00%	95.69%	4.31%	100.00%
61	26.55%	0.00%	2.38%	70.99%	0.09%	100.00%
62	40.05%	0.00%	0.00%	59.69%	0.26%	100.00%

63	44.22%	0.00%	0.00%	55.62%	0.15%	100.00%
64	30.14%	0.00%	0.00%	69.75%	0.10%	100.00%
65	29.23%	0.00%	0.00%	70.62%	0.14%	100.00%
66	44.92%	0.00%	0.00%	54.77%	0.31%	100.00%
67	55.47%	0.00%	0.00%	44.37%	0.16%	100.00%
68	50.36%	0.00%	0.00%	49.51%	0.13%	100.00%
69	83.09%	0.00%	0.00%	16.75%	0.16%	100.00%
70	68.14%	31.00%	0.00%	0.00%	0.86%	100.00%
71	83.89%	0.00%	0.00%	15.84%	0.27%	100.00%
72	48.15%	0.00%	0.00%	51.67%	0.18%	100.00%
73	49.06%	0.00%	0.00%	50.80%	0.14%	100.00%
74	68.19%	0.00%	0.00%	31.46%	0.36%	100.00%
75	42.96%	0.00%	0.00%	56.90%	0.14%	100.00%
76	47.66%	2.87%	0.00%	49.31%	0.17%	100.00%
77	56.23%	0.00%	0.00%	43.37%	0.41%	100.00%
78	28.22%	0.00%	0.00%	71.55%	0.23%	100.00%
79	52.01%	0.00%	0.00%	47.76%	0.23%	100.00%
80	60.35%	0.00%	0.00%	39.45%	0.20%	100.00%
81	35.39%	0.00%	0.00%	64.22%	0.39%	100.00%
82	36.14%	0.00%	0.00%	63.77%	0.09%	100.00%
83	44.37%	0.00%	0.00%	55.49%	0.14%	100.00%
84	39.99%	0.00%	0.00%	59.82%	0.20%	100.00%
85	45.02%	0.00%	0.00%	54.86%	0.12%	100.00%
86	59.81%	0.00%	0.00%	39.88%	0.31%	100.00%
87	54.83%	0.00%	0.00%	45.03%	0.14%	100.00%
88	35.82%	0.00%	2.06%	62.01%	0.10%	100.00%
89	76.93%	0.00%	0.00%	22.75%	0.32%	100.00%
90	58.47%	0.00%	0.00%	41.28%	0.25%	100.00%
91	42.79%	0.00%	1.81%	55.28%	0.12%	100.00%
92	68.57%	0.00%	0.00%	31.19%	0.23%	100.00%
93	44.78%	0.00%	0.00%	55.09%	0.13%	100.00%
94	50.61%	0.00%	0.00%	49.19%	0.20%	100.00%
95	58.96%	0.00%	0.00%	40.82%	0.22%	100.00%
96	36.69%	0.00%	0.00%	63.19%	0.12%	100.00%

97	23.65%	0.00%	0.00%	76.05%	0.30%	100.00%
98	22.97%	0.00%	0.00%	76.91%	0.12%	100.00%
99	29.14%	0.00%	0.00%	70.76%	0.09%	100.00%
100	35.86%	0.00%	0.00%	63.99%	0.15%	100.00%
Grand Total	41.68%	0.40%	0.11%	57.40%	0.41%	100.00%

ElectionName	2021 November General
OfficeCode	SLL

Results With Absentees

Sum of CandidateVotes	Column Labels					
Row Labels	GE21SLLD	GE21SLLI	GE21SLLL	GE21SLLR	GE21SLLW	Grand Total
House of Delegates	47.54%	0.38%	0.09%	51.56%	0.43%	100.00%
1	0.00%	0.00%	0.00%	97.33%	2.67%	100.00%
2	57.21%	0.00%	0.00%	42.57%	0.22%	100.00%
3	0.00%	0.00%	0.00%	97.79%	2.21%	100.00%
4	0.00%	0.00%	0.00%	95.84%	4.16%	100.00%
5	0.00%	0.00%	0.00%	98.86%	1.14%	100.00%
6	0.00%	0.00%	0.00%	96.81%	3.19%	100.00%
7	33.96%	0.00%	0.00%	65.66%	0.38%	100.00%
8	28.51%	0.00%	0.00%	70.72%	0.77%	100.00%
9	23.09%	0.00%	0.00%	76.62%	0.29%	100.00%
10	50.92%	0.00%	0.00%	48.94%	0.14%	100.00%
11	64.49%	0.00%	0.00%	35.34%	0.16%	100.00%
12	44.57%	0.00%	0.00%	55.08%	0.35%	100.00%
13	54.21%	0.00%	0.00%	45.60%	0.18%	100.00%
14	34.31%	0.00%	0.00%	65.58%	0.12%	100.00%
15	22.19%	0.00%	0.00%	77.69%	0.12%	100.00%
16	29.93%	0.00%	0.00%	69.94%	0.13%	100.00%
17	0.00%	0.00%	0.00%	92.85%	7.15%	100.00%
18	33.94%	0.00%	0.00%	65.92%	0.14%	100.00%
19	19.69%	0.00%	1.82%	78.31%	0.18%	100.00%
20	36.21%	0.00%	0.00%	63.71%	0.08%	100.00%
21	50.51%	0.00%	0.00%	49.37%	0.12%	100.00%
22	25.56%	0.00%	1.63%	72.65%	0.16%	100.00%
23	33.24%	0.00%	0.00%	66.57%	0.19%	100.00%
24	26.71%	0.00%	0.00%	73.09%	0.20%	100.00%
25	37.67%	0.00%	0.00%	62.18%	0.16%	100.00%
26	40.60%	0.00%	0.00%	59.25%	0.15%	100.00%
27	48.08%	0.00%	0.00%	51.70%	0.21%	100.00%
28	48.93%	0.00%	0.00%	50.95%	0.12%	100.00%

29	33.37%	0.00%	0.00%	66.52%	0.12%	100.00%
30	34.44%	0.00%	0.00%	65.42%	0.14%	100.00%
31	52.04%	0.00%	0.00%	47.81%	0.15%	100.00%
32	57.89%	2.15%	0.00%	39.79%	0.17%	100.00%
33	41.69%	0.00%	0.00%	58.18%	0.12%	100.00%
34	57.07%	0.00%	0.00%	42.82%	0.11%	100.00%
35	68.73%	0.00%	0.00%	31.13%	0.14%	100.00%
36	71.66%	0.00%	0.00%	28.15%	0.19%	100.00%
37	66.75%	0.00%	0.00%	33.08%	0.17%	100.00%
38	68.85%	0.00%	0.00%	30.82%	0.33%	100.00%
39	66.45%	0.00%	0.00%	33.31%	0.24%	100.00%
40	52.65%	0.00%	0.00%	47.26%	0.10%	100.00%
41	65.14%	0.00%	0.00%	34.66%	0.20%	100.00%
42	60.01%	0.00%	0.00%	39.83%	0.15%	100.00%
43	70.17%	0.00%	0.00%	29.70%	0.13%	100.00%
44	67.74%	0.00%	0.00%	32.13%	0.14%	100.00%
45	73.68%	0.00%	0.00%	26.05%	0.28%	100.00%
46	92.19%	0.00%	0.00%	0.00%	7.81%	100.00%
47	78.21%	0.00%	0.00%	21.51%	0.28%	100.00%
48	72.13%	0.00%	0.00%	27.63%	0.24%	100.00%
49	76.54%	3.88%	0.00%	19.38%	0.20%	100.00%
50	54.71%	0.00%	0.00%	45.10%	0.19%	100.00%
51	53.41%	0.00%	0.00%	46.47%	0.12%	100.00%
52	70.04%	0.00%	0.00%	29.76%	0.19%	100.00%
53	71.96%	0.00%	0.00%	27.86%	0.18%	100.00%
54	39.03%	0.00%	0.00%	60.86%	0.11%	100.00%
55	36.07%	0.00%	0.00%	63.81%	0.12%	100.00%
56	38.23%	0.00%	0.00%	61.63%	0.14%	100.00%
57	78.47%	0.00%	0.00%	21.30%	0.23%	100.00%
58	36.70%	0.00%	0.00%	63.21%	0.09%	100.00%
59	32.21%	3.12%	0.00%	64.56%	0.12%	100.00%
60	0.00%	0.00%	0.00%	94.97%	5.03%	100.00%
61	30.29%	0.00%	2.17%	67.47%	0.06%	100.00%
62	43.38%	0.00%	0.00%	56.39%	0.23%	100.00%

63	49.16%	0.00%	0.00%	50.70%	0.14%	100.00%
64	34.95%	0.00%	0.00%	64.95%	0.10%	100.00%
65	33.84%	0.00%	0.00%	66.01%	0.15%	100.00%
66	47.41%	0.00%	0.00%	52.32%	0.27%	100.00%
67	60.66%	0.00%	0.00%	39.22%	0.12%	100.00%
68	53.10%	0.00%	0.00%	46.78%	0.12%	100.00%
69	85.22%	0.00%	0.00%	14.65%	0.13%	100.00%
70	71.53%	27.72%	0.00%	0.00%	0.75%	100.00%
71	85.58%	0.00%	0.00%	14.19%	0.23%	100.00%
72	52.98%	0.00%	0.00%	46.85%	0.17%	100.00%
73	52.45%	0.00%	0.00%	47.42%	0.13%	100.00%
74	72.59%	0.00%	0.00%	27.05%	0.36%	100.00%
75	47.35%	0.00%	0.00%	52.52%	0.13%	100.00%
76	53.33%	2.57%	0.00%	43.95%	0.15%	100.00%
77	61.08%	0.00%	0.00%	38.62%	0.30%	100.00%
78	33.87%	0.00%	0.00%	65.96%	0.17%	100.00%
79	56.06%	0.00%	0.00%	43.61%	0.33%	100.00%
80	66.08%	0.00%	0.00%	33.71%	0.21%	100.00%
81	41.77%	0.00%	0.00%	57.70%	0.54%	100.00%
82	40.57%	0.00%	0.00%	59.35%	0.08%	100.00%
83	48.77%	0.00%	0.00%	51.11%	0.12%	100.00%
84	44.18%	0.00%	0.00%	55.63%	0.19%	100.00%
85	49.73%	0.00%	0.00%	50.17%	0.10%	100.00%
86	65.41%	0.00%	0.00%	34.29%	0.31%	100.00%
87	58.42%	0.00%	0.00%	41.44%	0.13%	100.00%
88	40.74%	0.00%	1.82%	57.36%	0.08%	100.00%
89	79.85%	0.00%	0.00%	19.86%	0.29%	100.00%
90	64.46%	0.00%	0.00%	35.31%	0.23%	100.00%
91	49.03%	0.00%	1.50%	49.36%	0.11%	100.00%
92	73.74%	0.00%	0.00%	26.02%	0.25%	100.00%
93	51.57%	0.00%	0.00%	48.31%	0.12%	100.00%
94	55.99%	0.00%	0.00%	43.79%	0.22%	100.00%
95	63.50%	0.00%	0.00%	36.28%	0.22%	100.00%
96	44.15%	0.00%	0.00%	55.73%	0.11%	100.00%

97	27.30%	0.00%	0.00%	72.39%	0.31%	100.00%
98	27.96%	0.00%	0.00%	71.92%	0.12%	100.00%
99	34.53%	0.00%	0.00%	65.38%	0.10%	100.00%
100	43.38%	0.00%	0.00%	56.50%	0.12%	100.00%
Grand Total	47.54%	0.38%	0.09%	51.56%	0.43%	100.00%

ElectionName	2020 November General
OfficeCode	PRS

Results Excluding Absentees

Sum of CandidateVotes	Column Labels				
Row Labels	GE20PRSD	GE20PRSL	GE20PRSR	GE20PRSW	Grand Total
Congressional	35.62%	2.02%	61.81%	0.55%	100.00%
1	28.93%	2.05%	68.66%	0.36%	100.00%
2	35.79%	2.59%	61.10%	0.52%	100.00%
3	52.16%	2.42%	44.89%	0.53%	100.00%
4	48.73%	1.99%	48.77%	0.52%	100.00%
5	28.21%	1.65%	69.76%	0.38%	100.00%
6	21.99%	2.11%	75.46%	0.44%	100.00%
7	32.50%	2.05%	64.97%	0.48%	100.00%
8	58.11%	2.20%	38.34%	1.34%	100.00%
9	16.10%	1.35%	82.29%	0.26%	100.00%
10	38.27%	2.07%	58.89%	0.77%	100.00%
11	54.25%	2.06%	42.79%	0.90%	100.00%
Grand Total	35.62%	2.02%	61.81%	0.55%	100.00%

ElectionName	2020 November General
OfficeCode	PRS

Results With Absentees

Sum of CandidateVotes	Column Labels				
Row Labels	GE20PRSD	GE20PRSL	GE20PRSR	GE20PRSW	Grand Total
Congressional	54.08%	1.45%	43.98%	0.49%	100.00%
1	46.87%	1.52%	51.23%	0.38%	100.00%
2	51.22%	1.80%	46.53%	0.45%	100.00%
3	66.86%	1.59%	31.11%	0.43%	100.00%
4	61.58%	1.33%	36.68%	0.41%	100.00%
5	44.96%	1.29%	53.39%	0.36%	100.00%
6	38.40%	1.66%	59.50%	0.44%	100.00%
7	49.62%	1.47%	48.51%	0.40%	100.00%
8	76.90%	1.30%	20.92%	0.88%	100.00%
9	28.28%	1.20%	70.24%	0.28%	100.00%
10	58.57%	1.45%	39.36%	0.62%	100.00%
11	69.84%	1.38%	28.09%	0.69%	100.00%
Grand Total	54.08%	1.45%	43.98%	0.49%	100.00%

ElectionName	2020 November General
OfficeCode	USS

Results Exluding Absentees

Sum of CandidateVotes	Column Labels			
Row Labels	GE20USSD	GE20USSR	GE20USSW	Grand Total
Congressional	39.15%	60.71%	0.14%	100.00%
1	32.02%	67.86%	0.12%	100.00%
2	39.90%	59.96%	0.14%	100.00%
3	55.91%	43.90%	0.18%	100.00%
4	51.15%	48.71%	0.13%	100.00%
5	32.54%	67.35%	0.11%	100.00%
6	26.45%	73.44%	0.12%	100.00%
7	35.17%	64.69%	0.14%	100.00%
8	59.36%	40.44%	0.21%	100.00%
9	23.03%	76.85%	0.12%	100.00%
10	40.24%	59.61%	0.14%	100.00%
11	56.43%	43.40%	0.18%	100.00%
Grand Total	39.15%	60.71%	0.14%	100.00%

ElectionName	2020 November General
OfficeCode	USS

Results With Absentees

Sum of CandidateVotes	Column Labels				
Row Labels	GE20USSD	GE20USSR	GE20USSW	Grand Total	
Congressional	55.98%	43.90%	0.12%	100.00%	
1	48.85%	51.04%	0.11%	100.00%	
2	53.50%	46.37%	0.13%	100.00%	
3	68.94%	30.92%	0.14%	100.00%	
4	62.90%	36.99%	0.11%	100.00%	
5	48.07%	51.84%	0.09%	100.00%	
6	41.69%	58.22%	0.10%	100.00%	
7	51.12%	48.77%	0.11%	100.00%	
8	76.43%	23.41%	0.16%	100.00%	
9	34.11%	65.77%	0.12%	100.00%	
10	59.18%	40.70%	0.12%	100.00%	
11	70.00%	29.83%	0.17%	100.00%	
Grand Total	55.98%	43.90%	0.12%	100.00%	

ElectionName	2020 November General
OfficeCode	USR

Results Exluding Absentees

Sum of CandidateVotes	Column Labels				
Row Labels	GE20USRD	GE20USRI	GE20USRR	GE20USRW	Grand Total
Congressional	34.50%	0.27%	64.72%	0.50%	100.00%
1	25.96%	0.00%	73.90%	0.14%	100.00%
2	37.10%	3.07%	59.67%	0.16%	100.00%
3	54.89%	0.00%	44.79%	0.33%	100.00%
4	49.31%	0.00%	50.49%	0.20%	100.00%
5	31.05%	0.00%	68.61%	0.34%	100.00%
6	20.08%	0.00%	79.78%	0.14%	100.00%
7	34.42%	0.00%	65.33%	0.25%	100.00%
8	57.46%	0.00%	42.20%	0.34%	100.00%
9	0.00%	0.00%	97.05%	2.95%	100.00%
10	37.33%	0.00%	62.49%	0.18%	100.00%
11	55.39%	0.00%	44.26%	0.35%	100.00%
Grand Total	34.50%	0.27%	64.72%	0.50%	100.00%

ElectionName	2020 November General
OfficeCode	USR

Results With Absentees

Sum of CandidateVotes	Column Labels				
Row Labels	GE20USRD	GE20USRI	GE20USRR	GE20USRW	Grand Total
Congressional	51.98%	0.21%	47.22%	0.60%	100.00%
1	41.70%	0.00%	58.14%	0.15%	100.00%
2	51.53%	2.54%	45.79%	0.13%	100.00%
3	68.33%	0.00%	31.42%	0.25%	100.00%
4	61.61%	0.00%	38.23%	0.16%	100.00%
5	47.30%	0.00%	52.44%	0.26%	100.00%
6	35.28%	0.00%	64.59%	0.13%	100.00%
7	50.81%	0.00%	48.99%	0.19%	100.00%
8	75.73%	0.00%	23.96%	0.31%	100.00%
9	0.00%	0.00%	93.97%	6.03%	100.00%
10	56.50%	0.00%	43.36%	0.14%	100.00%
11	71.34%	0.00%	28.30%	0.36%	100.00%
Grand Total	51.98%	0.21%	47.22%	0.60%	100.00%

ElectionName	2020 November General
OfficeCode	SLL

Results Exluding Absentees

Sum of CandidateVotes	Column Labels			
Row Labels	GE20SLLD	GE20SLLR	GE20SLLW	Grand Total
House of Delegates	20.99%	78.78%	0.23%	100.00%
29	20.99%	78.78%	0.23%	100.00%
Grand Total	20.99%	78.78%	0.23%	100.00%

ElectionName	2020 November General
OfficeCode	SLL

Results With Absentees

Sum of CandidateVotes	Column Labels			
Row Labels	GE20SLLD	GE20SLLR	GE20SLLW	Grand Total
House of Delegates	36.18%	63.64%	0.18%	100.00%
29	36.18%	63.64%	0.18%	100.00%
Grand Total	36.18%	63.64%	0.18%	100.00%

ElectionName	2019 November General
OfficeCode	SLU

Results Exluding Absentees

Sum of CandidateVotes	Column Labels					
Row Labels	GE19SLUD	GE19SLUI	GE19SLUL	GE19SLUR	GE19SLUW	Grand Total
State Senate	53.09%	4.52%	0.53%	39.82%	2.03%	100.00%
1	89.72%	0.00%	0.00%	0.00%	10.28%	100.00%
2	92.72%	0.00%	0.00%	0.00%	7.28%	100.00%
3	37.41%	0.00%	0.00%	62.25%	0.34%	100.00%
4	36.54%	0.00%	0.00%	63.18%	0.28%	100.00%
5	79.10%	19.70%	0.00%	0.00%	1.20%	100.00%
6	59.29%	0.00%	0.00%	40.54%	0.17%	100.00%
7	49.47%	0.00%	0.00%	50.37%	0.16%	100.00%
8	47.52%	0.00%	0.00%	52.30%	0.18%	100.00%
9	79.92%	0.00%	19.07%	0.00%	1.02%	100.00%
10	54.16%	0.00%	0.00%	45.72%	0.12%	100.00%
11	45.40%	0.00%	0.00%	54.36%	0.24%	100.00%
12	48.78%	0.00%	0.00%	51.01%	0.21%	100.00%
13	54.13%	0.00%	0.00%	45.74%	0.13%	100.00%
14	39.31%	0.00%	0.00%	60.44%	0.25%	100.00%
15	31.11%	0.00%	0.00%	68.77%	0.12%	100.00%
16	63.89%	34.14%	0.00%	0.00%	1.97%	100.00%
17	47.92%	0.00%	0.00%	51.78%	0.30%	100.00%
18	92.37%	0.00%	0.00%	0.00%	7.63%	100.00%
19	28.19%	0.00%	0.00%	71.73%	0.08%	100.00%
20	0.00%	28.91%	0.00%	70.65%	0.45%	100.00%
21	65.30%	33.99%	0.00%	0.00%	0.71%	100.00%
22	36.70%	0.00%	0.00%	63.17%	0.13%	100.00%
23	0.00%	0.00%	0.00%	93.82%	6.18%	100.00%
24	28.05%	0.00%	0.00%	71.31%	0.64%	100.00%
25	67.00%	32.62%	0.00%	0.00%	0.38%	100.00%
26	34.46%	0.00%	0.00%	65.39%	0.15%	100.00%
27	35.04%	0.00%	0.00%	64.85%	0.11%	100.00%
28	42.17%	0.00%	0.00%	57.69%	0.14%	100.00%

29	91.23%	0.00%	0.00%	0.00%	8.77%	100.00%
30	91.54%	0.00%	0.00%	0.00%	8.46%	100.00%
31	91.52%	0.00%	0.00%	0.00%	8.48%	100.00%
32	72.79%	0.00%	0.00%	27.02%	0.19%	100.00%
33	64.82%	0.00%	0.00%	35.06%	0.12%	100.00%
34	91.17%	0.00%	0.00%	0.00%	8.83%	100.00%
35	92.51%	0.00%	0.00%	0.00%	7.49%	100.00%
36	91.67%	0.00%	0.00%	0.00%	8.33%	100.00%
37	90.44%	0.00%	0.00%	0.00%	9.56%	100.00%
38	0.00%	35.48%	0.00%	63.40%	1.12%	100.00%
39	66.11%	0.00%	0.00%	33.77%	0.13%	100.00%
40	0.00%	23.28%	0.00%	76.36%	0.36%	100.00%
Grand Total	53.09%	4.52%	0.53%	39.82%	2.03%	100.00%

ElectionName	2019 November General
OfficeCode	SLU

Results With Absentees

Sum of CandidateVotes	Column Labels					
Row Labels	GE19SLUD	GE19SLUI	GE19SLUL	GE19SLUR	GE19SLUW	Grand Total
State Senate	53.52%	4.47%	0.52%	39.44%	2.05%	100.00%
1	89.80%	0.00%	0.00%	0.00%	10.20%	100.00%
2	92.76%	0.00%	0.00%	0.00%	7.24%	100.00%
3	37.97%	0.00%	0.00%	61.68%	0.34%	100.00%
4	36.73%	0.00%	0.00%	62.99%	0.28%	100.00%
5	79.21%	19.60%	0.00%	0.00%	1.19%	100.00%
6	59.65%	0.00%	0.00%	40.17%	0.18%	100.00%
7	49.48%	0.00%	0.00%	50.35%	0.16%	100.00%
8	47.74%	0.00%	0.00%	52.09%	0.17%	100.00%
9	80.04%	0.00%	18.95%	0.00%	1.01%	100.00%
10	54.08%	0.00%	0.00%	45.81%	0.12%	100.00%
11	45.25%	0.00%	0.00%	54.50%	0.26%	100.00%
12	49.05%	0.00%	0.00%	50.75%	0.20%	100.00%
13	54.25%	0.00%	0.00%	45.62%	0.13%	100.00%
14	39.60%	0.00%	0.00%	60.14%	0.25%	100.00%
15	31.59%	0.00%	0.00%	68.29%	0.12%	100.00%
16	63.81%	34.24%	0.00%	0.00%	1.94%	100.00%
17	48.11%	0.00%	0.00%	51.58%	0.31%	100.00%
18	92.48%	0.00%	0.00%	0.00%	7.52%	100.00%
19	28.51%	0.00%	0.00%	71.41%	0.09%	100.00%
20	0.00%	29.04%	0.00%	70.51%	0.45%	100.00%
21	65.47%	33.82%	0.00%	0.00%	0.71%	100.00%
22	37.11%	0.00%	0.00%	62.76%	0.13%	100.00%
23	0.00%	0.00%	0.00%	93.85%	6.15%	100.00%
24	28.35%	0.00%	0.00%	70.97%	0.67%	100.00%
25	67.50%	32.13%	0.00%	0.00%	0.37%	100.00%
26	34.98%	0.00%	0.00%	64.88%	0.15%	100.00%
27	35.70%	0.00%	0.00%	64.19%	0.11%	100.00%
28	42.43%	0.00%	0.00%	57.43%	0.14%	100.00%
29	91.08%	0.00%	0.00%	0.00%	8.92%	100.00%
30	91.67%	0.00%	0.00%	0.00%	8.33%	100.00%
31	91.62%	0.00%	0.00%	0.00%	8.38%	100.00%
32	73.51%	0.00%	0.00%	26.29%	0.19%	100.00%
33	64.89%	0.00%	0.00%	34.99%	0.12%	100.00%
34	91.20%	0.00%	0.00%	0.00%	8.80%	100.00%
35	92.49%	0.00%	0.00%	0.00%	7.51%	100.00%
36	91.70%	0.00%	0.00%	0.00%	8.30%	100.00%
37	90.28%	0.00%	0.00%	0.00%	9.72%	100.00%
38	0.00%	35.38%	0.00%	63.52%	1.11%	100.00%
39	65.89%	0.00%	0.00%	33.97%	0.14%	100.00%
40	0.00%	23.34%	0.00%	76.31%	0.35%	100.00%
Grand Total	53.52%	4.47%	0.52%	39.44%	2.05%	100.00%

ElectionName	2019 November General
OfficeCode	SLL

Results Exluding Absentees

Sum of CandidateVotes	Column Labels					
Row Labels	GE19SLLD	GE19SLLI	GE19SLLL	GE19SLLR	GE19SLLW	Grand Total
House of Delegates	52.26%	1.08%	0.43%	43.69%	2.54%	100.00%
1	0.00%	0.00%	0.00%	95.64%	4.36%	100.00%
2	60.53%	0.00%	0.00%	38.72%	0.75%	100.00%
3	0.00%	0.00%	0.00%	98.09%	1.91%	100.00%
4	35.73%	0.00%	0.00%	64.18%	0.10%	100.00%
5	0.00%	0.00%	0.00%	97.63%	2.37%	100.00%
6	22.72%	0.00%	0.00%	77.12%	0.16%	100.00%
7	32.80%	0.00%	0.00%	67.13%	0.07%	100.00%
8	33.42%	0.00%	0.00%	66.44%	0.14%	100.00%
9	0.00%	0.00%	0.00%	96.34%	3.66%	100.00%
10	52.09%	0.00%	0.00%	47.84%	0.07%	100.00%
11	94.33%	0.00%	0.00%	0.00%	5.67%	100.00%
12	53.32%	0.00%	0.00%	46.62%	0.06%	100.00%
13	56.25%	0.00%	0.00%	43.52%	0.22%	100.00%
14	38.56%	0.00%	0.00%	61.31%	0.14%	100.00%
15	24.99%	0.00%	0.00%	74.89%	0.12%	100.00%
16	0.00%	0.00%	24.89%	74.66%	0.46%	100.00%
17	0.00%	0.00%	0.00%	93.56%	6.44%	100.00%
18	37.89%	0.00%	0.00%	61.26%	0.85%	100.00%
19	0.00%	0.00%	0.00%	97.05%	2.95%	100.00%
20	40.96%	0.00%	0.00%	58.90%	0.14%	100.00%
21	54.44%	0.00%	0.00%	45.35%	0.20%	100.00%
22	30.66%	0.00%	0.00%	69.22%	0.11%	100.00%
23	35.46%	0.00%	0.00%	64.28%	0.25%	100.00%
24	32.22%	1.23%	0.00%	66.47%	0.08%	100.00%
25	39.28%	1.79%	0.00%	58.68%	0.26%	100.00%
26	45.63%	0.00%	0.00%	54.21%	0.16%	100.00%
27	49.49%	0.00%	0.00%	50.38%	0.13%	100.00%
28	51.69%	0.00%	0.00%	47.76%	0.55%	100.00%

29	34.98%	0.00%	0.00%	64.93%	0.08%	100.00%
30	41.77%	0.00%	0.00%	0.00%	58.23%	100.00%
31	52.27%	0.00%	0.00%	47.54%	0.19%	100.00%
32	92.75%	0.00%	0.00%	0.00%	7.25%	100.00%
33	42.66%	0.00%	0.00%	57.23%	0.11%	100.00%
34	57.69%	0.00%	0.00%	42.22%	0.09%	100.00%
35	92.65%	0.00%	0.00%	0.00%	7.35%	100.00%
36	92.78%	0.00%	0.00%	0.00%	7.22%	100.00%
37	91.97%	0.00%	0.00%	0.00%	8.03%	100.00%
38	93.22%	0.00%	0.00%	0.00%	6.78%	100.00%
39	67.99%	0.00%	0.00%	31.80%	0.21%	100.00%
40	52.75%	0.00%	0.00%	47.13%	0.12%	100.00%
41	71.11%	19.30%	7.85%	0.00%	1.75%	100.00%
42	59.53%	0.00%	0.00%	40.38%	0.09%	100.00%
43	77.64%	20.77%	0.00%	0.00%	1.59%	100.00%
44	70.52%	0.00%	0.00%	29.34%	0.14%	100.00%
45	91.25%	0.00%	0.00%	0.00%	8.75%	100.00%
46	91.99%	0.00%	0.00%	0.00%	8.01%	100.00%
47	95.95%	0.00%	0.00%	0.00%	4.05%	100.00%
48	94.02%	0.00%	0.00%	0.00%	5.98%	100.00%
49	83.53%	15.67%	0.00%	0.00%	0.80%	100.00%
50	53.73%	0.00%	0.00%	46.00%	0.27%	100.00%
51	54.62%	0.00%	0.00%	45.26%	0.12%	100.00%
52	73.24%	0.00%	0.00%	26.38%	0.38%	100.00%
53	93.71%	0.00%	0.00%	0.00%	6.29%	100.00%
54	42.02%	0.00%	0.00%	57.87%	0.11%	100.00%
55	39.48%	0.00%	0.00%	60.37%	0.16%	100.00%
56	38.39%	0.00%	0.00%	61.50%	0.11%	100.00%
57	96.07%	0.00%	0.00%	0.00%	3.93%	100.00%
58	36.70%	0.00%	0.00%	63.23%	0.07%	100.00%
59	36.13%	0.00%	0.00%	63.76%	0.11%	100.00%
60	33.50%	0.00%	0.00%	66.37%	0.14%	100.00%
61	32.81%	0.00%	0.00%	67.05%	0.14%	100.00%
62	45.09%	0.00%	0.00%	54.71%	0.20%	100.00%

63	54.27%	45.05%	0.00%	0.00%	0.68%	100.00%
64	39.61%	0.00%	0.00%	60.27%	0.12%	100.00%
65	34.60%	0.00%	0.00%	65.32%	0.08%	100.00%
66	48.09%	1.24%	0.00%	50.59%	0.08%	100.00%
67	89.41%	0.00%	0.00%	0.00%	10.59%	100.00%
68	54.49%	0.00%	0.00%	45.39%	0.13%	100.00%
69	97.60%	0.00%	0.00%	0.00%	2.40%	100.00%
70	94.66%	0.00%	0.00%	0.00%	5.34%	100.00%
71	88.15%	0.00%	11.49%	0.00%	0.36%	100.00%
72	53.12%	0.00%	0.00%	46.76%	0.13%	100.00%
73	52.09%	0.00%	0.00%	47.75%	0.16%	100.00%
74	95.61%	0.00%	0.00%	0.00%	4.39%	100.00%
75	50.66%	0.00%	0.00%	49.21%	0.13%	100.00%
76	55.97%	0.00%	0.00%	43.90%	0.13%	100.00%
77	91.35%	0.00%	0.00%	0.00%	8.65%	100.00%
78	0.00%	0.00%	0.00%	91.28%	8.72%	100.00%
79	87.26%	0.00%	0.00%	0.00%	12.74%	100.00%
80	65.45%	10.71%	0.00%	23.63%	0.20%	100.00%
81	47.28%	0.00%	0.00%	52.57%	0.15%	100.00%
82	40.30%	0.00%	0.00%	59.58%	0.12%	100.00%
83	50.06%	0.00%	0.00%	49.77%	0.17%	100.00%
84	48.66%	0.00%	0.00%	51.23%	0.12%	100.00%
85	51.66%	0.00%	0.00%	48.19%	0.15%	100.00%
86	88.90%	0.00%	0.00%	0.00%	11.10%	100.00%
87	61.88%	0.00%	0.00%	38.03%	0.09%	100.00%
88	43.97%	0.00%	0.00%	55.84%	0.19%	100.00%
89	96.14%	0.00%	0.00%	0.00%	3.86%	100.00%
90	91.72%	0.00%	0.00%	0.00%	8.28%	100.00%
91	54.59%	0.00%	0.00%	45.15%	0.26%	100.00%
92	93.41%	0.00%	0.00%	0.00%	6.59%	100.00%
93	55.45%	0.00%	0.00%	44.42%	0.13%	100.00%
94	57.66%	0.00%	1.90%	40.31%	0.14%	100.00%
95	90.17%	0.00%	0.00%	0.00%	9.83%	100.00%
96	45.96%	0.00%	1.08%	52.89%	0.08%	100.00%

97	26.26%	0.00%	0.00%	55.87%	17.87%	100.00%
98	30.60%	0.00%	0.00%	69.27%	0.13%	100.00%
99	37.36%	0.00%	0.00%	62.55%	0.08%	100.00%
100	47.25%	0.00%	0.00%	52.67%	0.07%	100.00%
Grand Total	52.26%	1.08%	0.43%	43.69%	2.54%	100.00%

ElectionName	2019 November General
OfficeCode	SLL

Results With Absentees

Sum of CandidateVotes	Column Labels					
Row Labels	GE19SLLD	GE19SLLI	GE19SLLL	GE19SLLR	GE19SLLW	Grand Total
House of Delegates	52.66%	1.08%	0.42%	43.31%	2.53%	100.00%
1	0.00%	0.00%	0.00%	95.69%	4.31%	100.00%
2	60.56%	0.00%	0.00%	38.73%	0.71%	100.00%
3	0.00%	0.00%	0.00%	98.03%	1.97%	100.00%
4	36.99%	0.00%	0.00%	62.91%	0.09%	100.00%
5	0.00%	0.00%	0.00%	97.66%	2.34%	100.00%
6	22.99%	0.00%	0.00%	76.85%	0.16%	100.00%
7	33.19%	0.00%	0.00%	66.74%	0.07%	100.00%
8	33.50%	0.00%	0.00%	66.35%	0.15%	100.00%
9	0.00%	0.00%	0.00%	96.31%	3.69%	100.00%
10	52.31%	0.00%	0.00%	47.62%	0.07%	100.00%
11	94.38%	0.00%	0.00%	0.00%	5.62%	100.00%
12	53.56%	0.00%	0.00%	46.38%	0.06%	100.00%
13	55.91%	0.00%	0.00%	43.87%	0.21%	100.00%
14	38.62%	0.00%	0.00%	61.25%	0.13%	100.00%
15	25.52%	0.00%	0.00%	74.35%	0.12%	100.00%
16	0.00%	0.00%	24.97%	74.56%	0.47%	100.00%
17	0.00%	0.00%	0.00%	93.53%	6.47%	100.00%
18	38.86%	0.00%	0.00%	60.30%	0.84%	100.00%
19	0.00%	0.00%	0.00%	97.03%	2.97%	100.00%
20	41.38%	0.00%	0.00%	58.47%	0.16%	100.00%
21	54.52%	0.00%	0.00%	45.28%	0.20%	100.00%
22	30.92%	0.00%	0.00%	68.96%	0.12%	100.00%
23	35.91%	0.00%	0.00%	63.84%	0.25%	100.00%
24	32.64%	1.23%	0.00%	66.04%	0.08%	100.00%
25	39.92%	1.79%	0.00%	58.05%	0.25%	100.00%
26	45.85%	0.00%	0.00%	53.99%	0.16%	100.00%
27	49.63%	0.00%	0.00%	50.25%	0.12%	100.00%
28	51.75%	0.00%	0.00%	47.71%	0.54%	100.00%

29	35.56%	0.00%	0.00%	64.35%	0.08%	100.00%
30	42.12%	0.00%	0.00%	0.00%	57.88%	100.00%
31	52.61%	0.00%	0.00%	47.20%	0.19%	100.00%
32	92.61%	0.00%	0.00%	0.00%	7.39%	100.00%
33	43.14%	0.00%	0.00%	56.75%	0.11%	100.00%
34	58.35%	0.00%	0.00%	41.57%	0.09%	100.00%
35	92.75%	0.00%	0.00%	0.00%	7.25%	100.00%
36	92.94%	0.00%	0.00%	0.00%	7.06%	100.00%
37	91.89%	0.00%	0.00%	0.00%	8.11%	100.00%
38	93.26%	0.00%	0.00%	0.00%	6.74%	100.00%
39	68.35%	0.00%	0.00%	31.42%	0.23%	100.00%
40	52.34%	0.00%	0.00%	47.55%	0.12%	100.00%
41	71.58%	18.90%	7.75%	0.00%	1.77%	100.00%
42	59.66%	0.00%	0.00%	40.23%	0.11%	100.00%
43	77.80%	20.58%	0.00%	0.00%	1.61%	100.00%
44	70.67%	0.00%	0.00%	29.19%	0.14%	100.00%
45	91.46%	0.00%	0.00%	0.00%	8.54%	100.00%
46	92.03%	0.00%	0.00%	0.00%	7.97%	100.00%
47	96.11%	0.00%	0.00%	0.00%	3.89%	100.00%
48	94.18%	0.00%	0.00%	0.00%	5.82%	100.00%
49	83.43%	15.71%	0.00%	0.00%	0.86%	100.00%
50	53.26%	0.00%	0.00%	46.46%	0.28%	100.00%
51	54.56%	0.00%	0.00%	45.32%	0.12%	100.00%
52	72.99%	0.00%	0.00%	26.58%	0.42%	100.00%
53	93.84%	0.00%	0.00%	0.00%	6.16%	100.00%
54	41.94%	0.00%	0.00%	57.95%	0.11%	100.00%
55	39.81%	0.00%	0.00%	60.04%	0.15%	100.00%
56	38.93%	0.00%	0.00%	60.97%	0.11%	100.00%
57	96.10%	0.00%	0.00%	0.00%	3.90%	100.00%
58	37.45%	0.00%	0.00%	62.47%	0.08%	100.00%
59	36.68%	0.00%	0.00%	63.21%	0.11%	100.00%
60	33.66%	0.00%	0.00%	66.21%	0.13%	100.00%
61	33.08%	0.00%	0.00%	66.77%	0.14%	100.00%
62	44.72%	0.00%	0.00%	55.09%	0.19%	100.00%

63	55.04%	44.27%	0.00%	0.00%	0.69%	100.00%
64	39.77%	0.00%	0.00%	60.12%	0.11%	100.00%
65	34.88%	0.00%	0.00%	65.04%	0.08%	100.00%
66	47.03%	1.23%	0.00%	51.67%	0.08%	100.00%
67	89.34%	0.00%	0.00%	0.00%	10.66%	100.00%
68	54.60%	0.00%	0.00%	45.27%	0.13%	100.00%
69	97.62%	0.00%	0.00%	0.00%	2.38%	100.00%
70	94.65%	0.00%	0.00%	0.00%	5.35%	100.00%
71	88.19%	0.00%	11.45%	0.00%	0.36%	100.00%
72	53.25%	0.00%	0.00%	46.63%	0.12%	100.00%
73	52.19%	0.00%	0.00%	47.66%	0.15%	100.00%
74	95.66%	0.00%	0.00%	0.00%	4.34%	100.00%
75	50.98%	0.00%	0.00%	48.89%	0.13%	100.00%
76	56.33%	0.00%	0.00%	43.52%	0.15%	100.00%
77	91.41%	0.00%	0.00%	0.00%	8.59%	100.00%
78	0.00%	0.00%	0.00%	91.29%	8.71%	100.00%
79	87.40%	0.00%	0.00%	0.00%	12.60%	100.00%
80	65.97%	10.59%	0.00%	23.24%	0.20%	100.00%
81	47.74%	0.00%	0.00%	52.11%	0.15%	100.00%
82	40.69%	0.00%	0.00%	59.20%	0.11%	100.00%
83	49.97%	0.00%	0.00%	49.85%	0.18%	100.00%
84	48.73%	0.00%	0.00%	51.15%	0.12%	100.00%
85	51.64%	0.00%	0.00%	48.21%	0.15%	100.00%
86	88.91%	0.00%	0.00%	0.00%	11.09%	100.00%
87	62.00%	0.00%	0.00%	37.91%	0.10%	100.00%
88	44.15%	0.00%	0.00%	55.67%	0.18%	100.00%
89	96.14%	0.00%	0.00%	0.00%	3.86%	100.00%
90	91.80%	0.00%	0.00%	0.00%	8.20%	100.00%
91	54.73%	0.00%	0.00%	45.01%	0.26%	100.00%
92	93.48%	0.00%	0.00%	0.00%	6.52%	100.00%
93	55.65%	0.00%	0.00%	44.23%	0.12%	100.00%
94	57.71%	0.00%	1.88%	40.28%	0.13%	100.00%
95	90.19%	0.00%	0.00%	0.00%	9.81%	100.00%
96	46.35%	0.00%	1.09%	52.48%	0.08%	100.00%

97	26.55%	0.00%	0.00%	55.67%	17.78%	100.00%
98	30.95%	0.00%	0.00%	68.92%	0.13%	100.00%
99	37.49%	0.00%	0.00%	62.43%	0.08%	100.00%
100	48.04%	0.00%	0.00%	51.89%	0.07%	100.00%
Grand Total	52.66%	1.08%	0.42%	43.31%	2.53%	100.00%

ElectionName	2018 November General
OfficeCode	USS

Results Excluding Absentees

Sum of CandidateVotes	Column Labels					
Row Labels	GE18USSD	GE18USSL	GE18USSR	GE18USSW	Grand Total	
Congressional	56.01%	1.88%	41.95%	0.16%	100.00%	
1	47.60%	1.92%	50.34%	0.14%	100.00%	
2	53.34%	2.15%	44.39%	0.12%	100.00%	
3	69.71%	1.53%	28.62%	0.14%	100.00%	
4	64.21%	1.46%	34.21%	0.12%	100.00%	
5	46.96%	1.64%	51.29%	0.11%	100.00%	
6	40.71%	2.10%	57.08%	0.11%	100.00%	
7	51.18%	1.93%	46.73%	0.15%	100.00%	
8	77.30%	2.39%	19.95%	0.36%	100.00%	
9	34.09%	1.48%	64.33%	0.10%	100.00%	
10	58.50%	1.99%	39.33%	0.18%	100.00%	
11	72.19%	2.05%	25.57%	0.19%	100.00%	
Grand Total	56.01%	1.88%	41.95%	0.16%	100.00%	

ElectionName	2018 November General
OfficeCode	USS

Results With Absentees

Sum of CandidateVotes	Column Labels					
Row Labels	GE18USSD	GE18USSL	GE18USSR	GE18USSW	Grand Total	
Congressional	57.00%	1.84%	41.00%	0.16%	100.00%	
1	48.32%	1.88%	49.64%	0.15%	100.00%	
2	53.78%	2.10%	44.00%	0.13%	100.00%	
3	69.97%	1.50%	28.38%	0.15%	100.00%	
4	64.44%	1.44%	33.99%	0.12%	100.00%	
5	47.97%	1.62%	50.30%	0.11%	100.00%	
6	41.36%	2.06%	56.46%	0.11%	100.00%	
7	51.79%	1.91%	46.14%	0.16%	100.00%	
8	78.15%	2.24%	19.27%	0.35%	100.00%	
9	34.71%	1.45%	63.74%	0.10%	100.00%	
10	59.60%	1.92%	38.29%	0.19%	100.00%	
11	72.82%	1.94%	25.03%	0.20%	100.00%	
Grand Total	57.00%	1.84%	41.00%	0.16%	100.00%	

ElectionName	2018 November General
OfficeCode	USR

Results Exluding Absentees

Sum of CandidateVotes	Column Labels				
Row Labels	GE18USRD	GE18USRL	GE18USRR	GE18USRW	Grand Total
Congressional	55.44%	0.43%	43.39%	0.74%	100.00%
1	44.00%	0.00%	55.88%	0.13%	100.00%
2	50.61%	0.00%	49.24%	0.15%	100.00%
3	91.10%	0.00%	0.00%	8.90%	100.00%
4	62.32%	1.43%	36.15%	0.10%	100.00%
5	45.65%	0.00%	54.17%	0.18%	100.00%
6	39.59%	0.00%	60.29%	0.11%	100.00%
7	49.76%	1.22%	48.95%	0.07%	100.00%
8	75.12%	0.00%	24.65%	0.23%	100.00%
9	34.19%	0.00%	65.72%	0.09%	100.00%
10	54.96%	0.00%	44.86%	0.18%	100.00%
11	70.45%	1.88%	27.50%	0.17%	100.00%
Grand Total	55.44%	0.43%	43.39%	0.74%	100.00%

ElectionName	2018 November General
OfficeCode	USR

Results With Absentees

Sum of CandidateVotes	Column Labels				
Row Labels	GE18USRD	GE18USRL	GE18USRR	GE18USRW	Grand Total
Congressional	56.35%	0.42%	42.52%	0.71%	100.00%
1	44.70%	0.00%	55.17%	0.12%	100.00%
2	51.04%	0.00%	48.81%	0.15%	100.00%
3	91.19%	0.00%	0.00%	8.81%	100.00%
4	62.57%	1.41%	35.92%	0.10%	100.00%
5	46.65%	0.00%	53.18%	0.18%	100.00%
6	40.20%	0.00%	59.68%	0.11%	100.00%
7	50.33%	1.21%	48.39%	0.07%	100.00%
8	76.10%	0.00%	23.68%	0.22%	100.00%
9	34.75%	0.00%	65.16%	0.09%	100.00%
10	56.10%	0.00%	43.73%	0.17%	100.00%
11	71.10%	1.80%	26.93%	0.17%	100.00%
Grand Total	56.35%	0.42%	42.52%	0.71%	100.00%

ElectionName	2018 November General
OfficeCode	SLL

Results Exluding Absentees

Sum of CandidateVotes	Column Labels			
Row Labels	GE18SLLD	GE18SLLR	GE18SLLW	Grand Total
House of Delegates	37.29%	62.57%	0.15%	100.00%
8	37.29%	62.57%	0.15%	100.00%
Grand Total	37.29%	62.57%	0.15%	100.00%

ElectionName	2018 November General
OfficeCode	SLL

Results With Absentees

Sum of CandidateVotes	Column Labels			
Row Labels	GE18SLLD	GE18SLLR	GE18SLLW	Grand Total
House of Delegates	37.82%	62.04%	0.14%	100.00%
8	37.82%	62.04%	0.14%	100.00%
Grand Total	37.82%	62.04%	0.14%	100.00%

ElectionName	2017 November General
OfficeCode	GOV

Results Excluding Absentees

Sum of CandidateVotes	Column Labels				
Row Labels	GE17GOVD	GE17GOVL	GE17GOVR	GE17GOVW	Grand Total
Congressional	53.43%	1.10%	45.41%	0.06%	100.00%
1	44.34%	1.16%	54.45%	0.05%	100.00%
2	51.46%	1.20%	47.29%	0.06%	100.00%
3	67.99%	1.12%	30.82%	0.07%	100.00%
4	61.75%	1.05%	37.14%	0.05%	100.00%
5	44.66%	0.95%	54.35%	0.05%	100.00%
6	37.99%	1.25%	60.70%	0.06%	100.00%
7	47.46%	1.19%	51.31%	0.05%	100.00%
8	75.35%	0.93%	23.65%	0.07%	100.00%
9	30.75%	1.14%	68.05%	0.06%	100.00%
10	55.32%	1.06%	43.56%	0.05%	100.00%
11	69.74%	1.02%	29.16%	0.07%	100.00%
Grand Total	53.43%	1.10%	45.41%	0.06%	100.00%

ElectionName	2017 November General
OfficeCode	GOV

Results With Absentees

Sum of CandidateVotes	Column Labels				
Row Labels	GE17GOVD	GE17GOVL	GE17GOVR	GE17GOVW	Grand Total
Congressional	53.89%	1.07%	44.98%	0.06%	100.00%
1	44.60%	1.14%	54.21%	0.05%	100.00%
2	51.42%	1.18%	47.34%	0.06%	100.00%
3	67.92%	1.12%	30.90%	0.07%	100.00%
4	61.65%	1.04%	37.26%	0.05%	100.00%
5	45.07%	0.94%	53.94%	0.05%	100.00%
6	38.40%	1.23%	60.31%	0.07%	100.00%
7	47.55%	1.16%	51.24%	0.05%	100.00%
8	75.88%	0.89%	23.17%	0.06%	100.00%
9	31.18%	1.12%	67.64%	0.06%	100.00%
10	55.61%	1.01%	43.31%	0.06%	100.00%
11	69.95%	0.98%	28.99%	0.07%	100.00%
Grand Total	53.89%	1.07%	44.98%	0.06%	100.00%

ElectionName	2017 November General
OfficeCode	LTG

Results Exluding Absentees

Sum of CandidateVotes	Column Labels			
Row Labels	GE17LTGD	GE17LTGR	GE17LTGW	Grand Total
Congressional	52.23%	47.67%	0.10%	100.00%
1	43.07%	56.82%	0.11%	100.00%
2	48.54%	51.37%	0.08%	100.00%
3	66.62%	33.26%	0.11%	100.00%
4	60.94%	38.99%	0.07%	100.00%
5	43.42%	56.50%	0.08%	100.00%
6	36.21%	63.69%	0.10%	100.00%
7	46.46%	53.42%	0.12%	100.00%
8	74.64%	25.25%	0.11%	100.00%
9	30.12%	69.77%	0.11%	100.00%
10	53.90%	46.01%	0.09%	100.00%
11	69.34%	30.53%	0.13%	100.00%
Grand Total	52.23%	47.67%	0.10%	100.00%

ElectionName	2017 November General
OfficeCode	LTG

Results With Absentees

Sum of CandidateVotes	Column Labels			
Row Labels	GE17LTGD	GE17LTGR	GE17LTGW	Grand Total
Congressional	52.72%	47.18%	0.10%	100.00%
1	43.37%	56.52%	0.11%	100.00%
2	48.52%	51.40%	0.08%	100.00%
3	66.55%	33.34%	0.11%	100.00%
4	60.85%	39.08%	0.07%	100.00%
5	43.87%	56.06%	0.08%	100.00%
6	36.63%	63.26%	0.10%	100.00%
7	46.57%	53.31%	0.12%	100.00%
8	75.19%	24.70%	0.11%	100.00%
9	30.59%	69.30%	0.11%	100.00%
10	54.24%	45.67%	0.09%	100.00%
11	69.55%	30.33%	0.12%	100.00%
Grand Total	52.72%	47.18%	0.10%	100.00%

ElectionName	2017 November General
OfficeCode	ATG

Results Exluding Absentees

Sum of CandidateVotes	Column Labels			
Row Labels	GE17ATGD	GE17ATGR	GE17ATGW	Grand Total
Congressional	52.83%	47.07%	0.10%	100.00%
1	43.50%	56.38%	0.11%	100.00%
2	49.73%	50.16%	0.11%	100.00%
3	67.19%	32.69%	0.11%	100.00%
4	61.18%	38.73%	0.09%	100.00%
5	44.45%	55.47%	0.08%	100.00%
6	37.69%	62.20%	0.10%	100.00%
7	46.53%	53.38%	0.09%	100.00%
8	74.65%	25.24%	0.11%	100.00%
9	31.00%	68.91%	0.10%	100.00%
10	55.05%	44.87%	0.08%	100.00%
11	69.16%	30.72%	0.12%	100.00%
Grand Total	52.83%	47.07%	0.10%	100.00%

ElectionName	2017 November General
OfficeCode	ATG

Results With Absentees

Sum of CandidateVotes	Column Labels			
Row Labels	GE17ATGD	GE17ATGR	GE17ATGW	Grand Total
Congressional	53.33%	46.56%	0.10%	100.00%
1	43.83%	56.06%	0.11%	100.00%
2	49.76%	50.14%	0.11%	100.00%
3	67.16%	32.73%	0.11%	100.00%
4	61.12%	38.79%	0.09%	100.00%
5	44.88%	55.03%	0.08%	100.00%
6	38.10%	61.80%	0.11%	100.00%
7	46.66%	53.25%	0.09%	100.00%
8	75.26%	24.63%	0.11%	100.00%
9	31.40%	68.50%	0.10%	100.00%
10	55.40%	44.52%	0.08%	100.00%
11	69.41%	30.47%	0.12%	100.00%
Grand Total	53.33%	46.56%	0.10%	100.00%

ElectionName	2017 November General
OfficeCode	SLL

Results Exluding Absentees

Sum of CandidateVotes	Column Labels						
Row Labels	GE17SLLD	GE17SLLG	GE17SLLI	GE17SLLL	GE17SLLR	GE17SLLW	Grand Total
House of Delegates	52.56%	0.27%	1.09%	0.27%	44.36%	1.46%	100.00%
1	23.76%	0.00%	0.00%	0.00%	76.02%	0.22%	100.00%
2	62.91%	0.00%	0.00%	0.00%	36.95%	0.15%	100.00%
3	21.22%	0.00%	0.00%	0.00%	78.56%	0.22%	100.00%
4	0.00%	0.00%	0.00%	0.00%	96.30%	3.70%	100.00%
5	0.00%	0.00%	0.00%	0.00%	97.32%	2.68%	100.00%
6	0.00%	0.00%	17.61%	0.00%	81.59%	0.80%	100.00%
7	33.22%	0.00%	0.00%	0.00%	66.65%	0.13%	100.00%
8	35.66%	0.00%	0.00%	0.00%	64.12%	0.22%	100.00%
9	29.46%	0.00%	0.00%	0.00%	70.42%	0.12%	100.00%
10	51.96%	0.00%	0.00%	0.00%	47.96%	0.09%	100.00%
11	96.94%	0.00%	0.00%	0.00%	0.00%	3.06%	100.00%
12	54.01%	0.00%	0.00%	0.00%	45.83%	0.16%	100.00%
13	53.83%	0.00%	0.00%	0.00%	45.76%	0.41%	100.00%
14	0.00%	0.00%	0.00%	0.00%	96.87%	3.13%	100.00%
15	0.00%	0.00%	0.00%	0.00%	94.47%	5.53%	100.00%
16	0.00%	0.00%	0.00%	0.00%	96.11%	3.89%	100.00%
17	39.15%	0.00%	0.00%	0.00%	60.71%	0.14%	100.00%
18	33.71%	5.34%	0.00%	0.00%	60.82%	0.13%	100.00%
19	0.00%	0.00%	0.00%	0.00%	96.34%	3.66%	100.00%
20	42.27%	0.00%	0.00%	2.87%	54.79%	0.08%	100.00%
21	52.75%	0.00%	0.00%	0.00%	47.01%	0.23%	100.00%
22	0.00%	0.00%	0.00%	0.00%	96.28%	3.72%	100.00%
23	33.76%	0.00%	0.00%	0.00%	66.12%	0.12%	100.00%
24	0.00%	0.00%	27.08%	0.00%	72.58%	0.34%	100.00%
25	41.21%	0.00%	0.00%	0.00%	58.66%	0.12%	100.00%
26	45.13%	0.00%	0.00%	0.00%	54.73%	0.14%	100.00%
27	49.69%	0.00%	0.00%	0.00%	50.19%	0.13%	100.00%
28	49.62%	0.00%	0.00%	0.00%	50.20%	0.18%	100.00%

29	35.30%	0.00%	0.00%	0.00%	64.48%	0.22%	100.00%
30	37.45%	0.00%	0.00%	0.00%	62.46%	0.09%	100.00%
31	53.82%	0.00%	1.73%	0.00%	44.31%	0.14%	100.00%
32	58.55%	0.00%	0.00%	0.00%	41.35%	0.11%	100.00%
33	44.55%	0.00%	0.00%	0.00%	55.29%	0.16%	100.00%
34	60.12%	0.00%	0.00%	0.00%	39.82%	0.06%	100.00%
35	92.94%	0.00%	0.00%	0.00%	0.00%	7.06%	100.00%
36	93.00%	0.00%	0.00%	0.00%	0.00%	7.00%	100.00%
37	93.62%	0.00%	0.00%	0.00%	0.00%	6.38%	100.00%
38	73.18%	0.00%	0.00%	0.00%	26.59%	0.23%	100.00%
39	92.67%	0.00%	0.00%	0.00%	0.00%	7.33%	100.00%
40	49.81%	0.00%	0.00%	0.00%	50.03%	0.16%	100.00%
41	90.85%	0.00%	0.00%	0.00%	0.00%	9.15%	100.00%
42	60.98%	0.00%	0.00%	0.00%	38.87%	0.16%	100.00%
43	93.46%	0.00%	0.00%	0.00%	0.00%	6.54%	100.00%
44	92.79%	0.00%	0.00%	0.00%	0.00%	7.21%	100.00%
45	95.10%	0.00%	0.00%	0.00%	0.00%	4.90%	100.00%
46	96.50%	0.00%	0.00%	0.00%	0.00%	3.50%	100.00%
47	96.13%	0.00%	0.00%	0.00%	0.00%	3.87%	100.00%
48	94.46%	0.00%	0.00%	0.00%	0.00%	5.54%	100.00%
49	81.23%	0.00%	0.00%	0.00%	18.56%	0.21%	100.00%
50	54.80%	0.00%	0.00%	0.00%	45.00%	0.20%	100.00%
51	52.87%	0.00%	0.00%	0.00%	46.91%	0.21%	100.00%
52	93.50%	0.00%	0.00%	0.00%	0.00%	6.50%	100.00%
53	73.52%	0.00%	25.41%	0.00%	0.00%	1.07%	100.00%
54	41.89%	0.00%	0.00%	0.00%	57.89%	0.21%	100.00%
55	39.68%	0.00%	0.00%	0.00%	60.08%	0.23%	100.00%
56	39.94%	0.00%	0.00%	0.00%	59.93%	0.13%	100.00%
57	96.91%	0.00%	0.00%	0.00%	0.00%	3.09%	100.00%
58	38.24%	0.00%	0.00%	0.00%	61.67%	0.10%	100.00%
59	33.66%	1.13%	3.39%	0.00%	61.64%	0.18%	100.00%
60	37.92%	0.00%	0.00%	0.00%	61.89%	0.20%	100.00%
61	0.00%	0.00%	0.00%	0.00%	97.30%	2.70%	100.00%
62	48.40%	0.00%	0.00%	0.00%	51.45%	0.15%	100.00%

63	94.96%	0.00%	0.00%	0.00%	0.00%	5.04%	100.00%
64	37.41%	0.00%	0.00%	0.00%	62.51%	0.08%	100.00%
65	35.62%	0.00%	0.00%	0.00%	64.22%	0.17%	100.00%
66	36.67%	0.00%	0.00%	0.00%	63.18%	0.15%	100.00%
67	57.94%	0.00%	0.00%	0.00%	41.91%	0.14%	100.00%
68	50.31%	0.00%	0.00%	0.00%	49.58%	0.11%	100.00%
69	86.64%	4.65%	0.00%	8.41%	0.00%	0.30%	100.00%
70	96.83%	0.00%	0.00%	0.00%	0.00%	3.17%	100.00%
71	98.01%	0.00%	0.00%	0.00%	0.00%	1.99%	100.00%
72	52.75%	0.00%	0.00%	0.00%	47.00%	0.24%	100.00%
73	51.67%	0.00%	0.00%	0.00%	48.15%	0.18%	100.00%
74	75.88%	0.00%	23.37%	0.00%	0.00%	0.75%	100.00%
75	94.58%	0.00%	0.00%	0.00%	0.00%	5.42%	100.00%
76	0.00%	0.00%	0.00%	0.00%	93.93%	6.07%	100.00%
77	82.46%	16.97%	0.00%	0.00%	0.00%	0.56%	100.00%
78	0.00%	0.00%	0.00%	0.00%	94.82%	5.18%	100.00%
79	95.18%	0.00%	0.00%	0.00%	0.00%	4.82%	100.00%
80	96.95%	0.00%	0.00%	0.00%	0.00%	3.05%	100.00%
81	40.58%	0.00%	0.00%	0.00%	59.24%	0.17%	100.00%
82	40.76%	0.00%	0.00%	0.00%	59.12%	0.11%	100.00%
83	43.56%	0.00%	0.00%	0.00%	56.32%	0.13%	100.00%
84	48.21%	0.00%	0.00%	0.00%	51.53%	0.25%	100.00%
85	50.90%	0.00%	0.00%	0.00%	48.88%	0.22%	100.00%
86	68.24%	0.00%	0.00%	0.00%	31.59%	0.16%	100.00%
87	62.90%	0.00%	0.00%	0.00%	36.88%	0.22%	100.00%
88	36.98%	0.97%	9.14%	0.00%	52.76%	0.16%	100.00%
89	84.47%	0.00%	0.00%	15.05%	0.00%	0.48%	100.00%
90	97.24%	0.00%	0.00%	0.00%	0.00%	2.76%	100.00%
91	43.58%	0.00%	0.00%	0.00%	56.24%	0.18%	100.00%
92	97.33%	0.00%	0.00%	0.00%	0.00%	2.67%	100.00%
93	60.43%	0.00%	0.00%	0.00%	39.40%	0.17%	100.00%
94	48.40%	0.00%	0.00%	2.87%	48.62%	0.11%	100.00%
95	97.13%	0.00%	0.00%	0.00%	0.00%	2.87%	100.00%
96	42.60%	0.00%	0.00%	0.00%	57.24%	0.16%	100.00%

97	27.56%	0.00%	0.00%	0.00%	72.25%	0.20%	100.00%
98	34.47%	0.00%	0.00%	0.00%	65.43%	0.10%	100.00%
99	37.69%	0.00%	0.00%	0.00%	62.20%	0.12%	100.00%
100	47.28%	0.00%	0.00%	0.00%	52.53%	0.19%	100.00%
Grand Total	52.56%	0.27%	1.09%	0.27%	44.36%	1.46%	100.00%

ElectionName	2017 November General
OfficeCode	SLL

Results With Absentees

Sum of CandidateVotes	Column Labels						
Row Labels	GE17SLLD	GE17SLLG	GE17SLLI	GE17SLLL	GE17SLLR	GE17SLLW	Grand Total
House of Delegates	53.09%	0.26%	1.08%	0.26%	43.81%	1.50%	100.00%
1	23.75%	0.00%	0.00%	0.00%	76.03%	0.22%	100.00%
2	63.04%	0.00%	0.00%	0.00%	36.80%	0.16%	100.00%
3	21.64%	0.00%	0.00%	0.00%	78.13%	0.24%	100.00%
4	0.00%	0.00%	0.00%	0.00%	96.23%	3.77%	100.00%
5	0.00%	0.00%	0.00%	0.00%	97.26%	2.74%	100.00%
6	0.00%	0.00%	17.89%	0.00%	81.30%	0.81%	100.00%
7	33.54%	0.00%	0.00%	0.00%	66.34%	0.12%	100.00%
8	35.91%	0.00%	0.00%	0.00%	63.87%	0.22%	100.00%
9	29.61%	0.00%	0.00%	0.00%	70.27%	0.12%	100.00%
10	51.90%	0.00%	0.00%	0.00%	48.01%	0.09%	100.00%
11	96.93%	0.00%	0.00%	0.00%	0.00%	3.07%	100.00%
12	54.35%	0.00%	0.00%	0.00%	45.49%	0.16%	100.00%
13	53.71%	0.00%	0.00%	0.00%	45.89%	0.40%	100.00%
14	0.00%	0.00%	0.00%	0.00%	96.83%	3.17%	100.00%
15	0.00%	0.00%	0.00%	0.00%	94.28%	5.72%	100.00%
16	0.00%	0.00%	0.00%	0.00%	96.11%	3.89%	100.00%
17	39.29%	0.00%	0.00%	0.00%	60.56%	0.15%	100.00%
18	34.32%	5.18%	0.00%	0.00%	60.37%	0.13%	100.00%
19	0.00%	0.00%	0.00%	0.00%	96.30%	3.70%	100.00%
20	42.57%	0.00%	0.00%	2.83%	54.53%	0.07%	100.00%
21	52.45%	0.00%	0.00%	0.00%	47.30%	0.24%	100.00%
22	0.00%	0.00%	0.00%	0.00%	96.18%	3.82%	100.00%
23	34.21%	0.00%	0.00%	0.00%	65.66%	0.14%	100.00%
24	0.00%	0.00%	27.69%	0.00%	71.89%	0.42%	100.00%
25	41.90%	0.00%	0.00%	0.00%	57.97%	0.13%	100.00%
26	45.33%	0.00%	0.00%	0.00%	54.52%	0.15%	100.00%
27	49.71%	0.00%	0.00%	0.00%	50.16%	0.13%	100.00%
28	49.73%	0.00%	0.00%	0.00%	50.08%	0.19%	100.00%

29	35.58%	0.00%	0.00%	0.00%	64.21%	0.21%	100.00%
30	37.77%	0.00%	0.00%	0.00%	62.14%	0.09%	100.00%
31	53.99%	0.00%	1.68%	0.00%	44.19%	0.14%	100.00%
32	58.47%	0.00%	0.00%	0.00%	41.41%	0.11%	100.00%
33	45.09%	0.00%	0.00%	0.00%	54.76%	0.15%	100.00%
34	60.92%	0.00%	0.00%	0.00%	39.02%	0.06%	100.00%
35	92.93%	0.00%	0.00%	0.00%	0.00%	7.07%	100.00%
36	92.92%	0.00%	0.00%	0.00%	0.00%	7.08%	100.00%
37	93.52%	0.00%	0.00%	0.00%	0.00%	6.48%	100.00%
38	73.51%	0.00%	0.00%	0.00%	26.26%	0.23%	100.00%
39	92.62%	0.00%	0.00%	0.00%	0.00%	7.38%	100.00%
40	49.74%	0.00%	0.00%	0.00%	50.09%	0.16%	100.00%
41	90.84%	0.00%	0.00%	0.00%	0.00%	9.16%	100.00%
42	60.97%	0.00%	0.00%	0.00%	38.89%	0.15%	100.00%
43	93.34%	0.00%	0.00%	0.00%	0.00%	6.66%	100.00%
44	92.77%	0.00%	0.00%	0.00%	0.00%	7.23%	100.00%
45	95.16%	0.00%	0.00%	0.00%	0.00%	4.84%	100.00%
46	96.41%	0.00%	0.00%	0.00%	0.00%	3.59%	100.00%
47	96.21%	0.00%	0.00%	0.00%	0.00%	3.79%	100.00%
48	94.62%	0.00%	0.00%	0.00%	0.00%	5.38%	100.00%
49	81.30%	0.00%	0.00%	0.00%	18.49%	0.21%	100.00%
50	54.32%	0.00%	0.00%	0.00%	45.49%	0.20%	100.00%
51	52.97%	0.00%	0.00%	0.00%	46.83%	0.20%	100.00%
52	93.48%	0.00%	0.00%	0.00%	0.00%	6.52%	100.00%
53	74.28%	0.00%	24.57%	0.00%	0.00%	1.15%	100.00%
54	41.92%	0.00%	0.00%	0.00%	57.87%	0.21%	100.00%
55	39.90%	0.00%	0.00%	0.00%	59.86%	0.23%	100.00%
56	40.39%	0.00%	0.00%	0.00%	59.47%	0.14%	100.00%
57	96.89%	0.00%	0.00%	0.00%	0.00%	3.11%	100.00%
58	38.71%	0.00%	0.00%	0.00%	61.20%	0.09%	100.00%
59	34.08%	1.15%	3.35%	0.00%	61.21%	0.20%	100.00%
60	37.95%	0.00%	0.00%	0.00%	61.86%	0.19%	100.00%
61	0.00%	0.00%	0.00%	0.00%	97.22%	2.78%	100.00%
62	48.18%	0.00%	0.00%	0.00%	51.66%	0.16%	100.00%

63	95.10%	0.00%	0.00%	0.00%	0.00%	4.90%	100.00%
64	37.50%	0.00%	0.00%	0.00%	62.41%	0.09%	100.00%
65	35.82%	0.00%	0.00%	0.00%	64.01%	0.17%	100.00%
66	36.40%	0.00%	0.00%	0.00%	63.45%	0.15%	100.00%
67	57.86%	0.00%	0.00%	0.00%	42.00%	0.14%	100.00%
68	50.37%	0.00%	0.00%	0.00%	49.51%	0.12%	100.00%
69	86.58%	4.65%	0.00%	8.45%	0.00%	0.32%	100.00%
70	96.82%	0.00%	0.00%	0.00%	0.00%	3.18%	100.00%
71	97.97%	0.00%	0.00%	0.00%	0.00%	2.03%	100.00%
72	52.71%	0.00%	0.00%	0.00%	47.06%	0.24%	100.00%
73	51.48%	0.00%	0.00%	0.00%	48.35%	0.17%	100.00%
74	75.95%	0.00%	23.29%	0.00%	0.00%	0.75%	100.00%
75	93.66%	0.00%	0.00%	0.00%	0.00%	6.34%	100.00%
76	0.00%	0.00%	0.00%	0.00%	93.92%	6.08%	100.00%
77	82.60%	16.85%	0.00%	0.00%	0.00%	0.55%	100.00%
78	0.00%	0.00%	0.00%	0.00%	94.74%	5.26%	100.00%
79	95.27%	0.00%	0.00%	0.00%	0.00%	4.73%	100.00%
80	96.94%	0.00%	0.00%	0.00%	0.00%	3.06%	100.00%
81	40.88%	0.00%	0.00%	0.00%	58.95%	0.18%	100.00%
82	41.00%	0.00%	0.00%	0.00%	58.89%	0.11%	100.00%
83	43.29%	0.00%	0.00%	0.00%	56.59%	0.13%	100.00%
84	48.11%	0.00%	0.00%	0.00%	51.64%	0.25%	100.00%
85	50.73%	0.00%	0.00%	0.00%	49.06%	0.21%	100.00%
86	68.52%	0.00%	0.00%	0.00%	31.31%	0.16%	100.00%
87	61.73%	0.00%	0.00%	0.00%	38.04%	0.23%	100.00%
88	37.27%	0.96%	8.92%	0.00%	52.70%	0.15%	100.00%
89	84.47%	0.00%	0.00%	15.03%	0.00%	0.50%	100.00%
90	97.28%	0.00%	0.00%	0.00%	0.00%	2.72%	100.00%
91	43.61%	0.00%	0.00%	0.00%	56.22%	0.18%	100.00%
92	97.33%	0.00%	0.00%	0.00%	0.00%	2.67%	100.00%
93	59.98%	0.00%	0.00%	0.00%	39.86%	0.16%	100.00%
94	48.51%	0.00%	0.00%	2.82%	48.55%	0.12%	100.00%
95	97.09%	0.00%	0.00%	0.00%	0.00%	2.91%	100.00%
96	42.90%	0.00%	0.00%	0.00%	56.94%	0.16%	100.00%

97	27.61%	0.00%	0.00%	0.00%	72.19%	0.19%	100.00%
98	34.85%	0.00%	0.00%	0.00%	65.05%	0.10%	100.00%
99	37.72%	0.00%	0.00%	0.00%	62.15%	0.12%	100.00%
100	47.68%	0.00%	0.00%	0.00%	52.13%	0.18%	100.00%
Grand Total	53.09%	0.26%	1.08%	0.26%	43.81%	1.50%	100.00%

ElectionName	2016 November General
OfficeCode	PRS

Results Exluding Absentees

Sum of CandidateVotes	Column Labels						
Row Labels	GE16PRSD	GE16PRSG	GE16PRSI	GE16PRSL	GE16PRSR	GE16PRSW	Grand Total
Congressional	48.11%	0.72%	1.37%	3.01%	45.97%	0.82%	100.00%
1	39.48%	0.67%	1.33%	3.11%	54.53%	0.87%	100.00%
2	44.46%	0.87%	1.14%	3.86%	48.84%	0.83%	100.00%
3	62.53%	0.76%	0.99%	2.86%	32.23%	0.62%	100.00%
4	58.00%	0.69%	0.89%	2.67%	37.18%	0.56%	100.00%
5	41.02%	0.55%	1.17%	2.50%	54.19%	0.57%	100.00%
6	33.72%	0.70%	1.58%	3.12%	60.23%	0.65%	100.00%
7	43.00%	0.64%	1.26%	3.62%	50.86%	0.63%	100.00%
8	70.47%	0.83%	2.15%	2.92%	22.09%	1.54%	100.00%
9	26.46%	0.56%	1.01%	2.36%	69.12%	0.50%	100.00%
10	50.04%	0.74%	1.77%	3.09%	43.22%	1.13%	100.00%
11	64.77%	0.94%	1.88%	2.94%	28.23%	1.24%	100.00%
Grand Total	48.11%	0.72%	1.37%	3.01%	45.97%	0.82%	100.00%

ElectionName	2016 November General
OfficeCode	PRS

Results With Absentees

Sum of CandidateVotes	Column Labels						
Row Labels	GE16PRSD	GE16PRSG	GE16PRSI	GE16PRSL	GE16PRSR	GE16PRSW	Grand Total
Congressional	49.73%	0.69%	1.36%	2.97%	44.41%	0.85%	100.00%
1	40.89%	0.66%	1.34%	3.11%	53.12%	0.88%	100.00%
2	44.99%	0.83%	1.13%	3.79%	48.43%	0.82%	100.00%
3	63.21%	0.74%	0.97%	2.79%	31.67%	0.63%	100.00%
4	58.34%	0.66%	0.87%	2.63%	36.94%	0.55%	100.00%
5	42.08%	0.55%	1.17%	2.51%	53.10%	0.59%	100.00%
6	34.67%	0.68%	1.56%	3.11%	59.31%	0.67%	100.00%
7	43.71%	0.62%	1.25%	3.60%	50.16%	0.66%	100.00%
8	72.41%	0.77%	1.96%	2.78%	20.58%	1.49%	100.00%
9	27.16%	0.56%	1.00%	2.35%	68.43%	0.51%	100.00%
10	51.56%	0.71%	1.74%	3.07%	41.75%	1.17%	100.00%
11	66.11%	0.87%	1.79%	2.84%	27.17%	1.23%	100.00%
Grand Total	49.73%	0.69%	1.36%	2.97%	44.41%	0.85%	100.00%

ElectionName	2016 November General
OfficeCode	USR

Results Excluding Absentees

Sum of CandidateVotes	Column Labels				
Row Labels	GE16USRD	GE16USRI	GE16USRR	GE16USRW	Grand Total
Congressional	47.59%	0.95%	50.37%	1.09%	100.00%
1	35.46%	3.34%	61.00%	0.20%	100.00%
2	37.87%	0.00%	61.91%	0.22%	100.00%
3	66.05%	0.00%	33.70%	0.24%	100.00%
4	57.43%	0.00%	42.32%	0.24%	100.00%
5	40.50%	0.00%	59.31%	0.18%	100.00%
6	32.47%	0.00%	67.30%	0.23%	100.00%
7	41.62%	0.00%	58.14%	0.24%	100.00%
8	66.15%	4.40%	29.17%	0.28%	100.00%
9	27.88%	2.90%	69.04%	0.18%	100.00%
10	45.61%	0.00%	54.00%	0.39%	100.00%
11	87.18%	0.00%	0.00%	12.82%	100.00%
Grand Total	47.59%	0.95%	50.37%	1.09%	100.00%

ElectionName	2016 November General
OfficeCode	USR

Results With Absentees

Sum of CandidateVotes	Column Labels				
Row Labels	GE16USRD	GE16USRI	GE16USRR	GE16USRW	Grand Total
Congressional	49.16%	0.97%	48.73%	1.14%	100.00%
1	36.60%	3.34%	59.85%	0.21%	100.00%
2	38.45%	0.00%	61.32%	0.23%	100.00%
3	66.70%	0.00%	33.07%	0.24%	100.00%
4	57.73%	0.00%	42.03%	0.24%	100.00%
5	41.58%	0.00%	58.23%	0.19%	100.00%
6	33.14%	0.00%	66.62%	0.24%	100.00%
7	42.24%	0.00%	57.50%	0.26%	100.00%
8	68.38%	4.07%	27.28%	0.27%	100.00%
9	28.32%	2.92%	68.59%	0.18%	100.00%
10	46.91%	0.00%	52.68%	0.40%	100.00%
11	87.78%	0.00%	0.00%	12.22%	100.00%
Grand Total	49.16%	0.97%	48.73%	1.14%	100.00%

ElectionName	2016 November General
OfficeCode	SLU

Results Exluding Absentees

Sum of CandidateVotes	Column Labels				
Row Labels	GE16SLUD	GE16SLUI	GE16SLUR	GE16SLUW	Grand Total
State Senate	74.89%	2.35%	20.91%	1.85%	100.00%
1	57.79%	4.24%	37.68%	0.29%	100.00%
5	96.21%	0.00%	0.00%	3.79%	100.00%
Grand Total	74.89%	2.35%	20.91%	1.85%	100.00%

ElectionName	2016 November General
OfficeCode	SLU

Results With Absentees

Sum of CandidateVotes	Column Labels				
Row Labels	GE16SLUD	GE16SLUI	GE16SLUR	GE16SLUW	Grand Total
State Senate	75.27%	2.29%	20.55%	1.89%	100.00%
1	58.07%	4.17%	37.42%	0.34%	100.00%
5	96.23%	0.00%	0.00%	3.77%	100.00%
Grand Total	75.27%	2.29%	20.55%	1.89%	100.00%

ElectionName	2016 November General
OfficeCode	SLL

Results Exluding Absentees

Sum of CandidateVotes	Column Labels			
Row Labels	GE16SLLD	GE16SLLR	GE16SLLW	Grand Total
House of Delegates	71.62%	26.88%	1.49%	100.00%
77	96.79%	0.00%	3.21%	100.00%
93	53.41%	46.34%	0.25%	100.00%
Grand Total	71.62%	26.88%	1.49%	100.00%

ElectionName	2016 November General
OfficeCode	SLL

Results With Absentees

Sum of CandidateVotes	Column Labels			
Row Labels	GE16SLLD	GE16SLLR	GE16SLLW	Grand Total
House of Delegates	71.89%	26.67%	1.44%	100.00%
77	96.94%	0.00%	3.06%	100.00%
93	53.52%	46.23%	0.25%	100.00%
Grand Total	71.89%	26.67%	1.44%	100.00%

Election	Na	Office	Title	District	FirstName	MiddleName	LastName	Party	CandidateField
2016 Nove		President and Vice Pre			Hillary		Clinton	Democratic	GE16PRSD
2016 Nove		President and Vice Pre			Jill		Stein	Green	GE16PRSG
2016 Nove		President and Vice Pre			Evan		McMullin	Independe	GE16PRSI
2016 Nove		President and Vice Pre			Gary		Johnson	Libertarian	GE16PRSL
2016 Nove		President and Vice Pre			Donald	J.	Trump	Republican	GE16PRSR
2016 Nove		President and Vice			President		WRITE IN VOTES		GE16PRSW
2016 Nove		Member H		93	MICHAEL	PAUL	MULLIN	Democratic	GE16SLLD
2016 Nove		Member H		77	CLIFTON	EUGENE	HAYES	Democratic	GE16SLLD
2016 Nove		Member H		93	HEATHER	LYNN	CORDASCC	Republican	GE16SLLR
2016 Nove		Member H		77			WRITE IN VOTES		GE16SLLW
2016 Nove		Member H		93			WRITE IN VOTES		GE16SLLW
2016 Nove		Member Se		1	Taylor	Montgome	Mason	Democratic	GE16SLUD
2016 Nove		Member Se		5	LIONELL		SPRUILL	Democratic	GE16SLUD
2016 Nove		Member Se		1	JOHN	BERNARD	BLOOM	Independe	GE16SLUI
2016 Nove		Member Se		1	THOMAS	RICHARD	HOLSTON	Republican	GE16SLUR
2016 Nove		Member Se		5			WRITE IN VOTES		GE16SLUW
2016 Nove		Member Se		1			WRITE IN VOTES		GE16SLUW
2016 Nove		Member H		1	MATTHEW	DEW	ROWE	Democratic	GE16USRD
2016 Nove		Member H		6	Kai		Degner	Democratic	GE16USRD
2016 Nove		Member H		8	DONALD	STERNOFF	BEYER	Democratic	GE16USRD
2016 Nove		Member H		11	GERALD	EDWARD	CONNOLLY	Democratic	GE16USRD
2016 Nove		Member H		4	A.	Donald	McEachin	Democratic	GE16USRD
2016 Nove		Member H		10	LuAnn	L.	Bennett	Democratic	GE16USRD
2016 Nove		Member H		3	ROBERT	CORTEZ	SCOTT	Democratic	GE16USRD
2016 Nove		Member H		7	EILEEN	MCNEIL	BEDELL	Democratic	GE16USRD
2016 Nove		Member H		2	Shaun	D.	Brown	Democratic	GE16USRD
2016 Nove		Member H		5	Jane	D.	Dittmar	Democratic	GE16USRD
2016 Nove		Member H		9	DEREK	W	KITTS	Democratic	GE16USRD
2016 Nove		Member H		8	JULIO		GRACIA	Independe	GE16USRI
2016 Nove		Member H		1	Glenda	Gail	Parker	Independe	GE16USRI
2016 Nove		Member H		9	Janice	Allen	Boyd	Independe	GE16USRI
2016 Nove		Member H		6	ROBERT	WILLIAM	GOODLATT	Republican	GE16USRR
2016 Nove		Member H		2	SCOTT	WILLIAM	TAYLOR	Republican	GE16USRR
2016 Nove		Member H		5	Tom	A.	Garrett	Republican	GE16USRR
2016 Nove		Member H		4	Michael	L.	Wade	Republican	GE16USRR
2016 Nove		Member H		8	CHARLES	ALAN	HERNICK	Republican	GE16USRR
2016 Nove		Member H		9	HOWARD	MORGAN	GRIFFITH	Republican	GE16USRR
2016 Nove		Member H		7	DAVID	A	BRAT	Republican	GE16USRR
2016 Nove		Member H		3	Martin	L	Williams	Republican	GE16USRR
2016 Nove		Member H		10	BARBARA	JEAN	COMSTOCK	Republican	GE16USRR
2016 Nove		Member H		1	ROBERT	JOSEPH	WITTMAN	Republican	GE16USRR
2016 Nove		Member H		2			WRITE IN VOTES		GE16USRW
2016 Nove		Member H		11			WRITE IN VOTES		GE16USRW
2016 Nove		Member H		5			WRITE IN VOTES		GE16USRW
2016 Nove		Member H		3			WRITE IN VOTES		GE16USRW
2016 Nove		Member H		7			WRITE IN VOTES		GE16USRW

2016 Nove Member H	6			WRITE IN VOTES	GE16USRW
2016 Nove Member H	9			WRITE IN VOTES	GE16USRW
2016 Nove Member H	1			WRITE IN VOTES	GE16USRW
2016 Nove Member H	4			WRITE IN VOTES	GE16USRW
2016 Nove Member H	10			WRITE IN VOTES	GE16USRW
2016 Nove Member H	8			WRITE IN VOTES	GE16USRW
2017 Nove Attorney General	MARK	RANKIN	HERRING	Democratic	GE17ATGD
2017 Nove Attorney General	JOHN	DONLEY	ADAMS	Republican	GE17ATGR
2017 Nove Attorney General			WRITE IN VOTES		GE17ATGW
2017 Nove Governor	RALPH	SHEARER	NORTHAM	Democratic	GE17GOVD
2017 Nove Governor	CLIFFORD	DANIEL	HYRA	Libertarian	GE17GOVL
2017 Nove Governor	EDWARD	WALTER	GILLESPIE	Republican	GE17GOVR
2017 Nove Governor			WRITE IN VOTES		GE17GOVW
2017 Nove Lieutenant Governor	JUSTIN	EDWARD	FAIRFAX	Democratic	GE17LTGD
2017 Nove Lieutenant Governor	JILL	HOLTZMAN	VOGEL	Republican	GE17LTGR
2017 Nove Lieutenant Governor			WRITE IN VOTES		GE17LTGW
2017 Nove Member H	86	JENNIFER	BARTON	BOYSKO	Democratic
2017 Nove Member H	41	EILEEN		FILLER-COF	Democratic
2017 Nove Member H	40	DONTE	THOMAS	TANNER	Democratic
2017 Nove Member H	37	DAVID	LAWRENCE	BULOVA	Democratic
2017 Nove Member H	28	JOSHUA	GREGORY	COLE	Democratic
2017 Nove Member H	91	MICHAEL	BRANDON	WADE	Democratic
2017 Nove Member H	46	CHARNIELE	LERHONDA	HERRING	Democratic
2017 Nove Member H	98	SHEILA		CROWLEY	Democratic
2017 Nove Member H	18	TRISTAN	DAILEY	SHIELDS	Democratic
2017 Nove Member H	30	SAMUEL	BENJAMIN	HIXON	Democratic
2017 Nove Member H	77	CLIFTON	EUGENE	HAYES	Democratic
2017 Nove Member H	8	STEVEN	GLYNN	MCBRIDE	Democratic
2017 Nove Member H	33	TIA	LYNN	WALBRIDG	Democratic
2017 Nove Member H	95	MARCIA	SIMONE	PRICE	Democratic
2017 Nove Member H	21	KELLY	KRISTEN	CONVIRS-F	Democratic
2017 Nove Member H	81	KIMBERLY	ANNE	TUCKER	Democratic
2017 Nove Member H	62	SHELIA		BYNUM-CC	Democratic
2017 Nove Member H	63	LASHRECSE	DIANNA JO	AIRD	Democratic
2017 Nove Member H	27	LARRY	VINCENT	BARNETT	Democratic
2017 Nove Member H	66	KATIE	ANN	SPONSLER	Democratic
2017 Nove Member H	65	FRANCIS	M	STEVENS	Democratic
2017 Nove Member H	70	DELORES	LOUISE	MCQUINN	Democratic
2017 Nove Member H	68	DAWN	MARIE	ADAMS	Democratic
2017 Nove Member H	69	BETSY	BROOKS	CARR	Democratic
2017 Nove Member H	80	MATTHEW		JAMES	Democratic
2017 Nove Member H	32	DAVID	ALAN	REID	Democratic
2017 Nove Member H	92	JEION	ANTONIA	WARD	Democratic
2017 Nove Member H	67	KARRIE	KRISTINE	DELANEY	Democratic
2017 Nove Member H	10	GWENDOL'	WALLACE	GOODITIS	Democratic
2017 Nove Member H	42	KATHY	KHANH LIN	TRAN	Democratic
2017 Nove Member H	36	KENNETH	RAY	PLUM	Democratic

2017 Nove Member H	1	ALICIA	DELYNN	KALLEN	Democratic	GE17SLLD
2017 Nove Member H	93	MICHAEL	PAUL	MULLIN	Democratic	GE17SLLD
2017 Nove Member H	96	KELLY	ANNE	DELUCIA	Democratic	GE17SLLD
2017 Nove Member H	64	REBECCA	SUE	COLAW	Democratic	GE17SLLD
2017 Nove Member H	72	SCHUYLER	THOMAS	VanValkenl	Democratic	GE17SLLD
2017 Nove Member H	71	JEFFREY	MICHAEL	BOURNE	Democratic	GE17SLLD
2017 Nove Member H	73	debra	hain	rodman	Democratic	GE17SLLD
2017 Nove Member H	13	DANICA	ANTHONY	ROEM	Democratic	GE17SLLD
2017 Nove Member H	51	hala	sophia	ayala	Democratic	GE17SLLD
2017 Nove Member H	97	CORI	ELIZABETH	JOHNSON	Democratic	GE17SLLD
2017 Nove Member H	2	JENNIFER	DENISE	CARROLL F	Democratic	GE17SLLD
2017 Nove Member H	56	MELISSA	MISCIONE	DART	Democratic	GE17SLLD
2017 Nove Member H	50	LEE	JIN	CARTER	Democratic	GE17SLLD
2017 Nove Member H	12	CHRISTOPH	LAIRD	HURST	Democratic	GE17SLLD
2017 Nove Member H	52	LUKE	EDWARD	TORIAN	Democratic	GE17SLLD
2017 Nove Member H	29	CASEY	SCOTT	TURBEN	Democratic	GE17SLLD
2017 Nove Member H	9	STEPHANIE	CHRISTINE	COOK	Democratic	GE17SLLD
2017 Nove Member H	7	FLOURETTE	MARIE MO	KETNER	Democratic	GE17SLLD
2017 Nove Member H	88	STEPHEN	RONALD	AYCOCK	Democratic	GE17SLLD
2017 Nove Member H	31	ELIZABETH	ROSALINA	GUZMAN	Democratic	GE17SLLD
2017 Nove Member H	26	BRENT	MICHAEL	FINNEGAN	Democratic	GE17SLLD
2017 Nove Member H	39	VIVIAN	EDNA	WATTS	Democratic	GE17SLLD
2017 Nove Member H	44	PAUL	EUGENE	KRIZEK	Democratic	GE17SLLD
2017 Nove Member H	35	MARK	LEE	KEAM	Democratic	GE17SLLD
2017 Nove Member H	43	MARK	DAVID	SICKLES	Democratic	GE17SLLD
2017 Nove Member H	53	MARCUS	B	SIMON	Democratic	GE17SLLD
2017 Nove Member H	38	LAURA	KAYE	KORY	Democratic	GE17SLLD
2017 Nove Member H	34	KATHLEEN	JOHNSON	MURPHY	Democratic	GE17SLLD
2017 Nove Member H	74	LAMONT		BAGBY	Democratic	GE17SLLD
2017 Nove Member H	87	JOHN	JOSEPH	BELL	Democratic	GE17SLLD
2017 Nove Member H	83	DAVID	EVAN	ROSE-CARM	Democratic	GE17SLLD
2017 Nove Member H	82	LEIGH	ANNE	BOWLING	Democratic	GE17SLLD
2017 Nove Member H	17	DJUNA	LAUREN	OSBORNE	Democratic	GE17SLLD
2017 Nove Member H	25	ANGELA	MARCKESA	LYNN	Democratic	GE17SLLD
2017 Nove Member H	57	DAVID	JOSEPH	TOSCANO	Democratic	GE17SLLD
2017 Nove Member H	3	WILLIAM	CAREY	BUNCH	Democratic	GE17SLLD
2017 Nove Member H	58	KELLEN	JAMES	SQUIRE	Democratic	GE17SLLD
2017 Nove Member H	89	JERRAULD	CHARLES C	JONES	Democratic	GE17SLLD
2017 Nove Member H	59	TRACY	LLOYD	CARVER	Democratic	GE17SLLD
2017 Nove Member H	85	CHERYL	BALDWIN	TURPIN	Democratic	GE17SLLD
2017 Nove Member H	20	MICHELE	DIXON	EDWARDS	Democratic	GE17SLLD
2017 Nove Member H	90	JOSEPH	CARNELL	LINDSEY	Democratic	GE17SLLD
2017 Nove Member H	48	RICHARD	C	SULLIVAN	Democratic	GE17SLLD
2017 Nove Member H	47	PATRICK	A	HOPE	Democratic	GE17SLLD
2017 Nove Member H	45	MARK	HERBERT	LEVINE	Democratic	GE17SLLD
2017 Nove Member H	49	ALFONSO	HOFFMAN	LOPEZ	Democratic	GE17SLLD
2017 Nove Member H	79	STEPHEN	EDWARD	HERETICK	Democratic	GE17SLLD

2017 Nove Member H	11 SALAM		RASOUL	Democratic	GE17SLLD
2017 Nove Member H	75 ROSLYN	CAIN	TYLER	Democratic	GE17SLLD
2017 Nove Member H	60 JAMAAL	MAALIK	JOHNSTON	Democratic	GE17SLLD
2017 Nove Member H	23 NATALIE	ALLENE	SHORT	Democratic	GE17SLLD
2017 Nove Member H	100 WILLIE	CALVIN	RANDALL	Democratic	GE17SLLD
2017 Nove Member H	55 MORGAN	KATHLEEN	GOODMAN	Democratic	GE17SLLD
2017 Nove Member H	54 ALFRED		DURANTE	Democratic	GE17SLLD
2017 Nove Member H	84 VERONICA	RICHARDS	COLEMAN	Democratic	GE17SLLD
2017 Nove Member H	94 SHELLY	ANNE	SIMONDS	Democratic	GE17SLLD
2017 Nove Member H	99 Francis		Edwards	Democratic	GE17SLLD
2017 Nove Member H	59 Marcus	Timothy	Sutphin	Green	GE17SLLG
2017 Nove Member H	69 MONTIGUE	TRENT	MAGRUE	Green	GE17SLLG
2017 Nove Member H	77 JEFFREY	BENNETT	STAPLES	Green	GE17SLLG
2017 Nove Member H	88 GERALD	LEE	ANDERSON	Green	GE17SLLG
2017 Nove Member H	18 WILTON		KING	Green	GE17SLLG
2017 Nove Member H	24 JOHN	CRAWFORD	WINFREY	Independe	GE17SLLI
2017 Nove Member H	59 DAVID	WADE	BALL	Independe	GE17SLLI
2017 Nove Member H	31 NATHAN	DANIEL	LARSON	Independe	GE17SLLI
2017 Nove Member H	88 AMANDA	MICHELE	BLALOCK	Independe	GE17SLLI
2017 Nove Member H	6 KENNETH	DAVID	BROWNIN	Independe	GE17SLLI
2017 Nove Member H	53 MICHAEL	STEVEN	CASEY	Independe	GE17SLLI
2017 Nove Member H	74 PRESTON	TAYLOR	BROWN	Independe	GE17SLLI
2017 Nove Member H	69 JACOB	ALAN	CROCKER	Libertarian	GE17SLLL
2017 Nove Member H	89 TERRY	RICHARD	HURST	Libertarian	GE17SLLL
2017 Nove Member H	20 WILLIAM	MICHAEL	HAMMER	Libertarian	GE17SLLL
2017 Nove Member H	94 MICHAEL	DAVID	BARTLEY	Libertarian	GE17SLLL
2017 Nove Member H	93 HEATHER	LYNN	CORDASCO	Republican	GE17SLLR
2017 Nove Member H	85 NORMAN	DEWEY	HOLCOMB	Republican	GE17SLLR
2017 Nove Member H	61 THOMAS	COLE	WRIGHT	Republican	GE17SLLR
2017 Nove Member H	1 TERRY	GENE	KILGORE	Republican	GE17SLLR
2017 Nove Member H	84 GLENN	RAY	DAVIS	Republican	GE17SLLR
2017 Nove Member H	72 EDWARD	SEAYERS	WHITLOCK	Republican	GE17SLLR
2017 Nove Member H	82 JASON	STUART	MIYARES	Republican	GE17SLLR
2017 Nove Member H	31 LEE	SCOTT	LINGAMFELT	Republican	GE17SLLR
2017 Nove Member H	32 THOMAS	ALEXANDER	GREASON	Republican	GE17SLLR
2017 Nove Member H	73 JOHN	MAURICE	O'BANNON	Republican	GE17SLLR
2017 Nove Member H	64 EMILY	MARIE	BREWER	Republican	GE17SLLR
2017 Nove Member H	24 BENJAMIN	LEE	CLINE	Republican	GE17SLLR
2017 Nove Member H	87 SUBBA	RAO	KOLLA	Republican	GE17SLLR
2017 Nove Member H	38 PAUL	BYRNE	HARING	Republican	GE17SLLR
2017 Nove Member H	16 LESLIE	RAY	ADAMS	Republican	GE17SLLR
2017 Nove Member H	40 TIMOTHY	DOUGLAS	HUGO	Republican	GE17SLLR
2017 Nove Member H	15 CHRISTOPHER	TODD	GILBERT	Republican	GE17SLLR
2017 Nove Member H	88 MARK	LANZE	COLE	Republican	GE17SLLR
2017 Nove Member H	59 CHARLES	MATTHEW	FARISS	Republican	GE17SLLR
2017 Nove Member H	96 BRENDA	LOWE	POGGE	Republican	GE17SLLR
2017 Nove Member H	12 JOSEPH	RYAN	YOST	Republican	GE17SLLR

2017 Nove Member H	25	RICHARD	STEVEN	LANDES	Republican GE17SLLR
2017 Nove Member H	58	ROBERT	BERNARD	BELL	Republican GE17SLLR
2017 Nove Member H	29	CHRISTOPH	EDMAN	COLLINS	Republican GE17SLLR
2017 Nove Member H	5	ISRAEL	DEAN	OQUINN	Republican GE17SLLR
2017 Nove Member H	50	JACKSON	HUNTER	MILLER	Republican GE17SLLR
2017 Nove Member H	2	MICHAEL	DAVID	MAKEE	Republican GE17SLLR
2017 Nove Member H	97	CHRISTOPH	KILIAN	PEACE	Republican GE17SLLR
2017 Nove Member H	9	CHARLES	DOUGLAS	POINDEXTE	Republican GE17SLLR
2017 Nove Member H	51	richard	lee	anderson	Republican GE17SLLR
2017 Nove Member H	7	LARRY	NICHOLAS	RUSH	Republican GE17SLLR
2017 Nove Member H	19	TERRY	LEE	AUSTIN	Republican GE17SLLR
2017 Nove Member H	100	ROBERT	SPURGEON	BLOXOM	Republican GE17SLLR
2017 Nove Member H	13	ROBERT	GERARD	MARSHALL	Republican GE17SLLR
2017 Nove Member H	56	JOHN	JOSEPH	MCGUIRE	Republican GE17SLLR
2017 Nove Member H	14	DANIEL	WEBSTER	MARSHALL	Republican GE17SLLR
2017 Nove Member H	49	ADAM		ROOSEVELT	Republican GE17SLLR
2017 Nove Member H	42	LOLITA	ISABEL	MANCHEN	Republican GE17SLLR
2017 Nove Member H	30	NICHOLAS	JASON	FREITAS	Republican GE17SLLR
2017 Nove Member H	18	MICHAEL	JAMES	WEBERT	Republican GE17SLLR
2017 Nove Member H	78	JAMES	ASBURY	LEFTWICH	Republican GE17SLLR
2017 Nove Member H	23	THOMAS	SCOTT	GARRETT	Republican GE17SLLR
2017 Nove Member H	8	GREGORY	DAVID	HABEEB	Republican GE17SLLR
2017 Nove Member H	10	JOHN	RANDALL	MINCHEW	Republican GE17SLLR
2017 Nove Member H	83	CHRISTOPH	PATRICK	STOLLE	Republican GE17SLLR
2017 Nove Member H	33	DAVID	ALFRED	LAROCK	Republican GE17SLLR
2017 Nove Member H	17	CHRISTOPH	TRACY	HEAD	Republican GE17SLLR
2017 Nove Member H	27	ROXANN	LAINE	ROBINSON	Republican GE17SLLR
2017 Nove Member H	65	ROBERT	LEE	WARE	Republican GE17SLLR
2017 Nove Member H	62	RILEY	EDWARD	INGRAM	Republican GE17SLLR
2017 Nove Member H	66	MARVIN	KIRKLAND	COX	Republican GE17SLLR
2017 Nove Member H	68	GEORGE	MANUEL	LOUPASSI	Republican GE17SLLR
2017 Nove Member H	60	JAMES	EASLEY	EDMUNDS	Republican GE17SLLR
2017 Nove Member H	21	RONALD JC	ASUNCION	VILLANUEVA	Republican GE17SLLR
2017 Nove Member H	76	STEVEN	CHRISTOPH	JONES	Republican GE17SLLR
2017 Nove Member H	55	HYLAND	FRANKLIN	FOWLER	Republican GE17SLLR
2017 Nove Member H	99	MARGARET	BEVANS	RANSONE	Republican GE17SLLR
2017 Nove Member H	94	DAVID	ETIENNE	YANCEY	Republican GE17SLLR
2017 Nove Member H	6	JEFFREY	LYNN	CAMPBELL	Republican GE17SLLR
2017 Nove Member H	22	KATHY	JAYNE	BYRON	Republican GE17SLLR
2017 Nove Member H	81	BARRY	DEAN	KNIGHT	Republican GE17SLLR
2017 Nove Member H	3	JAMES	WILLIAM JC	MOREFIELD	Republican GE17SLLR
2017 Nove Member H	34	CHERYL	ANNE	BUFORD	Republican GE17SLLR
2017 Nove Member H	98	MYRON	KEITH	HODGES	Republican GE17SLLR
2017 Nove Member H	86	Linda	Colleen	Schulz	Republican GE17SLLR
2017 Nove Member H	4	TODD	EDWARD	PILLION	Republican GE17SLLR
2017 Nove Member H	54	ROBERT	DICKSON	ORROCK	Republican GE17SLLR
2017 Nove Member H	26	TONY	OBRIAN	WILT	Republican GE17SLLR

2017 Nove Member H	20	RICHARD	PRESTON	BELL	Republican	GE17SLLR
2017 Nove Member H	91	GORDON	CLAIR	HELSEL	Republican	GE17SLLR
2017 Nove Member H	67	JAMES	MARK	LEMUNYOI	Republican	GE17SLLR
2017 Nove Member H	28	ROBERT	MICHAEL	THOMAS	Republican	GE17SLLR
2017 Nove Member H	89			WRITE IN VOTES		GE17SLLW
2017 Nove Member H	52			WRITE IN VOTES		GE17SLLW
2017 Nove Member H	83			WRITE IN VOTES		GE17SLLW
2017 Nove Member H	77			WRITE IN VOTES		GE17SLLW
2017 Nove Member H	84			WRITE IN VOTES		GE17SLLW
2017 Nove Member H	85			WRITE IN VOTES		GE17SLLW
2017 Nove Member H	15			WRITE IN VOTES		GE17SLLW
2017 Nove Member H	94			WRITE IN VOTES		GE17SLLW
2017 Nove Member H	11			WRITE IN VOTES		GE17SLLW
2017 Nove Member H	26			WRITE IN VOTES		GE17SLLW
2017 Nove Member H	92			WRITE IN VOTES		GE17SLLW
2017 Nove Member H	51			WRITE IN VOTES		GE17SLLW
2017 Nove Member H	79			WRITE IN VOTES		GE17SLLW
2017 Nove Member H	13			WRITE IN VOTES		GE17SLLW
2017 Nove Member H	28			WRITE IN VOTES		GE17SLLW
2017 Nove Member H	91			WRITE IN VOTES		GE17SLLW
2017 Nove Member H	90			WRITE IN VOTES		GE17SLLW
2017 Nove Member H	50			WRITE IN VOTES		GE17SLLW
2017 Nove Member H	82			WRITE IN VOTES		GE17SLLW
2017 Nove Member H	46			WRITE IN VOTES		GE17SLLW
2017 Nove Member H	21			WRITE IN VOTES		GE17SLLW
2017 Nove Member H	78			WRITE IN VOTES		GE17SLLW
2017 Nove Member H	76			WRITE IN VOTES		GE17SLLW
2017 Nove Member H	81			WRITE IN VOTES		GE17SLLW
2017 Nove Member H	80			WRITE IN VOTES		GE17SLLW
2017 Nove Member H	2			WRITE IN VOTES		GE17SLLW
2017 Nove Member H	95			WRITE IN VOTES		GE17SLLW
2017 Nove Member H	37			WRITE IN VOTES		GE17SLLW
2017 Nove Member H	32			WRITE IN VOTES		GE17SLLW
2017 Nove Member H	55			WRITE IN VOTES		GE17SLLW
2017 Nove Member H	99			WRITE IN VOTES		GE17SLLW
2017 Nove Member H	54			WRITE IN VOTES		GE17SLLW
2017 Nove Member H	6			WRITE IN VOTES		GE17SLLW
2017 Nove Member H	74			WRITE IN VOTES		GE17SLLW
2017 Nove Member H	27			WRITE IN VOTES		GE17SLLW
2017 Nove Member H	60			WRITE IN VOTES		GE17SLLW
2017 Nove Member H	87			WRITE IN VOTES		GE17SLLW
2017 Nove Member H	63			WRITE IN VOTES		GE17SLLW
2017 Nove Member H	62			WRITE IN VOTES		GE17SLLW
2017 Nove Member H	65			WRITE IN VOTES		GE17SLLW
2017 Nove Member H	68			WRITE IN VOTES		GE17SLLW
2017 Nove Member H	69			WRITE IN VOTES		GE17SLLW
2017 Nove Member H	33			WRITE IN VOTES		GE17SLLW

2017 Nove Member H	66	WRITE IN VOTES	GE17SLLW
2017 Nove Member H	75	WRITE IN VOTES	GE17SLLW
2017 Nove Member H	17	WRITE IN VOTES	GE17SLLW
2017 Nove Member H	3	WRITE IN VOTES	GE17SLLW
2017 Nove Member H	100	WRITE IN VOTES	GE17SLLW
2017 Nove Member H	58	WRITE IN VOTES	GE17SLLW
2017 Nove Member H	59	WRITE IN VOTES	GE17SLLW
2017 Nove Member H	25	WRITE IN VOTES	GE17SLLW
2017 Nove Member H	57	WRITE IN VOTES	GE17SLLW
2017 Nove Member H	19	WRITE IN VOTES	GE17SLLW
2017 Nove Member H	61	WRITE IN VOTES	GE17SLLW
2017 Nove Member H	23	WRITE IN VOTES	GE17SLLW
2017 Nove Member H	24	WRITE IN VOTES	GE17SLLW
2017 Nove Member H	47	WRITE IN VOTES	GE17SLLW
2017 Nove Member H	49	WRITE IN VOTES	GE17SLLW
2017 Nove Member H	45	WRITE IN VOTES	GE17SLLW
2017 Nove Member H	48	WRITE IN VOTES	GE17SLLW
2017 Nove Member H	20	WRITE IN VOTES	GE17SLLW
2017 Nove Member H	22	WRITE IN VOTES	GE17SLLW
2017 Nove Member H	10	WRITE IN VOTES	GE17SLLW
2017 Nove Member H	8	WRITE IN VOTES	GE17SLLW
2017 Nove Member H	70	WRITE IN VOTES	GE17SLLW
2017 Nove Member H	30	WRITE IN VOTES	GE17SLLW
2017 Nove Member H	9	WRITE IN VOTES	GE17SLLW
2017 Nove Member H	29	WRITE IN VOTES	GE17SLLW
2017 Nove Member H	12	WRITE IN VOTES	GE17SLLW
2017 Nove Member H	56	WRITE IN VOTES	GE17SLLW
2017 Nove Member H	5	WRITE IN VOTES	GE17SLLW
2017 Nove Member H	97	WRITE IN VOTES	GE17SLLW
2017 Nove Member H	72	WRITE IN VOTES	GE17SLLW
2017 Nove Member H	18	WRITE IN VOTES	GE17SLLW
2017 Nove Member H	71	WRITE IN VOTES	GE17SLLW
2017 Nove Member H	16	WRITE IN VOTES	GE17SLLW
2017 Nove Member H	14	WRITE IN VOTES	GE17SLLW
2017 Nove Member H	64	WRITE IN VOTES	GE17SLLW
2017 Nove Member H	96	WRITE IN VOTES	GE17SLLW
2017 Nove Member H	93	WRITE IN VOTES	GE17SLLW
2017 Nove Member H	1	WRITE IN VOTES	GE17SLLW
2017 Nove Member H	7	WRITE IN VOTES	GE17SLLW
2017 Nove Member H	31	WRITE IN VOTES	GE17SLLW
2017 Nove Member H	73	WRITE IN VOTES	GE17SLLW
2017 Nove Member H	35	WRITE IN VOTES	GE17SLLW
2017 Nove Member H	88	WRITE IN VOTES	GE17SLLW
2017 Nove Member H	4	WRITE IN VOTES	GE17SLLW
2017 Nove Member H	98	WRITE IN VOTES	GE17SLLW
2017 Nove Member H	44	WRITE IN VOTES	GE17SLLW
2017 Nove Member H	39	WRITE IN VOTES	GE17SLLW

2017 Nove Member H	43		WRITE IN VOTES	GE17SLLW
2017 Nove Member H	86		WRITE IN VOTES	GE17SLLW
2017 Nove Member H	34		WRITE IN VOTES	GE17SLLW
2017 Nove Member H	36		WRITE IN VOTES	GE17SLLW
2017 Nove Member H	53		WRITE IN VOTES	GE17SLLW
2017 Nove Member H	41		WRITE IN VOTES	GE17SLLW
2017 Nove Member H	42		WRITE IN VOTES	GE17SLLW
2017 Nove Member H	40		WRITE IN VOTES	GE17SLLW
2017 Nove Member H	67		WRITE IN VOTES	GE17SLLW
2017 Nove Member H	38		WRITE IN VOTES	GE17SLLW
2018 Nove Member H	8	EDWARD CARTER	TURNER Democratic	GE18SLLD
2018 Nove Member H	8	JOSEPH PATRICK	MCNAMAR Republican	GE18SLLR
2018 Nove Member H	8		WRITE IN VOTES	GE18SLLW
2018 Nove Member H	1	LAVANGELIA AEREKA	WILLIAMS Democratic	GE18USRD
2018 Nove Member H	4	Aston Donald	McEachin Democratic	GE18USRD
2018 Nove Member H	7	ABIGAIL ANNE DAV	SPANBERG Democratic	GE18USRD
2018 Nove Member H	9	ANTHONY JUDE	FLACCAVEI Democratic	GE18USRD
2018 Nove Member H	5	LESLIE CORKILL	COCKBURN Democratic	GE18USRD
2018 Nove Member H	8	DONALD STERNOFF	BEYER Democratic	GE18USRD
2018 Nove Member H	11	GERALD EDWARD	CONNOLLY Democratic	GE18USRD
2018 Nove Member H	2	ELAINE GOODMAN	LURIA Democratic	GE18USRD
2018 Nove Member H	3	ROBERT CORTEZ	SCOTT Democratic	GE18USRD
2018 Nove Member H	6	JENNIFER LYNN	LEWIS Democratic	GE18USRD
2018 Nove Member H	10	JENNIFER TOSINI	WEXTON Democratic	GE18USRD
2018 Nove Member H	4	PETER JOSEPH	WELLS Libertarian	GE18USRL
2018 Nove Member H	11	STEVAN MICHAEL	PORTER Libertarian	GE18USRL
2018 Nove Member H	7	JOSEPH BUCKLER	WALTON Libertarian	GE18USRL
2018 Nove Member H	10	BARBARA JEAN	COMSTOCK Republican	GE18USRR
2018 Nove Member H	4	RYAN ANDREW	MCADAMS Republican	GE18USRR
2018 Nove Member H	8	THOMAS SIYOUNG	OH Republican	GE18USRR
2018 Nove Member H	11	JEFFERY ANTHONY	DOVE Republican	GE18USRR
2018 Nove Member H	1	ROBERT JOSEPH	WITTMAN Republican	GE18USRR
2018 Nove Member H	6	BENJAMIN LEE	CLINE Republican	GE18USRR
2018 Nove Member H	2	SCOTT WILLIAM	TAYLOR Republican	GE18USRR
2018 Nove Member H	7	DAVID A	BRAT Republican	GE18USRR
2018 Nove Member H	9	HOWARD MORGAN	GRIFFITH Republican	GE18USRR
2018 Nove Member H	5	DENVER LEE	RIGGLEMA Republican	GE18USRR
2018 Nove Member H	8		WRITE IN VOTES	GE18USRW
2018 Nove Member H	3		WRITE IN VOTES	GE18USRW
2018 Nove Member H	11		WRITE IN VOTES	GE18USRW
2018 Nove Member H	5		WRITE IN VOTES	GE18USRW
2018 Nove Member H	2		WRITE IN VOTES	GE18USRW
2018 Nove Member H	10		WRITE IN VOTES	GE18USRW
2018 Nove Member H	7		WRITE IN VOTES	GE18USRW
2018 Nove Member H	4		WRITE IN VOTES	GE18USRW
2018 Nove Member H	6		WRITE IN VOTES	GE18USRW
2018 Nove Member H	1		WRITE IN VOTES	GE18USRW

2018 Nove Member H	9			WRITE IN VOTES	GE18USRW
2018 Nove Member United States	TIMOTHY	MICHAEL	KAINE	Democratic	GE18USSD
2018 Nove Member United States	MATTHEW	JOSEPH	WATERS	Libertarian	GE18USSL
2018 Nove Member United States	COREY	ALAN	STEWART	Republican	GE18USSR
2018 Nove Member United States Senate			WRITE IN VOTES		GE18USSW
2019 Nove Member H	4	STARLA	JO	KISER	Democratic
2019 Nove Member H	98	ELIZABETH	BELT	WEBSTER	Democratic
2019 Nove Member H	80	DON	LEONARD	SCOTT	Democratic
2019 Nove Member H	83	NANCY	DAHLMAN	GUY	Democratic
2019 Nove Member H	90	JOSEPH	CARNELL	LINDSEY	Democratic
2019 Nove Member H	89	JERRAULD	CHARLES C	JONES	Democratic
2019 Nove Member H	67	KARRIE	KRISTINE	DELANEY	Democratic
2019 Nove Member H	37	DAVID	LAWRENCE	BULOVA	Democratic
2019 Nove Member H	41	EILEEN		FILLER-COF	Democratic
2019 Nove Member H	86	IBRAHEEM	SABRI	SAMIRAH	Democratic
2019 Nove Member H	34	KATHLEEN	JOHNSON	MURPHY	Democratic
2019 Nove Member H	42	KATHY	KHANH LIN	TRAN	Democratic
2019 Nove Member H	18	LAURA	LEIGH	GALANTE	Democratic
2019 Nove Member H	36	KENNETH	RAY	PLUM	Democratic
2019 Nove Member H	40	DANIEL	ISAAC	HELMER	Democratic
2019 Nove Member H	30	ANN	FAULKNER	RIDGEWAY	Democratic
2019 Nove Member H	68	DAWN	MARIE	ADAMS	Democratic
2019 Nove Member H	33	MAVIS	BUNKER	TAINTOR	Democratic
2019 Nove Member H	60	JANIE	SUE	ZIMMERMAN	Democratic
2019 Nove Member H	99	Francis		Edwards	Democratic
2019 Nove Member H	55	MORGAN	KATHLEEN	GOODMAN	Democratic
2019 Nove Member H	54	NERI	NEFTALI	CANAHUI-C	Democratic
2019 Nove Member H	71	JEFFREY	MICHAEL	BOURNE	Democratic
2019 Nove Member H	6	JAMES	ROBERT	BARKER	Democratic
2019 Nove Member H	69	BETSY	BROOKS	CARR	Democratic
2019 Nove Member H	70	DELORES	LOUISE	MCQUINN	Democratic
2019 Nove Member H	38	LAURA	KAYE	KORY	Democratic
2019 Nove Member H	63	LASHRECSE	DIANNA JO	AIRD	Democratic
2019 Nove Member H	27	LAWRENCE	VINCENT	BARNETT	Democratic
2019 Nove Member H	62	LINDSEY	MICHELLE	DOUGHERTY	Democratic
2019 Nove Member H	65	MICHAEL	PATRICK	ASIP	Democratic
2019 Nove Member H	66	SHEILA	CAROL	BYNUM-CC	Democratic
2019 Nove Member H	10	GWENDOLYN	WALLACE	GOODITIS	Democratic
2019 Nove Member H	8	DARLENE	W	LEWIS	Democratic
2019 Nove Member H	53	MARCUS	B	SIMON	Democratic
2019 Nove Member H	56	JUANITA	JOAN	MATKINS	Democratic
2019 Nove Member H	35	MARK	LEE	KEAM	Democratic
2019 Nove Member H	13	DANICA	ANTHONY	ROEM	Democratic
2019 Nove Member H	51	hala	sophia	ayala	Democratic
2019 Nove Member H	2	JENNIFER	DENISE	CARROLL F	Democratic
2019 Nove Member H	50	LEE	JIN	CARTER	Democratic
2019 Nove Member H	52	LUKE	EDWARD	TORIAN	Democratic

2019 Nove Member H	26 BRENT	MICHAEL L	FINNEGAN	Democratic	GE19SLLD
2019 Nove Member H	28 JOSHUA	GREGORY	COLE	Democratic	GE19SLLD
2019 Nove Member H	91 MARTHA	MARTIN	MUGLER	Democratic	GE19SLLD
2019 Nove Member H	46 CHARNIE	LE RHONDA	HERRING	Democratic	GE19SLLD
2019 Nove Member H	95 MARCIA	SIMONE	PRICE	Democratic	GE19SLLD
2019 Nove Member H	77 CLIFTON	EUGENE	HAYES	Democratic	GE19SLLD
2019 Nove Member H	76 CLINTON	LEROY	JENKINS	Democratic	GE19SLLD
2019 Nove Member H	21 KELLY	KRISTEN	CONVIRS-F	Democratic	GE19SLLD
2019 Nove Member H	81 LENARD	TYRONE	MYERS	Democratic	GE19SLLD
2019 Nove Member H	79 STEPHEN	EDWARD	HERETICK	Democratic	GE19SLLD
2019 Nove Member H	15 BEVERLY		HARRISON	Democratic	GE19SLLD
2019 Nove Member H	87 SUHAS		SUBRAMAN	Democratic	GE19SLLD
2019 Nove Member H	32 DAVID	ALAN	REID	Democratic	GE19SLLD
2019 Nove Member H	94 SHELLY	ANNE	SIMONDS	Democratic	GE19SLLD
2019 Nove Member H	44 PAUL	EUGENE	KRIZEK	Democratic	GE19SLLD
2019 Nove Member H	39 VIVIAN	EDNA	WATTS	Democratic	GE19SLLD
2019 Nove Member H	31 ELIZABETH	ROSALINA	GUZMAN	Democratic	GE19SLLD
2019 Nove Member H	88 JESSICA	HARBESON	FOSTER	Democratic	GE19SLLD
2019 Nove Member H	7 RHONDA	GAIL	SELTZ	Democratic	GE19SLLD
2019 Nove Member H	29 IRINA	BORIS	KHANIN	Democratic	GE19SLLD
2019 Nove Member H	12 CHRISTOPH	LAIRD	HURST	Democratic	GE19SLLD
2019 Nove Member H	43 MARK	DAVID	SICKLES	Democratic	GE19SLLD
2019 Nove Member H	75 ROSLYN	CAIN	TYLER	Democratic	GE19SLLD
2019 Nove Member H	74 LAMONT		BAGBY	Democratic	GE19SLLD
2019 Nove Member H	73 RODNEY	TURNER	WILLETT	Democratic	GE19SLLD
2019 Nove Member H	72 SCHUYLER	THOMAS	VanValkenh	Democratic	GE19SLLD
2019 Nove Member H	14 ERIC	WAYNE	STAMPS	Democratic	GE19SLLD
2019 Nove Member H	64 MICHELE	ERB	JOYCE	Democratic	GE19SLLD
2019 Nove Member H	96 MARK	COLLINS	DOWNEY	Democratic	GE19SLLD
2019 Nove Member H	93 MICHAEL	PAUL	MULLIN	Democratic	GE19SLLD
2019 Nove Member H	97 KEVIN	DWAYNE	WASHINGTON	Democratic	GE19SLLD
2019 Nove Member H	11 SALAM		RASOUL	Democratic	GE19SLLD
2019 Nove Member H	92 JEION	ANTONIA	WARD	Democratic	GE19SLLD
2019 Nove Member H	45 MARK	HERBERT	LEVINE	Democratic	GE19SLLD
2019 Nove Member H	24 CHRISTIAN	RENAU	WORTH	Democratic	GE19SLLD
2019 Nove Member H	100 PHILIP	MYCHAE	HERNANDE	Democratic	GE19SLLD
2019 Nove Member H	22 JENNIFER	KAY	WOOFER	Democratic	GE19SLLD
2019 Nove Member H	25 JENNIFER	LEIGH	KITCHEN	Democratic	GE19SLLD
2019 Nove Member H	20 JENNIFER	LYNN	LEWIS	Democratic	GE19SLLD
2019 Nove Member H	23 DAVID	ARTHUR	ZILLES	Democratic	GE19SLLD
2019 Nove Member H	82 GAYLE	HARRISON	JOHNSON	Democratic	GE19SLLD
2019 Nove Member H	47 PATRICK	A	HOPE	Democratic	GE19SLLD
2019 Nove Member H	84 KAREN	POWERS	MALLARD	Democratic	GE19SLLD
2019 Nove Member H	48 RICHARD	C	SULLIVAN	Democratic	GE19SLLD
2019 Nove Member H	59 TIMOTHY	JOSEPH	HICKEY	Democratic	GE19SLLD
2019 Nove Member H	61 TRUDY	BELL	BERRY	Democratic	GE19SLLD
2019 Nove Member H	85 ALEX	QUENTIN	ASKEW	Democratic	GE19SLLD

2019 Nove Member H	57 sally	lindquist	hudson	Democratic	GE19SLLD
2019 Nove Member H	58 ELIZABETH	ANN	ALCORN	Democratic	GE19SLLD
2019 Nove Member H	49 ALFONSO	HOFFMAN	LOPEZ	Democratic	GE19SLLD
2019 Nove Member H	43 GLENDA	GAIL	PARKER	Independe	GE19SLLI
2019 Nove Member H	41 JOHN	M	WOLFE	Independe	GE19SLLI
2019 Nove Member H	25 JANICE	LEE	ALLEN	Independe	GE19SLLI
2019 Nove Member H	49 TERRENCE	WAYNE	MODGLIN	Independe	GE19SLLI
2019 Nove Member H	24 BILLY	ELI	FISHPAW	Independe	GE19SLLI
2019 Nove Member H	63 LAWRENCE	CHARLES	HAAKE	Independe	GE19SLLI
2019 Nove Member H	80 RYAN	COLLIN	BENTON	Independe	GE19SLLI
2019 Nove Member H	66 LINNARD	KEITH	HARRIS	Independe	GE19SLLI
2019 Nove Member H	41 RACHEL	DOROTHY	MACE	Libertarian	GE19SLLL
2019 Nove Member H	16 DUSTIN	WILSON	EVANS	Libertarian	GE19SLLL
2019 Nove Member H	96 JAMES	WALTER	JOBE	Libertarian	GE19SLLL
2019 Nove Member H	71 PETER	JOSEPH	WELLS	Libertarian	GE19SLLL
2019 Nove Member H	94 MICHAEL	DAVID	BARTLEY	Libertarian	GE19SLLL
2019 Nove Member H	18 MICHAEL	JAMES	WEBERT	Republican	GE19SLLR
2019 Nove Member H	96 AMANDA	ETTER	BATTEN	Republican	GE19SLLR
2019 Nove Member H	10 JOHN	RANDALL	MINCHEW	Republican	GE19SLLR
2019 Nove Member H	7 LARRY	NICHOLAS	RUSH	Republican	GE19SLLR
2019 Nove Member H	93 HEATHER	LYNN	CORDASCC	Republican	GE19SLLR
2019 Nove Member H	8 JOSEPH	PATRICK	MCNAMAR	Republican	GE19SLLR
2019 Nove Member H	4 William	Creed	Wampler	Republican	GE19SLLR
2019 Nove Member H	1 TERRY	GENE	KILGORE	Republican	GE19SLLR
2019 Nove Member H	98 MYRON	KEITH	HODGES	Republican	GE19SLLR
2019 Nove Member H	80 JAMES	WILLIAM	EVANS	Republican	GE19SLLR
2019 Nove Member H	82 JASON	STUART RE	MIYARES	Republican	GE19SLLR
2019 Nove Member H	64 EMILY	MARIE	BREWER	Republican	GE19SLLR
2019 Nove Member H	88 MARK	LANZE	COLE	Republican	GE19SLLR
2019 Nove Member H	61 THOMAS	COLE	WRIGHT	Republican	GE19SLLR
2019 Nove Member H	31 DARRELL	HAMILTON	JORDAN	Republican	GE19SLLR
2019 Nove Member H	29 CHRISTOPH	EDMAN	COLLINS	Republican	GE19SLLR
2019 Nove Member H	40 TIMOTHY	DOUGLAS	HUGO	Republican	GE19SLLR
2019 Nove Member H	12 Travis	Forrest	Hite	Republican	GE19SLLR
2019 Nove Member H	42 STEVEN	PAUL	ADRAGNA	Republican	GE19SLLR
2019 Nove Member H	83 CHRISTOPH	PATRICK	STOLLE	Republican	GE19SLLR
2019 Nove Member H	44 RICHARD	TERRENCE	HAYDEN	Republican	GE19SLLR
2019 Nove Member H	56 John	Joseph	McGuire	Republican	GE19SLLR
2019 Nove Member H	58 ROBERT	BERNARD	BELL	Republican	GE19SLLR
2019 Nove Member H	39 NICHOLAS	O'CONNELL	BELL	Republican	GE19SLLR
2019 Nove Member H	24 RONNIE	RAY	CAMPBELL	Republican	GE19SLLR
2019 Nove Member H	23 WENDELL	SCOTT	WALKER	Republican	GE19SLLR
2019 Nove Member H	19 TERRY	LEE	AUSTIN	Republican	GE19SLLR
2019 Nove Member H	84 GLENN	RAY	DAVIS	Republican	GE19SLLR
2019 Nove Member H	97 SCOTT	ANDREW	WYATT	Republican	GE19SLLR
2019 Nove Member H	34 GARY	G	PAN	Republican	GE19SLLR
2019 Nove Member H	72 GAY	DONNA	VANDERGR	Republican	GE19SLLR

2019 Nove Member H	25	CHRISTOPH SCOTT	RUNION	Republican	GE19SLLR
2019 Nove Member H	14	DANIEL WEBSTER	MARSHALL	Republican	GE19SLLR
2019 Nove Member H	16	LESLIE RAY	ADAMS	Republican	GE19SLLR
2019 Nove Member H	5	ISRAEL DEAN	OQUINN	Republican	GE19SLLR
2019 Nove Member H	73	MARY MARGARET	KASTELBER	Republican	GE19SLLR
2019 Nove Member H	9	CHARLES DOUGLAS	POINDEXTE	Republican	GE19SLLR
2019 Nove Member H	87	WILLIAM M	DRENNAN	Republican	GE19SLLR
2019 Nove Member H	13	KELLY SWEENEY	MCGINN	Republican	GE19SLLR
2019 Nove Member H	75	HOWARD OTTO	WACHSMAN	Republican	GE19SLLR
2019 Nove Member H	78	JAMES ASBURY	LEFTWICH	Republican	GE19SLLR
2019 Nove Member H	100	ROBERT SPURGEON	BLOXOM	Republican	GE19SLLR
2019 Nove Member H	85	NORMAN DEWEY	HOLCOMB	Republican	GE19SLLR
2019 Nove Member H	52	MARIA EUGENIA	MARTIN	Republican	GE19SLLR
2019 Nove Member H	51	richard lee	anderson	Republican	GE19SLLR
2019 Nove Member H	50	IAN TRAVIS	LOVEJOY	Republican	GE19SLLR
2019 Nove Member H	60	JAMES EASLEY	EDMUNDS	Republican	GE19SLLR
2019 Nove Member H	28	PAUL VINCENT	MILDE	Republican	GE19SLLR
2019 Nove Member H	33	DAVID ALFRED	LAROCK	Republican	GE19SLLR
2019 Nove Member H	22	KATHY JAYNE	BYRON	Republican	GE19SLLR
2019 Nove Member H	6	JEFFREY LYNN	CAMPBELL	Republican	GE19SLLR
2019 Nove Member H	55	HYLAND FRANKLIN	FOWLER	Republican	GE19SLLR
2019 Nove Member H	99	MARGARET BEVANS	RANSONE	Republican	GE19SLLR
2019 Nove Member H	91	COLLEEN HOLMES	HOLCOMB	Republican	GE19SLLR
2019 Nove Member H	26	TONY OBRIAN	WILT	Republican	GE19SLLR
2019 Nove Member H	2	HEATHER FUNDERBURG	MITCHELL	Republican	GE19SLLR
2019 Nove Member H	81	BARRY DEAN	KNIGHT	Republican	GE19SLLR
2019 Nove Member H	62	CARRIE EMERSON	COYNER	Republican	GE19SLLR
2019 Nove Member H	59	CHARLES MATTHEW	FARISS	Republican	GE19SLLR
2019 Nove Member H	27	ROXANN LAINE	ROBINSON	Republican	GE19SLLR
2019 Nove Member H	65	ROBERT LEE	WARE	Republican	GE19SLLR
2019 Nove Member H	15	CHRISTOPH TODD	GILBERT	Republican	GE19SLLR
2019 Nove Member H	66	MARVIN KIRKLAND	COX	Republican	GE19SLLR
2019 Nove Member H	94	DAVID ETIENNE	YANCEY	Republican	GE19SLLR
2019 Nove Member H	20	GIANFRANCO	AVOLI	Republican	GE19SLLR
2019 Nove Member H	3	JAMES WILLIAM JOHNSON	MOREFIELD	Republican	GE19SLLR
2019 Nove Member H	17	CHRISTOPH TRACY	HEAD	Republican	GE19SLLR
2019 Nove Member H	68	GARRISON RASHAD	COWARD	Republican	GE19SLLR
2019 Nove Member H	21	SHANNON DENISE SNYDER	KANE	Republican	GE19SLLR
2019 Nove Member H	76	STEVEN CHRISTOPH	JONES	Republican	GE19SLLR
2019 Nove Member H	54	ROBERT DICKSON	ORROCK	Republican	GE19SLLR
2019 Nove Member H	100		WRITE IN VOTES		GE19SLLW
2019 Nove Member H	5		WRITE IN VOTES		GE19SLLW
2019 Nove Member H	78		WRITE IN VOTES		GE19SLLW
2019 Nove Member H	61		WRITE IN VOTES		GE19SLLW
2019 Nove Member H	79		WRITE IN VOTES		GE19SLLW
2019 Nove Member H	56		WRITE IN VOTES		GE19SLLW
2019 Nove Member H	95		WRITE IN VOTES		GE19SLLW

2019 Nove Member H	12	WRITE IN VOTES	GE19SLLW
2019 Nove Member H	92	WRITE IN VOTES	GE19SLLW
2019 Nove Member H	89	WRITE IN VOTES	GE19SLLW
2019 Nove Member H	21	WRITE IN VOTES	GE19SLLW
2019 Nove Member H	29	WRITE IN VOTES	GE19SLLW
2019 Nove Member H	76	WRITE IN VOTES	GE19SLLW
2019 Nove Member H	77	WRITE IN VOTES	GE19SLLW
2019 Nove Member H	81	WRITE IN VOTES	GE19SLLW
2019 Nove Member H	94	WRITE IN VOTES	GE19SLLW
2019 Nove Member H	46	WRITE IN VOTES	GE19SLLW
2019 Nove Member H	15	WRITE IN VOTES	GE19SLLW
2019 Nove Member H	87	WRITE IN VOTES	GE19SLLW
2019 Nove Member H	2	WRITE IN VOTES	GE19SLLW
2019 Nove Member H	1	WRITE IN VOTES	GE19SLLW
2019 Nove Member H	51	WRITE IN VOTES	GE19SLLW
2019 Nove Member H	83	WRITE IN VOTES	GE19SLLW
2019 Nove Member H	50	WRITE IN VOTES	GE19SLLW
2019 Nove Member H	13	WRITE IN VOTES	GE19SLLW
2019 Nove Member H	52	WRITE IN VOTES	GE19SLLW
2019 Nove Member H	96	WRITE IN VOTES	GE19SLLW
2019 Nove Member H	93	WRITE IN VOTES	GE19SLLW
2019 Nove Member H	58	WRITE IN VOTES	GE19SLLW
2019 Nove Member H	97	WRITE IN VOTES	GE19SLLW
2019 Nove Member H	90	WRITE IN VOTES	GE19SLLW
2019 Nove Member H	26	WRITE IN VOTES	GE19SLLW
2019 Nove Member H	25	WRITE IN VOTES	GE19SLLW
2019 Nove Member H	16	WRITE IN VOTES	GE19SLLW
2019 Nove Member H	14	WRITE IN VOTES	GE19SLLW
2019 Nove Member H	28	WRITE IN VOTES	GE19SLLW
2019 Nove Member H	57	WRITE IN VOTES	GE19SLLW
2019 Nove Member H	19	WRITE IN VOTES	GE19SLLW
2019 Nove Member H	73	WRITE IN VOTES	GE19SLLW
2019 Nove Member H	74	WRITE IN VOTES	GE19SLLW
2019 Nove Member H	72	WRITE IN VOTES	GE19SLLW
2019 Nove Member H	91	WRITE IN VOTES	GE19SLLW
2019 Nove Member H	59	WRITE IN VOTES	GE19SLLW
2019 Nove Member H	64	WRITE IN VOTES	GE19SLLW
2019 Nove Member H	32	WRITE IN VOTES	GE19SLLW
2019 Nove Member H	36	WRITE IN VOTES	GE19SLLW
2019 Nove Member H	48	WRITE IN VOTES	GE19SLLW
2019 Nove Member H	49	WRITE IN VOTES	GE19SLLW
2019 Nove Member H	40	WRITE IN VOTES	GE19SLLW
2019 Nove Member H	8	WRITE IN VOTES	GE19SLLW
2019 Nove Member H	35	WRITE IN VOTES	GE19SLLW
2019 Nove Member H	80	WRITE IN VOTES	GE19SLLW
2019 Nove Member H	39	WRITE IN VOTES	GE19SLLW
2019 Nove Member H	34	WRITE IN VOTES	GE19SLLW

2019 Nove Member H	84	WRITE IN VOTES	GE19SLLW
2019 Nove Member H	67	WRITE IN VOTES	GE19SLLW
2019 Nove Member H	20	WRITE IN VOTES	GE19SLLW
2019 Nove Member H	37	WRITE IN VOTES	GE19SLLW
2019 Nove Member H	45	WRITE IN VOTES	GE19SLLW
2019 Nove Member H	54	WRITE IN VOTES	GE19SLLW
2019 Nove Member H	38	WRITE IN VOTES	GE19SLLW
2019 Nove Member H	99	WRITE IN VOTES	GE19SLLW
2019 Nove Member H	42	WRITE IN VOTES	GE19SLLW
2019 Nove Member H	69	WRITE IN VOTES	GE19SLLW
2019 Nove Member H	41	WRITE IN VOTES	GE19SLLW
2019 Nove Member H	53	WRITE IN VOTES	GE19SLLW
2019 Nove Member H	86	WRITE IN VOTES	GE19SLLW
2019 Nove Member H	44	WRITE IN VOTES	GE19SLLW
2019 Nove Member H	30 NICHOLAS J	FREITAS Write-In	GE19SLLW
2019 Nove Member H	98	WRITE IN VOTES	GE19SLLW
2019 Nove Member H	85	WRITE IN VOTES	GE19SLLW
2019 Nove Member H	43	WRITE IN VOTES	GE19SLLW
2019 Nove Member H	33	WRITE IN VOTES	GE19SLLW
2019 Nove Member H	47	WRITE IN VOTES	GE19SLLW
2019 Nove Member H	55	WRITE IN VOTES	GE19SLLW
2019 Nove Member H	7	WRITE IN VOTES	GE19SLLW
2019 Nove Member H	88	WRITE IN VOTES	GE19SLLW
2019 Nove Member H	17	WRITE IN VOTES	GE19SLLW
2019 Nove Member H	75	WRITE IN VOTES	GE19SLLW
2019 Nove Member H	31	WRITE IN VOTES	GE19SLLW
2019 Nove Member H	11	WRITE IN VOTES	GE19SLLW
2019 Nove Member H	65	WRITE IN VOTES	GE19SLLW
2019 Nove Member H	68	WRITE IN VOTES	GE19SLLW
2019 Nove Member H	62	WRITE IN VOTES	GE19SLLW
2019 Nove Member H	63	WRITE IN VOTES	GE19SLLW
2019 Nove Member H	9	WRITE IN VOTES	GE19SLLW
2019 Nove Member H	30	WRITE IN VOTES	GE19SLLW
2019 Nove Member H	71	WRITE IN VOTES	GE19SLLW
2019 Nove Member H	27	WRITE IN VOTES	GE19SLLW
2019 Nove Member H	24	WRITE IN VOTES	GE19SLLW
2019 Nove Member H	23	WRITE IN VOTES	GE19SLLW
2019 Nove Member H	18	WRITE IN VOTES	GE19SLLW
2019 Nove Member H	82	WRITE IN VOTES	GE19SLLW
2019 Nove Member H	3	WRITE IN VOTES	GE19SLLW
2019 Nove Member H	66	WRITE IN VOTES	GE19SLLW
2019 Nove Member H	60	WRITE IN VOTES	GE19SLLW
2019 Nove Member H	22	WRITE IN VOTES	GE19SLLW
2019 Nove Member H	6	WRITE IN VOTES	GE19SLLW
2019 Nove Member H	70	WRITE IN VOTES	GE19SLLW
2019 Nove Member H	4	WRITE IN VOTES	GE19SLLW
2019 Nove Member H	10	WRITE IN VOTES	GE19SLLW

2019 Nove Member Se	13 JOHN	JOSEPH	BELL	Democratic	GE19SLUD
2019 Nove Member Se	11 AMANDA	LEONARD	POHL	Democratic	GE19SLUD
2019 Nove Member Se	24 ANNETTE	HEATHCO	HYDE	Democratic	GE19SLUD
2019 Nove Member Se	16 JOSEPH	DEE	MORRISSE	Democratic	GE19SLUD
2019 Nove Member Se	10 GHAZALA	FIRDOUS	HASHMI	Democratic	GE19SLUD
2019 Nove Member Se	17 AMY	JOSEPHINE	LAUFER	Democratic	GE19SLUD
2019 Nove Member Se	8 MELISSA		COTTER SM	Democratic	GE19SLUD
2019 Nove Member Se	29 JEREMY	SCOTT	MCPIKE	Democratic	GE19SLUD
2019 Nove Member Se	26 APRIL	DOROTHEA	MOORE	Democratic	GE19SLUD
2019 Nove Member Se	2 MAMIE	EVELYN	LOCKE	Democratic	GE19SLUD
2019 Nove Member Se	14 REBECCA	EAMES	RAVESON	Democratic	GE19SLUD
2019 Nove Member Se	32 JANET	DENISON	HOWELL	Democratic	GE19SLUD
2019 Nove Member Se	21 JOHN	SAUL	EDWARDS	Democratic	GE19SLUD
2019 Nove Member Se	5 LIONELL		SPRUILL	Democratic	GE19SLUD
2019 Nove Member Se	36 SCOTT	A	SUROVELL	Democratic	GE19SLUD
2019 Nove Member Se	3 HERBERT	CARROLL	JONES	Democratic	GE19SLUD
2019 Nove Member Se	18 LILLIE	LOUISE BO	LUCAS	Democratic	GE19SLUD
2019 Nove Member Se	6 LYNWOOD	WAYNE	LEWIS	Democratic	GE19SLUD
2019 Nove Member Se	35 RICHARD	LAWRENCE	SASLAW	Democratic	GE19SLUD
2019 Nove Member Se	7 CHERYL	BALDWIN	TURPIN	Democratic	GE19SLUD
2019 Nove Member Se	22 DAKOTA	SCOTT	CLAYTOR	Democratic	GE19SLUD
2019 Nove Member Se	15 VIRGINIA	MAE	SMITH	Democratic	GE19SLUD
2019 Nove Member Se	27 RONALD	JOSEPH	ROSS	Democratic	GE19SLUD
2019 Nove Member Se	34 JOHN	CHAPMAN	PETERSEN	Democratic	GE19SLUD
2019 Nove Member Se	33 JENNIFER	BARTON	BOYSKO	Democratic	GE19SLUD
2019 Nove Member Se	39 GEORGE	LINCOLN	BARKER	Democratic	GE19SLUD
2019 Nove Member Se	37 DAVID	WILLIAM	MARSDEN	Democratic	GE19SLUD
2019 Nove Member Se	30 ADAM	PAUL	EBBIN	Democratic	GE19SLUD
2019 Nove Member Se	25 ROBERT	CREIGH	DEEDS	Democratic	GE19SLUD
2019 Nove Member Se	19 FLOURETTE	MARIE MO	KETNER	Democratic	GE19SLUD
2019 Nove Member Se	31 BARBARA	Ann	FAVOLA	Democratic	GE19SLUD
2019 Nove Member Se	1 TAYLOR	MONTGOM	MASON	Democratic	GE19SLUD
2019 Nove Member Se	28 qasim		rashid	Democratic	GE19SLUD
2019 Nove Member Se	4 RAYMOND	STANTON	SCOTT	Democratic	GE19SLUD
2019 Nove Member Se	12 debra	hain	rodman	Democratic	GE19SLUD
2019 Nove Member Se	9 JENNIFER	LEIGH	MCCLELLA	Democratic	GE19SLUD
2019 Nove Member Se	20 SHERMAN	DAVID	WITCHER	Independe	GE19SLUI
2019 Nove Member Se	5 JEFFREY	BENNETT	STAPLES	Independe	GE19SLUI
2019 Nove Member Se	25 ELLIOTT	MICHAEL	HARDING	Independe	GE19SLUI
2019 Nove Member Se	38 GEORGE	WILLIAM	MCCALL	Independe	GE19SLUI
2019 Nove Member Se	21 STEVEN	LEE	NELSON	Independe	GE19SLUI
2019 Nove Member Se	16 WAYLIN	K	ROSS	Independe	GE19SLUI
2019 Nove Member Se	40 KENNETH	WILLIAM	HEATH	Independe	GE19SLUI
2019 Nove Member Se	9 MARK	EDWARD	LEWIS	Libertarian	GE19SLUL
2019 Nove Member Se	11 AMANDA	FREEMAN	CHASE	Republican	GE19SLUR
2019 Nove Member Se	7 JENNIFER	ANN	KIGGANS	Republican	GE19SLUR
2019 Nove Member Se	38 AUGUSTUS	BENTON	CHAFIN	Republican	GE19SLUR

2019 Nove Member Se	8	WILLIAM	ROBERT	DESTEPH	Republican	GE19SLUR
2019 Nove Member Se	15	FRANK	MILLER	RUFF	Republican	GE19SLUR
2019 Nove Member Se	33	SUZANNE	DENISE	FOX	Republican	GE19SLUR
2019 Nove Member Se	3	THOMAS	KENT	NORMENT	Republican	GE19SLUR
2019 Nove Member Se	6	ELIZABETH	ANNE	LANKFORD	Republican	GE19SLUR
2019 Nove Member Se	39	SAMUEL	WAYNE	HILLENBUR	Republican	GE19SLUR
2019 Nove Member Se	40	TODD	EDWARD	PILLION	Republican	GE19SLUR
2019 Nove Member Se	22	MARK	JOSEPH	PEAKE	Republican	GE19SLUR
2019 Nove Member Se	17	BRYCE	E	REEVES	Republican	GE19SLUR
2019 Nove Member Se	14	JOHN	ALOYSIUS	COSGROVE	Republican	GE19SLUR
2019 Nove Member Se	32	ARTHUR	GRAHAME	PURVES	Republican	GE19SLUR
2019 Nove Member Se	28	RICHARD	HENRY	STUART	Republican	GE19SLUR
2019 Nove Member Se	4	RYAN	TODD	MCDOUGL	Republican	GE19SLUR
2019 Nove Member Se	19	DAVID	ROBERT	SUETTERLE	Republican	GE19SLUR
2019 Nove Member Se	13	GEARY	MICHAEL	HIGGINS	Republican	GE19SLUR
2019 Nove Member Se	27	JILL	HOLTZMAN	VOGEL	Republican	GE19SLUR
2019 Nove Member Se	26	MARK	DUDLEY	OBENSHAI	Republican	GE19SLUR
2019 Nove Member Se	20	WILLIAM	MARTIN	STANLEY	Republican	GE19SLUR
2019 Nove Member Se	24	EMMETT	WILSON	HANGER	Republican	GE19SLUR
2019 Nove Member Se	10	GLEN		STURTEVAI	Republican	GE19SLUR
2019 Nove Member Se	12	SIOBHAN	STOLLE	DUNNAVAI	Republican	GE19SLUR
2019 Nove Member Se	23	STEPHEN	DWAYNE	NEWMAN	Republican	GE19SLUR
2019 Nove Member Se	7			WRITE IN VOTES		GE19SLUW
2019 Nove Member Se	8			WRITE IN VOTES		GE19SLUW
2019 Nove Member Se	37			WRITE IN VOTES		GE19SLUW
2019 Nove Member Se	2			WRITE IN VOTES		GE19SLUW
2019 Nove Member Se	4			WRITE IN VOTES		GE19SLUW
2019 Nove Member Se	18			WRITE IN VOTES		GE19SLUW
2019 Nove Member Se	15			WRITE IN VOTES		GE19SLUW
2019 Nove Member Se	38			WRITE IN VOTES		GE19SLUW
2019 Nove Member Se	19			WRITE IN VOTES		GE19SLUW
2019 Nove Member Se	23			WRITE IN VOTES		GE19SLUW
2019 Nove Member Se	24			WRITE IN VOTES		GE19SLUW
2019 Nove Member Se	30			WRITE IN VOTES		GE19SLUW
2019 Nove Member Se	31			WRITE IN VOTES		GE19SLUW
2019 Nove Member Se	32			WRITE IN VOTES		GE19SLUW
2019 Nove Member Se	22			WRITE IN VOTES		GE19SLUW
2019 Nove Member Se	11			WRITE IN VOTES		GE19SLUW
2019 Nove Member Se	25			WRITE IN VOTES		GE19SLUW
2019 Nove Member Se	17			WRITE IN VOTES		GE19SLUW
2019 Nove Member Se	6			WRITE IN VOTES		GE19SLUW
2019 Nove Member Se	20			WRITE IN VOTES		GE19SLUW
2019 Nove Member Se	9			WRITE IN VOTES		GE19SLUW
2019 Nove Member Se	16			WRITE IN VOTES		GE19SLUW
2019 Nove Member Se	3			WRITE IN VOTES		GE19SLUW
2019 Nove Member Se	13			WRITE IN VOTES		GE19SLUW
2019 Nove Member Se	28			WRITE IN VOTES		GE19SLUW

2019 Nove Member Se	1			WRITE IN VOTES	GE19SLUW	
2019 Nove Member Se	14			WRITE IN VOTES	GE19SLUW	
2019 Nove Member Se	12			WRITE IN VOTES	GE19SLUW	
2019 Nove Member Se	40			WRITE IN VOTES	GE19SLUW	
2019 Nove Member Se	10			WRITE IN VOTES	GE19SLUW	
2019 Nove Member Se	21			WRITE IN VOTES	GE19SLUW	
2019 Nove Member Se	33			WRITE IN VOTES	GE19SLUW	
2019 Nove Member Se	5			WRITE IN VOTES	GE19SLUW	
2019 Nove Member Se	39			WRITE IN VOTES	GE19SLUW	
2019 Nove Member Se	35			WRITE IN VOTES	GE19SLUW	
2019 Nove Member Se	34			WRITE IN VOTES	GE19SLUW	
2019 Nove Member Se	36			WRITE IN VOTES	GE19SLUW	
2019 Nove Member Se	27			WRITE IN VOTES	GE19SLUW	
2019 Nove Member Se	26			WRITE IN VOTES	GE19SLUW	
2019 Nove Member Se	29			WRITE IN VOTES	GE19SLUW	
2020 Nove President and Vice Pre Joseph		Robinette	Biden	Democratic	GE20PRSD	
2020 Nove President and Vice Pre Jo			Jorgensen	Libertarian	GE20PRSL	
2020 Nove President and Vice Pre Donald		J.	Trump	Republican	GE20PRSR	
2020 Nove President and Vice President				WRITE IN VOTES	GE20PRSW	
2020 Nove Member H	29	IRINA	BORIS	KHANIN	Democratic	GE20SLLD
2020 Nove Member H	29	WILLIAM	DAWSON	WILEY	Republican	GE20SLLR
2020 Nove Member H	29			WRITE IN VOTES	GE20SLLW	
2020 Nove Member H	10	JENNIFER	TOSINI	WEXTON	Democratic	GE20USRD
2020 Nove Member H	8	DONALD	STERNOFF	BEYER	Democratic	GE20USRD
2020 Nove Member H	7	ABIGAIL	ANNE DAV	SPANBERG	Democratic	GE20USRD
2020 Nove Member H	4	ASTON	DONALD	MCEACHIN	Democratic	GE20USRD
2020 Nove Member H	11	GERALD	EDWARD	CONNOLLY	Democratic	GE20USRD
2020 Nove Member H	6	NICHOLAS	ANTHONY	BETTS	Democratic	GE20USRD
2020 Nove Member H	1	qasim		rashid	Democratic	GE20USRD
2020 Nove Member H	2	ELAINE	GOODMAN	LURIA	Democratic	GE20USRD
2020 Nove Member H	3	ROBERT	CORTEZ	SCOTT	Democratic	GE20USRD
2020 Nove Member H	5	BRYANT	CAMERON	WEBB	Democratic	GE20USRD
2020 Nove Member H	2	David	Bruce	Foster	Independe	GE20USRI
2020 Nove Member H	3	JOHN	WILLIAM	COLLICK	Republican	GE20USRR
2020 Nove Member H	8	JEFFREY	ALAN	JORDAN	Republican	GE20USRR
2020 Nove Member H	1	ROBERT	JOSEPH	WITTMAN	Republican	GE20USRR
2020 Nove Member H	10	ALISCIA	NICOLE	ANDREWS	Republican	GE20USRR
2020 Nove Member H	4	LEON		BENJAMIN	Republican	GE20USRR
2020 Nove Member H	7	NICHOLAS	J	FREITAS	Republican	GE20USRR
2020 Nove Member H	9	HOWARD	MORGAN	GRIFFITH	Republican	GE20USRR
2020 Nove Member H	5	ROBERT	GEORGE	GOOD	Republican	GE20USRR
2020 Nove Member H	11	MANGA	ALAMELU	ANANTATM	Republican	GE20USRR
2020 Nove Member H	2	SCOTT	WILLIAM	TAYLOR	Republican	GE20USRR
2020 Nove Member H	6	BENJAMIN	LEE	CLINE	Republican	GE20USRR
2020 Nove Member H	10			WRITE IN VOTES	GE20USRW	
2020 Nove Member H	11			WRITE IN VOTES	GE20USRW	
2020 Nove Member H	1			WRITE IN VOTES	GE20USRW	

2020 Nove Member House	8			WRITE IN VOTES	GE20USRW
2020 Nove Member House	6			WRITE IN VOTES	GE20USRW
2020 Nove Member House	7			WRITE IN VOTES	GE20USRW
2020 Nove Member House	9			WRITE IN VOTES	GE20USRW
2020 Nove Member House	5			WRITE IN VOTES	GE20USRW
2020 Nove Member House	2			WRITE IN VOTES	GE20USRW
2020 Nove Member House	4			WRITE IN VOTES	GE20USRW
2020 Nove Member House	3			WRITE IN VOTES	GE20USRW
2020 Nove Member United States	MARK	ROBERT	WARNER	Democratic	GE20USSD
2020 Nove Member United States	DANIEL	MAC ARTH	GADE	Republican	GE20USSR
2020 Nove Member United States Senate				WRITE IN VOTES	GE20USSW
2021 Nove Attorney General	MARK	RANKIN	HERRING	Democratic	GE21ATGD
2021 Nove Attorney General	JASON	STUART RE	MIYARES	Republican	GE21ATGR
2021 Nove Attorney General				WRITE IN VOTES	GE21ATGW
2021 Nove Governor	TERENCE	RICHARD	MCAULIFFE	Democratic	GE21GOVD
2021 Nove Governor	PRINCESS	LATECE TEI	BLANDING	Liberation	GE21GOVO
2021 Nove Governor	GLENN	ALLEN	YOUNGKIN	Republican	GE21GOVR
2021 Nove Governor				WRITE IN VOTES	GE21GOVW
2021 Nove Lieutenant Governor	HALA	SOPHIA	AYALA	Democratic	GE21LTGD
2021 Nove Lieutenant Governor	WINSOME	EARLE	SEARS	Republican	GE21LTGR
2021 Nove Lieutenant Governor				WRITE IN VOTES	GE21LTGW
2021 Nove Member House	36	KENNETH	RAY	PLUM	Democratic
2021 Nove Member House	38	LAURA	HEDEEN	KORY	Democratic
2021 Nove Member House	53	MARCUS	B	SIMON	Democratic
2021 Nove Member House	43	MARK	DAVID	SICKLES	Democratic
2021 Nove Member House	44	PAUL	EUGENE	KRIZEK	Democratic
2021 Nove Member House	35	SYDNEY	MARK LEE	KEAM	Democratic
2021 Nove Member House	39	VIVIAN	EDNA	WATTS	Democratic
2021 Nove Member House	31	ELIZABETH	ROSALINA	GUZMAN	Democratic
2021 Nove Member House	88	LAKECIA	SHAWNETH	EVANS	Democratic
2021 Nove Member House	7	DEREK	W	KITTS	Democratic
2021 Nove Member House	9	Bridgette	N	Craighead	Democratic
2021 Nove Member House	29	DELMARA	FAYE	BAYLISS	Democratic
2021 Nove Member House	12	CHRISTOPH	LAIRD	HURST	Democratic
2021 Nove Member House	56	BLAKELY	KATHRYN	LOCKHART	Democratic
2021 Nove Member House	42	KATHY	KHANH LIN	TRAN	Democratic
2021 Nove Member House	34	KATHLEEN	JOHNSON	MURPHY	Democratic
2021 Nove Member House	71	JEFFREY	MICHAEL	BOURNE	Democratic
2021 Nove Member House	97	RAYMOND	STANTON	SCOTT	Democratic
2021 Nove Member House	68	DAWN	MARIE	ADAMS	Democratic
2021 Nove Member House	27	DEBRA	DARLENE	GARDNER	Democratic
2021 Nove Member House	62	JASMINE	ELICIA	GORE	Democratic
2021 Nove Member House	66	KATIE	ANN	SPONSLER	Democratic
2021 Nove Member House	63	LASHRECSE	D	AIRD	Democratic
2021 Nove Member House	33	PAUL	WILLIAM	SIKER	Democratic
2021 Nove Member House	10	Wendy	W.	Gooditis	Democratic
2021 Nove Member House	8	DUSTIN	MICHAEL	WIMBISH	Democratic

2021 Nove Member H	30	ANNETTE	HEATHCOCK	HYDE	Democratic	GE21SLLD
2021 Nove Member H	18	DOUGLAS	JAMES	WARD	Democratic	GE21SLLD
2021 Nove Member H	85	ALEX	QUENTIN	ASKEW	Democratic	GE21SLLD
2021 Nove Member H	98	ELIZABETH	BELT	WEBSTER	Democratic	GE21SLLD
2021 Nove Member H	40	DANIEL	ISAAC	HELMER	Democratic	GE21SLLD
2021 Nove Member H	37	DAVID	LAWRENCE	BULOVA	Democratic	GE21SLLD
2021 Nove Member H	41	EILEEN		FILLER-COF	Democratic	GE21SLLD
2021 Nove Member H	67	Karrie	K.	Delaney	Democratic	GE21SLLD
2021 Nove Member H	86	IRENE		SHIN	Democratic	GE21SLLD
2021 Nove Member H	73	Rodney	T.	Willett	Democratic	GE21SLLD
2021 Nove Member H	72	SCHUYLER	THOMAS	VanValken	Democratic	GE21SLLD
2021 Nove Member H	81	JEFFREY	ADAM	FELD	Democratic	GE21SLLD
2021 Nove Member H	21	KELLY	KRISTEN	CONVIRS-F	Democratic	GE21SLLD
2021 Nove Member H	78	MELANIE	LYNN	CORNELISS	Democratic	GE21SLLD
2021 Nove Member H	79	NADARIUS	EMMANUE	CLARK	Democratic	GE21SLLD
2021 Nove Member H	92	JEION	ANTONIA	WARD	Democratic	GE21SLLD
2021 Nove Member H	95	MARCIA	SIMONE	PRICE	Democratic	GE21SLLD
2021 Nove Member H	76	CLINTON	LEROY	JENKINS	Democratic	GE21SLLD
2021 Nove Member H	94	SHELLY	ANNE	SIMONDS	Democratic	GE21SLLD
2021 Nove Member H	89	JERRAULD	CHARLES C	JONES	Democratic	GE21SLLD
2021 Nove Member H	83	NANCY	DAHLMAN	GUY	Democratic	GE21SLLD
2021 Nove Member H	80	DON	LEONARD	SCOTT	Democratic	GE21SLLD
2021 Nove Member H	65	CAITLIN	ALEXIS	COAKLEY	Democratic	GE21SLLD
2021 Nove Member H	69	BETSY	BROOKS	CARR	Democratic	GE21SLLD
2021 Nove Member H	11	SALAM		RASOUL	Democratic	GE21SLLD
2021 Nove Member H	90	ANGELIA	WILLIAMS	GRAVES	Democratic	GE21SLLD
2021 Nove Member H	77	CLIFTON	EUGENE	HAYES	Democratic	GE21SLLD
2021 Nove Member H	46	CHARNIE	LE RHOND	HERRING	Democratic	GE21SLLD
2021 Nove Member H	91	Martha	M.	Mugler	Democratic	GE21SLLD
2021 Nove Member H	16	CHANCE	BRIAN	TREVILLIAN	Democratic	GE21SLLD
2021 Nove Member H	14	SARAH	MARGARET	DEITZ	Democratic	GE21SLLD
2021 Nove Member H	64	MICHAEL	HOWARD	DREWRY	Democratic	GE21SLLD
2021 Nove Member H	96	MARK	COLLINS	DOWNEY	Democratic	GE21SLLD
2021 Nove Member H	93	MICHAEL	PAUL	MULLIN	Democratic	GE21SLLD
2021 Nove Member H	32	DAVID	ALAN	REID	Democratic	GE21SLLD
2021 Nove Member H	87	SUHAS		SUBRAMAN	Democratic	GE21SLLD
2021 Nove Member H	15	EMILY	GARNETT	SCOTT	Democratic	GE21SLLD
2021 Nove Member H	51	BRIANA	DANYEL JA	SEWELL	Democratic	GE21SLLD
2021 Nove Member H	2	CANDI	PATRICE M	KING	Democratic	GE21SLLD
2021 Nove Member H	13	DANICA	ANTHONY	ROEM	Democratic	GE21SLLD
2021 Nove Member H	52	LUKE	EDWARD	TORIAN	Democratic	GE21SLLD
2021 Nove Member H	50	MICHELLE	E	LOPES-MAI	Democratic	GE21SLLD
2021 Nove Member H	26	WILLIAM	WESLEY	HELSLEY	Democratic	GE21SLLD
2021 Nove Member H	28	JOSHUA	GREGORY	COLE	Democratic	GE21SLLD
2021 Nove Member H	74	LAMONT		BAGBY	Democratic	GE21SLLD
2021 Nove Member H	70	DELORES	LOUISE	MCQUINN	Democratic	GE21SLLD
2021 Nove Member H	82	SCOTT	JOSEPH	FLAX	Democratic	GE21SLLD

2021 Nove Member H	54 ERIC	MATTHEW BUTTERW	Democrat	GE21SLLD
2021 Nove Member H	75 Roslyn	C. Tyler	Democrat	GE21SLLD
2021 Nove Member H	19 WENDY	SUZANNE ROWDEN	Democrat	GE21SLLD
2021 Nove Member H	24 SAMUEL	RHODES SOGHOR	Democrat	GE21SLLD
2021 Nove Member H	58 SARA	HUTCHINS(RATCLIFFE	Democrat	GE21SLLD
2021 Nove Member H	57 sally	lindquist hudson	Democrat	GE21SLLD
2021 Nove Member H	49 ALFONSO	HOFFMAN LOPEZ	Democrat	GE21SLLD
2021 Nove Member H	61 TRUDY	BELL BERRY	Democrat	GE21SLLD
2021 Nove Member H	25 JENNIFER	LEIGH KITCHEN	Democrat	GE21SLLD
2021 Nove Member H	99 LINWOOD	THOMAS BLIZZARD	Democrat	GE21SLLD
2021 Nove Member H	22 GREGORY	KENT EATON	Democrat	GE21SLLD
2021 Nove Member H	45 Elizabeth	Barclay Bennett-Pa	Democrat	GE21SLLD
2021 Nove Member H	59 BENJAMIN	ABRAM MOSES	Democrat	GE21SLLD
2021 Nove Member H	23 NATALIE	ALLENE SHORT	Democrat	GE21SLLD
2021 Nove Member H	20 RANDALL	KNISLEY WOLF	Democrat	GE21SLLD
2021 Nove Member H	55 RACHEL	ANNE LEVY	Democrat	GE21SLLD
2021 Nove Member H	48 RICHARD	C SULLIVAN	Democrat	GE21SLLD
2021 Nove Member H	84 Kimberly	A. Melnyk	Democrat	GE21SLLD
2021 Nove Member H	47 PATRICK	A HOPE	Democrat	GE21SLLD
2021 Nove Member H	100 Finale	MENYAN Norton	Democrat	GE21SLLD
2021 Nove Member H	76 CRAIG	LEE WARREN	Independe	GE21SLLI
2021 Nove Member H	32 NICHOLAS	MATTHEW ALLEGRO	Independe	GE21SLLI
2021 Nove Member H	70 DAVID	BROWN VAUGHT	Independe	GE21SLLI
2021 Nove Member H	59 LOUIS	VINCENT SCICLI	Independe	GE21SLLI
2021 Nove Member H	49 TERRENCE	WAYNE MODGLIN	Independe	GE21SLLI
2021 Nove Member H	61 JOSEPH	JOHN PASCHAL	Libertarian	GE21SLLL
2021 Nove Member H	88 TIMOTHY	MICHAEL LEWIS	Libertarian	GE21SLLL
2021 Nove Member H	19 DEAN	DOUGLAS DAVISON	Libertarian	GE21SLLL
2021 Nove Member H	91 CHARLES	THOMAS WEST	Libertarian	GE21SLLL
2021 Nove Member H	22 SARAH	RACHEL JEROSE	Libertarian	GE21SLLL
2021 Nove Member H	47 LAURA	ANN HALL	Republican	GE21SLLR
2021 Nove Member H	97 SCOTT	ANDREW WYATT	Republican	GE21SLLR
2021 Nove Member H	7 MARIE	ELIZABETH MARCH	Republican	GE21SLLR
2021 Nove Member H	32 Harold	Scott Pio	Republican	GE21SLLR
2021 Nove Member H	87 GREGORY	JON MOULTHR	Republican	GE21SLLR
2021 Nove Member H	24 RONNIE	RAY CAMPBELL	Republican	GE21SLLR
2021 Nove Member H	1 TERRY	GENE KILGORE	Republican	GE21SLLR
2021 Nove Member H	72 CHRISTOPH	THOMAS HOLMES	Republican	GE21SLLR
2021 Nove Member H	9 WREN	MONTGOM WILLIAMS	Republican	GE21SLLR
2021 Nove Member H	93 JORDAN	MACKENZIE GRAY	Republican	GE21SLLR
2021 Nove Member H	96 AMANDA	ETTER BATTEN	Republican	GE21SLLR
2021 Nove Member H	74 JAMES	LEE BROOKS	Republican	GE21SLLR
2021 Nove Member H	45 JUSTIN	DAVID MADDOX	Republican	GE21SLLR
2021 Nove Member H	56 JOHN	JOSEPH MCGUIRE	Republican	GE21SLLR
2021 Nove Member H	64 EMILY	MARIE BREWER	Republican	GE21SLLR
2021 Nove Member H	16 LESLIE	RAY ADAMS	Republican	GE21SLLR
2021 Nove Member H	14 DANIEL	WEBSTER MARSHALL	Republican	GE21SLLR

2021 Nove Member H	29	WILLIAM	DAWSON	WILEY	Republican GE21SLLR
2021 Nove Member H	48	EDWARD	WILLIAM	MONROE	Republican GE21SLLR
2021 Nove Member H	12	JASON	SHERMAN	BALLARD	Republican GE21SLLR
2021 Nove Member H	23	WENDELL	SCOTT	WALKER	Republican GE21SLLR
2021 Nove Member H	5	Israel	D.	O'Quinn	Republican GE21SLLR
2021 Nove Member H	73	MARY	MARGARET	KASTELBER	Republican GE21SLLR
2021 Nove Member H	13	CHRISTOPH	MICHAEL	STONE	Republican GE21SLLR
2021 Nove Member H	25	CHRISTOPH	SCOTT	RUNION	Republican GE21SLLR
2021 Nove Member H	59	CHARLES	MATTHEW	FARISS	Republican GE21SLLR
2021 Nove Member H	94	CHARLES	RUSSELL	HARPER	Republican GE21SLLR
2021 Nove Member H	89	Hahns	L.	Copeland	Republican GE21SLLR
2021 Nove Member H	90	SYLVIA	MARIE	BRYANT	Republican GE21SLLR
2021 Nove Member H	83	TIMOTHY	VITOW	ANDERSON	Republican GE21SLLR
2021 Nove Member H	95	DAVID	GERARD	WILSON	Republican GE21SLLR
2021 Nove Member H	80	DEANNA	RAPIER	STANTON	Republican GE21SLLR
2021 Nove Member H	71	NANCYE	ABBOTT	HUNTER	Republican GE21SLLR
2021 Nove Member H	69	SHEILA	MARY	FUREY	Republican GE21SLLR
2021 Nove Member H	11	CHARLES	HENRY	NAVE	Republican GE21SLLR
2021 Nove Member H	82	ANNE	FERRELL	TATA	Republican GE21SLLR
2021 Nove Member H	84	GLENN	RAY	DAVIS	Republican GE21SLLR
2021 Nove Member H	85	KAREN	STARLING	GREENHAL	Republican GE21SLLR
2021 Nove Member H	100	ROBERT	SPURGEON	BLOXOM	Republican GE21SLLR
2021 Nove Member H	15	CHRISTOPH	TODD	GILBERT	Republican GE21SLLR
2021 Nove Member H	92	BENJAMIN	JAMES	SIFF	Republican GE21SLLR
2021 Nove Member H	76	MICHAEL	JOSEPH	DILLENDER	Republican GE21SLLR
2021 Nove Member H	61	THOMAS	COLE	WRIGHT	Republican GE21SLLR
2021 Nove Member H	2	GINA	RENEE	CIARCIA	Republican GE21SLLR
2021 Nove Member H	52	MARIA	EUGENIA	MARTIN	Republican GE21SLLR
2021 Nove Member H	50	STEVE	THOMAS	PLEICKHAR	Republican GE21SLLR
2021 Nove Member H	26	Tony	O.	Wilt	Republican GE21SLLR
2021 Nove Member H	19	TERRY	LEE	AUSTIN	Republican GE21SLLR
2021 Nove Member H	21	TANYA	MONIQUE	GOULD	Republican GE21SLLR
2021 Nove Member H	28	TARA	ANNE	DURANT	Republican GE21SLLR
2021 Nove Member H	81	BARRY	DEAN	KNIGHT	Republican GE21SLLR
2021 Nove Member H	77	GEOFFREY	RAY	BURKE	Republican GE21SLLR
2021 Nove Member H	78	JAMES	ASBURY	LEFTWICH	Republican GE21SLLR
2021 Nove Member H	58	ROBERT	BERNARD	BELL	Republican GE21SLLR
2021 Nove Member H	57	PHILIP	ANDREW	HAMILTON	Republican GE21SLLR
2021 Nove Member H	79	LAWRENCE	JOSEPH	MASON	Republican GE21SLLR
2021 Nove Member H	91	AIJALON	CARLTON	CORDOZA	Republican GE21SLLR
2021 Nove Member H	51	TIMOTHY	DAVID	COX	Republican GE21SLLR
2021 Nove Member H	30	NICHOLAS	J	FREITAS	Republican GE21SLLR
2021 Nove Member H	88	PHILLIP	ANDREW	SCOTT	Republican GE21SLLR
2021 Nove Member H	3	JAMES	WILLIAM J	MOREFIELD	Republican GE21SLLR
2021 Nove Member H	63	kimberly	ann	taylor	Republican GE21SLLR
2021 Nove Member H	99	MARGARET	BEVANS	RANSONE	Republican GE21SLLR
2021 Nove Member H	68	MARK	LAWRENCE	EARLEY	Republican GE21SLLR

2021 Nove Member H	17 CHRISTOPH TRACY	HEAD	Republican GE21SLLR
2021 Nove Member H	60 JAMES EASLEY	EDMUNDS	Republican GE21SLLR
2021 Nove Member H	41 JOHN M	WOLFE	Republican GE21SLLR
2021 Nove Member H	40 HAROLD YOUNG	PYON	Republican GE21SLLR
2021 Nove Member H	34 GARY G	PAN	Republican GE21SLLR
2021 Nove Member H	75 HOWARD OTTO	WACHSMA	Republican GE21SLLR
2021 Nove Member H	54 ROBERT DICKSON	ORROCK	Republican GE21SLLR
2021 Nove Member H	42 EDWARD FRANCIS	MCGOVERI	Republican GE21SLLR
2021 Nove Member H	43 BRENTON HOWARD	HAMMONI	Republican GE21SLLR
2021 Nove Member H	65 ROBERT LEE	WARE	Republican GE21SLLR
2021 Nove Member H	27 ROXANN LAINE	ROBINSON	Republican GE21SLLR
2021 Nove Member H	33 DAVID ALFRED	LAROCK	Republican GE21SLLR
2021 Nove Member H	10 NICHOLAS SCHAR	CLEMENTE	Republican GE21SLLR
2021 Nove Member H	55 HYLAND FRANKLIN	FOWLER	Republican GE21SLLR
2021 Nove Member H	8 JOSEPH PATRICK	MCNAMAR	Republican GE21SLLR
2021 Nove Member H	18 MICHAEL JAMES	WEBERT	Republican GE21SLLR
2021 Nove Member H	4 William Creed	Wampler	Republican GE21SLLR
2021 Nove Member H	98 MYRON KEITH	HODGES	Republican GE21SLLR
2021 Nove Member H	66 MICHAEL ALLEN	CHERRY	Republican GE21SLLR
2021 Nove Member H	37 KENNETH WADE	METEIVER	Republican GE21SLLR
2021 Nove Member H	86 JULIE ANNA	PERRY	Republican GE21SLLR
2021 Nove Member H	20 GIANFRANCO	AVOLI	Republican GE21SLLR
2021 Nove Member H	31 BENJAMIN WILLIAM	BALDWIN	Republican GE21SLLR
2021 Nove Member H	53 Sarah	White	Republican GE21SLLR
2021 Nove Member H	22 KATHY JAYNE	BYRON	Republican GE21SLLR
2021 Nove Member H	36 MATTHEW JOHN	LANG	Republican GE21SLLR
2021 Nove Member H	35 KEVIN EDWARD	MCGRATH	Republican GE21SLLR
2021 Nove Member H	39 MAUREEN TERESE	BRODY	Republican GE21SLLR
2021 Nove Member H	6 JEFFREY LYNN	CAMPBELL	Republican GE21SLLR
2021 Nove Member H	67 ROBERT LEWIS	FRIZZELLE	Republican GE21SLLR
2021 Nove Member H	44 RICHARD TERRENCE	HAYDEN	Republican GE21SLLR
2021 Nove Member H	62 Carrie Emerson	Coyner	Republican GE21SLLR
2021 Nove Member H	38 Thomas Lee	Pafford	Republican GE21SLLR
2021 Nove Member H	49 TIMOTHY EDWARD	KILCULLEN	Republican GE21SLLR
2021 Nove Member H	30	WRITE IN VOTES	GE21SLLW
2021 Nove Member H	6	WRITE IN VOTES	GE21SLLW
2021 Nove Member H	66	WRITE IN VOTES	GE21SLLW
2021 Nove Member H	8	WRITE IN VOTES	GE21SLLW
2021 Nove Member H	18	WRITE IN VOTES	GE21SLLW
2021 Nove Member H	99	WRITE IN VOTES	GE21SLLW
2021 Nove Member H	4	WRITE IN VOTES	GE21SLLW
2021 Nove Member H	68	WRITE IN VOTES	GE21SLLW
2021 Nove Member H	54	WRITE IN VOTES	GE21SLLW
2021 Nove Member H	27	WRITE IN VOTES	GE21SLLW
2021 Nove Member H	98	WRITE IN VOTES	GE21SLLW
2021 Nove Member H	81	WRITE IN VOTES	GE21SLLW
2021 Nove Member H	76	WRITE IN VOTES	GE21SLLW

2021 Nove Member H	21	WRITE IN VOTES	GE21SLLW
2021 Nove Member H	78	WRITE IN VOTES	GE21SLLW
2021 Nove Member H	79	WRITE IN VOTES	GE21SLLW
2021 Nove Member H	65	WRITE IN VOTES	GE21SLLW
2021 Nove Member H	55	WRITE IN VOTES	GE21SLLW
2021 Nove Member H	95	WRITE IN VOTES	GE21SLLW
2021 Nove Member H	94	WRITE IN VOTES	GE21SLLW
2021 Nove Member H	84	WRITE IN VOTES	GE21SLLW
2021 Nove Member H	69	WRITE IN VOTES	GE21SLLW
2021 Nove Member H	71	WRITE IN VOTES	GE21SLLW
2021 Nove Member H	58	WRITE IN VOTES	GE21SLLW
2021 Nove Member H	80	WRITE IN VOTES	GE21SLLW
2021 Nove Member H	59	WRITE IN VOTES	GE21SLLW
2021 Nove Member H	25	WRITE IN VOTES	GE21SLLW
2021 Nove Member H	70	WRITE IN VOTES	GE21SLLW
2021 Nove Member H	11	WRITE IN VOTES	GE21SLLW
2021 Nove Member H	92	WRITE IN VOTES	GE21SLLW
2021 Nove Member H	57	WRITE IN VOTES	GE21SLLW
2021 Nove Member H	63	WRITE IN VOTES	GE21SLLW
2021 Nove Member H	89	WRITE IN VOTES	GE21SLLW
2021 Nove Member H	90	WRITE IN VOTES	GE21SLLW
2021 Nove Member H	100	WRITE IN VOTES	GE21SLLW
2021 Nove Member H	82	WRITE IN VOTES	GE21SLLW
2021 Nove Member H	85	WRITE IN VOTES	GE21SLLW
2021 Nove Member H	10	WRITE IN VOTES	GE21SLLW
2021 Nove Member H	33	WRITE IN VOTES	GE21SLLW
2021 Nove Member H	83	WRITE IN VOTES	GE21SLLW
2021 Nove Member H	77	WRITE IN VOTES	GE21SLLW
2021 Nove Member H	26	WRITE IN VOTES	GE21SLLW
2021 Nove Member H	46	WRITE IN VOTES	GE21SLLW
2021 Nove Member H	75	WRITE IN VOTES	GE21SLLW
2021 Nove Member H	96	WRITE IN VOTES	GE21SLLW
2021 Nove Member H	93	WRITE IN VOTES	GE21SLLW
2021 Nove Member H	47	WRITE IN VOTES	GE21SLLW
2021 Nove Member H	17	WRITE IN VOTES	GE21SLLW
2021 Nove Member H	64	WRITE IN VOTES	GE21SLLW
2021 Nove Member H	48	WRITE IN VOTES	GE21SLLW
2021 Nove Member H	3	WRITE IN VOTES	GE21SLLW
2021 Nove Member H	49	WRITE IN VOTES	GE21SLLW
2021 Nove Member H	16	WRITE IN VOTES	GE21SLLW
2021 Nove Member H	14	WRITE IN VOTES	GE21SLLW
2021 Nove Member H	45	WRITE IN VOTES	GE21SLLW
2021 Nove Member H	72	WRITE IN VOTES	GE21SLLW
2021 Nove Member H	74	WRITE IN VOTES	GE21SLLW
2021 Nove Member H	73	WRITE IN VOTES	GE21SLLW
2021 Nove Member H	22	WRITE IN VOTES	GE21SLLW
2021 Nove Member H	97	WRITE IN VOTES	GE21SLLW

2021 Nove Member H	5	WRITE IN VOTES	GE21SLLW
2021 Nove Member H	56	WRITE IN VOTES	GE21SLLW
2021 Nove Member H	31	WRITE IN VOTES	GE21SLLW
2021 Nove Member H	12	WRITE IN VOTES	GE21SLLW
2021 Nove Member H	88	WRITE IN VOTES	GE21SLLW
2021 Nove Member H	29	WRITE IN VOTES	GE21SLLW
2021 Nove Member H	20	WRITE IN VOTES	GE21SLLW
2021 Nove Member H	9	WRITE IN VOTES	GE21SLLW
2021 Nove Member H	1	WRITE IN VOTES	GE21SLLW
2021 Nove Member H	87	WRITE IN VOTES	GE21SLLW
2021 Nove Member H	32	WRITE IN VOTES	GE21SLLW
2021 Nove Member H	60	WRITE IN VOTES	GE21SLLW
2021 Nove Member H	38	WRITE IN VOTES	GE21SLLW
2021 Nove Member H	91	WRITE IN VOTES	GE21SLLW
2021 Nove Member H	67	WRITE IN VOTES	GE21SLLW
2021 Nove Member H	39	WRITE IN VOTES	GE21SLLW
2021 Nove Member H	28	WRITE IN VOTES	GE21SLLW
2021 Nove Member H	37	WRITE IN VOTES	GE21SLLW
2021 Nove Member H	36	WRITE IN VOTES	GE21SLLW
2021 Nove Member H	7	WRITE IN VOTES	GE21SLLW
2021 Nove Member H	86	WRITE IN VOTES	GE21SLLW
2021 Nove Member H	40	WRITE IN VOTES	GE21SLLW
2021 Nove Member H	61	WRITE IN VOTES	GE21SLLW
2021 Nove Member H	44	WRITE IN VOTES	GE21SLLW
2021 Nove Member H	19	WRITE IN VOTES	GE21SLLW
2021 Nove Member H	53	WRITE IN VOTES	GE21SLLW
2021 Nove Member H	34	WRITE IN VOTES	GE21SLLW
2021 Nove Member H	42	WRITE IN VOTES	GE21SLLW
2021 Nove Member H	41	WRITE IN VOTES	GE21SLLW
2021 Nove Member H	23	WRITE IN VOTES	GE21SLLW
2021 Nove Member H	13	WRITE IN VOTES	GE21SLLW
2021 Nove Member H	52	WRITE IN VOTES	GE21SLLW
2021 Nove Member H	50	WRITE IN VOTES	GE21SLLW
2021 Nove Member H	51	WRITE IN VOTES	GE21SLLW
2021 Nove Member H	2	WRITE IN VOTES	GE21SLLW
2021 Nove Member H	24	WRITE IN VOTES	GE21SLLW
2021 Nove Member H	43	WRITE IN VOTES	GE21SLLW
2021 Nove Member H	15	WRITE IN VOTES	GE21SLLW
2021 Nove Member H	35	WRITE IN VOTES	GE21SLLW
2021 Nove Member H	62	WRITE IN VOTES	GE21SLLW

LocalityCoc	LocalityNar	PrecinctNa	GE16PRSD	GE16PRSG	GE16PRSI	GE16PRSL	GE16PRSR	GE16PRSW	GE16SLLD
1	ACCOMACI	101 - CHIN	502.6978	7.965517	11.66667	29.84348	1284.531	5.3	0
1	ACCOMACI	201 - ATLA	198.1354	1.137931	8.166667	14.92174	597.9339	1.06	0
1	ACCOMACI	202 - GREE	341.9251	7.965517	4.666667	19.51304	753.6345	3.18	0
1	ACCOMACI	301 - NEW	807.2602	3.413793	4.666667	24.10435	640.1028	5.3	0
1	ACCOMACI	401 - BLOX	159.6405	1.137931	3.5	10.33043	369.7891	0	0
1	ACCOMACI	402 - PARK	246.8201	5.689655	8.166667	18.36522	528.7336	1.06	0
1	ACCOMACI	403 - SAXIS	47.55249	1.137931	3.5	1.147826	165.432	0	0
1	ACCOMACI	501 - MAPI	449.4843	7.965517	1.166667	11.47826	262.7449	5.3	0
1	ACCOMACI	502 - RUE	435.8979	2.275862	4.666667	10.33043	128.6693	2.12	0
1	ACCOMACI	601 - ACCC	550.2503	9.103448	15.16667	18.36522	688.7593	4.24	0
1	ACCOMACI	602 - TANG	30.56946	1.137931	1.166667	1.147826	238.9573	2.12	0
1	ACCOMACI	701 - NANI	911.4228	7.965517	22.16667	40.17391	1055.305	14.84	0
1	ACCOMACI	801 - BOBT	228.7049	4.551724	3.5	13.77391	398.983	4.24	0
1	ACCOMACI	802 - MELF	493.6402	0	5.833333	16.06957	423.8519	3.18	0
1	ACCOMACI	803 - WACI	156.2439	0	2.333333	6.886957	377.3579	1.06	0
1	ACCOMACI	901 - PAIN	1179.755	4.551724	11.66667	27.54783	668.2154	0	0
3	ALBEMARL	101 - WOO	1390.25	15.40342	25.99466	92.7014	752.5641	23.91928	0
3	ALBEMARL	103 - BRAN	636.809	11.00244	5.651014	26.00161	230.1961	5.695067	0
3	ALBEMARL	104 - AGNC	1289.946	25.30562	37.29669	53.13373	449.325	13.66816	0
3	ALBEMARL	105 - DUNL	1589.69	18.70416	68.94237	68.96079	655.1734	21.64126	0
3	ALBEMARL	106 - NORI	1354.094	9.9022	67.81217	114.181	997.1474	18.22422	0
3	ALBEMARL	201 - JACK	1046.186	14.30318	36.16649	42.95918	587.664	19.36323	0
3	ALBEMARL	202 - UNIV	2158.853	24.20538	54.24973	168.4452	450.4317	21.64126	0
3	ALBEMARL	203 - GEOR	1560.532	23.10513	45.20811	74.61332	440.4713	26.19731	0
3	ALBEMARL	204 - BELFI	502.6826	2.200489	18.08324	41.82868	320.9464	9.112108	0
3	ALBEMARL	301 - IVY	1973.408	20.90465	49.72892	88.17938	905.2903	13.66816	0
3	ALBEMARL	302 - RED F	1286.448	19.8044	19.21345	63.30827	816.7534	21.64126	0
3	ALBEMARL	304 - EAST	463.0278	3.300733	20.34365	28.26262	271.1444	4.556054	0
3	ALBEMARL	305 - COUN	1116.165	19.8044	41.8175	64.43878	614.2251	21.64126	0
3	ALBEMARL	306 - PORT	685.7943	23.10513	6.781217	36.17615	429.4042	6.834081	0
3	ALBEMARL	307 - YELL	304.4087	5.501222	14.69264	19.21858	223.5558	9.112108	0
3	ALBEMARL	401 - SCOT	519.011	13.20293	13.56243	46.3507	652.96	6.834081	0
3	ALBEMARL	402 - MON	519.011	12.10269	9.041622	28.26262	605.3714	11.39013	0
3	ALBEMARL	405 - CALE	2563.565	36.30807	87.02561	160.5317	890.9031	37.58744	0
3	ALBEMARL	406 - STON	1060.182	15.40342	45.20811	82.52685	1103.392	21.64126	0
3	ALBEMARL	501 - KESW	627.4785	7.701711	10.17182	23.7406	439.3646	13.66816	0
3	ALBEMARL	502 - STON	622.8132	6.601467	21.47385	42.95918	586.5573	11.39013	0
3	ALBEMARL	503 - HOLL	1132.494	14.30318	55.37994	78.00483	723.7896	23.91928	0
3	ALBEMARL	504 - FREE	1897.598	22.00489	55.37994	128.8776	910.8239	30.75336	0
3	ALBEMARL	506 - BAKE	1302.776	23.10513	70.07257	100.6149	1038.096	19.36323	0
3	ALBEMARL	601 - CROZ	1838.115	24.20538	40.6873	137.9216	1196.356	28.47534	0
3	ALBEMARL	602 - FREE	564.4974	6.601467	12.43223	28.26262	491.3801	10.25112	0
3	ALBEMARL	603 - EARL	1237.462	16.50367	48.59872	92.7014	1156.514	26.19731	0
3	ALBEMARL	604 - BROV	2101.703	15.40342	77.98399	171.8367	1319.201	29.61435	0
5	ALLEGHAN	101 - ARRI	152.3486	2.258065	7.208955	12.77922	559.0828	1	0
5	ALLEGHAN	103 - DAMI	56.30275	1.129032	4.119403	2.12987	210.3267	0	0

5 ALLEGHAN' 201 - HUM	113.7095	0	8.238806	3.194805	311.1977	4	0
5 ALLEGHAN' 202 - DOLL	142.4128	0	3.089552	19.16883	386.3144	2	0
5 ALLEGHAN' 301 - CALL	81.69419	1.129032	0	7.454545	348.7561	0	0
5 ALLEGHAN' 302 - GRIFF	194.2997	1.129032	2.059701	21.2987	482.893	1	0
5 ALLEGHAN' 401 - LOW	151.2446	2.258065	6.179104	11.71429	359.487	1	0
5 ALLEGHAN' 402 - JACK	155.6606	3.387097	12.35821	14.90909	494.697	1	0
5 ALLEGHAN' 501 - IRON	114.8135	1.129032	3.089552	9.584416	166.3298	1	0
5 ALLEGHAN' 502 - PETE	207.5474	6.774194	7.208955	17.03896	591.2756	0	0
5 ALLEGHAN' 601 - DIST	438.2783	6.774194	6.179104	28.75325	565.5214	1	0
5 ALLEGHAN' 701 - DIST	357.6881	9.032258	9.268657	15.97403	398.1185	5	0
7 AMELIA CC 101 - NUM	387.3308	3	9.647059	30.28696	830.8896	2.3	0
7 AMELIA CC 201 - NUM	463.8692	2	12.05882	23.55652	936.435	8.05	0
7 AMELIA CC 301 - NUM	350.2213	1	1.205882	24.67826	1001.559	4.6	0
7 AMELIA CC 401 - NUM	350.2213	1	10.85294	25.8	942.0491	6.9	0
7 AMELIA CC 501 - NUM	576.3575	4	7.235294	24.67826	997.0675	1.15	0
9 AMHERST (101 - WRIG	611.7878	1.12069	6.489796	13.87542	466.3833	2.289855	0
9 AMHERST (102 - NEW	474.7206	5.603448	19.46939	23.48148	856.6443	6.869565	0
9 AMHERST (103 - COOL	134.8385	2.241379	10.81633	14.94276	527.4956	2.289855	0
9 AMHERST (201 - COUF	803.459	15.68966	29.20408	59.77104	1192.226	11.44928	0
9 AMHERST (202 - TEMF	222.8735	4.482759	7.571429	13.87542	610.0509	6.869565	0
9 AMHERST (301 - MON	241.8178	2.241379	10.81633	22.41414	636.8545	3.434783	0
9 AMHERST (302 - ELON	528.2102	8.965517	12.97959	38.42424	1554.611	13.73913	0
9 AMHERST (303 - PLEA	122.5804	2.241379	2.163265	11.74074	345.2309	3.434783	0
9 AMHERST (401 - AMEL	792.3153	15.68966	28.12245	56.56902	1594.281	13.73913	0
9 AMHERST (402 - LONC	216.1873	0	9.734694	8.538721	413.8482	4.57971	0
9 AMHERST (501 - MAD	908.2096	6.724138	21.63265	53.367	1521.375	10.30435	0
11 APPOMATZ 101 - VERA	111.5546	3.444444	3.409091	11.14754	480.3418	2.153846	0
11 APPOMATZ 102 - PAMI	302.4846	5.740741	7.954545	14.4918	751.4681	4.307692	0
11 APPOMATZ 201 - CHAP	157.6782	5.740741	3.409091	5.57377	224.1595	1.076923	0
11 APPOMATZ 202 - SPOU	223.1092	1.148148	2.272727	20.06557	1028.999	6.461538	0
11 APPOMATZ 301 - US 4	175.913	3.444444	6.818182	8.918033	581.7473	7.538462	0
11 APPOMATZ 302 - STON	229.5451	1.148148	9.090909	15.60656	667.1414	8.615385	0
11 APPOMATZ 401 - COUF	352.8987	8.037037	10.22727	39.01639	975.6276	15.07692	0
11 APPOMATZ 501 - OAKV	320.7195	0	3.409091	16.72131	734.3892	7.538462	0
11 APPOMATZ 502 - AGEE	149.097	2.296296	3.409091	4.459016	271.1263	3.230769	0
13 ARLINGTON 001 - ARLIN	1964.878	20.83307	24.91835	32.62018	315.668	22.31687	0
13 ARLINGTON 002 - ASHT	1904.281	15.6248	49.8367	62.63075	354.3212	34.13169	0
13 ARLINGTON 003 - AURC	1105.907	9.114467	52.32853	61.32595	320.8217	32.81893	0
13 ARLINGTON 004 - BALL	1787.63	18.22893	51.08261	127.8711	414.8779	44.63374	0
13 ARLINGTON 005 - BARC	1631.591	9.114467	29.90202	71.76441	360.7634	30.19342	0
13 ARLINGTON 006 - CRYST	1422.53	10.41653	38.62344	45.66826	429.0507	28.88066	0
13 ARLINGTON 007 - CHER	1772.481	9.114467	63.54179	71.76441	383.9553	40.69547	0
13 ARLINGTON 008 - HUM	2290.591	13.02067	48.59078	108.299	530.8376	49.88477	0
13 ARLINGTON 009 - COLU	2196.664	26.04134	51.08261	80.89806	443.2236	30.19342	0
13 ARLINGTON 010 - WILSON	2407.241	31.2496	62.29587	105.6894	484.4537	51.19753	0
13 ARLINGTON 011 - EAST	1190.744	6.510334	27.41018	41.75384	334.9946	42.00823	0
13 ARLINGTON 012 - FAIRL	1793.69	10.41653	79.73871	82.20286	429.0507	61.69959	0

13 ARLINGTOI013 - GLEN	1372.537	11.7186	17.44284	37.83941	329.8408	13.12757	0
13 ARLINGTOI014 - CLAR	1490.702	10.41653	33.63977	104.3846	288.6107	28.88066	0
13 ARLINGTOI015 - LYON	2058.805	13.02067	79.73871	88.7269	439.3583	53.82305	0
13 ARLINGTOI016 - LYON	1872.467	11.7186	59.80403	92.64132	400.705	40.69547	0
13 ARLINGTOI017 - OVER	1895.191	19.531	62.29587	79.59325	434.2045	30.19342	0
13 ARLINGTOI018 - PARK	2576.915	19.531	83.47646	159.1865	516.6647	57.76132	0
13 ARLINGTOI019 - ROSS	2220.903	23.4372	43.60711	82.20286	411.0126	53.82305	0
13 ARLINGTOI020 - THRIF	1352.842	19.531	46.09894	66.54518	444.512	49.88477	0
13 ARLINGTOI021 - VIRGI	2602.669	33.85374	127.0836	123.9567	626.1822	57.76132	0
13 ARLINGTOI022 - ABIN	2016.386	13.02067	83.47646	84.81248	353.0327	56.44856	0
13 ARLINGTOI023 - WEST	1877.012	15.6248	44.85303	61.32595	399.4166	45.9465	0
13 ARLINGTOI024 - WOO	2260.292	13.02067	72.26321	103.0798	456.108	32.81893	0
13 ARLINGTOI025 - ARLIN	1507.366	11.7186	26.16427	52.19229	377.5131	21.00412	0
13 ARLINGTOI026 - FILLM	2682.96	31.2496	53.57445	116.1279	479.2999	42.00823	0
13 ARLINGTOI027 - JEFFE	1740.667	16.92687	57.3122	71.76441	454.8196	43.32099	0
13 ARLINGTOI028 - WAKI	2466.324	26.04134	38.62344	82.20286	416.1663	34.13169	0
13 ARLINGTOI029 - DOM	1719.458	11.7186	66.03362	62.63075	362.0518	27.5679	0
13 ARLINGTOI030 - GLEB	2080.014	15.6248	51.08261	65.24037	277.0147	24.94239	0
13 ARLINGTOI031 - LEXIN	1802.78	16.92687	41.11527	54.80191	412.301	47.25926	0
13 ARLINGTOI032 - OAKR	792.3141	6.510334	39.86936	33.92499	260.265	27.5679	0
13 ARLINGTOI033 - ROCK	1537.665	10.41653	44.85303	60.02114	493.4728	52.51029	0
13 ARLINGTOI034 - YORK	1533.12	15.6248	53.57445	60.02114	404.5704	43.32099	0
13 ARLINGTOI035 - MADI	1343.753	18.22893	34.88569	52.19229	628.759	45.9465	0
13 ARLINGTOI036 - MAR	1860.348	14.32273	33.63977	78.28844	530.8376	65.63786	0
13 ARLINGTOI037 - NOTT	1519.486	16.92687	41.11527	57.41152	466.4155	42.00823	0
13 ARLINGTOI038 - ARLIN	1852.773	26.04134	43.60711	53.4971	262.8419	14.44033	0
13 ARLINGTOI039 - ASHL	1043.794	13.02067	22.42651	26.09615	289.8992	28.88066	0
13 ARLINGTOI040 - VIRGI	2213.329	14.32273	93.4438	139.6144	514.0878	53.82305	0
13 ARLINGTOI041 - NAVY	1766.421	16.92687	51.08261	106.9942	333.7061	38.06996	0
13 ARLINGTOI042 - SHIRL	1672.495	22.13514	48.59078	54.80191	347.879	38.06996	0
13 ARLINGTOI043 - CAMI	1913.37	14.32273	19.93468	20.87692	220.3234	6.563786	0
13 ARLINGTOI044 - DAW	1546.755	15.6248	43.60711	61.32595	228.054	27.5679	0
13 ARLINGTOI045 - BUCK	1845.198	23.4372	39.86936	73.06921	323.3986	11.81481	0
13 ARLINGTOI046 - CENT	2328.464	15.6248	72.26321	130.4807	497.3381	48.57202	0
13 ARLINGTOI047 - FOUR	1669.465	13.02067	46.09894	43.05864	248.669	17.06584	0
13 ARLINGTOI048 - AUSA	1396.776	13.02067	51.08261	69.15479	381.3784	28.88066	0
13 ARLINGTOI049 - MON	1280.125	6.510334	23.67243	78.28844	224.1887	30.19342	0
13 ARLINGTOI050 - CRYST	1631.591	7.812401	53.57445	75.67883	416.1663	31.50617	0
13 ARLINGTOI051 - TAYL	586.2822	2.604134	6.229587	20.87692	122.4019	5.251029	0
13 ARLINGTOI052 - GUN	1617.957	18.22893	63.54179	49.58268	310.5142	26.25514	0
15 AUGUSTA (101 - JOLIV	296.2923	3.157895	15.01709	23.00997	633.6985	5.459459	0
15 AUGUSTA (102 - STUA	345.3031	4.210526	19.30769	38.34995	820.3942	10.91892	0
15 AUGUSTA (103 - VERO	451.1218	11.57895	33.25214	54.78564	1394.35	8.735135	0
15 AUGUSTA (201 - CRIM	388.7444	13.68421	31.10684	61.35992	1613.051	7.643243	0
15 AUGUSTA (202 - NEW	242.826	7.368421	10.7265	43.82851	901.4735	7.643243	0
15 AUGUSTA (203 - WEYE	463.3745	13.68421	30.03419	71.22134	1364.479	13.1027	0
15 AUGUSTA (301 - FORT	693.9478	14.73684	41.83333	101.9013	1990.709	20.74595	0

15	AUGUSTA (302 - NORT	125.8685	3.157895	12.87179	26.29711	571.8222	2.183784	0
15	AUGUSTA (303 - MOU	133.6657	2.105263	7.508547	30.67996	828.9288	2.183784	0
15	AUGUSTA (304 - CHUF	168.196	5.263158	8.581197	20.81854	690.2406	0	0
15	AUGUSTA (401 - BUFF	216.0929	5.263158	8.581197	19.72283	813.9932	3.275676	0
15	AUGUSTA (402 - CHUF	170.4238	9.473684	8.581197	31.77567	771.3199	5.459459	0
15	AUGUSTA (403 - CRAI	125.8685	7.368421	6.435897	12.05284	560.0871	8.735135	0
15	AUGUSTA (404 - DEER	35.64419	4.210526	1.07265	5.478564	285.9111	0	0
15	AUGUSTA (405 - CEDA	368.6946	7.368421	15.01709	48.21137	918.5428	9.827027	0
15	AUGUSTA (501 - GREE	294.0646	3.157895	10.7265	41.63709	1291.934	9.827027	0
15	AUGUSTA (502 - MIDC	184.9042	6.315789	12.87179	25.2014	608.0945	4.367568	0
15	AUGUSTA (503 - SPOT	180.4487	1.052632	3.217949	17.53141	682.7728	2.183784	0
15	AUGUSTA (504 - WHIT	379.8334	7.368421	18.23504	53.68993	1411.419	9.827027	0
15	AUGUSTA (601 - SHER	258.4204	6.315789	18.23504	33.9671	913.2086	9.827027	0
15	AUGUSTA (602 - RIDGI	587.0153	10.52632	36.47009	72.31705	1990.709	12.01081	0
15	AUGUSTA (603 - LYND	473.3994	12.63158	40.76068	60.26421	1242.86	12.01081	0
15	AUGUSTA (801 - DOOI	285.1535	9.473684	20.38034	47.11565	1055.097	2.183784	0
15	AUGUSTA (802 - FISHE	700.6311	11.57895	50.41453	84.36989	1610.917	14.19459	0
15	AUGUSTA (803 - WILSI	607.0651	18.94737	40.76068	73.41276	1196.986	19.65405	0
17	BATH COUI101 - WARI	122.1989	0	2.095238	7.84	262.501	3	0
17	BATH COUI102 - MOU	12.5625	2.5	2.095238	0	64.81507	0	0
17	BATH COUI201 - HOT	145.0398	2.5	4.190476	12.32	194.4452	3	0
17	BATH COUI301 - FAIR	44.53977	2.5	5.238095	11.2	289.5073	0	0
17	BATH COUI302 - BURN	21.69886	0	0	1.12	87.50035	0	0
17	BATH COUI401 - MILL	133.6193	2.5	4.190476	7.84	338.1186	1.5	0
17	BATH COUI501 - HEAL	123.3409	5	4.190476	15.68	311.1124	1.5	0
19	BEDFORD (101 - GOOI	352.5031	3.214286	18.72247	45.612	1476.573	12.45918	0
19	BEDFORD (102 - HARC	185.3484	1.071429	9.911894	15.204	597.7636	6.795918	0
19	BEDFORD (103 - CHAN	299.0591	5.357143	8.810573	48.87	1018.252	5.663265	0
19	BEDFORD (104 - STEW	252.4377	5.357143	7.709251	28.236	933.9381	3.397959	0
19	BEDFORD (201 - BEDF	176.2516	4.285714	9.911894	20.634	490.7499	5.663265	0
19	BEDFORD (202 - STAU	203.5421	2.142857	7.709251	19.548	692.8869	3.397959	0
19	BEDFORD (203 - MON	461.6654	13.92857	14.31718	41.268	1408.474	11.32653	0
19	BEDFORD (204 - Quak	153.5094	1.071429	9.911894	9.774	444.2692	2.265306	0
19	BEDFORD (205 - SAUN	346.8176	7.5	11.01322	30.408	986.9045	6.795918	0
19	BEDFORD (301 - NEW	503.9683	2.184615	52.26844	77.48498	2225.343	7.252747	0
19	BEDFORD (302 - BEDF	293.3736	5.357143	13.21586	24.978	965.2855	4.530612	0
19	BEDFORD (303 - BETH	183.0742	1.071429	7.709251	18.462	620.4635	3.397959	0
19	BEDFORD (304 - FORE	212.3784	1.092308	17.79351	20.51073	625.9115	8.461538	0
19	BEDFORD (305 - HUDI	146.6868	2.142857	9.911894	15.204	528.583	3.397959	0
19	BEDFORD (401 - FORE	475.2685	3.276923	43.37168	53.55579	1391.516	16.92308	0
19	BEDFORD (402 - THON	324.8816	5.461538	35.58702	39.88197	895.5516	4.835165	0
19	BEDFORD (403 - KNIGI	603.8436	12.01538	63.38938	70.64807	1767.28	9.67033	0
19	BEDFORD (404 - FORE	367.3573	9.830769	41.14749	33.04506	1310.299	1.208791	0
19	BEDFORD (502 - BIG IS	114.7992	1.092308	5.560472	13.67382	363.8517	6.043956	0
19	BEDFORD (503 - SEDA	142.351	4.369231	3.336283	21.65021	492.7158	7.252747	0
19	BEDFORD (504 - SUCK	216.9704	2.184615	11.12094	21.65021	713.6257	4.835165	0
19	BEDFORD (505 - BOON	530.3721	5.461538	15.56932	76.34549	1236.663	22.96703	0

19	BEDFORD (506 - BOOM	579.7357	14.2	68.94985	79.76395	1913.47	13.2967	0
19	BEDFORD (601 - MON	272.074	9.830769	18.9056	22.7897	963.7738	7.252747	0
19	BEDFORD (602 - SHAD	274.0428	9.642857	12.11454	32.58	1072.299	5.663265	0
19	BEDFORD (603 - THAX	73.91195	3.214286	5.506608	5.43	281.0462	1.132653	0
19	BEDFORD (604 - BEDF	567.4164	10.71429	23.12775	55.386	1287.408	9.061224	0
19	BEDFORD (701 - GOOI	305.8818	10.71429	34.14097	30.408	1458.197	7.928571	0
19	BEDFORD (702 - LIBER	255.8491	3.214286	11.01322	14.118	709.1011	4.530612	0
19	BEDFORD (703 - THAX	164.8805	5.357143	5.506608	26.064	588.0351	3.397959	0
19	BEDFORD (704 - BEDF	727.7484	9.642857	29.73568	60.816	1198.77	10.19388	0
21	BLAND COI 101 - BAST	53.03415	4.533333	1.105263	8.714286	335.6087	2	0
21	BLAND COI 102 - CERE	57.45366	2.266667	0	8.714286	334.5433	1	0
21	BLAND COI 201 - DAVI	23.20244	2.266667	0	1.089286	106.5424	0	0
21	BLAND COI 202 - SEDD	111.5927	1.133333	4.421053	18.51786	587.0489	8	0
21	BLAND COI 301 - HOLL	51.92927	1.133333	3.315789	6.535714	339.8704	1	0
21	BLAND COI 302 - MEC	26.51707	0	2.210526	4.357143	174.7296	0	0
21	BLAND COI 401 - ROCK	129.2707	5.666667	9.947368	13.07143	694.6567	2	0
23	BOTETOUR 101 - DALE	560.0321	9.989011	19.53416	56.09481	1280.897	14.31646	0
23	BOTETOUR 102 - GREE	446.6514	13.31868	14.93789	61.70429	1541.64	13.21519	0
23	BOTETOUR 201 - BLUE	475.2829	7.769231	19.53416	60.58239	1463.417	7.708861	0
23	BOTETOUR 202 - RAINI	451.2324	6.659341	24.13043	51.60722	1475.368	4.405063	0
23	BOTETOUR 301 - BUCH	413.4388	9.989011	18.38509	44.87585	1262.428	3.303797	0
23	BOTETOUR 302 - MILL	375.6453	11.0989	12.63975	41.51016	1207.02	7.708861	0
23	BOTETOUR 403 - EAGL	234.7783	8.879121	9.192547	30.2912	849.5857	2.202532	0
23	BOTETOUR 406 - FINC	564.6131	13.31868	26.42857	63.94808	1624.208	18.72152	0
23	BOTETOUR 501 - TROU	287.4602	6.659341	12.63975	21.31603	890.87	0	0
23	BOTETOUR 502 - CLOV	684.8654	13.31868	27.57764	65.06998	1779.567	15.41772	0
25	BRUNSWIC 101 - BROO	208.2905	4.166667	2.5	3.540984	179.5776	1.5	0
25	BRUNSWIC 102 - ROCK	265.5979	2.777778	3.75	9.442623	351.1993	0	0
25	BRUNSWIC 103 - TILLM	251.271	4.166667	1.25	14.16393	469.4022	0	0
25	BRUNSWIC 201 - DROM	130.0438	0	0	2.360656	105.7007	0	0
25	BRUNSWIC 202 - EDGE	534.502	2.777778	1.25	7.081967	200.0358	0	0
25	BRUNSWIC 203 - FITZH	385.7231	0	3.75	4.721311	194.353	0	0
25	BRUNSWIC 301 - ALBEI	82.65494	1.388889	1.25	1.180328	84.10597	0	0
25	BRUNSWIC 302 - DANI	363.6818	0	2.5	5.901639	353.4724	3	0
25	BRUNSWIC 303 - ELMC	182.9429	1.388889	1.25	2.360656	163.6657	0	0
25	BRUNSWIC 304 - SEYM	193.9636	1.388889	2.5	3.540984	147.7537	0	0
25	BRUNSWIC 401 - STUR	719.649	0	1.25	7.081967	421.6664	3	0
25	BRUNSWIC 402 - KING	298.6599	0	0	0	105.7007	0	0
25	BRUNSWIC 501 - TOTA	864.0197	6.944444	8.75	10.62295	269.3664	7.5	0
27	BUCHANAN 102 - BLAC	60.50845	0	1.156863	2.218182	376.9233	0	0
27	BUCHANAN 103 - HURL	122.1805	2.285714	4.627451	5.545455	822.1776	3.409091	0
27	BUCHANAN 201 - GRAS	31.41785	0	0	2.218182	80.45438	0	0
27	BUCHANAN 202 - BULL	96.5808	1.142857	3.470588	8.872727	478.3178	3.409091	0
27	BUCHANAN 203 - ROCK	103.5625	0	3.470588	7.763636	546.6489	2.272727	0
27	BUCHANAN 301 - SLATI	155.9256	2.285714	3.470588	5.545455	591.8356	2.272727	0
27	BUCHANAN 302 - NORI	126.835	9.142857	5.784314	9.981818	514.6876	1.136364	0
27	BUCHANAN 403 - SOUT	162.9074	2.285714	16.19608	22.18182	729.6	2.272727	0

27	BUCHANAN	404 - OAKV	15.12711	0	0	2.218182	62.82054	0	0
27	BUCHANAN	501 - PRAT	136.144	1.142857	1.156863	9.981818	454.0713	1.136364	0
27	BUCHANAN	502 - FOX	63.99932	0	1.156863	1.109091	112.4157	0	0
27	BUCHANAN	503 - VANS	111.7079	3.428571	4.627451	11.09091	457.3776	3.409091	0
27	BUCHANAN	601 - COUN	87.27181	0	0	4.436364	305.2858	0	0
27	BUCHANAN	602 - GARC	102.3989	0	3.470588	6.654545	445.2544	1.136364	0
27	BUCHANAN	603 - HURF	102.3989	1.142857	1.156863	2.218182	268.916	2.272727	0
27	BUCHANAN	701 - WHIT	161.7437	1.142857	6.941176	5.545455	569.7934	2.272727	0
27	BUCHANAN	702 - CONT	80.29006	0	2.313725	14.41818	479.4199	0	0
29	BUCKINGH	101 - NEW	471.3572	1.173913	5.471698	14.57143	525.0885	2.068966	0
29	BUCKINGH	102 - GEOI	88.4469	1.173913	2.188679	2.081633	171.0842	2.068966	0
29	BUCKINGH	201 - WHIT	309.5641	0	5.471698	3.122449	316.3443	1.034483	0
29	BUCKINGH	301 - CURD	262.1048	1.173913	9.849057	9.367347	442.2364	10.34483	0
29	BUCKINGH	302 - NEW	133.749	1.173913	3.283019	9.367347	395.9684	1.034483	0
29	BUCKINGH	401 - MAYC	437.92	5.869565	12.03774	19.77551	686.4887	1.034483	0
29	BUCKINGH	501 - WRIG	156.4	2.347826	4.377358	6.244898	342.1683	2.068966	0
29	BUCKINGH	502 - GLEN	323.5862	10.56522	7.660377	9.367347	329.2563	2.068966	0
29	BUCKINGH	601 - SLAT	592.1628	2.347826	1.09434	22.89796	381.9804	7.241379	0
29	BUCKINGH	701 - GOLD	352.709	1.173913	6.566038	5.204082	359.3844	1.034483	0
31	CAMPBELL	101 - BROC	487.6368	13.16129	53.46615	52.72654	1637.825	7.564516	0
31	CAMPBELL	102 - NEW	465.4715	13.16129	43.64583	77.47573	1746.084	8.645161	0
31	CAMPBELL	201 - WALH	466.5797	8.774194	50.19271	57.03074	1265.884	20.53226	0
31	CAMPBELL	202 - BEDF	471.0128	4.387097	37.09896	64.56311	1768.594	15.12903	0
31	CAMPBELL	301 - EVIN	193.9464	0	5.455729	18.29288	614.1844	2.16129	0
31	CAMPBELL	302 - OTTE	180.6473	2.193548	12.0026	11.83657	585.2438	3.241935	0
31	CAMPBELL	303 - ALTA	723.6973	7.677419	16.36719	63.48706	1216.578	14.04839	0
31	CAMPBELL	401 - THRE	239.3853	4.387097	14.1849	21.52104	1071.875	3.241935	0
31	CAMPBELL	402 - COUF	495.3946	4.387097	28.36979	66.71521	1844.697	15.12903	0
31	CAMPBELL	501 - SPRIN	469.9045	12.06452	60.01302	78.55178	1845.769	15.12903	0
31	CAMPBELL	502 - YELL	411.1665	4.387097	18.54948	31.2055	987.1969	3.241935	0
31	CAMPBELL	601 - KING	444.4144	3.290323	28.36979	46.27023	1098.672	0	0
31	CAMPBELL	602 - CONC	525.3178	12.06452	24.00521	41.96602	1522.063	9.725806	0
31	CAMPBELL	701 - BROC	385.6764	5.483871	3.273438	10.76052	746.025	5.403226	0
31	CAMPBELL	702 - GLAD	512.0186	4.387097	13.09375	10.76052	1113.678	4.322581	0
31	CAMPBELL	703 - MORI	191.7299	2.193548	10.91146	11.83657	486.6313	6.483871	0
33	CAROLINE	101 - BOW	431.3263	6.906977	18.56738	38.67868	784.6008	6.045593	0
33	CAROLINE	102 - SPAR	365.5685	6.906977	5.460993	9.945946	612.3178	5.037994	0
33	CAROLINE	201 - NORI	530.5202	9.209302	13.10638	34.25826	543.1852	5.037994	0
33	CAROLINE	202 - SOUT	522.7184	17.26744	20.75177	48.62462	793.3795	0	0
33	CAROLINE	301 - PORT	241.8548	6.906977	14.19858	12.15616	396.1411	616.6505	0
33	CAROLINE	302 - WOO	687.6701	12.66279	16.38298	30.94294	843.8574	7.053191	0
33	CAROLINE	401 - DAW	1103.393	6.906977	8.737589	57.46547	714.3708	0	0
33	CAROLINE	402 - CARN	395.6611	2.302326	4.368794	14.36637	234.8316	6.045593	0
33	CAROLINE	501 - WEST	742.2824	10.36047	14.19858	20.997	494.902	4.030395	0
33	CAROLINE	502 - MILF	449.1589	4.604651	13.10638	16.57658	546.4772	3.022796	0
33	CAROLINE	601 - CHIL	585.1326	10.36047	16.38298	55.25526	661.6983	4.030395	0
33	CAROLINE	602 - LAKE	376.7139	4.604651	8.737589	28.73273	521.2383	6.045593	0

35	CARROLL C 101 - MT B	103.6215	6.088235	0	7.512195	464.7946	1.061538	0
35	CARROLL C 102 - ST PA	117.1373	2.029412	7.135135	10.73171	674.2795	6.369231	0
35	CARROLL C 103 - LAME	78.84243	1.014706	5.945946	5.365854	361.1433	1.061538	0
35	CARROLL C 105 - FANC	134.0321	3.044118	4.756757	12.87805	486.616	9.553846	0
35	CARROLL C 201 - HILLS	348.033	12.17647	11.89189	25.7561	1106.342	5.307692	0
35	CARROLL C 202 - LAUR	112.632	3.044118	3.567568	8.585366	422.243	7.430769	0
35	CARROLL C 203 - GLAD	181.3376	4.058824	5.945946	10.73171	598.9959	3.184615	0
35	CARROLL C 301 - HILLS	376.191	8.117647	10.7027	24.68293	1326.738	8.492308	0
35	CARROLL C 302 - SYLV	111.5057	2.029412	3.567568	13.95122	520.4391	2.123077	0
35	CARROLL C 303 - DUGS	47.30546	2.029412	2.378378	2.146341	276.04	3.184615	0
35	CARROLL C 402 - WOO	254.5484	8.117647	13.08108	32.19512	974.323	5.307692	0
35	CARROLL C 403 - OAKL	110.3794	3.044118	5.945946	11.80488	550.9889	2.123077	0
35	CARROLL C 405 - OAKL	119.39	4.058824	2.378378	11.80488	466.9768	0	0
35	CARROLL C 406 - WOO	42.80018	0	1.189189	3.219512	173.4797	1.061538	0
35	CARROLL C 501 - VAUG	63.07394	1.014706	2.378378	8.585366	358.9611	0	0
35	CARROLL C 502 - GLAD	166.6954	3.044118	4.756757	15.02439	878.3091	10.61538	0
35	CARROLL C 503 - WOO	88.97931	1.014706	1.189189	6.439024	486.616	0	0
35	CARROLL C 504 - LAUR	102.4952	5.073529	1.189189	8.585366	535.714	2.123077	0
36	CHARLES C 101 - PREC	772.3977	6	10.4	33.5	606.6516	5.833333	0
36	CHARLES C 201 - PREC	911.0643	4	7.8	16.75	378.4615	3.5	0
36	CHARLES C 301 - PREC	812.538	5	20.8	16.75	490.8869	4.666667	0
37	CHARLOTT|101 - COUN	359.3515	1.222222	7.388889	21.52041	541.3426	1.076923	0
37	CHARLOTT|201 - RED C	338.2784	3.666667	4.222222	9.061224	521.2144	0	0
37	CHARLOTT|302 - DRAK	258.4225	1.222222	5.277778	13.59184	427.989	1.076923	0
37	CHARLOTT|401 - KEYS	303.896	2.444444	7.388889	22.65306	534.9863	4.307692	0
37	CHARLOTT|501 - CULLI	298.3505	0	4.222222	7.928571	477.7798	1.076923	0
37	CHARLOTT|602 - PHEN	273.9501	1.222222	3.166667	16.9898	580.5396	2.153846	0
37	CHARLOTT|702 - BACC	322.7509	1.222222	6.333333	19.2551	395.1483	4.307692	0
41	CHESTERFI|101 - BELL	727.1489	5.253456	12.47059	39.11243	801.9948	10.3346	0
41	CHESTERFI|102 - SOUT	1100.519	18.91244	24.94118	78.22485	1296.051	20.6692	0
41	CHESTERFI|103 - ENON	1182.337	17.86175	18.13904	73.75486	1858.913	20.6692	0
41	CHESTERFI|104 - NORI	954.1669	14.70968	35.14439	92.75232	1697.612	6.889734	0
41	CHESTERFI|105 - DREV	1135.974	17.17183	16.58502	47.54715	734.934	11.4964	0
41	CHESTERFI|106 - HARR	1798.858	15.76037	37.41176	82.69484	1668.285	22.96578	0
41	CHESTERFI|107 - WELL	1189.251	10.50691	19.27273	63.69738	1144.901	17.22433	0
41	CHESTERFI|108 - ECOF	1190.404	16.81106	46.48128	88.28233	1918.696	19.52091	0
41	CHESTERFI|109 - ELIZA	1674.402	13.65899	28.34225	100.5748	1860.041	26.41065	0
41	CHESTERFI|110 - DUTC	714.4728	7.354839	20.40642	51.4049	867.4177	14.92776	0
41	CHESTERFI|111 - IRON	1642.135	18.91244	38.54545	101.6923	1867.937	28.70722	0
41	CHESTERFI|112 - CARV	1019.852	6.304147	26.07487	61.46238	984.7278	13.77947	0
41	CHESTERFI|201 - GATE	783.6153	9.456221	14.73797	63.69738	1076.094	8.038023	0
41	CHESTERFI|202 - BEUL	1621.863	12.87887	23.21903	63.02762	888.0452	19.54388	0
41	CHESTERFI|203 - BIRD	331.8841	5.253456	7.935829	22.34996	469.2403	10.3346	0
41	CHESTERFI|204 - JACO	804.2294	17.17183	21.0077	51.97014	723.9975	14.94532	0
41	CHESTERFI|205 - FALLI	1817.335	21.46479	12.16235	47.54715	810.396	11.4964	0
41	CHESTERFI|206 - BELM	1237.62	18.24507	12.16235	36.48967	235.1351	5.748201	0
41	CHESTERFI|207 - CHIP	634.4476	6.439437	4.422673	17.69196	209.9811	5.748201	0

41	CHESTERFI	208 - MEA	1617.395	12.87887	6.63401	48.6529	648.5355	5.748201	0
41	CHESTERFI	209 - SALE	1312.556	15.76037	27.20856	119.5723	1565.638	13.77947	0
41	CHESTERFI	210 - FIVE	1893.29	21.46479	34.27572	109.469	1134.117	20.69353	0
41	CHESTERFI	211 - NASH	1098.214	8.40553	15.87166	113.9848	2023.599	11.48289	0
41	CHESTERFI	212 - ST. L	638.9156	5.366197	15.47936	33.17243	720.7165	4.598561	0
41	CHESTERFI	213 - SOUT	2769.006	21.46479	13.26802	70.76785	717.4356	19.54388	0
41	CHESTERFI	214 - HOPK	321.6918	2.146479	0	11.05748	48.12068	3.448921	0
41	CHESTERFI	215 - North	655.6704	8.585915	5.528341	26.53794	294.1923	2.299281	0
41	CHESTERFI	301 - ETTRI	2778.377	21.01382	12.47059	36.87743	513.2316	29.85551	0
41	CHESTERFI	302 - DEER	390.9448	5.366197	14.37369	47.54715	659.472	5.748201	0
41	CHESTERFI	303 - MATC	1453.145	14.70968	13.60428	37.99493	1579.174	10.3346	0
41	CHESTERFI	304 - WINF	814.7295	5.253456	13.60428	62.57988	2251.451	9.186312	0
41	CHESTERFI	305 - BEAC	233.9322	2.101382	11.3369	31.28994	801.9948	6.889734	0
41	CHESTERFI	306 - WINT	733.8593	11.80563	32.06438	92.8828	2229.956	10.34676	0
41	CHESTERFI	307 - COSB	1337.031	22.53803	54.17775	128.2667	1781.559	19.54388	0
41	CHESTERFI	308 - SOUT	492.5905	9.659155	17.69069	32.06668	407.9321	8.047482	0
41	CHESTERFI	309 - SKINC	1275.597	11.80563	45.3324	174.7081	2531.804	24.14245	0
41	CHESTERFI	310 - TOM	1042.147	16.09859	40.90973	123.8437	1441.433	19.54388	0
41	CHESTERFI	313 - WOO	1337.031	13.95211	47.54374	140.43	1838.429	31.04029	0
41	CHESTERFI	315 - BAILE	755.082	12.87887	26.53604	93.98855	1831.867	9.197122	0
41	CHESTERFI	316 - SPRIN	990.7659	13.95211	43.12106	111.6805	1470.962	18.39424	0
41	CHESTERFI	317 - BIRKL	1154.963	8.585915	39.80406	87.35406	1792.495	9.197122	0
41	CHESTERFI	318 - WEST	347.3824	5.366197	6.63401	19.90346	522.7655	2.299281	0
41	CHESTERFI	401 - HARB	645.6175	5.366197	17.69069	74.08509	837.7373	17.2446	0
41	CHESTERFI	402 - GENI	1891.056	27.90423	44.22673	147.0644	2046.222	28.74101	0
41	CHESTERFI	403 - BRAN	1194.057	22.53803	35.38139	127.161	1349.566	31.04029	0
41	CHESTERFI	404 - PROV	1202.993	7.512676	34.27572	109.469	988.6612	12.64604	0
41	CHESTERFI	405 - LA PR	1102.464	9.659155	22.11337	116.1035	1230.358	6.897842	0
41	CHESTERFI	406 - SMOI	832.154	13.95211	29.85304	122.738	1137.398	14.94532	0
41	CHESTERFI	407 - MON	599.8211	7.512676	24.3247	58.60463	778.6801	18.39424	0
41	CHESTERFI	408 - REAN	1872.067	24.68451	44.22673	112.7863	1201.923	17.2446	0
41	CHESTERFI	409 - MAN	702.5837	2.146479	22.11337	40.91266	581.8227	5.748201	0
41	CHESTERFI	410 - WAG	694.7648	11.80563	24.3247	57.49888	710.8736	8.047482	0
41	CHESTERFI	411 - SWIF	1079.008	15.02535	30.95871	124.9495	1256.606	16.09496	0
41	CHESTERFI	413 - SHEN	1058.902	27.90423	35.38139	105.046	973.3501	10.34676	0
41	CHESTERFI	414 - CREN	1583.885	31.12394	35.38139	131.584	1991.54	13.79568	0
41	CHESTERFI	415 - EVER	1137.091	25.75775	51.96641	121.6322	1344.098	17.2446	0
41	CHESTERFI	416 - EVER	637.7986	4.292958	24.3247	46.4414	581.8227	5.748201	0
41	CHESTERFI	417 - EDGE	529.451	9.659155	9.951015	64.13336	598.2275	6.897842	0
41	CHESTERFI	501 - HUGL	899.1731	18.24507	51.96641	86.24832	718.5292	14.94532	0
41	CHESTERFI	502 - CRES	625.5118	18.24507	11.05668	72.97934	637.599	5.748201	0
41	CHESTERFI	503 - MIDL	949.4375	5.366197	28.74738	106.1518	1372.533	16.09496	0
41	CHESTERFI	504 - ROBI	1444.262	16.09859	63.02309	170.2851	1890.924	26.44173	0
41	CHESTERFI	505 - BON	1266.661	20.39155	40.90973	122.738	1138.491	25.29209	0
41	CHESTERFI	506 - GREE	1252.14	15.02535	40.90973	141.5357	1054.28	16.09496	0
41	CHESTERFI	507 - SALIS	1213.046	6.439437	38.69839	171.3909	1854.833	24.14245	0
41	CHESTERFI	508 - BELG	1123.687	12.87887	25.43037	119.4207	1194.268	16.09496	0

41	CHESTERFIELD 509 - CRAN	922.6298	15.02535	27.64171	69.6621	678.0641	8.047482	0
41	CHESTERFIELD 510 - SYCA	1037.679	16.09859	57.49475	151.4874	1399.874	26.44173	0
41	CHESTERFIELD 511 - BLAC	666.8402	6.439437	15.47936	100.623	923.0421	27.59137	0
41	CHESTERFIELD 513 - BEAU	865.6636	12.87887	13.26802	42.01841	332.4701	12.64604	0
41	CHESTERFIELD 514 - WATI	1154.963	23.61127	65.23443	158.1219	1578.14	19.54388	0
41	CHESTERFIELD 515 - DAVI	1581.651	17.17183	12.16235	37.59542	393.7146	4.598561	0
41	CHESTERFIELD 516 - POCC	1019.808	6.439437	16.58502	29.85519	304.0352	6.897842	0
41	CHESTERFIELD 517 - ROSE	307.1709	2.146479	11.05668	43.12416	477.9258	8.047482	0
41	CHESTERFIELD 518 - MIDL	975.1281	5.366197	40.90973	124.9495	1566.109	26.44173	0
43	CLARKE CO 101 - RUSS	503.3436	10.10204	23.43333	42.94937	1129.327	14.55738	0
43	CLARKE CO 201 - BERR	680.6443	14.59184	29.6	60.56962	707.2327	8.491803	0
43	CLARKE CO 301 - MILL	449.7964	5.612245	13.56667	42.94937	660.0838	13.34426	0
43	CLARKE CO 302 - PINE	191.58	3.367347	9.866667	18.72152	312.0804	6.065574	0
43	CLARKE CO 401 - WHIT	602.1084	7.857143	8.633333	48.4557	913.7895	19.40984	0
43	CLARKE CO 501 - BUCK	452.1763	11.22449	12.33333	35.24051	679.1679	3.639344	0
43	CLARKE CO 502 - BLUE	171.351	2.244898	13.56667	12.11392	259.3186	8.491803	0
45	CRAIG CO 101 - COUF	86	4	4	9	415.194	2	0
45	CRAIG CO 201 - AMM	95	2	8	12	485.2267	2	0
45	CRAIG CO 301 - GIVE	91	2	4	7	226.1057	0	0
45	CRAIG CO 303 - MAR	70	2	4	6	180.0842	1	0
45	CRAIG CO 401 - BARB	45	4	6	6	169.079	3	0
45	CRAIG CO 402 - PAIN	16	0	0	1	31.01449	0	0
45	CRAIG CO 403 - CRAI	55	1	0	5	185.0865	0	0
45	CRAIG CO 501 - CRAI	83	5	4	8	448.2094	1	0
47	CULPEPER 101 - WEST	1270.922	29.13103	37.66981	85.21401	1381.957	14.4	0
47	CULPEPER 201 - EAST	1289.82	20.63448	17.12264	61.35409	1083.304	14.4	0
47	CULPEPER 302 - EGGB	387.4185	13.35172	18.26415	31.81323	1001.754	4.8	0
47	CULPEPER 303 - CARD	334.2666	10.92414	7.990566	29.54086	737.2642	1.2	0
47	CULPEPER 304 - WILL	240.9554	3.641379	7.990566	11.36187	301.9587	3.6	0
47	CULPEPER 401 - ELDO	427.5777	16.9931	11.41509	26.1323	966.4883	7.2	0
47	CULPEPER 402 - BROV	668.5331	13.35172	28.53774	51.1284	1426.039	9.6	0
47	CULPEPER 501 - JEFFE	578.7654	9.710345	30.82075	61.35409	1251.916	10.8	0
47	CULPEPER 502 - RIXEY	488.9977	14.56552	25.11321	55.67315	1216.651	9.6	0
47	CULPEPER 601 - MITC	107.485	4.855172	2.283019	5.680934	189.5507	0	0
47	CULPEPER 602 - PEAR	728.772	7.282759	23.9717	51.1284	1197.917	8.4	0
47	CULPEPER 603 - SOUT	303.5566	4.855172	13.69811	27.26848	331.7138	7.2	0
47	CULPEPER 702 - BRAN	507.8962	14.56552	7.990566	52.26459	1240.896	14.4	0
47	CULPEPER 703 - LIGN	300.0131	8.496552	3.424528	30.67704	649.101	2.4	0
47	CULPEPER 704 - RICH	124.0212	3.641379	5.707547	3.40856	372.4892	0	0
49	CUMBERLAND 101 - PREC	424.2566	7.2	3.310345	25.05495	610.8038	6	0
49	CUMBERLAND 201 - PREC	318.4624	7.2	8.827586	21.92308	686.0789	7	0
49	CUMBERLAND 301 - PREC	546.2439	3.6	7.724138	13.57143	370.9988	3	0
49	CUMBERLAND 401 - PREC	347.6098	1.2	6.62069	15.65934	575.317	3	0
49	CUMBERLAND 501 - PREC	399.4274	4.8	5.517241	18.79121	453.8014	3	0
51	DICKENSON 101 - SOUT	294.3596	3.818182	8.135135	21.03896	1011.088	10.29412	0
51	DICKENSON 201 - NOR	76.94876	1.272727	5.810811	4.207792	342.2662	3.088235	0
51	DICKENSON 202 - FRYIN	25.64959	0	0	1.051948	154.8614	2.058824	0

51	DICKENSON	203 - CLIN	145.3477	2.545455	6.972973	4.207792	469.073	3.088235	0
51	DICKENSON	301 - WEST	19.54254	1.272727	1.162162	4.207792	180.6717	0	0
51	DICKENSON	302 - HERA	43.97072	0	2.324324	0	344.5106	4.117647	0
51	DICKENSON	303 - RIDGI	112.3696	1.272727	2.324324	7.363636	592.5133	2.058824	0
51	DICKENSON	401 - HAYS	322.452	1.272727	6.972973	17.88312	839.3939	4.117647	0
51	DICKENSON	501 - TARP	95.2699	1.272727	3.486486	9.467532	224.4369	1.029412	0
51	DICKENSON	502 - NORI	199.0897	1.272727	5.810811	11.57143	773.185	5.147059	0
53	DINWIDDIE	101 - WHIT	130.8122	2.358974	6.493151	5.505618	413.8452	2.545455	0
53	DINWIDDIE	102 - ROCK	241.9448	1.179487	7.575342	12.11236	644.0051	2.545455	0
53	DINWIDDIE	103 - CHUR	244.26	0	11.90411	19.82022	1044.572	3.818182	0
53	DINWIDDIE	201 - ROHC	416.747	1.179487	2.164384	9.910112	341.9202	0	0
53	DINWIDDIE	202 - SUTH	699.2088	4.717949	9.739726	27.52809	1148.586	6.363636	0
53	DINWIDDIE	301 - REAN	207.2159	3.538462	3.246575	18.7191	368.4771	0	0
53	DINWIDDIE	302 - NEW	394.752	5.897436	5.410959	11.01124	606.3828	0	0
53	DINWIDDIE	303 - LITTL	694.5783	4.717949	8.657534	16.51685	588.6782	6.363636	0
53	DINWIDDIE	401 - DINW	538.2982	5.897436	12.9863	14.31461	812.1988	3.818182	0
53	DINWIDDIE	402 - MCKE	347.2892	5.897436	4.328767	13.21348	473.5982	6.363636	0
53	DINWIDDIE	403 - CHER	312.5602	1.179487	0	4.404494	262.2495	3.818182	0
53	DINWIDDIE	501 - EDGE	192.1667	1.179487	0	7.707865	77.45765	0	0
53	DINWIDDIE	502 - CHES	1345.167	8.25641	6.493151	35.23596	665.0293	6.363636	0
57	ESSEX COU	101 - GREA	610.4893	6	8.333333	25.36735	570.6537	7.27451	0
57	ESSEX COU	201 - NORI	819.6699	3.6	1.190476	17.29592	448.1277	39.4902	0
57	ESSEX COU	301 - SOUT	519.5411	6	7.142857	38.05102	935.9629	3.117647	0
57	ESSEX COU	401 - CENT	592.2996	2.4	8.333333	32.28571	702.2558	3.117647	0
59	FAIRFAX CC	104 - CHAP	1114.874	7.06163	43.46149	71.36	662.3714	26.37192	0
59	FAIRFAX CC	105 - FAIRV	2358.089	38.83897	68.81402	114.4221	1205.637	61.53449	0
59	FAIRFAX CC	106 - HERIT	2285.493	43.54672	24.14527	68.89931	663.5868	16.32548	0
59	FAIRFAX CC	108 - KING	1222.473	11.76938	45.87601	68.89931	655.0792	25.11612	0
59	FAIRFAX CC	109 - LITTL	735.0393	4.707753	22.93801	35.68	371.9003	18.83709	0
59	FAIRFAX CC	110 - NORI	2253.083	38.83897	49.4978	79.97241	1006.318	32.65095	0
59	FAIRFAX CC	113 - CANT	2075.481	17.65408	62.7777	102.1186	963.7808	47.72062	0
59	FAIRFAX CC	114 - OLDE	954.1251	8.238569	28.97432	47.98345	493.4363	28.88354	0
59	FAIRFAX CC	115 - RAVE	928.1978	9.415507	36.2179	62.74759	511.6667	20.09289	0
59	FAIRFAX CC	116 - WAKI	1236.733	10.59245	47.08328	49.21379	525.0357	30.13934	0
59	FAIRFAX CC	117 - WOO	1330.071	11.76938	44.66875	67.66897	749.8773	35.16256	0
59	FAIRFAX CC	118 - LAKE	2237.527	24.71571	61.57044	121.8041	799.7071	38.92998	0
59	FAIRFAX CC	119 - LAUR	2079.37	22.36183	95.37381	114.4221	1023.333	32.65095	0
59	FAIRFAX CC	120 - SIDEE	1375.444	21.18489	54.32686	75.05103	1000.242	55.25546	0
59	FAIRFAX CC	121 - VILLA	1055.242	18.83101	45.87601	40.60138	555.4197	16.32548	0
59	FAIRFAX CC	123 - ROBII	2072.889	27.06958	65.19223	125.4952	1078.025	59.02288	0
59	FAIRFAX CC	125 - SIGN	1492.117	12.94632	36.2179	68.89931	780.2614	43.95321	0
59	FAIRFAX CC	126 - BONN	1292.476	21.18489	36.2179	82.4331	546.9122	21.3487	0
59	FAIRFAX CC	127 - BURK	2336.051	35.30815	88.13023	114.4221	1081.671	45.20901	0
59	FAIRFAX CC	128 - CARD	1221.176	23.53877	36.2179	41.83172	571.2194	42.6974	0
59	FAIRFAX CC	129 - KEEN	930.7905	10.59245	25.35253	40.60138	437.5297	12.55806	0
59	FAIRFAX CC	130 - TERR	1231.547	12.94632	49.4978	67.66897	655.0792	30.13934	0
59	FAIRFAX CC	131 - EAGL	1636.013	25.89264	54.32686	89.81517	833.7372	27.62773	0

59 FAIRFAX CC 132 - MON	2049.554	32.95427	48.29054	79.97241	808.2146	22.60451	0
59 FAIRFAX CC 133 - DANE	409.6515	9.415507	8.450844	19.68552	160.4276	6.279029	0
59 FAIRFAX CC 134 - UNIV	2590.138	49.43141	47.08328	178.4	489.7902	26.37192	0
59 FAIRFAX CC 201 - Arms	1890.101	20.00795	61.57044	84.89379	810.6454	47.72062	0
59 FAIRFAX CC 202 - FLINT	1371.555	11.76938	59.15591	72.59034	822.799	50.23224	0
59 FAIRFAX CC 203 - FLOR	1879.73	25.89264	36.2179	65.20828	1016.041	28.88354	0
59 FAIRFAX CC 204 - MADI	521.139	7.06163	16.90169	18.45517	155.5661	8.790641	0
59 FAIRFAX CC 208 - REST	1868.063	29.42346	38.63243	84.89379	526.251	35.16256	0
59 FAIRFAX CC 209 - REST	1930.288	35.30815	47.08328	75.05103	458.1909	26.37192	0
59 FAIRFAX CC 213 - VIEN	1913.436	30.6004	83.30118	105.8097	944.335	55.25546	0
59 FAIRFAX CC 214 - VIEN	1534.897	21.18489	65.19223	72.59034	740.1545	43.95321	0
59 FAIRFAX CC 216 - VIEN	897.085	9.415507	30.18159	40.60138	376.7617	16.32548	0
59 FAIRFAX CC 218 - VIEN	1240.622	8.238569	44.66875	43.06207	432.6683	32.65095	0
59 FAIRFAX CC 219 - WEST	1779.91	10.59245	56.74138	98.42759	791.1996	41.44159	0
59 FAIRFAX CC 220 - DOG	2437.167	34.13121	62.7777	93.50621	700.0476	35.16256	0
59 FAIRFAX CC 221 - HUN	1429.891	8.238569	27.76706	54.13517	606.4648	33.90676	0
59 FAIRFAX CC 222 - REST	1413.038	24.71571	24.14527	49.21379	279.5329	17.58128	0
59 FAIRFAX CC 223 - GLAD	2214.192	28.24652	79.67939	114.4221	681.8172	36.41837	0
59 FAIRFAX CC 224 - SOUT	2571.989	35.30815	50.70507	108.2703	774.1846	47.72062	0
59 FAIRFAX CC 225 - HUG	2303.642	36.48509	50.70507	102.1186	556.635	37.67418	0
59 FAIRFAX CC 226 - WOL	1681.386	15.3002	85.71571	97.19724	901.7974	74.09255	0
59 FAIRFAX CC 227 - SUNR	907.4559	11.76938	27.76706	31.98897	422.9454	36.41837	0
59 FAIRFAX CC 229 - FOX	2405.921	23.5493	72.17164	118.004	1322.855	54.28006	0
59 FAIRFAX CC 233 - NORT	1586.751	20.00795	35.01064	67.66897	885.9977	55.25546	0
59 FAIRFAX CC 234 - ALDR	1453.226	12.94632	48.29054	52.90483	623.4799	41.44159	0
59 FAIRFAX CC 235 - FRYIN	1743.612	23.53877	37.42517	62.74759	568.7887	17.58128	0
59 FAIRFAX CC 236 - STUA	724.6684	9.415507	22.93801	36.91034	323.2859	20.09289	0
59 FAIRFAX CC 237 - MCN	2066.407	31.77734	41.04696	88.58483	601.6034	25.11612	0
59 FAIRFAX CC 238 - CAMI	1486.931	25.89264	31.38885	94.73655	803.3532	41.44159	0
59 FAIRFAX CC 240 - COLV	1174.434	4.957746	36.71891	54.36139	766.1273	37.06931	0
59 FAIRFAX CC 301 - CHAI	1309.411	17.35211	39.25124	53.0355	822.5524	51.63225	0
59 FAIRFAX CC 302 - CHES	1180.687	4.819897	47.79457	50.25641	583.9991	37.12445	0
59 FAIRFAX CC 303 - CHUF	740.2832	4.957746	20.25871	27.84364	346.0739	37.06931	0
59 FAIRFAX CC 304 - COOF	887.7833	7.43662	26.58955	30.49541	552.9658	39.71711	0
59 FAIRFAX CC 305 - EL NII	1053.676	10.84477	44.11806	36.4359	453.6751	33.28399	0
59 FAIRFAX CC 306 - GREA	871.0852	7.43662	11.39552	43.75429	690.8938	42.36492	0
59 FAIRFAX CC 307 - HAYC	1214.384	10.84477	47.79457	50.25641	486.8708	56.32675	0
59 FAIRFAX CC 309 - KENN	1554.317	18.59155	46.84826	79.55325	870.2002	47.66054	0
59 FAIRFAX CC 310 - KIRBY	970.7299	13.25472	53.92208	35.17949	397.1194	32.00384	0
59 FAIRFAX CC 311 - LANG	854.3871	6.197183	29.12189	25.19186	537.9191	41.04102	0
59 FAIRFAX CC 312 - LONG	1191.056	12.04974	80.88312	43.97436	540.9676	39.68476	0
59 FAIRFAX CC 314 - MCLE	1011.628	18.59155	41.78358	43.75429	579.2975	29.12588	0
59 FAIRFAX CC 315 - PIMN	1739.278	31.32933	80.88312	66.58974	796.6977	29.44353	0
59 FAIRFAX CC 316 - SALO	414.731	3.614923	6.127509	21.35897	249.5828	11.52138	0
59 FAIRFAX CC 317 - WEST	1108.11	15.66467	26.96104	59.05128	510.2308	30.72368	0
59 FAIRFAX CC 318 - WEST	668.7538	10.84477	26.96104	35.17949	328.269	14.08169	0
59 FAIRFAX CC 319 - HERN	2102.705	23.53877	83.30118	104.5793	952.8425	52.74385	0

59 FAIRFAX CC 320 - HERN	2424.204	23.53877	60.36317	110.731	825.2297	32.65095	0
59 FAIRFAX CC 321 - CLEAI	2084.482	24.78873	116.4876	120.6558	1149.818	51.63225	0
59 FAIRFAX CC 322 - FORE	1210.614	19.83099	43.04975	64.96849	1141.041	68.843	0
59 FAIRFAX CC 323 - SHOL	1122.948	8.676056	21.52488	53.0355	590.5826	34.4215	0
59 FAIRFAX CC 324 - HERN	1995.107	45.9006	51.91233	100.8883	720.7087	28.88354	0
59 FAIRFAX CC 325 - HUTC	1449.337	20.00795	15.69443	44.29241	351.2391	17.58128	0
59 FAIRFAX CC 327 - SUGA	1842.359	18.59155	56.97761	98.11568	1031.952	47.66054	0
59 FAIRFAX CC 328 - HICK	1374.812	14.87324	45.58209	67.62026	993.0815	52.95615	0
59 FAIRFAX CC 329 - SENE	1497.265	14.87324	31.65423	66.29438	1141.041	47.66054	0
59 FAIRFAX CC 331 - SPRIN	940.6607	4.957746	46.84826	57.01316	534.1575	33.0976	0
59 FAIRFAX CC 332 - COAT	2083.26	34.13121	39.83969	67.66897	589.4498	33.90676	0
59 FAIRFAX CC 333 - SALO	728.3714	7.229846	34.31405	33.92308	377.4478	24.32292	0
59 FAIRFAX CC 401 - BUSH	1715.95	19.27959	64.95159	67.84615	815.1398	38.40461	0
59 FAIRFAX CC 402 - CAMI	655.7935	6.024871	17.15702	26.38462	245.8944	28.16338	0
59 FAIRFAX CC 403 - FORE	789.285	7.229846	13.48052	18.84615	272.9427	12.80154	0
59 FAIRFAX CC 404 - FRAN	1968.676	27.71441	44.11806	79.15385	636.8664	28.16338	0
59 FAIRFAX CC 405 - GROV	1302.515	14.45969	12.25502	42.71795	315.9742	14.08169	0
59 FAIRFAX CC 406 - HAYF	1086.077	10.84477	42.89256	46.48718	754.8957	26.88322	0
59 FAIRFAX CC 408 - MOU	1550.057	16.86964	31.86305	65.33333	319.6627	28.16338	0
59 FAIRFAX CC 409 - PION	2258.988	27.71441	36.76505	52.76923	736.4536	28.16338	0
59 FAIRFAX CC 410 - ROSE	2238.252	32.53431	64.95159	101.7692	1143.409	40.96491	0
59 FAIRFAX CC 411 - VIRGI	1314.179	15.66467	44.11806	51.51282	496.7066	16.642	0
59 FAIRFAX CC 413 - FAIRF	1631.707	15.66467	9.804014	18.84615	218.846	12.80154	0
59 FAIRFAX CC 415 - CRES	1442.486	30.12436	40.44156	65.33333	639.3253	16.642	0
59 FAIRFAX CC 417 - GARF	2130.681	22.89451	30.63754	52.76923	743.8304	26.88322	0
59 FAIRFAX CC 418 - LYNB	1306.403	14.45969	29.41204	47.74359	408.1846	6.400768	0
59 FAIRFAX CC 419 - LANE	1986.821	31.32933	56.37308	72.87179	575.3928	34.56414	0
59 FAIRFAX CC 420 - VILLA	2168.266	22.89451	60.04959	105.5385	802.8451	42.24507	0
59 FAIRFAX CC 421 - KING	1957.012	21.68954	50.24557	87.94872	687.2747	35.8443	0
59 FAIRFAX CC 422 - VAN I	2081.431	12.04974	57.59858	86.69231	666.3737	28.16338	0
59 FAIRFAX CC 423 - CLERI	1416.566	13.25472	44.11806	70.35897	635.6369	42.24507	0
59 FAIRFAX CC 424 - HUN	1438.598	10.84477	45.34357	74.12821	598.7528	28.16338	0
59 FAIRFAX CC 426 - GREE	1094.133	1.176938	20.52348	9.842759	549.3429	25.11612	0
59 FAIRFAX CC 427 - ISLAN	1463.223	13.25472	40.44156	60.30769	560.6391	33.28399	0
59 FAIRFAX CC 428 - PINE	1858.514	16.86964	29.41204	43.97436	299.9911	19.2023	0
59 FAIRFAX CC 429 - HYBL	2260.284	14.45969	14.70602	30.15385	330.7279	11.52138	0
59 FAIRFAX CC 501 - BAILE	2026.998	19.27959	52.69658	54.02564	486.8708	32.00384	0
59 FAIRFAX CC 502 - BARC	723.372	5.884692	12.07263	20.91586	289.2558	20.09289	0
59 FAIRFAX CC 503 - BELVI	882.825	11.76938	24.14527	28.29793	311.1323	15.06967	0
59 FAIRFAX CC 504 - BRIST	1676.201	24.71571	24.14527	34.44966	461.8369	16.32548	0
59 FAIRFAX CC 505 - GLEN	1696.509	24.09949	36.76505	38.94872	484.4119	17.92215	0
59 FAIRFAX CC 506 - HOLN	448.4279	3.614923	0	8.794872	103.2756	3.840461	0
59 FAIRFAX CC 507 - LINCC	1817.04	19.27959	37.99055	62.82051	550.8034	25.60307	0
59 FAIRFAX CC 508 - MASC	1503.784	20.00795	47.08328	71.36	618.6184	21.3487	0
59 FAIRFAX CC 509 - PLAZ	727.0754	13.25472	8.578512	16.33333	125.4061	7.680921	0
59 FAIRFAX CC 510 - PARK	1228.641	21.68954	20.83353	30.15385	488.1003	25.60307	0
59 FAIRFAX CC 511 - RAVE	1362.48	16.47714	37.42517	62.74759	464.2677	48.97643	0

59 FAIRFAX CC 512 - SLEEF	776.523	8.238569	35.01064	24.6069	313.563	27.62773	0
59 FAIRFAX CC 513 - SAINI	1320.884	10.76066	37.60755	45.83554	562.6518	36.71054	0
59 FAIRFAX CC 514 - CROS	772.4366	6.024871	9.804014	12.5641	124.1766	8.961075	0
59 FAIRFAX CC 515 - WEST	1071.821	14.45969	19.60803	32.66667	354.0879	10.24123	0
59 FAIRFAX CC 516 - WEYF	1870.178	26.50943	33.08855	51.51282	496.7066	26.88322	0
59 FAIRFAX CC 517 - WILLI	1211.792	16.86964	18.38253	35.17949	288.9259	10.24123	0
59 FAIRFAX CC 518 - COLU	1580.27	27.06958	38.63243	50.44414	607.6802	18.83709	0
59 FAIRFAX CC 519 - HUM	986.5342	9.415507	24.14527	39.37103	454.5448	15.06967	0
59 FAIRFAX CC 520 - SKYLI	1534.505	25.30446	26.96104	27.64103	288.9259	16.642	0
59 FAIRFAX CC 521 - BROCK	1210.496	14.45969	28.18654	27.64103	563.0981	23.04276	0
59 FAIRFAX CC 522 - CAMI	697.4447	7.06163	25.35253	35.68	430.2376	16.32548	0
59 FAIRFAX CC 523 - POE	1381.573	15.66467	28.18654	42.71795	566.7865	33.28399	0
59 FAIRFAX CC 525 - WALI	1936.276	22.89451	60.04959	56.53846	736.4536	40.96491	0
59 FAIRFAX CC 526 - BREN	2141.049	14.45969	34.31405	72.87179	512.6897	34.56414	0
59 FAIRFAX CC 527 - EDSA	1207.904	10.84477	26.96104	47.74359	468.4287	14.08169	0
59 FAIRFAX CC 528 - RIDGI	610.5882	5.884692	20.52348	33.21931	341.5163	23.86031	0
59 FAIRFAX CC 530 - HOLN	1180.989	16.47714	13.2799	35.68	247.9335	12.55806	0
59 FAIRFAX CC 601 - BELLE	1057.564	19.27959	46.56907	41.46154	579.0812	38.40461	0
59 FAIRFAX CC 602 - BELLE	1218.272	14.45969	40.44156	62.82051	497.9361	42.24507	0
59 FAIRFAX CC 604 - BUCK	2063.287	30.12436	33.08855	79.15385	480.7235	28.16338	0
59 FAIRFAX CC 605 - FORT	1087.373	12.04974	35.53955	40.20513	654.079	71.6886	0
59 FAIRFAX CC 606 - HOLL	1254.561	9.639794	40.44156	60.30769	655.3085	57.60691	0
59 FAIRFAX CC 607 - HUNN	2225.291	36.14923	55.14758	111.8205	599.9822	33.28399	0
59 FAIRFAX CC 608 - KIRKS	1130.142	10.84477	30.63754	30.15385	322.1216	25.60307	0
59 FAIRFAX CC 609 - MARI	1069.228	18.07461	34.31405	57.79487	570.4749	53.76645	0
59 FAIRFAX CC 610 - SHER	1124.958	6.024871	20.83353	37.69231	367.6121	32.00384	0
59 FAIRFAX CC 611 - STRA	1259.746	20.48456	60.04959	70.35897	754.8957	53.76645	0
59 FAIRFAX CC 612 - WAYI	688.1943	3.614923	23.28453	26.38462	372.5299	24.32292	0
59 FAIRFAX CC 613 - WEST	1420.454	21.68954	57.59858	104.2821	1276.192	78.08936	0
59 FAIRFAX CC 614 - RIVER	933.1449	12.04974	53.92208	51.51282	634.4074	40.96491	0
59 FAIRFAX CC 615 - WOO	1384.165	15.66467	42.89256	60.30769	720.4705	56.32675	0
59 FAIRFAX CC 616 - GUNN	1044.604	10.84477	39.21606	55.28205	903.6618	21.76261	0
59 FAIRFAX CC 617 - LORT	1433.414	14.45969	22.05903	18.84615	330.7279	17.92215	0
59 FAIRFAX CC 618 - NEWI	2702.922	36.48509	100.2029	115.6524	1195.915	59.02288	0
59 FAIRFAX CC 619 - BELVI	1158.655	16.86964	31.86305	49	569.2454	24.32292	0
59 FAIRFAX CC 621 - GROS	1368.612	26.50943	49.02007	57.79487	360.2352	17.92215	0
59 FAIRFAX CC 622 - LORT	2094.392	21.68954	36.76505	59.05128	554.4918	23.04276	0
59 FAIRFAX CC 623 - ALBA	1695.213	25.30446	45.34357	80.41026	628.2601	24.32292	0
59 FAIRFAX CC 625 - LORT	1092.557	22.89451	26.96104	41.46154	449.9867	14.08169	0
59 FAIRFAX CC 626 - SARA	1893.506	27.71441	50.24557	79.15385	908.5796	47.36568	0
59 FAIRFAX CC 627 - WOO	2373.039	21.68954	42.89256	74.12821	689.7337	23.04276	0
59 FAIRFAX CC 628 - LAUR	2256.972	22.36183	32.59611	61.51724	765.677	31.39515	0
59 FAIRFAX CC 629 - SOUT	1378.037	16.47714	30.18159	55.36552	894.5052	32.65095	0
59 FAIRFAX CC 701 - BLAKI	2395.684	31.77734	96.58108	105.8097	847.1062	28.88354	0
59 FAIRFAX CC 703 - FORT	1259.746	13.25472	41.66706	49	319.6627	24.32292	0
59 FAIRFAX CC 704 - FREEI	1171.914	15.3002	16.90169	35.68	514.0974	36.41837	0
59 FAIRFAX CC 705 - GRAF	2220.107	25.30446	60.04959	82.92308	671.2916	42.24507	0

59 FAIRFAX CC 707 - MAN	1145.987	12.94632	27.76706	41.83172	523.8203	21.3487	0
59 FAIRFAX CC 708 - MAR	2813.691	43.37907	82.10862	126.8974	768.4199	46.08553	0
59 FAIRFAX CC 709 - MOSI	1798.059	25.89264	50.70507	73.82069	571.2194	40.18579	0
59 FAIRFAX CC 710 - PINE	1369.908	16.86964	57.59858	76.64103	431.5446	33.28399	0
59 FAIRFAX CC 711 - PRICE	1053.945	11.76938	26.5598	52.90483	499.5131	22.60451	0
59 FAIRFAX CC 712 - SHRE	837.2383	13.25472	37.99055	45.23077	308.5974	15.36184	0
59 FAIRFAX CC 713 - TIMB	1848.145	24.09949	53.92208	66.58974	547.1149	33.28399	0
59 FAIRFAX CC 714 - WAL	1769.539	17.65408	51.91233	67.66897	724.3548	23.86031	0
59 FAIRFAX CC 717 - WOO	1118.764	17.65408	48.29054	46.7531	360.962	17.58128	0
59 FAIRFAX CC 718 - PINE	1327.478	17.65408	26.5598	46.7531	508.0206	21.3487	0
59 FAIRFAX CC 720 - THOR	1541.379	16.47714	50.70507	72.59034	645.3564	42.6974	0
59 FAIRFAX CC 721 - MERF	3352.401	51.78529	96.58108	185.7821	865.3366	55.25546	0
59 FAIRFAX CC 726 - MAG	1903.875	36.14923	75.98111	80.41026	655.3085	34.56414	0
59 FAIRFAX CC 727 - OAKT	1116.171	17.65408	55.53412	49.21379	720.7087	43.95321	0
59 FAIRFAX CC 729 - NOTT	1700.832	31.77734	66.39949	77.51172	635.6335	42.6974	0
59 FAIRFAX CC 730 - PEND	1903.065	34.13121	56.74138	94.73655	862.9059	32.65095	0
59 FAIRFAX CC 731 - TYSO	1371.555	17.65408	38.63243	66.43862	483.7134	26.37192	0
59 FAIRFAX CC 732 - OAK I	1568.602	23.53877	65.19223	83.66345	995.3801	52.74385	0
59 FAIRFAX CC 733 - KILMI	2180.487	29.42346	42.25422	78.74207	736.5084	43.95321	0
59 FAIRFAX CC 734 - HUN	1173.211	12.94632	36.2179	62.74759	315.9937	15.06967	0
59 FAIRFAX CC 735 - ROTC	706.5192	24.71571	16.90169	9.842759	274.6714	8.790641	0
59 FAIRFAX CC 801 - BURK	2483.836	24.71571	85.71571	113.1917	1012.395	42.6974	0
59 FAIRFAX CC 802 - CEDA	683.1847	5.884692	24.14527	24.6069	289.2558	13.81386	0
59 FAIRFAX CC 803 - CLIFT	1504.222	14.87324	63.30846	103.4192	1786.794	59.57567	0
59 FAIRFAX CC 804 - COLC	841.8635	8.676056	24.05721	38.45074	674.5932	25.15417	0
59 FAIRFAX CC 805 - FAIRF	704.104	8.676056	29.12189	31.8213	555.4736	21.18246	0
59 FAIRFAX CC 806 - SYDEI	1538.786	16.47714	70.02128	86.12414	900.582	38.92998	0
59 FAIRFAX CC 807 - HUN	1039.685	10.59245	48.29054	57.82621	589.4498	22.60451	0
59 FAIRFAX CC 811 - POHI	1120.06	14.12326	30.18159	40.60138	415.6532	18.83709	0
59 FAIRFAX CC 812 - VALLI	1402.668	11.76938	48.29054	65.20828	738.9391	26.37192	0
59 FAIRFAX CC 815 - WOO	1129.906	7.43662	37.98507	62.31671	1070.823	62.22348	0
59 FAIRFAX CC 824 - ORAN	1842.136	25.89264	85.71571	110.731	1147.3	48.97643	0
59 FAIRFAX CC 825 - CHER	1332.664	8.238569	49.4978	61.51724	850.7523	43.95321	0
59 FAIRFAX CC 827 - IRVIN	1235.436	21.18489	51.91233	45.52276	713.4165	45.20901	0
59 FAIRFAX CC 833 - WHIT	1651.57	16.47714	45.87601	75.05103	697.6169	22.60451	0
59 FAIRFAX CC 838 - SANG	1024.151	8.676056	35.45274	49.05784	677.101	34.4215	0
59 FAIRFAX CC 839 - SILVE	1566.84	14.87324	51.91294	91.48624	1139.787	50.30835	0
59 FAIRFAX CC 840 - WEST	1470.079	20.00795	66.39949	49.21379	763.2463	55.25546	0
59 FAIRFAX CC 841 - POPE	645.6606	7.43662	35.45274	38.45074	606.8831	27.80198	0
59 FAIRFAX CC 842 - PARK	1033.203	12.94632	43.46149	40.60138	740.1545	43.95321	0
59 FAIRFAX CC 843 - FAIR	1696.943	24.71571	44.66875	98.42759	751.0927	20.09289	0
59 FAIRFAX CC 844 - CENT	1604.901	37.66203	39.83969	93.50621	529.8971	23.86031	0
59 FAIRFAX CC 845 - FOUN	1580.755	9.915493	39.25124	95.4639	1458.275	55.60396	0
59 FAIRFAX CC 846 - GREE	1808.43	22.36183	56.74138	99.65793	803.3532	31.39515	0
59 FAIRFAX CC 847 - GREE	1216.18	17.35211	34.18657	67.62026	683.3705	29.12588	0
59 FAIRFAX CC 848 - FAIR	1750.094	25.89264	32.59611	72.59034	747.4466	23.86031	0
59 FAIRFAX CC 849 - NEW	846.038	4.957746	25.32338	53.0355	562.997	25.15417	0

59	FAIRFAX CC850 - SOUT	1284.364	7.43662	48.11443	57.01316	985.5582	42.36492	0
59	FAIRFAX CC851 - WILLI	1173.211	15.3002	30.18159	54.13517	821.5836	32.65095	0
59	FAIRFAX CC854 - NEWI	1228.703	27.26761	58.24378	68.94615	1148.564	51.63225	0
59	FAIRFAX CC901 - CENT	1787.688	34.13121	37.42517	87.35448	702.4783	18.83709	0
59	FAIRFAX CC902 - BROCK	2415.661	32.22535	53.1791	91.48624	917.8481	25.15417	0
59	FAIRFAX CC903 - CUBI	1842.359	26.02817	83.56716	121.9817	1115.963	42.36492	0
59	FAIRFAX CC904 - STON	736.1087	6.197183	39.25124	67.62026	561.7431	13.23904	0
59	FAIRFAX CC905 - FRAN	544.0804	3.71831	21.52488	35.79896	248.2704	14.56294	0
59	FAIRFAX CC908 - HIDD	1141.038	13.6338	44.31592	63.6426	727.2567	27.80198	0
59	FAIRFAX CC909 - OAKI	1249.576	12.39437	29.12189	58.33905	601.8676	19.85856	0
59	FAIRFAX CC910 - LOND	2131.225	28.24652	65.19223	92.27586	765.677	32.65095	0
59	FAIRFAX CC911 - NAVY	1740.779	19.83099	45.58209	66.29438	907.8169	38.39321	0
59	FAIRFAX CC913 - ROCK	2003.774	33.46479	54.44527	111.3746	1312.824	60.89958	0
59	FAIRFAX CC914 - VALE	1064.505	12.39437	37.98507	66.29438	687.1321	47.66054	0
59	FAIRFAX CC915 - VIRGI	1086.769	11.15493	29.12189	68.94615	1073.331	33.0976	0
59	FAIRFAX CC916 - WAPI	1970.378	22.30986	63.30846	111.3746	1334.14	55.60396	0
59	FAIRFAX CC917 - STON	1054.764	6.197183	24.05721	74.2497	490.2713	27.80198	0
59	FAIRFAX CC918 - CENT	2360.682	35.30815	73.64307	129.1862	973.5037	42.6974	0
59	FAIRFAX CC919 - GREE	2120.854	34.13121	71.22854	94.73655	989.3033	38.92998	0
59	FAIRFAX CC920 - CHAN	1575.189	11.15493	31.65423	60.99083	786.1895	39.71711	0
59	FAIRFAX CC921 - DEER	1463.868	28.50704	62.04229	111.3746	1104.678	31.77369	0
59	FAIRFAX CC923 - BULL	839.0804	7.43662	34.18657	51.70961	840.1068	30.44979	0
59	FAIRFAX CC924 - SPIN	1148.58	17.65408	35.01064	59.05655	401.0689	18.83709	0
59	FAIRFAX CC925 - OLDI	1004.67	14.87324	25.32338	68.94615	559.2353	13.23904	0
59	FAIRFAX CC926 - POW	2481.244	27.06958	43.46149	124.2648	996.5955	31.39515	0
59	FAIRFAX CC927 - ARMI	1093.727	8.676056	22.79104	51.70961	535.4114	22.50636	0
59	FAIRFAX CC928 - POPL	1437.43	13.6338	30.38806	74.2497	830.0757	41.04102	0
59	FAIRFAX CC929 - DIFFI	293.6086	3.71831	7.597015	19.88831	254.5398	19.85856	0
59	FAIRFAX CC930 - LEES	1139.647	24.78873	54.44527	74.2497	601.8676	26.47808	0
59	FAIRFAX CC931 - CARS	1242.618	22.30986	43.04975	66.29438	560.4892	23.83027	0
59	FAIRFAX CC932 - STON	1017.194	16.11268	30.38806	46.40606	376.1672	15.88685	0
59	FAIRFAX CC933 - COMI	391.5024	8.238569	15.69443	15.99448	200.5345	6.279029	0
61	FAUQUIER 101 - KETTI	239.5725	5.572917	22.52668	25.98252	710.8086	3.417391	0
61	FAUQUIER 102 - CATLI	528.1134	8.627907	26.72973	63.72197	1582.006	15.82609	0
61	FAUQUIER 103 - CASA	386.9097	5.572917	4.742459	21.25843	629.0543	4.556522	0
61	FAUQUIER 104 - LOIS	269.0599	7.395349	15.10811	21.97309	678.4618	10.17391	0
61	FAUQUIER 105 - OPAL	283.8935	1.114583	20.15545	29.52559	708.5377	9.113043	0
61	FAUQUIER 106 - BALD	462.375	8.916667	36.75406	50.78402	719.8925	9.113043	0
61	FAUQUIER 201 - COUF	1098.44	31.20833	42.68213	89.7578	1266.057	25.06087	0
61	FAUQUIER 202 - AIRLI	736.6856	10.03125	29.64037	81.49064	1218.367	18.22609	0
61	FAUQUIER 203 - WARI	1021.777	17.83333	53.35267	81.49064	1118.445	27.33913	0
61	FAUQUIER 301 - MORI	380.2417	12.32558	12.78378	38.45291	1132.913	13.56522	0
61	FAUQUIER 302 - REMI	723.5091	14.48958	41.49652	76.76654	1401.179	17.08696	0
61	FAUQUIER 303 - BEALI	920.5851	24.65116	31.37838	120.852	1501.619	12.43478	0
61	FAUQUIER 401 - MARC	831.3167	30.09375	23.7123	83.85268	1267.192	18.22609	0
61	FAUQUIER 402 - LEED	826.5253	10.03125	21.34107	47.24095	1004.897	20.50435	0
61	FAUQUIER 403 - WATI	761.8407	18.94792	28.45476	70.86142	1406.856	18.22609	0

61	FAUQUIER 404 - SPRIN	385.7118	3.34375	21.34107	25.98252	663.1186	9.113043	0
61	FAUQUIER 501 - THE F	860.0654	12.26042	30.82599	42.51685	903.8397	9.113043	0
61	FAUQUIER 502 - NEW	620.4929	12.26042	48.61021	67.31835	1272.87	17.08696	0
61	FAUQUIER 503 - BROA	591.7442	11.14583	26.08353	47.24095	1038.962	22.78261	0
61	FAUQUIER 504 - VINT	1042.141	21.17708	59.28074	103.9301	1901.924	33.03478	0
63	FLOYD COL 101 - LOCU	470.5945	15.62921	19.3375	37.48366	1110.021	13.88889	0
63	FLOYD COL 201 - LITTL	561.7568	31.25843	29.575	48.36601	1076.486	20.83333	0
63	FLOYD COL 301 - COUF	553.1334	27.65169	15.925	43.52941	865.2127	18.05556	0
63	FLOYD COL 401 - BURK	380.6642	21.64045	7.9625	37.48366	1061.954	12.5	0
63	FLOYD COL 501 - INDIA	333.8511	10.82022	18.2	18.13725	1179.327	9.722222	0
65	FLUVANNA 101 - PALM	1476.181	19.15493	40.15789	113.7324	1551.943	17.11538	0
65	FLUVANNA 201 - COLU	879.196	11.26761	27.53684	56.26761	1126.939	13.69231	0
65	FLUVANNA 301 - FORK	1091.457	9.014085	27.53684	51.47887	1083.986	13.69231	0
65	FLUVANNA 401 - CUNN	940.7035	15.77465	44.74737	85	1758.793	26.24359	0
65	FLUVANNA 501 - RIVAI	1372.462	24.78873	78.02105	118.5211	1503.339	18.25641	0
67	FRANKLIN (102 - BURN	488.4949	6.571429	15.344	58.57297	1343.427	12.27536	0
67	FRANKLIN (103 - SCRU	727.7121	7.666667	21.92	69.41982	2162.616	10.04348	0
67	FRANKLIN (201 - GLAD	352.1188	4.380952	9.864	28.2018	1163.657	10.04348	0
67	FRANKLIN (202 - PENH	343.1761	1.095238	7.672	19.52432	800.889	13.3913	0
67	FRANKLIN (203 - HODC	81.60213	1.095238	1.096	4.338739	198.0693	2.231884	0
67	FRANKLIN (204 - DUDL	273.8701	3.285714	10.96	21.69369	695.3956	1.115942	0
67	FRANKLIN (301 - SNOV	158.7329	3.285714	6.576	13.01622	606.0491	4.463768	0
67	FRANKLIN (302 - FORK	130.787	1.095238	7.672	14.1009	509.1674	5.57971	0
67	FRANKLIN (303 - SONT	520.9122	7.666667	14.248	35.79459	778.2833	3.347826	0
67	FRANKLIN (304 - DICKI	245.9242	4.380952	4.384	8.677477	294.9511	0	0
67	FRANKLIN (401 - HENR	230.2745	6.571429	9.864	21.69369	1053.858	6.695652	0
67	FRANKLIN (402 - FERRI	223.5675	7.666667	8.768	17.35495	515.6261	3.347826	0
67	FRANKLIN (403 - ENDI	150.908	5.47619	9.864	17.35495	547.9201	8.927536	0
67	FRANKLIN (501 - WAID	224.6853	2.190476	7.672	23.86306	651.2606	3.347826	0
67	FRANKLIN (502 - CALL	287.2842	4.380952	12.056	22.77838	920.3765	5.57971	0
67	FRANKLIN (503 - BOW	172.147	6.571429	4.384	26.03243	454.2677	8.927536	0
67	FRANKLIN (504 - GOGC	243.6885	3.285714	12.056	16.27027	749.2188	8.927536	0
67	FRANKLIN (601 - BOOF	390.1252	8.761905	25.208	41.21802	1121.675	8.927536	0
67	FRANKLIN (602 - BONE	336.469	13.14286	17.536	39.04865	1076.464	4.463768	0
67	FRANKLIN (603 - COOF	215.7426	3.285714	15.344	22.77838	849.3299	5.57971	0
67	FRANKLIN (701 - ROCK	563.39	6.571429	19.728	31.45586	921.453	11.15942	0
67	FRANKLIN (702 - ROCK	486.2592	5.47619	20.824	29.28649	601.7432	4.463768	0
67	FRANKLIN (703 - ROCK	409.1285	1.095238	10.96	19.52432	553.3024	11.15942	0
69	FREDERICK 101 - RUSS	350.4816	7.459016	11.03659	50.19608	1202.3	5.54	0
69	FREDERICK 102 - GORE	382.8509	22.37705	12.14024	49.10486	1462.871	15.512	0
69	FREDERICK 103 - KERN	625.0627	21.31148	26.4878	65.47315	1323.395	14.404	0
69	FREDERICK 104 - CEDA	361.6434	21.31148	13.2439	41.46633	862.8019	7.756	0
69	FREDERICK 201 - GAIN	195.3321	4.262295	15.45122	22.9156	926.5931	6.648	0
69	FREDERICK 202 - ALBIN	448.7057	6.393443	29.79878	32.73657	1194.732	13.296	0
69	FREDERICK 203 - REDL	588.2286	13.85246	29.79878	62.19949	1614.24	18.836	0
69	FREDERICK 204 - NAIN	475.4941	9.590164	32.0061	39.28389	1246.63	11.08	0
69	FREDERICK 301 - CLEAI	266.7678	3.196721	12.14024	41.46633	867.1268	6.648	0

69	FREDERICK 302 - NEFF	887.3658	26.63934	30.90244	90.57118	1414.217	21.052	0
69	FREDERICK 303 - WHIT	711.0088	12.78689	23.17683	62.19949	1735.335	27.7	0
69	FREDERICK 401 - CARP	666.3615	18.11475	34.21341	52.37852	1237.98	11.08	0
69	FREDERICK 402 - SHEN	311.4152	10.65574	13.2439	44.73998	691.9715	3.324	0
69	FREDERICK 403 - PARK	590.461	19.18033	45.25	70.92924	1159.052	14.404	0
69	FREDERICK 404 - ARMI	609.4361	13.85246	33.10976	72.02046	1135.266	15.512	0
69	FREDERICK 501 - STEPI	679.7557	17.04918	32.0061	92.75362	1296.365	9.972	0
69	FREDERICK 502 - NEW	808.1167	19.18033	35.31707	108.0307	1548.286	11.08	0
69	FREDERICK 503 - CANT	697.6146	18.11475	18.7622	61.10827	1435.841	9.972	0
69	FREDERICK 601 - MILL	505.6311	6.393443	12.14024	52.37852	873.614	15.512	0
69	FREDERICK 602 - ASH	735.5648	24.5082	38.62805	73.11168	1080.124	14.404	0
69	FREDERICK 603 - GREE	1034.702	28.77049	44.14634	94.93606	1774.258	23.268	0
71	GILES COUNCIL 101 - GLEN	22.55639	1.026316	0	1.074866	99.71025	1.172414	0
71	GILES COUNCIL 102 - RICH	98.1203	4.105263	3.391304	13.97326	399.9248	2.344828	0
71	GILES COUNCIL 103 - NARR	356.391	4.105263	19.21739	48.36898	1246.378	10.55172	0
71	GILES COUNCIL 201 - PEAR	470.3008	8.210526	19.21739	55.89305	1541.174	10.55172	0
71	GILES COUNCIL 202 - STAFI	78.94737	2.052632	2.26087	11.82353	267.7003	2.344828	0
71	GILES COUNCIL 203 - WHIT	30.45113	0	2.26087	3.224599	178.8282	1.172414	0
71	GILES COUNCIL 301 - EGGL	192.8571	8.210526	5.652174	11.82353	455.199	1.172414	0
71	GILES COUNCIL 302 - PEME	384.5865	9.236842	18.08696	32.24599	1165.093	2.344828	0
71	GILES COUNCIL 303 - NEWI	315.7895	2.052632	7.913043	22.57219	555.993	2.344828	0
73	GLOUCESTER 101 - HARC	400.5477	11.07438	25.94924	52.88394	1020.356	5.724638	0
73	GLOUCESTER 102 - SALEI	333.7898	3.322314	8.649746	52.88394	892.5429	8.014493	0
73	GLOUCESTER 103 - PEASI	220.6407	8.859504	9.730964	30.84897	680.9533	5.724638	0
73	GLOUCESTER 201 - COUF	527.2747	11.07438	15.13706	50.68045	962.3568	8.014493	0
73	GLOUCESTER 202 - BOTE	683.4204	21.04132	31.35533	81.52941	1469.313	9.15942	0
73	GLOUCESTER 301 - WHIT	369.9975	9.966942	16.21827	69.41017	1210.464	6.869565	0
73	GLOUCESTER 302 - ROAN	588.3752	15.50413	32.43655	59.49444	1520.867	9.15942	0
73	GLOUCESTER 401 - HAYE	655.1332	16.61157	11.8934	65.00318	1320.018	5.724638	0
73	GLOUCESTER 402 - SARA	577.0603	14.39669	30.27411	67.20668	1083.725	3.434783	0
73	GLOUCESTER 501 - ACHII	578.1918	14.39669	15.13706	81.52941	1768.975	12.5942	0
73	GLOUCESTER 502 - WALI	469.5687	7.752066	16.21827	81.52941	1166.428	4.57971	0
75	GOOCHLAND 101 - FIFE	418.959	4.695652	10.19531	27.34615	589.6902	1.151899	0
75	GOOCHLAND 102 - HADE	549.4545	7.043478	16.99219	51.27404	1009.001	9.21519	0
75	GOOCHLAND 201 - THRE	236.9522	2.347826	3.398438	13.67308	237.8675	9.21519	0
75	GOOCHLAND 202 - SAND	873.4037	11.73913	26.05469	61.52885	1115.211	9.21519	0
75	GOOCHLAND 301 - GOOI	467.0363	2.347826	9.0625	37.60096	816.4941	4.607595	0
75	GOOCHLAND 302 - GOOI	184.2962	7.043478	7.929688	15.95192	379.4817	3.455696	0
75	GOOCHLAND 401 - SHAL	524.2711	3.521739	21.52344	46.71635	744.5806	6.911392	0
75	GOOCHLAND 402 - CENT	607.834	4.695652	27.1875	63.80769	1369.674	12.67089	0
75	GOOCHLAND 501 - MAN	647.8984	8.217391	11.32813	92.29327	1333.164	23.03797	0
75	GOOCHLAND 502 - BLAIF	378.8946	2.347826	11.32813	63.80769	788.835	11.51899	0
77	GRAYSON C 101 - BRIDI	80.36766	5.392157	5.740741	4.731183	207.0699	1.12	0
77	GRAYSON C 102 - FLATI	43.01368	1.078431	0	2.365591	140.2731	0	0
77	GRAYSON C 103 - GRAN	86.02735	3.235294	2.296296	5.913978	220.4292	2.24	0
77	GRAYSON C 104 - MOU	65.65245	2.156863	5.740741	7.096774	121.3474	2.24	0
77	GRAYSON C 105 - MOU	39.61786	0	4.592593	3.548387	198.1636	0	0

77	GRAYSON (106 - RUGE	52.06919	0	4.592593	8.27957	188.1441	1.12	0
77	GRAYSON (107 - TROU	19.24296	0	1.148148	1.182796	122.4607	4.48	0
77	GRAYSON (108 - COMI	46.40949	2.156863	2.296296	3.548387	153.6325	1.12	0
77	GRAYSON (202 - ELK C	89.42317	7.54902	6.888889	7.096774	391.8742	0	0
77	GRAYSON (203 - INDEI	276.1931	8.627451	19.51852	22.47312	989.705	4.48	0
77	GRAYSON (301 - BAYM	140.3604	3.235294	6.888889	11.82796	647.9283	1.12	0
77	GRAYSON (302 - FAIR\	161.8673	7.54902	13.77778	9.462366	826.053	3.36	0
77	GRAYSON (401 - FRIES	110.93	1.078431	4.592593	5.913978	319.511	2.24	0
77	GRAYSON (402 - PROV	113.1939	10.78431	9.185185	8.27957	742.557	2.24	0
77	GRAYSON (403 - OLDT	82.63154	2.156863	5.740741	8.27957	322.8509	2.24	0
79	GREENE CC 101 - DYKE	258.9694	6.827586	7.845638	23.61773	679.2077	11.11111	0
79	GREENE CC 102 - SWIF	401.4026	9.103448	24.65772	74.22715	836.0329	18.88889	0
79	GREENE CC 201 - RUCK	756.8969	14.7931	56.04027	107.9668	1407.009	25.55556	0
79	GREENE CC 301 - STAN	615.6409	18.2069	17.93289	74.22715	1447.872	14.44444	0
79	GREENE CC 401 - MIDV	891.0902	17.06897	60.52349	125.9612	1574.878	30	0
81	GREENSVIL 101 - PREC	317	0	3	5	158.091	0	0
81	GREENSVIL 102 - PREC	86	1	0	5	114.0657	0	0
81	GREENSVIL 103 - PREC	305	3	0	2	44.02535	0	0
81	GREENSVIL 201 - PREC	421	1	3	3	167.0962	0	0
81	GREENSVIL 202 - PREC	284	1	0	5	400.2304	0	0
81	GREENSVIL 302 - PREC	753	0	3	12	398.2293	0	0
81	GREENSVIL 401 - PREC	110	0	2	7	204.1175	0	0
81	GREENSVIL 402 - PREC	195	0	1	5	111.0639	0	0
81	GREENSVIL 403 - PREC	87	0	0	6	140.0806	0	0
83	HALIFAX C(101 - CHIL	325.7722	0	4.219178	10.06132	471.3246	0	0
83	HALIFAX C(102 - LIBER	166.2331	1.073171	4.219178	3.353774	240.0672	0	0
83	HALIFAX C(103 - REPU	408.331	6.439024	3.164384	6.707547	434.9841	6.5625	0
83	HALIFAX C(201 - CLAY	191.8932	0	2.109589	5.589623	401.9473	1.3125	0
83	HALIFAX C(202 - CROS	236.5196	0	2.109589	6.707547	323.7603	0	0
83	HALIFAX C(203 - CLOV	450.726	4.292683	1.054795	7.825472	458.1099	1.3125	0
83	HALIFAX C(302 - MEAI	253.2544	2.146341	7.383562	5.589623	122.236	1.3125	0
83	HALIFAX C(304 - VERN	223.1317	2.146341	3.164384	1.117925	404.1498	3.9375	0
83	HALIFAX C(305 - SINAI	724.0623	3.219512	1.054795	12.29717	439.389	5.25	0
83	HALIFAX C(401 - COUF	504.2776	5.365854	6.328767	15.65094	488.9442	3.9375	0
83	HALIFAX C(403 - CENT	302.3434	3.219512	9.493151	24.59434	638.7108	2.625	0
83	HALIFAX C(502 - DAN	467.4609	4.292683	9.493151	41.36321	926.1307	5.25	0
83	HALIFAX C(503 - SCOT	143.9199	0	4.219178	12.29717	547.3091	1.3125	0
83	HALIFAX C(601 - BLAC	247.6762	1.073171	3.164384	7.825472	566.03	0	0
83	HALIFAX C(603 - MT C	541.0943	2.146341	5.273973	16.76887	656.3305	0	0
83	HALIFAX C(605 - UNIO	119.3754	2.146341	2.109589	5.589623	225.7512	0	0
83	HALIFAX C(701 - HYCC	295.6495	0	2.109589	10.06132	836.9315	1.3125	0
83	HALIFAX C(702 - MIDV	116.0285	0	1.054795	14.53302	636.5084	3.9375	0
83	HALIFAX C(703 - VIRGI	109.3345	0	1.054795	8.943396	412.9596	0	0
83	HALIFAX C(801 - SOUT	666.048	4.292683	3.164384	13.41509	276.4076	1.3125	0
83	HALIFAX C(802 - SOUT	403.8683	2.146341	1.054795	6.707547	196.0182	2.625	0
85	HANOVER (101 - ASHL	809.171	12.03484	12.22039	57.18932	676.2021	11.46341	0
85	HANOVER (104 - SLIDII	687.0109	7.658537	26.66267	68.40291	952.9782	18.34146	0

85	HANOVER	105 - BERK	892.1055	13.12892	21.10795	54.9466	541.6129	6.878049	0
85	HANOVER	106 - KERSI	364.239	1.094077	16.66417	37.00485	655.5795	8.02439	0
85	HANOVER	107 - CHICI	533.4701	5.470383	23.32984	81.85922	782.5709	11.46341	0
85	HANOVER	201 - BEAV	558.1263	7.658537	17.77511	78.49515	1625.924	14.90244	0
85	HANOVER	202 - BLUN	406.827	2.188153	4.443778	34.76214	700.0808	4.585366	0
85	HANOVER	203 - WILM	500.9688	8.752613	16.66417	52.70388	1101.678	5.731707	0
85	HANOVER	206 - COUF	534.5908	6.56446	21.10795	42.61165	697.91	6.878049	0
85	HANOVER	208 - OAK I	458.3808	8.752613	19.997	63.91748	1024.614	8.02439	0
85	HANOVER	209 - WEST	162.5066	4.376307	4.443778	20.18447	302.8256	1.146341	0
85	HANOVER	210 - OAK I	163.6274	2.188153	4.443778	24.6699	399.4259	3.439024	0
85	HANOVER	301 - CLAY	569.3336	8.752613	21.10795	61.67476	1386.051	11.46341	0
85	HANOVER	303 - SHAD	539.0738	10.94077	26.66267	56.06796	1163.545	9.170732	0
85	HANOVER	304 - ATLEI	1368.418	24.06969	58.88006	195.1165	2320.578	22.92683	0
85	HANOVER	305 - COOL	692.6145	2.188153	33.32834	87.46602	1212.388	19.4878	0
85	HANOVER	401 - BATT	438.2076	5.470383	19.997	65.03883	1696.475	8.02439	0
85	HANOVER	403 - COLD	737.444	17.50523	24.44078	103.165	1831.064	17.19512	0
85	HANOVER	404 - BLAC	452.7771	7.658537	33.32834	43.73301	1838.662	13.7561	0
85	HANOVER	405 - PEBB	404.5855	1.094077	22.21889	34.76214	823.816	11.46341	0
85	HANOVER	406 - BEAV	147.9371	6.56446	7.776612	24.6699	346.2415	1.146341	0
85	HANOVER	502 - RURA	607.4386	13.12892	23.32984	50.46117	1379.539	19.4878	0
85	HANOVER	503 - NEWI	586.1447	5.470383	21.10795	88.58738	1085.397	12.60976	0
85	HANOVER	504 - STUD	264.4936	13.12892	22.21889	44.85437	1035.468	10.31707	0
85	HANOVER	505 - TOTC	236.4752	4.376307	5.554723	39.24757	803.1935	6.878049	0
85	HANOVER	506 - GEOF	413.5514	4.376307	19.997	70.64563	1001.821	10.31707	0
85	HANOVER	507 - LAUR	515.5383	4.376307	22.21889	86.34466	1286.195	13.7561	0
85	HANOVER	601 - VILLA	813.654	22.97561	24.44078	117.7427	2022.094	12.60976	0
85	HANOVER	602 - LEE D	624.2497	17.50523	15.55322	81.85922	1530.409	5.731707	0
85	HANOVER	603 - MECH	633.2156	14.223	26.66267	62.79612	909.5623	9.170732	0
85	HANOVER	604 - HANC	383.2915	1.094077	14.44228	56.06796	957.3198	8.02439	0
85	HANOVER	701 - FARR	535.7116	10.94077	22.21889	61.67476	1291.622	10.31707	0
85	HANOVER	702 - MON	652.2681	7.658537	13.33133	74.00971	1068.03	10.31707	0
85	HANOVER	703 - ROCK	582.7825	9.84669	16.66417	63.91748	1204.79	14.90244	0
85	HANOVER	704 - ELMC	766.5831	13.12892	36.66117	85.2233	1264.487	12.60976	0
85	HANOVER	705 - SOUT	345.1865	7.658537	19.997	38.12621	709.8494	3.439024	0
87	HENRICO C	101 - COAL	1450.67	17.48431	53.54608	107.3692	1319.698	19.48363	0
87	HENRICO C	102 - DUM	1675.342	22.94816	30.59776	76.37602	558.6315	18.33753	0
87	HENRICO C	103 - GLEN	1411.894	10.92769	44.80386	117.3313	1536.513	24.06801	0
87	HENRICO C	104 - GLEN	1260.213	17.48431	3.278331	34.31386	360.6215	10.31486	0
87	HENRICO C	105 - GREE	757.2681	18.57708	19.66999	55.34494	513.2773	9.168766	0
87	HENRICO C	106 - HERN	1346.888	19.66985	33.87609	111.7968	931.4213	25.21411	0
87	HENRICO C	107 - HILLI	559.9678	8.742156	20.76276	48.70355	401.551	5.730479	0
87	HENRICO C	108 - HUNC	1523.66	18.57708	45.89664	116.2244	1424.787	18.33753	0
87	HENRICO C	109 - HUN1	323.8918	8.742156	9.834994	34.31386	487.8347	4.584383	0
87	HENRICO C	110 - JOHN	460.7475	14.206	9.834994	29.88627	342.9223	2.292191	0
87	HENRICO C	111 - LAKE	1013.873	28.41201	18.57721	100.7278	866.1554	25.21411	0
87	HENRICO C	112 - LONG	1142.745	24.04093	32.78331	76.37602	1016.599	17.19144	0
87	HENRICO C	113 - MAU	448.2024	5.463847	7.64944	44.27595	433.6308	6.876574	0

87	HENRICO C 114 - MON	439.0786	5.463847	27.31943	66.41393	365.0463	6.876574	0
87	HENRICO C 115 - STAPI	1379.961	16.39154	52.4533	117.3313	1496.69	25.21411	0
87	HENRICO C 116 - SUMI	598.7436	16.39154	16.39166	68.62773	448.0114	11.46096	0
87	HENRICO C 117 - WEST	871.3145	14.206	20.76276	70.84153	612.8354	9.168766	0
87	HENRICO C 201 - ADAN	1431.784	11.71103	1.1	6.446701	76.82277	2.248705	0
87	HENRICO C 202 - AZAL	2341.373	16.39154	16.39166	29.88627	138.2751	16.04534	0
87	HENRICO C 203 - BELM	1229.42	16.39154	31.69054	69.73463	529.8703	9.168766	0
87	HENRICO C 204 - BROC	268.009	3.278308	4.371108	16.60348	259.9572	2.292191	0
87	HENRICO C 205 - CANT	295.3802	2.185539	3.278331	47.59665	316.3735	4.584383	0
87	HENRICO C 206 - CENT	1939.038	9.581749	8.8	9.670051	37.87038	29.23316	0
87	HENRICO C 207 - CHAN	1513.396	16.39154	25.13387	56.45184	476.7727	5.730479	0
87	HENRICO C 208 - FAIRF	1763.58	8.51711	3.3	8.595601	64.92065	7.870466	0
87	HENRICO C 209 - GLEN	1104.487	9.581749	4.4	16.11675	194.762	13.49223	0
87	HENRICO C 210 - GREE	997.906	7.649386	10.92777	37.63456	223.4526	8.02267	0
87	HENRICO C 211 - HIGH	774.9405	4.258555	1.1	8.595601	34.62435	7.870466	0
87	HENRICO C 212 - HOLL	443.6405	6.556617	7.64944	19.92418	188.0542	3.438287	0
87	HENRICO C 213 - HUNC	940.8828	8.742156	19.66999	36.52766	214.603	5.730479	0
87	HENRICO C 214 - LONG	809.7294	13.11323	19.66999	60.87944	424.7812	5.730479	0
87	HENRICO C 215 - MAPI	2016.645	18.09886	7.7	11.81895	85.47886	4.497409	0
87	HENRICO C 216 - MOO	436.7977	8.742156	12.02055	33.20696	351.7719	1.146096	0
87	HENRICO C 217 - MOU	334.156	1.092769	13.11333	27.67247	252.2138	2.292191	0
87	HENRICO C 218 - OAKV	70.70877	3.278308	1.092777	4.427595	61.94726	2.292191	0
87	HENRICO C 219 - RANC	230.3737	2.185539	1.092777	4.427595	50.88525	0	0
87	HENRICO C 220 - RATC	2397.929	18.09886	18.7	31.15905	137.4154	14.61658	0
87	HENRICO C 221 - STRA	177.9124	5.463847	9.834994	12.17589	111.7263	1.146096	0
87	HENRICO C 222 - WILD	1198.628	9.834925	12.02055	33.20696	257.7448	8.02267	0
87	HENRICO C 223 - YELL	1509.974	14.206	27.31943	64.20013	961.2887	11.46096	0
87	HENRICO C 224 - ESSE	696.2093	1.064639	3.3	4.2978	9.738098	5.621762	0
87	HENRICO C 301 - CAUS	701.3854	3.278308	28.4122	69.73463	690.2695	17.19144	0
87	HENRICO C 302 - CEDA	877.0168	8.742156	41.52553	115.1175	1042.041	22.92191	0
87	HENRICO C 303 - INNS	1192.925	12.02046	40.43275	84.12431	953.5453	20.62972	0
87	HENRICO C 304 - JACK	554.2655	6.556617	24.0411	53.13114	691.3757	14.89924	0
87	HENRICO C 305 - NUCK	1049.227	13.11323	49.17497	126.1865	1235.627	24.06801	0
87	HENRICO C 306 - POCA	1068.615	9.834925	26.22665	75.26912	898.2352	8.02267	0
87	HENRICO C 307 - RIDG	575.9343	7.649386	24.0411	45.38285	603.9858	10.31486	0
87	HENRICO C 308 - RIVE	1037.822	4.371078	33.87609	107.3692	1130.537	25.21411	0
87	HENRICO C 309 - SADL	1227.139	7.649386	30.59776	89.65881	1014.386	10.31486	0
87	HENRICO C 310 - SHAD	1078.879	7.649386	30.59776	88.55191	1370.583	24.06801	0
87	HENRICO C 311 - SHOR	1531.643	16.39154	33.87609	94.0864	1392.707	36.67506	0
87	HENRICO C 312 - SPRIN	889.5619	6.556617	34.96887	69.73463	621.685	11.46096	0
87	HENRICO C 313 - STON	1457.513	17.48431	57.91719	141.6831	1472.354	27.5063	0
87	HENRICO C 314 - THRE	1035.541	21.85539	43.71108	102.9416	1065.272	14.89924	0
87	HENRICO C 315 - TUCK	1654.813	24.04093	60.10274	101.8347	672.5702	16.04534	0
87	HENRICO C 401 - QUIO	1167.835	16.39154	44.80386	116.2244	987.8375	18.33753	0
87	HENRICO C 402 - CRES	1034.401	16.39154	29.50498	91.8726	711.2873	17.19144	0
87	HENRICO C 403 - DERB	645.5026	6.556617	15.29888	77.48292	869.474	21.77582	0
87	HENRICO C 404 - FREE	691.1212	10.92769	36.06164	80.80361	634.9594	18.33753	0

87	HENRICO C 405 - GAYT	1090.284	15.29877	43.71108	133.9348	1329.654	27.5063	0
87	HENRICO C 406 - GOD\	923.7758	9.834925	32.78331	109.583	866.1554	16.04534	0
87	HENRICO C 407 - LAKE\	759.549	9.834925	15.29888	89.65881	888.2794	8.02267	0
87	HENRICO C 408 - LAUD	1018.434	13.11323	30.59776	70.84153	873.8988	14.89924	0
87	HENRICO C 409 - MAYE	986.5014	22.94816	22.94832	108.4761	1016.599	19.48363	0
87	HENRICO C 410 - MOO	468.7307	5.463847	19.66999	67.52083	759.9601	13.75315	0
87	HENRICO C 411 - PEME	1002.468	24.04093	25.13387	78.58982	689.1633	8.02267	0
87	HENRICO C 412 - PINCI	1249.949	20.76262	24.0411	110.6899	1009.962	19.48363	0
87	HENRICO C 413 - RIDGI	1139.324	17.48431	61.19552	105.1554	1221.246	21.77582	0
87	HENRICO C 414 - ROLLI	799.4653	1.092769	28.4122	114.0106	648.2338	8.02267	0
87	HENRICO C 415 - SKIPV	664.8905	5.463847	13.11333	46.48975	498.8967	8.02267	0
87	HENRICO C 416 - SPOT	439.0786	3.278308	10.92777	55.34494	400.4448	8.02267	0
87	HENRICO C 417 - TUCK	1072.036	8.742156	36.06164	187.0659	1537.619	17.19144	0
87	HENRICO C 418 - WELE	832.5387	15.29877	12.02055	83.01741	536.5075	14.89924	0
87	HENRICO C 419 - WEST	1048.086	7.649386	30.59776	99.62089	1017.705	18.33753	0
87	HENRICO C 501 - ANTIK	408.2778	2.129278	7.7	29.01015	1140.439	11.24352	0
87	HENRICO C 502 - CEDA	787.3126	4.258555	4.4	20.41455	134.1693	6.746114	0
87	HENRICO C 503 - CHICI	833.4266	14.90494	20.9	41.90355	971.6457	12.36788	0
87	HENRICO C 504 - DON\	824.4287	13.8403	16.5	22.56345	466.3467	7.870466	0
87	HENRICO C 505 - DORE	990.8891	5.323194	16.5	51.5736	942.4315	5.621762	0
87	HENRICO C 506 - EANE	1328.309	11.71103	5.5	34.3824	410.0821	12.36788	0
87	HENRICO C 507 - ELKO	115.8474	3.193916	2.2	19.3401	486.9049	0	0
87	HENRICO C 508 - HIGH	1385.67	15.96958	5.5	27.9357	276.9948	3.373057	0
87	HENRICO C 509 - LABU	1229.332	10.64639	11	21.489	417.6562	5.621762	0
87	HENRICO C 510 - MEHI	518.5016	14.90494	9.9	11.81895	436.0504	3.373057	0
87	HENRICO C 511 - MON	2537.396	15.96958	11	39.75465	308.3731	15.74093	0
87	HENRICO C 512 - NINE	565.7403	7.452471	9.9	33.30795	352.7355	3.373057	0
87	HENRICO C 513 - PLEA\	2058.26	12.77567	6.6	17.1912	244.5345	8.994819	0
87	HENRICO C 514 - ROLF	3314.586	22.35741	25.3	39.75465	331.0953	12.36788	0
87	HENRICO C 515 - SAND	518.5016	8.51711	11	46.20135	1078.765	11.24352	0
87	HENRICO C 516 - SULLI	1015.633	11.71103	6.6	29.01015	505.2991	1.124352	0
87	HENRICO C 517 - TOWI	321.6734	8.51711	6.6	21.489	431.7223	5.621762	0
87	HENRICO C 518 - WHIT	627.6006	14.90494	16.5	31.15905	991.1219	4.497409	0
89	HENRY COI 101 - BASSI	273.103	2.259259	5.366972	6.927039	287.401	1.191489	0
89	HENRY COI 102 - GUN\	180.9585	3.388889	10.73394	11.54506	842.6074	0	0
89	HENRY COI 103 - SCOT	410.7646	6.777778	11.80734	23.09013	1306.368	3.574468	0
89	HENRY COI 201 - FIELD	242.0181	3.388889	4.293578	13.85408	438.7219	0	0
89	HENRY COI 202 - HORS	386.3408	3.388889	10.73394	13.85408	732.6547	1.191489	0
89	HENRY COI 203 - HORS	747.1476	9.037037	1.073394	9.236052	306.9965	3.574468	0
89	HENRY COI 204 - SPEN	358.5864	2.259259	4.293578	16.16309	930.7872	4.765957	0
89	HENRY COI 302 - AXTO	402.7066	0	5.555556	15.10891	364.7452	1.105263	0
89	HENRY COI 303 - IRISBI	612.2895	7.194444	8.888889	26.9802	778.6327	1.105263	0
89	HENRY COI 304 - MOU	783.5059	21.58333	5.555556	23.74257	679.256	6.631579	0
89	HENRY COI 305 - MOU	323.7015	3.083333	4.444444	10.79208	375.6657	3.315789	0
89	HENRY COI 401 - COLLI	198.7213	1.12963	7.513761	12.69957	573.7133	4.765957	0
89	HENRY COI 402 - DANI	281.9844	3.388889	7.513761	20.78112	568.2701	2.382979	0
89	HENRY COI 404 - COLLI	474.0446	3.388889	9.66055	34.63519	830.6323	7.148936	0

89	HENRY COI	405 - MOU	344.55	2.055556	1.111111	15.10891	469.5821	4.421053	0
89	HENRY COI	501 - BASSI	291.976	3.388889	3.220183	11.54506	359.2512	4.765957	0
89	HENRY COI	502 - FIGSE	239.7977	0	8.587156	15.00858	682.5773	1.191489	0
89	HENRY COI	503 - STAN	245.3486	6.777778	10.73394	21.93562	1141.983	5.957447	0
89	HENRY COI	504 - OAK I	138.7718	1.12963	3.220183	16.16309	354.8966	1.191489	0
89	HENRY COI	505 - DYER	176.4018	0	0	9.236052	340.9047	1.191489	0
89	HENRY COI	601 - FONT	328.6117	4.518519	6.440367	15.00858	785.9981	9.531915	0
89	HENRY COI	602 - HILLC	203.162	3.388889	6.440367	5.772532	283.0464	0	0
89	HENRY COI	603 - RIDGI	323.7015	3.083333	4.444444	17.26733	1017.792	4.421053	0
89	HENRY COI	604 - RIDGI	229.8062	3.388889	5.366972	11.54506	755.5162	3.574468	0
91	HIGHLAND	001 - MON	145	3	9	16	300	0	0
91	HIGHLAND	003 - WILSI	26	1	1	4	74	0	0
91	HIGHLAND	005 - BLUE	76	0	5	6	163	0	0
91	HIGHLAND	007 - MILL	40	1	1	3	90	0	0
91	HIGHLAND	008 - MCDI	71	2	4	4	249	0	0
91	HIGHLAND	010 - HEAD	13	1	1	0	82	0	0
93	ISLE OF WI	101 - SMITI	828.8137	14.42466	34.14433	80.47059	1585.147	19.60204	0
93	ISLE OF WI	102 - CYPR	722.5555	7.767123	22.40722	60.35294	1179.873	19.60204	0
93	ISLE OF WI	201 - BART	765.0588	11.09589	21.34021	92.76471	1536.122	19.60204	0
93	ISLE OF WI	202 - CARR	908.2276	12.20548	33.07732	115.1176	1431.535	9.22449	0
93	ISLE OF WI	301 - RUSH	990.9972	7.767123	8.536082	36.88235	802.9234	10.37755	0
93	ISLE OF WI	302 - PONS	1257.202	3.328767	12.80412	26.82353	675.458	2.306122	0
93	ISLE OF WI	401 - COUF	216.9903	0	4.268041	13.41176	587.2126	3.459184	0
93	ISLE OF WI	402 - WINE	510.0392	5.547945	21.34021	41.35294	1052.407	4.612245	0
93	ISLE OF WI	403 - LONG	506.6837	5.547945	10.6701	41.35294	800.7445	8.071429	0
93	ISLE OF WI	501 - WALI	205.8053	4.438356	6.402062	20.11765	668.9213	3.459184	0
93	ISLE OF WI	502 - CAMI	266.2047	1.109589	4.268041	5.588235	202.6374	2.306122	0
93	ISLE OF WI	503 - CARR	221.4644	3.328767	4.268041	19	364.9652	1.153061	0
93	ISLE OF WI	504 - ZUNI	325.4855	4.438356	13.87113	22.35294	826.8913	9.22449	0
93	ISLE OF WI	505 - RAYN	155.4725	0	9.603093	13.41176	489.1623	0	0
95	JAMES CIT\	101 - BERK	1153.385	21.19212	63.8	117.9754	1450.166	39.24468	1109.543
95	JAMES CIT\	102 - BERK	890.1534	11.7734	55.68	114.4361	987.9857	26.58511	0
95	JAMES CIT\	103 - BERK	1422.974	7.064039	59.16	76.68401	2056.403	43.04255	0
95	JAMES CIT\	104- BERKE	330	10	14	24	304	3	405.747
95	JAMES CIT\	201 - JAME	396	11	16	24	293	7	489.6515
95	JAMES CIT\	202 - JAME	1579.387	25.90148	48.72	116.7956	1027.601	26.58511	0
95	JAMES CIT\	203 - JAME	1004.602	16.48276	49.88	69.60549	1132.042	25.31915	0
95	JAMES CIT\	204 - JAME	1210.609	20.01478	53.36	76.68401	1613.43	26.58511	0
95	JAMES CIT\	301 - POW	1330.144	9.418719	35.96	88.48155	1633.838	40.51064	0
95	JAMES CIT\	302 - POW	620.5641	8.241379	25.52	43.6509	398.5556	6.329787	0
95	JAMES CIT\	303 - POW	434.9035	2.35468	9.28	30.6736	812.7173	3.797872	0
95	JAMES CIT\	304 - POW	1503.088	17.6601	22.04	93.20057	1190.865	13.92553	0
95	JAMES CIT\	401 - STON	1241.128	25.90148	51.04	128.5932	1797.102	17.7234	0
95	JAMES CIT\	402 - STON	1696.378	29.4335	47.56	107.3576	2066.007	34.18085	0
95	JAMES CIT\	403 - STON	1082.172	20.01478	45.24	81.40303	1605.027	24.05319	0
95	JAMES CIT\	501 - ROBE	807	9	14	33	335	3	860.3339
95	JAMES CIT\	502 - ROBE	796	10	24	50	1284	29	914.183

95 JAMES CITY 503 - ROBE	284	2	9	17	137	1	326.8517
95 JAMES CITY 504 - ROBE	1322.514	23.5468	41.76	101.4588	1181.261	29.11702	1189.69
97 KING & QU 101 - OWEI	404.6919	3.375	2.6	6.716418	287.9063	2.181818	0
97 KING & QU 201 - CLAR	256.1915	5.625	3.9	22.38806	497.589	14.18182	0
97 KING & QU 301 - SHAC	307.2031	3.375	2.6	12.31343	406.3282	4.363636	0
97 KING & QU 401 - COUF	336.6764	4.5	0	20.14925	407.4146	2.181818	0
97 KING & QU 501 - OLDN	163.2371	1.125	3.9	13.43284	499.7619	1.090909	0
99 KING GEOR 101 - COUF	676.174	17.94595	45.35625	89.97419	1359.486	10.5	0
99 KING GEOR 102 - PASS	387.5489	4.486486	12.16875	27.22903	743.5927	8.166667	0
99 KING GEOR 201 - MON	901.9532	26.91892	54.20625	106.5484	2005.892	22.16667	0
99 KING GEOR 301 - DAHL	1069.542	20.18919	35.4	79.31935	1501.876	23.33333	0
99 KING GEOR 401 - SHILC	971.7819	13.45946	29.86875	63.92903	1730.153	19.83333	0
101 KING WILLI 101 - WEST	514.5946	9.428571	19.96875	89.61373	1060.388	5	0
101 KING WILLI 201 - SWEE	203.2432	3.142857	6.65625	23.52361	403.2014	3.75	0
101 KING WILLI 202 - COUF	465.9459	5.238095	7.765625	19.04292	685.7598	3.75	0
101 KING WILLI 301 - AYLE	400	8.380952	16.64063	44.80687	1306.965	12.5	0
101 KING WILLI 401 - MAN	508.1081	9.428571	9.984375	52.64807	1255.11	8.75	0
101 KING WILLI 501 - MAN	668.1081	8.380952	9.984375	31.36481	1263.576	16.25	0
103 LANCASTER 101 - PREC	487.6391	4.666667	12.52778	28.2	766.8108	7.714286	0
103 LANCASTER 201 - PREC	734.3003	0	6.833333	24.52174	455.7568	6.428571	0
103 LANCASTER 301 - PREC	296.6755	14	5.694444	31.87826	681.3564	10.28571	0
103 LANCASTER 302 - PREC	155.7262	7	3.416667	8.582609	313.3328	1.285714	0
103 LANCASTER 401 - PREC	709.2932	7	2.277778	15.93913	418.1569	2.571429	0
103 LANCASTER 501 - PREC	485.3657	2.333333	10.25	31.87826	887.5864	7.714286	0
105 LEE COUNT 101 - ELYD	100.2945	1.03125	3	2.382022	397.8535	0	0
105 LEE COUNT 102 - EWIN	78.00685	2.0625	6	11.91011	391.3668	0	0
105 LEE COUNT 103 - ROSE	162.7	2.0625	6	8.337079	743.8131	4.390244	0
105 LEE COUNT 201 - BLAC	36.77466	1.03125	0	1.191011	140.5461	2.195122	0
105 LEE COUNT 202 - FLAT	83.57877	1.03125	2	13.10112	640.0252	5.487805	0
105 LEE COUNT 203 - JONE	203.9322	0	6	17.86517	863.8178	7.682927	0
105 LEE COUNT 301 - BEN F	202.8178	5.15625	6	11.91011	934.0909	9.878049	0
105 LEE COUNT 302 - WOO	99.18014	9.28125	4	0	623.8084	4.390244	0
105 LEE COUNT 401 - STICK	86.92192	2.0625	2	4.764045	331.905	0	0
105 LEE COUNT 402 - JASPE	60.17671	3.09375	1	4.764045	283.2544	1.097561	0
105 LEE COUNT 403 - SEMI	59.06233	1.03125	1	3.573034	338.3917	3.292683	0
105 LEE COUNT 404 - DRYD	137.0692	0	2	11.91011	622.7272	4.390244	0
105 LEE COUNT 501 - SAINT	114.7815	0	0	0	257.3074	0	0
105 LEE COUNT 502 - PENN	153.7849	3.09375	4	11.91011	712.4605	2.195122	0
105 LEE COUNT 503 - ROBB	10.02945	2.0625	1	1.191011	108.1124	0	0
105 LEE COUNT 504 - KEOK	37.88904	0	1	1.191011	153.5196	0	0
107 LOUDOUN 107 - LITTL	1147.426	18.7331	35.95154	80.13781	847.3374	32.83679	0
107 LOUDOUN 108 - MERC	1204.059	9.366548	35.95154	52.211	834.3559	17.68135	0
107 LOUDOUN 112 - FREEI	945.5187	3.512456	25.16608	25.4984	496.8371	11.36658	0
107 LOUDOUN 114 - DULL	1149.889	25.75801	27.56285	31.56944	619.5712	16.41839	0
107 LOUDOUN 117 - CART	787.9322	12.879	22.76931	30.35523	279.6921	11.36658	0
107 LOUDOUN 118 - MOO	1289.008	5.854093	43.14185	53.42521	630.1924	16.41839	0
107 LOUDOUN 119 - ARCC	2208.673	25.75801	65.91117	126.2778	1292.249	26.52202	0

107 LOUDOUN 120 - LUNS	1284.083	11.70819	23.9677	58.28205	778.8895	18.9443	0
107 LOUDOUN 121 - TOWI	783.0077	10.53737	38.34831	49.78258	536.9617	12.62953	0
107 LOUDOUN 122 - HUTC	1410.891	11.70819	51.53055	63.13888	836.7162	27.78497	0
107 LOUDOUN 123 - CARD	734.993	9.366548	29.95962	47.35416	512.1789	15.15544	0
107 LOUDOUN 124 - LIBER	871.65	10.53737	23.9677	37.64049	515.7193	10.10363	0
107 LOUDOUN 125 - ROCK	1370.263	12.879	29.95962	36.42628	519.2597	20.20725	0
107 LOUDOUN 207 - RIVEF	737.4553	12.879	29.95962	48.56837	551.1233	12.62953	0
107 LOUDOUN 208 - ALGO	842.1026	17.56228	45.53862	52.211	594.7884	20.20725	0
107 LOUDOUN 209 - POTC	1261.923	18.7331	41.94347	67.99572	722.243	26.52202	0
107 LOUDOUN 210 - CASC	1515.538	25.75801	45.53862	105.6362	867.3997	27.78497	0
107 LOUDOUN 213 - COUN	528.1608	8.19573	19.17416	40.06891	318.6366	8.840674	0
107 LOUDOUN 214 - SUGA	1424.434	14.04982	65.91117	92.27991	922.8661	32.83679	0
107 LOUDOUN 215 - SUGA	1489.684	17.56228	41.94347	92.27991	778.8895	23.99611	0
107 LOUDOUN 216 - LOWI	1046.472	15.22064	26.36447	47.35416	794.2313	39.15155	0
107 LOUDOUN 217 - SOUT	1370.263	15.22064	44.34024	58.28205	837.8963	25.25907	0
107 LOUDOUN 218 - UNIV	1026.774	22.24555	26.36447	66.78151	470.8741	5.051813	0
107 LOUDOUN 219 - GALIL	1078.482	17.56228	43.14185	92.27991	645.5342	20.20725	0
107 LOUDOUN 301 - PURC	1147.426	11.70819	71.90309	100.7794	1224.981	40.41451	0
107 LOUDOUN 302 - ROUN	885.1926	11.70819	44.34024	86.20886	1178.956	22.73316	0
107 LOUDOUN 303 - HILLS	783.0077	11.70819	31.15801	47.35416	1104.607	31.57383	0
107 LOUDOUN 305 - PHILC	424.7447	8.19573	13.18223	32.78365	516.8994	16.41839	0
107 LOUDOUN 307 - MIDC	609.4163	8.19573	10.78546	20.64156	398.8858	8.840674	0
107 LOUDOUN 308 - ST LO	583.5623	4.683274	11.98385	35.21207	453.1721	13.89249	0
107 LOUDOUN 309 - ALDIE	373.0367	8.19573	9.587079	23.06998	408.3269	8.840674	0
107 LOUDOUN 310 - MOU	991.071	21.07473	87.48209	108.0646	1289.888	27.78497	0
107 LOUDOUN 311 - ROUN	810.0928	16.39146	50.33216	69.20993	1163.614	41.67746	0
107 LOUDOUN 312 - BRIAF	1371.495	15.22064	21.57093	70.42414	749.3861	18.9443	0
107 LOUDOUN 313 - PINEF	2628.493	35.12456	68.30794	123.8493	1599.084	30.31088	0
107 LOUDOUN 314 - LEGA	2480.755	24.58719	41.94347	77.70939	1142.371	29.04793	0
107 LOUDOUN 315 - FIREF	280.7009	1.170819	8.388694	18.21314	422.4886	8.840674	0
107 LOUDOUN 316 - CREIC	2046.162	28.09964	81.49017	106.8504	1129.39	22.73316	0
107 LOUDOUN 318 - MADL	755.9225	10.53737	41.94347	67.99572	1004.295	22.73316	0
107 LOUDOUN 401 - WEST	1047.704	12.879	50.33216	106.8504	1450.387	18.9443	0
107 LOUDOUN 402 - WATF	899.9663	16.39146	26.36447	82.56623	1115.228	26.52202	0
107 LOUDOUN 403 - LUCK	1143.733	19.90391	33.55478	76.49519	1292.249	15.15544	0
107 LOUDOUN 407 - HARP	763.3094	3.512456	25.16608	38.8547	573.5459	15.15544	0
107 LOUDOUN 408 - EVER	1007.076	12.879	26.36447	58.28205	726.9636	22.73316	0
107 LOUDOUN 409 - CLAR	898.7352	12.879	35.95154	57.06784	1232.062	22.73316	0
107 LOUDOUN 411 - EAST	721.4505	15.22064	32.35639	64.35309	962.9907	20.20725	0
107 LOUDOUN 413 - TUSC	46.78348	3.512456	0	3.642628	57.82665	0	0
107 LOUDOUN 414 - RED F	784.2388	4.683274	19.17416	32.78365	477.9549	10.10363	0
107 LOUDOUN 416 - HAMF	1184.361	17.56228	50.33216	77.70939	1416.163	32.83679	0
107 LOUDOUN 420 - RIVEF	844.5649	7.024911	16.77739	33.99786	946.4688	25.25907	0
107 LOUDOUN 421 - BETM	108.3407	4.683274	7.190309	7.285256	180.5608	1.262953	0
107 LOUDOUN 422 - SYCO	867.9566	10.53737	45.53862	52.211	1176.595	23.99611	0
107 LOUDOUN 501 - WEST	1148.657	17.56228	52.72893	64.35309	823.7347	40.41451	0
107 LOUDOUN 502 - EAST	1567.246	22.24555	47.93539	87.42307	659.6958	15.15544	0

107 LOUDOUN 503 - DRY P	581.1	11.70819	32.35639	59.49626	462.6132	11.36658	0
107 LOUDOUN 504 - SMAF	1181.898	16.39146	53.92732	111.7073	781.2498	30.31088	0
107 LOUDOUN 505 - COOL	1218.833	15.22064	50.33216	98.35095	1010.196	31.57383	0
107 LOUDOUN 506 - BRAN	879.0369	24.58719	38.34831	64.35309	461.433	15.15544	0
107 LOUDOUN 507 - GREE	645.1195	8.19573	33.55478	54.63942	487.396	15.15544	0
107 LOUDOUN 508 - BALL	1270.541	21.07473	53.92732	89.85149	944.1085	34.09974	0
107 LOUDOUN 509 - TOLB	1655.889	21.07473	26.36447	66.78151	771.8087	16.41839	0
107 LOUDOUN 510 - HERI	711.6013	4.683274	26.36447	36.42628	637.2732	17.68135	0
107 LOUDOUN 615 - HILLS	1213.908	19.90391	52.72893	72.85256	827.2751	23.99611	0
107 LOUDOUN 616 - EAGL	1338.254	21.07473	39.5467	86.20886	822.5545	22.73316	0
107 LOUDOUN 617 - OAK	781.7765	9.366548	13.18223	19.42735	197.0827	5.051813	0
107 LOUDOUN 619 - RIDG	770.6962	9.366548	15.579	38.8547	286.773	8.840674	0
107 LOUDOUN 620 - RUSS	1468.755	17.56228	65.91117	81.35202	1001.935	29.04793	0
107 LOUDOUN 621 - DOM	1632.497	9.366548	65.91117	87.42307	972.4318	34.09974	0
107 LOUDOUN 622 - FARM	1558.628	12.879	39.5467	63.13888	738.7649	13.89249	0
107 LOUDOUN 623 - WELL	989.8399	7.024911	22.76931	33.99786	716.3423	12.62953	0
107 LOUDOUN 625 - MILL	494.9199	1.170819	17.97577	31.56944	408.3269	13.89249	0
107 LOUDOUN 626 - ASHB	506.0002	2.341637	10.78546	8.499465	423.6687	12.62953	0
107 LOUDOUN 627 - ASHB	1111.723	18.7331	19.17416	54.63942	505.0981	12.62953	0
107 LOUDOUN 628 - MOO	1408.429	16.39146	40.74508	80.13781	703.3608	16.41839	0
107 LOUDOUN 629 - DISC	370.5744	4.683274	5.991924	9.713674	263.1702	6.314767	0
107 LOUDOUN 701 - SULL	1337.023	17.56228	40.74508	64.35309	721.0629	21.47021	0
107 LOUDOUN 702 - PARK	1122.803	19.90391	32.35639	50.99679	595.9685	15.15544	0
107 LOUDOUN 703 - ROLL	1551.242	36.29537	37.14993	69.20993	600.689	15.15544	0
107 LOUDOUN 705 - FORE	1616.492	14.04982	47.93539	91.0657	914.6051	23.99611	0
107 LOUDOUN 707 - CLAU	1144.964	10.53737	31.15801	47.35416	496.8371	12.62953	0
107 LOUDOUN 708 - SENE	1089.563	21.07473	32.35639	46.13995	699.8204	27.78497	0
107 LOUDOUN 709 - MIRR	1444.132	24.58719	50.33216	66.78151	557.024	25.25907	0
107 LOUDOUN 710 - STER	1156.044	19.90391	29.95962	60.71046	582.987	15.15544	0
107 LOUDOUN 808 - STON	1499.534	18.7331	82.68855	125.0636	1043.24	35.36269	0
107 LOUDOUN 810 - CEDA	1364.108	15.22064	58.72086	80.13781	813.1135	36.62565	0
107 LOUDOUN 813 - SELD	1084.638	7.024911	25.16608	58.28205	617.2109	15.15544	0
107 LOUDOUN 814 - NEW	1221.295	5.854093	35.95154	44.92574	1059.762	39.15155	0
107 LOUDOUN 815 - BELM	1098.181	1.170819	32.35639	40.06891	816.6539	36.62565	0
107 LOUDOUN 817 - SAND	1538.93	33.95374	65.91117	91.0657	1147.092	54.30699	0
107 LOUDOUN 818 - BROA	1068.633	11.70819	33.55478	58.28205	711.6218	23.99611	0
107 LOUDOUN 819 - HERI	965.217	18.7331	35.95154	50.99679	739.945	15.15544	0
107 LOUDOUN 820 - BELM	1131.421	8.19573	47.93539	48.56837	744.6656	12.62953	0
107 LOUDOUN 822 - RIVE	856.8763	7.024911	19.17416	42.49733	580.6267	25.25907	0
109 LOUISA CO 101 - ZION	801.6597	10.97345	11.16438	66.80493	1077.73	17.89157	0
109 LOUISA CO 102 - MECH	401.4049	6.584071	17.86301	35.1009	582.4376	4.771084	0
109 LOUISA CO 201 - LOUI	424.4081	16.46018	15.63014	29.43946	688.3353	9.542169	0
109 LOUISA CO 202 - LOUI	384.1526	10.97345	13.39726	39.63004	677.3043	8.349398	0
109 LOUISA CO 301 - PATR	1065.046	7.681416	13.39726	49.82063	891.306	10.73494	0
109 LOUISA CO 302 - PATR	210.4788	6.584071	4.465753	13.58744	309.9715	3.578313	0
109 LOUISA CO 401 - MINE	552.0755	6.584071	15.63014	41.89462	1218.927	4.771084	0
109 LOUISA CO 402 - YANC	232.3318	15.36283	6.69863	12.45516	319.8994	3.578313	0

109	LOUISA CO 501 - FRED	263.386	5.486726	2.232877	16.9843	314.3839	3.578313	0
109	LOUISA CO 502 - CUCK	308.2422	5.486726	5.582192	32.83632	614.4275	7.156627	0
109	LOUISA CO 503 - ELK C	175.9741	4.389381	8.931507	18.11659	480.9522	1.192771	0
109	LOUISA CO 601 - BUMI	221.9804	6.584071	4.465753	23.77803	761.14	7.156627	0
109	LOUISA CO 602 - LOCU	374.9513	8.778761	14.5137	54.34978	908.9556	4.771084	0
109	LOUISA CO 701 - SHEL	427.8585	6.584071	16.74658	46.42377	1004.925	3.578313	0
109	LOUISA CO 702 - SOUT	368.0504	5.486726	12.28082	23.77803	677.3043	8.349398	0
111	LUNENBUR 101 - PLYM	182.9955	2.083333	3.428571	15.59494	481.1468	1	0
111	LUNENBUR 201 - BROV	212.9402	0	5.714286	15.59494	389.2915	3	0
111	LUNENBUR 301 - ROSE	87.61604	3.125	2.285714	5.56962	334.6157	0	0
111	LUNENBUR 302 - FLAT	188.5408	0	1.142857	7.797468	291.9686	3	0
111	LUNENBUR 401 - ARRC	60.99851	5.208333	2.285714	4.455696	234.0123	0	0
111	LUNENBUR 402 - PLEA	156.378	5.208333	4.571429	7.797468	383.8239	0	0
111	LUNENBUR 501 - REED	220.7037	0	1.142857	10.02532	177.1495	3	0
111	LUNENBUR 502 - PEOP	308.3197	3.125	6.857143	4.455696	132.3154	0	0
111	LUNENBUR 601 - HOU	476.8974	2.083333	1.142857	6.683544	296.3427	0	0
111	LUNENBUR 701 - MEH	164.1414	4.166667	2.285714	3.341772	203.3939	0	0
111	LUNENBUR 702 - VICT	167.4686	0	1.142857	6.683544	279.9399	0	0
113	MADISON (001 - OAK I	320.3312	4.777778	8.7	22.03593	453.1201	3.685714	0
113	MADISON (002 - RAD	401.2814	8.361111	13.05	30.8503	717.4402	9.828571	0
113	MADISON (003 - ROCH	157.2745	3.583333	6.525	12.11976	387.3098	2.457143	0
113	MADISON (004 - GRAV	15.0336	1.194444	1.0875	4.407186	47.46973	0	0
113	MADISON (005 - MAD	451.0079	8.361111	14.1375	41.86826	801.5911	6.142857	0
113	MADISON (006 - WOLF	237.0682	3.583333	13.05	29.7485	453.1201	1.228571	0
113	MADISON (007 - BRIG	329.5827	5.972222	21.75	23.13772	919.1865	7.371429	0
113	MADISON (008 - CRIG	204.6882	2.388889	7.6125	9.916168	387.3098	8.6	0
113	MADISON (009 - ETLA	86.73228	4.777778	1.0875	9.916168	252.4526	3.685714	0
115	MATHEWS 001 - CHES	340.2449	6.413793	12.96	45.04839	835.4127	1.214286	0
115	MATHEWS 002 - WEST	563.5306	10.68966	5.76	49.79032	1295.078	9.714286	0
115	MATHEWS 003 - PIAN	659.2245	13.89655	17.28	52.16129	1386.51	6.071429	0
117	MECKLENB 101 - WRIG	284.7152	0	0	8.365	249.0494	1.139535	0
117	MECKLENB 102 - PEAR	59.06955	0	2.16	2.39	133.0538	0	0
117	MECKLENB 103 - SOUT	536.3515	1.2	5.4	9.56	425.3172	1.139535	0
117	MECKLENB 201 - BOYD	265.813	0	1.08	11.95	244.5005	1.139535	0
117	MECKLENB 202 - BLUE	132.3158	1.2	0	3.585	84.15368	0	0
117	MECKLENB 203 - CHAS	373.3195	0	0	4.78	83.01647	4.55814	0
117	MECKLENB 301 - BRAC	292.985	1.2	4.32	19.12	831.3019	2.27907	0
117	MECKLENB 302 - LACR	339.0592	1.2	1.08	5.975	425.3172	2.27907	0
117	MECKLENB 401 - AMEF	909.6711	3.6	1.08	10.755	456.022	3.418605	0
117	MECKLENB 402 - PARK	147.6739	2.4	0	0	77.33041	2.27907	0
117	MECKLENB 501 - SOUT	701.7462	3.6	8.64	31.07	896.1229	5.697674	0
117	MECKLENB 601 - BASK	232.734	2.4	3.24	10.755	442.3754	3.418605	0
117	MECKLENB 602 - UNIO	72.06485	1.2	3.24	8.365	297.9495	0	0
117	MECKLENB 603 - SMIT	98.05545	0	0	8.365	186.5027	0	0
117	MECKLENB 604 - LAKE	129.953	0	0	4.78	252.461	1.139535	0
117	MECKLENB 701 - CHAS	302.4361	3.6	5.4	10.755	436.6894	6.837209	0
117	MECKLENB 702 - SUNS	239.8224	1.2	2.16	8.365	366.1822	2.27907	0

117 MECKLENB 801 - FINCH	102.781	0	1.08	1.195	125.0933	1.139535	0
117 MECKLENB 802 - BLUE	276.4455	0	1.08	7.17	567.4687	2.27907	0
117 MECKLENB 803 - CHAS	271.7199	2.4	3.24	14.34	341.1636	0	0
117 MECKLENB 901 - AVER	23.62782	0	0	0	191.0516	0	0
117 MECKLENB 902 - BUFF	88.60432	0	3.24	15.535	282.0285	2.27907	0
117 MECKLENB 903 - CLAR	404.0357	4.8	7.56	41.825	893.8485	5.697674	0
119 MIDDLESEY 101 - SALU	168.2712	2.129032	5.555556	16.47059	257.5246	0	0
119 MIDDLESEY 102 - URBA	244.339	5.322581	3.333333	24.70588	458.0651	2.285714	0
119 MIDDLESEY 201 - NEW	318.1017	5.322581	13.33333	25.88235	989.5521	5.714286	0
119 MIDDLESEY 302 - CHUF	482.9153	2.129032	7.777778	20	590.6629	2.285714	0
119 MIDDLESEY 401 - HARM	467.9322	6.387097	5.555556	27.05882	562.1708	1.142857	0
119 MIDDLESEY 501 - WILT	426.4407	11.70968	14.44444	25.88235	812.0245	4.571429	0
121 MONTGOM 101 - PREC	1036.975	15.74607	35.20588	97.23945	812.8389	13.21622	0
121 MONTGOM 102 - PREC	1294.841	34.64136	48.00802	131.4335	431.5203	20.92568	0
121 MONTGOM 103 - PREC	1731.23	32.54188	60.81016	137.8449	782.9316	23.12838	0
121 MONTGOM 201 - PREC	113.5052	0	2.13369	5.342827	144.1961	4.405405	0
121 MONTGOM 202 - PREC	1013.833	28.34293	36.27273	126.0907	1227.269	18.72297	0
121 MONTGOM 203 - PREC	567.5261	3.149215	30.9385	66.25105	798.9533	7.709459	0
121 MONTGOM 204 - PREC	1181.336	24.14398	64.0107	102.5823	1354.375	26.43243	0
121 MONTGOM 301 - PREC	429.7771	10.49738	20.27005	27.7827	1336.217	8.810811	0
121 MONTGOM 302 - PREC	554.3022	11.54712	27.73797	58.7711	1184.544	6.608108	0
121 MONTGOM 303 - PREC	146.565	3.149215	8.534759	25.64557	459.2914	1.101351	0
121 MONTGOM 304 - PREC	623.7278	5.248691	32.00535	73.73101	1148.228	4.405405	0
121 MONTGOM 401 - PREC	407.7372	10.49738	26.67112	51.29114	650.4847	9.912162	0
121 MONTGOM 402 - PREC	396.7173	7.348168	19.20321	55.5654	1228.337	7.709459	0
121 MONTGOM 403 - PREC	353.7396	13.6466	20.27005	33.12553	1045.689	1.101351	0
121 MONTGOM 404 - PREC	192.8487	4.198953	13.86898	25.64557	581.057	4.405405	0
121 MONTGOM 405 - PREC	724.0091	15.74607	29.87166	66.25105	1202.702	13.21622	0
121 MONTGOM 501 - PREC	1055.709	17.84555	33.07219	79.07384	970.9206	16.52027	0
121 MONTGOM 502 - PREC	490.3867	17.84555	33.07219	42.74262	764.7735	12.11486	0
121 MONTGOM 503 - PREC	1191.254	14.69634	19.20321	137.8449	543.6728	16.52027	0
121 MONTGOM 601 - PREC	1583.563	41.98953	46.94118	166.6962	620.5774	25.33108	0
121 MONTGOM 602 - PREC	1465.65	18.89529	64.0107	135.7078	608.8281	17.62162	0
121 MONTGOM 603 - PREC	377.9834	8.397906	11.73529	69.45675	280.9154	8.810811	0
121 MONTGOM 701 - PREC	1798.452	30.44241	84.28075	152.8049	791.4765	34.14189	0
121 MONTGOM 702 - PREC	1289.331	30.44241	29.87166	157.0791	489.1987	23.12838	0
125 NELSON CC 101 - ROCK	775.0093	29.45455	26.51163	61.28372	812.6934	2.55814	0
125 NELSON CC 201 - LOVI	399.6141	8.415584	11.04651	29.50698	473.7202	14.06977	0
125 NELSON CC 202 - SCHU	264.2077	4.207792	4.418605	12.48372	288.443	5.116279	0
125 NELSON CC 301 - SHIP	576.8535	7.363636	5.523256	36.31628	660.0502	5.116279	0
125 NELSON CC 302 - GLAD	94.67443	1.051948	4.418605	7.944186	116.851	5.116279	0
125 NELSON CC 401 - ROSE	524.0119	8.415584	15.46512	34.04651	825.3259	2.55814	0
125 NELSON CC 402 - MON	39.63115	0	2.209302	3.404651	81.05879	1.27907	0
125 NELSON CC 501 - FABE	295.0319	9.467532	6.627907	18.15814	310.5499	5.116279	0
125 NELSON CC 502 - NELL	719.966	12.62338	18.77907	40.85581	585.3077	14.06977	0
127 NEW KENT 102 - TUNS	149.4354	1.019608	4.533333	15.51592	494.2417	0	0
127 NEW KENT 103 - SOUT	397.7452	6.117647	10.2	48.76433	1326.197	15.4375	0

127	NEW KENT 201 - QUIN	566.2814	4.078431	23.8	58.73885	1038.872	20.1875	0
127	NEW KENT 202 - KENT	214.6027	6.117647	9.066667	32.14013	736.538	7.125	0
127	NEW KENT 301 - WATI	433.6996	3.058824	7.933333	22.16561	571.4334	10.6875	0
127	NEW KENT 302 - CUMI	416.846	10.19608	14.73333	41.00637	835.1719	3.5625	0
127	NEW KENT 401 - PROV	567.4049	6.117647	13.6	43.22293	1077.468	10.6875	0
127	NEW KENT 403 - MOU	210.1084	3.058824	3.4	29.92357	486.7369	3.5625	0
127	NEW KENT 501 - ELTH	303.365	8.156863	5.666667	27.70701	608.9572	1.1875	0
127	NEW KENT 502 - CHIC	286.5114	4.078431	9.066667	28.81529	942.3827	3.5625	0
131	NORTHAM 101 - PREC	662.3415	12.94118	13.56667	32.34615	724.0926	8.580645	0
131	NORTHAM 201 - PREC	808.6463	9.411765	6.166667	22.30769	367.2765	3.677419	0
131	NORTHAM 301 - PREC	725.8537	2.352941	2.466667	14.5	333.5707	9.806452	0
131	NORTHAM 401 - PREC	518.3049	8.235294	2.466667	18.96154	627.6244	6.129032	0
131	NORTHAM 501 - PREC	539.8537	7.058824	12.33333	27.88462	633.4357	9.806452	0
133	NORTHUM 101 - 1A	466.1163	8.842105	7.595745	21.93548	730.1044	2.482759	0
133	NORTHUM 201 - 2A	467.245	4.421053	17.3617	21.93548	955.8752	8.689655	0
133	NORTHUM 301 - 3A	558.6624	2.210526	4.340426	8.774194	258.3446	0	0
133	NORTHUM 302 - 3B	322.7827	0	0	2.193548	88.73577	1.241379	0
133	NORTHUM 401 - 4A	542.8619	1.105263	14.10638	53.74194	1146.826	12.41379	0
133	NORTHUM 501 - 5A	494.3316	4.421053	7.595745	27.41935	1122.114	11.17241	0
135	NOTTOWA 101 - PREC	289.8702	3.26087	7	13.78218	495.7653	0	0
135	NOTTOWA 102 - PREC	199.1474	2.173913	2	5.742574	394.7971	2.571429	0
135	NOTTOWA 201 - PREC	365.1036	8.695652	7	13.78218	636.4401	9	0
135	NOTTOWA 202 - PREC	95.14822	0	3	11.48515	342.6112	5.142857	0
135	NOTTOWA 301 - PREC	410.465	1.086957	2	8.039604	235.9707	0	0
135	NOTTOWA 302 - PREC	174.8072	1.086957	3	5.742574	264.3325	0	0
135	NOTTOWA 401 - PREC	533.2726	2.173913	0	9.188119	158.8264	1.285714	0
135	NOTTOWA 402 - PREC	217.9558	4.347826	2	13.78218	454.9242	1.285714	0
135	NOTTOWA 501 - PREC	543.23	2.173913	9	34.45545	728.3325	7.714286	0
137	ORANGE C101 - ONE	638.49	9.577982	17.56579	43.71067	1068.303	14.31325	0
137	ORANGE C102 - ONE	676.5754	21.2844	22.25	51.55618	879.2704	9.542169	0
137	ORANGE C1201 - TWO	513.0323	8.513761	14.05263	24.6573	1195.765	10.73494	0
137	ORANGE C1202 - TWO	388.6948	9.577982	5.855263	31.38202	1110.43	5.963855	0
137	ORANGE C1301 - THRE	957.7351	14.89908	15.22368	56.03933	1082.345	16.6988	0
137	ORANGE C1302 - THRE	229.6324	5.321101	8.197368	12.32865	411.5504	1.192771	0
137	ORANGE C1401 - FOUR	394.2956	4.256881	18.73684	31.38202	1292.981	8.349398	0
137	ORANGE C1402 - FOUR	637.3699	18.09174	19.90789	67.24719	959.2041	9.542169	0
137	ORANGE C1501 - FIVE	741.5446	15.9633	25.76316	38.10674	1149.317	9.542169	0
137	ORANGE C1502 - FIVE	779.6299	8.513761	30.44737	42.58989	1371.835	13.12048	0
139	PAGE COUI101 - WEST	620.6109	5.428571	27.87952	50.3027	1377.785	14.21875	0
139	PAGE COUI201 - EAST	635.8047	9.771429	22.51807	52.44324	1572.623	30.625	0
139	PAGE COUI301 - MARI	474.516	10.85714	15.01205	35.31892	1787.802	12.03125	0
139	PAGE COUI401 - NEWI	399.7155	2.171429	9.650602	32.10811	1387.42	4.375	0
139	PAGE COUI501 - SHEN	383.3529	9.771429	13.93976	27.82703	1705.37	8.75	0
141	PATRICK C101 - ARAR	129.2264	2.227273	3.491803	11.05263	406.1504	1.090909	0
141	PATRICK C102 - CLAU	82.33894	1.113636	2.327869	7.736842	412.6488	0	0
141	PATRICK C103 - WILLI	102.9237	1.113636	3.491803	5.526316	416.981	0	0
141	PATRICK C1201 - DRY F	50.31824	1.113636	0	8.842105	264.2685	1.090909	0

141	PATRICK C(202 - PATR	187.5498	4.454545	8.147541	14.36842	693.1633	3.272727	0
141	PATRICK C(203 - RUSS	136.088	2.227273	12.80328	5.526316	543.6999	1.090909	0
141	PATRICK C(301 - CRITZ	269.8887	3.340909	13.96721	8.842105	770.0611	4.363636	0
141	PATRICK C(302 - LIBER	75.47736	6.681818	4.655738	15.47368	554.5306	1.090909	0
141	PATRICK C(401 - MEAL	189.837	3.340909	5.819672	18.78947	466.8021	2.181818	0
141	PATRICK C(402 - STUA	189.837	10.02273	5.819672	17.68421	637.9268	4.363636	0
141	PATRICK C(501 - STUA	77.76455	0	3.491803	11.05263	283.7637	0	0
141	PATRICK C(502 - ELAM	124.652	6.681818	4.655738	9.947368	460.3037	14.18182	0
141	PATRICK C(503 - WOO	152.0983	6.681818	2.327869	12.15789	543.6999	3.272727	0
143	PITTSYLVIAI 103 - TWIN	404.7191	3.278351	18.76503	52.4596	1987.448	9.047619	0
143	PITTSYLVIAI 105 - CHAT	217.9257	8.742268	8.830601	23.43939	608.2697	5.654762	0
143	PITTSYLVIAI 106 - TUNS	208.7013	4.371134	7.726776	13.39394	829.4587	4.52381	0
143	PITTSYLVIAI 108 - WEST	174.1099	2.185567	4.415301	10.04545	434.7882	0	0
143	PITTSYLVIAI 201 - CALL	208.7013	0	6.622951	6.69697	693.9263	2.261905	0
143	PITTSYLVIAI 202- BEARS	88.78453	1.092784	2.20765	0	179.9871	0	0
143	PITTSYLVIAI 204 - SAND	141.8246	2.185567	6.622951	13.39394	452.1363	3.392857	0
143	PITTSYLVIAI 206 - CLIM	136.0594	4.371134	3.311475	6.69697	529.1188	2.261905	0
143	PITTSYLVIAI 207 - GRET	400.1069	4.371134	5.519126	21.20707	1265.331	3.392857	0
143	PITTSYLVIAI 301 - CENT	506.1871	0	5.519126	13.39394	317.6881	2.261905	0
143	PITTSYLVIAI 305 - RICEV	435.8513	2.185567	3.311475	6.69697	315.5196	2.261905	0
143	PITTSYLVIAI 307 - EAST	802.5199	6.556701	2.20765	7.813131	252.6325	0	0
143	PITTSYLVIAI 308 - MT A	262.8945	2.185567	8.830601	7.813131	196.251	0	0
143	PITTSYLVIAI 309 - EAST	281.3432	3.278351	2.20765	7.813131	272.1492	2.261905	0
143	PITTSYLVIAI 402 - KEELI	175.263	2.185567	5.519126	12.27778	781.7513	1.130952	0
143	PITTSYLVIAI 404 - KENT	426.627	8.742268	9.934426	31.25253	1372.673	3.392857	0
143	PITTSYLVIAI 405 - RINGI	561.5333	5.463918	7.726776	21.20707	1365.083	3.392857	0
143	PITTSYLVIAI 501 - HURT	449.6879	7.649485	14.34973	18.97475	1064.743	4.52381	0
143	PITTSYLVIAI 502 - MOTI	499.2689	6.556701	15.45355	25.67172	1125.462	10.17857	0
143	PITTSYLVIAI 503 - RENA	254.8231	3.278351	6.622951	15.62626	621.2808	5.654762	0
143	PITTSYLVIAI 603 - STON	303.2511	3.278351	3.311475	14.5101	935.7162	4.52381	0
143	PITTSYLVIAI 604 - SWAI	348.2199	3.278351	7.726776	11.16162	649.4716	2.261905	0
143	PITTSYLVIAI 605 - WHIT	265.2006	2.185567	2.20765	13.39394	684.1679	2.261905	0
143	PITTSYLVIAI 606 - BROS	490.0445	1.092784	5.519126	11.16162	496.591	4.52381	0
143	PITTSYLVIAI 607 - DRY F	94.54976	1.092784	1.103825	5.580808	352.3844	0	0
143	PITTSYLVIAI 702 - BACH	207.5483	5.463918	4.415301	22.32323	1165.579	3.392857	0
143	PITTSYLVIAI 703 - FERR'	106.0802	1.092784	3.311475	1.116162	207.0936	2.261905	0
143	PITTSYLVIAI 704 - MT H	569.6047	5.463918	24.28415	30.13636	1616.631	7.916667	0
143	PITTSYLVIAI 705 - MT C	177.5691	4.371134	4.415301	16.74242	780.667	2.261905	0
145	POWHATAI 101 - SUBL	434.0236	10.26563	19.59542	78.90261	1376.98	16.38356	0
145	POWHATAI 102 - MAN.	336.055	1.140625	6.916031	47.78609	880.0087	6.30137	0
145	POWHATAI 103 - FLAT	225.5556	10.26563	16.1374	32.22783	810.5629	6.30137	0
145	POWHATAI 201 - POW	256.3131	10.26563	11.52672	58.89913	1157.792	17.64384	0
145	POWHATAI 202 - GRAC	430.6061	11.40625	16.1374	70.01217	1408.448	6.30137	0
145	POWHATAI 301 - BETH	385.0393	4.5625	9.221374	62.23304	1137.175	6.30137	0
145	POWHATAI 302 - LEE'S	295.0449	5.703125	4.610687	54.45391	862.6472	1.260274	0
145	POWHATAI 401 - POW	500.0954	6.84375	23.05344	116.687	1817.527	8.821918	0
145	POWHATAI 402 - MT ZI	218.7205	5.703125	13.83206	31.11652	665.1607	8.821918	0

145	POWHATA|501 - SMIT|	553.6364	5.703125	14.98473	40.00696	807.3076	5.041096	0
145	POWHATA|502 - PINE\	290.4882	1.140625	13.83206	27.78261	428.6109	5.041096	0
145	POWHATA|503 - TOBA	134.422	0	1.152672	18.89217	532.7796	3.780822	0
147	PRINCE ED|101 - FARM	584.2894	10.6	14.35065	48.56604	509.7474	2.571429	0
147	PRINCE ED|201 - LOCK	623.242	6.36	24.28571	23.7434	744.3408	2.571429	0
147	PRINCE ED|301 - LEIGH	427.3969	4.24	3.311688	25.90189	389.162	2.571429	0
147	PRINCE ED|302 - MT P	256.4381	1.06	4.415584	5.396226	188.5517	1.285714	0
147	PRINCE ED|401 - HAM|	460.9394	1.06	6.623377	23.7434	462.6095	6.428571	0
147	PRINCE ED|501 - DARL	246.7	2.12	2.207792	15.10943	400.1243	2.571429	0
147	PRINCE ED|502 - BUFF.	166.6307	2.12	7.727273	12.95094	235.6897	0	0
147	PRINCE ED|601 - PROS	754.1662	9.54	6.623377	28.06038	523.9984	2.571429	0
147	PRINCE ED|701 - WEST	544.2548	8.48	9.935065	63.67547	481.2454	3.857143	0
147	PRINCE ED|801 - CENT	526.9425	7.42	5.519481	38.85283	165.5309	2.571429	0
149	PRINCE GE|101 - RICH/	323.965	3.442623	10.38462	33.78816	614.8047	4.888889	0
149	PRINCE GE|102 - TEMF	683.4006	3.442623	21.92308	66.41121	1986.896	6.111111	0
149	PRINCE GE|103 - UNIO	734.2418	6.885246	15	34.95327	965.9614	6.111111	0
149	PRINCE GE|104 - RIVES	686.9477	6.885246	2.307692	36.11838	514.955	0	0
149	PRINCE GE|105 - HARR	159.6178	3.442623	3.461538	9.320872	471.2007	2.444444	0
149	PRINCE GE|201 - BLAN	866.6655	4.590164	9.230769	64.081	1511.208	1.222222	0
149	PRINCE GE|202 - BLAC	526.1475	9.180328	16.15385	37.28349	1140.979	4.888889	0
149	PRINCE GE|203 - BRAN	216.3708	1.147541	3.461538	11.65109	464.4692	0	0
149	PRINCE GE|204 - COUF	1112.595	18.36066	27.69231	46.60436	961.4738	9.777778	0
149	PRINCE GE|205 - JEFFE	1109.048	12.62295	10.38462	33.78816	525.0522	8.555556	0
153	PRINCE WI 101 - BREN	526.4811	10.79667	36.44043	69.9741	1429.598	18.5677	0
153	PRINCE WI 102 - CEDA	1566.013	29.99076	59.86643	125.6942	1562.465	39.78793	0
153	PRINCE WI 103 - GLEN	1069.079	15.59519	52.05776	50.53685	1115.316	15.91517	0
153	PRINCE WI 104 - NOKE	848.8165	15.59519	26.02888	71.26992	1383.606	31.83034	0
153	PRINCE WI 105 - LIME'	1500.203	19.19409	58.56498	95.89044	1375.94	26.52529	0
153	PRINCE WI 106 - WEST	1345.75	26.39187	24.72744	50.53685	413.9319	13.26264	0
153	PRINCE WI 107 - MAR'	1741.954	16.79482	36.44043	92.00299	1474.313	41.11419	0
153	PRINCE WI 108 - VICTC	1709.721	13.19593	70.27798	93.2988	1294.176	50.39804	0
153	PRINCE WI 109 - PINE\	1424.991	20.39372	41.64621	85.5239	990.1148	15.91517	0
153	PRINCE WI 110 - BUCK	1088.367	8.027586	37.07879	39.16012	860.3223	10.78049	0
153	PRINCE WI 111 - BRIST	1754.042	25.19224	76.7852	125.6942	1658.283	33.15661	0
153	PRINCE WI 112 - BURK	1256.288	27.95825	25.36579	72.36256	1203.918	19.50711	0
153	PRINCE WI 201 - SAUN	1294.901	14.4	26.96094	54.3699	527.8444	12.00615	0
153	PRINCE WI 202 - MAR'	1048.933	17.99445	36.44043	93.2988	1352.944	22.54649	0
153	PRINCE WI 203 - BENN	1243.677	17.99445	45.55054	92.00299	1220.077	29.17781	0
153	PRINCE WI 204 - ELLIS	1187.269	23.99261	27.33032	64.79084	843.1945	30.50408	0
153	PRINCE WI 205 - BUCK	1135.826	10.70345	47.74737	89.72957	1172.51	17.88152	0
153	PRINCE WI 206 - COLE	735.9991	21.59335	27.33032	58.31175	1010.556	11.93638	0
153	PRINCE WI 207 - SPRIC	1784.932	22.79298	42.94765	81.63645	1094.875	31.83034	0
153	PRINCE WI 208 - HYLTI	656.7583	11.9963	23.42599	46.6494	1023.332	7.957586	0
153	PRINCE WI 209 - INDEI	535.8826	13.19593	23.42599	42.76195	1103.818	21.22023	0
153	PRINCE WI 210 - PENN	895.4274	9.597043	33.81996	71.11292	1099.579	17.24144	0
153	PRINCE WI 211 - SIGN/	922.5751	9.365517	37.30263	56.44279	998.0383	16.25592	0
153	PRINCE WI 212 - YORK	2247.453	22.74483	52.22368	115.7801	1236.089	32.51185	0

153	PRINCE WI 213 - SARA	962.977	10.79667	13.01444	32.39542	412.6543	9.28385	0
153	PRINCE WI 214 - LUCA	500.9629	15.59519	16.91877	69.9741	899.4075	10.61011	0
153	PRINCE WI 215 - ROSA	1151.766	10.8	26.96094	41.72574	574.5334	10.67213	0
153	PRINCE WI 301 - DUM	1380.514	22.8	17.97396	51.84107	415.0128	25.34631	0
153	PRINCE WI 302 - POTC	2382.457	15.6	32.09635	54.3699	512.2815	25.34631	0
153	PRINCE WI 303 - GRAF	995.2544	13.2	21.82552	22.75949	320.338	14.67418	0
153	PRINCE WI 304 - QUAI	239.0654	2.399261	5.205776	19.43725	249.1257	2.652529	0
153	PRINCE WI 305 - PATT	1185.926	20.39372	49.45487	64.79084	905.7954	26.52529	0
153	PRINCE WI 306 - WASI	1255.765	17.99445	29.93321	44.05777	937.7345	30.50408	0
153	PRINCE WI 307 - HENC	983.1229	17.99445	32.5361	69.9741	867.4683	27.85155	0
153	PRINCE WI 308 - MON	668.8459	4.798521	49.45487	37.57869	603.0119	17.24144	0
153	PRINCE WI 309 - ASHL	875.6778	9.597043	40.34477	53.12849	717.9929	25.19902	0
153	PRINCE WI 310 - FORE	1300.086	16.79482	29.93321	37.57869	548.0765	10.61011	0
153	PRINCE WI 311 - SWAI	2026.627	18	37.23177	56.89873	640.6761	21.34426	0
153	PRINCE WI 312 - TRIA	1579.898	14.39889	29.56383	54.74671	653.0267	14.64317	0
153	PRINCE WI 313 - CARD	953.5755	14.39556	26.02888	41.46614	461.2019	3.978793	0
153	PRINCE WI 314 - CABI	958.9478	11.9963	36.44043	44.05777	594.0689	10.61011	0
153	PRINCE WI 401 - EVER	918.0378	12.04138	40.28684	107.0966	1469.704	24.38389	0
153	PRINCE WI 402 - BATT	840.9045	13.37931	59.68421	52.10104	1357.332	39.01422	0
153	PRINCE WI 403 - BULL	1022.395	5.351724	28.35	59.3373	907.8452	21.1327	0
153	PRINCE WI 404 - BEN I	1473.341	33.58965	31.23466	112.7361	684.7762	26.52529	0
153	PRINCE WI 405 - UNIT	1743.297	25.19224	50.75632	97.18625	785.704	19.89396	0
153	PRINCE WI 406 - ALVE	338.7817	4.013793	16.41316	7.236256	375.5581	4.876777	0
153	PRINCE WI 407 - HERI	1146.413	4.013793	25.36579	43.41753	1407.604	35.76303	0
153	PRINCE WI 408 - SUDL	871.6486	14.39556	37.74188	60.90339	675.8332	11.93638	0
153	PRINCE WI 409 - TYLEF	1541.154	25.42069	41.77895	99.86033	1218.346	22.75829	0
153	PRINCE WI 410 - MOU	1150.95	18.73103	38.79474	65.1263	1330.718	26.00948	0
153	PRINCE WI 411 - MULL	1647.94	20.39372	29.93321	68.67829	534.0232	10.61011	0
153	PRINCE WI 412 - CATH	606.4797	8.027586	32.82632	40.52303	1015.781	6.50237	0
153	PRINCE WI 413 - REAG	1105.578	14.71724	61.17632	85.38782	1389.861	37.38863	0
153	PRINCE WI 501 - LAKE	1112.057	14.39556	40.34477	55.72012	733.3237	15.91517	0
153	PRINCE WI 502 - OCCC	893.5886	13.2	33.38021	51.84107	530.4383	17.34221	0
153	PRINCE WI 503 - OLD F	1252.094	10.8	30.8125	56.89873	437.0604	17.34221	0
153	PRINCE WI 504 - ROCK	856.1328	10.8	26.96094	45.51899	505.7969	17.34221	0
153	PRINCE WI 505 - MOH	1206.072	22.79298	42.94765	67.38247	729.491	18.5677	0
153	PRINCE WI 506 - BETH	1745.708	28.8	42.36719	59.42757	842.9948	26.68033	0
153	PRINCE WI 507 - CHIN	1197.248	16.8	34.66406	48.04782	609.5501	32.01639	0
153	PRINCE WI 508 - SPRIN	1011.327	11.9963	40.34477	49.24104	407.544	18.5677	0
153	PRINCE WI 509 - MC C	934.7726	10.79667	40.34477	72.56574	1076.989	15.91517	0
153	PRINCE WI 510 - YATE	662.4392	10.70345	34.31842	52.10104	928.5453	30.88626	0
153	PRINCE WI 511 - WEST	1214.13	15.59519	42.94765	71.26992	793.3694	29.17781	0
153	PRINCE WI 512 - YORK	1676.148	20.4	33.38021	54.3699	421.4974	9.338115	0
153	PRINCE WI 513 - LYNN	1135.714	27.6	60.34115	59.42757	874.1208	38.68648	0
153	PRINCE WI 514 - ANTI	1427.334	24	47.5026	101.1533	741.8354	30.68238	0
153	PRINCE WI 601 - DALE	1454.088	18	24.39323	45.51899	383.8869	18.67623	0
153	PRINCE WI 602 - BEVIL	2054.719	14.4	20.54167	55.63432	682.1773	18.67623	0
153	PRINCE WI 603 - HAMI	1272.16	10.8	15.40625	35.40366	290.509	12.00615	0

153 PRINCE WI 604 - GIDEI	1361.786	16.8	19.25781	35.40366	402.0437	8.004098	0
153 PRINCE WI 605 - MINN	1313.629	25.2	29.52865	58.16315	578.4241	12.00615	0
153 PRINCE WI 606 - BEL A	1316.304	14.4	15.40625	53.10549	608.2532	13.34016	0
153 PRINCE WI 607 - KERR	1641.367	32.4	32.09635	53.10549	600.4717	12.00615	0
153 PRINCE WI 608 - ENTE	1435.36	7.2	16.6901	44.25457	521.3599	14.67418	0
153 PRINCE WI 609 - KING	1617.288	9.6	32.09635	69.5429	700.3341	22.65502	0
153 PRINCE WI 610 - FITZG	1553.078	15.6	17.97396	41.72574	504.5	13.34016	0
153 PRINCE WI 611 - NEAB	1163.806	13.2	10.27083	25.28833	370.9177	14.67418	0
153 PRINCE WI 701 - BELM	1357.773	18	23.10938	48.04782	778.149	12.00615	0
153 PRINCE WI 702 - LIBRA	1538.364	28.8	32.09635	54.3699	435.7635	18.67623	0
153 PRINCE WI 703 - LYNN	1104.946	14.4	19.25781	32.87482	232.1478	12.00615	0
153 PRINCE WI 704 - PORT	1645.38	19.2	8.986979	51.84107	348.8702	21.34426	0
153 PRINCE WI 705 - POTC	898.9394	10.8	7.703125	21.49508	496.7185	10.67213	0
153 PRINCE WI 706 - RIPP	1511.609	14.4	20.54167	53.10549	664.0205	10.67213	0
153 PRINCE WI 707 - KILBY	1308.278	14.4	32.09635	20.23066	468.1863	17.34221	0
153 PRINCE WI 708 - RIVEF	1686.849	15.6	21.82552	40.46132	356.6516	13.34016	0
153 PRINCE WI 709 - FREEI	1751.059	13.2	17.97396	39.19691	313.8534	5.336066	0
153 PRINCE WI 710 - POW	1488.868	37.2	23.10938	29.08158	296.9936	14.67418	0
153 PRINCE WI 711 - GRAY	1835.335	22.8	14.1224	45.51899	469.4833	30.68238	0
153 PRINCE WI 712 - LEESY	1178.52	9.6	30.8125	40.46132	674.3958	20.01025	0
155 PULASKI CC 101 - BELSF	172.4515	6.42	8.603774	4.346749	449.4789	2.444444	0
155 PULASKI CC 102 - NEW	713.0207	22.47	27.96226	53.24768	1072.984	4.888889	0
155 PULASKI CC 103 - WEST	261.9936	6.42	9.679245	20.64706	753.758	3.666667	0
155 PULASKI CC 201 - DRAP	263.0991	6.42	12.90566	15.21362	805.005	4.888889	0
155 PULASKI CC 202 - SOUT	76.27663	0	2.150943	4.346749	180.4321	0	0
155 PULASKI CC 203 - NEWI	515.1436	13.91	21.50943	41.29412	1191.493	8.555556	0
155 PULASKI CC 301 - DUBL	414.5469	3.21	20.43396	33.68731	1213.913	6.111111	0
155 PULASKI CC 302 - HIWA	64.11659	4.28	3.226415	5.433437	298.9408	0	0
155 PULASKI CC 304 - SNOV	222.1971	5.35	7.528302	22.82043	691.8345	2.444444	0
155 PULASKI CC 401 - MASS	594.7366	10.7	29.03774	55.42105	1504.313	7.333333	0
155 PULASKI CC 402 - WALH	134.8659	0	7.528302	14.12693	590.4082	0	0
155 PULASKI CC 501 - ROBII	739.5517	27.82	20.43396	80.41486	1569.439	3.666667	0
157 RAPPAHAN 101 - WASI	433.1701	4.363636	6.631579	11.89535	509.7194	9.904762	0
157 RAPPAHAN 201 - AMIS	281.6202	3.272727	5.526316	32.44186	606.7581	0	0
157 RAPPAHAN 301 - SPERI	405.724	7.636364	7.736842	15.13953	423.3444	7.428571	0
157 RAPPAHAN 401 - SCRA	316.2261	8.727273	5.526316	14.05814	443.6052	1.238095	0
157 RAPPAHAN 501 - CHES	91.88456	3.272727	6.631579	10.81395	298.5804	1.238095	0
157 RAPPAHAN 502 - FLINT	218.375	8.727273	9.947368	8.651163	256.9924	6.190476	0
159 RICHMOND 101 - PREC	499.1311	3.25	3.5	4.851064	288.3247	3.75	0
159 RICHMOND 201 - PREC	217.9612	5.416667	3.5	16.97872	489.5066	0	0
159 RICHMOND 301 - PREC	215.7816	2.166667	4.666667	14.55319	388.3777	3.75	0
159 RICHMOND 401 - PREC	215.7816	1.083333	3.5	10.91489	534.6918	1.25	0
159 RICHMOND 501 - PREC	198.3447	1.083333	5.833333	9.702128	512.0992	1.25	0
161 ROANOKE 101 - CATA	145.9008	2.271186	5.416667	23.30056	454.7985	3.537313	0
161 ROANOKE 102 - MASC	132.4331	1.135593	5.416667	26.62921	421.5467	7.074627	0
161 ROANOKE 103 - GLEN	441.0694	10.22034	15.16667	38.83427	1021.151	8.253731	0
161 ROANOKE 104 - NORT	485.962	7.949153	9.75	31.06742	661.8176	8.253731	0

161	ROANOKE (105 - PETE)	781.1306	11.35593	30.33333	78.77809	1470.587	23.58209	0
161	ROANOKE (106 - GREE	677.8777	9.084746	35.75	59.91573	1490.967	7.074627	0
161	ROANOKE (107 - BENN	173.9587	5.677966	6.5	25.51966	593.1688	1.179104	0
161	ROANOKE (108 - WILD	329.9603	6.813559	11.91667	42.16292	789.4615	5.895522	0
161	ROANOKE (201 - PLAN	528.6021	8.504854	28.63291	55.78324	985.7701	5.828877	0
161	ROANOKE (202 - BURL	440.692	13.82039	22.02532	33.46995	592.3412	6.994652	0
161	ROANOKE (203 - MOU	740.9562	4.252427	36.34177	68.05556	1562.726	3.497326	0
161	ROANOKE (204 - BOTE	739.605	7.949153	27.08333	53.25843	1041.531	9.432836	0
161	ROANOKE (205 - ORCH	748.9481	8.504854	42.94937	60.2459	1735.263	4.663102	0
161	ROANOKE (206 - HOLL	403.0163	6.378641	12.11392	22.3133	500.0283	4.663102	0
161	ROANOKE (301 - BENT	166.1025	4.542373	8.666667	15.53371	353.9705	4.716418	0
161	ROANOKE (302 - POAC	747.8064	13.82039	30.83544	87.02186	1616.575	13.9893	0
161	ROANOKE (303 - WINC	563.9944	3.18932	26.43038	50.20492	795.6494	2.331551	0
161	ROANOKE (304 - OAK (	936.1851	10.63107	30.83544	75.86521	1390.189	20.98396	0
161	ROANOKE (305 - CASTI	1059.488	14.8835	38.5443	112.6821	1504.481	22.14973	0
161	ROANOKE (306 - GARS	554.8609	10.63107	18.72152	51.32058	598.935	11.65775	0
161	ROANOKE (402 - BONS	151.8447	3.18932	7.708861	11.15665	360.46	3.497326	0
161	ROANOKE (403 - NORI	488.643	10.63107	19.82278	58.01457	1033.025	9.326203	0
161	ROANOKE (404 - SOUT	642.771	14.8835	7.708861	47.97359	1194.573	10.49198	0
161	ROANOKE (405 - LINDI	844.85	4.252427	22.02532	79.2122	1988.025	12.82353	0
161	ROANOKE (406 - MOU	535.4522	17.00971	27.53165	62.47723	1434.147	9.326203	0
161	ROANOKE (501 - COTT	492.068	9.567961	25.32911	39.04827	790.1546	15.15508	0
161	ROANOKE (502 - PENN	442.9754	8.504854	18.72152	39.04827	703.3365	5.828877	0
161	ROANOKE (503 - CAVE	553.7192	6.378641	29.73418	44.62659	913.2385	12.82353	0
161	ROANOKE (504 - OGD	647.3377	15.9466	24.22785	75.86521	674.7635	13.9893	0
161	ROANOKE (505 - CLEA	311.6811	5.315534	6.607595	29.00729	787.9567	3.497326	0
161	ROANOKE (506 - MOU	473.801	10.63107	15.41772	52.43625	690.1489	6.994652	0
161	ROANOKE (507 - HUN	816.3077	18.07282	29.73418	69.17122	1257.214	17.48663	0
163	ROCKBRID (101 - AIRP	388.3978	1.1	15.96	35.39592	492.5048	11	0
163	ROCKBRID (102 - BEN	232.5871	5.5	17.1	12.16735	434.4366	8.555556	0
163	ROCKBRID (103 - PLAN	101.6157	2.2	4.56	12.16735	251.6291	0	0
163	ROCKBRID (104 - EFFIN	112.9063	7.7	6.84	8.84898	278.5126	4.888889	0
163	ROCKBRID (201 - COLLI	252.9102	3.3	12.54	15.48571	382.8203	12.22222	0
163	ROCKBRID (202 - HIGH	456.1416	3.3	28.5	28.75918	706.4971	9.777778	0
163	ROCKBRID (203 - VO-TI	188.5536	1.1	5.7	14.37959	149.472	1.222222	0
163	ROCKBRID (301 - MAU	224.6836	2.2	7.98	8.84898	400.0258	2.444444	0
163	ROCKBRID (302 - NATL	189.6827	4.4	5.7	27.65306	476.3748	4.888889	0
163	ROCKBRID (303 - FALLI	82.42163	0	5.7	9.955102	232.273	3.666667	0
163	ROCKBRID (401 - FAIRF	204.3605	8.8	4.56	13.27347	477.4501	3.666667	0
163	ROCKBRID (402 - MOU	246.1358	5.5	12.54	23.22857	722.6272	9.777778	0
163	ROCKBRID (403 - VESU	85.80882	3.3	7.98	3.318367	262.3825	3.666667	0
163	ROCKBRID (501 - GOSH	67.7438	3.3	6.84	3.318367	292.492	2.444444	0
163	ROCKBRID (502 - MEA	275.4915	4.4	13.68	23.22857	340.8822	11	0
163	ROCKBRID (503 - ROCK	158.0689	3.3	1.14	7.742857	279.5879	4.888889	0
163	ROCKBRID (504 - ROCK	240.4905	6.6	13.68	23.22857	500.0322	4.888889	0
165	ROCKINGH 101 - BROA	471.8612	9.699482	25.37262	72.83213	1288.778	10.82888	0
165	ROCKINGH 102 - TIMB	255.9625	9.699482	12.68631	39.2173	699.5919	3.609626	0

165 ROCKINGH 103 - FULK'	132.4327	4.310881	11.62912	20.1689	866.2626	3.609626	0
165 ROCKINGH 104 - BERG	46.74097	1.07772	1.057192	8.963955	299.3701	3.609626	0
165 ROCKINGH 105 - LACE'	124.6426	2.15544	14.80069	23.53038	675.1752	2.406417	0
165 ROCKINGH 106 - TENT	149.126	3.233161	14.80069	23.53038	558.3996	4.812834	0
165 ROCKINGH 107 - PLAIN	164.7063	1.07772	14.80069	26.89186	655.0049	6.016043	0
165 ROCKINGH 108 - LITTL	114.6267	0	19.02946	11.20494	454.3632	4.812834	0
165 ROCKINGH 201 - SINGI	240.3821	6.466321	15.85789	35.85582	877.9401	9.625668	0
165 ROCKINGH 202 - EDON	546.4242	16.1658	25.37262	62.74768	1194.296	12.03209	0
165 ROCKINGH 203 - DAYT	258.1882	6.466321	17.97227	34.73532	516.9974	2.406417	0
165 ROCKINGH 204 - MT C	288.236	5.388601	20.08666	32.49434	955.4366	12.03209	0
165 ROCKINGH 205 - SILVE	534.1825	10.7772	49.68804	51.54274	1023.379	7.219251	0
165 ROCKINGH 301 - KEEZI	221.4632	4.310881	10.57192	38.09681	622.0954	10.82888	0
165 ROCKINGH 302 - PORT	317.1709	3.233161	15.85789	34.73532	1049.919	7.219251	0
165 ROCKINGH 303 - MELR	149.126	5.388601	13.7435	19.0484	559.4612	1.203209	0
165 ROCKINGH 304 - GROT	289.3489	3.233161	16.91508	30.25335	971.3606	4.812834	0
165 ROCKINGH 305 - MASS	653.2607	11.85492	32.77296	60.50669	900.2336	9.625668	0
165 ROCKINGH 306 - CROS	105.7236	5.388601	8.457539	11.20494	330.1564	10.82888	0
165 ROCKINGH 307 - CROS	762.323	10.7772	35.94454	68.35015	1125.292	16.84492	0
165 ROCKINGH 401 - BRID	900.3201	23.70984	60.25997	72.83213	1494.728	16.84492	0
165 ROCKINGH 402 - MON	300.4777	4.310881	26.42981	30.25335	949.0671	9.625668	0
165 ROCKINGH 403 - MT C	62.32129	3.233161	7.400347	8.963955	136.9459	0	0
165 ROCKINGH 404 - NOR	357.2346	8.621762	29.60139	33.61483	938.4511	4.812834	0
165 ROCKINGH 405 - OTTC	212.5601	7.544041	12.68631	30.25335	1304.702	10.82888	0
165 ROCKINGH 501 - ELKT	334.9769	4.310881	15.85789	39.2173	1010.64	9.625668	0
165 ROCKINGH 502 - SWIF	280.4458	11.85492	14.80069	29.13285	1632.735	6.016043	0
165 ROCKINGH 503 - MCG	409.5399	7.544041	28.54419	69.47065	1232.513	7.219251	0
165 ROCKINGH 504 - SOUT	149.126	0	8.457539	21.28939	722.9471	7.219251	0
165 ROCKINGH 505 - STON	533.0696	16.1658	28.54419	47.06076	943.7591	8.42246	0
167 RUSSELL C(101 - MOC	129.1213	2	8.489796	8.685714	713.012	6.615385	0
167 RUSSELL C(102 - COPP	123.305	4	4.244898	10.85714	571.2818	1.102564	0
167 RUSSELL C(103 - SOUT	100.0399	4	2.122449	11.94286	401.2055	0	0
167 RUSSELL C(201 - NOR	307.0994	4	11.67347	24.97143	1130.571	7.717949	0
167 RUSSELL C(202 - DAN	67.4688	1	5.306122	1.085714	236.5804	2.205128	0
167 RUSSELL C(301 - COOK	59.32601	3	0	1.085714	207.1442	0	0
167 RUSSELL C(302 - DAUC	69.79531	3	5.306122	7.6	305.2651	0	0
167 RUSSELL C(303 - NEW	164.019	8	5.306122	14.11429	675.9441	2.205128	0
167 RUSSELL C(304 - CLEVI	131.4478	5	9.55102	8.685714	367.4083	4.410256	0
167 RUSSELL C(401 - DRILL	29.08138	1	0	5.428571	99.21115	1.102564	0
167 RUSSELL C(402 - SWOI	155.8762	4	6.367347	14.11429	1157.827	2.205128	0
167 RUSSELL C(403 - HON	130.2846	1	4.244898	8.685714	424.1004	3.307692	0
167 RUSSELL C(501 - WEST	445.5267	11	23.34694	35.82857	1396.588	9.923077	0
167 RUSSELL C(601 - EAST	195.4269	4	7.428571	22.8	800.2306	1.102564	0
167 RUSSELL C(602 - ELK G	222.1817	3	10.61224	14.11429	1034.631	1.102564	0
169 SCOTT COL 101 - WEBE	129.5902	4.588235	5.520833	15.77778	589.5437	5.757576	0
169 SCOTT COL 102 - YUM	158.8888	1.147059	8.833333	9.015873	746.0207	4.606061	0
169 SCOTT COL 202 - WEBE	86.76907	3.441176	5.520833	6.761905	471.635	3.454545	0
169 SCOTT COL 203 - HILTC	131.8439	1.147059	7.729167	14.65079	771.3656	5.757576	0

169	SCOTT COL 204 - CLAR	25.91803	0	1.104167	1.126984	201.657	2.30303	0
169	SCOTT COL 301 - NICKI	85.6422	1.147059	0	6.761905	549.8735	0	0
169	SCOTT COL 302 - SNOV	70.99287	3.441176	0	2.253968	444.0862	1.151515	0
169	SCOTT COL 303 - TWIN	91.27655	1.147059	2.208333	5.634921	387.8867	1.151515	0
169	SCOTT COL 304 - COPP	32.67926	1.147059	0	2.253968	115.7048	0	0
169	SCOTT COL 401 - GATE	291.8596	10.32353	5.520833	39.44444	1378.54	9.212121	0
169	SCOTT COL 501 - DUNC	86.76907	0	3.3125	2.253968	277.6916	2.30303	0
169	SCOTT COL 502 - FORT	67.61226	0	1.104167	1.126984	358.134	0	0
169	SCOTT COL 503 - MAN'	30.42552	1.147059	2.208333	5.634921	219.2882	0	0
169	SCOTT COL 504 - RYE C	64.23165	0	1.104167	2.253968	501.3876	1.151515	0
169	SCOTT COL 601 - CLINC	41.69423	2.294118	4.416667	5.634921	357.0321	0	0
169	SCOTT COL 602 - DUFF	138.6051	6.882353	3.3125	18.03175	720.6758	1.151515	0
169	SCOTT COL 603 - FAIRV	46.20171	1.147059	1.104167	3.380952	156.477	0	0
171	SHENANDC 101 - ORKN	271.3457	5.321429	8.902724	18.46094	634.2138	10.18248	0
171	SHENANDC 103 - NEW	566.6337	25.54286	35.61089	76.01563	1682.608	21.49635	0
171	SHENANDC 201 - CONI	348.8731	8.514286	20.03113	33.66406	1297.55	11.31387	0
171	SHENANDC 202 - MT J	380.7961	13.83571	10.01556	42.35156	1026.822	11.31387	0
171	SHENANDC 302 - EDINI	352.2934	10.64286	27.82101	51.03906	1098.01	15.83942	0
171	SHENANDC 303 - ST LU	300.9885	6.385714	10.01556	24.97656	1179.983	7.919708	0
171	SHENANDC 304 - FORT	174.4365	8.514286	13.35409	30.40625	596.463	5.656934	0
171	SHENANDC 401 - WOO	1006.715	23.41429	63.43191	105.3359	1879.991	28.28467	0
171	SHENANDC 501 - CEDA	49.02465	0	0	2.171875	78.73743	0	0
171	SHENANDC 503 - TOM'	521.0294	8.514286	34.49805	54.29688	1518.662	19.23358	0
171	SHENANDC 504 - LEBAL	328.3511	6.385714	16.69261	34.75	1076.438	7.919708	0
171	SHENANDC 601 - STRA'	972.5122	31.92857	45.62646	82.53125	2024.523	15.83942	0
173	SMYTH CO| 101 - SALT	339.0811	3.3125	7.831683	19.84615	1291.594	6.12	0
173	SMYTH CO| 201 - SEVEI	213.8649	5.520833	5.594059	28.66667	992.8005	2.04	0
173	SMYTH CO| 202 - RICH	128.5405	2.208333	4.475248	6.615385	359.1882	1.02	0
173	SMYTH CO| 301 - CHILF	274.8108	4.416667	13.42574	29.76923	1231.2	7.14	0
173	SMYTH CO| 302 - ST CL	48.75676	4.416667	3.356436	3.307692	365.5455	2.04	0
173	SMYTH CO| 401 - EAST	290.3243	4.416667	12.30693	33.07692	803.1406	7.14	0
173	SMYTH CO| 402 - WEST	186.1622	1.104167	6.712871	23.15385	376.1411	2.04	0
173	SMYTH CO| 501 - ATKIN	192.8108	5.520833	17.90099	22.05128	922.87	2.04	0
173	SMYTH CO| 502 - WAS'	283.6757	2.208333	13.42574	20.94872	493.7514	4.08	0
173	SMYTH CO| 601 - ROYA	250.4324	8.833333	12.30693	17.64103	835.9867	7.14	0
173	SMYTH CO| 602 - ROYA	124.1081	3.3125	4.475248	8.820513	449.2502	1.02	0
173	SMYTH CO| 701 - ADW'	154.027	5.520833	5.594059	20.94872	1022.468	7.14	0
173	SMYTH CO| 702 - SUGA	160.6757	2.208333	5.594059	18.74359	521.2997	2.04	0
173	SMYTH CO| 703 - KONN	17.72973	0	0	4.410256	84.76418	0	0
175	SOUTHAMI 101 - BERLI	102.838	0	8.346154	21.36986	535.9324	1	0
175	SOUTHAMI 102 - IVOR	358.3092	3.6	8.346154	16.0274	522.1088	0	0
175	SOUTHAMI 201 - BOYK	519.6025	2.4	2.384615	8.547945	358.3516	0	0
175	SOUTHAMI 202 - BRAN	124.4881	0	3.576923	5.342466	163.7571	1	0
175	SOUTHAMI 301 - CAPR	334.4941	1.2	4.769231	14.9589	350.9081	1	0
175	SOUTHAMI 302 - SEBRI	267.3788	3.6	2.384615	11.75342	384.9356	1	0
175	SOUTHAMI 401 - DREV	276.0388	0	4.769231	6.410959	242.4456	0	0
175	SOUTHAMI 501 - HUN	326.9166	6	9.538462	24.57534	742.2239	0	0

175 SOUTHAMI502 - FORK	218.6661	1.2	1.192308	6.410959	253.0792	0	0
175 SOUTHAMI601 - COUF	405.9395	2.4	9.538462	14.9589	546.566	0	0
175 SOUTHAMI602 - SEDLI	75.77537	1.2	1.192308	7.479452	309.4372	1	0
175 SOUTHAMI701 - BLAC	333.4116	0	2.384615	6.410959	174.3907	0	0
175 SOUTHAMI702 - NEWI	251.1412	2.4	3.576923	11.75342	450.8638	1	0
177 SPOTSYLVA 101 - PART	431.2531	8.586667	11.28571	45.47064	1302.31	14.76596	0
177 SPOTSYLVA 102 - BLAYI	553.4415	7.513333	15.8	37.51327	1346.902	12.30496	0
177 SPOTSYLVA 103 - TRAV	876.8926	17.17333	28.22131	72.75302	1463.782	19.68794	0
177 SPOTSYLVA 104 - MASS	867.8082	29.71429	39.74576	81.14286	1364.59	22.60638	0
177 SPOTSYLVA 201 - WILD	870.8917	13.95333	29.34286	75.02655	1227.99	17.22695	0
177 SPOTSYLVA 202 - WILD	664.8486	13.95333	31.6	90.94127	1318.317	14.76596	0
177 SPOTSYLVA 203 - NI RI	540.2643	8.586667	18.05714	48.88093	1326.321	20.91844	0
177 SPOTSYLVA 204 - CHAN	1254.228	23.61333	50.78571	103.4457	1433.799	28.30142	0
177 SPOTSYLVA 301 - PLAN	1058.966	27.90667	31.6	94.35157	1408.644	17.22695	0
177 SPOTSYLVA 302 - HAZE	1272.197	31.12667	38.37143	79.57361	1448.663	24.60993	0
177 SPOTSYLVA 303 - RIVEF	1106.883	18.24667	55.3	63.65889	1812.258	22.14894	0
177 SPOTSYLVA 401 - SUMI	1239.384	14.85714	37.47458	89.03175	1376.134	27.92553	0
177 SPOTSYLVA 402 - PARK	1301.569	13.64476	59.00169	72.19546	1214.465	22.10993	0
177 SPOTSYLVA 403 - LEE H	1533.048	24	60.18644	109.3175	1609.338	29.25532	0
177 SPOTSYLVA 501 - BELM	421.6697	10.73333	20.31429	48.88093	1138.807	3.691489	0
177 SPOTSYLVA 502 - BROK	370.1589	3.22	14.67143	34.10298	1053.053	6.152482	0
177 SPOTSYLVA 503 - POST	392.9195	7.513333	16.92857	28.41915	1223.417	8.613475	0
177 SPOTSYLVA 504 - COUF	816.9851	18.24667	28.21429	65.93242	1388.064	18.45745	0
177 SPOTSYLVA 505 - BROC	674.432	15.02667	30.47143	67.06919	1543.563	24.60993	0
177 SPOTSYLVA 601 - SALEI	1215.894	32.2	45.14286	117.0869	1386.92	27.07092	0
177 SPOTSYLVA 602 - SMIT	1696.262	24.68667	48.52857	117.0869	1726.504	19.68794	0
177 SPOTSYLVA 603 - PIEDI	752.2971	13.95333	24.82857	73.88978	985.5937	8.613475	0
177 SPOTSYLVA 701 - BATT	1039.212	19.42857	32.9322	65.36508	1050.572	14.62766	0
177 SPOTSYLVA 702 - BREN	1113.251	34.52476	56.61816	110.8846	1272.09	12.80142	0
177 SPOTSYLVA 703 - FAIRV	710.4684	10.9419	26.0063	56.68179	639.7813	11.27305	0
177 SPOTSYLVA 704 - GAYL	1431.775	6.648571	48.5707	61.29732	1561.122	22.5461	0
179 STAFFORD 101 - HART	1157.784	28.30626	73.69535	116.3676	2496.213	30.75395	0
179 STAFFORD 102 - ROCK	826.646	9.058005	28.07442	50.03806	943.6904	2.365688	0
179 STAFFORD 103 - SIMP	887.8346	15.85151	26.90465	75.63893	1366.491	18.92551	0
179 STAFFORD 104 - COLLI	1210.574	20.38051	54.97907	94.25775	1682.182	17.74266	0
179 STAFFORD 201 - ROCK	899.8323	16.98376	30.41395	75.63893	1195.116	16.55982	0
179 STAFFORD 202 - ROSE	1244.168	24.90951	46.7907	123.3496	1416.099	23.65688	0
179 STAFFORD 203 - RUBY	543.4987	19.24826	19.88605	96.5851	1442.031	9.462754	0
179 STAFFORD 204 - STEF	1073.8	11.32251	36.26279	65.16585	1605.514	21.2912	0
179 STAFFORD 301 - GRIFF	1215.374	14.71926	16.37674	51.20174	634.7643	9.462754	0
179 STAFFORD 302 - WIDE	1562.109	18.11601	32.75349	103.5672	1248.107	20.10835	0
179 STAFFORD 303 - HARB	622.684	12.45476	25.73488	69.82055	897.4642	15.37698	0
179 STAFFORD 304 - BARR	602.2878	9.058005	18.71628	36.07395	531.0373	4.731377	0
179 STAFFORD 401 - AQU	554.2967	5.661253	14.03721	24.43719	303.2888	5.914221	0
179 STAFFORD 402 - COUF	1840.457	26.04176	42.11163	101.2398	1188.351	22.47404	0
179 STAFFORD 403 - BROC	995.8145	21.51276	31.58372	94.25775	1699.094	20.10835	0
179 STAFFORD 404 - GOVE	749.8603	20.38051	42.11163	74.47526	1104.918	34.30248	0

179 STAFFORD 501 - GRAF	1172.182	19.24826	43.2814	94.25775	1940.372	33.11964	0
179 STAFFORD 502 - FALM	920.2285	10.19026	52.63953	59.34747	1120.703	31.93679	0
179 STAFFORD 503 - DREV	899.8323	28.30626	26.90465	90.76672	1214.283	17.74266	0
179 STAFFORD 504 - GAYL	1125.39	18.11601	35.09302	43.05601	819.669	10.6456	0
179 STAFFORD 601 - FERR'	807.4496	15.85151	29.24419	69.82055	1321.392	26.02257	0
179 STAFFORD 602 - CHAT	1118.192	27.17401	37.43256	114.0402	1323.647	30.75395	0
179 STAFFORD 603 - WHIT	837.444	16.98376	29.24419	77.96629	1793.801	16.55982	0
179 STAFFORD 604 - ENGL	881.8357	26.04176	25.73488	48.87439	482.5561	5.914221	0
179 STAFFORD 701 - WOO	1277.762	16.98376	57.3186	87.27569	1493.895	29.57111	0
179 STAFFORD 702 - WHIT	1403.738	22.64501	47.96047	91.9304	948.2003	16.55982	0
179 STAFFORD 703 - HAM	1476.925	12.45476	80.71395	110.5492	1655.122	31.93679	0
181 SURRY COL 101 - SURR	359.0836	3.1875	9.321429	27	521.7524	1	0
181 SURRY COL 201 - BACC	567.7255	4.25	4.142857	8.307692	311.8286	4	0
181 SURRY COL 301 - DENC	251.4683	1.0625	4.142857	9.346154	198.7143	2	0
181 SURRY COL 302 - WALL	254.7627	2.125	4.142857	8.307692	164.0667	0	0
181 SURRY COL 401 - CARS	501.8386	4.25	3.107143	14.53846	359.7238	3	0
181 SURRY COL 501 - CLAR	284.4118	2.125	3.107143	13.5	257.819	0	0
181 SURRY COL 502 - SPRIN	52.70952	0	1.035714	0	5.095238	0	0
183 SUSSEX CO 101 - WAVI	663.1344	3.3	2.444444	3.315789	161.3651	1	0
183 SUSSEX CO 201 - STON	446.4238	2.2	2.444444	8.842105	179.532	0	0
183 SUSSEX CO 202 - LITTL	101.854	0	0	1.105263	67.32449	0	0
183 SUSSEX CO 301 - COUF	224.2954	2.2	7.333333	5.526316	403.947	1	0
183 SUSSEX CO 302 - WAKI	24.92172	1.1	0	6.631579	163.5023	0	0
183 SUSSEX CO 401 - MAR'	455.0922	3.3	4.888889	13.26316	265.0234	0	0
183 SUSSEX CO 402 - WEST	85.60068	1.1	0	1.105263	16.02964	0	0
183 SUSSEX CO 501 - HENR	370.5751	1.1	2.444444	8.842105	199.8362	0	0
183 SUSSEX CO 502 - YALE	177.7027	1.1	0	3.315789	88.69735	0	0
183 SUSSEX CO 601 - BLAC	204.7915	5.5	1.222222	5.526316	337.6911	0	0
183 SUSSEX CO 602 - NEW'	124.6086	1.1	1.222222	5.526316	172.0515	1	0
185 TAZEWELL 101 - ABBS	59.76181	0	3.201681	11.11111	305.5864	1.145455	0
185 TAZEWELL 102 - TIP T	79.29933	0	1.067227	6.666667	390.7141	1.145455	0
185 TAZEWELL 103 - BOIS'	55.16475	0	3.201681	5.555556	223.7329	0	0
185 TAZEWELL 104 - FALLS	54.01548	1.12766	2.134454	8.888889	442.0089	3.436364	0
185 TAZEWELL 106 - POCA	71.25447	0	4.268908	6.666667	165.8898	1.145455	0
185 TAZEWELL 107 - AMO	13.79119	0	1.067227	1.111111	85.12764	0	0
185 TAZEWELL 109 - BISHC	24.13458	0	0	3.333333	163.707	0	0
185 TAZEWELL 110 - ADRI	51.71695	1.12766	1.067227	6.666667	415.8158	0	0
185 TAZEWELL 111 - GAP'	60.91108	1.12766	1.067227	8.888889	379.8003	0	0
185 TAZEWELL 112 - BANC	25.28384	0	0	4.444444	183.3518	0	0
185 TAZEWELL 203 - BURK	18.38825	0	0	0	110.2294	0	0
185 TAZEWELL 204 - CLEA	59.76181	0	3.201681	10	445.2831	3.436364	0
185 TAZEWELL 207 - FREE'	29.88091	0	2.134454	3.333333	140.788	1.145455	0
185 TAZEWELL 209 - JEFFE	517.1695	9.021277	20.27731	38.88889	1965.575	4.581818	0
185 TAZEWELL 214 - THON	75.85153	1.12766	6.403361	7.777778	460.5624	1.145455	0
185 TAZEWELL 301 - CEDA	256.2862	6.765957	7.470588	26.66667	1787.681	6.872727	0
185 TAZEWELL 302 - BAPT	63.20961	0	2.134454	1.111111	341.602	0	0
185 TAZEWELL 303 - WARI	125.2699	4.510638	7.470588	8.888889	751.9609	1.145455	0

185 TAZEWE	305 - POUN	95.38904	1.12766	8.537815	2.222222	557.6952	0	0
185 TAZEWE	401 - RICHI	409.1385	7.893617	18.14286	40	1899.001	12.6	0
185 TAZEWE	402 - JEWEL	32.17944	2.255319	2.134454	0	222.6415	0	0
185 TAZEWE	404 - RAVE	110.3295	3.382979	7.470588	4.444444	679.9298	3.436364	0
185 TAZEWE	501 - SPRIN	148.2553	3.382979	9.605042	16.66667	1157.954	9.163636	0
185 TAZEWE	502 - GRAF	458.557	10.14894	14.94118	36.66667	1891.362	12.6	0
187 WARREN	C 101 - FORK	414.1643	14.34815	13.94203	31.54945	692.6573	6.80597	0
187 WARREN	C 102 - OTTE	551.0686	12.14074	28.95652	54.3956	1653.896	10.20896	0
187 WARREN	C 201 - HAPP	620.0959	9.933333	30.02899	54.3956	1268.966	21.55224	0
187 WARREN	C 202 - LINDE	536.1126	24.28148	22.52174	85.94505	1123.258	23.8209	0
187 WARREN	C 301 - NORTH	556.8208	13.24444	16.08696	53.30769	965.5883	12.47761	0
187 WARREN	C 302 - RIVER	436.0229	4.414815	11.7971	23.93407	1171.102	13.61194	0
187 WARREN	C 401 - EAST	586.7327	28.6963	43.97101	64.18681	1883.332	29.49254	0
187 WARREN	C 402 - TOWN	368.146	15.45185	16.08696	27.1978	790.521	13.61194	0
187 WARREN	C 501 - SOUTH	735.1416	16.55556	26.81159	65.27473	1268.966	13.61194	0
187 WARREN	C 502 - BENT	192.1262	7.725926	4.289855	25.02198	538.2502	3.402985	0
187 WARREN	C 504 - BROV	172.5684	2.207407	7.507246	9.791209	416.4643	3.402985	0
191 WASHINGT	101 - EAST	685.2638	12.47561	18.80676	61.65971	1561.79	19.34579	0
191 WASHINGT	102 - WEST	404.0694	4.536585	15.48792	24.66388	823.7891	2.149533	0
191 WASHINGT	201 - CLINCH	119.3304	2.268293	5.531401	14.57411	646.713	2.149533	0
191 WASHINGT	202 - GREE	212.6681	4.536585	14.38164	13.45303	1034.961	2.149533	0
191 WASHINGT	203 - HAYT	74.43383	1.134146	7.743961	4.484342	392.6472	1.074766	0
191 WASHINGT	204 WOOD	285.9204	5.670732	12.16908	15.6952	853.4851	2.149533	0
191 WASHINGT	301 - WATER	467.8698	2.268293	22.1256	51.56994	1496.899	8.598131	0
191 WASHINGT	302 - SOUTH	599.0151	15.87805	21.01932	45.96451	1218.636	15.04673	0
191 WASHINGT	401 - GLAD	339.0874	2.268293	8.850242	32.51148	1157.044	4.299065	0
191 WASHINGT	402 - MEAL	440.6955	5.670732	13.27536	40.35908	1339.62	12.8972	0
191 WASHINGT	501 - RHEA	381.6211	9.073171	12.16908	33.63257	1808.157	7.523364	0
191 WASHINGT	502 - DAM	306.0057	5.670732	9.956522	30.26931	755.5983	2.149533	0
191 WASHINGT	504 - GREE	35.44468	2.268293	0	4.484342	146.2803	1.074766	0
191 WASHINGT	601 - BURS	232.7534	6.804878	14.38164	44.84342	1547.492	2.149533	0
191 WASHINGT	602 - MENI	54.34851	2.268293	5.531401	10.08977	300.2596	11.82243	0
191 WASHINGT	603 - VALLI	236.2979	2.268293	9.956522	22.42171	1105.351	7.523364	0
191 WASHINGT	701 - HIGH	224.483	0	11.0628	26.90605	1212.037	4.299065	0
191 WASHINGT	702 - WALL	129.9638	1.134146	8.850242	14.57411	598.3195	1.074766	0
191 WASHINGT	703 - JOHN	323.7281	6.804878	17.70048	44.84342	1320.922	7.523364	0
193 WESTMOR	101 - PREC	750.2661	2.352941	3.26087	19.34058	304.9992	1.433333	0
193 WESTMOR	102 - PREC	375.133	1.176471	4.347826	7.963768	261.9138	0	0
193 WESTMOR	201 - PREC	612.6781	4.705882	4.347826	19.34058	523.8277	7.166667	0
193 WESTMOR	202 - PREC	234.0172	3.529412	4.347826	9.101449	395.7053	1.433333	0
193 WESTMOR	301 - PREC	424.5236	1.176471	6.521739	15.92754	483.0099	0	0
193 WESTMOR	302 - PREC	319.8627	2.352941	5.434783	7.963768	358.2891	5.733333	0
193 WESTMOR	401 - PREC	483.3219	12.94118	10.86957	38.68116	1172.376	10.03333	0
193 WESTMOR	501 - PREC	636.1974	11.76471	10.86957	38.68116	947.8787	17.2	0
195 WISE COUN	101 - APPA	213.3563	8.213333	5.603448	13.23636	740.0702	3.183673	0
195 WISE COUN	102 - DORC	115.7571	1.026667	2.241379	5.515152	528.9326	4.244898	0
195 WISE COUN	103 - GUES	104.4084	1.026667	2.241379	2.206061	515.8725	1.061224	0

195 WISE COUN 104 - WEST	283.7185	10.26667	6.724138	17.64848	1393.073	4.244898	0
195 WISE COUN 201 - NORTH	135.05	4.106667	4.482759	6.618182	690.0067	2.122449	0
195 WISE COUN 202 - WISE	483.4563	14.37333	5.603448	43.01818	1781.61	4.244898	0
195 WISE COUN 203 - EAST	56.7437	6.16	1.12069	3.309091	379.8302	5.306122	0
195 WISE COUN 301 - BIG S	410.8244	9.24	5.603448	27.57576	1395.25	8.489796	0
195 WISE COUN 302 - EAST	297.337	9.24	15.68966	22.06061	1554.148	9.55102	0
195 WISE COUN 401 - CLIN	213.3563	7.186667	6.724138	22.06061	1228.734	6.367347	0
195 WISE COUN 402 - SOUT	231.5143	3.08	5.603448	13.23636	1454.02	1.061224	0
195 WISE COUN 403 - ST PA	155.4777	3.08	3.362069	5.515152	424.452	2.122449	0
197 WYTHE CO 101 - ROYA	61.23392	1.065217	7.565657	6.526718	474.1882	2.324324	0
197 WYTHE CO 102 - RURA	311.7363	4.26087	18.37374	36.98473	1391.801	5.810811	0
197 WYTHE CO 203 - WEST	649.0796	8.521739	21.61616	58.74046	1376.949	19.75676	0
197 WYTHE CO 303 - EAST	685.8199	8.521739	12.9697	57.65267	1429.99	15.10811	0
197 WYTHE CO 401 - FORT	200.4019	2.130435	10.80808	20.66794	970.6536	5.810811	0
197 WYTHE CO 402 - MAX	188.1551	4.26087	5.40404	25.01908	938.8289	6.972973	0
197 WYTHE CO 501 - JACK	153.6415	2.130435	8.646465	14.14122	663.0148	4.648649	0
197 WYTHE CO 502 - SHEF	165.8883	5.326087	7.565657	21.75573	1024.756	10.45946	0
197 WYTHE CO 601 - HUD	73.48071	3.195652	4.323232	2.175573	496.4655	0	0
197 WYTHE CO 602 - ZION	164.7749	2.130435	5.40404	22.84351	733.0291	4.648649	0
197 WYTHE CO 603 - EVER	115.7878	7.456522	4.323232	18.49237	546.3242	10.45946	0
199 YORK COUN 101 - QUEE	825.916	17.15745	28.71339	57.3501	893.9071	13.82813	0
199 YORK COUN 102 - WALL	971.5984	24.66383	47.08996	87.17215	1240.681	13.82813	0
199 YORK COUN 103 - MAG	1739.012	21.44681	39.05021	123.8762	1018.305	24.19922	0
199 YORK COUN 201 - COVE	1385.703	34.31489	62.02092	115.8472	1807.63	29.96094	0
199 YORK COUN 202 - KILN	727.2649	9.651064	21.82218	50.46809	899.4114	16.13281	675.3012
199 YORK COUN 301 - SEAF	708.9112	23.59149	51.6841	97.49516	2222.658	32.26563	0
199 YORK COUN 302 - YORK	799.5326	12.86809	35.6046	84.87814	1311.137	19.58984	0
199 YORK COUN 303 - EDGE	1152.841	19.30213	33.30753	96.34816	1173.528	20.74219	447.5301
199 YORK COUN 401 - HARV	819.0334	19.30213	49.38703	100.9362	1842.858	24.19922	492.1687
199 YORK COUN 402 - DARE	880.9771	22.51915	47.08996	105.5242	1972.76	20.74219	0
199 YORK COUN 403 - GRAF	534.5512	7.506383	19.5251	40.14507	930.2358	14.98047	0
199 YORK COUN 501 - TABB	1095.486	17.15745	55.12971	104.3772	1876.985	27.65625	0
199 YORK COUN 502 - BETH	1358.173	22.51915	58.57531	121.5822	1646.903	36.875	0
510 ALEXANDR 101 - LADR	1340.261	15.68212	35.56316	51.42298	455.8963	31.19802	0
510 ALEXANDR 102 - CITY I	1213.275	9.147903	26.97895	68.56397	539.499	75.9604	0
510 ALEXANDR 103 - LYLES	2075.956	22.21634	44.14737	76.4752	649.2276	47.47525	0
510 ALEXANDR 104 - DUR	1784.715	11.76159	57.63684	77.79373	354.0054	51.54455	0
510 ALEXANDR 105 - LEE C	2340.972	19.60265	64.99474	104.1645	627.0206	58.32673	0
510 ALEXANDR 106 - CORA	3176.047	24.83002	91.97368	125.2611	496.3913	43.40594	0
510 ALEXANDR 107 - MT V	3290.611	30.0574	96.87895	116.0313	634.8584	70.53465	0
510 ALEXANDR 108 - GEOF	2988.328	32.67108	104.2368	119.9869	518.5983	66.46535	0
510 ALEXANDR 109 - FIRE I	1396.853	16.98896	56.41053	85.70496	458.5088	37.9802	0
510 ALEXANDR 110 - CHAR	2053.871	30.0574	51.50526	87.0235	321.3481	29.84158	0
510 ALEXANDR 201 - MAU	1786.095	18.29581	44.14737	64.60836	390.5816	50.18812	0
510 ALEXANDR 202 - GEOF	1694.996	9.147903	67.44737	59.3342	527.7424	78.67327	0
510 ALEXANDR 203 - CHAR	2045.59	18.29581	63.76842	59.3342	386.6627	37.9802	0
510 ALEXANDR 204 - BLES	1637.024	18.29581	49.05263	64.60836	510.7606	67.82178	0

510 ALEXANDR 205 - DOUC	2161.534	11.76159	66.22105	101.5274	653.1465	78.67327	0
510 ALEXANDR 206 - CHIN	1710.179	16.98896	38.01579	58.01567	465.0403	35.26733	0
510 ALEXANDR 207 - TEMF	2149.111	22.21634	56.41053	89.66057	677.9661	54.25743	0
510 ALEXANDR 208 - NOV	2376.859	39.2053	45.37368	79.11227	508.148	31.19802	0
510 ALEXANDR 209 - JAME	2532.832	22.21634	49.05263	64.60836	540.8053	31.19802	0
510 ALEXANDR 210 - The F	1111.133	10.45475	39.24211	38.2376	357.9243	18.9901	0
510 ALEXANDR 302 - PATR	1942.068	28.75055	38.01579	63.28982	322.6544	25.77228	0
510 ALEXANDR 303 - CHAR	2207.083	24.83002	20.84737	50.10444	389.2753	36.62376	0
510 ALEXANDR 304 - SAMI	3100.131	40.51214	57.63684	93.61619	539.499	40.69307	0
510 ALEXANDR 305 - JOHN	2543.874	26.13687	34.33684	50.10444	418.0138	32.55446	0
510 ALEXANDR 306 - WILLI	2739.875	27.44371	24.52632	48.7859	372.2935	25.77228	0
510 ALEXANDR 307 - SOUT	1899.279	23.52318	22.07368	34.28198	457.2026	18.9901	0
510 ALEXANDR 308 - CAMI	1943.448	20.90949	51.50526	88.34204	711.9297	55.61386	0
520 BRISTOL CI' 001 - FIRST	325.9617	8.888889	10.47273	17.64885	908.435	5.5	0
520 BRISTOL CI' 002 - SECO	532.3259	17.77778	23.27273	43.60305	1076.129	27.5	0
520 BRISTOL CI' 003 - THIRI	402.1757	7.777778	10.47273	28.03053	722.9721	6.6	0
520 BRISTOL CI' 004 - FOUR	574.5367	15.55556	19.78182	46.71756	2184.464	15.4	0
530 BUENA VIS' 001 - FIRST	365	8	58	33	825	4	0
530 BUENA VIS' 002 - SECO	328	5	116	50	605	10	0
540 CHARLOTT|101 - Key R	2309.654	36.94301	37.20571	87.59657	418.8037	28.32447	0
540 CHARLOTT|102 - CLAR	2327.402	40.51813	49.24286	86.47353	379.0798	21.5266	0
540 CHARLOTT|201 - CARV	2103.773	25.02591	29.54571	75.2432	195.2147	18.12766	0
540 CHARLOTT|202 - WALK	2339.234	42.90155	56.90286	96.58083	550.4601	27.19149	0
540 CHARLOTT|301 - BENJ	2013.848	21.45078	40.48857	68.50501	208.8344	13.59574	0
540 CHARLOTT|302 - JOHN	2219.729	19.06736	70.03429	107.8112	482.362	29.45745	0
540 CHARLOTT|303 - BUFC	1496.779	14.30052	28.45143	83.10443	175.9202	16.99468	0
540 CHARLOTT|401 - VENA	1552.39	9.533679	32.82857	101.073	248.5583	18.12766	0
540 CHARLOTT|402 - ALUN	1538.192	20.25907	38.3	78.6123	300.7669	39.65426	0
550 CHESAPEAI001 - GREA	656.648	7.788079	15.95122	96.08633	1296.708	14.73779	0
550 CHESAPEAI002 - BETH	387.1283	7.788079	19.36934	69.77698	1487.501	7.935733	0
550 CHESAPEAI003 - CAMI	2102.25	19.80547	12.3	24.11505	151.7818	6.83004	2111.517
550 CHESAPEAI004 - CHUF	474.8145	8.802432	15.65455	66.86446	949.4674	7.968379	0
550 CHESAPEAI005 - CRES	1563.271	13.20365	13.41818	30.69188	202.7451	3.41502	1607.567
550 CHESAPEAI006 - DEEP	1666.122	11.12583	34.18118	133.8345	1623.456	21.53985	0
550 CHESAPEAI007 - GREE	848.987	8.900662	38.73868	75.4964	1317.273	18.13882	0
550 CHESAPEAI008 - SOUT	1046.458	13.20365	21.24545	44.94169	961.6542	13.66008	1620.252
550 CHESAPEAI009 - BELL	1102.581	17.80132	31.90244	115.5324	2096.44	20.40617	0
550 CHESAPEAI010 - OSCA	454.9819	4.401216	11.18182	52.61466	469.7481	7.968379	746.1232
550 CHESAPEAI011 - GENE	706.9719	8.802432	10.06364	61.38377	923.9857	7.968379	0
550 CHESAPEAI012 - GEOR	1364.946	11.00304	6.709091	18.63436	233.7662	6.83004	1403.45
550 CHESAPEAI013 - GILM	725.6378	15.40426	24.6	59.19149	905.1515	6.83004	0
550 CHESAPEAI014 - GRAS	194.7892	2.225166	6.836237	9.151079	362.1643	5.66838	0
550 CHESAPEAI015 - B M \	1060.458	19.80547	20.12727	47.13396	671.3853	3.41502	0
550 CHESAPEAI016 - HICK	546.3899	12.23841	19.36934	56.05036	1551.48	6.802057	0
550 CHESAPEAI017 - INDIA	312.3978	10.01325	9.114983	46.89928	1101.345	7.935733	0
550 CHESAPEAI018 - INDIA	956.6287	14.30395	20.12727	69.05674	471.9639	4.55336	1216.631
550 CHESAPEAI019 - JOLLI	433.6817	5.562914	19.36934	53.76259	903.697	7.935733	0

550 CHESAPEAI020 - E W C	895.365	10.01325	15.95122	61.72204	1186.719	11.33676	0
550 CHESAPEAI021 - FELL	785.1355	5.50152	19.00909	59.19149	1094.602	11.3834	0
550 CHESAPEAI022 - NORF	506.3132	8.802432	12.3	43.84555	765.5565	11.3834	924.8699
550 CHESAPEAI023 - OAK	1045.001	15.57616	28.48432	66.34532	856.8556	17.00514	0
550 CHESAPEAI024 - OAKL	1034.792	24.20669	21.24545	53.7108	706.838	10.24506	1376.926
550 CHESAPEAI025 - ST JU	501.6467	5.50152	7.827273	33.9803	461.9929	6.83004	728.8252
550 CHESAPEAI026 - JOHN	592.6431	11.00304	8.945455	24.11505	275.8662	10.24506	748.4296
550 CHESAPEAI027 - SILVE	895.9644	20.90578	27.95455	73.44129	1278.513	22.7668	0
550 CHESAPEAI028 - SUNR	66.15483	0	0	10.29496	207.9303	3.401028	151.0698
550 CHESAPEAI029 - TANG	449.1488	12.10334	23.48182	56.99921	1051.394	6.83004	1005.594
550 CHESAPEAI030 - SOUT	939.1294	8.802432	2.236364	10.96139	38.77638	1.13834	913.3379
550 CHESAPEAI031 - CARV	1699.766	12.10334	6.709091	29.59574	312.4268	4.55336	1766.709
550 CHESAPEAI032 - PROV	2246.911	9.902736	6.709091	19.7305	114.1133	10.24506	2116.13
550 CHESAPEAI033 - WEST	402.484	9.902736	12.3	31.78802	619.3142	11.3834	0
550 CHESAPEAI034 - HICK	656.648	15.57616	26.20557	116.6763	1921.641	29.47558	0
550 CHESAPEAI035 - TAYL	845.7997	9.902736	16.77273	46.03783	371.1454	5.6917	0
550 CHESAPEAI036 - GREA	933.5182	16.68874	27.34495	86.93525	1801.682	15.87147	0
550 CHESAPEAI037 - BRID	584.3677	5.562914	13.67247	72.06475	950.5384	6.802057	0
550 CHESAPEAI038 - BAILE	465.4815	7.702128	22.36364	67.9606	1162.183	15.93676	0
550 CHESAPEAI039 - LAKE	238.8925	5.562914	6.836237	30.88489	559.8123	6.802057	0
550 CHESAPEAI040 - RIVEF	1199.286	8.802432	27.95455	81.11426	1001.538	14.79842	0
550 CHESAPEAI041 - JOHN	1477.458	24.47682	41.01742	89.22302	1245.297	26.07455	0
550 CHESAPEAI042 - PARK	956.6287	11.00304	22.36364	48.2301	679.1406	10.24506	0
550 CHESAPEAI043 - PLEA	409.1799	7.788079	19.36934	56.05036	1152.756	11.33676	0
550 CHESAPEAI044 - NANS	715.1383	6.601824	10.06364	20.82664	571.6746	4.55336	0
550 CHESAPEAI045 - SUNR	436.1319	5.562914	5.696864	17.15827	239.9196	3.401028	520.0952
550 CHESAPEAI046 - BELL	703.2014	6.675497	22.78746	54.90647	973.3879	20.40617	0
550 CHESAPEAI047 - GREE	291.5713	4.450331	9.114983	60.6259	722.0436	6.802057	0
550 CHESAPEAI048 - JOLLI	1882.963	12.23841	9.114983	26.30935	206.7878	19.27249	1795.539
550 CHESAPEAI049 - WATI	1452.956	30.03974	36.45993	99.51799	1673.725	24.94087	0
550 CHESAPEAI050 - RIVEF	1042.551	17.80132	30.76307	77.78417	786.0222	21.53985	0
550 CHESAPEAI051 - COOF	559.8659	11.12583	21.64808	66.34532	1735.418	7.935733	0
550 CHESAPEAI052 - SHIPY	1097.68	11.12583	23.92683	70.92086	784.8797	12.47044	0
550 CHESAPEAI053 - FAIRV	642.8078	20.90578	16.77273	40.55713	538.4377	9.106719	0
550 CHESAPEAI054 - PUGH	1262.283	11.00304	11.18182	48.2301	516.2798	13.66008	0
550 CHESAPEAI055 - GEOF	858.6326	9.902736	8.945455	14.2498	273.6505	2.27668	947.934
550 CHESAPEAI056 - GREE	908.7972	7.702128	20.12727	36.17258	612.6668	19.35178	0
550 CHESAPEAI057 - CYPR	996.2938	11.00304	31.30909	74.53743	711.2696	15.93676	0
550 CHESAPEAI058 - EXPR	530.4638	5.562914	9.114983	26.30935	226.2099	4.534704	0
550 CHESAPEAI059 - CLEAI	592.9433	6.675497	23.92683	41.17986	702.6216	9.069409	0
550 CHESAPEAI060 - PARK	779.1569	12.23841	33.04181	85.79137	1697.716	27.20823	0
550 CHESAPEAI061 - CENT	464.3089	10.01325	22.78746	52.61871	1181.318	13.60411	0
550 CHESAPEAI062 - FENT	668.8989	12.23841	25.0662	88.07914	1392.676	21.53985	0
550 CHESAPEAI063 - POPL	307.4975	5.562914	6.836237	53.76259	1001.95	9.069409	0
570 COLONIAL 001 - FIRST	458.054	13.95122	15.05263	44.06573	780.8009	4.137931	0
570 COLONIAL 002 - SECO	353.4224	8.585366	13.89474	45.22535	1018.436	3.103448	0
570 COLONIAL 003 - THIRI	524.3207	10.73171	20.84211	40.58685	1127.303	10.34483	0

570 COLONIAL 004 - FOUR	623.1395	6.439024	17.36842	53.34272	1291.19	8.275862	0
570 COLONIAL 005 - FIFTH	408.0634	4.292683	20.84211	63.77934	1463.27	4.137931	0
580 COVINGTO 101 - PREC	138.3528	1.333333	4.347826	9.80597	211.7554	0	0
580 COVINGTO 201 - PREC	185.1967	1.333333	3.26087	13.07463	226.804	7.090909	0
580 COVINGTO 301 - PREC	235.3087	4	1.086957	14.16418	160.1602	0	0
580 COVINGTO 401 - PREC	193.9118	0	9.782609	16.34328	364.3912	4.727273	0
580 COVINGTO 501 - PREC	161.23	1.333333	6.521739	19.61194	385.8892	1.181818	0
590 DANVILLE (001 - WARI	429.693	2.085714	2.363636	4.649446	55.3857	2.698413	0
590 DANVILLE (002 - WARI	360.3155	4.171429	14.18182	11.62362	210.2396	6.746032	0
590 DANVILLE (003 - WARI	814.6263	6.257143	11.81818	30.2214	319.8807	6.746032	0
590 DANVILLE (004 - WARI	1066.4	3.128571	18.90909	43.00738	968.6846	9.444444	0
590 DANVILLE (006 - WARI	523.6884	1.042857	0	4.649446	64.42826	2.698413	0
590 DANVILLE (007 - WARI	895.1938	5.214286	8.272727	8.136531	150.3326	2.698413	0
590 DANVILLE (008 - WARI	655.7294	2.085714	4.727273	13.94834	319.8807	2.698413	0
590 DANVILLE (009 - WARI	481.1666	2.085714	4.727273	10.46125	392.2212	0	0
590 DANVILLE (010 - WARI	673.6333	6.257143	5.909091	23.24723	506.3835	1.349206	0
590 DANVILLE (011 - WARI	1092.136	9.385714	11.81818	27.89668	545.9447	9.444444	0
590 DANVILLE (012 - WARI	1086.541	8.342857	5.909091	30.2214	695.147	8.095238	0
590 DANVILLE (013 - WARI	1000.379	9.385714	10.63636	26.73432	497.341	12.14286	0
590 DANVILLE (014 - WARI	261.8442	2.085714	0	0	6.781922	0	0
590 DANVILLE (015 - WARI	696.0132	4.171429	1.181818	29.05904	681.5832	8.095238	0
590 DANVILLE (016 - WARI	646.7775	2.085714	13	31.38376	923.4718	6.746032	0
590 DANVILLE (017 - WARI	374.8624	5.214286	3.545455	19.76015	965.2936	5.396825	0
595 EMPORIA (101 - PREC	292.191	1	0	1	91	1	0
595 EMPORIA (201 - PREC	240.157	0	1	0	13	1	0
595 EMPORIA (301 - PREC	156.102	2	5	8	179	1	0
595 EMPORIA (401 - PREC	246.1609	3	1	1	212	0	0
595 EMPORIA (501 - PREC	229.1498	2	0	2	6	0	0
595 EMPORIA (601 - DISTF	153.1001	1	0	11	209	0	0
595 EMPORIA (701 - DISTF	213.1393	1	1	3	79	1	0
600 FAIRFAX CI' 001 - ONE	1205.533	18.44828	46.54867	85.63788	585.7517	25.70149	0
600 FAIRFAX CI' 002 - TWO	1045.495	8.609195	37.23894	65.41783	640.8957	26.92537	0
600 FAIRFAX CI' 003 - THRE	1547.91	25.82759	50.03982	91.58496	796.5243	34.26866	0
600 FAIRFAX CI' 004 - FOUR	1261.94	15.98851	52.36726	78.50139	600.4568	35.49254	0
600 FAIRFAX CI' 005 - FIVE	1109.772	25.82759	40.73009	46.38719	531.8332	20.80597	0
600 FAIRFAX CI' 006 - SIX	1196.35	12.29885	36.07522	59.47075	546.5382	20.80597	0
610 FALLS CHU 001 - FIRST	2023.231	26.41509	88.45902	78.5241	469.1845	28.06579	0
610 FALLS CHU 002 - SECO	1677.723	19.81132	63.54098	55.68072	353.4951	33.26316	0
610 FALLS CHU 003 - THIRI	2118.045	23.77358	76	102.7952	501.3204	17.67105	0
620 FRANKLIN (101 - PREC	268.6498	2.461538	3.461538	24.33803	582.8585	5	0
620 FRANKLIN (201 - PREC	313.2435	2.461538	6.923077	20.28169	413.4229	4	0
620 FRANKLIN (301 - PREC	572.1045	3.692308	0	4.056338	50.83068	3	0
620 FRANKLIN (401 - PREC	451.3752	0	0	6.084507	49.70111	0	0
620 FRANKLIN (501 - PREC	506.8454	1.230769	0	1.014085	10.16614	6	0
620 FRANKLIN (601 - PREC	406.7815	6.153846	4.615385	16.22535	314.0207	9	0
630 FREDERICK 101 - PREC	1648.252	44.936	45.31579	92.24857	1174.005	20.75294	0
630 FREDERICK 201 - PREC	1641.272	38.36	50.84211	110.0314	962.3178	32.28235	0

630	FREDERICK 301 - PREC	1426.081	27.4	51.94737	112.2543	986.3472	27.67059	0
630	FREDERICK 401 - PREC	1230.664	19.728	18.78947	43.34571	323.824	10.37647	0
630	FREDERICK 402 - PREC	760.7315	6.576	22.10526	31.12	297.5061	6.917647	0
640	GALAX CITY 001 - EAST	319.3261	4	10.5	28.42105	667.073	8.727273	0
640	GALAX CITY 003 - SOUT	151.079	1	7	11.84211	438.7158	2.181818	0
640	GALAX CITY 005 - WEST	210.595	2	10.5	4.736842	497.2112	1.090909	0
650	HAMPTON 101 - ABER	1415.28	24.69325	12.78689	36.36581	235.2352	12.27211	0
650	HAMPTON 102 - BASSI	1894.723	6.441718	22.37705	13.90457	127.419	16.73469	0
650	HAMPTON 103 - CITY I	1025.732	10.7362	3.196721	38.50497	199.2965	8.92517	0
650	HAMPTON 104 - COOF	2411.047	25.76687	27.70492	64.17495	380.079	35.70068	0
650	HAMPTON 105 - EAST	2089.497	19.32515	9.590164	27.80915	266.8177	7.809524	0
650	HAMPTON 106 - ARM	1335.757	24.69325	26.63934	85.5666	692.6369	22.31293	0
650	HAMPTON 107 - LIND	1484.43	9.662577	11.72131	20.32207	300.5783	5.578231	0
650	HAMPTON 108 - THOM	2133.292	17.17791	21.31148	32.08748	291.8659	6.693878	0
650	HAMPTON 109 - PHEN	2121.767	8.588957	13.85246	26.73956	140.4877	11.15646	0
650	HAMPTON 110 - PHOE	345.413	2.137931	3.425532	20.66916	217.3964	1.10084	0
650	HAMPTON 111 - HAM	462.1557	12.88344	5.327869	42.7833	322.3593	3.346939	0
650	HAMPTON 112 - SMIT	1885.503	24.69325	20.2459	64.17495	664.3215	27.89116	0
650	HAMPTON 115 - WYT	645.4045	4.294479	11.72131	47.06163	549.9711	8.92517	0
650	HAMPTON 116 - JONE	753.7403	8.588957	11.72131	25.66998	258.1053	8.92517	0
650	HAMPTON 117 - KECO	1247.014	11.80982	18.11475	41.71372	413.8396	15.61905	0
650	HAMPTON 118 - MALL	2111.395	12.88344	12.78689	21.39165	262.4615	20.08163	0
650	HAMPTON 201 - BOO	1060.338	10.68966	21.69504	114.2243	1157.636	17.61345	0
650	HAMPTON 202 - BRYA	1152.142	28.86207	19.41135	91.37944	998.9367	14.31092	0
650	HAMPTON 203 - BURB	969.6811	14.96552	14.84397	51.12897	635.8846	22.01681	0
650	HAMPTON 204 - FORR	1236.641	15.03067	15.98361	45.99205	589.177	6.693878	0
650	HAMPTON 205 - ASBU	1126.896	29.93103	37.68085	110.9607	1927.22	15.41176	0
650	HAMPTON 208 - KRAF	1848.623	34.35583	26.63934	118.7237	1280.725	24.54422	0
650	HAMPTON 209 - LANG	1078.698	17.10345	15.98582	62.00748	896.7604	22.01681	0
650	HAMPTON 210 - MACI	2296.949	20.39877	43.68852	86.63618	738.3771	15.61905	0
650	HAMPTON 212 - BETH	2163.258	24.69325	29.83607	84.49702	805.8983	16.73469	0
650	HAMPTON 213 - PHILL	1367.881	20.31034	47.95745	130.5421	1501.122	37.42857	0
650	HAMPTON 214 - TUCK	1585.851	21.47239	21.31148	66.31412	913.7144	21.19728	0
650	HAMPTON 215 - TYLEF	565.7823	2.147239	3.196721	11.78368	105.6132	4.447779	0
650	HAMPTON 216 - SAND	985.3944	8.588957	15.98361	39.57455	478.0937	20.08163	0
650	HAMPTON 217 - SYMS	511.7136	1.07362	4.262295	35.29622	549.9711	7.809524	0
660	HARRISON 101 - NOR	1552.397	27.06122	43.37884	124.8617	823.7746	16.1194	0
660	HARRISON 102 - EAST	751.265	18.73469	22.21843	52.29249	287.7194	12.89552	0
660	HARRISON 103 - SOUT	1411.468	33.30612	35.9727	120.5929	921.1398	30.08955	0
660	HARRISON 104 - EAST	1362.684	33.30612	26.45051	123.7945	962.7114	16.1194	0
660	HARRISON 105 - South	1338.834	23.93878	31.74061	122.7273	805.1768	13.97015	0
660	HARRISON 201 - NOR	1169.718	30.18367	48.66894	81.10672	876.2862	24.71642	0
660	HARRISON 202 - SOUT	1372.441	53.08163	50.78498	94.98024	906.9179	17.19403	0
660	HARRISON 203 - WES	1253.192	35.38776	50.78498	89.64427	678.2739	12.89552	0
670	HOPEWELL 101 - WARI	496.746	8.285714	7.9625	34.78974	530.9243	2.30303	0
670	HOPEWELL 201 - WARI	872.3078	5.178571	3.4125	8.697436	148.7029	3.454545	0
670	HOPEWELL 301 - WARI	421.4153	7.25	19.3375	42.4	1002.367	13.81818	0

670 HOPEWELL 401 - WARI	890.8676	7.25	23.8875	34.78974	837.142	0	0
670 HOPEWELL 501 - WARI	471.6358	10.35714	18.2	42.4	796.3864	11.51515	0
670 HOPEWELL 601 - WARI	925.8036	7.25	4.55	23.91795	167.4284	3.454545	0
670 HOPEWELL 701 - WARI	645.2239	12.42857	13.65	25.00513	402.0485	3.454545	0
678 LEXINGTON 001 - LEXIN	1514	20	56	92	766	17	0
680 LYNCHBUR 101 - FIRST	1311.002	15.40741	100.8617	116.1485	1545.021	28.75085	0
680 LYNCHBUR 102 - FIRST	1040.704	20.91005	77.50426	123.5398	1471.651	23.42662	0
680 LYNCHBUR 103 - FIRST	819.6499	4.402116	38.22128	72.85681	993.1517	12.77816	0
680 LYNCHBUR 104 - FIRST	550.4458	12.10582	14.86383	52.79479	371.1027	8.518771	0
680 LYNCHBUR 105 - FIRST	659.8784	6.603175	31.85106	71.80092	474.2459	10.64846	0
680 LYNCHBUR 201 - SECO	1975.258	20.91005	48.8383	72.85681	519.9691	31.94539	0
680 LYNCHBUR 202 - SECO	1596.621	14.30688	27.60426	58.07427	360.4694	14.90785	0
680 LYNCHBUR 203 - SECO	616.1053	1.100529	7.431915	8.447167	149.9297	3.194539	0
680 LYNCHBUR 204 - SECO	380.8253	4.402116	6.370213	17.95023	298.7962	5.324232	0
680 LYNCHBUR 301 - THIR	569.0493	12.10582	39.28298	60.18606	487.0059	8.518771	0
680 LYNCHBUR 302 - THIR	153.2056	4.402116	165.6255	144.6577	2912.465	30.88055	0
680 LYNCHBUR 303 - THIR	488.0692	11.00529	43.52979	66.52144	767.7254	13.843	0
680 LYNCHBUR 304 - THIR	436.6359	11.00529	41.40638	54.90658	734.7621	14.90785	0
680 LYNCHBUR 305 - THIR	733.1982	7.703704	85.99787	82.35988	1777.89	21.29693	0
680 LYNCHBUR 401 - FOUR	937.8371	13.20635	98.7383	107.7014	1972.48	25.55631	0
680 LYNCHBUR 402 - FOUR	472.7487	5.502646	21.23404	40.12404	645.4423	9.583618	0
680 LYNCHBUR 403 - FOUR	985.9874	23.11111	97.6766	141.49	1330.228	22.36177	0
680 LYNCHBUR 404 - FOUR	1064.779	19.80952	50.9617	86.58346	1169.665	25.55631	0
683 MANASSAS 001 - DEAN	1853.234	25.872	64.48544	107.9115	1588.285	33.80488	0
683 MANASSAS 002 - WEE	1432.271	28.224	44.18447	101.9165	1005.259	40.06504	0
683 MANASSAS 003 - METZ	1586.707	25.872	46.57282	79.13514	1148.868	35.05691	0
683 MANASSAS 004 - HAYD	1681.362	35.28	40.60194	97.12039	1232.332	15.02439	0
683 MANASSAS 005 - BALD	1869.425	31.752	50.15534	101.9165	978.2559	30.04878	0
685 MANASSAS 001 - PREC	1136.541	19.85294	25.59184	46.656	553.4505	8.68	0
685 MANASSAS 002 - PREC	1013.167	7.941176	15.12245	62.208	618.1738	7.44	0
685 MANASSAS 003 - PREC	1054.292	17.20588	16.28571	53.136	561.3758	14.88	0
690 MARTINSV 001 - PREC	586.2572	2.230769	3.122449	2.150943	24.43307	1.24	0
690 MARTINSV 002 - PREC	709.9122	14.5	16.65306	29.03774	464.2284	6.2	0
690 MARTINSV 003 - PREC	537.6784	0	6.244898	9.679245	245.4413	4.96	0
690 MARTINSV 004 - PREC	807.0697	3.346154	6.244898	15.0566	398.7034	4.96	0
690 MARTINSV 005 - PREC	557.5516	6.692308	15.61224	58.07547	1013.973	13.64	0
690 MARTINSV 006 - PREC	334.5309	2.230769	3.122449	0	2.221189	0	0
700 NEWPORT 101 - DENE	2007.166	28.04015	25.86111	56.52887	578.2797	25.57529	0
700 NEWPORT 102 - EPES	2130.499	26.96168	20.47338	63.99494	488.8995	10.00772	0
700 NEWPORT 103 - JENKI	1566.222	22.64781	29.09375	106.6582	860.42	25.57529	0
700 NEWPORT 104 - MCIN	1379.585	12.94161	28.0162	61.86178	401.6729	8.895753	1301.812
700 NEWPORT 105 - OYST	355.8108	8.627737	10.77546	34.13064	237.9885	4.447876	0
700 NEWPORT 106 - RESEI	2049.732	29.11861	37.71412	73.59418	908.8792	26.68726	770.7521
700 NEWPORT 107 - RICHI	1651.355	21.56934	40.94676	91.72609	996.1057	22.23938	1538.206
700 NEWPORT 108 - LEE H	1418.877	16.17701	20.47338	61.86178	502.8988	7.783784	505.7717
700 NEWPORT 109 - WINC	820.766	17.25547	12.93056	41.59671	516.8981	11.11969	790.5432
700 NEWPORT 110 - GREE	1763.774	28.04015	15.08565	84.26001	569.6648	13.34363	1652.554

700 NEWPORT 201 - BLAN	363.4509	4.313869	6.465278	17.06532	149.6851	4.447876	352.9407
700 NEWPORT 202 - BOUL	822.9489	19.41241	33.40394	89.59292	911.0329	28.9112	0
700 NEWPORT 203 - CHAR	1259.527	17.25547	44.1794	118.3906	1541.002	22.23938	0
700 NEWPORT 204 - WELL	1099.084	20.49088	36.63657	109.858	751.656	16.67954	0
700 NEWPORT 205 - DEEP	839.3206	20.49088	37.71412	99.19216	1318.09	25.57529	0
700 NEWPORT 208 - HIDEI	493.3328	3.235401	12.93056	51.19595	739.8104	12.23166	0
700 NEWPORT 209 - HILTC	807.6687	15.09854	34.48148	91.72609	850.7281	14.4556	0
700 NEWPORT 210 - NELS	1410.146	18.33394	45.25694	114.1243	1477.467	24.46332	0
700 NEWPORT 211 - PALM	1238.789	23.72628	35.55903	99.19216	761.3478	11.11969	85.76129
700 NEWPORT 212 - RIVEF	459.498	8.627737	29.09375	60.7952	634.277	15.56757	0
700 NEWPORT 213 - SANF	315.4274	5.392336	26.93866	30.93089	508.2831	3.335907	0
700 NEWPORT 215 - WAR	579.5568	12.94161	24.78356	37.33038	431.8253	6.671815	0
700 NEWPORT 216 - YATE	585.0141	5.392336	17.24074	56.52887	665.5063	5.559846	0
700 NEWPORT 217 - RIVEF	783.6569	5.392336	21.55093	69.32786	1001.49	22.23938	0
700 NEWPORT 218 - KILN	1722.299	12.94161	53.87731	114.1243	1266.4	24.46332	1642.659
700 NEWPORT 219 - DEER	1752.859	22.64781	32.32639	138.6557	707.5043	26.68726	0
700 NEWPORT 302 - BRIA	1240.972	9.706204	16.16319	26.66456	300.447	7.783784	0
700 NEWPORT 303 - CARV	774.9254	7.54927	11.85301	24.53139	264.9103	4.447876	0
700 NEWPORT 304 - CHES	710.5301	4.313869	2.155093	7.466077	13.99932	7.783784	0
700 NEWPORT 305 - DOW	419.1146	5.392336	6.465278	12.79899	91.53404	3.335907	0
700 NEWPORT 306 - DUNE	311.0616	3.235401	2.155093	6.399494	5.384355	1.111969	0
700 NEWPORT 307 - HUN	646.1349	0	2.155093	0	12.92245	6.671815	0
700 NEWPORT 308 - JEFFE	623.2146	5.392336	3.232639	5.332912	11.84558	4.447876	0
700 NEWPORT 309 - MAG	713.8045	7.54927	5.387731	6.399494	10.76871	4.447876	0
700 NEWPORT 310 - MAR	968.111	5.392336	7.542824	6.399494	21.53742	7.783784	0
700 NEWPORT 311 - NEW	1377.403	8.627737	16.16319	34.13064	478.1307	7.783784	0
700 NEWPORT 312 - NEW	260.8552	1.078467	0	0	3.230613	0	0
700 NEWPORT 313 - REED	1386.134	4.313869	3.232639	7.466077	31.22926	6.671815	0
700 NEWPORT 314 - RIVEF	600.2943	7.54927	7.542824	45.86304	390.9042	7.783784	0
700 NEWPORT 315 - SEDG	688.7013	7.54927	17.24074	71.46102	693.5049	8.895753	0
700 NEWPORT 316 - SOUT	1154.748	25.88321	22.62847	66.12811	595.5097	30.02317	0
700 NEWPORT 317 - WAS	409.2916	2.156934	0	1.066582	8.614968	2.223938	0
700 NEWPORT 318 - WILS	767.2852	5.392336	5.387731	14.93215	68.91975	3.335907	0
700 NEWPORT 319 - SAUN	1351.208	26.96168	33.40394	75.72735	1046.719	16.67954	0
700 NEWPORT 320 - WAT	1537.845	25.88321	34.48148	143.9886	1640.075	24.46332	0
710 NORFOLK (101 - GRAN	1462.738	24.41614	26.12587	99.67882	672.2966	15.69427	0
710 NORFOLK (102 - OCEA	582.2117	10.45775	8.678967	69.60452	472.3867	7.273743	0
710 NORFOLK (103 - NOR	720.419	12.5493	26.0369	71.77966	709.6344	6.234637	0
710 NORFOLK (104 - TITUS	772.467	14.76722	13.0444	20.74965	132.612	7.601395	0
710 NORFOLK (106 - SECO	1304.807	19.86972	18.4428	85.91808	691.7091	21.82123	0
710 NORFOLK (201 - LARC	2200.268	37.15499	46.80886	151.1613	954.2311	21.29936	0
710 NORFOLK (203 - GHEN	633.3441	3.184713	21.77156	46.00561	247.147	12.33121	0
710 NORFOLK (207 - LAME	1925.235	35.03185	9.797203	79.96213	231.631	13.45223	0
710 NORFOLK (208 - LARC	385.7044	2.123142	15.24009	35.05189	290.37	5.605096	0
710 NORFOLK (210 - MAU	1211.901	18.04671	31.56876	74.48527	415.6059	16.81529	0
710 NORFOLK (211 - CHRY	1485.838	33.97028	25.0373	113.9187	657.2114	22.42038	0
710 NORFOLK (212 - PARK	1189.986	11.67728	10.88578	17.52595	44.33129	5.605096	0

710 NORFOLK (213 - TAYL	1512.136	44.58599	34.8345	120.4909	467.6951	28.02548	0
710 NORFOLK (214 - STUA	1470.498	24.41614	18.50583	86.53436	424.4721	6.726115	0
710 NORFOLK (215 - SUBU	882.5677	14.64085	30.37638	45.67797	588.3745	14.54749	0
710 NORFOLK (217 - WESL	938.0683	19.86972	7.594096	52.20339	447.0802	8.312849	0
710 NORFOLK (218 - WILL	1339.008	15.92357	32.65734	124.8724	1026.269	24.66242	0
710 NORFOLK (301 - BALL	1385.029	22.29299	4.354312	28.47966	219.4399	7.847134	0
710 NORFOLK (302 - TANN	834.9623	10.61571	10.88578	31.76578	175.1086	4.484076	0
710 NORFOLK (303 - BROA	1970.16	11.67728	2.177156	19.71669	69.82179	6.726115	0
710 NORFOLK (304 - COLE	787.845	6.369427	4.354312	9.858345	169.5672	10.08917	0
710 NORFOLK (305 - LAFA'	1070.549	14.862	8.708625	28.47966	224.9813	6.726115	0
710 NORFOLK (306 - LIND	986.1759	9.55414	8.708625	14.23983	90.87915	5.605096	0
710 NORFOLK (309 - NOR\	2167.395	28.66242	21.77156	71.19916	531.9755	20.17834	0
710 NORFOLK (310 - ROSE	2206.843	12.73885	9.797203	31.76578	108.6117	7.847134	0
710 NORFOLK (311 - SHER	1813.468	26.53928	20.68298	97.48808	871.1099	20.17834	0
710 NORFOLK (313 - UNIO	843.7283	6.369427	5.44289	4.381487	14.40767	1.121019	0
710 NORFOLK (402 - BERK	1337.912	10.61571	3.265734	9.858345	14.40767	0	0
710 NORFOLK (403 - BRAN	919.3351	3.184713	6.531469	4.381487	13.29939	1.121019	0
710 NORFOLK (404 - CAMI	1322.571	6.369427	5.44289	9.858345	55.41412	3.363057	0
710 NORFOLK (405 - CHES'	1492.413	14.862	1.088578	7.667602	46.54786	8.968153	0
710 NORFOLK (406 - BARR	699.7423	16.73239	4.339483	41.32768	459.7335	5.195531	0
710 NORFOLK (408 - EAST	1013.57	11.67728	11.97436	52.57784	694.893	10.08917	0
710 NORFOLK (409 - FAIRL	777.9832	11.67728	16.32867	58.0547	523.1092	5.605096	0
710 NORFOLK (411 - RUFF	545.684	0	0	4.381487	17.73252	4.484076	0
710 NORFOLK (412 - INGL	1294.082	6.369427	6.531469	30.67041	167.3506	8.968153	0
710 NORFOLK (413 - POPL	1745.531	5.307856	14.15152	29.57504	341.351	11.21019	0
710 NORFOLK (414 - YOUN	1664.446	11.67728	8.708625	13.14446	28.81534	5.605096	0
710 NORFOLK (415 - LAKE	989.4632	9.55414	15.24009	42.7195	498.727	24.66242	0
710 NORFOLK (501 - BAYV	1016.422	17.77817	14.10332	117.4576	873.0718	12.46927	0
710 NORFOLK (503 - EAST	1131.776	24.05282	21.69742	78.30508	854.092	20.78212	0
710 NORFOLK (504 - LARR'	933.7153	20.91549	16.27306	53.29096	591.5378	6.234637	0
710 NORFOLK (505 - LITTL	585.4765	7.320423	5.424354	55.4661	610.5176	5.195531	0
710 NORFOLK (506 - OCEA	1373.367	27.19014	24.95203	85.91808	682.2191	13.50838	0
710 NORFOLK (507 - PRETI	987.0394	32.41901	26.0369	83.74294	709.6344	12.46927	0
710 NORFOLK (509 - TARR	765.0371	13.59507	21.69742	78.30508	1030.183	15.58659	0
710 NORFOLK (510 - THIRI	859.7145	17.77817	24.95203	115.2825	1052.326	15.58659	0
710 NORFOLK (511 - CROS	926.0976	26.14437	27.12177	83.74294	830.8944	8.312849	0
710 NORFOLK (512 - AZAL	558.2703	9.411972	10.84871	28.27684	507.183	9.351955	0
720 NORTON C 001 - EAST	383	6	22	24	1021	4	0
730 PETERSBUF 101 - FIRST	1458.479	5.491803	8.436364	8.041322	151.1458	4.545455	0
730 PETERSBUF 201 - SECO	2078.031	13.18033	15.81818	27.57025	211.6042	6.818182	0
730 PETERSBUF 301 - THIRI	1946.647	15.37705	11.6	45.95041	483.6667	12.5	0
730 PETERSBUF 401 - FOUR	1505.488	9.885246	4.218182	25.27273	264.8075	4.545455	0
730 PETERSBUF 501 - FIFTH	1640.487	10.98361	5.272727	16.08264	119.7075	11.36364	0
730 PETERSBUF 601 - SIXTH	1568.166	5.491803	5.272727	3.446281	43.53	2.272727	0
730 PETERSBUF 701 - SEVEI	1823.701	6.590164	7.381818	12.63636	176.5383	7.954545	0
735 POQUOSOIO001 - CENT	504.7019	10.18421	28.5	96.45211	1603.638	21.75	0
735 POQUOSOIO002 - EASTI	536.8409	14.71053	26.125	105.8621	1825.371	12.08333	0

735	POQUOSOI003 - WEST	559.4572	18.10526	21.375	104.6858	1662.991	24.16667	0
740	PORTSMOI001 - EMAI	906.9586	16.94426	9.517572	71.85127	414.5782	6.826531	0
740	PORTSMOI005 - HAMI	976.8982	2.118033	3.172524	5.362035	16.11055	0	0
740	PORTSMOI007- PARK	707.2923	4.236066	11.63259	33.24462	205.141	7.964286	0
740	PORTSMOI009 - THIRI	1164.156	12.7082	6.345048	27.88258	202.9929	4.55102	0
740	PORTSMOI010 - PORT	474.9124	4.236066	8.460064	46.1135	284.6197	1.137755	0
740	PORTSMOI011 - JOSEF	1082.936	5.295082	4.230032	6.434442	20.4067	6.826531	0
740	PORTSMOI013 - ST. M	859.5802	4.236066	1.057508	3.217221	15.03651	5.688776	0
740	PORTSMOI014 - BRIGI	1140.467	7.413115	7.402556	10.72407	32.2211	5.688776	0
740	PORTSMOI016 - CRAD	918.2392	16.94426	10.57508	37.53425	345.8398	11.37755	0
740	PORTSMOI017 - VICTC	1017.508	19.0623	6.345048	33.24462	459.6877	7.964286	0
740	PORTSMOI019 - VICTC	406.1009	8.472131	8.460064	19.30333	373.7648	3.413265	0
740	PORTSMOI020 - NOBL	744.5182	11.64918	6.345048	30.0274	269.5832	4.55102	0
740	PORTSMOI021 - JOHN	822.3542	7.413115	1.057508	2.144814	20.4067	2.27551	0
740	PORTSMOI022 - ST. M	706.1643	11.64918	16.92013	40.75147	534.8703	6.826531	0
740	PORTSMOI023 - WEST	463.6318	14.82623	14.80511	58.98239	742.1594	6.826531	0
740	PORTSMOI024 - THE S	680.2189	7.413115	8.460064	35.38943	341.5437	1.137755	0
740	PORTSMOI025 - JOHN	705.0362	9.531148	15.86262	50.40313	554.203	6.826531	0
740	PORTSMOI026 - WILLI	1314.188	6.354098	6.345048	9.651663	30.07303	1.137755	0
740	PORTSMOI027 - CAVA	1302.907	7.413115	5.28754	15.0137	34.36918	3.413265	0
740	PORTSMOI028 - LAKE	1637.94	10.59016	10.57508	7.506849	42.96147	9.102041	0
740	PORTSMOI029 - WOO	278.6303	10.59016	6.345048	39.67906	627.2375	3.413265	0
740	PORTSMOI030 - THE F	344.0577	10.59016	13.7476	37.53425	811.9718	6.826531	0
740	PORTSMOI031 - WEST	1196.869	13.76721	17.97764	43.96869	712.0864	10.2398	0
740	PORTSMOI032 - HODC	400.4606	3.177049	6.345048	26.81018	630.4596	12.51531	0
740	PORTSMOI033- PINEC	241.4044	5.295082	6.345048	45.0411	673.4211	4.55102	0
740	PORTSMOI034- CHUR	526.8031	12.7082	9.517572	66.48924	714.2344	7.964286	0
740	PORTSMOI035 - CHUF	639.6089	8.472131	22.20767	65.41683	879.6361	12.51531	0
740	PORTSMOI036 - SCOT	1470.988	25.41639	29.61022	85.79256	1264.141	21.61735	0
740	PORTSMOI037 - CHUF	1468.731	15.88525	22.20767	61.1272	663.7547	10.2398	0
740	PORTSMOI038 - GROV	2172.64	15.88525	17.97764	35.38943	254.5467	18.20408	0
740	PORTSMOI039 - CHUF	1724.801	12.7082	15.86262	43.96869	622.9413	11.37755	0
750	RADFORD (001 - EAST	1476.838	28.47273	30.71845	163.7018	934.0442	18.08511	0
750	RADFORD (002 - CENT	773.1618	15.81818	32.91262	59.14386	725.639	22.34043	0
750	RADFORD (003 - WEST	675	13.70909	49.36893	78.15439	978.3168	9.574468	0
760	RICHMONI 101 - ONE I	1361.195	11.46507	28.49577	143.9495	725.3484	31.19021	0
760	RICHMONI 102 - ONE I	540.1566	6.253676	20.05258	74.12326	419.712	4.302098	0
760	RICHMONI 104 - ONE I	810.2349	5.211397	29.55117	122.4645	640.3298	18.28392	0
760	RICHMONI 105 - ONE I	896.66	8.338235	33.77277	106.3508	484.2831	18.28392	0
760	RICHMONI 106 - ONE I	613.6179	5.211397	34.82817	117.0933	835.1192	25.81259	0
760	RICHMONI 111 - ONE I	817.7971	7.295956	22.16338	71.97475	478.9021	8.604196	0
760	RICHMONI 112 - ONE I	755.1389	4.169118	16.88638	63.38075	347.6076	7.528671	0
760	RICHMONI 113 - ONE I	1356.873	29.18382	26.38498	97.75676	281.9604	15.05734	0
760	RICHMONI 114 - ONE I	1563.213	32.31066	23.21878	152.5435	387.4264	31.19021	0
760	RICHMONI 203 - TWO	1669.084	19.80331	35.88357	105.2765	428.3215	12.90629	0
760	RICHMONI 204 - TWO	1426.013	34.39522	33.77277	114.9448	364.8266	17.20839	0
760	RICHMONI 206 - TWO	2493.363	51.07169	11.60939	100.9795	246.4463	17.20839	0

760 RICHMOND 207 - TWO	1480.029	23.97243	21.10798	113.8705	389.5788	22.58601	0
760 RICHMOND 208 - TWO	1594.542	19.80331	35.88357	112.7963	356.2171	17.20839	0
760 RICHMOND 213 - TWO	2356.163	68.79044	17.94178	92.38551	196.9418	22.58601	0
760 RICHMOND 301 - THRE	930.1497	8.338235	3.166197	11.81675	26.90461	4.302098	0
760 RICHMOND 302 - THRE	932.3103	9.380515	14.77559	27.9305	99.00898	3.226573	0
760 RICHMOND 303 - THRE	823.1987	9.380515	7.387793	19.3365	40.89501	2.151049	0
760 RICHMOND 304 - THRE	1200.228	16.67647	3.166197	13.96525	32.28554	11.83077	0
760 RICHMOND 305 - THRE	1162.417	17.71875	25.32958	40.8215	88.24713	13.98182	0
760 RICHMOND 306 - THRE	1041.422	17.71875	9.498592	30.079	57.03778	4.302098	0
760 RICHMOND 307 - THRE	1031.699	10.42279	16.88638	52.63825	209.856	11.83077	0
760 RICHMOND 308 - THRE	1085.715	9.380515	17.94178	60.158	247.5224	12.90629	0
760 RICHMOND 309 - THRE	679.517	6.253676	12.66479	38.673	342.2267	4.302098	0
760 RICHMOND 310 - THRE	656.8304	3.126838	0	3.22275	4.304738	4.302098	0
760 RICHMOND 402 - FOUR	1663.682	23.97243	32.71737	143.9495	533.7875	22.58601	0
760 RICHMOND 404 - FOUR	1504.876	31.26838	24.27418	73.04901	410.0263	13.98182	0
760 RICHMOND 409 - FOUR	1558.892	18.76103	28.49577	113.8705	1028.832	24.73706	0
760 RICHMOND 410 - FOUR	1127.847	16.67647	23.21878	47.267	441.2357	10.75524	0
760 RICHMOND 412 - FOUR	1099.759	12.50735	21.10798	48.34125	329.3125	10.75524	0
760 RICHMOND 413 - FOUR	976.6032	16.67647	20.05258	67.67775	461.6832	8.604196	0
760 RICHMOND 414 - FOUR	972.2819	14.59191	29.55117	78.42026	601.5872	10.75524	0
760 RICHMOND 501 - FIVE I	1650.719	30.2261	13.72019	84.86576	231.3797	11.83077	0
760 RICHMOND 503 - FIVE I	1677.726	10.42279	15.83099	70.9005	150.6658	6.453147	0
760 RICHMOND 504 - FIVE I	2086.085	45.86029	31.66197	121.3903	280.8842	30.11469	0
760 RICHMOND 505 - FIVE I	969.041	34.39522	9.498592	59.08375	148.5135	9.67972	0
760 RICHMOND 508 - FIVE I	770.2633	16.67647	16.88638	49.4155	142.0564	15.05734	0
760 RICHMOND 509 - FIVE I	1329.866	11.46507	11.60939	30.079	78.56147	6.453147	0
760 RICHMOND 510 - FIVE I	1381.721	19.80331	20.05258	51.564	106.5423	18.28392	0
760 RICHMOND 602 - SIX H	1047.904	5.211397	5.276995	2.1485	13.9904	23.66154	0
760 RICHMOND 603 - SIX H	1168.899	20.84559	9.498592	10.7425	32.28554	4.302098	0
760 RICHMOND 604 - SIX H	902.0615	10.42279	3.166197	10.7425	34.43791	3.226573	0
760 RICHMOND 606 - SIX H	1383.881	9.380515	9.498592	12.891	50.58067	7.528671	0
760 RICHMOND 607 - SIX H	1449.78	31.26838	18.99718	60.158	259.3605	12.90629	0
760 RICHMOND 609 - SIX H	1601.024	33.35294	10.55399	71.97475	193.7132	9.67972	0
760 RICHMOND 610 - SIX H	1060.868	5.211397	8.443192	2.1485	23.67606	3.226573	0
760 RICHMOND 701 - SEVEI	1233.718	7.295956	3.166197	6.4455	17.21895	2.151049	0
760 RICHMOND 702 - SEVEI	1073.831	15.63419	20.05258	23.6335	37.66646	7.528671	0
760 RICHMOND 703 - SEVEI	1093.277	10.42279	28.49577	34.376	38.74264	10.75524	0
760 RICHMOND 705 - SEVEI	957.1575	21.88787	18.99718	45.1185	94.70424	16.13287	0
760 RICHMOND 706 - SEVEI	1759.83	25.01471	11.60939	32.2275	103.3137	15.05734	0
760 RICHMOND 707 - SEVEI	2022.346	33.35294	30.60657	93.45976	263.6652	19.35944	0
760 RICHMOND 708 - SEVEI	1678.807	32.31066	32.71737	131.0585	357.2933	19.35944	0
760 RICHMOND 802 - EIGH	1079.233	9.380515	6.332394	12.891	20.44751	6.453147	0
760 RICHMOND 806 - EIGH	1402.247	13.54963	5.276995	4.297	138.8278	7.528671	0
760 RICHMOND 810 - EIGH	1020.896	10.42279	6.332394	8.594001	122.685	7.528671	0
760 RICHMOND 811 - EIGH	1332.026	12.50735	12.66479	8.594001	101.1613	8.604196	0
760 RICHMOND 812 - EIGH	1639.915	12.50735	9.498592	18.26225	250.751	9.67972	0
760 RICHMOND 814 - EIGH	975.5228	9.380515	8.443192	5.37125	52.73304	2.151049	0

760	RICHMOND	902 - NINE	570.4054	5.211397	6.332394	7.519751	41.9712	0	0
760	RICHMOND	903 - NINE	1424.933	8.338235	8.443192	11.81675	170.0372	4.302098	0
760	RICHMOND	908 - NINE	1349.311	9.380515	12.66479	29.00475	126.9898	4.302098	0
760	RICHMOND	909 - NINE	1491.913	18.76103	16.88638	21.485	148.5135	8.604196	0
760	RICHMOND	910 - NINE	1231.557	14.59191	6.332394	16.11375	140.9802	4.302098	0
760	RICHMOND	911 - NINE	1260.726	9.380515	12.66479	7.519751	68.87581	7.528671	0
770	ROANOKE	001 - Peter	1403.806	22.59424	9.991935	19.60927	335.7611	11.56682	0
770	ROANOKE	002 - Grant	1193.235	21.51832	17.76344	43.57616	597.2779	17.35023	0
770	ROANOKE	003 - Presto	806.6133	12.91099	17.76344	68.63245	1111.447	9.253456	0
770	ROANOKE	004 - Willia	876.8036	21.51832	14.4328	63.18543	806.713	10.41014	0
770	ROANOKE	005 - East C	663.9313	10.75916	7.771505	70.81126	1125.852	11.56682	0
770	ROANOKE	006 - Hollir	965.4045	16.13874	23.31452	81.7053	916.4171	12.7235	0
770	ROANOKE	007 - South	617.9049	23.67016	18.87366	67.54305	780.1181	23.13364	0
770	ROANOKE	008 - Linco	1302.548	11.83508	4.44086	21.78808	93.08227	5.78341	0
770	ROANOKE	009 - Highl	1189.783	31.20157	17.76344	94.77815	415.5459	17.35023	0
770	ROANOKE	010 - Old S	1169.071	48.41623	26.64516	106.7616	626.0891	19.66359	0
770	ROANOKE	011 - RALEI	1288.74	21.51832	33.30645	81.7053	810.0374	16.19355	0
770	ROANOKE	012 - SOUT	792.8053	10.75916	44.4086	57.73841	890.9303	11.56682	0
770	ROANOKE	013 - GARC	634.0141	19.36649	17.76344	87.15232	1171.285	3.470046	0
770	ROANOKE	014 - Cryst	1091.977	20.44241	36.6371	78.43709	946.3364	12.7235	0
770	ROANOKE	015 - Grant	1010.28	29.04974	32.19624	78.43709	866.5516	19.66359	0
770	ROANOKE	016 - Deye	869.8996	8.60733	15.54301	47.93377	1052.716	12.7235	0
770	ROANOKE	017 - LEE-H	1055.156	25.82199	22.2043	99.13576	769.0369	11.56682	0
770	ROANOKE	018 - OLD T	1380.793	23.67016	17.76344	52.29139	519.7094	15.03687	0
770	ROANOKE	018 - Sumn	1012.582	11.83508	24.42473	55.5596	704.7658	4.626728	0
770	ROANOKE	019 - Fores	953.8979	7.531414	7.771505	15.25166	97.51476	2.313364	0
770	ROANOKE	020 - EURE	2006.753	11.83508	2.22043	23.96689	151.8128	2.313364	0
775	SALEM CIT'	001 - NOR	689.1925	15.33333	20.84722	69.09677	789.7207	10.82474	0
775	SALEM CIT'	002 - CONE	297.3439	5.897436	6.583333	31.80645	469.6235	8.659794	0
775	SALEM CIT'	003 - BEVE	213.2117	4.717949	18.65278	21.93548	550.4785	8.659794	0
775	SALEM CIT'	004 - WEST	353.8162	8.25641	17.55556	53.74194	755.385	14.07216	0
775	SALEM CIT'	005 - NOR	651.1602	11.79487	12.06944	64.70968	900.481	11.90722	0
775	SALEM CIT'	006 - SOUT	321.5464	5.897436	9.875	27.41935	501.744	3.247423	0
775	SALEM CIT'	007 - SOUT	382.6286	12.97436	13.16667	51.54839	767.5687	17.31959	0
775	SALEM CIT'	008 - EAST	183.2468	8.25641	9.875	17.54839	324.5276	2.164948	0
775	SALEM CIT'	009 - SOUT	478.2858	10.61538	18.65278	54.83871	1089.881	10.82474	0
775	SALEM CIT'	010 - HIDD	631.5677	8.25641	30.72222	49.35484	1076.59	17.31959	0
790	STAUNTON	101 - WARI	1000.732	16.35	37.34899	77.95349	1079.122	10.85106	0
790	STAUNTON	201 - WARI	1094.334	43.6	23.47651	89.86305	1407.934	15.19149	0
790	STAUNTON	301 - WARI	974.1536	19.62	28.81208	101.7726	1098.983	21.70213	0
790	STAUNTON	401 - WARI	895.5742	10.9	37.34899	70.37468	844.0982	28.21277	0
790	STAUNTON	501 - WARI	1368.206	18.53	32.01342	79.03618	702.8635	26.04255	0
800	SUFFOLK C	101 - BELLE	902.6663	12.11392	15.22807	49.52624	384.0287	7.209677	0
800	SUFFOLK C	102 - DRIV	1041.357	15.41772	53.29825	93.54956	1936.889	20.42742	0
800	SUFFOLK C	104 - BENN	960.2582	24.22785	34.80702	72.63848	938.8609	16.82258	0
800	SUFFOLK C	201 - EBEN	470.1387	7.708861	22.84211	37.41983	1023.704	4.806452	0
800	SUFFOLK C	202 - CHUC	595.9008	8.810127	10.87719	44.02332	916.5337	7.209677	0

800 SUFFOLK C 203 - KING	1326.966	12.11392	17.40351	60.53207	775.872	8.41129	0
800 SUFFOLK C 204 - HILLP	1049.585	6.607595	22.84211	44.02332	627.3958	4.806452	0
800 SUFFOLK C 301 - WHIT	401.3205	1.065217	5.25	5.444444	189.8942	0	384.9131
800 SUFFOLK C 302 - JOHN	1788.265	7.564667	5.325439	25.24325	245.0494	5.691795	1488.41
800 SUFFOLK C 304 - NANS	1192.977	18.72152	32.63158	56.12974	692.1448	6.008065	0
800 SUFFOLK C 305 - SHOL	526.5553	5.506329	7.614035	22.01166	330.4433	1.201613	0
800 SUFFOLK C 401 - AIRPC	425.4239	3.195652	9.45	28.31111	667.9038	3.130435	0
800 SUFFOLK C 402 - WHA	319.3692	3.195652	8.4	49	897.0865	7.304348	0
800 SUFFOLK C 403 - SOUT	870.1304	2.130435	4.2	2.177778	46.92788	2.086957	681.6417
800 SUFFOLK C 404 - BOOK	1482.621	5.434232	9.45	8.711111	74.38665	3.446704	1387.117
800 SUFFOLK C 405 - PITTM	238.623	2.130435	3.15	9.8	272.8365	4.173913	0
800 SUFFOLK C 501 - KILBY	882.182	7.456522	17.85	60.97778	1434.029	9.391304	0
800 SUFFOLK C 502 - HOLL	754.4344	8.521739	14.7	56.62222	1285.606	4.173913	0
800 SUFFOLK C 504 - LAKE	632.8216	7.49257	23.17544	53.55436	1440.971	11.95266	0
800 SUFFOLK C 601 - LAKE	1177.448	6.391304	24.15	63.15556	688.6394	4.173913	251.4448
800 SUFFOLK C 602 - OLDE	362.2453	4.405063	5.438596	14.30758	192.0144	2.403226	462.3724
800 SUFFOLK C 603 - ELEPH	269.9573	2.130435	5.25	17.42222	300.1202	2.086957	0
800 SUFFOLK C 604 - WILR	573.5692	7.708861	16.31579	55.02915	664.2357	10.81452	0
800 SUFFOLK C 605 - HOLL	850.951	2.202532	2.175439	9.905248	26.7927	6.008065	759.101
800 SUFFOLK C 702 - HARB	1066.039	7.708861	27.19298	62.73324	990.2136	16.82258	0
800 SUFFOLK C 704 - BURB	1369.279	11.01266	22.84211	67.13557	660.8866	8.41129	0
800 SUFFOLK C 706 - HUN	1748.916	22.02532	14.14035	28.61516	302.5343	18.02419	0
810 VIRGINIA B 001 - NOR	940.7613	9.989137	18.17776	80.40952	1625.12	19.7962	0
810 VIRGINIA B 002 - SOUT	1019.059	29.96741	29.53885	130.2408	1156.964	30.27654	0
810 VIRGINIA B 003 - OCEA	666.7186	12.20895	14.76943	74.74688	971.3358	15.13827	0
810 VIRGINIA B 004 - LINK	820.9417	14.42875	17.04165	80.40952	1170.973	15.13827	0
810 VIRGINIA B 005 - SEAT	1230.226	34.40703	26.13052	101.9276	916.4647	29.11206	0
810 VIRGINIA B 006 - ALAN	841.1094	12.20895	30.67496	86.07216	1333.252	20.96068	0
810 VIRGINIA B 007 - KING	517.2408	6.659425	20.44997	80.40952	901.2876	12.80931	0
810 VIRGINIA B 008 - LONC	1060.581	34.40703	28.40274	127.9757	1257.366	24.45413	0
810 VIRGINIA B 009 - TRAN	737.8985	9.989137	27.26663	78.14446	1274.878	11.64482	0
810 VIRGINIA B 010 - GREA	690.4452	9.989137	15.90554	84.93964	1532.889	17.46723	0
810 VIRGINIA B 011 - CAPE	1053.463	13.31885	19.31386	90.60228	1273.711	24.45413	0
810 VIRGINIA B 012 - PLAZ	1137.692	34.40703	32.94718	113.2528	1008.695	22.12516	0
810 VIRGINIA B 013 - MT T	1134.133	23.30799	24.99441	141.5661	1361.271	16.30275	0
810 VIRGINIA B 014 - MALI	972.7922	17.75847	24.99441	106.4577	1263.204	22.12516	0
810 VIRGINIA B 015 - OLD I	711.7992	15.53866	18.17776	107.5902	834.7417	9.315858	0
810 VIRGINIA B 016 - ARAG	1270.562	28.85751	20.44997	149.4938	1405.635	18.63172	0
810 VIRGINIA B 017 - OCEA	698.7496	16.64856	26.13052	88.33722	912.9623	10.48034	0
810 VIRGINIA B 018 - THOR	1029.736	17.75847	28.40274	90.60228	1293.558	47.74377	0
810 VIRGINIA B 019 - LAKE	461.4831	8.879233	7.952768	52.09631	763.526	9.315858	0
810 VIRGINIA B 020 - BAYS	787.7245	15.53866	20.44997	52.09631	1028.542	4.657929	0
810 VIRGINIA B 021 - DAVI	1560.027	22.19808	14.76943	56.62642	470.4908	23.28965	0
810 VIRGINIA B 022 - POIN	721.2899	21.08818	27.26663	60.02401	1027.374	16.30275	0
810 VIRGINIA B 023 - ARRC	842.2957	35.51693	27.26663	89.46975	1257.366	16.30275	0
810 VIRGINIA B 024 - LARK	743.8302	13.31885	17.04165	72.48182	760.0236	6.986894	0
810 VIRGINIA B 025 - AVAL	1385.636	31.07732	36.35551	124.5781	1499.033	31.44102	0

810 VIRGINIA B 026 - FAIRF	823.3144	16.64856	31.81107	86.07216	1006.36	22.12516	0
810 VIRGINIA B 027 - EDWI	850.6	8.879233	27.26663	91.73481	1230.514	23.28965	0
810 VIRGINIA B 028 - THAL	644.1783	15.53866	26.13052	77.01194	917.6322	22.12516	0
810 VIRGINIA B 029 - HOLL	1231.413	34.40703	36.35551	99.66251	791.5453	16.30275	0
810 VIRGINIA B 030 - RED \	651.2963	16.64856	12.49721	77.01194	1140.619	18.63172	0
810 VIRGINIA B 031 - SIGM	977.5376	8.879233	40.89995	107.5902	2106.118	23.28965	0
810 VIRGINIA B 032 - CREE	225.4031	7.769329	9.088878	36.24091	916.4647	9.315858	0
810 VIRGINIA B 033 - CAPP	255.0614	3.329712	6.816658	26.04815	976.0057	2.328965	0
810 VIRGINIA B 034 - BLAC	173.2045	1.109904	3.408329	24.91563	587.2379	1.164482	0
810 VIRGINIA B 035 - COUF	653.6689	13.31885	20.44997	65.68665	1340.257	18.63172	0
810 VIRGINIA B 036 - WINC	1455.629	14.42875	27.26663	120.048	1037.882	19.7962	0
810 VIRGINIA B 037 - CHES	780.6065	17.75847	21.58608	107.5902	845.249	9.315858	0
810 VIRGINIA B 038 - WITC	969.2332	12.20895	28.40274	81.54205	1615.78	22.12516	0
810 VIRGINIA B 039 - PEME	1261.071	21.08818	27.26663	126.8432	1297.06	20.96068	0
810 VIRGINIA B 040 - BONI	829.2461	16.64856	27.26663	72.48182	832.4068	24.45413	0
810 VIRGINIA B 041 - COLI	1896.945	23.30799	17.04165	80.40952	635.1042	17.46723	0
810 VIRGINIA B 042 - BRAN	1123.456	21.08818	30.67496	84.93964	1050.724	18.63172	0
810 VIRGINIA B 043 - BELL	1110.407	23.30799	40.89995	98.52998	710.9898	15.13827	0
810 VIRGINIA B 044 - CENT	1043.972	31.07732	30.67496	113.2528	1350.764	29.11206	0
810 VIRGINIA B 045 - TIMB	1406.99	11.09904	23.8583	86.07216	626.9319	13.97379	0
810 VIRGINIA B 046 - GREE	1233.785	13.31885	19.31386	48.69872	650.2813	10.48034	0
810 VIRGINIA B 047 - KING	937.2023	26.6377	40.89995	96.26492	1613.445	32.6055	0
810 VIRGINIA B 048 - WOLI	996.5189	11.09904	23.8583	99.66251	1382.286	24.45413	0
810 VIRGINIA B 049 - LYNN	705.8675	11.09904	22.72219	72.48182	1258.534	20.96068	0
810 VIRGINIA B 050 - OCEA	944.3203	16.64856	20.44997	77.01194	479.8306	22.12516	0
810 VIRGINIA B 051 - STRA	791.2834	25.5278	18.17776	81.54205	1072.906	34.93447	0
810 VIRGINIA B 052 - HOM	1187.518	23.30799	24.99441	112.1203	1327.414	18.63172	0
810 VIRGINIA B 053 - SHAN	797.2151	13.31885	20.44997	55.49389	969.0009	6.986894	0
810 VIRGINIA B 054 - CROM	798.4014	12.20895	15.90554	84.93964	753.0188	15.13827	0
810 VIRGINIA B 055 - MAG	1358.35	32.18722	22.72219	115.5179	753.0188	29.11206	0
810 VIRGINIA B 056 - EDINI	423.5205	14.42875	6.816658	56.62642	686.4729	6.986894	0
810 VIRGINIA B 057 - SHER	577.7437	17.75847	14.76943	55.49389	820.7321	9.315858	0
810 VIRGINIA B 058 - GLEN	1087.866	17.75847	21.58608	87.20469	1026.207	13.97379	0
810 VIRGINIA B 059 - SHEL	759.2525	11.09904	21.58608	55.49389	741.344	23.28965	0
810 VIRGINIA B 060 - FOXF	805.5194	14.42875	20.44997	90.60228	1590.095	23.28965	0
810 VIRGINIA B 061 - BAKE	1806.784	23.30799	21.58608	48.69872	259.1785	17.46723	0
810 VIRGINIA B 062 - LAND	1034.482	19.97827	31.81107	80.40952	1244.524	18.63172	0
810 VIRGINIA B 063 - CULV	1038.041	24.41789	30.67496	126.8432	1485.023	16.30275	0
810 VIRGINIA B 064 - ROSE	1458.002	15.53866	30.67496	106.4577	1379.951	10.48034	0
810 VIRGINIA B 065 - COLO	943.1339	16.64856	42.03606	89.46975	985.3455	19.7962	0
810 VIRGINIA B 066 - HUNT	686.8862	22.19808	18.17776	90.60228	1208.332	25.61861	0
810 VIRGINIA B 067 - EAST	543.3401	13.31885	7.952768	73.61435	468.1558	15.13827	0
810 VIRGINIA B 068 - MAN	832.8051	13.31885	18.17776	91.73481	1090.418	16.30275	0
810 VIRGINIA B 069 - SHEL	1193.45	11.09904	18.17776	55.49389	477.4956	16.30275	0
810 VIRGINIA B 070 - CORP	1079.562	27.7476	20.44997	141.5661	1249.194	27.94758	0
810 VIRGINIA B 071 - ROU	586.048	1.109904	11.3611	48.69872	486.8354	4.657929	0
810 VIRGINIA B 072 - RUDE	765.1841	24.41789	20.44997	89.46975	1297.06	15.13827	0

810 VIRGINIA B 073 - DAHL	1110.407	21.08818	19.31386	83.80711	615.2572	25.61861	0
810 VIRGINIA B 074 - BUCK	1149.556	18.86837	17.04165	62.28907	656.1187	11.64482	0
810 VIRGINIA B 075 - COLO	870.7677	12.20895	23.8583	103.0601	1397.463	15.13827	0
810 VIRGINIA B 076 - VILLA	1173.282	17.75847	17.04165	108.7227	603.5825	11.64482	0
810 VIRGINIA B 077 - BROC	945.5066	27.7476	28.40274	101.9276	960.8286	27.94758	0
810 VIRGINIA B 078 - INDIA	908.7303	16.64856	26.13052	79.27699	811.3923	4.657929	0
810 VIRGINIA B 079 - PLEA	1157.86	23.30799	22.72219	83.80711	583.7355	13.97379	0
810 VIRGINIA B 080 - CHIM	1070.071	35.51693	29.53885	72.48182	600.0801	17.46723	0
810 VIRGINIA B 081 - ROCK	1290.729	16.64856	24.99441	93.99986	918.7996	11.64482	0
810 VIRGINIA B 082 - SHEL	675.0229	16.64856	22.72219	70.21676	960.8286	26.78309	0
810 VIRGINIA B 083 - STRA	792.4698	19.97827	42.03606	125.7107	1398.63	20.96068	0
810 VIRGINIA B 084 - TALL	1163.792	23.30799	38.62773	92.86733	861.5936	22.12516	0
810 VIRGINIA B 085 - UPTC	978.7239	24.41789	30.67496	110.9878	1609.942	24.45413	0
810 VIRGINIA B 086 - HAYG	975.1649	7.769329	21.58608	54.36137	1149.959	31.44102	0
810 VIRGINIA B 087 - HILLC	818.5691	13.31885	20.44997	67.95171	1039.049	26.78309	0
810 VIRGINIA B 088 - NOR	724.8489	15.53866	21.58608	61.15654	998.1877	10.48034	0
810 VIRGINIA B 089 - LAKE	863.6497	9.989137	30.67496	87.20469	1050.724	15.13827	0
810 VIRGINIA B 090 - LAKE	523.1724	9.989137	14.76943	65.68665	849.9188	13.97379	0
810 VIRGINIA B 091 - LEXIN	1163.792	22.19808	24.99441	75.87941	762.3585	12.80931	0
810 VIRGINIA B 092 - LITTL	600.284	16.64856	21.58608	61.15654	935.1442	16.30275	0
810 VIRGINIA B 093 - NEW	1678.66	13.31885	20.44997	48.69872	289.5328	17.46723	0
810 VIRGINIA B 094 - PINE	466.2285	15.53866	14.76943	50.96378	646.7789	9.315858	0
810 VIRGINIA B 095 - DAM	545.7127	7.769329	6.816658	57.75895	767.0284	11.64482	0
810 VIRGINIA B 096 - HILLT	807.8921	23.30799	12.49721	72.48182	619.9271	23.28965	0
810 VIRGINIA B 097 - INDIA	1150.742	13.31885	18.17776	88.33722	661.956	25.61861	0
810 VIRGINIA B 098 - INDEI	654.8553	12.20895	14.76943	57.75895	402.7775	8.151376	0
820 WAYNESBC 001 - WARI	695.5337	16.21918	13.27465	47.69032	755.1046	14.18182	0
820 WAYNESBC 002 - WARI	1063.048	23.31507	35.73944	112.7226	1319.548	26.18182	0
820 WAYNESBC 003 - WARI	811.8216	20.27397	36.76056	70.45161	1036.249	13.09091	0
820 WAYNESBC 004 - WARI	1193.597	14.19178	59.22535	105.1355	1690.098	30.54545	0
830 WILLIAMSE 001 - STRYI	2479.748	44.8	47.25275	112.2	1056.769	38.85714	2361.453
830 WILLIAMSE 002 - MATC	2726.252	39.2	52.74725	118.8	868.2314	41.14286	2503.547
840 WINCHEST 101 - MERF	1038.829	11.96703	16.41026	81.79272	985.6518	22.33766	0
840 WINCHEST 102 - OLD	744.3395	22.84615	25.16239	69.46779	792.7584	15.63636	0
840 WINCHEST 201 - VIRGI	1142.016	30.46154	26.25641	78.43137	710.2491	8.935065	0
840 WINCHEST 301 - WAR	971.5833	19.58242	16.41026	96.35854	861.8878	16.75325	0
840 WINCHEST 401 - FRED	439.4154	6.527473	12.03419	29.13165	479.446	7.818182	0
840 WINCHEST 402 - ROLL	827.8168	7.615385	31.7265	44.81793	960.007	14.51948	0

GE16SLLR	GE16SLLW	GE16SLUD	GE16SLUI	GE16SLUR	GE16SLUW	GE16USRD	GE16USRI	GE16USRR	GE16USRW
0	0	0	0	0	0	453.211	0	1318.333	2
0	0	0	0	0	0	143.8403	0	642.9577	2
0	0	0	0	0	0	297.9548	0	798.5642	1
0	0	0	0	0	0	723.7676	0	669.9727	0
0	0	0	0	0	0	124.4332	0	395.5	0
0	0	0	0	0	0	198.6365	0	580.2828	1
0	0	0	0	0	0	37.67245	0	168.5738	0
0	0	0	0	0	0	376.7245	0	306.8907	0
0	0	0	0	0	0	358.4591	0	177.2186	0
0	0	0	0	0	0	450.9278	0	769.388	0
0	0	0	0	0	0	15.98225	0	252.8607	0
0	0	0	0	0	0	724.9092	0	1238.369	1
0	0	0	0	0	0	194.0702	0	446.2883	1
0	0	0	0	0	0	412.1138	0	495.9959	0
0	0	0	0	0	0	119.8669	0	416.0314	0
0	0	0	0	0	0	1027.43	0	814.7732	0
0	0	0	0	0	0	1322.451	0	866.7585	5.431034
0	0	0	0	0	0	612.2459	0	261.5793	2.172414
0	0	0	0	0	0	1276.97	0	520.9418	2.172414
0	0	0	0	0	0	1482.218	0	806.9056	7.603448
0	0	0	0	0	0	1231.489	0	1156.047	8.689655
0	0	0	0	0	0	980.7597	0	690.525	6.517241
0	0	0	0	0	0	1909.041	0	780.3043	8.689655
0	0	0	0	0	0	1470.556	0	553.085	4.344828
0	0	0	0	0	0	464.1407	0	400.1277	3.258621
0	0	0	0	0	0	1814.58	0	1151.614	4.344828
0	0	0	0	0	0	1216.329	0	891.143	0
0	0	0	0	0	0	426.8229	0	345.8167	3.258621
0	0	0	0	0	0	1081.051	0	708.2592	3.258621
0	0	0	0	0	0	674.0536	0	458.8722	4.344828
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0	0	0	0	0	0	524.7822	0	679.4411	1.086207
0	0	0	0	0	0	485.132	0	630.6721	1.086207
0	0	0	0	0	0	2479.304	0	1170.457	11.94828
0	0	0	0	0	0	1000.585	0	1273.536	0
0	0	0	0	0	0	580.759	0	472.1728	4.344828
0	0	0	0	0	0	576.0943	0	653.9482	2.172414
0	0	0	0	0	0	1041.401	0	897.7933	7.603448
0	0	0	0	0	0	1779.595	0	1122.796	9.775862
0	0	0	0	0	0	1231.489	0	1194.841	8.689655
0	0	0	0	0	0	1736.446	0	1373.291	2.172414
0	0	0	0	0	0	535.2779	0	534.2425	0
0	0	0	0	0	0	1155.687	0	1343.365	4.344828
0	0	0	0	0	0	1941.694	0	1594.969	4.344828
0	0	0	0	0	0	149.5551	15.90909	551.9508	1.25
0	0	0	0	0	0	47.28579	4.242424	215.1855	0

0	0	0	0	0	0	113.266	7.424242	315.2468	1.25
0	0	0	0	0	0	137.4587	10.60606	403.4728	1.25
0	0	0	0	0	0	78.07654	7.424242	351.8283	0
0	0	0	0	0	0	181.4455	13.78788	498.1544	0
0	0	0	0	0	0	167.1498	10.60606	351.8283	0
0	0	0	0	0	0	155.0534	22.27273	492.7748	0
0	0	0	0	0	0	96.77093	11.66667	185.0595	0
0	0	0	0	0	0	180.3458	26.51515	613.2787	0
0	0	0	0	0	0	373.8877	44.54545	599.2916	0
0	0	0	0	0	0	316.7048	35	409.9284	1.25
0	0	0	0	0	0	377.435	0	847.5893	1
0	0	0	0	0	0	441.8751	0	960.9755	2
0	0	0	0	0	0	346.3656	0	1008.126	2
0	0	0	0	0	0	333.7077	0	953.117	2
0	0	0	0	0	0	508.6166	0	1036.192	5
0	0	0	0	0	0	546.7058	0	504.6993	0
0	0	0	0	0	0	419.7721	0	929.9353	2.2
0	0	0	0	0	0	116.9127	0	563.7598	0
0	0	0	0	0	0	700.3624	0	1351.95	3.3
0	0	0	0	0	0	195.9679	0	642.1493	1.1
0	0	0	0	0	0	229.3715	0	656.1091	1.1
0	0	0	0	0	0	443.1546	0	1664.434	5.5
0	0	0	0	0	0	106.8916	0	369.3969	0
0	0	0	0	0	0	691.4548	0	1747.119	0
0	0	0	0	0	0	184.8333	0	445.6387	0
0	0	0	0	0	0	800.5733	0	1640.81	8.8
0	0	0	0	0	0	102.5406	0	474.243	1.214286
0	0	0	0	0	0	280.6373	0	739.1355	2.428571
0	0	0	0	0	0	138.1599	0	221.0998	0
0	0	0	0	0	0	198.6049	0	1020.05	3.642857
0	0	0	0	0	0	164.0649	0	598.1443	0
0	0	0	0	0	0	208.3192	0	695.3428	3.642857
0	0	0	0	0	0	359.4316	0	1015.777	2.428571
0	0	0	0	0	0	281.7167	0	750.8848	3.642857
0	0	0	0	0	0	129.5249	0	287.3229	0
0	0	0	0	0	0	1787.18	133.4913	339.5351	7.39645
0	0	0	0	0	0	1739.827	82.76458	544.0278	5.91716
0	0	0	0	0	0	1023.428	42.7172	491.2969	2.95858
0	0	0	0	0	0	1594.715	82.76458	698.3619	4.43787
0	0	0	0	0	0	1486.262	113.4676	465.5746	4.43787
0	0	0	0	0	0	1319.764	66.74563	544.0278	2.95858
0	0	0	0	0	0	1632.902	46.72194	618.6226	2.95858
0	0	0	0	0	0	2043.801	118.8072	780.6734	4.43787
0	0	0	0	0	0	1962.843	153.515	596.7586	2.95858
0	0	0	0	0	0	2097.263	124.1469	814.1125	4.43787
0	0	0	0	0	0	1108.968	57.40124	443.7106	1.47929
0	0	0	0	0	0	1698.585	82.76458	643.0588	1.47929

0	0	0	0	0	0	1295.324	60.07107	349.824	4.43787
0	0	0	0	0	0	1289.214	73.4202	549.1722	1.47929
0	0	0	0	0	0	1845.225	90.77406	702.2202	10.35503
0	0	0	0	0	0	1672.617	61.40598	672.6395	1.47929
0	0	0	0	0	0	1742.882	78.75985	663.6367	5.91716
0	0	0	0	0	0	2216.409	137.496	944.0104	4.43787
0	0	0	0	0	0	1959.788	92.10897	690.6452	2.95858
0	0	0	0	0	0	1261.719	41.38229	646.9172	2.95858
0	0	0	0	0	0	2375.269	132.1564	962.016	10.35503
0	0	0	0	0	0	1831.478	118.8072	583.8974	4.43787
0	0	0	0	0	0	1738.3	81.42967	564.6056	7.39645
0	0	0	0	0	0	2046.856	101.4534	711.2231	7.39645
0	0	0	0	0	0	1391.556	73.4202	469.4329	2.95858
0	0	0	0	0	0	2474.557	160.1895	652.0616	11.83432
0	0	0	0	0	0	1606.935	102.7883	608.3336	4.43787
0	0	0	0	0	0	2277.509	186.8878	519.5915	4.43787
0	0	0	0	0	0	1664.98	45.38703	519.5915	1.47929
0	0	0	0	0	0	1903.27	132.1564	412.8438	8.87574
0	0	0	0	0	0	1677.2	72.08528	590.328	1.47929
0	0	0	0	0	0	730.1471	41.38229	362.6852	5.91716
0	0	0	0	0	0	1451.129	56.06633	671.3534	1.47929
0	0	0	0	0	0	1426.689	54.73142	589.0419	8.87574
0	0	0	0	0	0	1266.301	26.69825	817.9708	4.43787
0	0	0	0	0	0	1669.562	69.41546	779.3873	4.43787
0	0	0	0	0	0	1423.634	60.07107	627.6254	2.95858
0	0	0	0	0	0	1687.892	120.1421	339.5351	8.87574
0	0	0	0	0	0	960.8002	61.40598	374.2602	4.43787
0	0	0	0	0	0	1955.206	105.4581	852.696	8.87574
0	0	0	0	0	0	1558.054	80.09476	594.1864	1.47929
0	0	0	0	0	0	1559.582	97.44862	472.0052	5.91716
0	0	0	0	0	0	1584.022	117.4723	340.8212	2.95858
0	0	0	0	0	0	1374.754	58.73616	434.7078	2.95858
0	0	0	0	0	0	1631.375	112.1327	488.7247	1.47929
0	0	0	0	0	0	2037.691	98.78354	861.6988	8.87574
0	0	0	0	0	0	1495.427	85.43441	378.1186	7.39645
0	0	0	0	0	0	1182.288	62.74089	643.0588	4.43787
0	0	0	0	0	0	1096.748	64.07581	407.6993	7.39645
0	0	0	0	0	0	1475.569	86.76932	581.3252	8.87574
0	0	0	0	0	0	545.3191	10.6793	172.3398	1.47929
0	0	0	0	0	0	1454.184	90.77406	481.008	1.47929
0	0	0	0	0	0	299.2138	0	666.1632	0
0	0	0	0	0	0	338.8156	0	891.7818	1.195122
0	0	0	0	0	0	489.5226	0	1440.324	4.780488
0	0	0	0	0	0	410.3189	0	1683.051	2.390244
0	0	0	0	0	0	265.1122	0	930.276	4.780488
0	0	0	0	0	0	482.9223	0	1451.017	2.390244
0	0	0	0	0	0	732.6338	0	1991.005	4.780488

0	0	0	0	0	0	168.3078	0	570.997	0
0	0	0	0	0	0	179.3083	0	820.1399	1.195122
0	0	0	0	0	0	200.2092	0	677.9253	1.195122
0	0	0	0	0	0	249.7115	0	798.7542	1.195122
0	0	0	0	0	0	220.0102	0	775.23	2.390244
0	0	0	0	0	0	143.0066	0	568.8584	0
0	0	0	0	0	0	61.60284	0	268.39	0
0	0	0	0	0	0	408.1188	0	940.9689	2.390244
0	0	0	0	0	0	321.2148	0	1312.01	1.195122
0	0	0	0	0	0	207.9096	0	636.2233	0
0	0	0	0	0	0	196.9091	0	681.1331	1.195122
0	0	0	0	0	0	387.2179	0	1476.68	3.585366
0	0	0	0	0	0	258.5119	0	973.0473	2.390244
0	0	0	0	0	0	603.9279	0	2071.201	1.195122
0	0	0	0	0	0	429.0198	0	1394.345	1.195122
0	0	0	0	0	0	288.2133	0	1113.123	1.195122
0	0	0	0	0	0	704.0325	0	1746.139	1.195122
0	0	0	0	0	0	618.2285	0	1315.218	7.170732
0	0	0	0	0	0	105.0853	0	286.7384	0
0	0	0	0	0	0	10.28009	0	71.68461	0
0	0	0	0	0	0	114.2232	0	235.6903	0
0	0	0	0	0	0	54.82713	0	298.6859	0
0	0	0	0	0	0	15.99125	0	94.49335	0
0	0	0	0	0	0	122.2188	0	364.9398	0
0	0	0	0	0	0	99.37418	0	362.7676	0
0	0	0	0	0	0	368.5927	0	1479.77	3.576923
0	0	0	0	0	0	182.5951	0	611.1623	0
0	0	0	0	0	0	328.8981	0	1034.108	1.192308
0	0	0	0	0	0	269.9232	0	932.4282	0
0	0	0	0	0	0	187.1317	0	518.1359	0
0	0	0	0	0	0	200.7412	0	707.4339	4.769231
0	0	0	0	0	0	494.4812	0	1422.44	3.576923
0	0	0	0	0	0	147.4371	0	457.5605	1.192308
0	0	0	0	0	0	336.837	0	1025.455	2.384615
0	0	0	0	0	0	430.2129	0	2382.726	6.580645
0	0	0	0	0	0	297.1424	0	974.6146	0
0	0	0	0	0	0	183.7293	0	637.1232	0
0	0	0	0	0	0	183.0693	0	684.0414	1.096774
0	0	0	0	0	0	144.0347	0	552.7504	1.192308
0	0	0	0	0	0	402.7525	0	1558.396	3.290323
0	0	0	0	0	0	254.0087	0	1014.643	1.096774
0	0	0	0	0	0	493.1429	0	1970.561	2.193548
0	0	0	0	0	0	298.6318	0	1435.508	1.096774
0	0	0	0	0	0	108.6974	0	382.8022	0
0	0	0	0	0	0	135.0136	0	526.353	1.096774
0	0	0	0	0	0	202.5204	0	739.5043	4.387097
0	0	0	0	0	0	441.6547	0	1400.708	3.290323

0	0	0	0	0	0	489.7104	0	2131.512	6.580645
0	0	0	0	0	0	258.5854	0	997.2432	3.290323
0	0	0	0	0	0	291.4717	0	1093.602	1.192308
0	0	0	0	0	0	80.52332	0	277.9977	2.384615
0	0	0	0	0	0	576.1387	0	1338.067	1.192308
0	0	0	0	0	0	291.4717	0	1524.12	2.384615
0	0	0	0	0	0	246.1065	0	732.3131	1.192308
0	0	0	0	0	0	176.9245	0	593.8551	1.192308
0	0	0	0	0	0	691.8201	0	1285.063	3.576923
0	0	0	0	0	0	65.77681	8.615385	301.5599	1.333333
0	0	0	0	0	0	61.39168	6.461538	316.531	0
0	0	0	0	0	0	26.31072	5.384615	86.61828	0
0	0	0	0	0	0	121.6871	21.53846	542.1663	1.333333
0	0	0	0	0	0	59.19912	6.461538	319.7391	0
0	0	0	0	0	0	36.17724	7.538462	146.5025	0
0	0	0	0	0	0	130.4573	28	614.8829	1.333333
0	0	0	0	0	0	463.7298	0	1407.236	2.171429
0	0	0	0	0	0	375.0756	0	1588.604	4.342857
0	0	0	0	0	0	413.7197	0	1506.661	4.342857
0	0	0	0	0	0	393.261	0	1511.031	1.085714
0	0	0	0	0	0	351.2071	0	1306.72	6.514286
0	0	0	0	0	0	318.2459	0	1194.184	1.085714
0	0	0	0	0	0	200.0403	0	823.8015	3.257143
0	0	0	0	0	0	510.3301	0	1667.269	5.428571
0	0	0	0	0	0	238.6844	0	895.9114	2.171429
0	0	0	0	0	0	571.7061	0	1812.582	7.6
0	0	0	0	0	0	197.5272	0	189.6676	0
0	0	0	0	0	0	241.9154	0	378.1994	1.166667
0	0	0	0	0	0	233.0377	0	483.8227	0
0	0	0	0	0	0	120.9577	0	110.1662	0
0	0	0	0	0	0	473.8434	0	232.8255	0
0	0	0	0	0	0	349.5566	0	219.1967	1.166667
0	0	0	0	0	0	72.13073	0	89.72299	0
0	0	0	0	0	0	331.8013	0	364.5706	1.166667
0	0	0	0	0	0	169.7846	0	168.0886	1.166667
0	0	0	0	0	0	177.5526	0	156.7313	0
0	0	0	0	0	0	678.0288	0	442.9363	2.333333
0	0	0	0	0	0	267.4385	0	122.6593	0
0	0	0	0	0	0	803.4253	0	321.4127	0
0	0	0	0	0	0	86.8415	8.7343	330.5442	0
0	0	0	0	0	0	172.5403	13.10145	748.4229	0
0	0	0	0	0	0	44.5634	1.091787	67.43544	0
0	0	0	0	0	0	147.402	10.91787	416.7731	1.666667
0	0	0	0	0	0	158.8285	19.65217	479.7866	0
0	0	0	0	0	0	203.3919	16.37681	519.5846	1.666667
0	0	0	0	0	0	178.2536	20.74396	453.2546	0
0	0	0	0	0	0	206.8199	26.2029	678.7764	0

0	0	0	0	0	0	12.56916	1.091787	65.22444	0
0	0	0	0	0	0	222.817	12.00966	346.0212	1.666667
0	0	0	0	0	0	81.12824	6.550725	87.33443	0
0	0	0	0	0	0	141.6888	13.10145	406.8237	0
0	0	0	0	0	0	117.6931	12.00966	265.3198	0
0	0	0	0	0	0	156.5432	4.36715	391.3467	0
0	0	0	0	0	0	115.4078	29.47826	221.0998	0
0	0	0	0	0	0	203.3919	10.91787	525.112	0
0	0	0	0	0	0	129.1196	19.65217	410.1401	0
0	0	0	0	0	0	422.8256	0	545.3568	0
0	0	0	0	0	0	78.94186	0	180.3542	1
0	0	0	0	0	0	277.9186	0	339.2377	1
0	0	0	0	0	0	249.8023	0	451.9591	1
0	0	0	0	0	0	121.1163	0	404.7235	1
0	0	0	0	0	0	364.4302	0	733.2258	0
0	0	0	0	0	0	151.3953	0	343.5318	1
0	0	0	0	0	0	322.2558	0	328.5023	0
0	0	0	0	0	0	501.7674	0	407.9441	0
0	0	0	0	0	0	299.5465	0	411.1647	1
0	0	0	0	0	0	471.9655	0	1717.766	5.363636
0	0	0	0	0	0	456.4549	0	1852.786	3.218182
0	0	0	0	0	0	450.9154	0	1351.28	9.654545
0	0	0	0	0	0	463.1023	0	1859.216	6.436364
0	0	0	0	0	0	197.2062	0	611.8803	2.145455
0	0	0	0	0	0	190.5588	0	585.0905	1.072727
0	0	0	0	0	0	699.085	0	1263.41	3.218182
0	0	0	0	0	0	245.9538	0	1099.456	0
0	0	0	0	0	0	490.7998	0	1902.08	7.509091
0	0	0	0	0	0	456.4549	0	1980.306	3.218182
0	0	0	0	0	0	394.4124	0	1014.8	2.145455
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0	0	0	0	0	0	368.9307	0	747.9728	6.436364
0	0	0	0	0	0	484.1524	0	1131.604	0
0	0	0	0	0	0	186.1272	0	506.8641	1.072727
0	0	0	0	0	0	410.4521	36.41905	813.153	3.405405
0	0	0	0	0	0	338.7333	29.59048	611.7904	4.540541
0	0	0	0	0	0	496.5146	28.45238	584.2818	2.27027
0	0	0	0	0	0	497.618	54.62857	825.2568	5.675676
0	0	0	0	0	0	205.226	23.9	425.8325	2.27027
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0	0	0	0	0	0	1050.404	72.8381	700.9181	4.540541
0	0	0	0	0	0	364.1107	20.48571	246.4767	2.27027
0	0	0	0	0	0	703.9474	39.83333	519.3616	2.27027
0	0	0	0	0	0	417.0723	26.17619	561.1746	0
0	0	0	0	0	0	531.8223	58.04286	700.9181	7.945946
0	0	0	0	0	0	336.5266	37.55714	544.6695	4.540541

0	0	0	0	0	0	110.935	31.99531	407.9562	1.066667
0	0	0	0	0	0	124.2472	27.58216	637.0225	1.066667
0	0	0	0	0	0	83.20122	16.5493	346.8719	0
0	0	0	0	0	0	126.4659	31.99531	474.4945	1.066667
0	0	0	0	0	0	352.7732	37.51174	1075.521	1.066667
0	0	0	0	0	0	114.263	28.68545	393.7759	1.066667
0	0	0	0	0	0	168.6211	34.20188	586.8461	0
0	0	0	0	0	0	401.5846	61.78404	1267.5	1.066667
0	0	0	0	0	0	137.5593	22.06573	478.8577	1.066667
0	0	0	0	0	0	42.15528	18.75587	268.3348	0
0	0	0	0	0	0	270.6813	38.61502	958.8062	0
0	0	0	0	0	0	129.7939	24.2723	513.763	1.066667
0	0	0	0	0	0	139.778	19.85915	439.5892	2.133333
0	0	0	0	0	0	41.04593	6.619718	169.0728	0
0	0	0	0	0	0	77.65447	7.723005	331.6008	1.066667
0	0	0	0	0	0	194.1362	29.78873	834.4559	1.066667
0	0	0	0	0	0	100.9508	12.13615	462.4958	1.066667
0	0	0	0	0	0	113.1537	19.85915	517.0354	2.133333
0	0	0	0	0	0	778.0216	0	615.5673	3.428571
0	0	0	0	0	0	931.2134	0	361.702	2.285714
0	0	0	0	0	0	805.765	0	507.7307	2.285714
0	0	0	0	0	0	331.6303	0	580.8929	1
0	0	0	0	0	0	326.0846	0	544.7201	0
0	0	0	0	0	0	228.4811	0	459.6076	0
0	0	0	0	0	0	275.0646	0	584.0846	1
0	0	0	0	0	0	256.2094	0	515.9946	2
0	0	0	0	0	0	252.882	0	443.649	3
0	0	0	0	0	0	321.6481	0	417.0513	0
0	0	0	0	0	0	717.9397	0	777.6452	10.19277
0	0	0	0	0	0	1080.917	0	1349.045	10.19277
0	0	0	0	0	0	1137.024	0	1918.191	6.795181
0	0	0	0	0	0	929.772	0	1781.822	1.13253
0	0	0	0	0	0	1076.023	0	764.1895	6.950226
0	0	0	0	0	0	1769.086	0	1702.93	6.795181
0	0	0	0	0	0	1137.024	0	1202.532	3.39759
0	0	0	0	0	0	1112.978	0	2020.75	3.39759
0	0	0	0	0	0	1565.269	0	2010.607	4.53012
0	0	0	0	0	0	695.0389	0	929.7932	3.39759
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0	0	0	0	0	0	763.7413	0	1088.703	3.39759
0	0	0	0	0	0	1540.365	0	933.4029	8.108597
0	0	0	0	0	0	328.6263	0	474.4763	2.26506
0	0	0	0	0	0	785.8093	0	779.4733	6.950226
0	0	0	0	0	0	1708.912	0	876.6345	11.58371
0	0	0	0	0	0	1193.225	0	274.0165	2.316742
0	0	0	0	0	0	596.0542	0	222.7067	5.791855

0	0	0	0	0	0	1561.573	0	672.4868	6.950226
0	0	0	0	0	0	1345.421	0	1575.577	6.795181
0	0	0	0	0	0	1827.23	0	1231.437	8.108597
0	0	0	0	0	0	928.627	0	2250.663	2.26506
0	0	0	0	0	0	592.7056	0	749.9974	1.158371
0	0	0	0	0	0	2657.687	0	788.2069	10.42534
0	0	0	0	0	0	291.3299	0	66.59366	0
0	0	0	0	0	0	617.2621	0	324.2347	1.158371
0	0	0	0	0	0	2661.072	0	588.3055	16.98795
0	0	0	0	0	0	382.8588	0	691.0457	3.475113
0	0	0	0	0	0	1450.765	0	1544.02	1.13253
0	0	0	0	0	0	803.8177	0	2277.712	3.39759
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0	0	0	0	0	0	699.8614	0	2335.145	4.633484
0	0	0	0	0	0	1275.824	0	1961.784	4.633484
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0	0	0	0	0	0	1161.971	0	2801.3	6.950226
0	0	0	0	0	0	974.4482	0	1637.549	3.475113
0	0	0	0	0	0	1241.221	0	2092.788	4.633484
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0	0	0	0	0	0	978.913	0	1591.698	4.633484
0	0	0	0	0	0	1052.583	0	1975.976	3.475113
0	0	0	0	0	0	333.7457	0	528.3825	2.316742
0	0	0	0	0	0	628.4242	0	927.9444	1.158371
0	0	0	0	0	0	1818.3	0	2220.516	10.42534
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0	0	0	0	0	0	1146.344	0	1122.267	9.266968
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0	0	0	0	0	0	562.568	0	878.8179	2.316742
0	0	0	0	0	0	1817.184	0	1322.048	3.475113
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0	0	0	0	0	0	678.6535	0	775.1065	3.475113
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0	0	0	0	0	0	1059.28	0	1080.782	4.633484
0	0	0	0	0	0	1539.249	0	2102.613	8.108597
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0	0	0	0	0	0	571.4977	0	693.2291	3.475113
0	0	0	0	0	0	478.8525	0	719.4298	0
0	0	0	0	0	0	842.7358	0	876.6345	4.633484
0	0	0	0	0	0	621.7269	0	727.0717	0
0	0	0	0	0	0	875.1058	0	1507.637	10.42534
0	0	0	0	0	0	1247.919	0	2305.669	8.108597
0	0	0	0	0	0	1172.017	0	1389.733	5.791855
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0	0	0	0	0	0	886.2678	0	774.0148	0
0	0	0	0	0	0	923.1027	0	1709.601	6.950226
0	0	0	0	0	0	575.9625	0	1128.817	4.633484
0	0	0	0	0	0	839.3872	0	375.5446	2.316742
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0	0	0	0	0	0	954.3564	0	350.4355	4.633484
0	0	0	0	0	0	246.6816	0	589.5176	0
0	0	0	0	0	0	831.5737	0	1870.081	2.316742
0	0	0	0	0	0	479.9388	0	1187.032	5.5
0	0	0	0	0	0	659.6203	0	785.7501	12.375
0	0	0	0	0	0	420.833	0	716.2544	5.5
0	0	0	0	0	0	171.4067	0	342.9951	4.125
0	0	0	0	0	0	567.4153	0	974.0611	1.375
0	0	0	0	0	0	426.7436	0	708.4081	2.75
0	0	0	0	0	0	169.0425	0	273.4993	1.375
0	0	0	0	0	0	81	20	415	0
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0	0	0	0	0	0	90	9	230	0
0	0	0	0	0	0	72	8	180	0
0	0	0	0	0	0	38	9	181	1
0	0	0	0	0	0	12	4	32	0
0	0	0	0	0	0	52	5	184	0
0	0	0	0	0	0	75	21	446	0
0	0	0	0	0	0	1219.63	0	1559.493	17.21739
0	0	0	0	0	0	1272.504	0	1172.385	12.91304
0	0	0	0	0	0	378.3437	0	1060.676	6.456522
0	0	0	0	0	0	330.1695	0	779.7463	10.76087
0	0	0	0	0	0	242.046	0	320.7467	0
0	0	0	0	0	0	415.9431	0	1018.647	8.608696
0	0	0	0	0	0	649.7643	0	1487.601	6.456522
0	0	0	0	0	0	563.9907	0	1358.196	6.456522
0	0	0	0	0	0	473.5172	0	1322.804	6.456522
0	0	0	0	0	0	105.7483	0	205.7203	0
0	0	0	0	0	0	699.1134	0	1284.093	6.456522
0	0	0	0	0	0	294.9201	0	377.1539	2.152174
0	0	0	0	0	0	504.0667	0	1307.319	12.91304
0	0	0	0	0	0	300.795	0	681.3103	0
0	0	0	0	0	0	110.4482	0	387.1081	2.152174
0	0	0	0	0	0	379.577	0	655.2444	1.333333
0	0	0	0	0	0	311.4478	0	689.6743	1.333333
0	0	0	0	0	0	473.6602	0	424.9943	0
0	0	0	0	0	0	295.2265	0	591.7643	1.333333
0	0	0	0	0	0	373.0885	0	486.3226	0
0	0	0	0	0	0	424.8332	25.49533	867.086	2
0	0	0	0	0	0	119.5569	8.11215	298.4864	3
0	0	0	0	0	0	48.75135	3.476636	131.6518	0

0	0	0	0	0	0	207.7736	15.06542	387.0109	0
0	0	0	0	0	0	29.01866	6.953271	165.6997	0
0	0	0	0	0	0	73.12703	5.794393	306.4309	0
0	0	0	0	0	0	146.2541	13.90654	523.2024	0
0	0	0	0	0	0	488.6743	16.2243	641.235	0
0	0	0	0	0	0	120.7176	4.635514	194.0729	1
0	0	0	0	0	0	269.2932	24.33645	657.124	1
0	0	0	0	0	0	134.9449	0	395.9673	2.5
0	0	0	0	0	0	241.0555	0	638.1931	0
0	0	0	0	0	0	257.2027	0	1024.206	1.25
0	0	0	0	0	0	402.528	0	351.7251	1.25
0	0	0	0	0	0	678.1848	0	1163.569	1.25
0	0	0	0	0	0	212.2211	0	381.5886	0
0	0	0	0	0	0	377.1538	0	609.4357	0
0	0	0	0	0	0	674.7247	0	588.4206	2.5
0	0	0	0	0	0	516.7122	0	817.3738	2.5
0	0	0	0	0	0	349.4728	0	457.9063	0
0	0	0	0	0	0	306.7979	0	249.9682	1.25
0	0	0	0	0	0	201.8407	0	75.21166	0
0	0	0	0	0	0	1302.161	0	682.4352	2.5
0	0	0	0	0	0	451.7546	28.66667	708.2686	1
0	0	0	0	0	0	674.8014	39.41667	533.4716	7
0	0	0	0	0	0	383.8216	41.80556	1017.001	0
0	0	0	0	0	0	450.6224	19.11111	834.2587	1
0	0	0	0	0	0	1190.594	0	0	348.7686
0	0	0	0	0	0	2452.442	0	0	561.9734
0	0	0	0	0	0	2140.219	0	0	168.8385
0	0	0	0	0	0	1308.487	0	0	236.6204
0	0	0	0	0	0	759.1818	0	0	186.0921
0	0	0	0	0	0	2247.748	0	0	320.4234
0	0	0	0	0	0	2197.222	0	0	394.3673
0	0	0	0	0	0	992.3776	0	0	274.8247
0	0	0	0	0	0	991.0821	0	0	255.1064
0	0	0	0	0	0	1294.237	0	0	264.9655
0	0	0	0	0	0	1421.199	0	0	338.9094
0	0	0	0	0	0	2234.793	0	0	316.7262
0	0	0	0	0	0	2198.518	0	0	501.5859
0	0	0	0	0	0	1527.432	0	0	574.2974
0	0	0	0	0	0	1105.089	0	0	189.7893
0	0	0	0	0	0	2237.384	0	0	574.2974
0	0	0	0	0	0	1599.982	0	0	292.0783
0	0	0	0	0	0	1325.329	0	0	314.2614
0	0	0	0	0	0	2442.078	0	0	455.9872
0	0	0	0	0	0	1277.395	0	0	241.55
0	0	0	0	0	0	997.5597	0	0	150.3525
0	0	0	0	0	0	1326.625	0	0	294.5431
0	0	0	0	0	0	1669.941	0	0	232.9232

0	0	0	0	0	0	2054.714	0	0	173.7681
0	0	0	0	0	0	418.4569	0	0	66.54948
0	0	0	0	0	0	2627.339	0	0	122.0074
0	0	0	0	0	0	1887.59	0	0	389.4377
0	0	0	0	0	0	1474.316	0	0	361.0926
0	0	0	0	0	0	2018.439	0	0	289.6135
0	0	0	0	0	0	502.6665	0	0	57.9227
0	0	0	0	0	0	1799.494	0	0	363.5574
0	0	0	0	0	0	1833.178	0	0	156.5145
0	0	0	0	0	0	2049.532	0	0	353.6982
0	0	0	0	0	0	1615.529	0	0	235.388
0	0	0	0	0	0	915.9412	0	0	125.7046
0	0	0	0	0	0	1241.12	0	0	146.6553
0	0	0	0	0	0	1745.082	0	0	272.3599
0	0	0	0	0	0	2286.614	0	0	210.74
0	0	0	0	0	0	1471.724	0	0	175.0005
0	0	0	0	0	0	1321.443	0	0	94.89463
0	0	0	0	0	0	2215.36	0	0	194.7189
0	0	0	0	0	0	2591.064	0	0	311.7967
0	0	0	0	0	0	2291.796	0	0	173.7681
0	0	0	0	0	0	1796.903	0	0	289.6135
0	0	0	0	0	0	936.6697	0	0	149.1201
0	0	0	0	0	0	2074.884	0	1805.048	24.01911
0	0	0	0	0	0	1645.326	0	0	385.7405
0	0	0	0	0	0	1496.34	0	0	167.6061
0	0	0	0	0	0	1672.532	0	0	241.55
0	0	0	0	0	0	729.3846	0	0	203.3456
0	0	0	0	0	0	2290.501	0	0	158.9793
0	0	0	0	0	0	1496.34	0	0	268.6627
0	0	0	0	0	0	922.0152	0	1103.861	10.67516
0	0	0	0	0	0	1102.501	0	1158.483	6.671975
0	0	0	0	0	0	1082.508	21.35402	784.176	2.488312
0	0	0	0	0	0	589.0264	0	561.4575	1.334395
0	0	0	0	0	0	675.7714	0	843.4566	2.66879
0	0	0	0	0	0	993.7138	24.91302	584.1185	4.976623
0	0	0	0	0	0	682.767	0	959.0508	2.66879
0	0	0	0	0	0	1146.492	46.26704	660.6837	3.732468
0	0	0	0	0	0	1197.64	0	1360.455	12.00955
0	0	0	0	0	0	891.8614	41.5217	532.2517	7.464935
0	0	0	0	0	0	679.9687	0	796.4567	1.334395
0	0	0	0	0	0	1120.376	65.24839	673.0329	4.976623
0	0	0	0	0	0	870.248	0	818.0513	6.671975
0	0	0	0	0	0	1625.721	149.4781	833.5729	11.1974
0	0	0	0	0	0	368.2356	15.42235	306.2609	0
0	0	0	0	0	0	1066.839	67.62106	585.3534	3.732468
0	0	0	0	0	0	637.2304	20.16768	423.5785	3.732468
0	0	0	0	0	0	2330.662	0	0	236.6204

0	0	0	0	0	0	2488.717	0	0	215.6696
0	0	0	0	0	0	1874.811	0	1581.481	5.33758
0	0	0	0	0	0	951.3966	0	1539.562	10.67516
0	0	0	0	0	0	927.6117	0	867.5916	5.33758
0	0	0	0	0	0	2184.267	0	0	149.1201
0	0	0	0	0	0	1348.649	0	0	80.10586
0	0	0	0	0	0	1617.374	0	1417.617	5.33758
0	0	0	0	0	0	1126.286	0	1378.239	5.33758
0	0	0	0	0	0	1217.228	0	1520.508	12.00955
0	0	0	0	0	0	738.7315	0	845.9971	4.003185
0	0	0	0	0	0	1992.528	0	0	122.0074
0	0	0	0	0	0	688.1566	24.91302	475.4453	4.976623
0	0	0	0	0	0	1598.299	110.3291	932.3667	9.953247
0	0	0	0	0	0	600.668	47.45338	296.3815	2.488312
0	0	0	0	0	0	741.6944	51.01238	272.9179	3.732468
0	0	0	0	0	0	1821.591	97.27942	759.4775	11.1974
0	0	0	0	0	0	1183.055	90.16141	329.7244	9.953247
0	0	0	0	0	0	1036.805	51.01238	843.4523	3.732468
0	0	0	0	0	0	1395.9	97.27942	428.5182	7.464935
0	0	0	0	0	0	2050.106	164.9005	748.3632	7.464935
0	0	0	0	0	0	2063.164	194.5588	1227.513	6.220779
0	0	0	0	0	0	1185.666	92.53408	560.655	4.976623
0	0	0	0	0	0	1450.744	115.0744	221.0512	4.976623
0	0	0	0	0	0	1292.742	125.7514	708.8457	6.220779
0	0	0	0	0	0	1858.153	144.7328	794.0554	18.66234
0	0	0	0	0	0	1151.716	105.5838	416.169	8.709091
0	0	0	0	0	0	1787.64	112.7018	691.5568	4.976623
0	0	0	0	0	0	2039.66	125.7514	920.0175	13.68571
0	0	0	0	0	0	1785.029	110.3291	831.103	2.488312
0	0	0	0	0	0	1886.881	107.9564	815.0491	6.220779
0	0	0	0	0	0	1327.999	81.85707	759.4775	7.464935
0	0	0	0	0	0	1365.867	90.16141	668.0932	4.976623
0	0	0	0	0	0	1154.319	0	0	226.7612
0	0	0	0	0	0	1402.429	64.06206	643.3948	6.220779
0	0	0	0	0	0	1641.391	125.7514	342.0736	1.244156
0	0	0	0	0	0	1983.51	156.5961	339.6038	4.976623
0	0	0	0	0	0	1782.417	124.5651	592.7629	2.488312
0	0	0	0	0	0	737.1578	0	0	103.5214
0	0	0	0	0	0	887.4395	0	0	105.9862
0	0	0	0	0	0	1526.137	0	0	117.0778
0	0	0	0	0	0	1513.422	142.3601	517.4327	8.709091
0	0	0	0	0	0	344.7312	40.33537	101.2637	3.732468
0	0	0	0	0	0	1707.986	66.43473	647.0996	7.464935
0	0	0	0	0	0	1511.886	0	0	207.0428
0	0	0	0	0	0	660.7348	30.84469	128.432	3.732468
0	0	0	0	0	0	1113.847	96.09308	510.0231	8.709091
0	0	0	0	0	0	1333.103	0	0	186.0921

0	0	0	0	0	0	763.0684	0	0	115.8454
0	0	0	0	0	0	1300.134	22.54035	230.9306	102.289
0	0	0	0	0	0	699.9088	39.14903	151.8955	1.244156
0	0	0	0	0	0	954.5398	106.7701	347.0133	4.976623
0	0	0	0	0	0	1637.473	109.1428	547.0708	11.1974
0	0	0	0	0	0	1001.549	75.9254	311.2005	1.244156
0	0	0	0	0	0	1533.91	0	0	173.7681
0	0	0	0	0	0	996.2642	0	0	97.35943
0	0	0	0	0	0	1394.594	73.55273	327.2545	2.488312
0	0	0	0	0	0	1075.979	79.4844	608.8169	6.220779
0	0	0	0	0	0	755.2952	0	0	197.1837
0	0	0	0	0	0	1271.849	86.60241	608.8169	7.464935
0	0	0	0	0	0	1691.011	131.6831	842.2174	7.464935
0	0	0	0	0	0	1907.774	109.1428	627.3408	7.464935
0	0	0	0	0	0	1089.037	79.4844	495.204	4.976623
0	0	0	0	0	0	673.6767	0	0	124.4722
0	0	0	0	0	0	1050.677	0	0	83.80305
0	0	0	0	0	0	995.0196	67.62106	660.6837	3.732468
0	0	0	0	0	0	1133.434	64.06206	608.8169	8.709091
0	0	0	0	0	0	1876.435	144.7328	573.0042	6.220779
0	0	0	0	0	0	1036.805	32.03103	813.8141	3.732468
0	0	0	0	0	0	1193.501	34.4037	826.1634	6.220779
0	0	0	0	0	0	2029.213	147.1055	723.6648	8.709091
0	0	0	0	0	0	1069.45	40.33537	393.9404	6.220779
0	0	0	0	0	0	951.9282	54.57138	722.4298	4.976623
0	0	0	0	0	0	1064.227	42.70804	409.9944	1.244156
0	0	0	0	0	0	1197.419	46.26704	937.3064	4.976623
0	0	0	0	0	0	613.726	24.91302	484.0897	0
0	0	0	0	0	0	1341.057	58.13038	1491.787	7.464935
0	0	0	0	0	0	889.2498	53.38505	745.8934	6.220779
0	0	0	0	0	0	1260.097	123.3788	787.8808	3.732468
0	0	0	0	0	0	1006.772	67.62106	923.7223	6.220779
0	0	0	0	0	0	1226.146	97.27942	363.0673	4.976623
0	0	0	0	0	0	2754.301	0	0	398.0645
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0	0	0	0	0	0	1198.724	112.7018	479.15	3.732468
0	0	0	0	0	0	1860.765	169.6458	612.5217	7.464935
0	0	0	0	0	0	1544.761	124.5651	703.906	2.488312
0	0	0	0	0	0	992.408	67.62106	501.3787	2.488312
0	0	0	0	0	0	1738.02	135.2421	1029.926	11.1974
0	0	0	0	0	0	2099.726	187.4408	732.3092	4.976623
0	0	0	0	0	0	2214.064	0	0	203.3456
0	0	0	0	0	0	1471.724	0	0	308.0995
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0	0	0	0	0	0	2501.913	262.1799	980.5287	17.41818
0	0	0	0	0	0	1755.446	0	0	197.1837
0	0	0	0	0	0	1235.287	113.8881	549.5406	4.976623
0	0	0	0	0	0	1132.295	0	0	232.9232
0	0	0	0	0	0	822.654	36.77637	374.1816	0
0	0	0	0	0	0	1684.482	125.7514	624.8709	8.709091
0	0	0	0	0	0	1808.563	0	0	236.6204
0	0	0	0	0	0	1116.749	0	0	118.3102
0	0	0	0	0	0	1276.099	0	0	237.8528
0	0	0	0	0	0	1629.779	0	0	268.6627
0	0	0	0	0	0	3255.672	0	0	335.2122
0	0	0	0	0	0	1754.995	126.9378	815.0491	11.1974
0	0	0	0	0	0	1175.048	0	0	362.325
0	0	0	0	0	0	1725.649	0	0	315.4938
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0	0	0	0	0	0	1378.446	0	0	115.8454
0	0	0	0	0	0	1679.01	0	0	343.839
0	0	0	0	0	0	2136.332	0	0	241.55
0	0	0	0	0	0	1143.955	0	0	119.5426
0	0	0	0	0	0	641.2884	0	0	54.2255
0	0	0	0	0	0	2487.422	0	0	428.8744
0	0	0	0	0	0	728.089	0	0	62.85229
0	0	0	0	0	0	1285.784	0	2172.155	9.340764
0	0	0	0	0	0	733.135	0	834.5647	8.006369
0	0	0	0	0	0	591.8246	0	741.8353	2.66879
0	0	0	0	0	0	1668.645	0	0	304.4023
0	0	0	0	0	0	1076.587	0	0	303.1699
0	0	0	0	0	0	1149.137	0	0	124.4722
0	0	0	0	0	0	1501.522	0	0	229.226
0	0	0	0	0	0	930.4099	0	1374.428	8.006369
0	0	0	0	0	0	1988.642	0	0	635.9173
0	0	0	0	0	0	1470.429	0	0	359.8602
0	0	0	0	0	0	1370.673	0	0	252.6416
0	0	0	0	0	0	1720.467	0	0	248.9444
0	0	0	0	0	0	871.6472	0	904.4293	8.006369
0	0	0	0	0	0	1301.175	0	1540.833	17.34713
0	0	0	0	0	0	1561.116	0	0	444.8956
0	0	0	0	0	0	517.6717	0	814.2405	5.33758
0	0	0	0	0	0	1124.522	0	0	380.8109
0	0	0	0	0	0	1724.353	0	0	214.4372
0	0	0	0	0	0	1640.144	0	0	108.451
0	0	0	0	0	0	1347.345	0	1816.48	18.68153
0	0	0	0	0	0	1861.68	0	0	241.55
0	0	0	0	0	0	1084.312	0	905.6996	4.003185
0	0	0	0	0	0	1831.882	0	0	152.8173
0	0	0	0	0	0	765.3146	0	712.6192	8.006369

0	0	0	0	0	0	1045.137	0	1312.185	9.340764
0	0	0	0	0	0	1302.01	0	0	255.1064
0	0	0	0	0	0	975.1815	0	1558.616	8.006369
0	0	0	0	0	0	1791.721	0	0	160.2117
0	0	0	0	0	0	2149.037	0	1180.077	14.67834
0	0	0	0	0	0	1662.146	0	1455.725	17.34713
0	0	0	0	0	0	647.7891	0	691.0247	8.006369
0	0	0	0	0	0	463.1063	0	382.35	2.66879
0	0	0	0	0	0	1015.756	0	979.375	4.003185
0	0	0	0	0	0	1042.339	0	880.2943	8.006369
0	0	0	0	0	0	2054.714	0	0	332.7474
0	0	0	0	0	0	1476.064	0	1272.806	6.671975
0	0	0	0	0	0	1706.917	0	1764.399	18.68153
0	0	0	0	0	0	915.0196	0	971.7534	6.671975
0	0	0	0	0	0	857.656	0	1365.536	9.340764
0	0	0	0	0	0	1653.751	0	1832.994	10.67516
0	0	0	0	0	0	930.4099	0	688.4841	4.003185
0	0	0	0	0	0	2518.514	0	0	241.55
0	0	0	0	0	0	2269.772	0	0	248.9444
0	0	0	0	0	0	1338.951	0	1092.429	8.006369
0	0	0	0	0	0	1345.946	0	1365.536	12.00955
0	0	0	0	0	0	677.1705	0	1061.942	13.34395
0	0	0	0	0	0	1137.477	0	0	83.80305
0	0	0	0	0	0	926.2126	0	702.4571	5.33758
0	0	0	0	0	0	2513.332	0	0	226.7612
0	0	0	0	0	0	936.0063	0	743.1056	5.33758
0	0	0	0	0	0	1210.232	0	1148.32	8.006369
0	0	0	0	0	0	267.2305	0	318.8367	1.334395
0	0	0	0	0	0	1004.563	0	858.6998	10.67516
0	0	0	0	0	0	1105.299	0	782.4838	12.00955
0	0	0	0	0	0	947.1992	0	483.9713	9.340764
0	0	0	0	0	0	419.7524	0	0	45.59872
0	0	0	0	0	0	245.9243	0	744.34	3.575342
0	0	0	0	0	0	463.9246	56.12227	1655.655	3.375
0	0	0	0	0	0	386.7935	0	660.118	0
0	0	0	0	0	0	244.7564	34.11354	709.8741	2.25
0	0	0	0	0	0	266.219	0	762.5501	2.383562
0	0	0	0	0	0	439.3211	0	817.1806	2.383562
0	0	0	0	0	0	1050.55	0	1427.221	7.150685
0	0	0	0	0	0	717.4781	0	1336.17	3.575342
0	0	0	0	0	0	987.2786	0	1274.711	10.72603
0	0	0	0	0	0	347.109	53.9214	1165.529	0
0	0	0	0	0	0	732.9976	0	1489.818	3.575342
0	0	0	0	0	0	862.21	107.8428	1575.942	3.375
0	0	0	0	0	0	815.3703	0	1372.59	17.87671
0	0	0	0	0	0	808.2075	0	1098.3	5.958904
0	0	0	0	0	0	743.7419	0	1522.824	8.342466

0	0	0	0	0	0	353.3669	0	729.5442	7.150685
0	0	0	0	0	0	815.3703	0	1007.249	3.575342
0	0	0	0	0	0	621.9736	0	1397.629	2.383562
0	0	0	0	0	0	558.7018	0	1166.588	1.191781
0	0	0	0	0	0	1020.705	0	2094.168	7.150685
0	0	0	0	0	0	458.4683	50.287	1124.301	2.533333
0	0	0	0	0	0	571.2661	68.24664	1078.251	5.066667
0	0	0	0	0	0	528.8153	65.85202	889.5567	2.533333
0	0	0	0	0	0	397.8244	43.10314	1054.664	5.066667
0	0	0	0	0	0	322.6259	39.51121	1169.228	3.8
0	0	0	0	0	0	1428.032	0	1715.654	13.26316
0	0	0	0	0	0	856.0934	0	1213.842	0
0	0	0	0	0	0	1039.888	0	1198.019	0
0	0	0	0	0	0	922.5979	0	1905.529	3.315789
0	0	0	0	0	0	1343.39	0	1726.956	4.421053
0	0	0	0	0	0	494.793	0	1383.915	1.105263
0	0	0	0	0	0	707.4868	0	2253.836	3.315789
0	0	0	0	0	0	373.8933	0	1168.855	1.105263
0	0	0	0	0	0	323.5185	0	847.3391	3.315789
0	0	0	0	0	0	77.24144	0	203.2323	0
0	0	0	0	0	0	276.502	0	718.3027	3.315789
0	0	0	0	0	0	175.7523	0	607.5464	0
0	0	0	0	0	0	137.6913	0	508.6185	0
0	0	0	0	0	0	550.765	0	792.4986	0
0	0	0	0	0	0	247.3965	0	298.9343	2.210526
0	0	0	0	0	0	242.9187	0	1047.346	8.842105
0	0	0	0	0	0	240.6798	0	522.5975	1.105263
0	0	0	0	0	0	169.0356	0	562.3837	2.210526
0	0	0	0	0	0	233.9632	0	666.6881	0
0	0	0	0	0	0	285.4575	0	950.5682	1.105263
0	0	0	0	0	0	179.1106	0	478.51	2.210526
0	0	0	0	0	0	246.277	0	768.8419	2.210526
0	0	0	0	0	0	402.9988	0	1163.478	3.315789
0	0	0	0	0	0	358.2212	0	1103.261	1.105263
0	0	0	0	0	0	223.8882	0	875.297	1.105263
0	0	0	0	0	0	594.4232	0	919.3844	2.210526
0	0	0	0	0	0	488.0763	0	637.6549	0
0	0	0	0	0	0	420.9099	0	569.9108	2.210526
0	0	0	0	0	0	351.2883	0	1248.898	1.19697
0	0	0	0	0	0	431.3286	0	1480.497	8.378788
0	0	0	0	0	0	590.2977	0	1444.783	5.984848
0	0	0	0	0	0	355.735	0	916.6524	3.590909
0	0	0	0	0	0	216.776	0	916.6524	5.984848
0	0	0	0	0	0	437.9987	0	1261.885	5.984848
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0	0	0	0	0	0	452.4504	0	1318.161	8.378788
0	0	0	0	0	0	260.1312	0	905.8301	4.787879

0	0	0	0	0	0	872.6623	0	1523.786	13.16667
0	0	0	0	0	0	667.003	0	1864.69	3.590909
0	0	0	0	0	0	611.4195	0	1372.273	3.590909
0	0	0	0	0	0	332.3899	0	719.6858	4.787879
0	0	0	0	0	0	579.181	0	1279.201	15.56061
0	0	0	0	0	0	601.4144	0	1244.569	5.984848
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0	0	0	0	0	0	680.3431	0	1515.128	10.77273
0	0	0	0	0	0	468.0138	0	965.353	4.787879
0	0	0	0	0	0	720.3633	0	1199.116	11.9697
0	0	0	0	0	0	956.0377	0	1986.982	16.75758
0	0	0	0	0	0	20.10732	1.109756	99.87463	0
0	0	0	0	0	0	96.06829	15.53659	385.3858	1.2
0	0	0	0	0	0	349.6439	42.17073	1239.748	2.4
0	0	0	0	0	0	409.9659	37.73171	1571.94	3.6
0	0	0	0	0	0	75.96098	9.987805	265.9705	0
0	0	0	0	0	0	29.0439	4.439024	174.7806	0
0	0	0	0	0	0	207.7756	16.64634	438.5799	0
0	0	0	0	0	0	360.8146	32.18293	1165.928	3.6
0	0	0	0	0	0	282.6195	22.19512	580.7927	1.2
0	0	0	0	0	0	361.0134	47.35878	1072.803	0
0	0	0	0	0	0	298.4228	36.59542	922.7829	2.064516
0	0	0	0	0	0	201.1839	32.29008	697.2138	1.032258
0	0	0	0	0	0	447.0754	44.12977	1044.741	8.258065
0	0	0	0	0	0	596.8457	71.03817	1557.399	2.064516
0	0	0	0	0	0	420.2509	38.74809	1276.786	3.096774
0	0	0	0	0	0	495.136	64.58015	1590.856	2.064516
0	0	0	0	0	0	570.0211	63.50382	1372.842	3.096774
0	0	0	0	0	0	463.8407	60.27481	1191.523	1.032258
0	0	0	0	0	0	488.4299	60.27481	1861.755	5.16129
0	0	0	0	0	0	415.7801	45.20611	1229.298	4.129032
0	0	0	0	0	0	379.5632	0	606.1783	3.461538
0	0	0	0	0	0	533.9037	0	1032.502	1.153846
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0	0	0	0	0	0	549.9094	0	1487.69	4.615385
0	0	0	0	0	0	331.5462	0	899.2755	2.307692
0	0	0	0	0	0	89.66521	11.9697	200.6726	0
0	0	0	0	0	0	49.31587	3.590909	118.1739	0
0	0	0	0	0	0	77.33624	8.378788	221.8547	1
0	0	0	0	0	0	57.16157	7.181818	131.552	2
0	0	0	0	0	0	40.34934	9.575758	166.1123	1

0	0	0	0	0	0	44.83261	8.378788	178.3756	0
0	0	0	0	0	0	17.93304	1.19697	123.7481	0
0	0	0	0	0	0	54.91994	3.590909	147.1599	0
0	0	0	0	0	0	106.4774	20.34848	366.7849	0
0	0	0	0	0	0	302.6201	43.09091	948.7354	1
0	0	0	0	0	0	147.9476	25.13636	628.7741	0
0	0	0	0	0	0	179.3304	35.90909	748.0628	1
0	0	0	0	0	0	126.6521	20.34848	285.401	0
0	0	0	0	0	0	153.5517	21.54545	693.4353	0
0	0	0	0	0	0	91.90684	16.75758	312.1574	0
0	0	0	0	0	0	259.2484	0	715.4	3.4
0	0	0	0	0	0	423.4781	0	914.1223	2.266667
0	0	0	0	0	0	770.7066	0	1548.929	2.266667
0	0	0	0	0	0	644.0151	0	1506.977	2.266667
0	0	0	0	0	0	925.5518	0	1725.571	6.8
0	0	0	0	0	0	308	0	152.0904	0
0	0	0	0	0	0	88	0	104.0619	0
0	0	0	0	0	0	285	0	57.03391	0
0	0	0	0	0	0	404	0	161.0958	0
0	0	0	0	0	0	275	0	374.2225	0
0	0	0	0	0	0	709	0	390.232	0
0	0	0	0	0	0	109	0	200.119	0
0	0	0	0	0	0	184	0	113.0672	0
0	0	0	0	0	0	93	0	130.0773	0
0	0	0	0	0	0	305.8539	0	477.9015	2.416667
0	0	0	0	0	0	163.4928	0	240.5987	0
0	0	0	0	0	0	358.1271	0	462.5207	4.833333
0	0	0	0	0	0	182.4001	0	410.8854	1.208333
0	0	0	0	0	0	211.3172	0	335.0804	1.208333
0	0	0	0	0	0	414.8491	0	463.6194	1.208333
0	0	0	0	0	0	246.9075	0	135.1308	0
0	0	0	0	0	0	205.7563	0	404.2937	3.625
0	0	0	0	0	0	685.1127	0	465.8166	0
0	0	0	0	0	0	491.5906	0	511.9588	1.208333
0	0	0	0	0	0	279.1612	0	677.8511	1.208333
0	0	0	0	0	0	448.215	0	972.2823	1.208333
0	0	0	0	0	0	133.4635	0	554.8052	2.416667
0	0	0	0	0	0	235.7855	0	562.4955	1.208333
0	0	0	0	0	0	507.1614	0	676.7524	6.041667
0	0	0	0	0	0	112.3318	0	227.4152	0
0	0	0	0	0	0	289.1709	0	837.1516	0
0	0	0	0	0	0	111.2196	0	647.0896	0
0	0	0	0	0	0	102.322	0	408.6882	0
0	0	0	0	0	0	622.8297	0	303.2203	1.208333
0	0	0	0	0	0	385.932	0	205.4427	0
0	0	0	0	0	0	747.0816	66.08132	677.9913	3.46988
0	0	0	0	0	0	637.4798	57.27048	1011.001	2.313253

0	0	0	0	0	0	834.3157	57.27048	565.8997	4.626506
0	0	0	0	0	0	335.5157	28.63524	688.874	0
0	0	0	0	0	0	471.9587	50.66235	885.8506	0
0	0	0	0	0	0	530.1148	55.06777	1642.197	6.939759
0	0	0	0	0	0	359.0018	31.9393	704.1098	1.156627
0	0	0	0	0	0	447.3543	39.64879	1137.241	0
0	0	0	0	0	0	469.722	29.73659	769.4059	2.313253
0	0	0	0	0	0	432.8152	38.54744	1065.415	0
0	0	0	0	0	0	153.2188	17.62169	293.8325	1.156627
0	0	0	0	0	0	143.1534	14.31762	427.6895	2.313253
0	0	0	0	0	0	485.3794	57.27048	1443.044	10.40964
0	0	0	0	0	0	466.3668	59.47319	1217.773	1.156627
0	0	0	0	0	0	1186.607	107.9328	2598.785	8.096386
0	0	0	0	0	0	617.3489	51.7637	1339.659	1.156627
0	0	0	0	0	0	380.2511	48.45963	1711.846	3.46988
0	0	0	0	0	0	657.6108	90.31114	1863.116	5.783133
0	0	0	0	0	0	432.8152	40.75015	1854.41	1.156627
0	0	0	0	0	0	361.2386	35.24337	879.321	1.156627
0	0	0	0	0	0	152.1004	26.43253	330.8336	0
0	0	0	0	0	0	523.4045	60.57454	1449.574	3.46988
0	0	0	0	0	0	569.2583	58.37183	1138.329	2.313253
0	0	0	0	0	0	231.5058	51.7637	1070.856	0
0	0	0	0	0	0	224.7955	27.53388	807.4953	1.156627
0	0	0	0	0	0	372.4224	50.66235	1052.356	1.156627
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0	0	0	0	0	0	713.53	114.541	2082.946	4.626506
0	0	0	0	0	0	532.3516	85.90572	1582.342	4.626506
0	0	0	0	0	0	620.704	58.37183	909.7925	2.313253
0	0	0	0	0	0	332.1605	34.14202	1009.913	1.156627
0	0	0	0	0	0	477.5507	55.06777	1350.541	4.626506
0	0	0	0	0	0	570.3767	47.35828	1133.976	4.626506
0	0	0	0	0	0	503.2735	53.96641	1252.597	2.313253
0	0	0	0	0	0	693.3991	81.50029	1337.482	2.313253
0	0	0	0	0	0	307.5561	33.04066	740.0226	0
0	0	0	0	0	0	1253.351	0	1544.923	2.254072
0	0	0	0	0	0	1526.46	0	662.2683	5.635179
0	0	0	0	0	0	1187.624	0	1767.525	4.508143
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0	0	0	0	0	0	685.6036	0	557.0584	5.635179
0	0	0	0	0	0	1282.815	0	976.7903	10.14332
0	0	0	0	0	0	533.7509	0	431.9141	2.254072
0	0	0	0	0	0	1308.88	0	1625.769	7.889251
0	0	0	0	0	0	293.5064	0	523.8343	2.254072
0	0	0	0	0	0	455.5581	0	355.4985	4.508143
0	0	0	0	0	0	990.4423	0	895.9448	13.52443
0	0	0	0	0	0	1067.502	0	1082	7.889251
0	0	0	0	0	0	421.5612	0	472.8905	0

0	0	0	0	0	0	363.7666	0	502.7923	2.254072
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0	0	0	0	0	0	562.0817	0	485.0727	2.254072
0	0	0	0	0	0	787.5943	0	702.1372	3.381107
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0	0	0	0	0	0	1118.497	0	594.7125	5.635179
0	0	0	0	0	0	250.4436	0	256.9335	0
0	0	0	0	0	0	222.1129	0	382.0778	2.254072
0	0	0	0	0	0	1861.265	0	74.54065	6.36
0	0	0	0	0	0	1384.806	0	530.4791	5.635179
0	0	0	0	0	0	1664.929	0	106.9496	1.06
0	0	0	0	0	0	1062.458	0	192.2933	3.18
0	0	0	0	0	0	895.251	0	272.4381	1.127036
0	0	0	0	0	0	735.9794	0	59.41646	3.18
0	0	0	0	0	0	411.3622	0	192.7001	4.508143
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0	0	0	0	0	0	747.9312	0	475.1055	7.889251
0	0	0	0	0	0	1974.579	0	108.0299	5.3
0	0	0	0	0	0	412.4954	0	352.1761	0
0	0	0	0	0	0	283.3073	0	283.5128	2.254072
0	0	0	0	0	0	60.06115	0	63.1259	0
0	0	0	0	0	0	199.4483	0	58.69602	1.127036
0	0	0	0	0	0	2286.473	0	199.8554	6.36
0	0	0	0	0	0	164.3182	0	134.0041	2.254072
0	0	0	0	0	0	1072.035	0	302.3399	2.254072
0	0	0	0	0	0	1351.942	0	1003.37	10.14332
0	0	0	0	0	0	602.4709	0	56.17556	2.12
0	0	0	0	0	0	593.8121	0	812.8844	2.254072
0	0	0	0	0	0	754.7306	0	1206.037	3.381107
0	0	0	0	0	0	1041.438	0	1115.224	5.635179
0	0	0	0	0	0	516.7525	0	725.3942	1.127036
0	0	0	0	0	0	847.6554	0	1554.891	4.508143
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0	0	0	0	0	0	943.9799	0	1286.882	4.508143
0	0	0	0	0	0	828.3905	0	1615.802	16.90554
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0	0	0	0	0	0	826.1241	0	719.8568	1.127036
0	0	0	0	0	0	1229.554	0	1788.567	3.381107
0	0	0	0	0	0	992.7087	0	1157.308	3.381107
0	0	0	0	0	0	1528.726	0	817.3143	10.14332
0	0	0	0	0	0	1050.503	0	1155.093	10.14332
0	0	0	0	0	0	981.3765	0	805.1321	7.889251
0	0	0	0	0	0	528.0848	0	1022.197	2.254072
0	0	0	0	0	0	613.077	0	767.4781	7.889251

0	0	0	0	0	0	932.6476	0	1534.956	12.39739
0	0	0	0	0	0	837.4564	0	1006.692	5.635179
0	0	0	0	0	0	634.6083	0	1001.155	7.889251
0	0	0	0	0	0	924.715	0	940.2437	10.14332
0	0	0	0	0	0	891.8514	0	1147.341	5.635179
0	0	0	0	0	0	334.3026	0	926.9541	7.889251
0	0	0	0	0	0	909.983	0	776.3379	4.508143
0	0	0	0	0	0	1101.499	0	1145.126	5.635179
0	0	0	0	0	0	1007.441	0	1421.994	3.381107
0	0	0	0	0	0	683.3372	0	809.562	1.127036
0	0	0	0	0	0	616.4767	0	543.7687	5.635179
0	0	0	0	0	0	367.1662	0	489.5026	1.127036
0	0	0	0	0	0	832.9234	0	1872.735	4.508143
0	0	0	0	0	0	734.3325	0	675.5579	2.254072
0	0	0	0	0	0	902.0504	0	1213.789	5.635179
0	0	0	0	0	0	374.7212	0	1101.905	4.24
0	0	0	0	0	0	755.052	0	151.2419	3.18
0	0	0	0	0	0	802.1726	0	933.3786	4.24
0	0	0	0	0	0	799.9288	0	468.8499	2.12
0	0	0	0	0	0	943.5345	0	909.612	4.24
0	0	0	0	0	0	1221.771	0	472.0908	7.42
0	0	0	0	0	0	120.0454	0	446.1636	0
0	0	0	0	0	0	1299.183	0	303.5641	4.24
0	0	0	0	0	0	1118.554	0	442.9227	6.36
0	0	0	0	0	0	1014.215	0	432.1197	1.06
0	0	0	0	0	0	2400.908	0	352.1776	10.6
0	0	0	0	0	0	554.2284	0	339.214	3.18
0	0	0	0	0	0	1979.066	0	284.1187	1.06
0	0	0	0	0	0	3148.107	0	405.1122	6.36
0	0	0	0	0	0	484.6693	0	1046.81	5.3
0	0	0	0	0	0	962.6072	0	500.1786	3.18
0	0	0	0	0	0	305.1622	0	419.1561	3.18
0	0	0	0	0	0	610.3244	0	944.1815	3.18
0	0	0	0	0	0	257.9086	15.91716	271.6739	2.060606
0	0	0	0	0	0	183.746	31.83432	776.8346	7.212121
0	0	0	0	0	0	397.3784	47.75148	1241.626	7.212121
0	0	0	0	0	0	199.2427	25.46746	430.9686	13.39394
0	0	0	0	0	0	355.3161	29.71203	709.1888	5.151515
0	0	0	0	0	0	670.7837	31.83432	307.6789	4.121212
0	0	0	0	0	0	299.9709	33.95661	913.217	4.121212
0	0	0	0	0	0	385.6015	0	380.3842	1.0625
0	0	0	0	0	0	576.7544	0	803.2755	3.1875
0	0	0	0	0	0	737.172	0	716.0814	3.1875
0	0	0	0	0	0	303.208	0	380.3842	3.1875
0	0	0	0	0	0	177.1046	29.71203	550.9852	10.30303
0	0	0	0	0	0	235.7705	33.95661	566.26	8.242424
0	0	0	0	0	0	400.6991	48.81262	843.3892	7.212121

0	0	0	0	0	0	318.5881	0	476.2977	4.25
0	0	0	0	0	0	245.7326	22.28402	367.6871	3.090909
0	0	0	0	0	0	199.2427	29.71203	676.4571	10.30303
0	0	0	0	0	0	224.7015	55.17949	1096.515	9.272727
0	0	0	0	0	0	120.6525	9.550296	357.8676	1.030303
0	0	0	0	0	0	133.8688	16.9783	350.1758	0
0	0	0	0	0	0	303.2916	37.14004	765.924	5.151515
0	0	0	0	0	0	194.8151	11.67258	274.9471	2.060606
0	0	0	0	0	0	303.208	0	1021.261	2.125
0	0	0	0	0	0	199.2427	26.5286	741.9206	2.060606
0	0	0	0	0	0	126	0	338	0
0	0	0	0	0	0	23	0	82	0
0	0	0	0	0	0	63	0	189	0
0	0	0	0	0	0	38	0	96	0
0	0	0	0	0	0	60	0	265	0
0	0	0	0	0	0	14	0	83	0
0	0	0	0	0	0	895.223	0	1599.302	5.657895
0	0	0	0	0	0	752.3445	0	1223.253	3.394737
0	0	0	0	0	0	805.924	0	1587.277	5.657895
0	0	0	0	0	0	908.6179	0	1498.731	6.789474
0	0	0	0	0	0	997.9169	0	802.3839	3.394737
0	0	0	0	0	0	1185.445	0	637.3158	3.394737
0	0	0	0	0	0	226.5963	0	555.3283	2.263158
0	0	0	0	0	0	598.3037	0	996.9674	1.131579
0	0	0	0	0	0	522.3995	0	803.477	4.526316
0	0	0	0	0	0	248.9211	0	640.5953	1.131579
0	0	0	0	0	0	280.1758	0	189.1177	0
0	0	0	0	0	0	261.1997	0	330.1361	2.263158
0	0	0	0	0	0	369.4748	0	798.0112	2.263158
0	0	0	0	0	0	196.4579	0	447.1049	1.131579
1680.65	13.28571	0	0	0	0	904.3878	75.02428	1716.308	5.368421
0	0	0	0	0	0	689.5198	87.91908	1187.946	4.026316
0	0	0	0	0	0	950.5176	70.33526	2440.92	8.052632
414.3902	1.47619	0	0	0	0	376.431	0	455.8445	0
409.5294	2.952381	489.8866	18.79297	318.3652	0	471.1704	0	441.0203	1.2
0	0	1424.195	78.48828	994.609	3.375	1249.443	103.1584	1258.781	8.052632
0	0	0	0	0	0	732.0078	76.19653	1362.131	0
0	0	0	0	0	0	838.8348	42.20116	1969.458	2.684211
0	0	0	0	0	0	976.0104	73.85202	1911.396	5.368421
0	0	561.4942	34.26953	394.0052	0	524.4235	43.37341	462.1724	0
0	0	0	0	0	0	324.1229	46.89017	837.252	2.684211
0	0	1368.5	85.12109	1078.152	2.25	1234.58	98.46936	1321.488	2.684211
0	0	0	0	0	0	1040.349	110.1919	1905.59	2.684211
0	0	0	0	0	0	1340.193	111.3642	2271.38	8.052632
0	0	0	0	0	0	838.8348	73.85202	1765.08	1.342105
607.6103	2.952381	926.3517	40.90234	362.3944	1.125	961.2886	0	505.2585	1.2
1726.829	5.904762	0	0	0	0	737.7038	0	1954.325	3.6

194.4353	2.952381	312.5727	25.42578	135.4746	2.25	344.8512	0	197.6561	1.2
1465.556	1.47619	0	0	0	0	1088.329	1.172254	1583.992	4.8
0	0	0	0	0	0	364.0347	16.90244	305.0455	0
0	0	0	0	0	0	227.3817	16.90244	542.303	1
0	0	0	0	0	0	224.0214	28.97561	451.5547	0
0	0	0	0	0	0	305.7891	21.73171	416.5674	0
0	0	0	0	0	0	137.7731	14.4878	521.5293	0
0	0	0	0	0	0	572.6157	61.43077	1543.54	1.130435
0	0	0	0	0	0	328.3611	36.85846	792.2595	0
0	0	0	0	0	0	760.4152	97.17231	2201.48	10.17391
0	0	0	0	0	0	925.1719	87.12	1669.892	9.043478
0	0	0	0	0	0	798.436	80.41846	1899.829	5.652174
0	0	0	0	0	0	409.3761	64.15584	1123.364	3.2
0	0	0	0	0	0	183.142	25.66234	389.7167	0
0	0	0	0	0	0	385.6754	25.66234	692.1199	3.2
0	0	0	0	0	0	365.2066	42.77056	1263.917	2.133333
0	0	0	0	0	0	461.0868	43.83983	1213.872	6.4
0	0	0	0	0	0	578.5131	44.90909	1249.01	1.066667
0	0	0	0	0	0	396.611	32.18898	840.78	0
0	0	0	0	0	0	634.5776	13.79528	541.4806	4
0	0	0	0	0	0	231.1675	17.24409	764.2416	1.333333
0	0	0	0	0	0	123.516	12.64567	350.7058	0
0	0	0	0	0	0	624.379	37.93701	456.9456	1.333333
0	0	0	0	0	0	363.7489	32.18898	1017.846	1.333333
0	0	0	0	0	0	120.8626	12.07843	351.9345	0
0	0	0	0	0	0	100.1744	14.27451	350.8483	2.25
0	0	0	0	0	0	167.6832	16.47059	704.9553	1.125
0	0	0	0	0	0	64.24227	1.098039	106.4493	0
0	0	0	0	0	0	105.6187	6.588235	612.6268	1.125
0	0	0	0	0	0	233.0143	19.76471	814.6632	0
0	0	0	0	0	0	230.8366	19.76471	889.6123	1.125
0	0	0	0	0	0	137.1954	15.37255	574.6091	0
0	0	0	0	0	0	112.1518	9.882353	300.8823	0
0	0	0	0	0	0	82.75276	9.882353	233.5368	2.25
0	0	0	0	0	0	77.3085	3.294118	324.7791	1.125
0	0	0	0	0	0	166.5944	9.882353	569.178	0
0	0	0	0	0	0	120.8626	12.07843	232.4506	0
0	0	0	0	0	0	192.7268	12.07843	661.5065	0
0	0	0	0	0	0	14.15508	2.196078	98.84581	0
0	0	0	0	0	0	46.82064	3.294118	140.1221	0
0	0	0	0	0	0	926.447	0	1182.346	10.17163
0	0	0	0	0	0	1055.291	0	1054.011	12.71454
0	0	0	0	0	0	784.1054	0	678.5119	6.357268
0	0	0	0	0	0	963.2594	0	849.6253	7.628722
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0	0	0	0	0	0	1106.828	0	893.5919	6.357268
0	0	0	0	0	0	1997.69	0	1665.978	10.17163

0	0	0	0	0	0	1061.426	0	1061.14	1.271454
0	0	0	0	0	0	666.3056	0	707.0308	8.900175
0	0	0	0	0	0	1160.82	0	1183.534	8.900175
0	0	0	0	0	0	576.7286	0	746.2443	7.628722
0	0	0	0	0	0	711.7076	0	716.5371	3.814361
0	0	0	0	0	0	1067.561	0	871.0144	5.085814
0	0	0	0	0	0	687.166	0	691.5831	8.900175
0	0	0	0	0	0	787.7867	0	760.5037	6.357268
0	0	0	0	0	0	1121.553	0	968.454	6.357268
0	0	0	0	0	0	1373.105	0	1146.697	8.900175
0	0	0	0	0	0	504.3307	0	392.1347	6.357268
0	0	0	0	0	0	1273.711	0	1237.007	6.357268
0	0	0	0	0	0	1373.105	0	998.1611	12.71454
0	0	0	0	0	0	895.7699	0	1046.881	3.814361
0	0	0	0	0	0	1166.955	0	1134.814	3.814361
0	0	0	0	0	0	953.4428	0	620.2859	3.814361
0	0	0	0	0	0	1022.159	0	817.5415	6.357268
0	0	0	0	0	0	995.1636	0	1548.338	8.900175
0	0	0	0	0	0	803.7388	0	1384.354	12.71454
0	0	0	0	0	0	723.9784	0	1267.902	3.814361
0	0	0	0	0	0	381.6225	0	608.403	5.085814
0	0	0	0	0	0	535.0078	0	494.3274	1.271454
0	0	0	0	0	0	543.5974	0	539.4823	3.814361
0	0	0	0	0	0	346.0371	0	474.1265	2.542907
0	0	0	0	0	0	938.7178	0	1548.338	7.628722
0	0	0	0	0	0	728.8868	0	1381.978	8.900175
0	0	0	0	0	0	1175.545	0	1027.868	3.814361
0	0	0	0	0	0	2295.871	0	2118.716	12.71454
0	0	0	0	0	0	2160.892	0	1560.221	17.80035
0	0	0	0	0	0	260.1414	0	468.1851	2.542907
0	0	0	0	0	0	1806.265	0	1532.89	13.98599
0	0	0	0	0	0	656.4889	0	1220.371	7.628722
0	0	0	0	0	0	990.2552	0	1652.907	12.71454
0	0	0	0	0	0	820.9179	0	1311.869	5.085814
0	0	0	0	0	0	1044.247	0	1475.853	8.900175
0	0	0	0	0	0	672.441	0	715.3488	6.357268
0	0	0	0	0	0	925.2199	0	882.8973	3.814361
0	0	0	0	0	0	793.9221	0	1433.074	5.085814
0	0	0	0	0	0	671.2139	0	1109.86	8.900175
0	0	0	0	0	0	33.13122	0	73.6738	1.271454
0	0	0	0	0	0	676.1222	0	622.6624	11.44308
0	0	0	0	0	0	1061.426	0	1674.296	8.900175
0	0	0	0	0	0	703.118	0	1144.32	5.085814
0	0	0	0	0	0	100.6207	0	203.1971	0
0	0	0	0	0	0	731.3409	0	1398.614	12.71454
0	0	0	0	0	0	1083.513	0	1005.291	12.71454
0	0	0	0	0	0	1506.857	0	836.5541	6.357268

0	0	0	0	0	0	546.0515	0	589.3904	5.085814
0	0	0	0	0	0	1094.557	0	1032.621	7.628722
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0	0	0	0	0	0	846.6866	0	614.3444	2.542907
0	0	0	0	0	0	592.6806	0	638.1102	10.17163
0	0	0	0	0	0	1120.326	0	1221.559	15.25744
0	0	0	0	0	0	1492.132	0	981.5251	10.17163
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0	0	0	0	0	0	1104.374	0	1175.216	10.17163
0	0	0	0	0	0	704.3451	0	278.0592	3.814361
0	0	0	0	0	0	722.7513	0	360.051	5.085814
0	0	0	0	0	0	1305.615	0	1289.291	16.5289
0	0	0	0	0	0	1450.411	0	1269.091	19.0718
0	0	0	0	0	0	1411.144	0	949.4414	11.44308
0	0	0	0	0	0	883.4991	0	862.6964	6.357268
0	0	0	0	0	0	402.4829	0	550.1769	2.542907
0	0	0	0	0	0	451.5662	0	490.7626	0
0	0	0	0	0	0	962.0323	0	705.8425	5.085814
0	0	0	0	0	0	1278.62	0	943.4999	8.900175
0	0	0	0	0	0	320.2684	0	314.8961	6.357268
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0	0	0	0	0	0	1516.673	0	1087.283	8.900175
0	0	0	0	0	0	1031.976	0	644.0516	7.628722
0	0	0	0	0	0	954.6699	0	919.7342	8.900175
0	0	0	0	0	0	1326.476	0	755.7506	13.98599
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0	0	0	0	0	0	1315.432	0	1427.133	8.900175
0	0	0	0	0	0	1211.13	0	1111.048	7.628722
0	0	0	0	0	0	979.2115	0	780.7046	3.814361
0	0	0	0	0	0	1025.841	0	1330.882	8.900175
0	0	0	0	0	0	937.4907	0	1054.011	3.814361
0	0	0	0	0	0	1378.013	0	1477.041	20.34326
0	0	0	0	0	0	917.8574	0	963.7008	6.357268
0	0	0	0	0	0	843.0054	0	949.4414	6.357268
0	0	0	0	0	0	992.7094	0	947.0648	8.900175
0	0	0	0	0	0	727.6597	0	783.0812	2.542907
0	0	0	0	0	0	756.642	0	1172.387	8.410256
0	0	0	0	0	0	407.4226	0	618.2684	1.051282
0	0	0	0	0	0	408.5638	0	736.6132	0
0	0	0	0	0	0	396.0102	0	696.7962	3.153846
0	0	0	0	0	0	1046.517	0	951.1822	3.153846
0	0	0	0	0	0	224.8242	0	311.8993	2.102564
0	0	0	0	0	0	555.7838	0	1245.385	6.307692
0	0	0	0	0	0	240.8016	0	334.0198	1.051282

0	0	0	0	0	0	277.3213	0	318.5354	1.051282
0	0	0	0	0	0	328.6771	0	630.4347	1.051282
0	0	0	0	0	0	163.1973	0	513.196	1.051282
0	0	0	0	0	0	216.8356	0	785.2783	4.205128
0	0	0	0	0	0	374.3267	0	973.3027	4.205128
0	0	0	0	0	0	413.1288	0	1054.043	3.153846
0	0	0	0	0	0	338.9482	0	726.6589	1.051282
0	0	0	0	0	0	168.0833	0	468.2583	2
0	0	0	0	0	0	193.8561	0	400.742	1
0	0	0	0	0	0	86.28278	0	316.8911	0
0	0	0	0	0	0	161.36	0	286.3999	1
0	0	0	0	0	0	67.23333	0	227.5953	0
0	0	0	0	0	0	145.6722	0	376.7846	0
0	0	0	0	0	0	197.2178	0	165.5239	0
0	0	0	0	0	0	296.9472	0	149.1893	0
0	0	0	0	0	0	417.9672	0	313.6242	1
0	0	0	0	0	0	144.5517	0	190.5703	1
0	0	0	0	0	0	137.8283	0	274.4212	0
0	0	0	0	0	0	327.5447	0	473.7249	0
0	0	0	0	0	0	412.8909	0	742.4208	2
0	0	0	0	0	0	151.0858	0	411.1371	1
0	0	0	0	0	0	16.14657	0	52.8759	0
0	0	0	0	0	0	441.724	0	861.1218	2
0	0	0	0	0	0	243.3519	0	482.3577	2
0	0	0	0	0	0	326.3914	0	956.0826	0
0	0	0	0	0	0	200.6788	0	416.5326	0
0	0	0	0	0	0	99.18607	0	255.7467	1
0	0	0	0	0	0	297.3553	22.55172	898.4585	1
0	0	0	0	0	0	485.7657	42.5977	1366.011	4
0	0	0	0	0	0	540.879	43.85057	1483.531	4
0	0	0	0	0	0	242.6316	0	269.2589	1.375
0	0	0	0	0	0	57.71335	0	134.0614	0
0	0	0	0	0	0	502.9306	0	449.9009	2.75
0	0	0	0	0	0	244.9873	0	259.0338	0
0	0	0	0	0	0	123.6715	0	82.93627	0
0	0	0	0	0	0	332.1462	0	107.9308	1.375
0	0	0	0	0	0	262.6546	0	848.6766	1.375
0	0	0	0	0	0	289.7446	0	421.498	1.375
0	0	0	0	0	0	817.4094	0	497.6176	2.75
0	0	0	0	0	0	133.094	0	85.2085	2.75
0	0	0	0	0	0	636.0246	0	963.4241	0
0	0	0	0	0	0	216.7195	0	461.262	2.75
0	0	0	0	0	0	71.84723	0	298.7978	0
0	0	0	0	0	0	89.51458	0	194.2754	0
0	0	0	0	0	0	110.7154	0	256.7616	1.375
0	0	0	0	0	0	279.1441	0	464.6703	1.375
0	0	0	0	0	0	233.209	0	368.1007	0

0	0	0	0	0	0	96.58152	0	122.7002	0
0	0	0	0	0	0	240.276	0	588.5067	1.375
0	0	0	0	0	0	254.4099	0	366.9646	0
0	0	0	0	0	0	29.44559	0	180.642	0
0	0	0	0	0	0	77.73634	0	298.7978	1.375
0	0	0	0	0	0	393.393	0	942.974	0
0	0	0	0	0	0	126.3329	18.13333	289.1627	0
0	0	0	0	0	0	163.0843	13.6	529.9483	2
0	0	0	0	0	0	266.4475	28.33333	1029.111	0
0	0	0	0	0	0	396.2258	30.6	640.9956	0
0	0	0	0	0	0	389.3349	34	609.1107	0
0	0	0	0	0	0	321.5746	45.33333	902.6713	1
0	0	0	0	0	0	996.0494	62.4583	924.6905	1.060241
0	0	0	0	0	0	1231.06	87.22625	584.353	8.481928
0	0	0	0	0	0	1651.663	91.53372	987.8349	5.301205
0	0	0	0	0	0	109.818	6.461204	144.4829	2.120482
0	0	0	0	0	0	1010.326	82.91878	1316.4	1.060241
0	0	0	0	0	0	542.501	41.99782	870.1081	3.180723
0	0	0	0	0	0	1112.456	75.38071	1521.886	3.180723
0	0	0	0	0	0	393.1485	50.61276	1369.912	2.120482
0	0	0	0	0	0	557.8755	52.7665	1207.235	0
0	0	0	0	0	0	153.7452	17.22988	464.4857	2.120482
0	0	0	0	0	0	583.1337	60.30457	1216.867	5.301205
0	0	0	0	0	0	387.6576	34.45975	725.6252	0
0	0	0	0	0	0	373.3812	32.30602	1283.222	1.060241
0	0	0	0	0	0	361.3013	35.53662	1054.19	0
0	0	0	0	0	0	186.6906	18.30674	613.2496	1.060241
0	0	0	0	0	0	702.8353	48.45903	1260.747	1.060241
0	0	0	0	0	0	1033.388	52.7665	1045.628	2.120482
0	0	0	0	0	0	505.1629	52.7665	790.9101	2.120482
0	0	0	0	0	0	1007.031	116.3017	689.2369	11.66265
0	0	0	0	0	0	1484.74	96.91806	847.633	4.240964
0	0	0	0	0	0	1358.449	101.2255	783.4184	8.481928
0	0	0	0	0	0	339.3377	44.15156	339.2672	7.421687
0	0	0	0	0	0	1667.037	132.4547	1037.066	6.361446
0	0	0	0	0	0	1199.213	90.45685	663.5511	8.481928
0	0	0	0	0	0	809.6294	0	862.8473	2.26087
0	0	0	0	0	0	416.8824	0	500.9396	5.652174
0	0	0	0	0	0	262.1971	0	303.5355	0
0	0	0	0	0	0	588.0235	0	672.8723	1.130435
0	0	0	0	0	0	96.54118	0	127.3575	0
0	0	0	0	0	0	515.6176	0	864.9699	10.17391
0	0	0	0	0	0	36.20294	0	85.96634	1.130435
0	0	0	0	0	0	307.1765	0	321.5778	1.130435
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0	0	0	0	0	0	141.0839	13.71429	480.8237	3.321429
0	0	0	0	0	0	356.0688	63.2967	1327.117	3.321429

0	0	0	0	0	0	490.4344	56.96703	1100.72	3.321429
0	0	0	0	0	0	204.9075	25.31868	735.2506	3.321429
0	0	0	0	0	0	371.7448	32.7033	596.1783	3.321429
0	0	0	0	0	0	370.6251	47.47253	843.0586	1.107143
0	0	0	0	0	0	482.5964	43.25275	1139.531	0
0	0	0	0	0	0	193.7104	35.86813	472.1991	7.75
0	0	0	0	0	0	254.1749	32.7033	615.5837	4.428571
0	0	0	0	0	0	258.6538	32.7033	932.5392	1.107143
0	0	0	0	0	0	568.7148	0	854.8722	1.111111
0	0	0	0	0	0	719.1563	0	462.5284	3.333333
0	0	0	0	0	0	594.9281	0	449.8722	2.222222
0	0	0	0	0	0	410.2952	0	743.267	1.111111
0	0	0	0	0	0	447.9056	0	729.4602	2.222222
0	0	0	0	0	0	362.004	22.10909	827.9346	0
0	0	0	0	0	0	349.5601	30.25455	1057.605	1.142857
0	0	0	0	0	0	471.7365	16.29091	312.5761	0
0	0	0	0	0	0	272.6343	11.63636	115.3955	0
0	0	0	0	0	0	426.486	29.09091	1281.674	2.285714
0	0	0	0	0	0	375.5792	18.61818	1217.814	4.571429
0	0	0	0	0	0	272.1998	0	517.6196	0
0	0	0	0	0	0	179.6298	0	391.3432	3
0	0	0	0	0	0	371.382	0	638.2079	1.5
0	0	0	0	0	0	94.77403	0	348.1134	3
0	0	0	0	0	0	372.484	0	242.3142	1.5
0	0	0	0	0	0	152.0793	0	278.7183	0
0	0	0	0	0	0	493.7066	0	175.1943	0
0	0	0	0	0	0	198.3642	0	468.7017	0
0	0	0	0	0	0	479.3803	0	791.7874	0
0	0	0	0	0	0	587.0209	0	1145.231	3.391304
0	0	0	0	0	0	647.2854	0	949.1222	1.130435
0	0	0	0	0	0	512.2483	0	1198.321	4.521739
0	0	0	0	0	0	392.8353	0	1104.059	1.130435
0	0	0	0	0	0	888.3434	0	1191.82	1.130435
0	0	0	0	0	0	223.2019	0	423.6379	0
0	0	0	0	0	0	406.2274	0	1306.668	1.130435
0	0	0	0	0	0	642.8213	0	1037.967	7.913043
0	0	0	0	0	0	736.5661	0	1201.571	0
0	0	0	0	0	0	735.4501	0	1448.603	5.652174
0	0	0	0	0	0	590.541	0	1441.581	5
0	0	0	0	0	0	612.4129	0	1649.666	2.5
0	0	0	0	0	0	470.8212	0	1794.467	2.5
0	0	0	0	0	0	393.694	0	1386.878	5
0	0	0	0	0	0	430.5309	0	1675.408	0
0	0	0	0	0	0	125.2714	21.06335	400.0439	0
0	0	0	0	0	0	84.64286	13.30317	401.131	0
0	0	0	0	0	0	89.15714	18.84615	406.5663	0
0	0	0	0	0	0	54.17143	11.08597	248.9403	0

0	0	0	0	0	0	187.3429	14.41176	687.0319	1
0	0	0	0	0	0	126.4	14.41176	539.1896	0
0	0	0	0	0	0	283.2714	23.28054	734.8632	0
0	0	0	0	0	0	80.12857	18.84615	545.712	2
0	0	0	0	0	0	176.0571	34.36652	465.2684	0
0	0	0	0	0	0	182.8286	22.17195	642.4618	3
0	0	0	0	0	0	69.97143	11.08597	289.1622	0
0	0	0	0	0	0	121.8857	23.28054	451.1364	20
0	0	0	0	0	0	156.8714	18.84615	530.493	3
0	0	0	0	0	0	376.4332	0	1989.444	9.142857
0	0	0	0	0	0	210.6645	0	597.808	2.285714
0	0	0	0	0	0	191.0945	0	805.7412	1.142857
0	0	0	0	0	0	164.6176	0	425.6133	0
0	0	0	0	0	0	184.1875	0	677.9489	0
0	0	0	0	0	0	78.27969	0	177.6096	0
0	0	0	0	0	0	126.6289	0	460.2688	1.142857
0	0	0	0	0	0	135.8383	0	518.75	1.142857
0	0	0	0	0	0	385.6426	0	1215.11	2.285714
0	0	0	0	0	0	470.8293	0	330.3106	0
0	0	0	0	0	0	405.2125	0	310.8168	0
0	0	0	0	0	0	759.7735	0	254.5016	1.142857
0	0	0	0	0	0	246.3508	0	201.4353	0
0	0	0	0	0	0	261.316	0	282.6592	0
0	0	0	0	0	0	171.5246	0	760.2558	1.142857
0	0	0	0	0	0	438.5965	0	1330.989	2.285714
0	0	0	0	0	0	526.0856	0	1336.404	0
0	0	0	0	0	0	443.2012	0	1073.239	1.142857
0	0	0	0	0	0	466.2247	0	1142.55	3.428571
0	0	0	0	0	0	223.3274	0	617.3017	1.142857
0	0	0	0	0	0	292.3977	0	918.3717	3.428571
0	0	0	0	0	0	332.6887	0	632.4635	2.285714
0	0	0	0	0	0	255.5602	0	663.8701	1.142857
0	0	0	0	0	0	477.7364	0	505.7542	2.285714
0	0	0	0	0	0	86.3379	0	348.7213	2.285714
0	0	0	0	0	0	204.9086	0	1121.973	0
0	0	0	0	0	0	99.00079	0	204.6842	2.285714
0	0	0	0	0	0	547.9579	0	1614.731	4.571429
0	0	0	0	0	0	179.5828	0	752.6749	2.285714
0	0	0	0	0	0	390.0043	0	1503.584	6.439024
0	0	0	0	0	0	321.047	0	928.2996	1.073171
0	0	0	0	0	0	228.3503	0	845.4935	2.146341
0	0	0	0	0	0	269.0464	0	1210.494	4.292683
0	0	0	0	0	0	405.8305	0	1474.166	3.219512
0	0	0	0	0	0	396.787	0	1159.285	4.292683
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0	0	0	0	0	0	510.9621	0	1900.181	1.073171
0	0	0	0	0	0	222.6981	0	694.0456	1.073171

0	0	0	0	0	0	522.2666	0	849.8518	1.073171
0	0	0	0	0	0	274.6987	0	475.0453	16.09756
0	0	0	0	0	0	139.045	0	538.2394	1.073171
0	0	0	0	0	0	551.5315	0	587.7193	1
0	0	0	0	0	0	593.6249	0	821.2719	1
0	0	0	0	0	0	433.8858	0	404.6053	1
0	0	0	0	0	0	233.1327	0	211.6228	0
0	0	0	0	0	0	436.0445	0	506.5789	1
0	0	0	0	0	0	238.5293	0	423.2456	0
0	0	0	0	0	0	154.3425	0	264.2544	0
0	0	0	0	0	0	713.4292	0	583.3333	0
0	0	0	0	0	0	516.9933	0	591.0088	1
0	0	0	0	0	0	496.4863	0	231.3596	1
0	0	0	0	0	0	333.5628	0	623.4799	1.24
0	0	0	0	0	0	663.602	0	1988.879	4.96
0	0	0	0	0	0	762.2614	0	912.873	3.72
0	0	0	0	0	0	660.0784	0	515.0972	3.72
0	0	0	0	0	0	158.5598	0	462.5819	2.48
0	0	0	0	0	0	824.5108	0	1546.409	2.48
0	0	0	0	0	0	543.8013	0	1137.46	3.72
0	0	0	0	0	0	203.1914	0	453.6431	0
0	0	0	0	0	0	1086.428	0	988.8526	2.48
0	0	0	0	0	0	1023.004	0	587.7248	6.2
0	0	0	0	0	0	453.4695	63.22921	1519.752	7.078947
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0	0	0	0	0	0	909.6223	78.40422	1263.889	8.494737
0	0	0	0	0	0	744.6023	84.72714	1483.751	2.831579
0	0	0	0	0	0	1329.551	111.2834	1551.896	8.494737
0	0	0	0	0	0	1194.047	130.2522	497.5838	11.32632
0	0	0	0	0	0	1557.628	97.37298	1647.041	14.15789
0	0	0	0	0	0	1467.739	150.4855	1499.18	14.15789
0	0	0	0	0	0	1271.861	106.2251	1109.599	9.910526
0	0	0	0	0	0	994.8785	11.38126	984.8519	2.96681
0	0	0	0	0	0	1588.485	126.4584	1869.475	5.663158
0	0	0	0	0	0	1164.977	3.793752	1374.138	15.5102
0	0	0	0	0	0	1456.34	0	0	109.679
0	0	0	0	0	0	886.8147	103.6959	1528.752	11.32632
0	0	0	0	0	0	1100.133	98.63756	1380.892	5.663158
0	0	0	0	0	0	1027.685	115.0772	924.4516	14.15789
0	0	0	0	0	0	1073.254	0	1373.118	6.204082
0	0	0	0	0	0	661.4215	69.55213	1095.456	5.663158
0	0	0	0	0	0	1597.876	122.6647	1270.317	2.831579
0	0	0	0	0	0	532.6255	63.22921	1116.028	4.247368
0	0	0	0	0	0	456.1528	60.70004	1184.172	1.415789
0	0	0	0	0	0	838.1156	60.70004	1167.458	23.31265
0	0	0	0	0	0	888.1065	0	1116.03	6.204082
0	0	0	0	0	0	2041.14	0	1466.739	23.26531

0	0	0	0	0	0	865.3487	48.0542	473.1547	1.415789
0	0	0	0	0	0	464.2025	65.75837	941.1663	4.247368
0	0	0	0	0	0	1401.51	0	0	117.2431
0	0	0	0	0	0	1420.233	0	0	80.6834
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0	0	0	0	0	0	193.1941	36.67294	270.0067	2.831579
0	0	0	0	0	0	1037.077	67.02296	1074.884	2.831579
0	0	0	0	0	0	1100.133	74.61046	1080.027	5.663158
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0	0	0	0	0	0	739.2358	53.11253	885.8792	7.078947
0	0	0	0	0	0	1179.289	58.17087	659.5879	5.663158
0	0	0	0	0	0	2120.988	0	0	147.4993
0	0	0	0	0	0	1645.867	26.55627	145.2893	162.1424
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0	0	0	0	0	0	834.4913	55.6417	703.3033	0
0	0	0	0	0	0	871.5486	0	1656.955	20.16327
0	0	0	0	0	0	779.7274	0	1542.528	13.95918
0	0	0	0	0	0	948.3172	0	1069.962	7.755102
0	0	0	0	0	0	1313.452	139.1043	765.0191	9.910526
0	0	0	0	0	0	1521.404	153.0147	889.7365	8.494737
0	0	0	0	0	0	289.0109	0	441.3592	6.204082
0	0	0	0	0	0	1022.075	0	1588.596	9.306122
0	0	0	0	0	0	800.9506	74.61046	723.8752	15.57368
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0	0	0	0	0	0	1065.728	0	1533.612	4.653061
0	0	0	0	0	0	1487.863	106.2251	599.1578	14.15789
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0	0	0	0	0	0	1016.054	0	1619.803	7.755102
0	0	0	0	0	0	1012.928	61.96462	857.5928	1.415789
0	0	0	0	0	0	1036.422	0	0	142.4566
0	0	0	0	0	0	1353.367	0	0	182.7983
0	0	0	0	0	0	990.9533	0	0	181.5376
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0	0	0	0	0	0	892.1812	59.43545	551.5852	1.415789
0	0	0	0	0	0	822.4166	87.2563	1198.316	7.078947
0	0	0	0	0	0	647.2641	0	1058.073	7.755102
0	0	0	0	0	0	1051.835	77.13963	965.5955	8.494737
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0	0	0	0	0	0	1394.824	0	0	308.8661
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0	0	0	0	0	0	1527.218	0	0	85.72611
0	0	0	0	0	0	2125	0	0	211.7939
0	0	0	0	0	0	1289.175	0	0	68.07662

0	0	0	0	0	0	1434.943	0	0	81.94408
0	0	0	0	0	0	1441.63	0	0	142.4566
0	0	0	0	0	0	1525.881	0	0	113.461
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0	0	0	0	0	0	1787.995	0	0	165.1488
0	0	0	0	0	0	1646.24	0	0	492.9251
0	0	0	0	0	0	1202.25	0	0	64.29458
0	0	0	0	0	0	1521.869	0	0	263.4817
0	0	0	0	0	0	1691.708	0	0	112.2004
0	0	0	0	0	0	1108.637	0	0	64.29458
0	0	0	0	0	0	1650.251	0	0	71.85865
0	0	0	0	0	0	961.5323	0	0	100.8542
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0	0	0	0	0	0	1722.467	0	0	103.3756
0	0	0	0	0	0	1734.503	0	0	92.0295
0	0	0	0	0	0	1479.075	0	0	75.64069
0	0	0	0	0	0	1826.778	0	0	98.33289
0	0	0	0	0	0	1369.415	0	0	165.1488
0	0	0	0	0	0	181.3581	13.97688	422.0809	2.111111
0	0	0	0	0	0	681.9932	56.98266	1102.338	2.111111
0	0	0	0	0	0	262.8063	26.87861	740.2485	0
0	0	0	0	0	0	248.6886	30.10405	803.4535	1.055556
0	0	0	0	0	0	74.93237	5.375723	176.7598	0
0	0	0	0	0	0	524.5266	53.75723	1152.688	4.222222
0	0	0	0	0	0	423.5308	26.87861	1188.04	1.055556
0	0	0	0	0	0	66.24456	6.450867	297.8134	0
0	0	0	0	0	0	207.4215	22.57803	704.8966	1.055556
0	0	0	0	0	0	576.6535	59.13295	1492.281	2.111111
0	0	0	0	0	0	139.005	4.300578	590.2705	0
0	0	0	0	0	0	755.8396	65.58382	1550.13	5.277778
0	0	0	0	0	0	428.6653	0	529.166	2.285714
0	0	0	0	0	0	293.6713	0	628.585	10.28571
0	0	0	0	0	0	413.2713	0	430.8159	2.285714
0	0	0	0	0	0	328.0119	0	448.9893	0
0	0	0	0	0	0	94.73267	0	296.1191	1.142857
0	0	0	0	0	0	235.6475	0	268.3246	0
0	0	0	0	0	0	351.7425	29.90769	393.7022	0
0	0	0	0	0	0	138.0672	8.861538	577.645	1
0	0	0	0	0	0	129.301	9.969231	475.4545	0
0	0	0	0	0	0	140.2587	11.07692	590.5533	1
0	0	0	0	0	0	121.6306	12.18462	577.645	1
0	0	0	0	0	0	123.7295	21.12159	485.8227	0
0	0	0	0	0	0	113.6974	22.23325	441.657	1.142857
0	0	0	0	0	0	348.895	56.69479	1104.142	1.142857
0	0	0	0	0	0	422.4639	42.24318	706.6512	2.285714

0	0	0	0	0	0	683.2991	76.70471	1592.12	3.428571
0	0	0	0	0	0	558.4549	61.14144	1614.741	2.285714
0	0	0	0	0	0	152.7112	34.46154	604.316	1.142857
0	0	0	0	0	0	282.0141	41.13151	853.152	1.142857
0	0	0	0	0	0	481.7358	0	1068.256	5.60241
0	0	0	0	0	0	396.1939	0	678.5919	3.361446
0	0	0	0	0	0	641.564	0	1706.996	4.481928
0	0	0	0	0	0	630.9091	72.25806	1117.069	3.428571
0	0	0	0	0	0	667.4517	0	1888.545	4.481928
0	0	0	0	0	0	355.6741	0	544.6447	0
0	0	0	0	0	0	153.8259	20.00993	367.3293	0
0	0	0	0	0	0	632.5596	0	1840.943	3.361446
0	0	0	0	0	0	496.3679	0	905.5272	7.843373
0	0	0	0	0	0	807.02	0	1610.687	20.16867
0	0	0	0	0	0	900.4407	0	1806.626	3.361446
0	0	0	0	0	0	477.2336	0	733.942	1.120482
0	0	0	0	0	0	119.3084	0	411.8046	1.120482
0	0	0	0	0	0	433.3371	0	1145.747	4.481928
0	0	0	0	0	0	549.2688	0	1316.225	4.481928
0	0	0	0	0	0	761.9979	0	2128.764	1.120482
0	0	0	0	0	0	491.8657	0	1549.802	4.481928
0	0	0	0	0	0	399.5706	0	933.2023	2.240964
0	0	0	0	0	0	400.6961	0	794.8271	2.240964
0	0	0	0	0	0	471.6058	0	1054.972	2.240964
0	0	0	0	0	0	596.542	0	813.6461	6.722892
0	0	0	0	0	0	299.3965	0	819.1811	1.120482
0	0	0	0	0	0	449.0948	0	764.938	2.240964
0	0	0	0	0	0	664.075	0	1491.131	6.722892
0	0	0	0	0	0	355.9163	0	561.987	5.555556
0	0	0	0	0	0	201.9462	0	486.0428	2.222222
0	0	0	0	0	0	274.4683	0	92.21795	1.111111
0	0	0	0	0	0	120.4983	0	296.1824	1.111111
0	0	0	0	0	0	219.7978	0	433.9668	2.222222
0	0	0	0	0	0	389.388	0	806.0934	0
0	0	0	0	0	0	159.5487	0	192.0303	0
0	0	0	0	0	0	191.9047	0	420.9478	1.111111
0	0	0	0	0	0	178.516	0	505.5713	1.111111
0	0	0	0	0	0	81.44792	0	244.1063	0
0	0	0	0	0	0	168.4745	0	522.93	0
0	0	0	0	0	0	207.5248	0	771.376	0
0	0	0	0	0	0	69.17495	0	286.4181	0
0	0	0	0	0	0	54.67052	0	317.8807	0
0	0	0	0	0	0	234.3022	0	414.4383	1.111111
0	0	0	0	0	0	147.2757	0	298.3522	2.222222
0	0	0	0	0	0	223.145	0	542.4585	2.222222
0	0	0	0	0	0	514.3224	0	1319.103	5.730337
0	0	0	0	0	0	277.5359	0	721.9343	3.438202

0	0	0	0	0	0	159.6932	0	862.6955	3.438202
0	0	0	0	0	0	56.16797	0	304.9826	0
0	0	0	0	0	0	144.2746	0	679.2794	2.292135
0	0	0	0	0	0	166.3012	0	565.1776	1.146067
0	0	0	0	0	0	181.7199	0	662.2175	9.168539
0	0	0	0	0	0	131.0586	0	464.9385	2.292135
0	0	0	0	0	0	262.1172	0	911.7487	1.146067
0	0	0	0	0	0	599.125	0	1223.13	4.58427
0	0	0	0	0	0	263.2185	0	560.9121	3.438202
0	0	0	0	0	0	323.7918	0	976.7974	5.730337
0	0	0	0	0	0	546.261	0	1107.961	9.168539
0	0	0	0	0	0	227.9759	0	661.1511	3.438202
0	0	0	0	0	0	353.5278	0	1059.974	5.730337
0	0	0	0	0	0	186.1252	0	549.182	4.58427
0	0	0	0	0	0	313.8798	0	981.0629	0
0	0	0	0	0	0	636.5703	0	1002.39	4.58427
0	0	0	0	0	0	121.1466	0	339.1065	3.438202
0	0	0	0	0	0	725.7783	0	1258.32	6.876404
0	0	0	0	0	0	909.7008	0	1618.754	8.022472
0	0	0	0	0	0	294.0558	0	1003.457	1.146067
0	0	0	0	0	0	63.8773	0	152.4913	1.146067
0	0	0	0	0	0	392.0745	0	960.8018	1.146067
0	0	0	0	0	0	255.5092	0	1304.174	1.146067
0	0	0	0	0	0	364.5411	0	1019.452	2.292135
0	0	0	0	0	0	322.6905	0	1619.82	1.146067
0	0	0	0	0	0	442.7358	0	1291.377	2.292135
0	0	0	0	0	0	183.9226	0	709.1379	2.292135
0	0	0	0	0	0	579.301	0	955.47	1.146067
0	0	0	0	0	0	173.4672	20.53462	660.8239	0
0	0	0	0	0	0	165.5308	16.21154	522.9699	3.142857
0	0	0	0	0	0	136.0527	9.726923	362.1402	0
0	0	0	0	0	0	359.406	38.90769	1031.717	1.571429
0	0	0	0	0	0	91.8356	6.484615	203.4987	0
0	0	0	0	0	0	69.16014	5.403846	184.8994	0
0	0	0	0	0	0	91.8356	6.484615	286.6488	0
0	0	0	0	0	0	208.6142	24.85769	614.8726	0
0	0	0	0	0	0	151.9256	16.21154	338.0705	0
0	0	0	0	0	0	47.61846	2.161538	82.05595	0
0	0	0	0	0	0	244.8949	22.69615	1040.469	3.142857
0	0	0	0	0	0	142.8554	17.29231	388.3981	1.571429
0	0	0	0	0	0	546.4785	43.23077	1284.449	1.571429
0	0	0	0	0	0	223.3532	19.45385	775.7022	0
0	0	0	0	0	0	270.9717	31.34231	945.2845	0
0	0	0	0	0	0	172.7877	14.25503	546.322	2.153846
0	0	0	0	0	0	190.3966	8.315436	723.2684	0
0	0	0	0	0	0	103.4525	8.315436	456.7429	0
0	0	0	0	0	0	158.4804	11.87919	750.9162	4.307692

0	0	0	0	0	0	39.62011	8.315436	184.6878	0
0	0	0	0	0	0	128.7654	4.751678	500.9795	0
0	0	0	0	0	0	94.64804	7.127517	404.7649	0
0	0	0	0	0	0	127.6648	7.127517	346.1514	1.076923
0	0	0	0	0	0	40.72067	3.563758	103.956	0
0	0	0	0	0	0	368.6872	45.14094	1287.285	1.076923
0	0	0	0	0	0	163.9832	5.939597	201.2765	0
0	0	0	0	0	0	117.7598	4.751678	300.8089	0
0	0	0	0	0	0	46.22346	7.127517	202.3824	0
0	0	0	0	0	0	94.64804	13.06711	455.6369	1.076923
0	0	0	0	0	0	72.63687	3.563758	320.7153	1.076923
0	0	0	0	0	0	195.8994	17.81879	655.8075	3.230769
0	0	0	0	0	0	50.6257	5.939597	149.2985	0
0	0	0	0	0	0	252.7032	0	665.3386	3.413793
0	0	0	0	0	0	588.1298	0	1735.29	0
0	0	0	0	0	0	356.9574	0	1333.923	3.413793
0	0	0	0	0	0	372.8222	0	1072.115	45.51724
0	0	0	0	0	0	330.8938	0	1181.382	2.275862
0	0	0	0	0	0	267.4348	0	1212.755	0
0	0	0	0	0	0	181.3117	0	629.6375	2.275862
0	0	0	0	0	0	917.8905	0	2092.3	7.965517
0	0	0	0	0	0	38.52874	0	89.79366	0
0	0	0	0	0	0	495.2076	0	1594.649	0
0	0	0	0	0	0	303.6971	0	1117.552	1.137931
0	0	0	0	0	0	922.4233	0	2118.265	0
0	0	0	0	0	0	495.3931	44.76761	1095.711	0
0	0	0	0	0	0	240.0918	35.58451	929.9193	1.272727
0	0	0	0	0	0	172.7358	9.183099	317.7667	1.272727
0	0	0	0	0	0	302.016	43.61972	1183.92	1.272727
0	0	0	0	0	0	68.44247	9.183099	337.9592	0
0	0	0	0	0	0	283.5474	28.69718	802.3875	3.818182
0	0	0	0	0	0	192.2907	21.80986	376.2188	0
0	0	0	0	0	0	227.0552	24.10563	874.6555	0
0	0	0	0	0	0	248.7829	19.51408	527.1314	3.818182
0	0	0	0	0	0	277.029	34.43662	813.0151	0
0	0	0	0	0	0	123.8483	5.739437	447.424	0
0	0	0	0	0	0	183.5996	30.99296	969.2416	2.545455
0	0	0	0	0	0	164.0446	16.07042	517.5665	0
0	0	0	0	0	0	14.12305	2.295775	86.08395	0
0	0	0	0	0	0	99.44437	0	501.312	0
0	0	0	0	0	0	350.2171	0	471.4466	0
0	0	0	0	0	0	464.7943	0	343.452	0
0	0	0	0	0	0	117.82	0	133.3276	0
0	0	0	0	0	0	286.443	0	328.5193	0
0	0	0	0	0	0	237.8018	0	340.2522	0
0	0	0	0	0	0	256.1773	0	216.5241	0
0	0	0	0	0	0	285.3621	0	687.9707	0

0	0	0	0	0	0	188.0796	0	248.5227	0
0	0	0	0	0	0	355.6217	0	540.7769	0
0	0	0	0	0	0	67.01686	0	291.1876	0
0	0	0	0	0	0	268.0674	0	166.3929	0
0	0	0	0	0	0	229.1544	0	421.3154	0
0	0	0	0	0	0	436.3149	0	1331.521	6.018519
0	0	0	0	0	0	548.3739	0	1357.831	6.018519
0	0	0	0	0	0	889.3419	1.174603	1537.704	10.83333
0	0	0	0	0	0	802.182	86.92063	1468.105	5.961538
0	0	0	0	0	0	855.9401	0	1341.816	1.203704
0	0	0	0	0	0	685.4674	0	1399.012	4.814815
0	0	0	0	0	0	522.1473	0	1408.164	6.018519
0	0	0	0	0	0	1250.531	0	1567.168	12.03704
0	0	0	0	0	0	1032.373	0	1531.707	7.222222
0	0	0	0	0	0	1227.881	0	1543.146	10.83333
0	0	0	0	0	0	1059.792	0	1930.934	7.222222
0	0	0	0	0	0	1120.906	81.04762	1529.372	4.769231
0	0	0	0	0	0	1192.223	57.55556	1378.606	5.98433
0	0	0	0	0	0	1381.138	109.2381	1809.121	7.153846
0	0	0	0	0	0	439.8912	0	1155.358	2.407407
0	0	0	0	0	0	343.3297	0	1092.442	3.611111
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0	0	0	0	0	0	785.6052	0	1480.231	3.611111
0	0	0	0	0	0	625.8615	0	1684.992	1.203704
0	0	0	0	0	0	1208.807	0	1514.548	15.64815
0	0	0	0	0	0	1643.93	0	1894.329	8.425926
0	0	0	0	0	0	755.8023	0	1042.11	2.407407
0	0	0	0	0	0	954.9785	74	1152.52	2.384615
0	0	0	0	0	0	1064.172	65.77778	1403.196	5.995726
0	0	0	0	0	0	696.4181	19.96825	691.7019	7.188034
0	0	0	0	0	0	1320.196	22.31746	1698.636	8.41453
0	0	0	0	0	0	1013.343	134.1783	2689.634	5.78125
0	0	0	0	0	0	730.1327	48.58178	1045.717	1.15625
0	0	0	0	0	0	809.0014	65.93242	1471.708	5.78125
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0	0	0	0	0	0	797.0516	77.49951	1316.493	5.78125
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0	0	0	0	0	0	503.0865	84.43976	1504.564	4.625
0	0	0	0	0	0	886.6751	62.46229	1803.664	5.78125
0	0	0	0	0	0	1110.136	84.43976	691.1024	5.78125
0	0	0	0	0	0	1432.781	126.0813	1364.077	5.78125
0	0	0	0	0	0	544.9108	61.30558	1009.463	2.3125
0	0	0	0	0	0	553.2757	61.30558	557.4137	3.46875
0	0	0	0	0	0	512.6464	45.11166	329.6898	2.3125
0	0	0	0	0	0	1736.306	135.335	1285.904	5.78125
0	0	0	0	0	0	917.7445	109.8874	1794.6	4.625
0	0	0	0	0	0	683.5285	91.38002	1222.458	4.625

0	0	0	0	0	0	1036.048	113.3575	2106.163	3.46875
0	0	0	0	0	0	836.4859	54.36533	1273.441	4.625
0	0	0	0	0	0	850.8257	101.7904	1290.435	3.46875
0	0	0	0	0	0	1026.488	67.08913	879.1728	2.3125
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0	0	0	0	0	0	996.6132	104.1038	1519.292	2.3125
0	0	0	0	0	0	751.6423	78.65622	1885.237	3.46875
0	0	0	0	0	0	822.1462	68.24584	544.9512	1.15625
0	0	0	0	0	0	1160.325	84.43976	1659.779	5.78125
0	0	0	0	0	0	1236.804	115.6709	1105.764	6.9375
0	0	0	0	0	0	1320.453	111.0441	1894.3	2.3125
0	0	0	0	0	0	357.5484	0	523.1599	2
0	0	0	0	0	0	552.7742	0	314.3055	1
0	0	0	0	0	0	227.0323	0	223.1876	0
0	0	0	0	0	0	239.0968	0	177.1168	0
0	0	0	0	0	0	501.2258	0	346.0432	2
0	0	0	0	0	0	280.7742	0	260.0443	0
0	0	0	0	0	0	51.54839	0	6.142778	0
0	0	0	0	0	0	575.2677	0	187.4799	0
0	0	0	0	0	0	412.7627	0	176.7668	0
0	0	0	0	0	0	86.66933	0	67.49276	0
0	0	0	0	0	0	227.507	0	378.1737	2
0	0	0	0	0	0	30.33426	0	159.6257	0
0	0	0	0	0	0	443.0969	0	251.7587	3
0	0	0	0	0	0	84.50259	0	13.92708	0
0	0	0	0	0	0	346.6773	0	197.1217	0
0	0	0	0	0	0	170.0886	0	87.84772	0
0	0	0	0	0	0	209.0897	0	313.8949	0
0	0	0	0	0	0	130.004	0	163.911	0
0	0	0	0	0	0	65.84806	10.72052	293.7741	0
0	0	0	0	0	0	101.5623	6.432314	355.1597	0
0	0	0	0	0	0	82.58909	8.576419	188.5416	0
0	0	0	0	0	0	74.77661	12.86463	407.776	1.08
0	0	0	0	0	0	74.77661	5.360262	152.3679	0
0	0	0	0	0	0	22.32137	3.216157	75.63586	0
0	0	0	0	0	0	39.06241	8.576419	138.1177	0
0	0	0	0	0	0	101.5623	8.576419	361.7367	0
0	0	0	0	0	0	90.40157	12.86463	345.2942	0
0	0	0	0	0	0	40.17847	3.216157	160.0411	0
0	0	0	0	0	0	25.66958	1.072052	101.944	0
0	0	0	0	0	0	91.51764	11.79258	415.4492	0
0	0	0	0	0	0	44.64275	4.28821	122.7713	0
0	0	0	0	0	0	683.0341	115.7817	1706.74	3.24
0	0	0	0	0	0	121.6515	11.79258	413.2568	0
0	0	0	0	0	0	335.9367	35.37773	1668.374	12.96
0	0	0	0	0	0	88.16943	6.432314	309.1205	0
0	0	0	0	0	0	145.0889	18.22489	724.5697	0

0	0	0	0	0	0	120.5354	13.93668	525.0664	1.08
0	0	0	0	0	0	481.0256	60.03493	1780.183	4.32
0	0	0	0	0	0	56.91951	5.360262	195.1186	0
0	0	0	0	0	0	158.4818	19.29694	621.5295	0
0	0	0	0	0	0	188.6156	34.30568	1095.076	1.08
0	0	0	0	0	0	467.6328	72.89956	1816.357	3.24
0	0	0	0	0	0	378.9182	0	728.7033	5.849057
0	0	0	0	0	0	543.9126	0	1673.077	8.188679
0	0	0	0	0	0	570.0841	0	1332.144	12.86792
0	0	0	0	0	0	567.8083	0	1204.702	5.849057
0	0	0	0	0	0	549.602	0	987.943	3.509434
0	0	0	0	0	0	421.0202	0	1185.096	2.339623
0	0	0	0	0	0	612.1861	0	1933.406	9.358491
0	0	0	0	0	0	357.2982	0	832.1813	2.339623
0	0	0	0	0	0	723.6996	0	1327.787	5.849057
0	0	0	0	0	0	185.4765	0	553.3352	3.509434
0	0	0	0	0	0	164.9944	0	422.6261	2.339623
0	0	0	0	0	0	693.9579	71.1123	1543.733	3.441176
0	0	0	0	0	0	424.4709	25.64706	788.4064	0
0	0	0	0	0	0	138.7916	24.48128	552.4358	0
0	0	0	0	0	0	272.9568	24.48128	961.5251	3.441176
0	0	0	0	0	0	86.74474	15.15508	366.0852	0
0	0	0	0	0	0	292.6189	16.32086	833.6158	2.294118
0	0	0	0	0	0	464.9518	59.45455	1487.497	2.294118
0	0	0	0	0	0	592.1774	33.80749	1250.424	6.882353
0	0	0	0	0	0	371.2675	44.29947	1099.358	2.294118
0	0	0	0	0	0	458.0122	61.7861	1281.298	3.441176
0	0	0	0	0	0	442.9765	59.45455	1710.236	3.441176
0	0	0	0	0	0	315.7509	45.46524	712.3225	2.294118
0	0	0	0	0	0	33.5413	3.497326	149.9626	0
0	0	0	0	0	0	385.1467	37.30481	1402.592	2.294118
0	0	0	0	0	0	68.2392	10.49198	295.5146	1.147059
0	0	0	0	0	0	256.7644	32.64171	1056.354	1.147059
0	0	0	0	0	0	226.6929	27.97861	1198.598	2.294118
0	0	0	0	0	0	152.6707	24.48128	560.1545	0
0	0	0	0	0	0	371.2675	36.13904	1276.888	2.294118
0	0	0	0	0	0	505.0937	21.47826	478.8052	1
0	0	0	0	0	0	271.254	13.56522	346.2482	1
0	0	0	0	0	0	443.1262	14.69565	673.0698	2
0	0	0	0	0	0	160.1802	20.34783	451.3796	1
0	0	0	0	0	0	288.792	18.08696	597.6495	2
0	0	0	0	0	0	247.87	14.69565	425.0967	0
0	0	0	0	0	0	367.1283	50.86957	1259.292	4
0	0	0	0	0	0	487.5557	54.26087	1036.459	3
0	0	0	0	0	0	361.7144	19.93548	571.0497	0
0	0	0	0	0	0	140.9133	16.6129	485.8835	1
0	0	0	0	0	0	110.9553	4.430108	492.4348	0

0	0	0	0	0	0	321.7705	39.87097	1315.707	0
0	0	0	0	0	0	179.7476	16.6129	625.6433	1
0	0	0	0	0	0	605.8161	36.54839	1635.626	6
0	0	0	0	0	0	69.90186	11.07527	345.0319	2
0	0	0	0	0	0	479.327	55.37634	1263.297	5
0	0	0	0	0	0	367.2621	35.44086	1436.905	0
0	0	0	0	0	0	271.8406	35.44086	1132.272	2
0	0	0	0	0	0	326.2087	23.25806	1314.615	3
0	0	0	0	0	0	167.5425	14.39785	398.5337	1
0	0	0	0	0	0	58.16826	10.99206	463.6054	1.052632
0	0	0	0	0	0	314.9866	47.26587	1305.751	0
0	0	0	0	0	0	645.3384	48.36508	1358.917	4.210526
0	0	0	0	0	0	612.413	47.26587	1440.792	3.157895
0	0	0	0	0	0	226.088	23.08333	920.8309	1.052632
0	0	0	0	0	0	256.8184	21.98413	823.0059	3.157895
0	0	0	0	0	0	172.3098	15.38889	615.6595	0
0	0	0	0	0	0	198.6501	14.28968	938.9073	5.263158
0	0	0	0	0	0	91.09369	5.496032	449.7823	0
0	0	0	0	0	0	170.1147	25.28175	683.7116	1.052632
0	0	0	0	0	0	124.0191	17.5873	538.0375	1.052632
0	0	847.2645	47.71233	876.8749	3.333333	738.854	0	1058.444	1.19403
0	0	0	0	0	0	820.5653	0	1475.641	7.164179
0	0	1477.735	114.2877	924.1251	6.666667	1555.967	0	1290.22	13.13433
0	0	0	0	0	0	1123.242	0	2188.628	13.13433
1011.069	3.5	0	0	0	0	606.5048	0	1078.31	5.970149
0	0	0	0	0	0	554.716	0	2499.87	3.58209
0	0	0	0	0	0	642.1815	0	1556.21	4.776119
768.2356	5.833333	0	0	0	0	980.5353	0	1403.9	5.970149
1368.696	4.666667	0	0	0	0	653.6902	0	2144.48	4.776119
0	0	0	0	0	0	664.0479	0	2308.931	10.74627
0	0	0	0	0	0	463.7978	0	1049.614	0
0	0	0	0	0	0	879.2593	0	2237.19	3.58209
0	0	0	0	0	0	1118.639	0	2049.562	5.970149
0	0	0	0	0	0	1250.609	39.76676	564.3896	5.204301
0	0	0	0	0	0	1155.153	38.48397	693.4302	10.4086
0	0	0	0	0	0	1922.95	62.85714	870.6981	10.4086
0	0	0	0	0	0	1628.282	74.40233	568.2999	13.01075
0	0	0	0	0	0	2144.296	107.7551	864.1809	6.505376
0	0	0	0	0	0	2852.606	153.9359	783.3676	13.01075
0	0	0	0	0	0	3085.02	133.4111	920.2288	5.204301
0	0	0	0	0	0	2776.518	118.0175	844.6293	18.21505
0	0	0	0	0	0	1282.428	71.83673	656.9339	1.301075
0	0	0	0	0	0	1839.945	89.79592	566.9965	11.70968
0	0	0	0	0	0	1715.437	48.74636	556.569	7.806452
0	0	0	0	0	0	1577.095	34.63557	779.4573	5.204301
0	0	0	0	0	0	1911.882	82.09913	564.3896	13.01075
0	0	0	0	0	0	1554.961	52.59475	686.913	5.204301

0	0	0	0	0	0	1993.504	67.98834	933.2632	9.107527
0	0	0	0	0	0	1597.847	85.94752	589.155	5.204301
0	0	0	0	0	0	2000.421	110.3207	830.2914	6.505376
0	0	0	0	0	0	2131.846	161.6327	685.6096	14.31183
0	0	0	0	0	0	2378.094	103.9067	636.0788	9.107527
0	0	0	0	0	0	987.7597	61.57434	454.9006	3.903226
0	0	0	0	0	0	1740.339	97.49271	457.5075	10.4086
0	0	0	0	0	0	2017.022	126.9971	428.8318	5.204301
0	0	0	0	0	0	2826.321	183.4402	664.7545	20.8172
0	0	0	0	0	0	2318.607	130.8455	512.252	14.31183
0	0	0	0	0	0	2441.731	166.7638	439.2594	10.4086
0	0	0	0	0	0	1756.94	100.0583	474.4523	2.602151
0	0	0	0	0	0	1769.39	134.6939	894.16	3.903226
0	0	0	0	0	0	391.263	43.72105	813.3465	2.266667
0	0	0	0	0	0	523.2139	48.20526	1099.297	7.933333
0	0	0	0	0	0	415.3584	54.93158	679.8286	1.133333
0	0	0	0	0	0	655.1647	66.14211	2069.527	5.666667
0	0	0	0	0	0	322	0	951	0
0	0	0	0	0	0	298	0	768	0
0	0	0	0	0	0	2280.32	0	573.86	10.84091
0	0	0	0	0	0	2305.158	0	516.474	6.022727
0	0	0	0	0	0	2053.234	0	342.0656	7.227273
0	0	0	0	0	0	2320.533	0	742.6423	10.84091
0	0	0	0	0	0	1981.087	0	339.8151	6.022727
0	0	0	0	0	0	2176.239	0	711.1363	3.613636
0	0	0	0	0	0	1433.479	0	333.0638	3.613636
0	0	0	0	0	0	1379.073	0	499.5958	3.613636
0	0	0	0	0	0	1474.875	0	506.3471	1.204545
0	0	0	0	0	0	601.9359	0	1406.363	9.339901
0	0	0	0	0	0	352.0525	0	1542.536	8.172414
0	29.69626	2177.222	0	0	26.74505	2106.843	0	158.0406	3.432203
0	0	0	0	0	0	490.3155	0	1000.187	1.144068
0	38.49515	1651.726	0	0	36.77444	1550.142	0	216.6151	3.432203
0	0	0	0	0	0	1573.158	0	1755.379	12.84236
0	0	0	0	0	0	770.5764	0	1413.229	3.502463
0	84.68932	1645.938	0	0	78.00639	1120.388	0	890.7741	3.432203
0	0	0	0	0	0	993.3788	0	2229.125	16.34483
0	51.69348	768.5676	0	0	52.37572	498.468	0	469.701	3.432203
0	0	1200.308	0	0	92.49329	743.0434	0	897.4052	4.576271
0	39.59501	1459.584	0	0	36.77444	1339.342	0	234.2979	5.720339
0	0	1199.151	0	0	111.4377	789.6292	0	905.1415	5.720339
0	0	0	0	0	0	172.3334	0	378.7682	2.334975
0	0	1392.45	0	0	86.92141	1098.26	0	663.1073	4.576271
0	0	0	0	0	0	473.9168	0	1638.659	5.837438
0	0	0	0	0	0	284.3501	0	1130.583	5.837438
0	51.69348	1237.348	0	0	60.17636	1012.076	0	484.0683	6.864407
0	0	0	0	0	0	392.6739	0	972.6676	9.339901

0	0	0	0	0	0	797.591	0	1298.445	12.81894
0	0	0	0	0	0	766.3363	0	1137.229	3.432203
0	73.69071	936.4024	0	0	76.89201	592.8042	0	700.6834	3.432203
0	0	0	0	0	0	950.2955	0	992.121	7.004926
0	70.39112	1432.962	0	0	65.74824	1074.967	0	680.7902	5.720339
0	52.79334	753.5204	0	0	53.4901	535.7366	0	444.2819	4.576271
0	29.69626	756.9928	0	0	33.43131	584.6517	0	282.9258	2.288136
0	0	0	0	0	0	902.5998	0	1326.215	10.29661
0	24.19695	0	0	0	0	59.08573	0	211.6982	3.502463
0	101.1872	1012.796	0	0	114.7808	538.0659	0	1007.923	6.864407
0	4.399445	944.5048	0	0	6.686262	914.2462	0	41.9968	3.432203
0	30.79612	1834.608	0	0	37.88882	1660.784	0	296.1879	6.864407
0	19.7975	2205.002	0	0	17.83003	2116.16	0	162.4613	9.152542
0	0	731.5282	0	0	75.77764	436.7418	0	623.3209	3.432203
0	0	0	0	0	0	566.2382	0	2119.271	10.50739
0	0	0	0	0	0	858.3433	0	390.1281	0
0	0	0	0	0	0	353.2834	0	709.4752	5.837438
0	0	0	0	0	0	508.3835	0	1056.203	7.004926
0	0	0	0	0	0	496.1387	0	1185.857	3.432203
0	0	0	0	0	0	232.6501	0	583.6006	3.502463
0	0	1657.513	0	0	112.5521	1227.536	0	1044.394	0
0	0	0	0	0	0	1366.357	0	1378.899	16.34483
0	0	1243.135	0	0	79.12077	963.1613	0	703.9989	4.576271
0	0	0	0	0	0	386.5191	0	1214.118	3.502463
0	0	0	0	0	0	690.6344	0	595.6914	5.720339
0	28.59639	534.7564	0	0	33.43131	412.3691	0	262.0481	5.837438
0	0	0	0	0	0	643.7882	0	1067.646	7.004926
0	0	0	0	0	0	242.4977	0	820.4737	2.334975
0	27.49653	1871.647	0	0	28.9738	1670.403	0	343.2944	12.84236
0	0	0	0	0	0	1326.967	0	1881.254	15.17734
0	0	1348.466	0	0	113.6665	987.224	0	936.0495	7.004926
0	0	0	0	0	0	497.3049	0	1812.595	5.837438
0	0	0	0	0	0	1010.612	0	900.5758	7.004926
0	0	909.7803	0	0	53.4901	669.6708	0	557.0101	3.432203
0	0	0	0	0	0	1242.676	0	562.536	3.432203
0	34.0957	988.4891	0	0	36.77444	872.319	0	257.5067	2.288136
0	0	1195.678	0	0	93.60767	927.0573	0	645.4244	5.720339
0	0	1360.041	0	0	95.83642	1037.699	0	737.1543	3.432203
0	0	623.8825	0	0	32.31693	493.612	0	274.6356	4.669951
0	0	0	0	0	0	547.7739	0	764.4023	5.837438
0	0	0	0	0	0	679.4859	0	1864.089	3.502463
0	0	0	0	0	0	413.6001	0	1285.066	5.837438
0	0	0	0	0	0	611.7835	0	1499.052	5.837438
0	0	0	0	0	0	276.9643	0	1051.625	5.837438
0	0	0	0	0	0	472.3311	0	767.1542	1.25
0	0	0	0	0	0	354.2483	0	1003.112	3.75
0	0	0	0	0	0	515.5892	0	1130.971	1.25

0	0	0	0	0	0	577.5534	0	1299.513	1.25
0	0	0	0	0	0	368.278	0	1505.25	2.5
0	0	0	0	0	0	124.7078	14.98611	213.1703	0
0	0	0	0	0	0	177.8442	17.29167	227.096	0
0	0	0	0	0	0	210.3766	14.98611	179.9628	1
0	0	0	0	0	0	173.5065	24.20833	363.1393	1
0	0	0	0	0	0	148.5649	11.52778	400.6316	0
0	0	0	0	0	0	407.5909	0	75.57509	1.083333
0	0	0	0	0	0	358.5909	0	233.4932	1.083333
0	0	0	0	0	0	789.5682	0	383.5154	0
0	0	0	0	0	0	1039.023	0	1028.724	1.083333
0	0	0	0	0	0	497.7955	0	87.98294	0
0	0	0	0	0	0	874.2045	0	190.6297	0
0	0	0	0	0	0	637	0	344.0358	0
0	0	0	0	0	0	457.7045	0	417.3549	1.083333
0	0	0	0	0	0	648.1364	0	547.0734	0
0	0	0	0	0	0	1064.636	0	602.3447	2.166667
0	0	0	0	0	0	1067.977	0	733.1911	3.25
0	0	0	0	0	0	945.4773	0	563.9932	1.083333
0	0	0	0	0	0	248.3409	0	14.66382	0
0	0	0	0	0	0	664.8409	0	739.959	1.083333
0	0	0	0	0	0	623.6364	0	979.0922	0
0	0	0	0	0	0	357.4773	0	990.372	1.083333
0	0	0	0	0	0	270	0	84	1
0	0	0	0	0	0	221	0	24	0
0	0	0	0	0	0	146	0	176	1
0	0	0	0	0	0	230	0	214	0
0	0	0	0	0	0	203	0	22	0
0	0	0	0	0	0	146	0	209	0
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0	0	0	0	0	0	1332.135	0	0	226.9094
0	0	0	0	0	0	1216.805	0	0	193.2932
0	0	0	0	0	0	1723.483	0	0	303.7464
0	0	0	0	0	0	1448.762	0	0	189.6914
0	0	0	0	0	0	1260.864	0	0	163.2787
0	0	0	0	0	0	1326.952	0	0	168.081
0	0	0	0	0	0	1955.132	138.459	588.6106	2.4
0	0	0	0	0	0	1583.641	84.68852	483.1295	4.8
0	0	0	0	0	0	2075.226	104.8525	617.2598	4.8
0	0	0	0	0	0	286.4902	0	523.5826	3
0	0	0	0	0	0	316.8755	0	395.7701	0
0	0	0	0	0	0	550.1913	0	56.05809	1.5
0	0	0	0	0	0	443.8427	0	51.57344	0
0	0	0	0	0	0	488.3355	0	21.30207	1.5
0	0	0	0	0	0	398.2647	0	302.7137	0
0	0	0	0	0	0	1434.656	111.2192	1289.944	6.947368
0	0	0	0	0	0	1454.23	105.3033	1153.98	8.105263

0	0	0	0	0	0	1268.853	98.2042	1137.985	5.789474
0	0	0	0	0	0	1111.11	37.86186	397.6091	1.157895
0	0	0	0	0	0	655.1518	41.41141	340.4814	0
0	0	0	0	0	0	311.2201	37.26027	666.0777	3
0	0	0	0	0	0	179.1195	18.63014	392.6114	0
0	0	0	0	0	0	221.6604	24.10959	474.3109	0
0	0	0	0	0	0	1404.033	0	212.39	5.339806
0	0	0	0	0	0	1849.102	0	110.0071	5.339806
0	0	0	0	0	0	1009.435	0	192.7848	2.135922
0	0	0	0	0	0	2341.202	0	398.6398	6.407767
0	0	0	0	0	0	1815.837	0	318.0405	4.271845
0	0	0	0	0	0	1394.856	0	687.2724	4.271845
0	0	0	0	0	0	1482.035	0	266.849	2.135922
0	0	0	0	0	0	2071.637	0	263.5815	5.339806
0	0	0	0	0	0	2064.754	0	130.7016	6.407767
0	0	0	0	0	0	269.6368	0	256.451	3.5625
0	0	0	0	0	0	463.4226	0	318.0405	4.271845
0	0	0	0	0	0	1967.252	0	587.0678	9.61165
0	0	0	0	0	0	672.1922	0	508.6469	5.339806
0	0	0	0	0	0	768.5474	0	202.5874	1.067961
0	0	0	0	0	0	1220.499	0	382.3021	6.407767
0	0	0	0	0	0	2133.579	0	212.39	2.135922
0	0	0	0	0	0	883.1747	0	1325.906	5.9375
0	0	0	0	0	0	981.4322	0	1121.837	3.5625
0	0	0	0	0	0	828.3333	0	750.8012	3.5625
0	0	233.2223	11.88	143.3427	0	1244.588	0	566.3734	0
0	0	0	0	0	0	918.5931	0	2099.624	4.75
0	0	1786.55	157.68	1173.89	25.65	1936.281	0	1183.938	6.407767
0	0	0	0	0	0	932.3034	0	965.7835	10.6875
0	0	0	0	0	0	2288.436	0	702.5209	5.339806
0	0	0	0	0	0	2181.757	0	752.6232	11.74757
0	0	0	0	0	0	1128.818	0	1741.684	5.9375
0	0	1504.228	100.44	843.7673	31.35	1625.42	0	863.7195	4.271845
0	0	0	0	0	0	531.0141	0	96.958	1.067961
0	0	0	0	0	0	994.5232	0	449.8312	10.67961
0	0	0	0	0	0	548.3069	0	508.6469	0
0	0	0	0	0	0	1550.824	0	955.3802	3.15
0	0	0	0	0	0	744.6117	0	377.5558	3.15
0	0	0	0	0	0	1356.296	0	1110.78	7.35
0	0	0	0	0	0	1251.466	0	1178.631	6.3
0	0	0	0	0	0	1161.767	0	1010.098	13.65
0	0	0	0	0	0	1220.126	0	951.0028	5.25
0	0	0	0	0	0	1384.394	0	1061.534	3.15
0	0	0	0	0	0	1265.516	0	812.0185	0
0	0	0	0	0	0	518.316	0	534.4325	2.222222
0	0	0	0	0	0	862.4081	0	165.707	0
0	0	0	0	0	0	443.1819	0	1041.43	2.222222

0	0	0	0	0	0	858.0525	0	897.671	0
0	0	0	0	0	0	473.6711	0	838.4116	2.222222
0	0	0	0	0	0	912.4975	0	190.9471	2.222222
0	0	0	0	0	0	659.8729	0	421.4006	1.111111
0	0	0	0	0	0	1389	0	1019	3
0	0	0	0	0	0	1178.761	0	1830.991	9.648649
0	0	0	0	0	0	894.1576	0	1816.052	11.79279
0	0	0	0	0	0	694.6078	0	1217.459	3.216216
0	0	0	0	0	0	505.9623	0	470.5518	4.288288
0	0	0	0	0	0	624.8199	0	606.0622	4.288288
0	0	0	0	0	0	1775.23	0	731.9694	8.576577
0	0	0	0	0	0	1425.2	0	520.7013	9.648649
0	0	0	0	0	0	546.3085	0	183.5259	0
0	0	0	0	0	0	332.583	0	338.2424	0
0	0	0	0	0	0	522.3189	0	602.8611	6.432432
0	0	0	0	0	0	185.3741	0	3032.445	13.93694
0	0	0	0	0	0	436.1744	0	901.6242	3.216216
0	0	0	0	0	0	393.6474	0	848.2736	7.504505
0	0	0	0	0	0	640.086	0	1982.506	7.504505
0	0	0	0	0	0	817.8271	0	2246.058	13.93694
0	0	0	0	0	0	420.9083	0	734.1035	2.144144
0	0	0	0	0	0	896.3385	0	1597.315	5.36036
0	0	0	0	0	0	912.695	0	1421.258	7.504505
0	0	0	0	0	0	1752.364	0	1808.079	15.23077
0	0	0	0	0	0	1379.072	0	1174.699	6.346154
0	0	0	0	0	0	1508.05	0	1277.807	8.884615
0	0	0	0	0	0	1612.224	0	1355.138	13.96154
0	0	0	0	0	0	1793.29	0	1102.277	21.57692
0	0	0	0	0	0	1089.463	0	654.2416	10.5
0	0	0	0	0	0	970.7719	0	707.8895	4.2
0	0	0	0	0	0	985.7646	0	673.8689	6.3
0	0	0	0	0	0	485.4121	37.03346	41.06946	1.083333
0	0	0	0	0	0	624.8858	62.0855	500.6035	1.083333
0	0	0	0	0	0	457.9567	52.28253	240.8669	2.166667
0	0	0	0	0	0	705.0557	67.5316	406.2547	5.416667
0	0	0	0	0	0	463.4478	53.37175	1091.116	3.25
0	0	0	0	0	0	282.2419	20.69517	21.08973	0
0	0	1835.699	136.5663	562.1734	13.08475	1952.932	0	594.8515	7.621302
0	0	1988.311	119.4955	503.0538	15.26554	2080.368	0	488.3591	5.443787
0	0	1508.674	106.6924	851.3219	9.813559	1592.407	0	882.0583	7.621302
525.8232	6.5625	1345.162	80.01931	397.7135	4.361582	1398.53	0	384.0181	6.532544
0	0	342.286	32.00772	237.5532	6.542373	350.7217	0	261.3905	1.088757
433.5359	2.1875	1995.941	118.4286	892.1681	9.813559	2053.138	0	882.0583	11.97633
1231.929	6.5625	1687.448	100.2909	953.4375	6.542373	1674.097	0	1000.383	7.621302
283.3007	3.28125	1385.495	60.81467	506.2786	5.451977	1421.403	0	475.4509	4.35503
590.2097	2.1875	824.1025	55.48005	496.6044	0	823.4336	0	503.4187	4.35503
714.6903	4.375	1700.529	97.09009	568.6228	2.180791	1714.397	0	598.0786	2.177515

171.6974	2.1875	345.5562	30.9408	146.1866	2.180791	364.8813	0	144.1412	2.177515
0	0	830.643	87.48777	879.2693	8.723164	888.7855	0	920.7828	4.35503
0	0	1322.27	140.834	1421.02	8.723164	1340.803	0	1511.332	5.443787
0	0	997.4257	128.0309	756.7306	8.723164	1049.987	0	832.577	7.621302
0	0	866.6158	83.22008	1293.106	7.632768	872.4475	0	1339.223	2.177515
0	0	511.2488	48.01158	708.36	6.542373	491.2282	0	777.7173	1.088757
0	0	840.4538	112.027	809.4007	4.361582	876.8043	0	876.6799	3.266272
0	0	1381.135	116.2947	1459.716	6.542373	1449.722	0	1507.029	7.621302
65.45962	1.09375	1103.164	101.3578	721.2588	5.451977	1243.864	0	800.3066	6.532544
0	0	473.0959	32.00772	664.2891	3.271186	436.7683	0	723.9332	3.266272
0	0	310.6736	43.74389	492.3048	0	322.4026	0	523.8566	3.266272
0	0	583.1943	53.3462	408.4625	5.451977	595.7912	0	445.3319	4.35503
0	0	595.1852	37.34234	647.0906	5.451977	569.6505	0	698.1169	3.266272
0	0	803.391	54.41313	986.7595	5.451977	848.4851	0	979.9453	3.266272
1458.355	6.5625	1679.817	104.5586	1256.56	6.542373	1641.421	0	1333.844	6.532544
0	0	1118.425	77.88546	544.975	7.632768	1771.036	0	750.8253	8.710059
0	0	0	0	0	0	1267.826	0	262.4661	3.266272
0	0	716.1844	45.87773	267.6504	3.271186	797.2928	0	253.8607	2.177515
0	0	0	0	0	0	697.0866	0	18.28657	1.088757
0	0	289.962	21.33848	72.01839	3.271186	418.252	0	88.20583	0
0	0	10.90083	1.066924	1.074901	0	290.8158	0	17.21089	1.088757
0	0	0	0	0	0	623.0212	0	17.21089	1.088757
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0	0	0	0	0	0	694.9082	0	21.51362	2.177515
0	0	0	0	0	0	929.0858	0	27.9677	2.177515
0	0	0	0	0	0	1402.887	0	424.8939	2.177515
0	0	0	0	0	0	245.0695	0	10.75681	0
0	0	0	0	0	0	1321.197	0	31.19475	1.088757
0	0	593.005	43.74389	365.4665	5.451977	628.4672	0	379.7153	3.266272
0	0	688.9323	86.42085	644.9408	2.180791	743.9221	0	662.6194	1.088757
0	0	0	0	0	0	1218.812	0	563.6568	9.798817
0	0	0	0	0	0	394.2896	0	9.681128	1.088757
0	0	0	0	0	0	746.1005	0	75.29766	0
0	0	0	0	0	0	1391.995	0	972.4155	8.710059
0	0	1344.072	130.1647	1283.432	13.08475	1585.872	0	1626.429	9.798817
0	0	0	0	0	0	1501.688	0	711.7802	5.436508
0	0	0	0	0	0	512.7553	0	585.8849	4.477612
0	0	0	0	0	0	604.8995	0	885.7388	3.358209
0	0	0	0	0	0	779.9338	0	148.0229	4.381308
0	0	0	0	0	0	1039.603	0	987.8168	6.716418
0	0	0	0	0	0	2143.611	0	1132.26	14.13492
0	0	198.3712	0	0	5.617048	624.2143	0	308.2994	1.087302
0	0	0	0	0	0	1891.293	0	313.7852	10.87302
0	0	0	0	0	0	376.2838	0	331.3396	0
0	0	0	0	0	0	1201.256	0	502.4951	5.436508
0	0	0	0	0	0	1444.798	0	776.7828	8.698413
0	0	0	0	0	0	1188.092	0	68.02336	6.52381

0	0	0	0	0	0	1522.688	0	607.8216	3.261905
0	0	1617.322	0	0	94.36641	1493.068	0	480.5521	6.52381
0	0	0	0	0	0	705.7161	0	769.8378	1.119403
0	0	0	0	0	0	784.8517	0	610.341	4.477612
0	0	1508.922	0	0	130.3155	1422.858	0	1042.293	4.349206
0	0	1467.73	0	0	30.33206	1437.119	0	186.5157	3.261905
0	0	937.6562	0	0	19.09796	864.4655	0	172.2527	3.261905
0	0	1919.756	0	0	19.09796	1976.861	0	72.41196	3.261905
0	0	829.2567	0	0	21.34478	820.584	0	137.1439	1.087302
0	0	1147.951	0	0	28.08524	1103.62	0	215.0416	2.174603
0	0	982.1001	0	0	20.22137	973.0722	0	100.9379	6.52381
0	0	2369.614	0	0	64.03435	2217.113	0	505.7866	5.436508
0	0	2151.731	0	0	20.22137	2208.336	0	117.3951	3.261905
0	0	2255.795	0	0	123.5751	1943.95	0	795.4344	6.52381
0	0	812.9967	0	0	5.617048	830.4574	0	25.23447	2.174603
0	0	1275.863	0	0	5.617048	1308.766	0	37.30313	1.087302
0	0	892.1284	0	0	3.370229	882.0181	0	39.49743	0
0	0	1246.595	0	0	10.11069	1295.601	0	51.56609	4.349206
0	0	1457.974	0	0	12.35751	1489.777	0	48.27464	1.087302
0	0	0	0	0	0	599.4792	0	576.3151	3.358209
0	0	1280.199	0	0	70.77481	1075.097	0	624.2789	4.349206
0	0	1031.964	0	0	53.92366	844.7188	0	467.3863	3.261905
0	0	523.5699	0	0	1.12341	533.1602	0	26.33162	2.174603
0	0	1338.735	0	0	31.45547	1314.251	0	164.5726	4.349206
0	0	1833.037	0	0	47.18321	1761.842	0	299.5222	5.436508
0	0	1610.818	0	0	6.740458	1648.847	0	48.27464	3.261905
0	0	1224.915	0	0	58.4173	1054.253	0	454.2205	1.087302
0	0	0	0	0	0	885.6682	0	1078.198	8.955224
0	0	0	0	0	0	973.4762	0	1082.452	10.07463
0	0	0	0	0	0	802.1964	0	756.0148	3.358209
0	0	0	0	0	0	496.4946	0	723.0521	2.238806
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0	0	0	0	0	0	682.951	0	1310	2.238806
0	0	0	0	0	0	791.3559	0	1029.286	5.597015
0	0	0	0	0	0	454.2166	0	616.7209	1.119403
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0	0	0	0	0	0	1359.683	0	204.4286	3.081081
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0	0	0	0	0	0	1942.405	0	504.4962	4.108108
0	0	0	0	0	0	1400.703	0	308.4361	18.48649
0	0	0	0	0	0	1584.085	0	153.0226	2.054054
0	0	0	0	0	0	1486.362	0	96.83459	1.027027
0	0	0	0	0	0	1756.609	0	194.8647	6.162162
0	0	0	0	0	0	376.3944	0	1800.827	6.6
0	0	0	0	0	0	447.8004	0	1991.688	9.9

0	0	0	0	0	0	424.8052	0	1907.485	5.5
0	0	0	0	0	0	925.8027	0	450.0946	4.164384
0	0	0	0	0	0	922.4239	0	39.65119	1.041096
0	0	0	0	0	0	711.8094	0	227.1906	1.041096
0	0	0	0	0	0	1142.049	0	228.2622	1.041096
0	0	0	0	0	0	510.2051	0	280.7733	2.082192
0	0	0	0	0	0	1018.158	0	56.79765	2.082192
0	0	0	0	0	0	805.2907	0	45.00946	1.041096
0	0	0	0	0	0	1110.513	0	57.8693	0
0	0	0	0	0	0	946.0757	0	355.789	3.123288
0	0	0	0	0	0	1056.451	0	428.6615	2.082192
0	0	0	0	0	0	452.7648	0	327.926	1.041096
0	0	0	0	0	0	788.3965	0	249.6953	3.123288
0	0	0	0	0	0	795.1541	0	28.93465	0
0	0	0	0	0	0	772.6285	0	491.8891	2.082192
0	0	0	0	0	0	566.5192	0	694.4316	2.082192
0	0	0	0	0	0	685.9049	0	359.004	0
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0	0	0	0	0	0	1301.98	0	35.36457	2.082192
0	0	0	0	0	0	1281.707	0	57.8693	0
0	0	0	0	0	0	1650.001	0	51.43938	2.082192
0	0	0	0	0	0	333.3791	0	590.4812	4.164384
0	0	0	0	0	0	467.4065	0	705.1482	2.082192
0	0	0	0	0	0	1273.823	0	666.5686	3.123288
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0	0	0	0	0	0	328.8739	0	636.5623	3.123288
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0	0	0	0	0	0	711.8094	0	872.3261	5.205479
0	0	0	0	0	0	1561.025	0	1228.115	3.123288
0	0	0	0	0	0	1513.721	0	675.1419	3.123288
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0	0	0	0	0	0	1745.735	0	634.419	4.164384
0	0	0	0	0	0	1317.755	123.3394	1130.511	7
0	0	0	0	0	0	689.6249	47.0362	860.8778	1
0	0	0	0	0	0	633.6204	60.62443	1092.611	2
0	0	0	0	0	0	1107.255	0	1022.728	6.325
0	0	0	0	0	0	437.7268	0	583.803	0
0	0	0	0	0	0	618.8551	0	907.8995	2.108333
0	0	0	0	0	0	775.1861	0	688.9734	2.108333
0	0	0	0	0	0	481.9307	0	1104.289	0
0	0	0	0	0	0	691.0908	0	647.1198	0
0	0	0	0	0	0	642.5743	0	490.4374	3.1625
0	0	0	0	0	0	1257.117	0	456.0961	6.325
0	0	0	0	0	0	1424.229	0	622.437	12.65
0	0	0	0	0	0	1524.497	0	612.7785	11.59583
0	0	0	0	0	0	1300.243	0	600.9737	5.270833
0	0	0	0	0	0	2321.246	0	433.5596	8.433333

0	0	0	0	0	0	1345.525	0	576.2908	11.59583
0	0	0	0	0	0	1458.73	0	566.6323	2.108333
0	0	0	0	0	0	2225.291	0	378.828	10.54167
0	0	0	0	0	0	875.4536	0	77.26804	3.1625
0	0	0	0	0	0	885.1569	0	150.2434	2.108333
0	0	0	0	0	0	773.0298	0	95.51188	0
0	0	0	0	0	0	1137.443	0	78.34121	1.054167
0	0	0	0	0	0	1108.333	0	187.8043	5.270833
0	0	0	0	0	0	958.4708	0	133.0727	2.108333
0	0	0	0	0	0	947.6893	0	316.5843	3.1625
0	0	0	0	0	0	1014.534	0	346.633	1.054167
0	0	0	0	0	0	602.683	0	372.389	4.216667
0	0	0	0	0	0	581.1201	0	47.21936	1.054167
0	0	0	0	0	0	1522.34	0	752.2902	5.270833
0	0	0	0	0	0	1451.183	0	570.925	5.270833
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0	0	0	0	0	0	1057.66	0	506.5349	4.216667
0	0	0	0	0	0	1017.769	0	388.4865	2.108333
0	0	0	0	0	0	902.4072	0	541.9495	11.59583
0	0	0	0	0	0	884.0788	0	723.3147	3.1625
0	0	0	0	0	0	1556.841	0	348.7794	6.325
0	0	0	0	0	0	1624.764	0	211.4139	6.325
0	0	0	0	0	0	1999.959	0	483.9984	6.325
0	0	0	0	0	0	914.2668	0	238.2431	7.379167
0	0	0	0	0	0	763.3265	0	203.9018	2.108333
0	0	0	0	0	0	1245.257	0	148.0971	0
0	0	0	0	0	0	1312.102	0	203.9018	7.379167
0	0	0	0	0	0	1006.987	0	54.73153	3.1625
0	0	0	0	0	0	1088.926	0	93.36555	1.054167
0	0	0	0	0	0	840.953	0	77.26804	1.054167
0	0	0	0	0	0	1322.884	0	92.29238	2.108333
0	0	0	0	0	0	1329.353	0	402.4377	8.433333
0	0	0	0	0	0	1533.122	0	292.9747	6.325
0	0	0	0	0	0	974.6429	0	61.17053	4.216667
0	0	0	0	0	0	1133.13	0	82.63388	0
0	0	0	0	0	0	1039.332	0	92.29238	5.270833
0	0	0	0	0	0	1031.785	0	128.7801	5.270833
0	0	0	0	0	0	897.0165	0	181.3653	1.054167
0	0	0	0	0	0	1706.703	0	186.7311	4.216667
0	0	0	0	0	0	1904.004	0	441.0717	6.325
0	0	0	0	0	0	1546.06	0	576.2908	8.433333
0	0	0	0	0	0	1022.081	0	45.07302	1.054167
0	0	0	0	0	0	1345.525	0	150.2434	0
0	0	0	0	0	0	984.3462	0	139.5117	0
0	0	0	0	0	0	1270.055	0	159.9019	2.108333
0	0	0	0	0	0	1605.358	0	255.4138	2.108333
0	0	0	0	0	0	930.439	0	74.04854	2.108333

0	0	0	0	0	0	522.9002	0	75.12171	1.054167
0	0	0	0	0	0	1374.635	0	213.5603	1.054167
0	0	0	0	0	0	1284.07	0	180.2921	1.054167
0	0	0	0	0	0	1430.698	0	207.1213	6.325
0	0	0	0	0	0	1162.24	0	173.8531	1.054167
0	0	0	0	0	0	1179.49	0	107.3167	2.108333
0	0	0	0	0	0	1222.22	0	496.2563	8.239583
0	0	0	0	0	0	1063.297	0	737.1357	8.239583
0	0	0	0	0	0	705.435	0	1242.313	4.708333
0	0	0	0	0	0	774.0348	0	935.6382	11.77083
0	0	0	0	0	0	563.662	0	1280.23	4.708333
0	0	0	0	0	0	848.3513	0	1066.115	11.77083
0	0	0	0	0	0	570.522	0	886.5702	9.416667
0	0	0	0	0	0	1058.724	0	260.9527	2.354167
0	0	0	0	0	0	1079.304	0	604.429	9.416667
0	0	0	0	0	0	1136.471	0	820.7744	3.53125
0	0	0	0	0	0	1162.767	0	1027.083	2.354167
0	0	0	0	0	0	619.6852	0	1157.56	5.885417
0	0	0	0	0	0	605.9652	0	1252.35	5.885417
0	0	0	0	0	0	968.401	0	1164.251	3.53125
0	0	0	0	0	0	964.971	0	1019.277	8.239583
0	0	0	0	0	0	745.4516	0	1227.816	2.354167
0	0	0	0	0	0	969.5444	0	979.1303	1.177083
0	0	0	0	0	0	1209.644	0	704.7954	3.53125
0	0	0	0	0	0	882.6512	0	864.2665	2.354167
0	0	0	0	0	0	772.8915	0	207.424	2.354167
0	0	0	0	0	0	1739.006	0	325.6333	1.177083
0	0	0	0	0	0	541.7143	63.51392	959.1376	8
0	0	0	0	0	0	248	36.29367	511.7621	2
0	0	0	0	0	0	171.4286	20.41519	616.1127	1
0	0	0	0	0	0	289.1429	32.89114	857.0072	2
0	0	0	0	0	0	568	43.09873	1016.863	3
0	0	0	0	0	0	254.8571	30.62278	568.3778	1
0	0	0	0	0	0	320	60.11139	850.3465	5
0	0	0	0	0	0	152	27.22025	344.135	0
0	0	0	0	0	0	358.8571	38.56203	1247.767	3
0	0	0	0	0	0	520	95.27089	1184.491	3
0	0	0	0	0	0	979.0768	0	1186.938	3.5
0	0	0	0	0	0	1044.425	0	1551.301	0
0	0	0	0	0	0	1046.718	0	1174.793	0
0	0	0	0	0	0	1019.203	0	843.5543	5.833333
0	0	0	0	0	0	865.5773	0	1287.414	4.666667
0	0	0	0	0	0	951.2162	0	378.7984	2.204082
0	0	0	0	0	0	1206.907	0	1909.59	11.02041
0	0	0	0	0	0	1003.996	0	983.7617	3.306122
0	0	0	0	0	0	485.5777	0	1053.951	1.102041
0	0	0	0	0	0	633.3622	0	905.7738	2.204082

0	0	0	0	0	0	1335.925	0	816.6448	6.612245
0	0	0	0	0	0	1076.716	0	630.5879	2.204082
0	12.8	0	0	0	0	372.97	0	210.6115	1.125
0	16.29091	0	0	0	0	1681.812	0	312.651	2.227041
0	0	0	0	0	0	1222.155	0	705.2335	4.408163
0	0	0	0	0	0	536.0121	0	335.348	2.204082
0	0	0	0	0	0	399.5245	0	682.2936	1.125
0	0	0	0	0	0	313.8259	0	931.2978	3.375
0	0	0	0	0	0	742.319	0	97.62722	0
0	12.8	0	0	0	0	1323.475	0	193.3011	1.102041
0	0	0	0	0	0	223.2992	0	274.2338	0
0	0	0	0	0	0	834.0528	0	1499.51	2.25
0	0	0	0	0	0	718.1786	0	1363.49	2.25
0	0	0	0	0	0	604.7126	0	1484.941	4.477041
0	0	0	0	0	0	1030.797	0	827.089	3.375
0	17.45455	0	0	0	0	377.9446	0	182.7145	1.102041
0	0	0	0	0	0	249.8537	0	311.5295	0
0	0	0	0	0	0	626.3249	0	669.5819	2.204082
0	4.654545	0	0	0	0	812.8149	0	53.47742	2.204082
0	0	0	0	0	0	1055.604	0	1070.663	2.204082
0	0	1191	79	652	4	1403.953	0	697.4347	3.306122
0	0	0	0	0	0	1727.671	0	320.8645	4.408163
0	0	0	0	0	0	642.6937	0	1921.021	17.60434
0	0	0	0	0	0	841.0853	0	1414.085	3.772358
0	0	0	0	0	0	529.8362	0	1131.036	3.772358
0	0	0	0	0	0	590.4229	0	1437.286	5.02981
0	0	0	0	0	0	1040.665	0	1121.756	11.31707
0	0	0	0	0	0	538.1521	0	1680.894	6.287263
0	0	0	0	0	0	356.3921	0	1105.515	3.772358
0	0	0	0	0	0	870.7847	0	1521.968	7.544715
0	0	0	0	0	0	488.2572	0	1577.65	3.772358
0	0	0	0	0	0	405.099	0	1845.619	8.802168
0	0	0	0	0	0	736.5437	0	1610.131	6.287263
0	0	0	0	0	0	994.3339	0	1198.318	8.802168
0	0	0	0	0	0	850.5891	0	1689.014	5.02981
0	0	0	0	0	0	723.4759	0	1533.569	2.514905
0	0	0	0	0	0	586.859	0	989.5115	0
0	0	0	0	0	0	974.1384	0	1711.054	10.05962
0	0	0	0	0	0	498.9489	0	1178.598	1.257453
0	0	0	0	0	0	754.3633	0	1617.091	5.02981
0	0	0	0	0	0	354.0161	0	878.148	3.772358
0	0	0	0	0	0	618.9343	0	1179.758	1.257453
0	0	0	0	0	0	1382.801	0	640.3404	3.772358
0	0	0	0	0	0	584.483	0	1183.238	5.02981
0	0	0	0	0	0	690.2127	0	1470.927	5.02981
0	0	0	0	0	0	580.9191	0	940.79	5.02981
0	0	0	0	0	0	1114.319	0	1789.937	5.02981

0	0	0	0	0	0	584.483	0	1292.281	5.02981
0	0	0	0	0	0	616.5583	0	1506.888	1.257453
0	0	0	0	0	0	508.4527	0	1107.835	10.05962
0	0	0	0	0	0	1082.244	0	990.6715	5.02981
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0	0	0	0	0	0	166.3163	0	1021.993	5.02981
0	0	0	0	0	0	131.8651	0	589.2988	1.257453
0	0	0	0	0	0	439.5502	0	1568.37	2.514905
0	0	0	0	0	0	1189.162	0	1309.682	6.287263
0	0	0	0	0	0	601.1147	0	1075.354	0
0	0	0	0	0	0	686.6488	0	1916.381	5.02981
0	0	0	0	0	0	999.0858	0	1582.29	6.287263
0	0	0	0	0	0	674.769	0	1032.433	5.02981
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0	0	0	0	0	0	864.8448	0	1312.002	2.514905
0	0	0	0	0	0	945.627	0	939.6299	11.31707
0	0	0	0	0	0	873.1606	0	1591.571	6.287263
0	0	0	0	0	0	1240.244	0	809.7058	3.772358
0	0	0	0	0	0	1007.402	0	837.5467	6.287263
0	0	0	0	0	0	604.6786	0	2024.264	5.02981
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0	0	0	0	0	0	1177.282	0	995.3117	3.772358
0	0	0	0	0	0	312.4371	0	829.4264	0
0	0	0	0	0	0	471.6255	0	933.8297	3.772358
0	0	0	0	0	0	880.2885	0	1272.561	3.772358
0	0	0	0	0	0	583.2951	0	912.9491	2.514905
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0	0	0	0	0	0	812.574	0	1438.446	3.772358
0	0	0	0	0	0	784.0626	0	1794.577	8.802168
0	0	0	0	0	0	1211.733	0	1625.212	5.02981
0	0	0	0	0	0	742.4835	0	1237.759	7.544715
0	0	0	0	0	0	520.3325	0	1429.165	5.02981
0	0	0	0	0	0	457.3699	0	589.2988	1.257453
0	0	0	0	0	0	599.9267	0	1354.923	2.514905
0	0	0	0	0	0	1046.605	0	635.7002	1.257453
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0	0	0	0	0	0	460.9338	0	617.1396	1.257453
0	0	0	0	0	0	553.5957	0	1530.089	3.772358

0	0	0	0	0	0	958.6947	0	792.3052	3.772358
0	0	0	0	0	0	937.3112	0	838.7067	3.772358
0	0	0	0	0	0	634.3779	0	1631.012	8.802168
0	0	0	0	0	0	1043.041	0	769.1045	2.514905
0	0	0	0	0	0	816.1379	0	1136.836	8.802168
0	0	0	0	0	0	728.2278	0	1027.793	16.34688
0	0	0	0	0	0	914.7397	0	750.5439	2.514905
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0	0	0	0	0	0	527.4603	0	1158.877	5.02981
0	0	0	0	0	0	608.2425	0	1675.093	1.257453
0	0	0	0	0	0	946.815	0	1147.277	7.544715
0	0	0	0	0	0	742.4835	0	1908.261	3.772358
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0	0	0	0	0	0	368.2718	0	1023.153	3.772358
0	0	0	0	0	0	953.9428	0	998.7918	0
0	0	0	0	0	0	390.8433	0	1176.277	2.514905
0	0	0	0	0	0	1540.802	0	396.7326	5.02981
0	0	0	0	0	0	363.5199	0	767.9444	3.772358
0	0	0	0	0	0	438.3623	0	881.6281	0
0	0	0	0	0	0	700.9044	0	736.6235	3.772358
0	0	0	0	0	0	997.8979	0	823.6262	6.287263
0	0	0	0	0	0	528.6483	0	540.5772	3.772358
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0	0	0	0	0	0	753.7138	0	1179.056	3.136364
0	0	0	0	0	0	1128.392	0	1916.91	9.409091
1289.252	6	2464.195	125.9427	1063.162	7.583333	2270.761	0	1394.693	6
1222.748	11	2644.805	127.0573	980.8377	5.416667	2429.239	0	1307.307	10
0	0	0	0	0	0	965.1382	0	1170.192	5.27027
0	0	0	0	0	0	700.7642	0	932.3573	8.432432
0	0	0	0	0	0	1163.707	0	798.3658	9.486486
0	0	0	0	0	0	953.5935	0	980.3709	7.378378
0	0	0	0	0	0	423.6911	0	528.1497	5.27027
0	0	0	0	0	0	763.1057	0	1087.564	3.162162

LocalityCoc	LocalityNar	PrecinctNa	GE17ATGD	GE17ATGR	GE17ATGM	GE17GOVD	GE17GOVL	GE17GOVR	GE17GOVV
1	ACCOMACI	101 - CHIN	415.5453	815.5336	2	454.7393	11.02041	783.8535	0
1	ACCOMACI	201 - ATLA	132.219	422.48	0	143.8348	1.102041	413.9923	0
1	ACCOMACI	202 - GREE	215.5503	477.1292	0	224.6036	7.714286	467.5801	0
1	ACCOMACI	301 - NEW	384.435	393.0536	1	394.9925	4.408163	383.5208	0
1	ACCOMACI	401 - BLOX	92.21996	236.4627	0	102.8972	1.102041	232.214	0
1	ACCOMACI	402 - PARK	176.6623	364.678	1	212.4329	2.204082	343.5926	0
1	ACCOMACI	403 - SAXIS	32.22143	111.4002	0	32.08623	0	112.4294	0
1	ACCOMACI	501 - MAPI	244.4384	188.1192	0	260.0091	2.204082	177.5754	0
1	ACCOMACI	502 - RUE	262.2158	98.78887	1	265.5412	2.204082	96.66825	0
1	ACCOMACI	601 - ACCC	366.6577	506.5557	0	403.8439	4.408163	483.3413	0
1	ACCOMACI	602 - TANG	17.77734	162.8965	0	19.91559	0	163.9157	0
1	ACCOMACI	701 - NANI	712.2047	821.8393	0	806.5813	7.714286	750.2297	0
1	ACCOMACI	801 - BOBT	194.4397	320.5383	0	205.7944	3.306122	305.7659	0
1	ACCOMACI	802 - MELF	333.3251	280.6024	0	357.3742	1.102041	261.6347	0
1	ACCOMACI	803 - WACI	148.8852	287.959	0	157.1119	0	279.4973	0
1	ACCOMACI	901 - PAIN	792.2028	514.9632	0	834.2419	5.510204	480.189	0
3	ALBEMARL	101 - WOO	1091.363	629.8815	0	1101.834	21.35198	610.6199	0
3	ALBEMARL	103 - BRAN	442.3861	172.0755	0	448.2951	4.270396	165.9525	0
3	ALBEMARL	104 - AGNC	911.8128	316.534	0	901.9913	23.48718	303.1824	1.090909
3	ALBEMARL	105 - DUNL	1333.648	556.59	1.04	1366.49	22.41958	518.0695	0
3	ALBEMARL	106 - NORI	1055.669	755.2204	0	1045.662	22.41958	748.9136	0
3	ALBEMARL	201 - JACK	828.5274	514.1022	1.04	833.9369	16.01399	496.7936	1.090909
3	ALBEMARL	202 - UNIV	1435.321	368.5816	2.08	1477.753	14.94639	338.2877	2.181818
3	ALBEMARL	203 - GEOR	1055.669	294.2279	1.04	1068.347	14.94639	278.715	0
3	ALBEMARL	204 - BELFI	462.937	315.4718	0	473.1404	3.202797	308.5014	0
3	ALBEMARL	301 - IVY	1645.157	885.8704	0	1688.398	23.48718	838.2727	3.272727
3	ALBEMARL	302 - RED F	1081.629	613.9485	2.08	1088.871	10.67599	607.4285	0
3	ALBEMARL	304 - EAST	414.2637	257.0511	0	415.8882	6.405594	252.1201	0
3	ALBEMARL	305 - COUN	996.1799	458.8681	2.08	1014.335	16.01399	428.7105	2.181818
3	ALBEMARL	306 - PORT	517.0184	272.984	1.04	523.9111	6.405594	269.1408	0
3	ALBEMARL	307 - YELL	232.5501	177.3865	0	235.4899	5.337995	170.2076	1.090909
3	ALBEMARL	401 - SCOT	411.0188	446.1218	0	400.765	9.608392	446.7951	1.090909
3	ALBEMARL	402 - MON	388.3046	402.5718	0	379.1604	7.473193	408.4984	0
3	ALBEMARL	405 - CALE	2016.156	633.068	3.12	2032.991	34.16317	595.7268	2.181818
3	ALBEMARL	406 - STON	869.6293	971.9082	0	886.8681	10.67599	954.2266	1.090909
3	ALBEMARL	501 - KESW	467.2635	348.3999	2.08	477.4613	9.608392	336.1601	1.090909
3	ALBEMARL	502 - STON	507.2838	458.8681	1.04	522.8309	10.67599	439.3485	1.090909
3	ALBEMARL	503 - HOLL	896.67	583.1449	0	927.9168	22.41958	537.2179	0
3	ALBEMARL	504 - FREE	1702.483	788.1485	2.08	1713.243	24.55478	764.8706	1.090909
3	ALBEMARL	506 - BAKE	1035.118	882.6838	0	1051.063	33.09557	837.2089	2.181818
3	ALBEMARL	601 - CROZ	1562.953	899.6789	2.08	1584.696	32.02797	856.3572	2.181818
3	ALBEMARL	602 - FREE	462.937	373.8925	1.04	470.9799	5.337995	364.8826	0
3	ALBEMARL	603 - EARL	1018.894	941.1045	1.04	1058.625	10.67599	908.4833	1.090909
3	ALBEMARL	604 - BROV	1751.157	1120.615	3.12	1778.057	36.29837	1072.308	0
5	ALLEGHAN	101 - ARRI	100.8848	303.4613	0	97.76245	3.085714	306.6811	1
5	ALLEGHAN	103 - DAMI	40.98445	126.7886	0	33.63869	2.057143	135.1476	0

5 ALLEGHAN' 201 - HUM	77.76537	188.1044	0	81.99431	0	185.0482	0
5 ALLEGHAN' 202 - DOLL	90.37597	231.753	0	91.45519	2.057143	229.7509	0
5 ALLEGHAN' 301 - CALL	49.39152	198.4969	0	45.20199	4.114286	198.563	0
5 ALLEGHAN' 302 - GRIFF	150.2763	319.0501	2	152.4253	4.114286	317.077	0
5 ALLEGHAN' 401 - LOW	106.1392	221.3605	0	99.86486	2.057143	224.5529	0
5 ALLEGHAN' 402 - JACK	120.8516	280.5978	0	119.8378	4.114286	280.6911	0
5 ALLEGHAN' 501 - IRON	78.81625	94.57184	0	76.73826	2.057143	95.64291	0
5 ALLEGHAN' 502 - PETE	149.2254	340.8743	1	152.4253	2.057143	337.869	0
5 ALLEGHAN' 601 - DIST	304.7562	373.0911	0	310.1067	6.171429	366.9777	0
5 ALLEGHAN' 701 - DIST	217.5329	207.8502	0	216.5491	4.114286	209.9986	0
7 AMELIA CC 101 - NUM	220.3671	532.3837	0	224.8259	6.315789	524.2155	0
7 AMELIA CC 201 - NUM	328.9382	663.5974	0	339.4006	5.263158	658.492	0
7 AMELIA CC 301 - NUM	234.3416	693.7121	0	231.3112	12.63158	689.6442	0
7 AMELIA CC 401 - NUM	233.2666	652.8422	1.5	230.2304	7.368421	650.9726	0
7 AMELIA CC 501 - NUM	374.0866	647.4646	1.5	377.2319	8.421053	646.6757	1
9 AMHERST (101 - WRIG	374.153	278.0247	0	381.3462	2.02439	274.7847	0
9 AMHERST (102 - NEW	278.2164	575.7602	2	284.1403	7.085366	570.308	0
9 AMHERST (103 - COOL	90.60686	335.082	0	84.38754	8.097561	334.9263	0
9 AMHERST (201 - COUF	558.5646	902.5429	2	571.4852	11.13415	895.902	2
9 AMHERST (202 - TEMF	163.0923	376.5783	0	158.0931	8.097561	375.3663	0
9 AMHERST (301 - MON	158.8285	432.5982	0	160.2295	5.060976	431.3602	0
9 AMHERST (302 - ELON	338.9763	1128.697	2	336.482	13.15854	1124.025	4
9 AMHERST (303 - PLEA	95.93668	258.314	0	94.00131	1.012195	261.3047	0
9 AMHERST (401 - AMEL	509.5303	1028.069	2	517.0072	11.13415	1019.296	6
9 AMHERST (402 - LONC	117.2559	236.5285	0	118.5698	4.04878	234.3447	0
9 AMHERST (501 - MAD	546.8391	909.8048	6	552.2577	12.14634	909.382	2
11 APPOMATZ 101 - VERA	68.36497	335.6172	0	72.11499	5.102041	329.085	0
11 APPOMATZ 102 - PAMI	188.2666	513.7843	1	189.1712	7.142857	510.7566	0
11 APPOMATZ 201 - CHAP	79.93443	159.5218	0	79.43101	2.040816	157.7947	0
11 APPOMATZ 202 - SPOU	154.61	702.31	1	158.862	9.183673	697.6188	0
11 APPOMATZ 301 - US 4	98.86626	428.8442	0	102.4242	6.122449	418.3636	0
11 APPOMATZ 302 - STON	146.1959	474.4218	1	143.1848	5.102041	473.3842	0
11 APPOMATZ 401 - COUF	204.0431	611.1548	1	200.6678	8.163265	611.4545	0
11 APPOMATZ 501 - OAKV	188.2666	500.3182	0	193.3518	5.102041	492.0704	1
11 APPOMATZ 502 - AGEE	90.45211	203.0277	0	87.79216	2.040816	203.4721	0
13 ARLINGTON 001 - ARLIN	1165.412	223.0019	4.45	1187.579	10.80972	204.9318	2.039216
13 ARLINGTON 002 - ASHT	1484.005	325.5828	1.1125	1509.314	15.1336	297.879	2.039216
13 ARLINGTON 003 - AURC	901.2989	352.343	1.1125	920.2556	8.647773	330.3545	0
13 ARLINGTON 004 - BALL	1343.066	321.1228	0	1347.264	22.7004	306.8378	1.019608
13 ARLINGTON 005 - BARC	1199.758	326.6978	1.1125	1223.065	21.61943	286.6805	2.039216
13 ARLINGTON 006 - CRYST	939.1985	293.2475	0	960.4724	11.89069	266.5233	0
13 ARLINGTON 007 - CHER	1411.759	379.1033	2.225	1431.246	10.80972	360.5903	0
13 ARLINGTON 008 - HUM	1518.351	449.3489	3.3375	1529.422	22.7004	427.7811	1.019608
13 ARLINGTON 009 - COLU	1783.648	376.8733	3.3375	1800.294	25.94332	346.0324	1.019608
13 ARLINGTON 010 - WILSON	1582.307	421.4736	0	1598.027	11.89069	407.6239	2.039216
13 ARLINGTON 011 - EAST	1012.629	305.5126	0	1016.066	8.647773	296.7591	0
13 ARLINGTON 012 - FAIRL	1467.424	415.8986	4.45	1489.205	12.97166	407.6239	2.039216

13 ARLINGTOI013 - GLEN	965.2544	245.3021	0	993.5922	8.647773	219.4898	0
13 ARLINGTOI014 - CLAR	1055.266	226.347	2.225	1061.014	17.29555	216.1302	1.019608
13 ARLINGTOI015 - LYON	799.4439	189.5516	1.1125	805.5194	9.728745	178.0555	0
13 ARLINGTOI016 - LYON	1448.474	395.8284	1.1125	1470.28	25.94332	359.4705	0
13 ARLINGTOI017 - OVER	1543.223	451.5789	0	1576.736	11.89069	412.1033	1.019608
13 ARLINGTOI018 - PARK	1776.542	441.5438	0	1807.391	16.21457	408.7437	1.019608
13 ARLINGTOI019 - ROSS	1499.401	334.5029	4.45	1516.411	17.29555	320.2759	1.019608
13 ARLINGTOI020 - THRIF	1337.144	512.9044	1.1125	1342.532	11.89069	510.6497	0
13 ARLINGTOI021 - VIRGI	824.3155	269.8323	2.225	837.4563	10.80972	257.5645	0
13 ARLINGTOI022 - ABIN	1620.206	394.7134	5.5625	1635.879	32.42915	356.111	3.058824
13 ARLINGTOI023 - WEST	1447.289	337.8479	0	1460.817	17.29555	310.1973	2.039216
13 ARLINGTOI024 - WOO	1858.263	400.2885	1.1125	1883.094	19.45749	372.9087	0
13 ARLINGTOI025 - ARLIN	1255.423	343.423	3.3375	1290.487	11.89069	315.7965	2.039216
13 ARLINGTOI026 - FILLM	1757.592	334.5029	6.675	1781.369	34.59109	288.9202	2.039216
13 ARLINGTOI027 - JEFFE	1425.971	356.8031	0	1459.634	21.61943	316.9164	0
13 ARLINGTOI028 - WAKI	1608.363	314.4327	3.3375	1622.867	12.97166	304.5981	1.019608
13 ARLINGTOI029 - DOM	1546.776	346.768	1.1125	1558.993	14.05263	338.1934	1.019608
13 ARLINGTOI030 - GLEB	1315.825	234.152	2.225	1338.984	9.728745	207.1715	0
13 ARLINGTOI031 - LEXIN	1486.373	400.2885	1.1125	1491.571	15.1336	389.7063	1.019608
13 ARLINGTOI032 - OAKR	529.4095	207.3918	0	529.9158	8.647773	197.0929	3.058824
13 ARLINGTOI033 - ROCK	1436.63	522.9395	1.1125	1451.354	10.80972	510.6497	1.019608
13 ARLINGTOI034 - YORK	1324.116	401.4035	1.1125	1350.812	8.647773	379.6277	1.019608
13 ARLINGTOI035 - MADI	1370.306	671.2358	3.3375	1398.126	7.566802	643.9113	2.039216
13 ARLINGTOI036 - MAR	1498.217	448.2339	0	1509.314	15.1336	434.5002	1.019608
13 ARLINGTOI037 - NOTT	1301.613	433.7387	1.1125	1327.155	6.48583	408.7437	2.039216
13 ARLINGTOI038 - ARLIN	1260.16	212.9668	2.225	1273.927	20.53846	190.3738	1.019608
13 ARLINGTOI039 - ASHL	857.4776	236.382	1.1125	862.2961	11.89069	221.7295	0
13 ARLINGTOI040 - VIRGI	1513.614	406.9785	3.3375	1537.702	30.26721	367.3094	2.039216
13 ARLINGTOI041 - NAVY	1142.909	263.1423	1.1125	1165.105	17.29555	231.8081	1.019608
13 ARLINGTOI042 - SHIRL	1193.836	246.4171	2.225	1206.505	12.97166	231.8081	1.019608
13 ARLINGTOI043 - CAMI	992.4948	122.6511	0	999.5064	5.404858	117.5838	1.019608
13 ARLINGTOI044 - DAW	1081.322	177.2865	1.1125	1096.5	7.566802	173.5761	0
13 ARLINGTOI045 - BUCK	1017.366	205.1618	0	1029.078	5.404858	193.7333	2.039216
13 ARLINGTOI046 - CENT	1457.949	367.9532	1.1125	1484.474	28.10526	329.2347	0
13 ARLINGTOI047 - FOUR	1192.652	182.8616	2.225	1211.236	14.05263	157.8983	1.019608
13 ARLINGTOI048 - AUSA	914.3269	272.0623	0	928.5355	19.45749	249.7256	1.019608
13 ARLINGTOI049 - MON	806.55	171.7115	1.1125	809.0679	10.80972	163.4975	0
13 ARLINGTOI050 - CRYST	929.7236	320.0078	2.225	936.8155	19.45749	301.2385	1.019608
13 ARLINGTOI051 - TAYL	381.3643	114.846	0	386.7912	4.323887	115.3441	0
13 ARLINGTOI052 - GUN	938.0141	224.1169	3.3375	949.8268	9.728745	210.531	0
13 ARLINGTOI053 - MET	1075.4	303.2826	3.3375	1103.597	14.05263	275.4821	1.019608
13 ARLINGTOI054 - GARF	594.5494	149.4113	0	598.521	9.728745	139.9807	0
15 AUGUSTA (101 - JOLIV	215.2524	408.9969	0	219.0047	4.160535	404.9593	0
15 AUGUSTA (102 - STUA	224.7488	469.2045	0	219.0047	4.160535	470.3758	0
15 AUGUSTA (103 - VERO	285.9481	896.8865	1.083333	290.6024	19.76254	879.4885	1.066667
15 AUGUSTA (201 - CRIM	262.7346	887.544	1.083333	252.6977	15.60201	884.6803	0
15 AUGUSTA (202 - NEW	180.4322	652.9417	0	176.8884	13.52174	645.8582	0

15 AUGUSTA (203 - WEYE	331.3199	882.3536	1.083333	340.0891	15.60201	863.9132	0
15 AUGUSTA (301 - FORT	518.083	1389.966	1.083333	548.5647	28.08361	1346.749	0
15 AUGUSTA (302 - NORT	109.7365	418.3394	0	117.9256	5.200669	407.036	0
15 AUGUSTA (303 - MOU	102.3504	569.8966	1.083333	113.714	6.240803	554.4827	0
15 AUGUSTA (304 - CHUF	135.0603	486.8516	1.083333	149.5128	6.240803	469.3374	1.066667
15 AUGUSTA (401 - BUFF	143.5016	548.0973	0	150.5657	9.361204	540.9841	0
15 AUGUSTA (402 - CHUF	142.4464	608.305	0	149.5128	15.60201	590.8252	2.133333
15 AUGUSTA (403 - CRAI	80.19207	347.7511	0	75.80932	6.240803	350.9647	0
15 AUGUSTA (404 - DEER	42.20635	204.4984	0	42.11629	5.200669	202.4796	0
15 AUGUSTA (405 - CEDA	283.8377	683.0455	0	295.8669	12.48161	656.2417	1.066667
15 AUGUSTA (501 - GREE	217.3627	896.8865	0	224.2693	13.52174	888.8337	1.066667
15 AUGUSTA (502 - MIDC	147.7222	429.7581	0	148.4599	8.32107	421.573	1.066667
15 AUGUSTA (503 - SPOT	124.5087	472.3187	0	120.0314	4.160535	473.4909	0
15 AUGUSTA (504 - WHIT	260.6242	936.3329	1.083333	256.9094	15.60201	929.3297	0
15 AUGUSTA (601 - SHER	182.5425	567.8205	0	190.5762	9.361204	556.5594	1.066667
15 AUGUSTA (602 - RIDG	399.9052	1293.427	0	399.0519	16.64214	1277.179	3.2
15 AUGUSTA (603 - LYND	357.6989	885.4678	2.166667	363.253	18.72241	867.0282	3.2
15 AUGUSTA (801 - DOOI	211.0318	677.8552	0	212.6873	6.240803	671.8171	0
15 AUGUSTA (802 - FISHE	520.1933	1151.212	1.083333	533.824	36.40468	1110.004	0
15 AUGUSTA (803 - WILSI	431.56	770.2428	2.166667	439.0623	14.56187	752.8089	1.066667
17 BATH COUI101 - WARI	93.7233	168.1667	1	104.9279	2	160.3309	0
17 BATH COUI102 - MOU	13.07767	46.71296	0	12.98077	0	47.89106	0
17 BATH COUI201 - HOT	88.27427	137.0247	0	84.375	2	145.7554	0
17 BATH COUI301 - FAIR	42.50243	192.0422	0	43.26923	4	188.4409	0
17 BATH COUI302 - BURN	17.43689	35.29424	0	11.89904	3	38.52107	0
17 BATH COUI401 - MILL	92.6335	217.9938	0	88.70192	2	219.6742	3
17 BATH COUI501 - HEAL	101.3519	211.7654	1	103.8462	3	212.3864	0
19 BEDFORD (101 - GOOI	224.1238	882.5022	0	226.0927	11.8381	875.1609	0
19 BEDFORD (102 - HARC	141.5519	392.9236	0	152.1572	2.152381	386.6257	0
19 BEDFORD (103 - CHAN	211.2554	613.5491	0	218.592	4.304762	609.3557	0
19 BEDFORD (104 - STEW	165.1439	577.8288	1	166.0871	6.457143	573.6349	1
19 BEDFORD (201 - BEDF	106.1639	324.6347	0	105.0099	2.152381	324.6395	0
19 BEDFORD (202 - STAU	128.6835	465.4148	0	135.0127	4.304762	457.0168	1
19 BEDFORD (203 - MON	339.939	926.6273	2	364.32	9.685714	902.4769	0
19 BEDFORD (204 - Quak	99.72973	306.7746	1	99.65225	6.457143	307.8297	0
19 BEDFORD (205 - SAUN	283.1037	728.0643	0	286.0984	5.380952	727.0244	0
19 BEDFORD (301 - NEW	383.6397	1624.253	1	399.2419	17.19008	1604.247	0
19 BEDFORD (302 - BEDF	174.7951	662.9272	0	196.0899	7.533333	646.1272	0
19 BEDFORD (303 - BETH	135.1177	400.2778	0	138.2273	2.152381	398.1825	0
19 BEDFORD (304 - FORE	138.9224	422.9069	1	145.8564	0	418.9502	1
19 BEDFORD (305 - HUDI	82.57193	367.7092	0	80.36472	2.152381	368.7653	0
19 BEDFORD (401 - FORE	353.7179	1054.158	1	374.7551	9.669421	1040.116	0
19 BEDFORD (402 - THON	203.0405	558.6931	4	203.3472	6.446281	563.0939	1
19 BEDFORD (403 - KNIG	442.4146	1230.369	0	463.1206	13.96694	1206.037	0
19 BEDFORD (404 - FORE	260.7467	967.0885	0	261.9027	10.7438	963.378	0
19 BEDFORD (502 - BIG IS	86.55937	238.4034	3	88.36554	6.446281	235.4002	0
19 BEDFORD (503 - SEDA	106.8634	322.3628	1	104.3352	11.81818	316.2866	0

19	BEDFORD (504 - SUCK	141.0597	511.0125	1	139.4685	8.595041	507.0956	1
19	BEDFORD (505 - BOOM	397.5319	930.8097	3	405.6298	12.89256	920.8607	1
19	BEDFORD (506 - BOOM	400.7378	1338.169	0	412.0177	17.19008	1311.812	0
19	BEDFORD (601 - MON	198.766	617.7757	1	196.9593	15.04132	608.7221	0
19	BEDFORD (602 - SHAD	197.3147	605.1443	1	192.8753	6.457143	606.2039	0
19	BEDFORD (603 - THAX	53.61813	153.3873	1	51.43342	0	157.592	0
19	BEDFORD (604 - BEDF	360.3139	803.7073	3	363.2485	16.14286	793.2131	0
19	BEDFORD (701 - GOOI	221.9791	1064.256	1	236.808	5.380952	1048.512	0
19	BEDFORD (702 - LIBER	198.3871	510.5905	0	200.376	5.380952	506.3956	0
19	BEDFORD (703 - THAX	108.3086	412.8849	0	105.0099	4.304762	416.0429	0
19	BEDFORD (704 - BEDF	457.8989	784.7966	0	472.5445	10.7619	772.2008	0
21	BLAND COI 101 - BAST	44.90055	201.4649	0	47.16022	0	200.2439	0
21	BLAND COI 102 - CERES	47.03867	236.9561	1	45.01657	4.444444	237.7897	0
21	BLAND COI 201 - DAVI	16.03591	64.7193	0	18.22099	1.111111	63.61917	0
21	BLAND COI 202 - SEDD	112.2514	415.4561	1	114.6851	5.555556	417.1749	0
21	BLAND COI 301 - HOLL	34.20994	199.3772	0	31.08287	1.111111	204.4157	0
21	BLAND COI 302 - MECH	14.96685	116.9123	0	16.07735	1.111111	115.766	1
21	BLAND COI 401 - ROCK	117.5967	431.114	0	115.7569	6.666667	436.9907	0
23	BOTETOUR 101 - DALE	445.8462	945.9304	0	465.4989	10.33898	924.3351	0
23	BOTETOUR 102 - GREE	348.9231	1154.854	1	365.5188	14.47458	1129.159	0
23	BOTETOUR 201 - BLUE	330.6154	955.3792	0	339.7174	12.40678	936.9397	0
23	BOTETOUR 202 - RAINI	343.5385	1020.471	3	350.468	15.50847	1007.315	1
23	BOTETOUR 301 - BUCH	264.9231	799.9988	2	268.7638	10.33898	791.9871	1
23	BOTETOUR 302 - MILL	295.0769	783.201	1	291.34	16.54237	783.5841	1
23	BOTETOUR 403 - EAGL	170.1538	558.5294	2	155.883	7.237288	569.3064	0
23	BOTETOUR 406 - FINCA	422.1538	1095.012	4	431.0971	18.61017	1075.59	2
23	BOTETOUR 501 - TROU	192.7692	527.0334	1	190.2848	2.067797	533.5934	0
23	BOTETOUR 502 - CLOV	518	1254.591	1	550.4283	14.47458	1213.19	1
25	BRUNSWIC 101 - BROE	125.8787	117.9123	0	125.666	0	120.2101	0
25	BRUNSWIC 102 - ROCK	159.4463	226.0888	0	158.1298	1.117647	228.5075	0
25	BRUNSWIC 103 - TILLM	144.7605	283.4223	0	149.752	2.235294	276.1584	0
25	BRUNSWIC 201 - DROM	81.82115	81.13233	0	84.82457	1.117647	76.89116	0
25	BRUNSWIC 202 - EDGE	279.0311	135.2205	0	280.6541	3.352941	133.2058	0
25	BRUNSWIC 203 - FITZH	233.9246	120.0758	0	258.6626	1.117647	123.4591	0
25	BRUNSWIC 301 - ALBEI	47.20451	62.74233	0	45.03033	0	64.97845	0
25	BRUNSWIC 302 - DANI	242.3165	227.1705	0	245.0488	1.117647	225.2586	0
25	BRUNSWIC 303 - ELMC	109.0949	104.9311	0	103.6745	0	110.4634	0
25	BRUNSWIC 304 - SEYM	114.3398	75.72351	0	114.1466	0	76.89116	0
25	BRUNSWIC 401 - STUR	422.7426	286.6676	0	417.8395	6.705882	288.0711	0
25	BRUNSWIC 402 - KING	182.5241	82.21409	0	185.3574	1.117647	82.30603	0
25	BRUNSWIC 501 - TOTA	554.9152	207.6988	0	559.2138	1.117647	203.5991	0
27	BUCHANAN 102 - BLAC	26.94822	146.3494	0	27.02863	1.12	150.5215	0
27	BUCHANAN 103 - HURL	58.38782	315.4642	1.333333	55.18346	1.12	323.7837	1.5
27	BUCHANAN 201 - GRAS	22.45685	40.11057	0	21.39767	0	42.23265	0
27	BUCHANAN 202 - BULL	48.28223	185.3759	0	41.66914	3.36	192.7542	1.5
27	BUCHANAN 203 - ROCK	69.61624	198.3847	0	69.82397	0	200.3344	0
27	BUCHANAN 301 - SLATI	97.68731	229.8227	1.333333	88.96925	3.36	240.4013	0

27	BUCHANAN	302 - NORT	62.87919	241.7475	1.333333	59.68823	2.24	249.0644	0
27	BUCHANAN	403 - SOUT	98.81015	401.1057	0	96.8526	3.36	405.0003	0
27	BUCHANAN	404 - OAKV	8.982741	40.11057	0	7.883351	0	41.14976	0
27	BUCHANAN	501 - PRAT	103.3015	172.367	0	95.72641	0	189.5055	0
27	BUCHANAN	502 - FOX	53.89645	50.95126	0	52.93107	1.12	57.39309	0
27	BUCHANAN	503 - VANS	78.59898	220.0661	0	73.20255	2.24	231.7381	0
27	BUCHANAN	601 - COUN	46.03655	146.3494	0	42.79533	1.12	153.7702	0
27	BUCHANAN	602 - GARC	74.10761	230.9068	0	72.07635	1.12	236.0697	0
27	BUCHANAN	603 - HURF	74.10761	132.2565	0	77.70732	0	134.2782	0
27	BUCHANAN	701 - WHIT	121.267	306.7916	0	121.6288	3.36	330.281	0
27	BUCHANAN	702 - CONT	60.6335	255.8404	0	57.43584	4.48	270.7221	0
29	BUCKINGH	101 - NEW	276.8816	333.5305	1	274.259	7	337.2354	0
29	BUCKINGH	102 - GEOI	67.12281	122.7141	0	66.99456	2	118.7153	0
29	BUCKINGH	201 - WHIT	187.7341	225.5002	1	183.1882	4	229.0259	0
29	BUCKINGH	301 - CURC	168.8558	301.0165	0	174.8139	3	292.0605	0
29	BUCKINGH	302 - NEW	81.80592	260.1119	0	84.78999	1	253.1892	2
29	BUCKINGH	401 - MAYC	271.6376	460.4399	0	264.8379	1	466.4564	1
29	BUCKINGH	501 - WRIG	78.65954	238.0863	0	78.50925	3	239.5317	0
29	BUCKINGH	502 - GLEN	237.0274	207.6699	0	238.6681	7	199.6097	1
29	BUCKINGH	601 - SLAT	342.9556	264.3072	1	352.7682	5	258.4421	0
29	BUCKINGH	701 - GOLD	200.3196	249.6235	0	205.1708	3	243.734	0
31	CAMPBELL	101 - BROC	383.7292	1166.086	1.076923	395.0595	10.33113	1149.753	1.1
31	CAMPBELL	102 - NEW	324.8557	1123.399	1.076923	324.6633	18.59603	1121.634	1.1
31	CAMPBELL	201 - WALK	277.5466	796.4782	1.076923	279.4836	14.46358	790.4551	2.2
31	CAMPBELL	202 - BEDF	334.3175	1202.526	0	353.0319	12.39735	1178.913	0
31	CAMPBELL	301 - EVIN	126.1576	393.5539	0	130.2856	3.099338	389.4996	0
31	CAMPBELL	302 - OTTE	110.3879	372.731	0	112.4238	1.033113	372.8365	0
31	CAMPBELL	303 - ALTA	425.7817	807.9308	0	436.0364	15.49669	792.5379	0
31	CAMPBELL	401 - THRE	188.185	786.0667	0	183.8708	10.33113	788.3722	0
31	CAMPBELL	402 - COUF	366.9082	1333.711	4.307692	375.0964	16.5298	1322.632	2.2
31	CAMPBELL	501 - SPRIN	297.5216	1118.193	2.153846	314.1564	13.43046	1095.598	1.1
31	CAMPBELL	502 - YELL	268.0848	604.907	1.076923	261.6218	5.165563	611.3269	0
31	CAMPBELL	601 - KING	265.9822	651.7586	1.076923	266.8753	5.165563	650.9017	1.1
31	CAMPBELL	602 - CONC	350.0872	1029.695	0	340.4236	13.43046	1037.277	0
31	CAMPBELL	701 - BROC	229.1862	484.1338	0	221.6956	7.231788	490.5195	0
31	CAMPBELL	702 - GLAD	293.3163	668.417	1.076923	295.2439	5.165563	663.399	1.1
31	CAMPBELL	703 - MORI	121.9523	339.4142	1.076923	125.0321	4.13245	335.3446	1.1
33	CAROLINE	101 - BOW	284.3288	551.1591	0	298.3656	4.314607	536.9581	0
33	CAROLINE	102 - SPAR	231.0172	370.607	0	227.4255	5.393258	368.8944	0
33	CAROLINE	201 - NORT	348.0937	306.1995	3	348.441	10.78652	297.0181	1
33	CAROLINE	202 - SOUT	382.5895	407.5621	0	381.8245	20.49438	392.1485	0
33	CAROLINE	301 - PORT	136.9378	205.8928	0	139.7937	4.314607	200.8308	0
33	CAROLINE	302 - WOO	398.2694	518.4274	2	400.6028	12.94382	510.533	1
33	CAROLINE	401 - DAW	733.8192	430.791	1	744.8708	4.314607	424.9156	0
33	CAROLINE	402 - CARN	252.969	159.4349	0	253.5064	2.157303	155.3796	1
33	CAROLINE	501 - WEST	468.3063	295.6409	0	467.3699	4.314607	294.9041	0
33	CAROLINE	502 - MILF	240.4251	332.596	1	255.5929	4.314607	320.2722	0

33	CAROLINE	601 - CHILE	363.7736	370.607	0	360.9598	14.02247	361.4954	0
33	CAROLINE	602 - LAKE	241.4704	285.0823	0	247.247	8.629213	271.6501	0
35	CARROLL C	101 - MT B	70.21197	228.8382	1	65.60507	2.055556	237.566	0
35	CARROLL C	102 - ST PA	96.80741	361.5435	0	80.41911	8.222222	374.6635	0
35	CARROLL C	103 - LAME	46.80798	215.2542	0	47.61658	1.027778	217.6816	0
35	CARROLL C	105 - FANC	115.9561	321.8364	0	122.745	5.138889	313.9638	0
35	CARROLL C	201 - HILLS	269.1459	722.0421	0	268.7691	2.055556	727.3495	2
35	CARROLL C	202 - LAUR	82.97778	268.5453	0	84.6517	2.055556	270.0089	0
35	CARROLL C	203 - GLAD	137.2325	377.2174	0	128.0357	5.138889	380.9428	0
35	CARROLL C	301 - HILLS	249.9972	758.6144	1	248.6644	11.30556	753.5132	0
35	CARROLL C	302 - SYLV	73.40342	312.4321	0	80.41911	0	307.6845	0
35	CARROLL C	303 - DUGS	40.42507	168.2327	0	38.09326	4.111111	166.4008	0
35	CARROLL C	402 - WOO	194.6786	552.7645	0	210.5711	4.111111	536.8781	0
35	CARROLL C	403 - OAKL	95.74359	352.1392	1	85.70984	7.194444	360.0118	0
35	CARROLL C	405 - OAKL	89.36068	248.6918	0	81.47726	5.138889	252.2176	0
35	CARROLL C	406 - WOO	23.40399	95.08804	0	21.16292	2.055556	98.37533	0
35	CARROLL C	501 - VAUC	48.93561	214.2093	0	45.50029	4.111111	212.4488	0
35	CARROLL C	502 - GLAD	117.0199	566.3485	0	120.6287	2.055556	561.9952	0
35	CARROLL C	503 - WOO	60.63761	276.9047	2	53.96546	4.111111	282.5674	0
35	CARROLL C	504 - LAUR	54.2547	309.2974	0	53.96546	4.111111	308.7311	0
36	CHARLES C	101 - PREC	539.4371	393.7975	2	542.9342	9	387.931	0
36	CHARLES C	201 - PREC	567.944	272.2152	0	579.1298	2	260.7759	0
36	CHARLES C	301 - PREC	575.6189	353.9873	1	576.9361	6	351.2931	0
37	CHARLOTTI	101 - COUN	220.6475	372.3892	0	228.1109	7.233333	360.9515	0
37	CHARLOTTI	201 - RED C	214.2209	410.9841	0	201.3374	7.233333	418.3282	0
37	CHARLOTTI	302 - DRAK	163.879	299.3717	0	160.6415	3.1	303.5748	0
37	CHARLOTTI	401 - KEYS	208.8654	415.1566	0	221.6853	5.166667	400.5936	0
37	CHARLOTTI	501 - CULLI	203.5098	308.7597	4	204.5502	2.066667	308.7909	5
37	CHARLOTTI	602 - PHEN	211.0076	465.2257	3	206.6921	3.1	474.6616	0
37	CHARLOTTI	702 - BACC	193.8699	293.1131	0	195.9826	3.1	292.0995	0
41	CHESTERFI	101 - BELL	470.9126	410.2984	1.04	462.4347	11.58099	412.6363	0
41	CHESTERFI	102 - SOUT	678.6682	800.2425	3.12	701.1107	17.89789	764.181	2.125
41	CHESTERFI	103 - ENON	806.5178	1131.266	2.08	809.7935	17.89789	1112.51	3.1875
41	CHESTERFI	104 - NORT	679.7336	1070.204	2.08	681.9313	17.89789	1057.849	0
41	CHESTERFI	105 - DREV	538.756	406.8874	1.029412	527.4396	17.69106	405.3963	0
41	CHESTERFI	106 - HARR	1235.879	1029.495	0	1241.328	17.89789	1007.476	1.0625
41	CHESTERFI	107 - WELL	782.0133	770.2468	2.08	783.1555	21.05634	755.6068	0
41	CHESTERFI	108 - ECOF	832.0877	1483.716	0	844.9556	26.32042	1449.05	2.125
41	CHESTERFI	109 - ELIZA	1211.375	1213.755	0	1233.87	23.16197	1178.961	1.0625
41	CHESTERFI	110 - DUTC	535.9028	589.2013	2.08	542.3485	8.422535	577.6908	1.0625
41	CHESTERFI	111 - IRON	1251.86	1357.306	4.16	1254.114	27.37324	1337.585	3.1875
41	CHESTERFI	112 - CARV	736.2005	688.8299	1.04	757.5831	12.6338	661.2899	0
41	CHESTERFI	201 - GATE	563.6036	697.4001	1.04	567.921	10.52817	690.228	1.0625
41	CHESTERFI	202 - BEUL	1147.646	618.2575	1.029412	1162.065	17.69106	593.8051	1.108108
41	CHESTERFI	203 - BIRD	201.3631	241.0369	0	210.9725	5.264085	229.3615	0
41	CHESTERFI	204 - JACO	606.7646	498.8334	0	616.5843	16.65041	475.2558	1.108108
41	CHESTERFI	205 - FALLI	861.7971	473.469	0	868.0997	6.243902	465.7295	0

41	CHESTERFII	206 - BELM	751.283	146.9022	0	751.3626	6.243902	140.7773	0
41	CHESTERFII	207 - CHIPF	381.486	149.0159	0	403.2737	1.04065	134.4265	0
41	CHESTERFII	208 - MEAL	1066.886	399.4895	3.088235	1047.45	15.60976	411.7472	1.108108
41	CHESTERFII	209 - SALEI	873.6388	949.1497	0	885.4452	24.21479	917.4459	0
41	CHESTERFII	210 - FIVE I	1412.242	740.8522	3.088235	1432.683	31.21951	699.6527	1.108108
41	CHESTERFII	211 - NASH	861.9192	1662.619	1.04	896.1004	17.89789	1621.607	0
41	CHESTERFII	212 - ST. LL	419.7409	525.2547	0	423.4374	13.52846	512.3024	0
41	CHESTERFII	213 - SOUT	1916.994	512.5725	0	1920.856	19.77236	492.1914	1.108108
41	CHESTERFII	214 - HOPK	151.9568	22.19386	0	150.697	0	22.228	0
41	CHESTERFII	215 - North	413.3651	159.5844	0	413.8862	4.162602	156.6545	0
41	CHESTERFII	301 - ETTRI	1327.505	326.7389	1.04	1331.897	8.422535	317.2477	1.0625
41	CHESTERFII	302 - DEER	280.5357	415.3422	0	281.2304	15.60976	401.1624	0
41	CHESTERFII	303 - MATC	1033.451	966.2901	2.08	1038.88	13.68662	949.5994	1.0625
41	CHESTERFII	304 - WINF	546.5569	1479.431	2.08	549.8071	13.68662	1468.342	0
41	CHESTERFII	305 - BEAC	159.812	582.7737	1.04	168.3518	3.158451	572.3319	0
41	CHESTERFII	306 - WINT	512.1901	1522.922	3.088235	531.6846	21.85366	1488.217	1.108108
41	CHESTERFII	307 - COSB	989.3133	1156.194	1.029412	1012.429	21.85366	1115.634	1.108108
41	CHESTERFII	308 - SOUT	321.9784	234.6208	1.029412	319.4352	8.325203	229.6893	1.108108
41	CHESTERFII	309 - SKINC	1036.069	1833.636	1.029412	1087.778	34.34146	1761.304	1.108108
41	CHESTERFII	310 - TOMI	775.7236	1061.078	5.147059	817.1599	21.85366	1007.669	2.216216
41	CHESTERFII	313 - WOO	1044.57	1399.27	3.088235	1077.165	20.81301	1361.2	1.108108
41	CHESTERFII	315 - BAILE	591.8877	1291.471	0	609.1556	20.81301	1259.587	0
41	CHESTERFII	316 - SPRIN	675.8359	881.4133	0	694.0553	22.89431	845.7224	0
41	CHESTERFII	317 - BIRKE	930.8683	1336.916	3.088235	960.4282	16.65041	1297.692	1.108108
41	CHESTERFII	318 - WEST	251.8445	352.9881	1.029412	254.6992	2.081301	348.2386	1.108108
41	CHESTERFII	401 - HARB	523.8791	657.361	0	532.7458	17.69106	640.378	0
41	CHESTERFII	402 - GENI	1329.357	1201.639	3.088235	1355.212	34.34146	1154.797	0
41	CHESTERFII	403 - BRAN	901.1146	1025.145	2.058824	922.2233	32.26016	973.798	2.216216
41	CHESTERFII	404 - PROV	910.6783	713.3741	2.058824	922.2233	27.05691	679.5416	3.324324
41	CHESTERFII	405 - LA PR	886.2377	990.2689	5.147059	904.1821	21.85366	956.8624	1.108108
41	CHESTERFII	406 - SMOI	686.4623	1034.657	0	730.1377	18.73171	973.798	0
41	CHESTERFII	407 - MON	468.6221	615.087	1.029412	481.806	14.56911	588.5127	0
41	CHESTERFII	408 - REAN	1359.11	801.0926	1.029412	1367.947	27.05691	774.8045	0
41	CHESTERFII	409 - MANI	528.1296	448.1046	0	546.542	8.325203	422.332	1.108108
41	CHESTERFII	410 - WAG	501.5638	513.6293	0	520.0108	9.365854	489.0159	1.108108
41	CHESTERFII	411 - SWIF	862.8597	957.5065	0	885.0797	22.89431	917.6988	0
41	CHESTERFII	413 - SHEN	820.3543	700.6919	2.058824	824.5886	19.77236	679.5416	1.108108
41	CHESTERFII	414 - CREN	1055.197	1088.556	0	1076.104	35.38211	1042.599	0
41	CHESTERFII	415 - EVERI	851.1707	952.2223	6.176471	893.5697	32.26016	888.0614	3.324324
41	CHESTERFII	416 - EVERI	432.4925	419.5696	0	448.9073	8.325203	394.8116	0
41	CHESTERFII	417 - EDGE	416.553	442.8203	0	429.8049	16.65041	415.9811	1.108108
41	CHESTERFII	501 - HUGI	713.0281	593.95	1.029412	734.3827	18.73171	555.6999	1.108108
41	CHESTERFII	502 - CRES	520.6912	547.4485	1.029412	547.6033	10.4065	512.3024	0
41	CHESTERFII	503 - MIDL	767.2225	1005.065	1.029412	799.1187	13.52846	964.2717	1.108108
41	CHESTERFII	504 - ROBI	1164.648	1709.984	0	1278.802	18.73171	1584.539	0
41	CHESTERFII	505 - BONI	1067.948	1011.406	3.088235	1118.554	28.09756	948.3946	1.108108
41	CHESTERFII	506 - GREE	984.0001	821.1728	1.029412	1023.042	26.01626	764.2197	0

41	CHESTERFII	507 - SALIS	948.9331	1655.028	3.088235	1031.532	30.17886	1559.135	0
41	CHESTERFII	508 - BELG	796.9763	876.129	2.058824	823.5274	18.73171	835.1376	1.108108
41	CHESTERFII	509 - CRAN	648.2074	473.469	1.029412	656.9117	18.73171	449.8523	1.108108
41	CHESTERFII	510 - SYCAI	806.54	1151.967	3.088235	877.651	24.97561	1070.119	0
41	CHESTERFII	511 - BLAC	524.9417	844.4235	0	569.8894	19.77236	779.0384	3.324324
41	CHESTERFII	513 - BEAU	524.9417	191.2899	0	522.1333	13.52846	179.9409	1.108108
41	CHESTERFII	514 - WATI	883.0498	1300.983	3.088235	956.1832	35.38211	1202.429	0
41	CHESTERFII	515 - DAVI	1041.382	259.9852	0	1053.818	12.4878	249.8004	0
41	CHESTERFII	516 - POCC	698.1513	205.029	0	700.4228	11.44715	194.7596	0
41	CHESTERFII	517 - ROSE	279.473	471.3553	0	307.7615	6.243902	440.326	0
41	CHESTERFII	518 - MIDL	786.35	1346.427	1.029412	823.5274	13.52846	1307.218	1.108108
43	CLARKE CO	101 - RUSS	420.7764	718.1563	2.4	410.613	9.590164	731.2087	0
43	CLARKE CO	201 - BERR	494.5775	503.0305	0	495.151	13.85246	491.7674	0
43	CLARKE CO	301 - MILL	373.4115	465.5708	0	368.893	6.393443	467.0717	1.25
43	CLARKE CO	302 - PINE	144.2977	225.8286	1.2	141.6285	7.459016	223.3354	0
43	CLARKE CO	401 - WHIT	498.9835	590.7933	0	507.2278	10.65574	583.0343	1.25
43	CLARKE CO	501 - BUCK	335.9602	454.868	2.4	340.3477	7.459016	446.6708	2.5
43	CLARKE CO	502 - BLUE	140.9931	163.7525	0	136.1391	9.590164	158.9117	0
45	CRAIG COU	101 - COUF	61	261	0	54	3	267	0
45	CRAIG COU	201 - AMM	75	317	0	71	7	317	1
45	CRAIG COU	301 - GIVEI	76	160	0	73	4	158	0
45	CRAIG COU	303 - MAR	70	125	0	75	4	117	0
45	CRAIG COU	401 - BARB	37	121	0	31	7	121	0
45	CRAIG COU	402 - PAIN	12	24	0	11	0	25	0
45	CRAIG COU	403 - CRAI	40	137	0	40	0	137	1
45	CRAIG COU	501 - CRAI	59	256	0	58	3	256	0
47	CULPEPER	101 - WEST	811.4034	811.8532	0	826.8532	17.76774	796.3987	1.090909
47	CULPEPER	201 - EAST	701.1468	580.3482	2	700.6324	16.72258	573.2378	1.090909
47	CULPEPER	302 - EGGB	248.3451	598.3189	2	242.8146	7.316129	601.7939	0
47	CULPEPER	303 - CARD	183.0475	443.9822	0	182.9132	5.225806	441.0335	1.090909
47	CULPEPER	304 - WILL	142.3703	153.2796	0	145.4748	4.180645	152.2993	0
47	CULPEPER	401 - ELDO	283.6701	565.5488	2	284.5316	6.270968	558.4309	2.181818
47	CULPEPER	402 - BROV	512.747	1020.102	4	523.0675	20.90323	998.4068	1.090909
47	CULPEPER	501 - JEFFE	393.9267	880.5647	1	407.5434	15.67742	857.7415	0
47	CULPEPER	502 - RIXEY	381.0813	838.2807	1	384.0107	17.76774	822.8395	0
47	CULPEPER	601 - MITC	56.73401	155.3938	0	59.90139	0	152.2993	0
47	CULPEPER	602 - PEAR	475.2812	797.0538	1	483.4898	15.67742	781.5918	1.090909
47	CULPEPER	603 - SOUT	164.8498	210.363	1	166.8682	8.36129	199.8929	2.181818
47	CULPEPER	702 - BRAN	332.9109	804.4535	1	340.1543	8.36129	798.5139	1.090909
47	CULPEPER	703 - LIGNI	174.4838	434.4683	0	170.0772	10.45161	430.4572	0
47	CULPEPER	704 - RICH	76.00217	258.9896	1	71.66774	7.316129	258.0628	1.090909
49	CUMBERLA	101 - PREC	268.0813	438.9189	0	276.7085	5	427.9133	0
49	CUMBERLA	201 - PREC	208.6235	435.7838	1	209.0918	11	428.9595	0
49	CUMBERLA	301 - PREC	331.7114	251.8559	0	342.2448	2	243.7746	0
49	CUMBERLA	401 - PREC	183.5887	402.3423	1	193.4879	4	393.3873	0
49	CUMBERLA	501 - PREC	265.995	327.0991	1	270.467	11	315.9653	0
51	DICKENSON	101 - SOUT	218.5327	523.8355	2.5	226.4797	4.545455	518.266	1

51	DICKENSON	201 - NOR	64.96917	176.4046	1.25	61.33825	4.545455	177.4147	1
51	DICKENSON	202 - FRYIN	21.26264	83.89974	0	23.59164	0	82.79353	0
51	DICKENSON	203 - CLINC	90.95684	186.0853	0	88.46863	2.272727	193.5433	0
51	DICKENSON	301 - WEST	14.17509	124.774	0	15.33456	0	123.6527	0
51	DICKENSON	302 - HERA	34.25647	194.6904	0	34.20787	2.272727	195.6938	0
51	DICKENSON	303 - RIDGI	79.14427	309.7836	0	76.67282	0	312.895	0
51	DICKENSON	401 - HAYS	217.3514	332.372	0	217.0431	5.681818	337.6255	0
51	DICKENSON	501 - TARP	59.06289	119.3958	1.25	61.33825	2.272727	116.126	0
51	DICKENSON	502 - NORT	158.2885	394.759	0	154.5252	3.409091	399.9895	1
53	DINWIDDIE	101 - WHIT	91.40853	266.8603	0	96.77868	6.339623	260.5814	0
53	DINWIDDIE	102 - ROCK	152.706	394.3959	1.25	153.7706	2.113208	396.77	0
53	DINWIDDIE	103 - CHUF	179.5909	682.6907	0	178.5029	3.169811	685.2326	1
53	DINWIDDIE	201 - ROHC	257.0193	177.9068	0	266.679	1.056604	171.5762	0
53	DINWIDDIE	202 - SUTH	492.5307	719.1295	0	488.1947	5.283019	717.4031	0
53	DINWIDDIE	301 - REAN	119.3688	218.6325	0	122.5863	4.226415	217.6873	0
53	DINWIDDIE	302 - NEW	225.8328	398.6828	1.25	225.8169	5.283019	397.8424	0
53	DINWIDDIE	303 - LITTL	481.7767	374.0331	0	493.5713	5.283019	366.7442	0
53	DINWIDDIE	401 - DINV	350.5786	534.7923	0	359.1564	6.339623	520.0904	0
53	DINWIDDIE	402 - MCKE	209.7019	260.4299	1.25	211.8378	3.169811	258.4367	0
53	DINWIDDIE	403 - CHER	195.7218	174.6917	0	202.1599	1.056604	169.4315	0
53	DINWIDDIE	501 - EDGE	102.1625	40.72566	0	97.854	3.169811	41.82171	0
53	DINWIDDIE	502 - CHES	821.6014	359.0289	1.25	815.0915	9.509434	361.3824	1
57	ESSEX COU	101 - GREA	381.9238	444.257	0	388.8131	6.24	438.9923	1.333333
57	ESSEX COU	201 - NORT	544.3512	334.2711	1	548.2702	5.2	324.0955	0
57	ESSEX COU	301 - SOUT	367.6566	662.0724	1	376.7992	5.2	654.6946	2.666667
57	ESSEX COU	401 - CENT	406.0684	556.3996	0	416.1174	9.36	545.2176	0
59	FAIRFAX CC	104 - CHAP	949.5414	596.6591	0	944.9969	6.494991	595.5583	1.121495
59	FAIRFAX CC	105 - FAIRV	1759.043	932.9782	1.098958	1796.745	16.23748	881.0232	1.121495
59	FAIRFAX CC	106 - HERIT	1202.297	389.9513	0	1212.234	22.73247	371.6642	1.121495
59	FAIRFAX CC	108 - KING	892.6145	540.7921	2.197917	916.5674	17.31998	503.7617	2.242991
59	FAIRFAX CC	109 - LITTL	576.1007	318.4416	0	573.1389	10.82499	313.4517	0
59	FAIRFAX CC	110 - NORT	1420.897	707.2757	2.197917	1445.356	11.90748	691.8327	0
59	FAIRFAX CC	113 - CANT	1566.63	840.239	5.494792	1626.168	19.48497	784.7487	1.121495
59	FAIRFAX CC	114 - OLDE	713.8639	450.2877	1.098958	734.6186	4.329994	428.7572	1.121495
59	FAIRFAX CC	115 - RAVE	587.4861	410.0635	0	592.471	8.659988	401.8899	0
59	FAIRFAX CC	116 - WAKI	1014.438	478.2211	3.296875	1038.246	10.82499	452.266	0
59	FAIRFAX CC	117 - WOO	996.2215	591.0724	2.197917	1014.365	12.98998	567.5715	2.242991
59	FAIRFAX CC	118 - LAKE	1500.594	646.9393	2.197917	1523.822	20.56747	613.4698	0
59	FAIRFAX CC	119 - LAUR	1525.642	851.4124	1.098958	1556.8	17.31998	817.2134	1.121495
59	FAIRFAX CC	120 - SIDEE	1098.69	839.1217	3.296875	1120.123	14.07248	818.3329	6.728972
59	FAIRFAX CC	121 - VILLA	688.816	403.3594	1.098958	698.2288	17.31998	382.8589	1.121495
59	FAIRFAX CC	123 - ROBII	1453.914	852.5297	3.296875	1469.237	31.39246	809.3771	1.121495
59	FAIRFAX CC	125 - SIGN	1180.665	652.526	0	1202	17.31998	622.4255	1.121495
59	FAIRFAX CC	126 - BONN	950.68	423.4715	2.197917	968.8777	15.15498	398.5315	2.242991
59	FAIRFAX CC	127 - BURK	1625.834	773.1987	4.395833	1660.283	31.39246	724.2973	0
59	FAIRFAX CC	128 - CARD	866.4281	403.3594	1.098958	873.3546	9.742487	388.4562	1.121495
59	FAIRFAX CC	129 - KEEN	687.6775	362.0179	0	695.9544	15.15498	342.5579	0

59 FAIRFAX CC 130 - TERR	876.6749	511.7413	0	890.4123	18.40247	489.2086	0
59 FAIRFAX CC 131 - EAGL	1127.153	559.7869	3.296875	1138.318	19.48497	541.8237	0
59 FAIRFAX CC 132 - MON	1336.645	474.8691	2.197917	1363.479	19.48497	435.474	2.242991
59 FAIRFAX CC 133 - DANE	277.8035	134.0807	0	282.0207	2.164997	128.7391	0
59 FAIRFAX CC 134 - UNIV	1251.254	206.7077	1.098958	1259.996	23.81497	176.8763	0
59 FAIRFAX CC 201 - Arms	1460.745	617.8885	2.197917	1473.786	21.64997	594.4388	1.121495
59 FAIRFAX CC 202 - FLINT	1133.985	751.9692	0	1155.375	15.15498	718.7	1.121495
59 FAIRFAX CC 203 - FLOR	1439.113	782.1374	0	1453.317	20.56747	756.762	0
59 FAIRFAX CC 204 - MAD	316.5138	121.79	1.098958	333.1939	4.329994	105.2302	0
59 FAIRFAX CC 208 - REST	1416.342	414.5328	2.197917	1416.927	24.89747	391.8146	1.121495
59 FAIRFAX CC 209 - REST	1440.252	339.6711	7.692708	1465.826	18.40247	312.3322	5.607477
59 FAIRFAX CC 213 - VIEN	1609.894	795.5454	0	1634.128	12.98998	769.0762	1.121495
59 FAIRFAX CC 214 - VIEN	1251.254	627.9446	5.494792	1270.231	27.06246	598.9167	0
59 FAIRFAX CC 216 - VIEN	644.413	280.4521	0	655.0159	8.659988	264.195	2.242991
59 FAIRFAX CC 218 - VIEN	913.1082	382.13	0	924.5277	6.494991	366.0668	1.121495
59 FAIRFAX CC 219 - WEST	1384.463	706.1583	1.098958	1406.692	18.40247	676.1601	0
59 FAIRFAX CC 220 - DOG	1621.279	505.0373	0	1639.814	20.56747	488.0891	3.364486
59 FAIRFAX CC 221 - HUN	1261.501	550.8482	0	1294.111	15.15498	503.7617	1.121495
59 FAIRFAX CC 222 - REST	1141.955	232.4065	3.296875	1149.689	20.56747	212.6994	1.121495
59 FAIRFAX CC 223 - GLAD	1752.211	536.3228	1.098958	1781.962	29.22746	491.4475	0
59 FAIRFAX CC 224 - SOUT	2137.037	605.5978	6.59375	2149.271	40.05245	567.5715	3.364486
59 FAIRFAX CC 225 - HUG	1615.587	376.5433	2.197917	1617.071	32.47496	357.1111	0
59 FAIRFAX CC 226 - WOLI	1408.373	848.0604	1.098958	1440.808	11.90748	809.3771	2.242991
59 FAIRFAX CC 227 - SUNR	736.6347	367.6046	1.098958	757.3622	8.659988	350.3942	0
59 FAIRFAX CC 229 - FOX	1840.985	1055.133	6.393443	1866.257	24.84965	1023.162	2.181818
59 FAIRFAX CC 233 - NORT	1281.995	712.8623	0	1310.032	6.494991	687.3548	0
59 FAIRFAX CC 234 - ALDR	1226.206	499.4506	1.098958	1239.527	11.90748	481.3723	0
59 FAIRFAX CC 235 - FRYIN	1154.478	357.5485	3.296875	1174.707	17.31998	328.0048	0
59 FAIRFAX CC 236 - STUA	576.1007	259.2227	2.197917	585.6479	7.57749	246.2835	0
59 FAIRFAX CC 237 - MCN	1178.388	336.3191	1.098958	1184.942	29.22746	316.8101	2.242991
59 FAIRFAX CC 238 - CAMI	1188.635	502.8026	2.197917	1175.845	19.48497	502.6422	0
59 FAIRFAX CC 240 - COLV	846.5245	604.075	1.065574	869.8257	8.643357	579.1051	0
59 FAIRFAX CC 301 - CHAI	1087.215	747.9567	2.131148	1116.003	8.643357	723.3092	2.181818
59 FAIRFAX CC 302 - CHES	1031.521	589.6876	1.041322	1048.13	10.82774	564.7319	2.117647
59 FAIRFAX CC 303 - CHUF	544.7814	350.569	0	546.2787	4.321678	345.6319	0
59 FAIRFAX CC 304 - COOF	671.584	479.6058	0	681.09	6.482517	464.6575	0
59 FAIRFAX CC 305 - EL NII	903.29	422.6468	0	915.5554	7.579418	413.9867	0
59 FAIRFAX CC 306 - GREA	665.7135	578.9528	1.065574	681.09	4.321678	566.5159	0
59 FAIRFAX CC 307 - HAYC	1021.308	488.7904	1.041322	1057.194	10.82774	454.4854	0
59 FAIRFAX CC 309 - KENN	1201.102	811.9042	2.131148	1209.785	12.96503	795.4112	2.181818
59 FAIRFAX CC 310 - KIRBY	832.9332	365.4718	1.041322	853.2341	11.91051	338.6141	1.058824
59 FAIRFAX CC 311 - LANG	686.8472	525.2826	3.196721	710.3968	6.482517	500.1362	3.272727
59 FAIRFAX CC 312 - LONG	996.3424	445.0684	0	1007.338	7.579418	431.9861	0
59 FAIRFAX CC 314 - MCLE	898.1848	486.4574	0	894.4434	6.482517	488.6915	1.090909
59 FAIRFAX CC 315 - PIMM	1217.626	541.4812	3.123967	1221.496	25.98658	523.1082	0
59 FAIRFAX CC 316 - SALO	337.0316	220.8526	1.041322	336.5346	2.165548	223.8678	0
59 FAIRFAX CC 317 - WEST	939.6031	438.3419	0	962.013	6.496644	410.6118	1.058824

59 FAIRFAX CC 318 - WEST	601.4368	280.2698	0	602.8162	4.331096	277.8661	0
59 FAIRFAX CC 319 - HERN	1491.486	720.6837	3.296875	1495.392	31.39246	697.4301	2.242991
59 FAIRFAX CC 320 - HERN	1532.473	578.7817	5.494792	1564.76	21.64997	541.8237	3.364486
59 FAIRFAX CC 321 - CLEA	1507.542	823.3234	5.327869	1541.538	30.25175	780.533	0
59 FAIRFAX CC 322 - FORE	879.3993	849.5875	2.131148	886.2375	11.88462	836.6123	1.090909
59 FAIRFAX CC 323 - SHOL	866.4842	527.5664	0	866.3089	9.723776	521.8813	0
59 FAIRFAX CC 324 - HERN	1261.501	445.8183	5.494792	1256.584	28.14496	441.0713	0
59 FAIRFAX CC 325 - HUTC	898.3072	185.4783	1.098958	900.6469	15.15498	179.1153	0
59 FAIRFAX CC 327 - SUGA	1322.034	773.0789	0	1332.873	12.96503	756.499	0
59 FAIRFAX CC 328 - HICK	1015.595	802.7688	3.196721	1056.217	9.723776	763.3658	1.090909
59 FAIRFAX CC 329 - SENE	1114.219	870.142	0	1126.553	15.12587	845.7682	0
59 FAIRFAX CC 331 - SPRIN	776.0787	537.8437	1.065574	804.1785	3.241259	516.1589	0
59 FAIRFAX CC 332 - COAT	1162.448	300.5642	3.296875	1166.747	17.31998	285.465	0
59 FAIRFAX CC 333 - SALO	635.4804	382.2879	2.082645	653.8062	5.41387	367.8632	1.058824
59 FAIRFAX CC 401 - BUSH	1298.196	663.6788	4.165289	1287.216	23.82103	655.854	1.058824
59 FAIRFAX CC 402 - CAMI	482.2842	173.7672	1.041322	477.0406	4.331096	178.8693	0
59 FAIRFAX CC 403 - FORE	528.8105	199.5521	1.041322	532.5631	8.662192	188.9939	1.058824
59 FAIRFAX CC 404 - FRAN	1362.878	467.4899	1.041322	1375.599	16.24161	446.6107	0
59 FAIRFAX CC 405 - GROV	746.6894	211.8839	2.082645	761.452	6.496644	197.9936	4.235294
59 FAIRFAX CC 406 - HAYF	861.3029	630.0464	1.041322	894.0262	11.91051	591.731	0
59 FAIRFAX CC 408 - MOU	1068.969	292.6016	2.082645	1084.389	17.32438	265.4915	0
59 FAIRFAX CC 409 - PION	1381.035	445.0684	1.041322	1393.729	9.744966	430.8612	0
59 FAIRFAX CC 410 - ROSE	1541.04	790.3607	5.206612	1570.495	25.98658	748.101	0
59 FAIRFAX CC 411 - VIRGI	896.4812	355.382	3.123967	911.0229	12.99329	331.8643	1.058824
59 FAIRFAX CC 413 - FAIRF	871.5159	131.1662	0	895.1593	3.248322	112.4964	0
59 FAIRFAX CC 415 - CRES	910.0987	432.7365	3.123967	914.4222	16.24161	417.3616	3.176471
59 FAIRFAX CC 417 - GARF	1228.974	513.4542	1.041322	1243.025	8.662192	506.2338	1.058824
59 FAIRFAX CC 418 - LYNB	748.959	243.2741	1.041322	755.7864	4.331096	238.4923	0
59 FAIRFAX CC 419 - LANE	1404.866	421.5257	1.041322	1414.125	18.40716	397.1123	2.117647
59 FAIRFAX CC 420 - VILLA	1578.488	597.5351	5.206612	1595.423	24.9038	563.6069	2.117647
59 FAIRFAX CC 421 - KING	1341.318	476.4586	0	1362.002	10.82774	448.8606	1.058824
59 FAIRFAX CC 422 - VAN I	1385.574	519.0596	1.041322	1403.927	15.15884	492.7342	1.058824
59 FAIRFAX CC 423 - CLERI	1062.16	516.8174	5.206612	1079.857	15.15884	496.1091	1.058824
59 FAIRFAX CC 424 - HUN	1098.473	498.8802	2.082645	1116.116	18.40716	471.3599	0
59 FAIRFAX CC 426 - GREE	865.2896	468.1651	0	879.0405	1.082499	458.9829	1.121495
59 FAIRFAX CC 427 - ISLAN	1044.003	404.7095	2.082645	1054.928	14.07606	385.8626	1.058824
59 FAIRFAX CC 428 - PINE	1232.378	219.7315	1.041322	1246.424	10.82774	202.4935	1.058824
59 FAIRFAX CC 429 - HYBL	1214.221	202.9153	0	1209.032	9.744966	201.3685	1.058824
59 FAIRFAX CC 501 - BAILE	1371.957	383.409	2.082645	1399.395	10.82774	364.4883	1.058824
59 FAIRFAX CC 502 - BARC	629.612	275.9828	0	645.9185	1.082499	259.7171	0
59 FAIRFAX CC 503 - BELVI	732.0805	264.8094	1.098958	734.6186	8.659988	256.3587	0
59 FAIRFAX CC 504 - BRIST	898.3072	310.6203	1.098958	918.8418	7.57749	297.7791	1.121495
59 FAIRFAX CC 505 - GLEN	1117.765	312.781	2.082645	1118.383	11.91051	305.9902	2.117647
59 FAIRFAX CC 506 - HOLN	201.992	43.72208	0	207.3597	3.248322	39.37374	0
59 FAIRFAX CC 507 - LINCC	1294.791	409.1938	0	1321.21	6.496644	380.2378	0
59 FAIRFAX CC 508 - MASC	1132.846	461.4611	5.494792	1138.318	25.97996	438.8324	1.121495
59 FAIRFAX CC 509 - PLAZ	469.8016	80.71769	2.082645	467.9757	3.248322	82.12236	1.058824

59 FAIRFAX CC 510 - PARK	862.4377	350.8977	1.041322	874.7633	4.331096	337.4892	1.058824
59 FAIRFAX CC 511 - RAVE	1067.949	434.6449	2.197917	1086.007	15.15498	411.9651	0
59 FAIRFAX CC 512 - SLEEF	621.6422	280.4521	1.098958	636.821	8.659988	263.0755	0
59 FAIRFAX CC 513 - SAINI	1018.953	456.4316	0	1035.811	7.578041	438.504	0
59 FAIRFAX CC 514 - CROS	569.6628	99.77603	2.082645	581.287	4.331096	93.372	0
59 FAIRFAX CC 515 - WEST	691.0849	214.1261	1.041322	700.2639	10.82774	203.6185	0
59 FAIRFAX CC 516 - WEYF	1200.604	363.2296	2.082645	1203.366	14.07606	357.7385	2.117647
59 FAIRFAX CC 517 - WILLI	655.9065	181.6148	2.082645	673.0692	6.496644	181.1192	0
59 FAIRFAX CC 518 - COLU	954.0956	423.4715	2.197917	959.7803	14.07248	407.4872	1.121495
59 FAIRFAX CC 519 - HUM	640.9974	319.559	0	650.4672	7.57749	304.4959	0
59 FAIRFAX CC 520 - SKYLI	947.5466	202.9153	1.041322	941.617	10.82774	195.7437	1.058824
59 FAIRFAX CC 521 - BROCK	752.3634	385.6512	1.041322	772.7831	11.91051	365.6133	0
59 FAIRFAX CC 522 - CAMI	582.9319	356.4312	0	595.8825	5.412493	341.4385	0
59 FAIRFAX CC 523 - POE	967.9728	436.0997	1.041322	984.6753	7.579418	415.1117	3.176471
59 FAIRFAX CC 525 - WALI	1219.895	514.5753	1.041322	1229.428	16.24161	500.6089	0
59 FAIRFAX CC 526 - BREN	1371.957	383.409	1.041322	1407.326	10.82774	355.4886	1.058824
59 FAIRFAX CC 527 - EDSA	778.4635	298.207	2.082645	786.3805	4.331096	287.9908	2.117647
59 FAIRFAX CC 528 - RIDGI	510.0654	282.6868	2.197917	515.1427	10.82499	267.5534	1.121495
59 FAIRFAX CC 530 - HOLN	761.6825	176.5396	0	771.0083	9.742487	163.4427	0
59 FAIRFAX CC 601 - BELLE	753.4982	533.6336	1.041322	760.3189	4.331096	525.3581	0
59 FAIRFAX CC 602 - BELLE	966.838	412.5571	3.123967	967.6786	8.662192	410.6118	1.058824
59 FAIRFAX CC 604 - BUCK	1342.452	386.7723	2.082645	1365.401	24.9038	352.1137	0
59 FAIRFAX CC 605 - FORT	889.6725	632.2886	0	914.4222	10.82774	602.9806	2.117647
59 FAIRFAX CC 606 - HOLL	1093.934	602.0194	4.165289	1091.188	16.24161	600.7307	3.176471
59 FAIRFAX CC 607 - HUNN	1536.501	512.3331	2.082645	1555.764	29.2349	473.6098	2.117647
59 FAIRFAX CC 608 - KIRKS	912.3683	354.261	0	924.6203	7.579418	343.114	0
59 FAIRFAX CC 609 - MARI	851.0898	548.2076	2.082645	853.2341	11.91051	542.2326	1.058824
59 FAIRFAX CC 610 - SHER	801.1592	330.7183	1.041322	811.309	9.744966	316.1149	1.058824
59 FAIRFAX CC 611 - STRA	1096.204	710.7641	1.041322	1124.048	8.662192	679.4782	1.058824
59 FAIRFAX CC 612 - WAYI	533.3496	357.6242	1.041322	541.628	3.248322	347.6138	1.058824
59 FAIRFAX CC 613 - WEST	1029.251	1121.079	4.165289	1053.795	16.24161	1092.34	2.117647
59 FAIRFAX CC 614 - RIVEF	760.3069	570.6292	2.082645	786.3805	11.91051	544.4825	2.117647
59 FAIRFAX CC 615 - WOO	996.3424	600.8983	2.082645	1015.269	18.40716	579.3564	0
59 FAIRFAX CC 616 - GUNN	744.4199	639.015	0	748.9877	16.24161	624.355	0
59 FAIRFAX CC 617 - LORT	848.8202	206.2785	0	875.8964	2.165548	181.1192	0
59 FAIRFAX CC 618 - NEWI	1811.415	924.0394	1.098958	1861.564	30.30996	854.1559	0
59 FAIRFAX CC 619 - BELVI	1213.087	623.3199	1.041322	1243.025	10.82774	589.4811	0
59 FAIRFAX CC 621 - GROS	861.3029	247.7585	3.123967	877.0295	11.91051	227.2427	2.117647
59 FAIRFAX CC 622 - LORT	1328.835	355.382	2.082645	1337.073	18.40716	330.7394	1.058824
59 FAIRFAX CC 623 - ALBA	1126.843	431.6154	2.082645	1144.444	25.98658	400.4871	1.058824
59 FAIRFAX CC 626 - SARA	1261.882	700.6744	3.123967	1308.746	14.07606	652.4791	1.058824
59 FAIRFAX CC 627 - WOO	1382.17	420.4046	0	1401.661	11.91051	404.987	0
59 FAIRFAX CC 628 - LAUR	1497.179	489.3945	2.197917	1520.41	12.98998	457.8634	3.364486
59 FAIRFAX CC 629 - SOUT	979.1434	703.9236	1.098958	999.5816	9.742487	683.9964	0
59 FAIRFAX CC 630- ARMY	273.4835	151.3457	0	275.3465	2.165548	150.7452	0
59 FAIRFAX CC 701 - BLAKI	1719.194	624.5926	2.197917	1737.612	19.48497	600.0361	1.121495
59 FAIRFAX CC 703 - FORT	789.8113	223.0947	3.123967	805.6434	14.07606	202.4935	0

59 FAIRFAX CC 704 - FREEI	905.1384	374.3086	1.098958	922.2533	6.494991	355.9916	1.121495
59 FAIRFAX CC 705 - GRAF	1491.109	501.1223	0	1521.771	25.98658	457.8603	2.117647
59 FAIRFAX CC 707 - MAN	923.355	465.9304	0	939.311	7.57749	452.266	0
59 FAIRFAX CC 708 - MAR	1990.415	588.5665	5.206612	2038.47	28.15213	525.3581	2.117647
59 FAIRFAX CC 709 - MOSI	1219.375	400.0074	5.494792	1237.252	18.40247	380.6199	3.364486
59 FAIRFAX CC 710 - PINE	923.7161	329.5972	2.082645	937.0845	20.57271	305.9902	0
59 FAIRFAX CC 711 - PRICE	850.4885	405.5941	1.098958	864.2571	11.90748	385.0978	1.121495
59 FAIRFAX CC 712 - SHRE	678.6023	299.3281	0	692.3321	9.744966	283.4909	1.058824
59 FAIRFAX CC 713 - TIMB	1295.926	383.409	1.041322	1328.009	10.82774	352.1137	1.058824
59 FAIRFAX CC 714 - WAL	1229.622	481.5732	0	1232.704	20.56747	462.3413	0
59 FAIRFAX CC 717 - WOO	781.0377	280.4521	2.197917	783.5173	16.23748	275.3897	0
59 FAIRFAX CC 718 - PINE	867.5666	375.4259	1.098958	879.0405	15.15498	354.8721	2.242991
59 FAIRFAX CC 720 - THOR	1271.748	555.3175	3.296875	1278.191	20.56747	530.629	4.485981
59 FAIRFAX CC 721 - MERF	1447.083	381.0126	5.494792	1457.865	32.47496	349.2748	1.121495
59 FAIRFAX CC 723 - GALL	692.2316	198.8864	0	686.857	11.90748	195.9073	0
59 FAIRFAX CC 726 - MAG	1353.8	480.9429	1.041322	1368.801	22.73826	452.2355	1.058824
59 FAIRFAX CC 727 - OAKT	884.6447	607.8325	1.098958	894.961	12.98998	592.1998	0
59 FAIRFAX CC 729 - NOTT	1399.264	562.0216	2.197917	1430.573	22.73247	518.3148	2.242991
59 FAIRFAX CC 730 - PEND	1237.592	591.0724	1.098958	1239.527	15.15498	581.0051	0
59 FAIRFAX CC 731 - TYSO	859.5969	272.6307	3.296875	851.7481	17.31998	266.434	1.121495
59 FAIRFAX CC 732 - OAK I	1241.007	801.1321	1.098958	1258.859	22.73247	769.0762	0
59 FAIRFAX CC 733 - KILMI	1617.864	589.955	1.098958	1636.403	16.23748	560.8547	1.121495
59 FAIRFAX CC 734 - HUN	832.2719	293.8602	1.098958	842.6507	12.98998	277.6287	1.121495
59 FAIRFAX CC 735 - ROTC	490.7103	200.0037	3.296875	494.6735	6.494991	194.7878	2.242991
59 FAIRFAX CC 801 - BURK	1700.977	787.7241	5.494792	1737.612	21.64997	747.8062	2.242991
59 FAIRFAX CC 802 - CEDA	422.3979	156.4275	0	428.717	6.494991	144.4117	0
59 FAIRFAX CC 803 - CLIFT	1158.835	1368.019	0	1179.306	17.28671	1336.749	2.181818
59 FAIRFAX CC 804 - COLC	572.9597	582.3785	1.065574	594.3418	4.321678	556.2156	1.090909
59 FAIRFAX CC 805 - FAIRF	529.5181	491.025	2.131148	542.7619	9.723776	471.5243	0
59 FAIRFAX CC 806 - SYDEI	1211.405	746.3825	1.098958	1224.743	16.23748	722.0584	1.121495
59 FAIRFAX CC 807 - HUN	778.7606	526.2667	2.197917	788.066	10.82499	513.8369	0
59 FAIRFAX CC 811 - POHI	827.7178	296.0949	1.098958	838.102	5.412493	283.226	4.485981
59 FAIRFAX CC 812 - VALLI	1062.257	595.5417	1.098958	1067.812	10.82499	584.3635	0
59 FAIRFAX CC 815 - WOO	785.4714	869.0001	0	810.0399	8.643357	837.7568	2.181818
59 FAIRFAX CC 824 - ORAN	1459.607	937.4475	2.197917	1502.215	30.30996	869.8285	2.242991
59 FAIRFAX CC 825 - CHER	1022.408	671.5208	2.197917	1051.892	7.57749	642.576	1.121495
59 FAIRFAX CC 827 - IRVIN	1050.871	610.0672	1.098958	1080.321	9.742487	577.6467	2.242991
59 FAIRFAX CC 833 - WHIT	1066.811	498.3332	4.395833	1076.91	16.23748	489.2086	2.242991
59 FAIRFAX CC 838 - SANG	777.2528	626.9133	3.196721	803.0062	7.562937	604.2836	0
59 FAIRFAX CC 839 - SILVE	1124.786	970.6309	1.065574	1160.549	14.04545	924.737	3.272727
59 FAIRFAX CC 840 - WEST	1120.322	641.3526	3.296875	1136.043	16.23748	619.0671	2.242991
59 FAIRFAX CC 841 - POPE	518.9512	520.7149	2.131148	513.4551	10.8042	519.5923	0
59 FAIRFAX CC 842 - PARK	787.8689	606.7151	4.395833	819.9071	7.57749	585.483	0
59 FAIRFAX CC 843 - FAIR	1195.466	566.4909	3.296875	1212.234	20.56747	535.1068	1.121495
59 FAIRFAX CC 844 - CENT	952.957	326.263	3.296875	962.0546	16.23748	417.5625	0
59 FAIRFAX CC 845 - FOUN	1176.446	1188.737	0	1196.89	10.8042	1168.511	0
59 FAIRFAX CC 846 - GREE	1266.055	528.5014	2.197917	1262.27	21.64997	512.7174	2.242991

59	FAIRFAX CC847 - GREE	855.9173	485.3154	2.131148	873.3425	14.04545	456.6461	0
59	FAIRFAX CC848 - FAIR	1023.546	458.109	1.098958	1033.697	14.07248	441.0713	2.242991
59	FAIRFAX CC849 - NEW	1561.55	1385.147	2.131148	1607.185	20.52797	1332.171	0
59	FAIRFAX CC850 - SOUT	962.7602	798.2011	0	997.6034	6.482517	767.9438	1.090909
59	FAIRFAX CC851 - WILL	868.7052	612.3018	0	875.6289	6.494991	601.1556	1.121495
59	FAIRFAX CC901 - CENT	1081.612	434.6449	0	1101.928	18.40247	401.8899	0
59	FAIRFAX CC902 - BROC	1450.011	641.7583	1.065574	1453.617	21.60839	623.7397	2.181818
59	FAIRFAX CC903 - CUB	1320.86	854.1552	3.196721	1331.701	29.17133	822.8786	3.272727
59	FAIRFAX CC904 - STON	457.8982	374.5493	0	468.9088	9.723776	357.0767	0
59	FAIRFAX CC905 - FRAN	381.5818	227.2418	0	388.022	10.8042	209.4392	1.090909
59	FAIRFAX CC908 - HIDD	860.6137	586.9462	1.065574	887.4098	8.643357	558.5045	1.090909
59	FAIRFAX CC909 - OAK	892.3143	495.5927	1.065574	934.3007	12.96503	447.4903	0
59	FAIRFAX CC910 - LOND	1293.38	529.6187	3.296875	1317.992	20.56747	494.8059	2.242991
59	FAIRFAX CC911 - NAVY	1291.508	723.9764	1.065574	1310.6	18.36713	694.6973	1.090909
59	FAIRFAX CC913 - ROCK	1380.739	994.6112	1.065574	1410.243	21.60839	961.3603	1.090909
59	FAIRFAX CC914 - VALE	899.3589	586.9462	2.131148	914.3721	14.04545	565.3714	0
59	FAIRFAX CC915 - VIRG	765.5118	858.7228	3.196721	772.5272	12.96503	845.7682	0
59	FAIRFAX CC916 - WAPI	1575.639	1115.655	3.196721	1600.151	14.04545	1095.264	1.090909
59	FAIRFAX CC917 - STON	752.5967	376.8332	1.065574	759.6322	17.28671	357.0767	3.272727
59	FAIRFAX CC918 - CENT	1554.106	608.9498	3.296875	1555.663	28.14496	584.3635	0
59	FAIRFAX CC919 - GREE	1436.836	627.9446	1.098958	1447.631	25.97996	601.1556	2.242991
59	FAIRFAX CC920 - CHAN	1032.032	536.7018	0	1052.7	11.88462	504.7142	1.090909
59	FAIRFAX CC921 - DEER	1051.992	876.9935	2.131148	1073.801	27.01049	836.6123	2.181818
59	FAIRFAX CC923 - BULL	595.2676	735.3956	0	633.0268	7.562937	698.1307	0
59	FAIRFAX CC924 - SPIN	713.8639	236.8759	0	711.8749	11.90748	228.372	0
59	FAIRFAX CC925 - OLD	619.9237	367.6978	1.065574	624.8209	14.04545	349.0653	1.090909
59	FAIRFAX CC926 - POW	1423.174	593.3071	2.197917	1427.161	30.30996	567.5715	0
59	FAIRFAX CC927 - ARMI	662.1912	348.2852	0	671.7118	9.723776	328.4648	0
59	FAIRFAX CC928 - POPL	1030.858	688.577	0	1052.7	10.8042	659.2185	3.272727
59	FAIRFAX CC929 - DIFF	228.9491	219.2484	0	232.1098	2.160839	214.0171	0
59	FAIRFAX CC930 - LEES	854.7432	500.1604	0	859.2753	18.36713	480.6801	0
59	FAIRFAX CC931 - CARS	952.1933	422.5099	1.065574	949.5402	12.96503	413.156	2.181818
59	FAIRFAX CC932 - STON	576.482	210.113	1.065574	580.2746	11.88462	195.7055	1.090909
59	FAIRFAX CC933 - COM	237.9546	158.6622	0	246.7682	4.329994	146.6506	0
61	FAUQUIER 101 - KETT	180.4522	490.539	2.206897	190.0025	8.543689	480.4632	0
61	FAUQUIER 102 - CATL	359.5383	1000.511	0	360.9977	14.58333	991.1724	1
61	FAUQUIER 103 - CASA	267.3773	388.567	2.206897	270.1769	4.271845	382.6508	1
61	FAUQUIER 104 - LOIS	202.438	419.9418	0	208.3894	5.208333	418.3315	0
61	FAUQUIER 105 - OPAL	177.1512	426.1356	2.206897	172.43	7.475728	426.7201	0
61	FAUQUIER 106 - BALD	321.2929	508.7866	1.103448	326.1892	17.08738	490.137	1
61	FAUQUIER 201 - COUF	766.9218	851.1978	3.310345	775.3857	21.35922	776.0502	0
61	FAUQUIER 202 - AIRL	571.0652	788.9413	2.206897	593.0713	11.74757	764.2267	0
61	FAUQUIER 203 - WARI	733.9123	756.7396	1.103448	734.7494	21.35922	747.029	0
61	FAUQUIER 301 - MORI	244.6126	613.115	3	231.5437	14.58333	618.0375	0
61	FAUQUIER 302 - REMI	481.9394	825.4365	0	484.3415	16.01942	812.5955	0
61	FAUQUIER 303 - BEAL	570.4112	851.432	3	583.0692	15.625	832.4587	0
61	FAUQUIER 401 - MAR	568.8645	818.9962	3.310345	578.7936	18.15534	798.6223	0

61	FAUQUIER 402 - LEED	642.5859	732.0516	1.103448	647.9853	12.81553	724.4569	0
61	FAUQUIER 403 - WATI	606.2754	1065.876	3.310345	596.3661	22.42718	1060.889	0
61	FAUQUIER 404 - SPRIN	278.3805	473.3648	1.103448	289.9459	6.407767	463.2654	1
61	FAUQUIER 501 - THE F	628.2817	624.7127	3.310345	634.8059	8.543689	621.2701	0
61	FAUQUIER 502 - NEW	474.2372	857.6382	3.310345	478.8501	13.8835	842.6917	1
61	FAUQUIER 503 - BROA	470.9362	801.8219	2.206897	482.145	10.67961	783.5743	2
61	FAUQUIER 504 - VINT	782.3263	1319.196	0	790.7617	19.2233	1297.358	0
63	FLOYD COL 101 - LOCU	355.3844	723.32	0	348.9069	11.31429	720.137	0
63	FLOYD COL 201 - LITTL	507.2101	761.84	1	521.1093	17.48571	742.6078	1.25
63	FLOYD COL 301 - COUF	448.7291	599.2	1	462.583	18.51429	574.6115	2.5
63	FLOYD COL 401 - BURK	321.6454	698.71	1	323.0202	13.37143	692.316	0
63	FLOYD COL 501 - INDIA	289.031	747.93	1	290.3806	11.31429	738.3277	1.25
65	FLUVANNA 101 - PALM	1000.958	1015.902	0	1019.48	25.57471	978.8977	1
65	FLUVANNA 201 - COLU	672.1036	804.0291	2	656.8018	13.29885	815.5666	0
65	FLUVANNA 301 - FORK	678.7471	768.1737	1	686.6564	13.29885	754.5897	1
65	FLUVANNA 401 - CUNN	746.2897	1203.871	0	762.9515	21.48276	1177.073	1
65	FLUVANNA 501 - RIVAI	1144.901	1143.025	1	1141.11	15.34483	1137.873	2
67	FRANKLIN (102 - BURN	349.448	900.3603	1.125	366.4412	15.78534	880.285	0
67	FRANKLIN (103 - SCRU	598.7492	1660.105	1.125	620.7065	24.20419	1630.623	0
67	FRANKLIN (201 - GLAD	243.9743	718.8191	2.25	243.5819	7.366492	719.9474	1.111111
67	FRANKLIN (202 - PENH	258.8898	632.7707	0	280.9739	5.26178	614.1036	0
67	FRANKLIN (203 - HODC	59.66185	104.9371	0	50.21206	1.052356	115.2754	0
67	FRANKLIN (204 - DUDL	199.2279	433.3902	0	204.0533	4.209424	427.567	0
67	FRANKLIN (301 - SNOV	116.1275	374.6255	0	121.791	7.366492	365.7374	1.111111
67	FRANKLIN (302 - FORK	90.55816	322.1569	0	87.60402	5.26178	325.915	0
67	FRANKLIN (303 - SONT	348.3826	395.6129	2.25	332.2543	12.62827	410.7997	1.111111
67	FRANKLIN (304 - DICKI	177.9201	198.3311	0	182.6864	6.314136	194.9202	0
67	FRANKLIN (401 - HENR	142.7623	615.9808	2.25	146.3628	8.418848	608.8638	1.111111
67	FRANKLIN (402 - FERRI	135.3045	326.3544	1.125	136.7477	2.104712	325.915	0
67	FRANKLIN (403 - ENDI	136.3699	339.9962	1.125	134.6111	3.157068	341.6344	0
67	FRANKLIN (501 - WAIC	151.2854	395.6129	1.125	164.5246	4.209424	385.6487	0
67	FRANKLIN (502 - CALL	196.0318	593.944	0	200.8482	6.314136	584.7607	1.111111
67	FRANKLIN (503 - BOW	148.0892	304.3176	0	162.3879	7.366492	285.0447	1.111111
67	FRANKLIN (504 - GOGC	190.7048	519.4387	1.125	189.0965	11.57592	518.7394	0
67	FRANKLIN (601 - BOON	306.8323	738.7572	1.125	306.6141	30.51832	720.9953	2.222222
67	FRANKLIN (602 - BONE	252.4975	655.8569	0	244.6503	7.366492	662.3096	0
67	FRANKLIN (603 - COOF	148.0892	550.9198	0	150.6362	3.157068	552.274	0
67	FRANKLIN (701 - ROCK	368.625	622.277	2.25	372.8513	13.68063	618.2954	0
67	FRANKLIN (702 - ROCK	318.5516	398.761	0	324.7759	4.209424	397.1762	1.111111
67	FRANKLIN (703 - ROCK	291.9169	375.6748	1.125	290.5889	9.471204	375.1691	0
69	FREDERICK 101 - RUSS	240.0392	803.2201	1	240.473	15.44444	790.7808	0
69	FREDERICK 102 - GORE	266.3593	767.7993	1	264.6253	10.2963	761.5699	2
69	FREDERICK 103 - KERN	525.349	898.023	1	512.449	11.32593	899.2785	3
69	FREDERICK 104 - CEDA	230.564	517.7697	1	232.0722	5.148148	516.407	0
69	FREDERICK 201 - GAIN	148.4453	562.5666	1	143.8638	5.148148	566.4828	0
69	FREDERICK 202 - ALBIN	350.5836	767.7993	0	336.0321	14.41481	770.9592	0
69	FREDERICK 203 - REDL	440.0719	953.2379	0	433.6915	12.35556	951.4408	3

69	FREDERICK 204 - NAIN	405.3294	849.0589	1	403.2386	10.2963	839.8134	2
69	FREDERICK 301 - CLEAI	180.0294	489.6413	1	173.2666	12.35556	490.3258	0
69	FREDERICK 302 - NEFF'	584.306	757.3814	1	583.8559	23.68148	738.6185	0
69	FREDERICK 303 - WHIT	516.9266	1056.375	1	529.2506	10.2963	1042.203	0
69	FREDERICK 401 - CARP	467.4448	813.638	0	477.7957	12.35556	791.8241	0
69	FREDERICK 402 - SHEN	195.8215	394.8384	1	196.3688	4.118519	396.4337	0
69	FREDERICK 403 - PARK	423.2271	710.5008	0	412.6895	25.74074	697.9319	0
69	FREDERICK 404 - ARMI	422.1743	736.5456	1	427.3909	10.2963	721.9266	2
69	FREDERICK 501 - STEPI	483.2369	803.2201	1	498.7977	8.237037	783.4781	1
69	FREDERICK 502 - NEW'	520.085	907.3991	4	521.8999	19.56296	894.0622	4
69	FREDERICK 503 - CANT	548.5107	902.1902	0	534.5011	12.35556	912.8407	0
69	FREDERICK 601 - MILLI	291.6266	471.9309	0	304.5291	8.237037	453.8122	0
69	FREDERICK 602 - ASH I	448.4943	559.4413	0	441.0422	18.53333	555.0071	0
69	FREDERICK 603 - GREE	685.3752	1107.423	3	695.1665	27.8	1080.803	1
71	GILES COUI101 - GLEN	17.33596	51.01323	0	13.04949	0	55.21102	0
71	GILES COUI102 - RICH	70.42735	255.0661	0	76.12203	3	252.6966	0
71	GILES COUI103 - NARR	310.9638	804.5211	0	302.3132	10	828.1653	0
71	GILES COUI201 - PEAR	407.3951	1124.417	0	390.3973	15	1148.814	0
71	GILES COUI202 - STAFI	54.17488	201.9274	0	64.16	0	193.2386	1
71	GILES COUI203 - WHIT	29.25444	144.5375	0	28.2739	3	142.2746	0
71	GILES COUI301 - EGGL	156.0237	317.7699	0	150.0692	7	319.5869	0
71	GILES COUI302 - PEME	338.0513	787.5167	1	318.6251	15	815.4243	0
71	GILES COUI303 - NEWI	264.3734	410.2314	1	260.9898	13	405.5887	2
73	GLOUCESTI101 - HARC	278.9488	663.9461	0	303.5355	14.84848	624.5574	0
73	GLOUCESTI102 - SALEI	235.1293	541.6127	0	244.9584	15.90909	523.0799	0
73	GLOUCESTI103 - PEASI	174.2094	402.55	2	176.7961	9.545455	393.3561	1
73	GLOUCESTI201 - COUF	422.1639	695.3136	2	449.4455	5.30303	683.1423	1
73	GLOUCESTI202 - BOTE	515.1468	946.2539	1	523.998	15.90909	932.1283	0
73	GLOUCESTI301 - WHIT	369.7942	724.59	0	386.6083	7.424242	708.2502	0
73	GLOUCESTI302 - ROAN	446.7456	952.5274	1	495.2421	11.66667	905.9744	0
73	GLOUCESTI401 - HAYE	469.1898	830.194	0	497.3721	19.09091	796.1276	1
73	GLOUCESTI402 - SARA	441.4018	714.1341	0	450.5105	10.60606	693.6039	1
73	GLOUCESTI501 - ACHII	422.1639	1203.468	0	440.9252	13.78788	1185.299	0
73	GLOUCESTI502 - WALK	359.1065	743.4105	0	386.6083	15.90909	713.481	0
75	GOOCHLAN101 - FIFE	282.2815	399.2583	2	287.1751	10.50505	387.9687	0
75	GOOCHLAN102 - HADE	412.5652	699.764	1	421.5514	12.60606	679.211	2
75	GOOCHLAN201 - THRE	182.3972	159.2786	0	178.8071	4.20202	159.4392	0
75	GOOCHLAN202 - SAND	649.2473	836.7436	0	662.1283	15.75758	812.0769	0
75	GOOCHLAN301 - GOO(	402.7939	625.434	1	410.7146	9.454545	607.9948	3
75	GOOCHLAN302 - GOO(	154.1691	287.7633	0	153.8825	3.151515	288.0535	0
75	GOOCHLAN401 - SHAL	407.1367	593.5782	0	422.6351	14.70707	566.5406	0
75	GOOCHLAN402 - CENT	460.3359	1210.517	3	487.6559	14.70707	1177.724	0
75	GOOCHLAN501 - MAN.	533.0777	1159.548	1	555.9277	14.70707	1128.829	0
75	GOOCHLAN502 - BLAIF	303.9954	740.1145	0	330.5223	4.20202	712.1617	1
77	GRAYSON (101 - BRIDI	62.07121	154.7735	1	58.0627	1.076923	159.8715	0
77	GRAYSON (102 - FLATI	23.54425	106.0092	1	24.73041	3.230769	105.8752	0
77	GRAYSON (103 - GRAN	59.93082	151.5932	0	64.51411	1.076923	150.3428	0

77	GRAYSON (104 - MOU	55.65005	98.5886	0	53.76176	1.076923	101.6402	0
77	GRAYSON (105 - MOU	28.89522	126.151	0	30.10658	0	130.2265	0
77	GRAYSON (106 - RUGE	29.96541	125.0909	0	27.95611	1.076923	129.1677	0
77	GRAYSON (107 - TROL	14.98271	82.68721	0	10.75235	2.153846	88.93516	0
77	GRAYSON (108 - COMI	41.73754	122.9707	0	40.85893	1.076923	122.8152	0
77	GRAYSON (202 - ELK C	84.54527	237.4607	0	78.49216	2.153846	241.3954	1
77	GRAYSON (203 - INDEI	214.0387	633.9353	0	207.5204	4.307692	641.6037	1
77	GRAYSON (301 - BAYM	94.17701	372.0924	0	94.62069	1.076923	371.6219	0
77	GRAYSON (302 - FAIR\	108.0895	470.681	1	103.2226	6.461538	474.3209	0
77	GRAYSON (401 - FRIES	71.70295	166.4345	1	75.26646	0	163.0478	0
77	GRAYSON (402 - PROV	103.8087	424.037	1	94.62069	2.153846	435.147	0
77	GRAYSON (403 - OLDT	58.86063	167.4946	0	64.51411	1.076923	161.989	0
79	GREENE CC 101 - DYKE	215.7251	420.9037	0	205.8643	4.35443	431.468	1
79	GREENE CC 102 - SWIF	278.5997	510.4806	1	270.874	10.88608	513.6523	0
79	GREENE CC 201 - RUCK	530.0983	977.7916	1	529.8296	21.77215	971.0733	0
79	GREENE CC 301 - STAN	531.1823	947.5729	0	500.5752	21.77215	964.585	1
79	GREENE CC 401 - MIDV	727.3946	1120.251	0	711.8569	27.21519	1119.221	2
81	GREENSVIL 101 - PREC	182	105.0862	0	188	3	100.0812	0
81	GREENSVIL 102 - PREC	49	74.06076	0	46	1	79.06418	0
81	GREENSVIL 103 - PREC	157	35.02874	0	157	3	34.02762	0
81	GREENSVIL 201 - PREC	258	107.0878	0	256	0	111.0902	0
81	GREENSVIL 202 - PREC	195	252.2069	0	182	2	266.2161	0
81	GREENSVIL 302 - PREC	484	269.2209	1	488	3	267.2169	0
81	GREENSVIL 401 - PREC	65	141.1158	0	63	1	142.1154	0
81	GREENSVIL 402 - PREC	205	139.1141	0	206	1	138.1121	0
81	GREENSVIL 403 - PREC	56	96.07882	0	57	4	94.07636	0
83	HALIFAX C(101 - CHIL	213.889	283.4254	1	221.3636	5.197368	278.177	0
83	HALIFAX C(102 - LIBER	96.45973	167.9558	0	95.46959	0	167.9559	0
83	HALIFAX C(103 - REPU	222.2768	280.2762	0	219.2653	5.197368	285.5251	0
83	HALIFAX C(201 - CLAY	104.8475	273.9779	0	101.7643	4.157895	276.0776	0
83	HALIFAX C(202 - CROS	123.7201	235.1381	0	124.8449	2.078947	241.4367	0
83	HALIFAX C(203 - CLOV	242.1978	296.0221	0	243.395	5.197368	302.3207	0
83	HALIFAX C(302 - MEAL	142.5927	69.28177	0	145.8272	1.039474	69.28183	0
83	HALIFAX C(304 - VERN	127.914	272.9282	0	132.1887	1.039474	273.9781	0
83	HALIFAX C(305 - SINAI	397.3722	271.8785	1	390.2713	7.276316	280.2765	2
83	HALIFAX C(401 - COUF	311.3972	353.7569	1	314.7349	3.118421	349.5583	0
83	HALIFAX C(403 - CENT	183.4832	472.3757	0	186.7427	8.315789	465.028	0
83	HALIFAX C(502 - DAN	267.3612	599.3923	0	267.5247	6.236842	597.2933	0
83	HALIFAX C(503 - SCOT	83.87803	350.6077	0	90.22401	4.157895	345.3594	0
83	HALIFAX C(601 - BLAC	171.95	339.0608	0	161.5639	4.157895	350.608	1
83	HALIFAX C(603 - MT C	339.706	439.8343	0	346.2084	10.39474	435.6357	1
83	HALIFAX C(605 - UNIO	73.39328	158.5083	0	78.68373	1.039474	154.3095	0
83	HALIFAX C(701 - HYCC	185.5801	480.7735	1	179.3989	2.078947	493.3706	0
83	HALIFAX C(702 - MIDV	74.44175	395.7459	0	75.53638	3.118421	391.5473	1
83	HALIFAX C(703 - VIRGI	73.39328	249.8343	0	73.43815	0	250.8842	1
83	HALIFAX C(801 - SOUT	587.1462	279.2265	1	588.5543	5.197368	282.3759	1
85	HANOVER (101 - ASHL	606.4492	477.5298	2.03125	625.7323	10.52724	457.7978	0

85 HANOVER	104 - SLIDII	542.8356	681.7366	2.03125	538.9132	29.47627	657.8878	0
85 HANOVER	105 - BERK	603.2685	362.3362	1.015625	607.7332	12.63269	345.7054	0
85 HANOVER	106 - KERSI	268.2371	489.0491	1.015625	289.0438	10.52724	463.0357	0
85 HANOVER	107 - CHICI	432.5721	601.1011	0	430.9188	21.05448	585.604	0
85 HANOVER	201 - BEAV	389.1029	1095.386	1.015625	387.5093	22.10721	1080.067	0
85 HANOVER	202 - BLUN	301.1041	519.4183	0	308.1017	10.52724	504.9394	0
85 HANOVER	203 - WILV	373.1995	860.8102	2.03125	377.9804	15.79086	843.3116	0
85 HANOVER	206 - COUF	439.9937	555.0236	1.015625	471.1521	15.79086	512.2725	0
85 HANOVER	208 - OAK I	328.67	715.2474	5.078125	334.5709	14.73814	703.9819	0
85 HANOVER	209 - WEST	92.23965	207.3484	0	86.81903	5.26362	207.4232	0
85 HANOVER	210 - OAK I	130.4078	301.5977	1.015625	133.4049	3.158172	296.4686	0
85 HANOVER	301 - CLAY	449.5358	1027.317	1.015625	464.7994	3.158172	1010.926	1.043478
85 HANOVER	303 - SHAD	411.3676	936.2097	4.0625	431.9776	10.52724	912.4527	2.086957
85 HANOVER	304 - ATLEI	1140.803	1767.698	9.140625	1176.292	70.53251	1679.29	1.043478
85 HANOVER	305 - COOL	520.5709	910.0293	2.03125	548.4422	18.94903	870.549	0
85 HANOVER	401 - BATT	298.9837	1213.721	3.046875	318.6894	11.57996	1182.731	2.086957
85 HANOVER	403 - COLD	513.1493	1209.533	3.046875	509.2677	29.47627	1191.112	2.086957
85 HANOVER	404 - BLAC	310.6462	1351.954	1.015625	317.6306	7.369069	1338.823	0
85 HANOVER	405 - PEBB	312.7666	577.0151	1.015625	333.5121	11.57996	552.081	0
85 HANOVER	406 - BEAV	84.81807	195.8291	0	88.93657	8.421793	182.281	2.086957
85 HANOVER	502 - RURA	479.2221	974.9566	5.078125	498.68	12.63269	950.166	1.043478
85 HANOVER	503 - NEWI	395.4642	703.7281	1.015625	411.861	12.63269	676.7445	0
85 HANOVER	504 - STUD	212.0452	750.8527	1.015625	219.1651	12.63269	733.3145	1.043478
85 HANOVER	505 - TOTC	167.5157	577.0151	1.015625	173.6381	7.369069	568.8425	0
85 HANOVER	506 - GEOR	331.8507	821.0161	1.015625	362.0989	14.73814	780.4561	0
85 HANOVER	507 - LAUR	367.8984	880.7073	1.015625	362.0989	23.15993	871.5966	0
85 HANOVER	601 - VILLA	587.3651	1488.092	4.0625	632.0849	37.89807	1416.345	2.086957
85 HANOVER	602 - LEE D	463.3187	1035.695	2.03125	459.5056	16.84359	1023.497	3.130435
85 HANOVER	603 - MECF	396.5245	495.3324	1.015625	393.8619	10.52724	493.4159	0
85 HANOVER	604 - HANC	305.345	711.0586	1.015625	293.2789	11.57996	717.6006	0
85 HANOVER	701 - FARR	405.0063	950.8707	1.015625	413.9785	16.84359	931.3094	1.043478
85 HANOVER	702 - MON	465.4391	764.4665	0	476.4459	20.00176	738.5524	0
85 HANOVER	703 - ROCK	445.2949	930.9736	1.015625	459.5056	24.21265	899.8816	2.086957
85 HANOVER	704 - ELMC	533.2936	923.6431	2.03125	553.736	20.00176	888.3581	2.086957
85 HANOVER	705 - SOUT	258.6951	525.7016	2.03125	263.6334	14.73814	510.1774	1.043478
87 HENRICO C	101 - COAL	1083.936	957.2521	3.070588	1115.806	33.02503	900.5373	2.162162
87 HENRICO C	102 - DUM	1162.652	394.1626	3.070588	1178.503	16.51251	366.1759	2.162162
87 HENRICO C	103 - GLEN	1121.167	1219.673	2.047059	1175.315	15.48048	1158.138	2.162162
87 HENRICO C	104 - GLEN	832.897	219.9236	2.047059	842.699	16.51251	199.0549	1.081081
87 HENRICO C	105 - GREE	998.8381	654.4587	5.117647	998.9117	31.99299	631.2277	0
87 HENRICO C	106 - HERN	927.5685	606.6492	5.117647	921.3367	26.83283	599.2937	1.081081
87 HENRICO C	108 - HUNC	1174.353	1161.239	2.047059	1206.133	27.86486	1117.688	2.162162
87 HENRICO C	109 - HUN1	244.6568	382.4759	1.023529	235.9132	9.288288	386.4008	0
87 HENRICO C	110 - JOHN	320.1813	212.4866	1.023529	319.8643	15.48048	197.9905	1.081081
87 HENRICO C	111 - LAKE	1238.176	860.5707	2.047059	1248.64	42.31331	819.638	1.081081
87 HENRICO C	112 - LONG	721.2058	721.392	0	731.1184	22.7047	697.2245	0
87 HENRICO C	113 - MAU	345.7107	350.6029	1.023529	365.5592	9.288288	328.9197	0

87	HENRICO C 114 - MON	334.0098	350.6029	0	367.6845	6.192192	316.1461	0
87	HENRICO C 115 - STAPI	1070.108	1227.11	4.094118	1105.179	19.60861	1181.556	0
87	HENRICO C 117 - WEST	731.8431	519.5297	3.070588	728.993	20.64064	508.8142	0
87	HENRICO C 201 - ADAM	1104.072	41.87427	1.125	1097.581	9.651584	41.88242	0
87	HENRICO C 202 - AZALI	1382.843	95.61897	3.070588	1375.098	9.288288	94.73738	3.243243
87	HENRICO C 203 - BELM	912.6764	375.0388	0	911.7726	16.51251	365.1115	0
87	HENRICO C 204 - BROC	207.4264	139.1787	0	202.9704	4.128128	139.4449	0
87	HENRICO C 205 - CANT	225.5098	320.8548	1.023529	228.4745	2.064064	322.5329	0
87	HENRICO C 206 - CENT	1383.771	49.20226	0	1401.413	7.506787	31.41182	0
87	HENRICO C 207 - CHAN	1248.814	396.2875	0	1264.58	18.57658	370.4338	0
87	HENRICO C 208 - FAIRF	1137.72	47.10855	1.125	1134.377	7.506787	42.92949	0
87	HENRICO C 209 - GLEN	822.2711	127.7165	4.5	832.6477	7.506787	116.2237	0
87	HENRICO C 210 - GREE	741.4166	149.803	1.023529	728.993	16.51251	149.0251	1.081081
87	HENRICO C 211 - HIGH	498.4098	33.49941	2.25	507.7889	3.217195	26.17652	2.166667
87	HENRICO C 212 - HOLL	347.8382	141.3036	0	353.8698	5.16016	127.7358	1.081081
87	HENRICO C 213 - HUN	752.0538	148.7406	0	754.4972	11.35235	136.2515	0
87	HENRICO C 214 - LONG	596.7499	261.3585	1.023529	598.2844	13.41642	248.0203	1.081081
87	HENRICO C 215 - MAPI	1536.238	69.09254	0	1550.701	7.506787	53.40009	0
87	HENRICO C 216 - MOO	322.3088	279.4199	0	318.8016	14.44845	271.4386	0
87	HENRICO C 217 - MOU	260.6127	175.3014	0	273.1067	11.35235	156.4763	0
87	HENRICO C 218 - OAKV	40.42156	46.74705	0	39.31887	1.032032	46.83646	0
87	HENRICO C 219 - RANC	184.0245	33.99785	0	184.9049	1.032032	30.86948	0
87	HENRICO C 220 - RATC	1660.315	107.8262	2.25	1671.603	8.579186	92.14133	0
87	HENRICO C 221 - STRA	121.2647	79.68247	1.023529	123.27	8.256256	70.25468	0
87	HENRICO C 222 - WILD	1059.47	209.2993	3.070588	1060.547	15.48048	199.0549	0
87	HENRICO C 223 - YELL	1066.917	673.5825	0	1066.923	9.288288	669.5484	0
87	HENRICO C 224 - ESSE	314.3978	11.51542	1.125	323.8074	0	5.235303	1.083333
87	HENRICO C 301 - CAUS	571.2205	588.5879	0	595.0964	9.288288	556.7151	1.081081
87	HENRICO C 302 - CEDA	689.294	890.3188	2.047059	710.9276	19.60861	856.8943	0
87	HENRICO C 303 - INNS	892.4656	751.1401	3.070588	938.3394	16.51251	697.2245	1.081081
87	HENRICO C 304 - JACK	428.6813	508.9054	1.023529	427.1942	15.48048	499.234	1.081081
87	HENRICO C 305 - NUCK	845.6617	1076.245	2.047059	894.7699	21.67267	1020.822	0
87	HENRICO C 306 - POCA	789.2842	676.7698	2.047059	808.6934	9.288288	654.6459	1.081081
87	HENRICO C 307 - RIDG	421.2352	458.971	0	419.7555	14.44845	451.3331	0
87	HENRICO C 308 - RIVE	761.6274	975.3135	0	789.5653	19.60861	931.4068	0
87	HENRICO C 309 - SADL	854.1715	808.5115	0	874.5791	10.32032	785.5751	0
87	HENRICO C 310 - SHAD	786.0931	1090.056	2.047059	841.6363	8.256256	1031.466	1.081081
87	HENRICO C 311 - SHOR	1108.402	1012.499	2.047059	1159.375	25.8008	946.3093	1.081081
87	HENRICO C 312 - SPRIN	598.8774	423.9108	1.023529	607.8484	11.35235	406.6256	0
87	HENRICO C 313 - STON	1148.823	1120.867	0	1179.566	21.67267	1079.367	0
87	HENRICO C 314 - THRE	793.5391	794.6999	2.047059	822.5082	25.8008	747.2544	1.081081
87	HENRICO C 315 - TUCK	1062.662	398.4124	0	1077.549	17.54454	366.1759	1.081081
87	HENRICO C 401 - QUIO	913.7401	766.0142	1.023529	935.1514	20.64064	728.094	1.081081
87	HENRICO C 402 - CRES	746.7352	482.3446	1.023529	772.5626	21.67267	442.8174	1.081081
87	HENRICO C 403 - DERB	530.799	790.4501	0	562.1535	18.57658	745.1254	0
87	HENRICO C 404 - FREE	564.8382	532.2789	0	587.6577	14.44845	501.363	0
87	HENRICO C 405 - GAYT	862.6813	1198.424	1.023529	886.2685	25.8008	1152.815	0

87	HENRICO C 406 - GOD\	785.0293	715.0174	2.047059	814.0068	16.51251	684.4509	1.081081
87	HENRICO C 407 - LAKE\	507.397	650.209	0	516.4586	21.67267	623.7764	0
87	HENRICO C 408 - LAUD	740.3529	609.8365	2.047059	747.0585	14.44845	593.9714	1.081081
87	HENRICO C 409 - MAYE	755.245	836.1347	1.023529	775.7506	16.51251	807.9289	0
87	HENRICO C 410 - MOO	362.7304	704.3931	1.023529	386.8126	6.192192	683.3865	0
87	HENRICO C 411 - PEME	682.9117	558.8397	0	688.6115	12.38438	542.8771	0
87	HENRICO C 412 - PINCI	902.0391	789.3877	4.094118	906.4593	26.83283	768.5437	1.081081
87	HENRICO C 413 - RIDGI	883.9558	946.6278	1.023529	921.3367	19.60861	889.8927	1.081081
87	HENRICO C 414 - ROLLI	636.1078	669.3328	1.023529	677.9848	15.48048	618.4541	1.081081
87	HENRICO C 415 - SKIPV	478.6764	347.4156	3.070588	475.0144	8.256256	347.0156	1.081081
87	HENRICO C 416 - SPOT	341.4558	370.7891	0	355.9951	7.224224	348.08	1.081081
87	HENRICO C 417 - TUCK	867.9999	1500.155	1.023529	946.8408	18.57658	1409.352	0
87	HENRICO C 418 - WELE	570.1568	454.7213	3.070588	595.0964	14.44845	417.2702	2.162162
87	HENRICO C 419 - WEST	725.4607	767.0766	2.047059	751.3092	13.41642	729.1585	0
87	HENRICO C 501 - ANTI	284.9558	830.1573	0	301.7296	17.15837	796.8131	0
87	HENRICO C 502 - CEDA	546.7787	94.2171	0	546.6879	6.434389	89.00015	0
87	HENRICO C 503 - CHICI	545.7272	643.8168	1.125	540.3799	11.79638	642.8952	0
87	HENRICO C 504 - DONA	601.4566	241.8239	1.125	593.9974	8.579186	242.9181	1.083333
87	HENRICO C 505 - DORE	744.4602	682.5505	0	751.6958	15.01357	664.8835	0
87	HENRICO C 506 - EANE	848.5585	265.9016	2.25	857.8794	7.506787	251.2945	2.166667
87	HENRICO C 507 - ELKO	74.65632	349.6501	1.125	77.79789	7.506787	338.2006	0
87	HENRICO C 508 - HIGH	806.4986	169.5908	1.125	808.4672	6.434389	161.2473	1.083333
87	HENRICO C 509 - LABU	719.2243	237.6365	0	714.8995	8.579186	236.6357	1.083333
87	HENRICO C 510 - MEHI	871.6914	301.4947	0	869.444	8.579186	294.224	1.083333
87	HENRICO C 511 - MON	1814.885	251.2456	1.125	1827.199	18.23077	226.1651	0
87	HENRICO C 512 - NINE	340.6852	197.8559	1.125	335.372	8.579186	196.8474	1.083333
87	HENRICO C 513 - PLEA	1296.496	144.4662	1.125	1295.23	5.361991	143.4473	0
87	HENRICO C 514 - ROLF	2461.556	250.1987	1.125	2465.352	23.59276	227.2122	0
87	HENRICO C 515 - SAND	370.1271	616.5986	2.25	357.4498	13.94118	617.7658	2.166667
87	HENRICO C 516 - SULLI	787.5716	347.5564	1.125	792.6974	5.361991	338.2006	0
87	HENRICO C 517 - TOWI	283.9043	340.2284	0	293.3191	5.361991	326.6829	0
87	HENRICO C 518 - WHIT	542.5727	674.1757	0	542.4826	7.506787	671.1659	0
89	HENRY COI 101 - BASSI	156.1963	147.3312	0	155.457	2.028571	146.1911	0
89	HENRY COI 102 - GUN\	106.2135	436.7692	0	100.1602	3.042857	447.9712	2
89	HENRY COI 103 - SCOT	212.427	775.3175	1.25	209.7104	9.128571	771.68	0
89	HENRY COI 201 - FIELD	130.1636	223.6091	1.25	126.2436	3.042857	226.5961	0
89	HENRY COI 202 - HORS	245.7488	407.5119	0	235.7938	4.057143	421.8656	0
89	HENRY COI 203 - HORS	471.7128	169.2742	0	482.021	2.028571	168.1197	0
89	HENRY COI 204 - SPEN	208.2617	544.3941	0	219.1005	3.042857	537.7743	0
89	HENRY COI 302 - AXTO	248.8162	220.8265	0	252.0746	8.842105	211.0698	0
89	HENRY COI 303 - IRISBI	352.0595	439.5399	0	350.2184	8.842105	441.1358	0
89	HENRY COI 304 - MOU	532.744	494.4824	0	527.9206	6.631579	497.0693	0
89	HENRY COI 305 - MOU	193.0649	253.5807	0	195.2545	6.631579	253.2837	0
89	HENRY COI 401 - COLLI	111.42	357.3566	0	121.0269	4.057143	349.8143	0
89	HENRY COI 402 - DANI	129.1223	316.6054	0	132.5036	3.042857	311.1781	0
89	HENRY COI 404 - COLLI	258.2445	586.1902	0	263.9639	9.128571	578.4989	1
89	HENRY COI 405 - MOU	204.4216	279.9954	0	200.42	6.631579	278.6121	0

89	HENRY COI	501 - BASSI	166.6094	194.3518	0	169.0204	2.028571	191.0926	0
89	HENRY COI	502 - FIGSE	134.3288	415.8711	0	146.067	4.057143	404.1139	0
89	HENRY COI	503 - STAN	148.9071	676.0518	0	141.8936	5.071429	685.0096	0
89	HENRY COI	504 - OAK I	79.13946	228.8336	0	81.38017	2.028571	224.5077	0
89	HENRY COI	505 - DYER	123.8536	237.6368	0	119.9221	3.042857	239.5608	0
89	HENRY COI	601 - FONT	205.1378	498.4184	0	207.6238	7.1	491.8285	0
89	HENRY COI	602 - HILLC	117.6679	161.9599	1.25	116.8536	5.071429	159.7659	0
89	HENRY COI	603 - RIDGI	181.7081	549.4249	0	185.9567	4.421053	546.6707	0
89	HENRY COI	604 - RIDGI	152.0311	457.6672	1.25	154.4137	0	462.5903	0
91	HIGHLAND	001 - MON	134	224	0	125	7	225	0
91	HIGHLAND	003 - WILSI	23	60	0	26	3	54	0
91	HIGHLAND	005 - BLUE	66	118	0	62	3	119	0
91	HIGHLAND	007 - MILL	41	78	0	38	2	80	0
91	HIGHLAND	008 - MCDI	56	163	1	51	3	164	0
91	HIGHLAND	010 - HEAD	14	56	0	15	0	57	0
93	ISLE OF WI	101 - SMITI	626.7139	1153.819	2.153846	664.2207	16.81356	1105.021	1
93	ISLE OF WI	102 - CYPR	553.2299	867.9911	1.076923	578.1763	9.457627	837.9653	1
93	ISLE OF WI	201 - BART	668.7048	1102.328	3.230769	703.0456	18.91525	1060.862	1
93	ISLE OF WI	202 - CARR	715.9446	959.4139	2.153846	749.2158	19.9661	910.5119	0
93	ISLE OF WI	301 - RUSH	704.3971	601.0786	1.076923	727.18	16.81356	570.9099	0
93	ISLE OF WI	302 - PONS	800.9761	448.7073	1.076923	821.619	8.40678	435.2794	0
93	ISLE OF WI	401 - COUF	141.7192	373.047	0	151.1023	1.050847	362.7328	0
93	ISLE OF WI	402 - WINC	341.1759	658.8746	1.076923	338.9309	6.305085	664.4844	0
93	ISLE OF WI	403 - LONG	411.5107	541.1809	0	424.9753	4.20339	526.7511	0
93	ISLE OF WI	501 - WALI	157.4658	419.2838	0	156.349	7.355932	414.2514	0
93	ISLE OF WI	502 - CAMI	165.864	128.2021	0	164.7435	0	129.3221	0
93	ISLE OF WI	503 - CARR	152.217	229.0824	0	155.2996	4.20339	223.9481	0
93	ISLE OF WI	504 - ZUNI	213.1037	507.5541	1.076923	217.2096	8.40678	497.3119	0
93	ISLE OF WI	505 - RAYN	104.9772	298.4376	1.076923	104.9322	2.101695	299.6488	0
95	JAMES CIT\	101 - BERK	1008.459	1196.616	3.272727	1058.983	22.93548	1131.219	0
95	JAMES CIT\	102 - BERK	699.2131	697.6542	1.090909	732.0104	26.21198	639.0435	1
95	JAMES CIT\	103 - BERK	1133.521	1777.065	3.272727	1207.195	12.01382	1708.6	1
95	JAMES CIT\	104 - BERKE	312.1944	256.5125	0	322.1938	11	239.501	0
95	JAMES CIT\	201 - JAME	354.2206	228.4565	0	373.2245	4	208.4361	1
95	JAMES CIT\	202 - JAME	1139.206	733.3741	4.363636	1166.465	30.58065	681.6464	1
95	JAMES CIT\	203 - JAME	831.0972	895.2299	0	870.0401	14.19816	857.6636	0
95	JAMES CIT\	204 - JAME	1051.662	1446.656	0	1121.209	16.38249	1382.352	1
95	JAMES CIT\	301 - POW	1085.77	1414.285	1.090909	1133.654	8.737327	1384.594	1
95	JAMES CIT\	302 - POW	342.2165	269.0155	0	352.9942	10.92166	254.4963	0
95	JAMES CIT\	303 - POW	277.4114	564.8208	1.090909	293.0304	15.29032	541.5053	1
95	JAMES CIT\	304 - POW	1085.77	740.0716	1.090909	1105.37	9.829493	722.007	0
95	JAMES CIT\	401 - STON	876.5745	1172.059	4.363636	913.033	27.30415	1124.492	0
95	JAMES CIT\	402 - STON	1368.866	1580.605	3.272727	1418.765	31.67281	1518.009	3
95	JAMES CIT\	403 - STON	832.2341	1157.548	1.090909	863.2518	10.92166	1123.371	1
95	JAMES CIT\	501 - ROBE	547.3408	232.4645	0	552.3322	9	221.4633	1
95	JAMES CIT\	502 - ROBE	815.5078	1284.567	2	860.5176	10	1236.587	1
95	JAMES CIT\	503 - ROBE	206.1283	77.15415	0	207.1246	3	74.15514	0

95 JAMES CITY 504 - ROBE	976.6081	923.8458	3	1009.607	16	887.8574	0
97 KING & QU 101 - OWEL	261.8062	186.6431	0	264.7604	4	180.5446	0
97 KING & QU 201 - CLAR	187.9093	332.9882	0	191.9777	6	323.9183	0
97 KING & QU 301 - SHAC	205.8557	295.8717	1	205.6904	8	289.9334	0
97 KING & QU 401 - COUF	245.9711	288.4484	1	254.2122	5	277.1891	1
97 KING & QU 501 - OLDN	122.4577	334.0487	0	122.3594	5	332.4145	0
99 KING GEOR 101 - COUF	465.7921	871.9911	2	471.7014	22.77108	846.047	0
99 KING GEOR 102 - PASS	241.4427	390.1864	0	240.664	3.253012	389.6552	1.25
99 KING GEOR 201 - MON	622.8367	1228.764	1	633.2137	26.0241	1204.487	2.5
99 KING GEOR 301 - DAHL	676.2533	902.1713	1	699.53	16.26506	872.9569	0
99 KING GEOR 401 - SHILC	604.6751	1105.887	3	612.8909	21.68675	1082.854	1.25
101 KING WILLI 101 - WEST	405.7093	763.0802	3	413.1832	18.11475	750.6361	2
101 KING WILLI 201 - SWEE	154.3573	283.0447	1	150.9107	8.52459	278.8966	1
101 KING WILLI 202 - COUF	347.3038	426.1222	0	339.289	6.393443	430.2679	0
101 KING WILLI 301 - AYLE	287.8554	822.1774	2	286.21	13.85246	810.7699	3
101 KING WILLI 401 - MAN	337.9172	838.7661	0	356.9819	6.393443	822.1746	0
101 KING WILLI 501 - MAN	457.857	811.8095	1	470.4252	11.72131	796.2549	0
103 LANCASTER 101 - PREC	376.2562	606.4523	0	399.5139	3.24	586.0792	1
103 LANCASTER 201 - PREC	408.1609	350.9308	2	423.7938	5.4	340.0571	0
103 LANCASTER 301 - PREC	244.2365	523.1062	0	256.0421	2.16	513.9127	0
103 LANCASTER 302 - PREC	124.3186	255.5215	0	136.8501	2.16	243.8352	0
103 LANCASTER 401 - PREC	466.4696	281.8413	1	469.0426	6.48	277.7315	1
103 LANCASTER 501 - PREC	390.5583	739.148	1	412.7575	7.56	718.3843	1
105 LEE COUNT 101 - ELYD	74.16336	253.9327	0	77.70776	2.075949	257.7445	1
105 LEE COUNT 102 - EWIN	67.8065	267.5737	0	63.86939	2.075949	273.4606	0
105 LEE COUNT 103 - ROSE	129.2561	524.6542	1	124.5453	14.53165	520.7276	0
105 LEE COUNT 201 - BLAC	27.54639	103.8815	0	36.19265	0	95.34449	0
105 LEE COUNT 202 - FLAT	83.69865	470.0902	0	85.15918	5.189873	467.2928	0
105 LEE COUNT 203 - JONE	188.5868	634.8316	2	184.1567	6.227848	654.8385	1
105 LEE COUNT 301 - BEN F	161.0404	700.9381	1	173.5118	8.303797	694.6527	0
105 LEE COUNT 302 - WOO	99.5908	444.9068	0	100.062	0	451.5767	0
105 LEE COUNT 401 - STICK	73.10389	232.9465	0	75.57878	4.151899	235.7419	0
105 LEE COUNT 402 - JASPE	33.90325	161.5935	1	32.99918	7.265823	161.3522	0
105 LEE COUNT 403 - SEMI	40.26011	248.6861	0	41.5151	1.037975	247.267	0
105 LEE COUNT 404 - DRYD	105.9477	377.7511	0	89.41714	5.189873	397.0941	0
105 LEE COUNT 501 - SAINT	95.35289	157.3963	1	80.90122	11.41772	165.5432	0
105 LEE COUNT 502 - PENN	108.0666	483.7312	0	98.99755	11.41772	487.1999	0
105 LEE COUNT 503 - ROBE	8.475813	81.84606	0	8.515918	2.075949	80.67611	0
105 LEE COUNT 504 - KEOK	39.20063	90.24053	1	30.8702	1.037975	98.48772	1
107 LOUDOUN 107 - LITTL	761.4924	553.5169	2.337662	779.0155	11.61881	533.1492	1.317073
107 LOUDOUN 108 - MERC	746.2189	473.976	1.168831	756.1353	16.90008	455.5804	2.634146
107 LOUDOUN 112 - FREEI	595.666	338.8656	0	610.138	12.67506	314.6454	1.317073
107 LOUDOUN 114 - DULL	685.125	370.464	1.168831	686.4053	10.56255	367.0863	0
107 LOUDOUN 117 - CART	406.9293	139.4688	1.168831	410.7536	4.225021	133.2873	0
107 LOUDOUN 118 - MOO	880.4074	379.1808	2.337662	883.6106	12.67506	370.3639	1.317073
107 LOUDOUN 119 - ARCC	1422.616	755.0929	2.337662	1432.735	22.18136	745.0979	0
107 LOUDOUN 120 - LUNS	826.9502	495.7681	0	840.0293	14.78757	477.4308	0

107 LOUDOUN 121 - TOWI	559.6642	365.016	1.168831	564.3777	12.67506	350.6986	1.317073
107 LOUDOUN 122 - HUTC	873.8616	587.2945	2.337662	885.7897	26.40638	552.8146	3.95122
107 LOUDOUN 123 - CARD	512.7528	378.0912	0	527.3336	6.337531	361.6238	0
107 LOUDOUN 124 - LIBER	555.3003	326.88	0	566.5567	13.73132	305.9053	0
107 LOUDOUN 125 - ROCK	794.2213	323.6112	0	804.0748	6.337531	309.1828	0
107 LOUDOUN 207 - RIVEF	574.9377	417.3168	0	572.0044	10.56255	419.5273	0
107 LOUDOUN 208 - ALGO	592.3931	433.6608	0	607.959	23.23762	406.417	0
107 LOUDOUN 209 - POTC	880.4074	493.5889	2.337662	898.8641	8.450042	478.5233	1.317073
107 LOUDOUN 210 - CASC	1038.597	580.7569	0	1053.578	22.18136	547.352	1.317073
107 LOUDOUN 213 - COUN	316.3794	212.472	1.168831	318.1434	6.337531	209.7636	0
107 LOUDOUN 214 - SUGA	1054.962	774.7057	0	1080.816	16.90008	749.468	0
107 LOUDOUN 215 - SUGA	973.1393	528.4561	1.168831	993.6534	23.23762	500.3737	0
107 LOUDOUN 216 - LOWI	830.2231	569.8609	2.337662	842.2084	8.450042	558.2772	0
107 LOUDOUN 217 - SOUT	1028.778	599.2801	0	1041.593	13.73132	582.3126	0
107 LOUDOUN 218 - UNIV	591.3021	258.2352	1.168831	582.8997	14.78757	256.7419	0
107 LOUDOUN 219 - GALIL	754.9466	393.3456	0	745.24	26.40638	380.1966	0
107 LOUDOUN 301 - PURC	891.317	871.6801	2.337662	874.8944	16.90008	878.3852	1.317073
107 LOUDOUN 302 - ROUN	664.3967	830.2753	1.168831	671.1518	22.18136	810.649	1.317073
107 LOUDOUN 303 - HILLS	608.7575	767.0785	2.337662	615.5857	6.337531	759.3006	1.317073
107 LOUDOUN 305 - PHILC	301.1059	385.7184	1.168831	305.069	2.11251	382.3816	1.317073
107 LOUDOUN 307 - MIDD	427.6576	283.296	0	414.0222	10.56255	287.3325	0
107 LOUDOUN 308 - ST LO	402.5655	324.7008	0	403.1269	4.225021	326.6632	0
107 LOUDOUN 309 - ALDIE	280.3776	275.6688	0	280.0098	5.281276	276.4073	0
107 LOUDOUN 310 - MOU	713.49	888.0241	0	724.5389	12.67506	871.8301	2.634146
107 LOUDOUN 311 - ROUN	557.4822	797.5873	0	554.5719	14.78757	793.1687	0
107 LOUDOUN 312 - BRIAF	920.773	438.0192	1.168831	921.7442	12.67506	429.3599	0
107 LOUDOUN 313 - PINEE	1181.513	678.8209	1.168831	1212.649	10.56255	641.3086	0
107 LOUDOUN 314 - LEGA	824.7683	459.8112	1.168831	846.5665	7.393787	443.5627	0
107 LOUDOUN 315 - FIREH	216.0107	285.4752	1.168831	215.7274	4.225021	286.24	0
107 LOUDOUN 316 - CREIC	871.6797	443.4672	0	875.9839	9.506297	434.8225	0
107 LOUDOUN 318 - MADL	593.484	685.3585	0	589.4369	10.56255	683.9168	1.317073
107 LOUDOUN 319 - JOHN	847.6785	550.2481	0	871.6258	19.01259	513.4839	1.317073
107 LOUDOUN 320 - STON	948.0471	336.6864	1.168831	953.3407	14.78757	323.3856	0
107 LOUDOUN 321 - BRAN	582.5744	244.0704	0	579.6311	5.281276	244.7242	0
107 LOUDOUN 401 - WEST	812.7677	902.1889	2.337662	791.0004	25.35013	907.8832	1.317073
107 LOUDOUN 402 - WATI	665.4876	819.3793	1.168831	654.8089	20.06885	818.2967	0
107 LOUDOUN 403 - LUCK	821.4954	861.8737	1.168831	828.0445	10.56255	855.4423	0
107 LOUDOUN 407 - HARP	511.6618	388.9872	0	506.6325	7.393787	388.9367	0
107 LOUDOUN 408 - EVERI	653.487	431.4816	0	646.0926	11.61881	431.545	0
107 LOUDOUN 409 - CLAR	685.125	900.0097	0	659.167	13.73132	919.9009	0
107 LOUDOUN 411 - EAST	571.6648	698.4337	0	552.3928	17.95634	705.7672	0
107 LOUDOUN 413 - TUSC	41.45661	39.2256	0	38.13363	0	42.60824	0
107 LOUDOUN 414 - RED F	481.1148	301.8192	1.168831	483.7523	11.61881	291.7025	0
107 LOUDOUN 416 - HAMI	987.3218	1013.328	3.506494	965.3255	19.01259	1029.153	2.634146
107 LOUDOUN 420 - RIVEF	675.3063	723.4945	1.168831	662.4356	3.168766	738.5428	0
107 LOUDOUN 421 - BETV	73.09454	114.408	0	78.44632	2.11251	107.0669	0
107 LOUDOUN 422 - SYCO	642.5774	791.0497	0	637.3763	4.225021	796.4463	0

107 LOUDOUN 501 - WEST	941.5013	584.0257	0	911.9384	26.40638	592.1452	1.317073
107 LOUDOUN 502 - EAST	939.3194	418.4064	1.168831	926.1024	24.29387	419.5273	0
107 LOUDOUN 503 - DRY	495.2973	310.536	1.168831	468.4988	9.506297	331.0332	2.634146
107 LOUDOUN 504 - SMAF	994.9585	592.7425	3.506494	970.7732	26.40638	604.163	0
107 LOUDOUN 505 - COOL	886.9532	726.7633	2.337662	868.3572	17.95634	740.7278	1.317073
107 LOUDOUN 506 - BRAN	510.5708	274.5792	0	506.6325	19.01259	265.4821	0
107 LOUDOUN 507 - GREE	489.8425	337.776	1.168831	490.2895	6.337531	336.4958	0
107 LOUDOUN 508 - BALL	857.4972	602.5489	0	837.8503	17.95634	609.6255	1.317073
107 LOUDOUN 509 - TOLB	1000.413	470.7072	3.506494	1005.638	20.06885	458.8579	0
107 LOUDOUN 510 - HERI	490.9335	441.288	0	477.2151	13.73132	442.4702	0
107 LOUDOUN 615 - HILLS	847.6785	591.6529	0	863.999	15.84383	565.9248	0
107 LOUDOUN 616 - EAGL	943.6833	543.7105	1.168831	958.7883	16.90008	521.1315	0
107 LOUDOUN 617 - OAK	454.9317	129.6624	0	464.1407	10.56255	111.4369	0
107 LOUDOUN 619 - RIDG	413.4751	144.9168	1.168831	414.0222	6.337531	142.0275	0
107 LOUDOUN 620 - RUSS	1049.507	697.3441	1.168831	1065.562	30.6314	667.529	0
107 LOUDOUN 621 - DOM	1119.328	615.6241	3.506494	1115.681	20.06885	608.533	1.317073
107 LOUDOUN 622 - FARM	1098.6	558.9649	2.337662	1108.054	15.84383	542.9819	0
107 LOUDOUN 623 - WELL	849.8604	556.7857	0	859.6409	3.168766	556.0921	0
107 LOUDOUN 625 - MILL	375.2914	286.5648	0	373.7095	5.281276	284.0549	0
107 LOUDOUN 626 - ASHB	470.2052	411.8688	1.168831	473.9465	2.11251	418.4347	0
107 LOUDOUN 627 - ASHB	799.6761	331.2384	3.506494	816.0596	13.73132	308.0903	1.317073
107 LOUDOUN 628 - MOO	878.2255	362.8368	2.337662	870.5362	14.78757	357.2537	0
107 LOUDOUN 629 - DISC	207.283	137.2896	0	218.996	2.11251	127.8247	0
107 LOUDOUN 701 - SULL	793.1303	430.392	0	813.8806	13.73132	408.6021	1.317073
107 LOUDOUN 702 - PARK	712.399	392.256	2.337662	727.8075	14.78757	375.8265	3.95122
107 LOUDOUN 703 - ROLL	990.5947	332.328	0	1023.071	13.73132	305.9053	0
107 LOUDOUN 705 - FORE	932.7736	570.9505	0	936.9977	17.95634	562.6472	1.317073
107 LOUDOUN 707 - CLAU	732.0364	249.5184	0	728.897	15.84383	241.4467	1.317073
107 LOUDOUN 708 - SENE	764.7653	466.3488	1.168831	771.3888	9.506297	461.043	1.317073
107 LOUDOUN 709 - MIRR	885.8622	394.4352	0	896.685	21.1251	370.3639	0
107 LOUDOUN 710 - STER	620.7581	338.8656	2.337662	615.5857	23.23762	328.8482	1.317073
107 LOUDOUN 808 - STON	1076.781	712.5985	2.337662	1076.458	21.1251	698.1196	2.634146
107 LOUDOUN 810 - CEDA	943.6833	534.9937	0	952.2511	11.61881	521.1315	0
107 LOUDOUN 813 - SELD	670.9424	315.984	1.168831	659.167	8.450042	324.4781	0
107 LOUDOUN 814 - NEW	785.4936	774.7057	1.168831	795.3585	4.225021	768.0408	1.317073
107 LOUDOUN 815 - BELM	964.4116	648.3121	1.168831	965.3255	10.56255	642.4011	0
107 LOUDOUN 817 - SAND	1023.324	785.6017	3.506494	1040.503	12.67506	768.0408	0
107 LOUDOUN 818 - BROA	738.5822	482.6928	0	748.5086	10.56255	464.3205	0
107 LOUDOUN 819 - HERI	673.1244	496.8577	0	684.2262	11.61881	475.2457	1.317073
107 LOUDOUN 820 - BELM	782.2207	506.6641	0	789.9108	11.61881	496.0036	0
107 LOUDOUN 822 - RIVE	594.575	378.0912	0	588.3474	5.281276	385.6592	0
109 LOUISA CO 101 - ZION	633.5524	815.9442	1.25	636.1041	17.27152	803.6838	2
109 LOUISA CO 102 - MEC	283.6315	407.4374	1.25	285.975	11.87417	393.2921	2
109 LOUISA CO 201 - LOUI	273.8511	473.7396	0	267.4899	12.95364	467.0344	0
109 LOUISA CO 202 - LOUI	287.9784	428.8252	0	288.1497	11.87417	418.9416	1
109 LOUISA CO 301 - PATR	753.0906	628.8011	0	758.9755	16.19205	608.1065	1
109 LOUISA CO 302 - PATR	155.3997	196.7677	0	150.0553	4.317881	200.921	0

109 LOUISA CO 401 - MINE	390.1292	845.8871	0	402.3223	21.5894	826.1271	0
109 LOUISA CO 402 - YANC	183.6541	219.2249	0	187.0255	3.238411	216.9519	0
109 LOUISA CO 501 - FRED	199.9548	214.9473	1.25	205.5106	3.238411	209.4708	0
109 LOUISA CO 502 - CUCK	194.5212	393.5354	0	195.7243	4.317881	392.2234	0
109 LOUISA CO 503 - ELK C	131.492	394.6047	1.25	142.4438	5.397351	379.3986	0
109 LOUISA CO 601 - BUMI	145.6193	532.556	2.5	157.6668	15.11258	512.9897	0
109 LOUISA CO 602 - LOCU	249.9435	615.9684	0	251.1796	5.397351	611.3127	0
109 LOUISA CO 701 - SHEL	302.1056	660.8827	1.25	304.4601	20.50993	646.5808	0
109 LOUISA CO 702 - SOUT	239.0764	475.8783	1.25	247.9175	9.715232	465.9656	0
111 LUNENBUR 101 - PLYM	108.4596	296.4566	0	103.9787	6.272727	297.6552	0
111 LUNENBUR 201 - BROV	145.3582	298.5517	1.5	144.2285	5.227273	295.559	0
111 LUNENBUR 301 - ROSE	61.49771	236.7462	0	60.37471	2.090909	236.8664	0
111 LUNENBUR 302 - FLAT	112.9322	169.7031	1.5	108.4509	0	175.0296	1
111 LUNENBUR 401 - ARRC	40.25305	170.7506	0	42.48591	0	168.7411	0
111 LUNENBUR 402 - PLEA	101.7508	251.4119	0	100.6245	3.136364	249.4434	0
111 LUNENBUR 501 - REED	145.3582	120.4682	0	152.0548	1.045455	121.5775	0
111 LUNENBUR 502 - PEOP	220.2736	114.1829	0	223.6101	2.090909	110.0486	0
111 LUNENBUR 601 - HOU	318.67	210.5575	0	330.9429	2.090909	202.2797	0
111 LUNENBUR 701 - MEHI	101.7508	121.5158	0	99.50647	0	123.6736	0
111 LUNENBUR 702 - VICT	110.6959	168.6555	0	101.7426	1.045455	177.1258	0
113 MADISON (001 - OAK I	265.6679	301.5194	0	269.2184	2.107143	300.657	0
113 MADISON (002 - RAD	339.1046	458.1391	1.2	339.7797	8.428571	463.203	0
113 MADISON (003 - ROCH	113.3948	290.865	0	117.2403	7.375	286.8459	0
113 MADISON (004 - GRAV	14.03936	41.55215	0	16.28337	1.053571	39.30851	0
113 MADISON (005 - MADI	349.9041	544.4397	1.2	345.2075	12.64286	540.7577	0
113 MADISON (006 - WOLI	191.1513	321.7628	3.6	198.6572	10.53571	310.2185	1
113 MADISON (007 - BRIG	227.8696	680.816	0	244.2506	7.375	661.8704	0
113 MADISON (008 - CRIG	173.8721	303.6503	0	178.0316	5.267857	299.5946	0
113 MADISON (009 - ETLA	80.99631	183.2556	0	80.33131	4.214286	179.5443	0
115 MATHEWS 001 - CHES	291.1209	606.0862	0	302.0169	5.535714	596.7398	0
115 MATHEWS 002 - WEST	508.2877	929.1038	1	519.75	8.857143	916.8302	0
115 MATHEWS 003 - PIAN	530.5914	1047.81	4	564.2331	16.60714	1017.43	2
117 MECKLENB 101 - WRIG	150.4236	165.6399	0	145.8246	2.242424	167.8238	0
117 MECKLENB 102 - PEAR	35.457	97.68507	0	34.31167	1.121212	97.72021	0
117 MECKLENB 103 - SOUT	239.6033	271.8193	0	248.7596	0	268.7306	0
117 MECKLENB 201 - BOYD	146.1258	165.6399	0	145.8246	2.242424	164.6373	0
117 MECKLENB 202 - BLUE	75.21181	54.15151	0	75.05678	1.121212	53.10881	0
117 MECKLENB 203 - CHAS	164.3915	56.2751	0	168.3416	1.121212	54.17098	0
117 MECKLENB 301 - BRAC	162.2426	479.931	0	162.9804	1.121212	481.1658	0
117 MECKLENB 302 - LACR	167.6149	212.3589	0	167.2694	0	214.5596	0
117 MECKLENB 401 - AMEF	482.43	271.8193	0	494.3025	2.242424	261.2953	0
117 MECKLENB 402 - PARK	84.8819	50.96613	0	83.6347	0	52.04663	0
117 MECKLENB 501 - SOUT	372.8357	537.2679	0	372.0672	6.727273	532.1503	0
117 MECKLENB 601 - BASK	143.9769	259.0778	0	147.9691	1.121212	255.9845	0
117 MECKLENB 602 - UNIO	34.38254	176.2579	0	35.38391	1.121212	174.1969	0
117 MECKLENB 603 - SMIT	56.94608	123.1681	0	56.82871	2.242424	123.2124	0
117 MECKLENB 604 - LAKE	80.58408	131.6625	0	81.49022	1.121212	129.5855	0

117 MECKLENB 701 - CHAS	145.0513	266.5104	0	150.1136	2.242424	261.2953	0
117 MECKLENB 702 - SUNS	139.6791	233.5947	0	143.6801	1.121212	232.6166	0
117 MECKLENB 801 - FINCH	52.64827	93.4379	0	51.46751	2.242424	93.4715	0
117 MECKLENB 802 - BLUE	151.4981	364.1954	0	153.3303	2.242424	361.1399	0
117 MECKLENB 803 - CHAS	147.2003	219.7914	0	147.9691	3.363636	217.7461	0
117 MECKLENB 901 - AVER	20.41463	102.994	0	18.22808	0	105.1554	0
117 MECKLENB 902 - BUFF	41.90372	199.6173	0	48.25079	1.121212	194.3782	0
117 MECKLENB 903 - CLAR	252.4968	638.1384	0	265.9155	1.121212	628.8083	0
119 MIDDLESEY 101 - SALU	124.1404	212.4902	0	122.4548	1.078947	213.9256	0
119 MIDDLESEY 102 - URBA	198.189	369.4553	0	196.1444	8.631579	364.7431	0
119 MIDDLESEY 201 - NEW	267.8819	725.0294	2	287.1727	7.552632	703.8151	0
119 MIDDLESEY 302 - CHUR	319.0625	406.828	0	320.7665	7.552632	405.389	0
119 MIDDLESEY 401 - HARM	309.262	398.2857	2	318.5992	9.710526	387.2053	0
119 MIDDLESEY 501 - WILT	348.4642	612.9114	0	360.8623	6.473684	597.922	0
121 MONTGOM 101 - PREC	882.227	700.6604	0	924.7124	29.04782	633.5875	0
121 MONTGOM 102 - PREC	972.7938	298.4876	2.235294	986.502	25.93555	276.4745	1.055556
121 MONTGOM 103 - PREC	1470.378	671.3353	0	1492.537	37.34719	627.304	1.055556
121 MONTGOM 201 - PREC	87.37031	89.02262	1.117647	83.09628	1.037422	92.15818	1.055556
121 MONTGOM 202 - PREC	775.6778	797.0143	1.117647	767.0426	29.04782	786.4863	0
121 MONTGOM 203 - PREC	433.6551	587.5493	0	449.5722	17.63617	553.9963	2.111111
121 MONTGOM 204 - PREC	899.2749	976.1068	3.352941	933.2351	24.89813	929.9598	1.055556
121 MONTGOM 301 - PREC	304.7306	744.648	1.117647	305.7517	13.48649	738.3127	1.055556
121 MONTGOM 302 - PREC	425.1311	826.3394	1.117647	453.8335	22.82328	784.3918	2.111111
121 MONTGOM 303 - PREC	139.5794	299.5349	0	131.0364	6.224532	303.7031	0
121 MONTGOM 304 - PREC	416.6072	718.4649	1.117647	422.9388	22.82328	697.4698	1.055556
121 MONTGOM 401 - PREC	345.2193	518.4258	0	357.9532	10.37422	497.4447	0
121 MONTGOM 402 - PREC	337.7608	869.2797	1.117647	350.4958	11.41164	854.5576	0
121 MONTGOM 403 - PREC	265.3074	594.8806	0	269.5302	8.299376	592.7446	0
121 MONTGOM 404 - PREC	155.5618	394.8415	0	155.5392	8.299376	389.5777	0
121 MONTGOM 405 - PREC	525.2873	776.0678	0	531.6031	17.63617	760.305	0
121 MONTGOM 501 - PREC	751.1715	581.2653	0	753.1932	20.74844	568.6578	0
121 MONTGOM 502 - PREC	409.1488	552.9876	0	415.4814	14.52391	534.0985	0
121 MONTGOM 503 - PREC	622.2471	258.6893	0	632.8101	20.74844	235.6317	1.055556
121 MONTGOM 601 - PREC	1232.774	463.9649	1.117647	1248.575	32.16008	423.0898	3.166667
121 MONTGOM 602 - PREC	1063.361	380.179	1.117647	1067.468	40.45946	348.7349	1.055556
121 MONTGOM 603 - PREC	199.2469	118.3477	0	193.8913	10.37422	113.1032	0
121 MONTGOM 701 - PREC	1427.759	612.6851	2.235294	1438.205	44.60915	567.6106	2.111111
121 MONTGOM 702 - PREC	727.7307	226.2222	2.235294	749.9972	29.04782	190.5999	1.055556
125 NELSON CC 101 - ROCK	699.5019	641.875	1	693.1403	32.75591	638.0578	0
125 NELSON CC 201 - LOVIN	311.3637	365.1322	1	313.9957	13.30709	360.5499	0
125 NELSON CC 202 - SCHU	211.1302	190.458	0	199.7184	13.30709	190.2611	0
125 NELSON CC 301 - SHIP	397.7351	414.5881	3	394.0967	7.165354	415.2106	3
125 NELSON CC 302 - GLAD	55.44832	81.02357	0	54.46865	6.141732	76.73512	0
125 NELSON CC 401 - ROSE	395.6025	561.9037	0	390.8927	22.51969	550.811	0
125 NELSON CC 402 - MON	33.05573	56.82172	0	37.38045	3.070866	52.5583	0
125 NELSON CC 501 - FABI	271.9101	227.2869	1	274.4793	7.165354	220.7449	2
125 NELSON CC 502 - NELL	647.2526	541.9109	1	656.8278	24.56693	515.0714	4

127 NEW KENT 102 - TUNS	113.0445	339.9623	2.363636	119.9792	4.037383	331.33	0
127 NEW KENT 103 - SOUT	287.3654	916.6469	1.181818	297.843	15.14019	894.6955	1
127 NEW KENT 201 - QUIN	417.3137	840.5203	1.181818	449.3957	17.15888	795.401	0
127 NEW KENT 202 - KENT	157.4171	532.8857	4.727273	162.0771	16.14953	520.5121	2
127 NEW KENT 301 - WATI	334.9075	441.1168	0	334.6788	7.065421	437.9409	0
127 NEW KENT 302 - CUMI	300.0433	613.1836	0	313.6298	8.074766	597.8572	0
127 NEW KENT 401 - PROV	433.1611	838.4347	0	445.1859	11.1028	820.4859	0
127 NEW KENT 403 - MOU	156.3606	309.7203	1.181818	166.2869	5.046729	297.8834	1
127 NEW KENT 501 - ELTH	223.976	394.1894	1.181818	224.1716	12.11215	385.6806	0
127 NEW KENT 502 - CHIC	213.4111	641.34	1.181818	215.752	12.11215	629.2134	0
131 NORTHAM 101 - PREC	516.6339	581.3478	1	568.8499	2.153846	537.585	1
131 NORTHAM 201 - PREC	537.3866	263.6473	0	567.7559	11.84615	236.7144	1
131 NORTHAM 301 - PREC	482.7741	211.8003	1	515.2467	4.307692	197.9994	0
131 NORTHAM 401 - PREC	417.2392	473.2414	0	459.4557	2.153846	438.0322	0
131 NORTHAM 501 - PREC	342.9662	480.9632	1	380.6918	7.538462	444.6691	1
133 NORTHUM 101 - 1A	305.2458	538.5669	0	308.8862	5	532.79	0
133 NORTHUM 201 - 2A	339.2841	703.0394	0	343.9372	8	696.3942	0
133 NORTHUM 301 - 3A	338.186	195.6471	1	347.2232	3	186.2074	1
133 NORTHUM 302 - 3B	192.1512	64.49903	0	193.8754	2	62.42792	0
133 NORTHUM 401 - 4A	419.4385	958.8856	2	433.7551	11	937.4951	2
133 NORTHUM 501 - 5A	388.6944	865.362	0	394.3229	6	869.6855	0
135 NOTTOWA 101 - PREC	177.1878	315.4991	0	185.0058	4.285714	305.3738	0
135 NOTTOWA 102 - PREC	130.5036	250.9171	2	134.2614	4.285714	249.1766	0
135 NOTTOWA 201 - PREC	196.2859	357.848	0	194.5204	5.357143	357.3298	0
135 NOTTOWA 202 - PREC	74.27033	236.095	0	74.00233	4.285714	234.332	0
135 NOTTOWA 301 - PREC	284.3493	164.1019	0	284.3804	3.214286	163.2902	0
135 NOTTOWA 302 - PREC	123.0766	206.4508	0	122.6324	0	205.7032	0
135 NOTTOWA 401 - PREC	328.9115	104.8135	0	331.9533	1.071429	103.9119	0
135 NOTTOWA 402 - PREC	117.7715	292.2073	0	122.6324	0	287.3483	0
135 NOTTOWA 501 - PREC	341.6435	524.0674	1	362.6114	7.5	501.5341	0
137 ORANGE C\101 - ONE	470.1826	776.2373	2.666667	477.8887	10.31915	767.2496	1
137 ORANGE C\102 - ONE	479.866	616.5782	0	492.9573	7.223404	609.5956	0
137 ORANGE C\201 - TWO	327.0836	691.1558	0	326.1268	5.159574	689.4736	0
137 ORANGE C\202 - TWO	239.933	633.3844	1.333333	242.1734	10.31915	623.2589	1
137 ORANGE C\301 - THRE	597.1427	683.8031	0	608.1242	22.70213	656.8918	1
137 ORANGE C\302 - THRE	143.0991	277.3026	0	140.9987	1.031915	278.5221	1
137 ORANGE C\401 - FOUR	249.6164	799.3459	0	259.3946	6.191489	794.5763	0
137 ORANGE C\402 - FOUR	393.7914	568.2603	1.333333	403.6223	10.31915	553.8912	0
137 ORANGE C\501 - FIVE	582.0796	741.5745	0	575.8344	12.38298	738.8719	0
137 ORANGE C\502 - FIVE	612.2057	966.3577	2.666667	632.8797	11.35106	940.669	1
139 PAGE COUI101 - WEST	469.6039	857.1317	0	471.4364	12.82759	858.7334	1
139 PAGE COUI201 - EAST	455.3402	1009.815	1	472.5327	13.89655	997.8166	1
139 PAGE COUI301 - MARI	362.0778	1102.478	1	355.2218	12.82759	1116.88	1
139 PAGE COUI401 - NEWI	249.0656	844.4959	3	244.4891	7.482759	858.7334	1
139 PAGE COUI501 - SHEN	269.9125	1015.08	1	265.32	14.96552	1017.836	1
141 PATRICK C\101 - ARAR	88.66694	249.7978	0	84.43209	1.058824	257.9417	0
141 PATRICK C\102 - CLAU	52.34555	282.3345	0	52.36927	0	285.2039	0

141	PATRICK C(103 - WILLI	73.71107	233.0047	0	65.1944	3.176471	241.165	0
141	PATRICK C(201 - DRY F	44.86761	178.427	0	43.81919	4.235294	178.2524	0
141	PATRICK C(202 - PATR	145.2856	500.6452	1	137.8701	6.352941	509.5922	0
141	PATRICK C(203 - RUSS	106.8276	326.4164	0	105.8073	5.294118	326.0971	0
141	PATRICK C(301 - CRITZ	163.4463	440.8196	0	163.5204	4.235294	441.4369	0
141	PATRICK C(302 - LIBER	56.61865	360.0027	1	54.50679	4.235294	359.6505	0
141	PATRICK C(401 - MEAI	144.2173	314.8712	0	142.1452	2.117647	317.7087	0
141	PATRICK C(402 - STUA	151.6953	458.6623	2	156.039	8.470588	460.3107	0
141	PATRICK C(501 - STUA	49.14072	205.7158	1	51.30051	5.294118	203.4175	0
141	PATRICK C(502 - ELAM	84.39384	310.6729	0	81.22581	3.176471	314.5631	0
141	PATRICK C(503 - WOO	121.7835	415.6299	2	120.7699	6.352941	424.6602	0
143	PITTSYLVAI103 - TWIN	231.6301	1308.704	2.222222	238.8966	6.349515	1305.404	0
143	PITTSYLVAI105 - CHAT	184.879	441.4529	1.111111	192.179	1.058252	439.3085	0
143	PITTSYLVAI106 - TUNS	151.9408	495.7214	0	152.8938	3.174757	493.5699	0
143	PITTSYLVAI108 - WEST	119.0026	250.4697	0	119.9792	1.058252	252.5241	0
143	PITTSYLVAI201 - CALL	140.2531	488.416	0	144.3997	4.23301	484.1785	0
143	PITTSYLVAI202 - BEAR	47.81354	111.6678	0	48.84108	1.058252	109.5663	0
143	PITTSYLVAI204 - SAND	100.9397	312.0435	0	105.1145	6.349515	309.916	0
143	PITTSYLVAI206 - CLIM	94.56456	381.9663	0	86.00277	2.116505	393.395	0
143	PITTSYLVAI207 - GRET	268.8184	876.6441	1.111111	274.9965	3.174757	878.6171	1
143	PITTSYLVAI301 - CENT	318.757	212.8993	1.111111	321.714	4.23301	210.7846	0
143	PITTSYLVAI305 - RICE	274.131	234.8154	1.111111	281.3671	1.058252	228.5239	0
143	PITTSYLVAI307 - EAST	472.8228	133.5839	0	478.8549	0	131.4795	0
143	PITTSYLVAI308 - MT A	159.3785	125.2349	0	158.2026	1.058252	127.3056	0
143	PITTSYLVAI309 - EAST	144.5032	179.5033	1.111111	146.5232	1.058252	178.4365	0
143	PITTSYLVAI402 - KEEL	107.3148	520.7683	0	97.68215	6.349515	524.8746	0
143	PITTSYLVAI404 - KENT	268.8184	868.2951	1.111111	262.2553	6.349515	874.4431	0
143	PITTSYLVAI405 - RING	348.5076	844.2917	0	344.0111	13.75728	845.2254	1
143	PITTSYLVAI501 - HURT	269.8809	643.9159	0	281.3671	3.174757	634.4408	0
143	PITTSYLVAI502 - MOTI	303.8816	698.1844	0	305.7876	3.174757	704.3545	0
143	PITTSYLVAI503 - RENA	134.9404	385.0972	0	139.0909	4.23301	381.9167	0
143	PITTSYLVAI603 - STON	165.7536	524.9428	0	166.6967	4.23301	525.9181	1
143	PITTSYLVAI604 - SWAI	192.3167	372.5737	0	202.7966	3.174757	363.1339	0
143	PITTSYLVAI605 - WHIT	185.9416	436.2348	0	177.3143	5.291262	439.3085	0
143	PITTSYLVAI606 - BROS	280.5061	303.6946	0	277.12	4.23301	302.6116	0
143	PITTSYLVAI607 - DRY F	70.12653	230.6409	0	66.89104	2.116505	232.6979	0
143	PITTSYLVAI702 - BACH	130.6904	773.3253	0	134.8438	3.174757	772.1813	0
143	PITTSYLVAI703 - FERR	60.56382	111.6678	0	62.64399	0	110.6097	0
143	PITTSYLVAI704 - MT H	381.4458	961.1776	1.111111	376.9257	10.58252	964.1831	1
143	PITTSYLVAI705 - MT C	116.8776	480.067	0	113.6086	3.174757	482.0915	0
145	POWHATA101 - SUBL	332.0092	1039.576	0	343.897	20.75758	1005.133	2.666667
145	POWHATA102 - MAN.	290.2403	766.7794	0	310.6857	4.151515	744.8943	0
145	POWHATA103 - FLAT	159.5786	558.2323	0	155.3429	11.41667	558.4074	0
145	POWHATA1201 - POW	204.5605	804.6971	0	202.4814	14.5303	796.5207	0
145	POWHATA1202 - GRAC	292.3823	960.5808	2	311.7571	19.7197	929.2741	0
145	POWHATA1301 - BETH	277.3884	732.0216	1	278.5458	14.5303	718.5544	0
145	POWHATA1302 - LEE'S	246.3294	667.7722	0	247.4773	7.265152	664.8208	0

145	POWHATA|401 - POW	355.5712	1275.508	2	381.3935	19.7197	1234.818	1.333333
145	POWHATA|402 - MT ZI	154.2236	446.5858	0	152.1289	8.30303	440.4043	0
145	POWHATA|501 - SMIT	380.2041	547.6996	1	383.5362	12.45455	536.2818	0
145	POWHATA|502 - PINE\	225.9805	329.673	0	241.0493	2.075758	317.1332	0
145	POWHATA|503 - TOBA	98.53177	313.874	0	100.705	2.075758	309.758	0
147	PRINCE ED|101 - FARM	366.2778	334.1891	2.2	364.4829	8.689655	332.599	1
147	PRINCE ED|201 - LOCK	411.6667	495.3736	2.2	428.9278	5.431034	478.5135	1
147	PRINCE ED|301 - LEIGH	268.1111	255.746	2.2	266.231	9.775862	253.2044	0
147	PRINCE ED|302 - MT P	175.2222	116.0528	0	175.3744	2.172414	116.9461	0
147	PRINCE ED|401 - HAM|	292.3889	311.6233	0	291.5864	7.603448	305.7765	0
147	PRINCE ED|501 - DARL	149.8889	274.0136	1.1	161.6403	1.086207	270.3708	0
147	PRINCE ED|502 - BUFF	99.22222	166.5573	0	99.3084	1.086207	165.2266	0
147	PRINCE ED|601 - PROS	449.6667	384.6936	1.1	454.2831	11.94828	383.0254	0
147	PRINCE ED|701 - WEST	377.8889	339.5619	2.2	403.5724	4.344828	318.6513	0
147	PRINCE ED|801 - CENT	240.6667	89.18874	0	235.5933	10.86207	83.68621	0
149	PRINCE GE|101 - RICH/	254.7035	484.1247	1.428571	248.2263	7.411765	485.0123	1.333333
149	PRINCE GE|102 - TEMF	443.5727	1337.713	1.428571	462.0663	8.470588	1328.188	0
149	PRINCE GE|103 - UNIO	497.5353	648.6847	1.428571	498.6018	12.70588	647.0384	0
149	PRINCE GE|104 - RIVES	424.1461	310.0097	0	429.8291	4.235294	305.9309	0
149	PRINCE GE|105 - HARR	91.73644	321.6881	0	92.41326	6.352941	320.8543	0
149	PRINCE GE|201 - BLAN	570.9244	1036.197	0	585.6422	14.82353	1017.993	1.333333
149	PRINCE GE|202 - BLAC	374.5005	734.6805	1.428571	370.7276	18	729.1175	0
149	PRINCE GE|203 - BRAN	152.1746	326.9965	0	155.8131	6.352941	316.5905	0
149	PRINCE GE|204 - COUF	736.05	683.72	2.857143	750.0518	26.47059	652.3683	0
149	PRINCE GE|205 - JEFFE	553.6564	244.1857	1.428571	556.6287	3.176471	240.9072	1.333333
153	PRINCE WI 101 - BREN	336.007	888.1145	7.205882	349.1531	8.702011	874.2912	0
153	PRINCE WI 102 - CEDA	1085.046	984.3082	4.117647	1101.003	26.10603	950.4138	1.032258
153	PRINCE WI 103 - GLEN	695.4563	759.4833	1.029412	711.6922	13.05302	735.4793	0
153	PRINCE WI 104 - NOKE	570.4305	862.3882	2.058824	581.1781	16.31627	838.4688	1.032258
153	PRINCE WI 105 - LIME'	1030.347	958.582	3.088235	1067.538	25.01828	905.6358	1.032258
153	PRINCE WI 106 - WEST	637.4086	243.84	0	646.9929	13.05302	231.7263	1.032258
153	PRINCE WI 107 - MAR'	1225.7	955.2264	3.088235	1234.864	23.93053	938.0999	1.032258
153	PRINCE WI 108 - VICTC	1189.978	857.9141	1.029412	1221.478	21.75503	814.9603	1.032258
153	PRINCE WI 109 - PINE\	905.3211	588.3479	2.058824	920.2916	20.66728	556.3671	1.032258
153	PRINCE WI 110 - BUCK	670.115	617.782	1.029412	678.7224	11.0955	604.2346	0
153	PRINCE WI 111 - BRIST	1189.978	1087.213	3.088235	1220.362	20.66728	1043.328	0
153	PRINCE WI 112 - BURK	923.8753	795.2116	1.071429	946.3839	16.725	765.4223	0
153	PRINCE WI 201 - SAUN	886.1337	333.9989	1.178571	887.205	11.97716	327.6786	0
153	PRINCE WI 202 - MAR'	766.8997	979.8341	1.029412	787.5465	23.93053	940.3388	0
153	PRINCE WI 203 - BENN	840.5756	832.1879	1.029412	848.8993	17.40402	807.1241	0
153	PRINCE WI 204 - ELLIS	663.0835	483.2058	0	674.8805	22.84278	456.736	1.032258
153	PRINCE WI 205 - BUCK	776.5752	839.9631	2.142857	802.7812	15.61	807.8661	1.384615
153	PRINCE WI 206 - COLE	579.3609	702.4381	4.117647	593.4486	29.36929	669.4317	0
153	PRINCE WI 207 - SPRIG	1220.118	755.0091	0	1232.633	15.22852	733.2404	1.032258
153	PRINCE WI 208 - HYLTI	488.9404	701.3196	0	497.5152	11.96527	685.104	0
153	PRINCE WI 209 - INDEI	394.0547	724.8088	0	390.4267	13.05302	717.568	0
153	PRINCE WI 210 - PENN	703.8503	833.7847	0	712.2813	16.31735	807.5125	1.032258

153	PRINCE WI 211 - SIGN	655.0141	670.8039	3.214286	663.6796	23.415	643.2575	2.769231
153	PRINCE WI 212 - YORK	1077.528	633.4722	2.142857	1086.879	22.3	609.4018	1.384615
153	PRINCE WI 213 - SARA	631.8271	281.8701	3.088235	638.0688	7.61426	275.3849	2.064516
153	PRINCE WI 214 - LUCA	353.8678	617.4297	2.058824	355.8461	10.87751	610.1008	1.032258
153	PRINCE WI 215 - ROSA	842.8806	365.7004	1.178571	860.5889	11.97716	339.0169	2.27907
153	PRINCE WI 301 - DUM	666.5411	243.4229	0	666.5128	10.88832	238.1055	0
153	PRINCE WI 302 - POTC	1438.442	261.5381	0	1441.708	14.15482	248.31	2.27907
153	PRINCE WI 303 - GRAF	527.9094	191.3417	0	525.669	6.532995	185.9491	0
153	PRINCE WI 304 - QUAI	73.67595	72.70458	0	75.85434	1.087751	70.52541	0
153	PRINCE WI 305 - PATT	824.9474	626.378	6.176471	848.8993	17.40402	595.5479	1.032258
153	PRINCE WI 306 - WASI	929.8798	719.2161	0	944.8327	14.14077	698.5374	0
153	PRINCE WI 307 - HENC	740.1084	630.8521	5.147059	761.8899	10.87751	605.623	2.064516
153	PRINCE WI 308 - MON	510.1501	440.7016	0	523.1718	7.61426	420.9136	2.064516
153	PRINCE WI 309 - ASHL	607.2684	530.1842	0	629.1448	9.789762	502.6335	0
153	PRINCE WI 310 - FORE	841.6919	371.3526	3.088235	844.4373	13.05302	359.3438	2.064516
153	PRINCE WI 311 - SWAI	1382.99	444.9544	2.357143	1396.239	14.15482	425.1884	1.139535
153	PRINCE WI 312 - TRIA	992.7623	422.6772	3.237395	1008.147	8.709579	404.0314	0
153	PRINCE WI 313 - CARD	680.9444	318.7816	1.029412	690.4976	6.526508	304.4907	2.064516
153	PRINCE WI 314 - CABII	717.7824	414.9754	1.029412	719.5007	11.96527	404.1218	1.032258
153	PRINCE WI 401 - EVER	679.7984	957.7913	1.071429	682.5409	23.415	936.2841	0
153	PRINCE WI 402 - BATT	672.7171	998.6228	2.142857	677.8256	14.495	984.149	1.384615
153	PRINCE WI 403 - BULL	669.1765	530.81	0	661.322	10.035	532.351	1.384615
153	PRINCE WI 404 - BEN I	802.6213	322.1372	0	807.6256	17.40402	300.0129	2.064516
153	PRINCE WI 405 - UNIT	1021.417	463.0723	1.029412	1021.803	21.75503	458.9749	1.032258
153	PRINCE WI 406 - ALVE	433.1354	513.3108	3.214286	434.9872	2.23	511.3372	1.384615
153	PRINCE WI 407 - HERIT	1046.842	1303.109	2.142857	1079.806	17.84	1261.999	1.384615
153	PRINCE WI 408 - SUDL	468.847	461.9537	2.058824	475.2051	25.01828	433.2275	2.064516
153	PRINCE WI 409 - TYLEF	895.776	618.3062	3.214286	902.9815	23.415	590.7229	0
153	PRINCE WI 410 - MOU	835.5855	934.459	2.142857	845.219	14.495	912.9353	0
153	PRINCE WI 411 - MULL	814.9007	250.5512	0	822.1272	20.66728	222.7707	0
153	PRINCE WI 412 - CATH	414.2521	643.9717	1.071429	426.7354	5.575	630.4157	1.384615
153	PRINCE WI 413 - REAG	876.8927	979.957	5.357143	874.6897	13.38	972.4746	4.153846
153	PRINCE WI 501 - LAKE	871.8321	512.2877	2.058824	887.9419	8.702011	491.439	1.032258
153	PRINCE WI 502 - OCCC	588.9074	321.5447	1.178571	592.2093	14.15482	312.9387	1.139535
153	PRINCE WI 503 - OLD F	784.1008	300.0329	4.714286	795.1575	11.97716	286.8605	1.139535
153	PRINCE WI 504 - ROCK	676.5226	473.2594	1.178571	684.2569	15.24365	459.2035	1.139535
153	PRINCE WI 505 - MOH	928.7635	587.2293	1.029412	933.6776	17.40402	568.6811	1.032258
153	PRINCE WI 506 - BETH	1117.926	652.1469	1.178571	1143.385	15.24365	630.4127	1.139535
153	PRINCE WI 507 - CHINI	774.1193	465.334	0	797.3755	11.97716	430.8576	0
153	PRINCE WI 508 - SPRIN	668.6651	290.8183	1.029412	677.1115	6.526508	277.6238	0
153	PRINCE WI 509 - MC C	830.5289	894.8256	3.088235	858.9388	9.789762	861.9772	0
153	PRINCE WI 510 - YATE	498.0467	620.6394	1.071429	486.8556	11.15	624.5785	1.384615
153	PRINCE WI 511 - WEST	925.4146	570.4513	2.058824	948.1792	15.22852	536.217	1.032258
153	PRINCE WI 512 - YORK	1065.8	243.4229	4.714286	1083.499	11.97716	217.6965	4.55814
153	PRINCE WI 513 - LYNN	799.6275	672.5265	4.714286	832.8637	10.88832	639.4834	3.418605
153	PRINCE WI 514 - ANTI	1069.128	601.1979	1.178571	1073.518	33.75381	566.9179	1.139535
153	PRINCE WI 601 - DALE	782.9917	186.8129	0	787.3945	9.799492	175.7446	0

153	PRINCE WI 602 - BEVIL	1397.407	486.8458	2.357143	1400.675	14.15482	471.6757	2.27907
153	PRINCE WI 603 - HAM	699.8127	163.0367	1.178571	709.764	3.266497	159.8709	1.139535
153	PRINCE WI 604 - GIDE	729.7572	255.8771	1.178571	746.3612	9.799492	234.704	0
153	PRINCE WI 605 - MINN	801.8456	381.5512	2.357143	816.2286	13.06599	362.8275	1.139535
153	PRINCE WI 606 - BEL A	750.8292	367.9648	4.714286	762.9963	10.88832	360.5598	1.139535
153	PRINCE WI 607 - KERR	973.7489	365.7004	4.714286	994.7786	11.97716	340.1507	1.139535
153	PRINCE WI 608 - ENTE	889.4609	324.9413	1.178571	909.3851	5.444162	312.9387	0
153	PRINCE WI 609 - KING	1173.422	464.2018	5.892857	1177.804	17.42132	447.8652	1.139535
153	PRINCE WI 610 - FITZG	983.7304	344.1887	1.178571	995.8876	10.88832	326.5447	3.418605
153	PRINCE WI 611 - NEAB	718.6666	224.1755	0	723.0721	4.35533	218.8303	3.418605
153	PRINCE WI 701 - BELM	856.1892	477.7882	2.357143	881.66	6.532995	458.0697	1.139535
153	PRINCE WI 702 - LIBRA	936.0411	285.3143	1.178571	940.4373	16.33249	269.8529	1.139535
153	PRINCE WI 703 - LYNN	503.5103	127.9385	1.178571	517.9059	7.621827	114.5174	0
153	PRINCE WI 704 - PORT	956.0041	174.3587	0	957.0724	6.532995	171.2092	2.27907
153	PRINCE WI 705 - POTC	486.8745	294.3719	2.357143	497.9438	9.799492	286.8605	1.139535
153	PRINCE WI 706 - RIPP	971.5308	433.6324	0	993.6696	13.06599	405.9132	0
153	PRINCE WI 707 - KILBY	649.9053	241.1585	2.357143	659.8587	3.266497	233.5702	2.27907
153	PRINCE WI 708 - RIVE	1138.998	221.9111	1.178571	1144.494	7.621827	214.295	3.418605
153	PRINCE WI 709 - FREE	1143.434	218.5145	2.357143	1147.821	15.24365	206.3581	2.27907
153	PRINCE WI 710 - POW	926.0596	153.9791	2.357143	928.2382	9.799492	145.131	0
153	PRINCE WI 711 - GRAY	958.2222	276.2567	1.178571	954.8544	7.621827	282.3251	0
153	PRINCE WI 712 - LEES	973.7489	474.3916	0	987.0156	10.88832	450.1328	1.139535
155	PULASKI CC 101 - BELS	172.5656	314.8564	2.142857	172.5739	2.133333	319.9979	0
155	PULASKI CC 102 - NEW	612.9785	812.9402	2.142857	619.3602	22.4	798.9422	0
155	PULASKI CC 103 - WEST	223.3825	574.9551	0	214.9233	13.86667	579.9962	0
155	PULASKI CC 201 - DRAP	243.4975	662.3567	0	224.4519	11.73333	677.8903	0
155	PULASKI CC 202 - SOUT	57.16898	121.0986	0	53.9955	3.2	126.315	0
155	PULASKI CC 203 - NEW	449.941	918.2433	1.071429	445.7276	12.8	923.1519	0
155	PULASKI CC 301 - DUBL	351.4833	957.2054	1.071429	340.9128	12.8	970.52	0
155	PULASKI CC 302 - HIWA	51.87555	216.9244	0	48.70183	6.4	215.7881	0
155	PULASKI CC 304 - SNOV	184.2111	540.2051	0	188.4549	11.73333	534.7334	1
155	PULASKI CC 401 - MASS	517.6968	1215.198	4.285714	512.4279	17.06667	1226.308	2
155	PULASKI CC 402 - WAL	121.7487	495.9777	1.071429	124.9308	7.466667	489.4705	1
155	PULASKI CC 501 - ROBI	603.4503	1212.039	3.214286	586.5394	38.4	1217.887	1
157	RAPPAHAN 101 - WAS	346.6354	360.1168	1	346.9025	3.125	359.971	0
157	RAPPAHAN 201 - AMIS	234.0625	408.3467	0	233.1274	9.375	402.8247	0
157	RAPPAHAN 301 - SPER	361.125	307.5998	1	358.057	5.208333	309.6179	1
157	RAPPAHAN 401 - SCRA	276.4167	314.0304	1	271.0525	6.25	323.5453	1
157	RAPPAHAN 501 - CHES	81.36458	187.5608	0	79.1964	0	191.7703	0
157	RAPPAHAN 502 - FLINT	198.3958	184.3455	1	199.6642	1.041667	184.2709	0
159	RICHMOND 101 - PREC	299.3374	181.0717	0	298.6364	6	178.1928	0
159	RICHMOND 201 - PREC	133.389	325.5104	0	137.2679	3	320.747	0
159	RICHMOND 301 - PREC	147.0429	300.3907	0	159.2727	1	291.3976	0
159	RICHMOND 401 - PREC	149.1436	332.837	0	146.6986	4	331.2289	2
159	RICHMOND 501 - PREC	127.0871	363.1901	0	134.1244	0	357.4337	0
161	ROANOKE 101 - CATA	101.07	287.1078	0	107.1451	7.21374	294.0383	0
161	ROANOKE 102 - MASC	86.05962	267.1003	1	91.23249	4.122137	277.2959	1.5

161	ROANOKE	(103 - GLEN	282.1955	632.2374	0	309.7661	9.274809	645.6286	0
161	ROANOKE	(104 - NOR	351.2433	407.1529	0	384.0252	7.21374	412.2815	0
161	ROANOKE	(105 - PETE	584.4049	937.3519	1	632.2624	21.64122	958.5021	0
161	ROANOKE	(106 - GREE	497.3445	986.3703	1	537.8474	18.54962	1017.101	0
161	ROANOKE	(107 - BENN	117.0811	368.1382	0	126.2403	9.274809	377.7503	1.5
161	ROANOKE	(108 - WILD	232.1608	481.1807	0	249.2981	24.73282	479.2511	0
161	ROANOKE	(201 - PLAN	317.5508	573.3282	3.209302	324.0434	17.57955	555.6971	4.2
161	ROANOKE	(202 - BURL	272.945	335.7613	0	275.1713	18.61364	319.0504	0
161	ROANOKE	(203 - MOU	528.8974	1026.289	18.18605	549.2801	8.272727	1007.861	3.15
161	ROANOKE	(204 - BOTE	502.348	718.2697	3	543.1516	18.54962	728.2942	0
161	ROANOKE	(205 - ORCH	552.2623	1220.566	1.069767	564.1542	19.64773	1191.685	1.05
161	ROANOKE	(206 - HOLL	215.5947	293.5271	5.348837	225.2367	1.034091	288.4131	0
161	ROANOKE	(301 - BENT	133.0922	242.0909	1	140.0313	14.42748	244.8575	0
161	ROANOKE	(302 - POAC	584.1236	1208.952	2.139535	610.9014	20.68182	1173.725	2.1
161	ROANOKE	(303 - WINC	336.6676	547.9877	3.209302	349.5419	14.47727	530.3421	0
161	ROANOKE	(304 - OAK	735.9958	1129.763	1.069767	753.268	16.54545	1102.943	1.05
161	ROANOKE	(305 - CAST	802.9045	1144.545	2.139535	826.5762	22.75	1109.281	1.05
161	ROANOKE	(306 - GARS	358.9705	452.961	0	359.1038	8.272727	452.1642	0
161	ROANOKE	(402 - BONS	104.0802	258.684	2.139535	115.8057	4.136364	246.1548	0
161	ROANOKE	(403 - NOR	297.372	606.0596	0	298.5449	8.272727	596.899	0
161	ROANOKE	(404 - SOUT	407.8245	662.0199	1.069767	417.5379	8.272727	644.4396	1.05
161	ROANOKE	(405 - LIND	627.6674	1278.638	0	643.837	22.75	1259.298	1.05
161	ROANOKE	(406 - MOU	383.3975	885.8607	0	386.7272	9.306818	881.0863	1.05
161	ROANOKE	(501 - COTT	385.5216	614.5065	0	398.414	10.34091	593.7296	1.05
161	ROANOKE	(502 - PENN	348.3501	485.6924	1.069767	355.9165	8.272727	475.4063	0
161	ROANOKE	(503 - CAVE	440.7478	670.4667	0	454.7232	6.204545	655.0042	0
161	ROANOKE	(504 - OGD	369.591	382.2188	1.069767	375.0404	14.47727	366.591	1.05
161	ROANOKE	(505 - CLEA	238.9597	493.0834	0	232.6738	8.272727	493.366	0
161	ROANOKE	(506 - MOU	366.4048	414.9502	2.139535	369.7282	7.238636	412.0188	2.1
161	ROANOKE	(507 - HUN	619.171	891.14	2.139535	642.7746	17.57955	857.8442	1.05
163	ROCKBRID	(101 - AIRP	344.7508	439.5505	2	382.8998	5.422535	403.0935	2
163	ROCKBRID	(102 - BEN	197.9327	349.7385	1	194.7132	8.676056	346.1117	0
163	ROCKBRID	(103 - PLAN	84.82828	201.8129	0	87.02268	2.169014	199.4363	0
163	ROCKBRID	(104 - EFFIN	108.7542	222.9451	0	110.9539	1.084507	221.5959	0
163	ROCKBRID	(201 - COLLI	210.9832	290.5683	1	218.6445	5.422535	282.7986	1
163	ROCKBRID	(202 - HIGH	402.3906	570.5704	0	406.831	8.676056	567.7077	1
163	ROCKBRID	(203 - VO-TI	142.468	119.3971	0	145.763	4.338028	112.9084	0
163	ROCKBRID	(301 - MAU	172.9192	272.6059	0	167.5187	4.338028	277.5225	0
163	ROCKBRID	(302 - NATL	131.5926	271.5492	0	137.0607	5.422535	268.0256	0
163	ROCKBRID	(303 - FALLI	65.25253	174.341	0	60.91587	3.253521	176.2215	0
163	ROCKBRID	(401 - FAIRF	158.7811	358.1914	0	152.2897	4.338028	366.1609	0
163	ROCKBRID	(402 - MOU	213.1582	471.2489	1	219.7323	6.507042	462.1858	1
163	ROCKBRID	(403 - VESU	52.20202	164.8314	0	51.12582	1.084507	166.7246	0
163	ROCKBRID	(501 - GOSH	35.88889	180.6806	0	34.80907	0	184.6633	1
163	ROCKBRID	(502 - MEAL	213.1582	266.2662	0	224.0834	7.591549	251.1421	2
163	ROCKBRID	(503 - ROCK	140.2929	201.8129	1	154.4653	0	195.2155	1
163	ROCKBRID	(504 - ROCK	231.6465	389.8898	0	225.1712	8.676056	391.4861	0

165 ROCKINGH 101 - BROA	347.6849	874.9603	1.0625	360.7029	24.6901	853.2619	0
165 ROCKINGH 102 - TIMB	156.1908	422.3946	1.0625	156.2689	8.230032	415.1848	1
165 ROCKINGH 103 - FULK	105.9102	559.7249	0	103.8225	5.14377	559.8231	0
165 ROCKINGH 104 - BERG	42.79199	222.6415	0	39.6024	3.086262	226.8428	0
165 ROCKINGH 105 - LACE	99.49137	453.6061	0	90.97848	8.230032	460.9696	0
165 ROCKINGH 106 - TENT	89.86317	394.3043	0	101.6818	8.230032	382.9273	0
165 ROCKINGH 107 - PLAIN	126.2364	456.7272	1.0625	116.6665	7.201278	463.0507	0
165 ROCKINGH 108 - LITTL	83.44438	291.3066	1.0625	85.6268	9.258786	286.1549	0
165 ROCKINGH 201 - SINGI	189.3545	627.3497	0	189.4493	12.34505	622.2569	0
165 ROCKINGH 202 - EDON	420.4313	872.8795	2.125	420.6417	22.63259	860.5459	0
165 ROCKINGH 203 - DAYT	204.3317	426.5562	0	204.434	6.172524	423.5093	0
165 ROCKINGH 204 - MT C	220.3787	706.4186	1.0625	222.6297	11.31629	700.2991	1
165 ROCKINGH 205 - SILVE	359.4527	866.6373	0	381.0393	13.3738	834.5318	0
165 ROCKINGH 301 - KEEZI	142.2834	447.3638	0	151.9876	13.3738	426.631	0
165 ROCKINGH 302 - PORT	241.7747	682.4898	0	242.966	7.201278	679.4879	0
165 ROCKINGH 303 - MELR	134.7948	410.9504	0	134.8622	7.201278	404.7791	0
165 ROCKINGH 304 - GROT	180.7961	585.7344	0	183.0273	5.14377	587.9183	0
165 ROCKINGH 305 - MASS	515.6435	659.6015	0	534.0972	11.31629	637.8653	1
165 ROCKINGH 306 - CROS	93.07257	261.1356	0	92.04881	3.086262	259.1003	0
165 ROCKINGH 307 - CROS	615.1348	944.6658	0	642.201	11.31629	921.9391	0
165 ROCKINGH 401 - BRID	710.347	1174.59	1.0625	728.8981	23.66134	1150.863	1
165 ROCKINGH 402 - MON	194.7035	732.4281	2.125	210.856	5.14377	720.0698	0
165 ROCKINGH 403 - MT C	44.93159	99.87656	0	50.30575	0	92.61014	0
165 ROCKINGH 404 - NORT	241.7747	595.0979	1.0625	244.0364	11.31629	587.9183	0
165 ROCKINGH 405 - OTTC	143.3532	793.8106	0	145.5656	13.3738	781.4631	1
165 ROCKINGH 501 - ELKT	223.5881	631.5112	1.0625	223.7	8.230032	630.5814	1
165 ROCKINGH 502 - SWIF	204.3317	1026.856	1.0625	198.012	10.28754	1031.198	1
165 ROCKINGH 503 - MCG	298.4741	834.3855	1.0625	292.2015	28.80511	814.7611	0
165 ROCKINGH 504 - SOUT	93.07257	442.1619	0	81.34546	6.172524	447.4422	0
165 ROCKINGH 505 - STON	419.3615	639.8342	2.125	431.345	16.46006	616.0135	0
167 RUSSELL C(101 - MOC	78.11221	419.4011	0	79.6766	2.142857	421.294	0
167 RUSSELL C(102 - COPP	93.96107	303.7767	0	96.50969	3.214286	298.0655	0
167 RUSSELL C(103 - SOUT	79.24427	221.7886	1	78.5544	4.285714	219.0729	0
167 RUSSELL C(201 - NORT	191.3183	627.525	0	194.1416	7.5	627.7281	0
167 RUSSELL C(202 - DANT	32.82977	116.6755	0	37.03279	2.142857	114.8026	1
167 RUSSELL C(301 - COOK	36.22595	114.5732	0	38.15499	1.071429	114.8026	0
167 RUSSELL C(302 - DAUC	58.86718	201.8171	0	67.33234	2.142857	195.9017	0
167 RUSSELL C(303 - NEW	101.8855	326.9016	0	102.1207	0	329.6626	0
167 RUSSELL C(304 - CLEVI	79.24427	187.1012	0	70.69896	4.285714	194.8485	0
167 RUSSELL C(401 - DRILL	26.0374	43.09635	1	25.81073	0	43.18264	0
167 RUSSELL C(402 - SWOI	93.96107	519.2585	1	87.53204	7.5	517.1384	0
167 RUSSELL C(403 - HON/	78.11221	176.5899	2	70.69896	3.214286	184.3161	0
167 RUSSELL C(501 - WEST	268.2985	854.5692	1	274.9404	13.92857	843.6413	0
167 RUSSELL C(601 - EAST	119.9985	487.7246	1	139.1535	6.428571	475.009	0
167 RUSSELL C(602 - ELK G	144.9038	559.2015	0	143.6423	2.142857	564.534	0
169 SCOTT COL 101 - WEBE	83.24051	342.9329	1	87.54706	1.0625	346.076	1
169 SCOTT COL 102 - YUM/	105.6514	438.9542	0	104.6294	2.125	439.9808	0

169	SCOTT COL 202 - WEBE	53.3593	299.6706	0	55.51765	1.0625	300.7063	0
169	SCOTT COL 203 - HILTC	103.517	472.7199	0	99.29118	2.125	475.8545	0
169	SCOTT COL 204 - CLAR	24.54528	127.6766	0	25.62353	1.0625	127.6683	0
169	SCOTT COL 301 - NICKI	46.95618	343.9881	1	49.11176	1.0625	342.9107	1
169	SCOTT COL 302 - SNOV	51.22493	271.1808	0	54.45	4.25	266.9428	0
169	SCOTT COL 303 - TWIN	60.8296	230.0289	3	60.85588	4.25	238.4548	0
169	SCOTT COL 304 - COPP	19.20935	69.64177	0	20.28529	1.0625	67.52703	0
169	SCOTT COL 401 - GATE	212.37	883.1842	3	214.5971	15.9375	870.4656	0
169	SCOTT COL 501 - DUNC	62.96397	174.1044	0	61.92353	3.1875	173.038	0
169	SCOTT COL 502 - FORT	55.49367	186.7666	0	49.11176	0	201.526	0
169	SCOTT COL 503 - MAN'	23.47809	128.7317	0	20.28529	3.1875	128.7234	0
169	SCOTT COL 504 - RYE C	42.68744	291.2292	1	38.43529	1.0625	299.6512	0
169	SCOTT COL 601 - CLINC	30.94839	201.539	0	28.82647	3.1875	200.4709	0
169	SCOTT COL 602 - DUFF	84.30769	423.1265	0	85.41176	5.3125	428.3746	0
169	SCOTT COL 603 - FAIRV	35.21714	86.52462	0	33.09706	1.0625	88.62922	0
171	SHENANDC 101 - ORKN	236.8549	441.3043	0	240.7347	12.47682	431.046	0
171	SHENANDC 103 - NEW	430.8401	1131.951	0	429.0427	22.87417	1131.365	1.2
171	SHENANDC 201 - CONI	259.3614	803.3198	2	246.0844	10.39735	815.1257	0
171	SHENANDC 202 - MT J	267.9354	639.526	1	267.483	18.71523	633.5228	0
171	SHENANDC 302 - EDINI	271.1506	748.0264	0	262.1333	8.317881	753.5477	0
171	SHENANDC 303 - ST LU	225.0657	822.0987	0	211.8465	5.198675	840.1743	0
171	SHENANDC 304 - FORT	158.6177	410.0061	1	153.0003	13.51656	405.9973	1.2
171	SHENANDC 401 - WOO	745.9321	1393.812	3	779.9804	27.03311	1353.672	3.6
171	SHENANDC 501 - CEDA	39.65444	63.63962	0	39.58748	2.07947	61.57799	0
171	SHENANDC 503 - TOM'	419.0509	1027.623	2	415.1336	13.51656	1040.564	0
171	SHENANDC 504 - LEBAL	251.8593	688.5598	3	259.9935	11.43709	682.5764	0
171	SHENANDC 601 - STRA'	607.6774	1088.133	0	626.9801	11.43709	1070.831	0
173	SMYTH CO|101 - SALT	223.1716	793.6847	0	223.8935	4.105263	799.7875	2
173	SMYTH CO|201 - SEVEI	127.3762	610.6848	1	136.6486	9.236842	595.9806	0
173	SMYTH CO|202 - RICH	86.32108	205.6178	0	89.34717	1.026316	205.8655	0
173	SMYTH CO|301 - CHILF	174.7475	803.9656	0	179.7455	14.36842	794.6408	0
173	SMYTH CO|302 - ST CL	42.10784	241.6009	0	36.79001	4.105263	244.9799	4
173	SMYTH CO|401 - EAST	201.065	479.0894	0	211.2798	5.131579	469.3733	0
173	SMYTH CO|402 - WEST	110.5331	218.9829	0	110.37	1.026316	218.2174	0
173	SMYTH CO|501 - ATKIN	107.375	603.4882	0	100.9097	5.131579	611.4205	0
173	SMYTH CO|502 - WAS'	186.3272	358.803	0	201.8195	5.131579	345.854	0
173	SMYTH CO|601 - ROYA	160.0098	494.5108	1	169.2341	6.157895	484.8132	0
173	SMYTH CO|602 - ROYA	81.0576	297.1177	0	85.1426	4.105263	292.329	0
173	SMYTH CO|701 - ADW'	91.58456	629.1904	0	75.68231	8.210526	641.271	0
173	SMYTH CO|702 - SUGA	115.7966	339.2694	0	115.6258	8.210526	332.4728	1
173	SMYTH CO|703 - KONN	10.52696	72.99432	0	10.51143	2.052632	69.99427	0
175	SOUTHAMI 101 - BERLI	89.52109	363.5105	1	89.46689	7.5	359.2992	0
175	SOUTHAMI 102 - IVOR	248.7854	372.8313	0	245.5138	3.214286	373.7955	0
175	SOUTHAMI 201 - BOYK	359.1253	250.6255	1	363.0691	7.5	247.4712	0
175	SOUTHAMI 202 - BRAN	81.19355	125.3127	0	87.38626	1.071429	118.0407	0
175	SOUTHAMI 301 - CAPR	258.1538	257.875	0	256.9572	4.285714	255.7548	0
175	SOUTHAMI 302 - SEBRI	183.206	283.766	0	181.0144	5.357143	282.6764	0

175 SOUTHAMI401 - DREV	184.2469	165.7028	0	187.2563	2.142857	163.6002	0
175 SOUTHAMI501 - HUN1	243.5806	536.4628	1	233.03	10.71429	540.502	2
175 SOUTHAMI502 - FORK	160.3052	171.9166	0	153.9663	3.214286	173.9547	0
175 SOUTHAMI601 - COUF	294.5868	412.1857	1	308.9729	8.571429	392.4335	0
175 SOUTHAMI602 - SEDLI	52.04715	225.77	0	46.81407	4.285714	227.7978	0
175 SOUTHAMI701 - BLAC	189.4516	121.1702	0	192.4578	1.071429	121.147	0
175 SOUTHAMI702 - NEW'	172.7965	315.8709	0	183.095	1.071429	307.527	0
177 SPOTSYLVA 101 - PART	286.6006	765.6736	1.107143	281.2688	20.47183	756.0602	0
177 SPOTSYLVA 102 - BLAYI	347.3947	734.3113	3.321429	326.8799	16.16197	751.7337	1.666667
177 SPOTSYLVA 103 - TRAV	607.9538	813.2723	0	628.7952	9.697183	790.6853	1.666667
177 SPOTSYLVA 104 - MASS	610.6782	802.9508	2	609.7484	19.28571	790.5378	2.333333
177 SPOTSYLVA 201 - WILD	506.9791	723.4967	0	515.8404	12.92958	708.4685	0
177 SPOTSYLVA 202 - WILD	467.8972	786.2214	2.214286	446.3377	22.62676	790.6724	0
177 SPOTSYLVA 203 - NI RI	414.7024	847.8646	1.107143	414.8443	8.619718	843.6724	0
177 SPOTSYLVA 204 - CHAN	742.5562	760.2663	1.107143	741.7242	24.78169	747.4072	0
177 SPOTSYLVA 301 - PLAN	625.3105	847.8646	2.214286	629.8683	17.23944	832.8561	0
177 SPOTSYLVA 302 - HAZE	819.6344	797.036	4.428571	818.8288	26.93662	788.5092	0
177 SPOTSYLVA 303 - RIVEF	829.4048	1281.53	3.321429	860.096	18.3169	1241.713	0
177 SPOTSYLVA 401 - SUMI	770.4108	826.8223	0	779.3041	18.21429	808.9982	0
177 SPOTSYLVA 402 - PARK	838.7326	778.6066	2	870.4742	17.14286	737.8847	2.333333
177 SPOTSYLVA 403 - LEE H	919.2772	1066.623	0	945.5992	22.5	1025.093	1.166667
177 SPOTSYLVA 501 - BELM	283.3438	648.8759	0	284.5267	8.619718	635.9992	3.333333
177 SPOTSYLVA 502 - BROK	223.6353	620.758	1.107143	228.0558	6.464789	613.2849	1.666667
177 SPOTSYLVA 503 - POST	236.6626	701.8675	0	237.8296	8.619718	697.6522	0
177 SPOTSYLVA 504 - COUF	565.602	825.1539	2.214286	571.2254	16.16197	811.2234	0
177 SPOTSYLVA 505 - BROC	514.5784	1061.994	0	523.4423	6.464789	1054.59	3.333333
177 SPOTSYLVA 601 - SALEI	762.0971	839.2129	4.428571	778.6476	17.23944	815.55	0
177 SPOTSYLVA 602 - SMITI	1061.725	964.6622	1.107143	1058.83	24.78169	951.8355	1.666667
177 SPOTSYLVA 603 - PIEDI	428.8153	547.2187	1.107143	428.962	21.5493	531.0809	0
177 SPOTSYLVA 701 - BATT	648.7098	635.8502	1	652.1374	18.21429	621.1369	0
177 SPOTSYLVA 702 - BREN	741.8424	748.5446	1	751.8369	21.44668	727.2015	2.833333
177 SPOTSYLVA 703 - FAIR\	388.7456	329.1247	2.214286	395.3873	8.595573	319.4914	0
177 SPOTSYLVA 704 - GAYL	1069.71	1113.199	0	1088.509	12.91751	1087.662	0
179 STAFFORD 101 - HART	774.1027	1656.211	2.111111	791.5944	27.28326	1628.267	0
179 STAFFORD 102 - ROCK	672.0232	765.2182	0	690.7882	10.49356	746.3771	0
179 STAFFORD 103 - SIMP'	597.5902	850.8296	0	610.1432	13.64163	830.0136	0
179 STAFFORD 104 - COLLI	784.7359	1024.166	0	811.7557	18.88841	991.9933	0
179 STAFFORD 201 - ROCK	586.957	777.9013	2.111111	602.7153	17.83906	753.7879	1.105263
179 STAFFORD 202 - ROSE	899.5754	895.2207	2.111111	905.1341	26.23391	868.1265	0
179 STAFFORD 203 - RUBY	380.6714	841.3172	1.055556	379.8804	18.88841	832.131	0
179 STAFFORD 204 - STEF/	785.7993	1112.949	1.055556	812.8168	12.59227	1081.982	0
179 STAFFORD 301 - GRIFF	677.3398	339.2749	0	688.6659	10.49356	320.7833	0
179 STAFFORD 302 - WIDE	986.7682	687.0053	2.111111	984.718	17.83906	674.3861	0
179 STAFFORD 303 - HARB	403.0013	630.9879	0	425.5085	13.64163	604.5125	1.105263
179 STAFFORD 304 - BARR	354.0882	272.6882	2.111111	351.2302	10.49356	277.377	2.210526
179 STAFFORD 401 - AQUI	373.2281	179.6783	0	366.0859	6.296137	181.0361	0
179 STAFFORD 402 - COUF	1193.054	695.4607	2.111111	1195.881	20.98712	674.3861	4.421053

179 STAFFORD 403 - BROC	727.3162	1122.461	1.055556	727.9273	17.83906	1115.86	0
179 STAFFORD 404 - GOVE	541.2339	764.1612	1.055556	542.2316	22.03648	748.4944	1.105263
179 STAFFORD 501 - GRAF	834.7124	1178.478	1.055556	847.8337	27.28326	1155.032	0
179 STAFFORD 502 - FALM	650.7566	783.186	4.222222	676.9936	27.28326	742.1423	2.210526
179 STAFFORD 503 - DREV	567.8171	720.8271	2.111111	583.6152	29.38197	689.2077	0
179 STAFFORD 504 - GAYL	786.8626	577.0844	2.111111	808.5723	12.59227	554.754	0
179 STAFFORD 601 - FERR	562.5004	910.0177	0	552.8428	33.5794	891.4177	2.210526
179 STAFFORD 602 - CHAT	787.9259	865.6266	2.111111	791.5944	16.7897	856.4809	0
179 STAFFORD 603 - WHIT	581.6403	1146.77	2.111111	583.6152	16.7897	1134.917	1.105263
179 STAFFORD 604 - ENGL	484.8775	230.411	4.222222	487.0534	5.246781	228.6772	1.105263
179 STAFFORD 701 - WOO	886.8154	971.3198	1.055556	923.1731	16.7897	929.5306	1.105263
179 STAFFORD 702 - WHIT	794.3059	558.0597	0	793.7167	15.74034	544.1671	1.105263
179 STAFFORD 703 - HAM	1029.301	1126.689	2.111111	1074.913	22.03648	1067.16	2.210526
181 SURRY COL 101 - SURR	259	378	1	260	9	373	0
181 SURRY COL 201 - BACC	373	221	0	387	4	205	0
181 SURRY COL 301 - DENC	165	165	1	170	1	160	0
181 SURRY COL 302 - WALL	155	116	0	158	0	116	0
181 SURRY COL 401 - CARS	327	218	0	325	8	214	0
181 SURRY COL 501 - CLAR	202	179	1	199	9	173	1
181 SURRY COL 502 - SPRIN	156	30	0	159	1	27	0
183 SUSSEX CO 101 - WAVI	372.8646	128.8416	0	374.0667	6.521739	133.0269	0
183 SUSSEX CO 201 - STON	288.97	135.0759	0	291.4	1.086957	130.9484	0
183 SUSSEX CO 202 - LITTL	60.07262	43.63991	0	64.06667	0	40.53164	0
183 SUSSEX CO 301 - COUF	151.2173	275.3471	0	146.7333	3.26087	278.5251	0
183 SUSSEX CO 302 - WAKI	22.78617	104.9436	0	24.8	4.347826	99.77018	1
183 SUSSEX CO 401 - MAR	272.3983	189.1063	0	284.1667	3.26087	182.912	0
183 SUSSEX CO 402 - WEST	50.75101	14.54664	0	52.7	0	15.58909	0
183 SUSSEX CO 501 - HENR	238.219	148.5835	0	246.9667	2.173913	151.7338	0
183 SUSSEX CO 502 - YALE	100.4663	67.53796	0	107.4667	0	62.35636	0
183 SUSSEX CO 601 - BLAC	153.2888	217.1605	0	148.8	3.26087	223.4436	0
183 SUSSEX CO 602 - NEW	85.96599	112.2169	0	87.83333	1.086957	110.1629	0
185 TAZEWELL 101 - ABBS	20.6498	130.7222	0	11.95213	1.117647	140.1777	0
185 TAZEWELL 102 - TIP T	41.2996	203.9267	1	31.51016	2.235294	213.4048	0
185 TAZEWELL 103 - BOIS	36.95227	90.98267	1	28.25049	2.235294	99.37969	0
185 TAZEWELL 104 - FALLS	38.0391	192.4231	0	32.59672	0	201.8977	0
185 TAZEWELL 106 - POCA	26.08396	74.25023	0	26.07738	0	76.36544	0
185 TAZEWELL 107 - AMO	8.694652	41.83111	0	8.692459	0	42.89018	0
185 TAZEWELL 109 - BISH	14.12881	73.20445	0	9.779016	1.117647	77.41154	0
185 TAZEWELL 110 - ADRI	32.60495	204.9725	1	19.55803	0	218.6353	0
185 TAZEWELL 111 - GAP	40.21277	191.3773	0	36.94295	2.235294	199.8055	0
185 TAZEWELL 112 - BANC	19.56297	89.93689	0	16.29836	0	93.10307	0
185 TAZEWELL 203 - BURK	19.56297	75.296	0	10.86557	0	84.73426	0
185 TAZEWELL 204 - CLEA	38.0391	290.7262	0	33.68328	0	296.0469	0
185 TAZEWELL 207 - FREE	24.99712	92.02845	0	20.64459	0	97.28748	0
185 TAZEWELL 209 - JEFFE	380.391	1094.929	5	340.0925	8.941176	1138.159	3
185 TAZEWELL 214 - THON	61.9494	278.1769	0	49.98164	0	298.1391	0
185 TAZEWELL 301 - CEDA	185.8482	966.2987	2	155.3777	13.41176	1002.166	0

185 TAZEWE	302 - BAPT	58.6889	171.5076	0	43.4623	0	188.2984	0
185 TAZEWE	303 - WARI	86.94652	406.8076	0	78.23213	2.235294	417.3947	0
185 TAZEWE	305 - POUN	47.82059	289.6805	1	44.54885	2.235294	295.0007	0
185 TAZEWE	401 - RICHI	252.1449	1010.221	2	229.2636	8.941176	1037.733	3
185 TAZEWE	402 - JEWE	22.82346	115.0356	0	20.64459	0	121.3478	0
185 TAZEWE	404 - RAVE	65.20989	335.6947	1	57.58754	1.117647	345.2136	0
185 TAZEWE	501 - SPRIN	95.64117	570.9947	1	79.31869	4.470588	586.8632	2
185 TAZEWE	502 - GRAF	271.7079	1095.975	2	271.6393	6.705882	1101.545	1
187 WARREN C	101 - FORK	251.8133	388.5808	0	250.3042	4.233333	388.0155	1
187 WARREN C	102 - OTTE	407.5962	938.0258	1	397.9194	7.408333	949.1778	0
187 WARREN C	201 - HAPP	396.9261	762.5377	0	404.3375	12.7	748.9117	1
187 WARREN C	202 - LINDI	425.7353	705.0862	4	422.522	28.575	695.716	1
187 WARREN C	301 - NORI	332.9058	455.4335	1	329.4602	12.7	450.5987	0
187 WARREN C	302 - RIVEF	314.7667	697.7742	0	301.6486	7.408333	709.2757	0
187 WARREN C	401 - EAST	425.7353	995.4772	4	419.3129	20.10833	988.8138	1
187 WARREN C	402 - TOWI	252.8803	476.3249	1	250.3042	15.875	470.4167	0
187 WARREN C	501 - SOUT	472.6835	706.1308	1	470.6574	10.58333	705.1035	0
187 WARREN C	502 - BENT	136.5767	341.5751	0	134.7792	4.233333	345.2504	0
187 WARREN C	504 - BROV	149.3808	259.0539	0	149.7546	3.175	259.7201	0
191 WASHINGT	101 - EAST	530.5871	932.2514	0	519.9124	13.94203	930.4702	0
191 WASHINGT	102 - WEST	285.9517	509.0721	2.153846	286.5488	4.289855	505.0525	2.4
191 WASHINGT	201 - CLINC	93.50511	383.3753	0	87.91838	2.144928	389.7916	0
191 WASHINGT	202 - GREE	141.3449	628.4841	1.076923	151.9577	10.72464	619.2657	2.4
191 WASHINGT	203 - HAYT	53.27617	257.6785	0	52.09978	5.362319	257.7654	0
191 WASHINGT	204 WOOD	193.5338	626.3891	0	214.9116	7.507246	604.5961	0
191 WASHINGT	301 - WAT/	334.8788	1031.761	1.076923	342.9902	8.57971	1019.536	0
191 WASHINGT	302 - SOUT	451.2165	835.8838	1.076923	476.4959	9.652174	812.0658	0
191 WASHINGT	401 - GLAD	206.5811	681.9052	2.153846	217.0824	10.72464	666.4179	0
191 WASHINGT	402 - MEAI	290.3007	836.9313	2.153846	294.1467	8.57971	834.0702	1.2
191 WASHINGT	501 - RHEA	262.0318	1173.17	1.076923	276.7801	9.652174	1167.279	0
191 WASHINGT	502 - DAM,	254.4209	488.1226	0	237.7053	9.652174	501.9091	0
191 WASHINGT	504 - GREE	23.91991	92.17766	0	23.87907	0	95.35224	0
191 WASHINGT	601 - BURS	157.654	929.109	0	151.9577	7.507246	932.5659	0
191 WASHINGT	602 - MENI	34.7926	187.4977	0	36.90401	3.217391	182.3219	0
191 WASHINGT	603 - VALLI	157.654	670.383	0	150.8723	2.144928	675.8483	0
191 WASHINGT	701 - HIGH	157.654	799.2223	2.153846	163.8972	13.94203	795.3006	0
191 WASHINGT	702 - WALL	95.67965	388.6127	0	100.9433	4.289855	386.6481	0
191 WASHINGT	703 - JOHN	212.0174	881.9727	1.076923	215.997	16.08696	870.7441	0
193 WESTMOR	101 - PREC	429.7699	233.844	1	439.4512	2	234.8361	0
193 WESTMOR	102 - PREC	213.7942	190.3381	1	220.8134	4	186.7766	0
193 WESTMOR	201 - PREC	399.2279	411.1303	0	416.6085	3	400.8597	0
193 WESTMOR	202 - PREC	162.5272	253.4216	0	169.6891	2	245.7587	0
193 WESTMOR	301 - PREC	271.6058	316.5051	0	270.8499	8	310.2021	0
193 WESTMOR	302 - PREC	210.5218	220.7922	0	208.8481	4	220.6367	0
193 WESTMOR	401 - PREC	294.5124	659.1137	2	279.5519	12	664.0945	2
193 WESTMOR	501 - PREC	445.0409	593.8549	0	436.188	16	601.8357	0
195 WISE COUN	101 - APPA	124.3635	353.1256	1	125.8986	4.048193	355.7204	1

195 WISE COUN 102 - DORC	82.18807	260.1428	0	83.93239	5.060241	254.2354	0
195 WISE COUN 103 - GUES	55.15252	265.3665	0	53.80282	5.060241	270.9752	0
195 WISE COUN 104 - WEST	210.8773	712.5196	2	221.6676	6.072289	717.7182	0
195 WISE COUN 201 - NORI	93.00229	371.9311	1	100.0732	3.036145	368.2752	0
195 WISE COUN 202 - WISE	354.7064	1010.273	2	379.8479	10.12048	990.7859	0
195 WISE COUN 203 - EAST	34.6055	175.518	0	29.05352	2.024096	187.2763	0
195 WISE COUN 301 - BIG S	295.2282	769.9809	1	306.6761	17.20482	754.3364	0
195 WISE COUN 302 - EAST	220.6101	938.1856	1	216.2873	10.12048	948.9364	1
195 WISE COUN 401 - CLINC	186.0046	727.1461	0	175.3972	12.14458	737.5967	1
195 WISE COUN 402 - SOUT	141.6663	782.5179	1	134.507	7.084337	796.1859	1
195 WISE COUN 403 - ST PA	87.59518	240.2925	0	82.85634	2.024096	247.958	0
197 WYTHE CO 101 - ROYA	50.91844	279.7558	0	48.84179	2	284.2064	0
197 WYTHE CO 102 - RURA	255.653	928.3749	0	248.4561	7	948.0463	1
197 WYTHE CO 203 - WEST	461.4483	898.327	2	465.0588	16	890.9975	2
197 WYTHE CO 303 - EAST	537.826	991.5789	0	529.8272	15	992.648	0
197 WYTHE CO 401 - FORT	147.4513	593.704	2	141.2165	8	596.4186	2
197 WYTHE CO 402 - MAX	170.7889	552.2587	1	168.8227	5	551.8169	0
197 WYTHE CO 501 - JACKS	99.71527	373.0078	1	111.4867	2	365.1119	0
197 WYTHE CO 502 - SHEFI	123.0529	591.6317	2	125.2898	3	593.3069	3
197 WYTHE CO 601 - HUDI	63.64805	275.6113	1	54.15068	2	289.3927	0
197 WYTHE CO 602 - ZION	132.6001	466.2597	2	119.9809	6	478.1721	0
197 WYTHE CO 603 - EVERI	102.8977	329.4902	0	100.8689	5	330.8827	0
199 YORK COUN 101 - QUEE	688.972	708.7207	1.088235	720.3589	13.76772	665.2794	3.214286
199 YORK COUN 102 - WALL	771.094	873.4903	3.264706	811.8668	22.24016	819.7004	2.142857
199 YORK COUN 103 - MAG	1209.434	641.1229	4.352941	1226.845	23.29921	611.3378	0
199 YORK COUN 201 - COVE	968.4002	1198.805	5.441176	1003.395	26.47638	1147.581	1.071429
199 YORK COUN 202 - KILN	533.26	609.4364	3.264706	530.9588	20.12205	602.8764	0
199 YORK COUN 301 - SEAF	558.8565	1607.56	3.264706	590.5453	19.06299	1564.306	3.214286
199 YORK COUN 302 - YORK	653.7768	981.2243	1.088235	672.4769	18.00394	947.6794	0
199 YORK COUN 303 - EDGE	799.89	795.3304	0	833.1477	21.1811	743.5476	0
199 YORK COUN 401 - HARV	690.0385	1362.518	4.352941	732.0634	25.41732	1303.059	3.214286
199 YORK COUN 402 - DARE	629.2468	1341.394	3.264706	665.0285	25.41732	1294.598	0
199 YORK COUN 403 - GRAF	393.5459	600.9867	0	404.3373	6.354331	584.8959	0
199 YORK COUN 501 - TABB	856.4156	1434.341	3.264706	879.9658	28.59449	1389.789	1.071429
199 YORK COUN 502 - BETH	947.0698	1091.071	4.352941	997.0108	19.06299	1033.351	1.071429
510 ALEXANDR 101 - LADR	1042.042	417.7756	0	1054.968	7.829897	400.315	3.7
510 ALEXANDR 102 - CITY I	959.7755	550.2959	1.125	971.6211	11.18557	538.6261	1.233333
510 ALEXANDR 103 - LYLES	1582.487	637.894	1.125	1599.578	15.65979	617.3398	0
510 ALEXANDR 104 - DURA	1348.256	347.0233	1.125	1380.364	17.89691	308.1076	2.466667
510 ALEXANDR 105 - LEE C	1816.718	524.4657	2.25	1849.619	17.89691	495.8959	0
510 ALEXANDR 106 - CORA	1920.694	357.1308	3.375	1953.518	27.96392	315.979	0
510 ALEXANDR 107 - MT V	2293.178	471.6822	4.5	2328.009	19.01546	435.1739	3.7
510 ALEXANDR 108 - GEOR	2241.761	487.4049	5.625	2272.063	26.84536	447.5432	3.7
510 ALEXANDR 109 - FIRE I	1135.734	458.2055	3.375	1154.3	12.30412	438.5474	3.7
510 ALEXANDR 110 - CHAR	1382.534	308.8395	2.25	1405.482	14.54124	285.618	1.233333
510 ALEXANDR 111 - POTC	597.5745	212.257	0	608.5476	16.77835	187.7882	0
510 ALEXANDR 201 - MAU	1496.793	454.8364	0	1529.932	17.89691	418.3067	1.233333

510 ALEXANDR 202 - GEOF	1365.395	621.0482	3.375	1400.915	13.42268	581.3564	0
510 ALEXANDR 203 - CHAR	1527.643	378.4688	2.25	1556.192	13.42268	347.4645	2.466667
510 ALEXANDR 204 - BLESS	1320.834	505.3738	1.125	1327.844	11.18557	495.8959	2.466667
510 ALEXANDR 205 - DOUC	1611.052	586.2336	2.25	1634.972	22.37113	554.3689	1.233333
510 ALEXANDR 206 - CHIN	1221.429	381.838	1.125	1236.505	10.06701	368.8296	0
510 ALEXANDR 207 - TEMF	1548.209	583.9875	1.125	1551.625	20.13402	572.3606	1.233333
510 ALEXANDR 208 - NOV	1449.947	317.8239	4.5	1467.136	20.13402	300.2363	1.233333
510 ALEXANDR 209 - JAME	1646.472	407.6682	2.25	1678.358	8.948454	377.8254	2.466667
510 ALEXANDR 210 - The F	750.6815	256.056	2.25	763.8243	6.71134	245.1367	0
510 ALEXANDR 302 - PATR	1122.023	218.9953	1.125	1138.315	13.42268	196.7841	0
510 ALEXANDR 303 - CHAR	1420.239	252.6869	1.125	1442.018	17.89691	237.2654	1.233333
510 ALEXANDR 304 - SAMI	1948.116	297.609	0	1958.085	15.65979	290.116	1.233333
510 ALEXANDR 305 - JOHN	1311.693	258.3021	2.25	1334.695	15.65979	232.7675	0
510 ALEXANDR 306 - WILLI	1433.95	266.1635	1.125	1456.861	13.42268	246.2612	2.466667
510 ALEXANDR 307 - SOUT	1288.841	311.0856	2.25	1294.734	11.18557	313.73	0
510 ALEXANDR 308 - CAMI	1521.93	591.8488	1.125	1545.917	14.54124	572.3606	0
520 BRISTOL CI' 001 - FIRST	196.3424	497.9769	0	206.8205	4.095238	489.9695	1
520 BRISTOL CI' 002 - SECO	368.9511	763.9902	1	389.9428	10.2381	749.3651	1
520 BRISTOL CI' 003 - THIRI	239.4946	355.3938	1	245.5993	8.190476	352.2656	0
520 BRISTOL CI' 004 - FOUR	386.212	1422.639	1	399.6375	20.47619	1414.4	1
530 BUENA VIS' 001 - FIRST	293	613	2	289	15	630	1
530 BUENA VIS' 002 - SECO	244	455	0	240	18	460	2
540 CHARLOTT|101 - Key R	1966.058	355.7725	3.5	1983.371	28.84472	334.4371	2.4
540 CHARLOTT|102 - CLAR	1897.846	303.7082	5.833333	1909.668	28.84472	287.7462	3.6
540 CHARLOTT|201 - CARV	1564.485	175.7169	2.333333	1588.457	21.36646	154.1886	4.8
540 CHARLOTT|202 - WALK	2126.687	536.9127	0	2165.978	18.16149	514.6857	0
540 CHARLOTT|301 - BENJ	1528.178	178.9709	1.166667	1560.956	16.02484	158.5319	3.6
540 CHARLOTT|302 - JOHN	1897.846	419.7681	2.333333	1939.37	28.84472	381.128	1.2
540 CHARLOTT|303 - BUFC	899.9639	139.9227	0	910.8327	16.02484	124.871	1.2
540 CHARLOTT|401 - VENA	752.5371	110.6366	2.333333	776.6279	3.204969	98.81098	0
540 CHARLOTT|402 - ALUN	1091.399	276.5914	3.5	1107.74	10.68323	260.6004	1.2
550 CHESAPEAI001 - GREA	460.5885	811.7094	0	478.8391	13.46099	785.5807	1.181818
550 CHESAPEAI002 - BETH	254.5913	916.072	1.032258	276.3345	13.46099	892.2254	0
550 CHESAPEAI003 - CAMI	1531.029	107.2304	0	1534.539	15.56818	92.83578	0
550 CHESAPEAI004 - CHUF	352.5942	669.409	0	380.5158	4.151515	647.7643	0
550 CHESAPEAI005 - CRES	1109.788	116.6	1.076923	1121.794	16.60606	101.1806	1.058824
550 CHESAPEAI006 - DEEP	1278.239	940.3179	0	1305.733	24.85106	900.6725	1.181818
550 CHESAPEAI007 - GREE	642.2885	873.9053	0	654.976	14.49645	859.4929	1.181818
550 CHESAPEAI008 - SOUT	697.9078	549.6858	1.076923	713.2073	16.60606	526.7648	0
550 CHESAPEAI009 - BELL	810.2554	1453.698	4.129032	858.5354	21.74468	1406.443	1.181818
550 CHESAPEAI010 - OSCA	290.1882	273.8018	0	289.0257	10.37879	265.9902	0
550 CHESAPEAI011 - GENE	395.2384	470.5644	0	388.8331	15.56818	465.222	0
550 CHESAPEAI012 - GEOF	1044.261	148.8732	0	1053.176	9.340909	139.7752	0
550 CHESAPEAI013 - GILM	539.8124	517.4126	1.076923	554.1392	15.56818	494.4288	0
550 CHESAPEAI014 - GRAS	163.7413	228.7545	0	168.7539	5.177305	222.7924	0
550 CHESAPEAI015 - B M \	663.5845	397.6893	0	686.1761	10.37879	369.2569	1.058824
550 CHESAPEAI016 - HICK	398.2611	974.0512	0	426.1036	14.49645	938.6845	0

550 CHESAPEAI017 - INDIA	254.5913	667.2884	1.032258	275.2798	12.42553	643.0358	0
550 CHESAPEAI018 - INDIA	574.1358	261.309	0	572.8531	16.60606	249.3006	1.058824
550 CHESAPEAI019 - JOLLI	348.6105	611.4175	1.032258	389.1886	10.35461	564.9001	0
550 CHESAPEAI020 - E W C	664.4076	836.8915	1.032258	673.9006	9.319149	819.254	1.181818
550 CHESAPEAI021 - FELL	591.8175	701.6822	1.076923	600.9239	16.60606	679.0572	0
550 CHESAPEAI022 - NORF	329.712	394.5661	0	330.6121	12.45455	374.4724	0
550 CHESAPEAI023 - OAK	708.8414	556.6007	0	720.3681	12.42553	538.5029	2.363636
550 CHESAPEAI024 - OAKL	613.6596	379.9911	2.153846	621.7171	22.83333	357.7828	2.117647
550 CHESAPEAI025 - ST JU	342.1932	260.2679	1.076923	334.7708	12.45455	258.6885	0
550 CHESAPEAI026 - JOHN	361.9552	166.5715	1.076923	359.7226	9.340909	160.6372	0
550 CHESAPEAI027 - SILVE	691.6672	844.3091	2.153846	727.7625	25.94697	793.7981	1.058824
550 CHESAPEAI028 - SUNR	48.5942	133.8793	0	52.73559	1.035461	131.986	0
550 CHESAPEAI029 - TANG	330.7521	654.834	1.076923	327.4931	19.7197	644.635	1.058824
550 CHESAPEAI030 - SOUT	533.5718	29.15	1.076923	532.3063	17.64394	20.86197	0
550 CHESAPEAI031 - CARV	1098.347	182.1875	3.230769	1110.358	16.60606	164.8096	3.176471
550 CHESAPEAI032 - PROV	1369.813	70.79287	0	1379.63	12.45455	60.49972	0
550 CHESAPEAI033 - WEST	260.0253	398.7304	2.153846	259.9152	9.340909	394.2913	2.117647
550 CHESAPEAI034 - HICK	483.8292	1311.385	0	513.6446	20.70922	1272.345	1.181818
550 CHESAPEAI035 - TAYL	575.1759	246.734	2.153846	580.1307	18.68182	229.4817	1.058824
550 CHESAPEAI036 - GREA	684.5443	1208.077	2.064516	734.0794	20.70922	1148.806	0
550 CHESAPEAI037 - BRID	425.7274	649.3675	1.032258	444.0337	16.56738	620.8622	0
550 CHESAPEAI038 - BAILE	362.9953	777.6805	0	391.9521	8.30303	755.2034	0
550 CHESAPEAI039 - LAKE	191.2076	345.7671	0	204.6141	8.283688	327.3253	0
550 CHESAPEAI040 - RIVEF	871.6047	610.0679	0	884.7513	11.41667	594.5662	0
550 CHESAPEAI041 - JOHN	1145.133	825.4136	3.096774	1174.949	25.88652	776.0777	0
550 CHESAPEAI042 - PARK	631.3413	438.2911	2.153846	654.9863	10.37879	409.9378	0
550 CHESAPEAI043 - PLEA	308.4675	781.1385	0	320.6324	8.283688	765.5188	1.181818
550 CHESAPEAI044 - NANS	539.8124	381.0322	0	546.8616	6.227273	370.3	2.117647
550 CHESAPEAI045 - SUNR	353.8925	148.6377	0	354.3832	8.283688	142.5449	0
550 CHESAPEAI046 - BELL	538.7617	597.7133	1.032258	555.8331	17.60284	570.1795	0
550 CHESAPEAI047 - GREE	213.3919	493.3506	0	221.4895	13.46099	473.0378	0
550 CHESAPEAI048 - JOLLI	1366.976	126.5002	3.096774	1369.016	17.60284	108.7565	1.181818
550 CHESAPEAI049 - WAT	1151.471	1215.456	0	1171.785	16.56738	1184.706	0
550 CHESAPEAI050 - RIVEF	809.199	539.734	3.096774	824.7846	16.56738	517.3851	0
550 CHESAPEAI051 - COOF	402.4867	1085.793	0	434.5413	9.319149	1059.056	0
550 CHESAPEAI052 - SHIPY	811.3118	484.9173	2.064516	837.4412	13.46099	452.976	0
550 CHESAPEAI053 - FAIRV	490.9277	346.6768	1.076923	508.3941	9.340909	328.5761	0
550 CHESAPEAI054 - PUGH	843.5219	331.0608	1.076923	858.7598	15.56818	305.6279	1.058824
550 CHESAPEAI055 - GEOF	794.6372	173.859	0	788.0629	6.227273	179.413	0
550 CHESAPEAI056 - GREE	660.4642	360.2108	1.076923	668.5019	4.151515	349.438	0
550 CHESAPEAI057 - CYPR	682.3063	465.359	2.153846	706.9693	14.5303	436.0152	1.058824
550 CHESAPEAI058 - EXPR	371.8512	134.9335	1.032258	375.4774	3.106383	129.8742	0
550 CHESAPEAI059 - CLEAI	488.0547	458.5631	2.064516	495.7145	10.35461	442.4171	1.181818
550 CHESAPEAI060 - PARK	529.2542	1071.035	3.096774	579.0368	14.49645	1014.708	0
550 CHESAPEAI061 - CENT	338.0466	764.2718	0	361.7661	11.39007	732.7863	0
550 CHESAPEAI062 - FENT	457.4193	884.447	0	502.0428	19.67376	827.8162	0
550 CHESAPEAI063 - POPL	227.125	628.2841	2.064516	234.146	12.42553	616.6386	0

570 COLONIAL 001 - FIRST	258.8863	430.2326	1	242.4554	10.86207	439.2389	1
570 COLONIAL 002 - SECO	228.5565	591.1507	1	211.2056	11.94828	606.1945	0
570 COLONIAL 003 - THIRI	297.8817	726.3667	0	294.1792	13.03448	726.0888	0
570 COLONIAL 004 - FOUR	358.5412	860.4651	0	372.8425	9.775862	849.3446	0
570 COLONIAL 005 - FIFTH	275.1344	1091.785	1	268.3173	17.37931	1089.133	1
580 COVINGTO 101 - PREC	80.28794	120.5176	1	82.54369	2	119.3491	0
580 COVINGTO 201 - PREC	119.3755	133.9085	0	120.6408	1	130.6667	1
580 COVINGTO 301 - PREC	124.6576	86.52549	0	128.0485	1	84.36745	0
580 COVINGTO 401 - PREC	118.3191	242.0654	1	119.5825	3	242.8136	0
580 COVINGTO 501 - PREC	100.3599	204.983	0	94.18447	5	206.8031	0
590 DANVILLE (001 - WARI	215.1802	37.25011	1.111111	217.2718	1.104167	37.2524	1.166667
590 DANVILLE (002 - WARI	211.0221	135.1647	1.111111	218.3113	1.104167	130.9156	1.166667
590 DANVILLE (003 - WARI	470.9015	213.9221	0	486.5224	8.833333	201.1629	0
590 DANVILLE (004 - WARI	620.5921	609.8376	2.222222	619.5884	6.625	615.1967	1.166667
590 DANVILLE (006 - WARI	249.4843	37.25011	0	253.657	1.104167	39.3811	0
590 DANVILLE (007 - WARI	460.5064	84.07883	1.111111	464.6913	1.104167	83.01963	1.166667
590 DANVILLE (008 - WARI	344.0804	178.8005	0	352.4169	3.3125	177.7471	0
590 DANVILLE (009 - WARI	279.6303	210.7292	0	278.6069	2.208333	216.0639	0
590 DANVILLE (010 - WARI	357.5941	327.801	0	370.0897	9.9375	320.3706	0
590 DANVILLE (011 - WARI	673.6075	324.6081	0	678.8443	3.3125	328.8854	0
590 DANVILLE (012 - WARI	652.8171	484.2515	2.222222	669.4881	4.416667	481.0881	0
590 DANVILLE (013 - WARI	554.063	346.9582	0	560.3325	3.3125	344.8508	0
590 DANVILLE (014 - WARI	119.5445	5.321445	0	122.6702	0	5.321771	0
590 DANVILLE (015 - WARI	384.6216	421.4584	1.111111	383.6042	2.208333	424.6773	0
590 DANVILLE (016 - WARI	374.2264	608.7733	0	377.3668	1.104167	604.5532	2.333333
590 DANVILLE (017 - WARI	240.1286	658.7949	1.111111	250.5383	3.3125	653.5135	0
595 EMPORIA (101 - PREC	167.418	92.53495	0	169.0677	2.095238	91.23853	0
595 EMPORIA (201 - PREC	143.5011	18.29179	0	140.8898	5.238095	15.02752	0
595 EMPORIA (301 - PREC	108.1458	142.0304	0	102.2755	3.142857	145.9817	0
595 EMPORIA (401 - PREC	128.9431	172.1581	1	132.5408	3.142857	171.7431	0
595 EMPORIA (501 - PREC	128.9431	10.75988	0	134.628	0	7.513761	0
595 EMPORIA (601 - DISTF	121.664	204.4377	0	115.8427	4.190476	205.0183	0
595 EMPORIA (701 - DISTF	114.385	67.78723	0	113.7555	4.190476	65.47706	0
600 FAIRFAX CI' 001 - ONE	775.6897	412.5479	4.571429	800.2185	19.71429	398.7249	2.4
600 FAIRFAX CI' 002 - TWO	790.4108	521.7518	1.142857	795.6975	13.14286	509.175	1.2
600 FAIRFAX CI' 003 - THRE	1125.599	633.1618	1.142857	1142.685	21.90476	600.8485	1.2
600 FAIRFAX CI' 004 - FOUR	1024.816	534.9886	0	1027.399	15.33333	533.474	0
600 FAIRFAX CI' 005 - FIVE	825.5151	399.3111	1.142857	835.2563	9.857143	389.8888	1.2
600 FAIRFAX CI' 006 - SIX	760.9686	409.2387	0	778.7437	12.04762	389.8888	0
610 FALLS CHU 001 - FIRST	1628.745	451.3629	0	1690.62	20.1875	408.6946	0
610 FALLS CHU 002 - SECO	1244.362	352.5914	4	1262.122	24.9375	328.1069	2
610 FALLS CHU 003 - THIRI	1779.893	503.0457	4	1828.259	30.875	458.1985	0
620 FRANKLIN (101 - PREC	221.6889	425.2612	0	219.4094	4	425.2549	0
620 FRANKLIN (201 - PREC	199.7292	296.4925	0	204.7821	2	291.0778	0
620 FRANKLIN (301 - PREC	348.219	27.05224	0	348.9654	3	25.96976	0
620 FRANKLIN (401 - PREC	244.6944	30.29851	1	242.3951	3	31.38013	0
620 FRANKLIN (501 - PREC	267.6999	10.8209	0	271.6497	0	8.656587	0

620	FRANKLIN	601 - PREC	250.9686	225.0746	0	251.7984	3	219.6609	0
630	FREDERICK	101 - PREC	1082.139	789.1042	1	1094.897	31.47059	769.417	1
630	FREDERICK	201 - PREC	1385.008	674.0713	6	1399.873	27.27451	659.0365	1
630	FREDERICK	301 - PREC	945.2546	703.0983	0	961.2675	23.07843	680.6797	0
630	FREDERICK	401 - PREC	777.1136	212.8646	0	793.1535	14.68627	193.7069	0
630	FREDERICK	402 - PREC	394.4848	169.8617	1	399.8097	10.4902	160.1599	0
640	GALAX CITY	001 - EAST	172.6089	391.292	0	174.3798	8	388.3747	0
640	GALAX CITY	003 - SOUT	97.88189	259.8095	7	102.5142	3	256.1174	3
640	GALAX CITY	005 - WEST	130.5092	281.8985	0	132.1059	2	285.5079	0
650	HAMPTON	101 - ABER	1061.235	164.1487	1.088235	1072.496	6.282353	153.9143	1.041667
650	HAMPTON	102 - BASSI	1285.308	77.91869	1.088235	1297.575	7.329412	66.55752	3.125
650	HAMPTON	103 - CITY I	634.8736	113.2418	0	642.0453	8.376471	101.9162	0
650	HAMPTON	104 - COOF	1518.717	225.4447	4.352941	1533.026	17.8	206.9523	2.083333
650	HAMPTON	105 - EAST	739.6485	204.6664	2.176471	754.0661	7.329412	188.233	1.041667
650	HAMPTON	106 - ARM	959.5721	481.018	1.088235	973.9588	15.70588	453.4231	1.041667
650	HAMPTON	107 - LIND	1124.515	210.8999	0	1136.804	4.188235	201.7525	1.041667
650	HAMPTON	108 - THOM	1385.933	179.7324	2.176471	1407.521	10.47059	161.194	1.041667
650	HAMPTON	109 - PHEN	1465.811	107.0083	1.088235	1496.723	9.423529	84.23687	0
650	HAMPTON	110 - PHOE	226.998	138.2404	1	233.2576	2.030769	135.2683	0
650	HAMPTON	111 - HAM	318.4742	247.262	1.088235	341.2486	11.51765	219.4318	1.041667
650	HAMPTON	112 - SMIT	1329.915	430.1111	4.352941	1360.846	16.75294	392.0654	1.041667
650	HAMPTON	115 - WYTH	472.0057	376.0875	1.088235	482.3119	11.51765	358.7867	0
650	HAMPTON	116 - JONE	528.024	134.0201	0	538.3223	7.329412	125.8353	0
650	HAMPTON	117 - KECO	767.6577	227.5226	1.088235	786.2202	12.56471	210.0722	1.041667
650	HAMPTON	118 - MALL	1570.586	162.0709	1.088235	1579.701	11.51765	147.6745	1.041667
650	HAMPTON	201 - BOOK	802.8234	767.0781	1	816.4017	24.36923	741.8945	0
650	HAMPTON	202 - BRYA	852.8046	630.9166	6	878.8814	22.33846	598.302	0
650	HAMPTON	203 - BURB	651.8384	397.0513	0	657.0784	17.26154	378.7512	1
650	HAMPTON	204 - FORR	845.4608	390.6323	1.088235	861.938	12.56471	367.1063	3.125
650	HAMPTON	205 - ASBU	894.4556	1276.385	0	911.1626	26.4	1245.509	2
650	HAMPTON	208 - KRAF	1342.364	812.4322	5.441176	1375.367	26.17647	770.6113	1.041667
650	HAMPTON	209 - LANG	755.966	495.7944	1	743.5087	16.24615	506.7358	0
650	HAMPTON	210 - MACI	1620.38	445.6949	5.441176	1626.376	21.98824	433.6639	2.083333
650	HAMPTON	212 - BETH	1780.136	536.0806	2.176471	1789.221	16.75294	517.9007	0
650	HAMPTON	213 - PHILL	1118.33	1009.259	4	1132.966	22.33846	982.2558	1
650	HAMPTON	214 - TUCK	1042.562	581.7929	0	1053.825	13.61176	568.8588	1.041667
650	HAMPTON	215 - TYLEF	295.726	81.03883	0	297.7587	2.062443	78.00105	0
650	HAMPTON	216 - SAND	720.9758	308.558	1.088235	726.0609	8.376471	299.5089	1.041667
650	HAMPTON	217 - SYMS	385.9036	370.8929	0	399.3335	8.376471	353.5869	2.083333
660	HARRISON	101 - NOR	961.653	502.2484	3.214286	968.496	31.82667	478.1801	1
660	HARRISON	102 - EAST	568.3454	237.2322	4.285714	594.3762	7.186667	216.5748	1
660	HARRISON	103 - SOUT	868.8619	460.5724	2.142857	879.9719	16.42667	442.799	2
660	HARRISON	104 - EAST	746.5464	558.8849	1.071429	769.3167	17.45333	537.1485	1
660	HARRISON	105 - South	532.4943	267.1534	2.142857	557.4912	13.34667	239.09	0
660	HARRISON	201 - NOR	853.0453	626.2075	0	861.0024	25.66667	610.0549	1
660	HARRISON	202 - SOUT	970.0886	590.9433	0	981.1423	22.58667	569.3131	0
660	HARRISON	203 - WES	928.9652	525.7579	2.142857	943.2034	19.50667	502.8396	1

670 HOPEWELL 101 - WARI	281.8195	335.4216	1.230769	282.5316	18.11842	323.9166	0
670 HOPEWELL 201 - WARI	384.4898	83.85539	1.230769	382.9873	3.197368	83.13859	3.375
670 HOPEWELL 301 - WARI	272.3906	772.9747	3.692308	284.6245	9.592105	764.4432	1.125
670 HOPEWELL 401 - WARI	586.6875	606.339	3.692308	588.0844	19.18421	591.6877	1.125
670 HOPEWELL 501 - WARI	292.2961	537.5346	2.461538	291.9494	14.92105	524.7449	1.125
670 HOPEWELL 601 - WARI	498.6844	115.0324	2.461538	515.8819	11.72368	95.01554	2.25
670 HOPEWELL 701 - WARI	365.632	269.8424	1.230769	381.9409	4.263158	258.0536	0
678 LEXINGTON 001 - LEXIN	1129	606	2	1161	13	572	1
680 LYNCHBUR 101 - FIRST	851.3807	916.1879	3.272727	858.6367	24.87591	902.7748	2.125
680 LYNCHBUR 102 - FIRST	905.1854	1167.854	0	943.1274	26.94891	1119.898	3.1875
680 LYNCHBUR 103 - FIRST	710.0114	816.3536	0	740.3497	14.51095	783.3051	1.0625
680 LYNCHBUR 104 - FIRST	362.9182	233.9867	2.181818	369.6468	6.218978	233.7449	0
680 LYNCHBUR 105 - FIRST	531.7173	408.6967	1.090909	547.0773	12.43796	392.6914	1.0625
680 LYNCHBUR 201 - SECO	1130.954	307.8225	2.181818	1159.635	20.72993	282.5716	1.0625
680 LYNCHBUR 202 - SECO	957.9351	199.6686	4.363636	964.2501	19.69343	189.0737	4.25
680 LYNCHBUR 203 - SECO	333.3783	92.55473	0	330.5699	3.109489	96.61456	0
680 LYNCHBUR 204 - SECO	193.064	154.9512	0	197.497	1.036496	159.9854	0
680 LYNCHBUR 301 - THIRI	356.5882	268.3047	1.090909	355.9171	9.328467	269.0664	0
680 LYNCHBUR 302 - THIRI	49.58475	1297.846	3.272727	53.86282	39.38686	1260.145	1.0625
680 LYNCHBUR 303 - THIRI	317.5534	417.0163	1.090909	316.8401	7.255474	424.8963	0
680 LYNCHBUR 304 - THIRI	278.5186	467.9734	0	279.8754	5.182482	468.5287	0
680 LYNCHBUR 305 - THIRI	489.5175	1005.623	2.181818	505.888	15.54745	986.9229	1.0625
680 LYNCHBUR 401 - FOUR	698.4064	1312.405	2.181818	689.6553	23.83942	1301.699	1.0625
680 LYNCHBUR 402 - FOUR	340.7633	456.534	0	353.8048	10.36496	439.4404	0
680 LYNCHBUR 403 - FOUR	586.577	850.6716	0	617.8382	25.91241	814.4711	1.0625
680 LYNCHBUR 404 - FOUR	727.9463	873.5503	1.090909	762.5285	17.62044	833.1707	0
683 MANASSAS 001 - DEAN	823.4523	423.0593	1.2	836.5853	23.52	397.7164	1.2
683 MANASSAS 002 - WEEH	1002.562	716.5639	0	1009.749	17.92	703.4752	0
683 MANASSAS 003 - METZ	1030.723	748.666	2.4	1024.367	14.56	748.3045	1.2
683 MANASSAS 004 - HAYD	852.7406	749.8125	0	856.8252	21.28	739.1088	0
683 MANASSAS 005 - BALD	825.7053	545.7351	1.2	837.7097	13.44	524.158	0
683 MANASSAS 006 - ROUM	719.8167	815.1631	1.2	729.7632	21.28	786.237	3.6
685 MANASSAS 001 - PREC	764.2753	368.7158	1	770.5306	18.43478	346.0639	1
685 MANASSAS 002 - PREC	547.5577	333.6	0	541.3294	13.82609	333.1599	0
685 MANASSAS 003 - PREC	635.167	409.6842	1	646.14	20.73913	384.7762	0
690 MARTINSV 001 - PREC	386.5118	21.48465	0	387.1823	4.071429	21.43988	0
690 MARTINSV 002 - PREC	440.2233	323.344	1	456.8119	12.21429	307.6623	0
690 MARTINSV 003 - PREC	276.9826	137.5018	0	272.1881	7.125	141.5032	0
690 MARTINSV 004 - PREC	443.3828	252.4447	0	435.712	15.26786	251.9186	0
690 MARTINSV 005 - PREC	440.2233	763.7794	4	439.932	18.32143	762.1879	2
690 MARTINSV 006 - PREC	191.6762	6.445396	0	195.1737	0	4.287977	0
700 NEWPORT 101 - DENB	1237.756	325.1301	2.071429	1254.638	17.57989	302.6233	1.09375
700 NEWPORT 102 - EPES	1137.285	259.6886	2.071429	1148.014	20.68223	241.2667	0
700 NEWPORT 103 - JENKI	941.523	550.5398	6.214286	957.5413	26.88689	513.7317	2.1875
700 NEWPORT 104 - MCIN	848.3029	242.0298	1.035714	860.2344	14.47756	222.5477	3.28125
700 NEWPORT 105 - OYST	225.7998	155.8132	1.035714	230.8451	7.238779	147.6719	0
700 NEWPORT 106 - RESEI	1289.545	534.9585	3.107143	1306.397	31.02334	500.2125	1.09375

700 NEWPORT 107 - RICH	1128.999	612.8651	1.035714	1156.296	14.47756	580.2881	2.1875
700 NEWPORT 108 - LEE H	987.0973	277.3474	1.035714	996.8782	13.44345	265.1854	0
700 NEWPORT 109 - WINC	565.5353	304.355	1.035714	574.5248	8.27289	293.2639	1.09375
700 NEWPORT 110 - GREE	1055.459	310.5876	2.071429	1074.517	17.57989	291.184	1.09375
700 NEWPORT 201 - BLAN	188.5118	74.79032	0	191.5083	2.068223	70.71611	0
700 NEWPORT 202 - BOUL	556.2133	630.5239	1.035714	577.6303	16.54578	603.1668	1.09375
700 NEWPORT 203 - CHAR	1010.92	996.1655	0	1039.321	26.88689	950.5077	1.09375
700 NEWPORT 204 - WELL	549.9986	384.3391	0	581.7711	13.44345	354.6205	0
700 NEWPORT 205 - DEEP	621.4674	972.2741	2.071429	662.5151	22.75045	923.4692	0
700 NEWPORT 208 - HIDEI	427.7767	581.7025	0	453.4088	6.204668	553.2495	2.1875
700 NEWPORT 209 - HILTC	697.0792	604.5551	0	722.5555	18.614	576.1283	0
700 NEWPORT 210 - NELSI	1061.673	1012.786	2.071429	1086.939	20.68223	982.7459	0
700 NEWPORT 211 - PALM	834.8378	484.0596	1.035714	841.6012	18.614	463.8145	2.1875
700 NEWPORT 212 - RIVEF	372.8804	538.0748	1.035714	397.5091	9.307002	513.7317	1.09375
700 NEWPORT 213 - SANF	245.4796	384.3391	1.035714	265.006	6.204668	361.9001	0
700 NEWPORT 215 - WAR	415.3473	329.2851	0	426.4941	5.170557	319.2624	0
700 NEWPORT 216 - YATE	450.5638	531.8423	2.071429	473.0772	8.27289	505.4122	1.09375
700 NEWPORT 217 - RIVEF	647.3618	735.4381	3.107143	669.7613	16.54578	706.1211	0
700 NEWPORT 218 - KILN	1301.974	907.8714	2.071429	1323.995	27.92101	874.5919	2.1875
700 NEWPORT 219 - DEER	1075.139	444.5869	4.142857	1092.115	28.95512	413.8972	0
700 NEWPORT 302 - BRIAF	680.5068	168.2782	0	680.1131	11.37522	164.311	0
700 NEWPORT 303 - CARV	475.4225	140.2318	1.035714	471.0068	6.204668	138.3124	1.09375
700 NEWPORT 304 - CHES	432.9556	19.73633	1.035714	436.8459	6.204668	15.59914	1.09375
700 NEWPORT 305 - DOW	249.6227	55.05398	0	254.6542	2.068223	50.95719	0
700 NEWPORT 306 - DUNE	117.043	5.193772	0	119.0457	1.034111	7.279599	0
700 NEWPORT 307 - HUN	349.0575	8.310035	1.035714	357.137	2.068223	4.159771	1.09375
700 NEWPORT 308 - JEFFE	355.2722	6.232526	1.035714	359.2074	1.034111	5.199714	1.09375
700 NEWPORT 309 - MAG	428.8125	14.54256	0	440.9866	1.034111	11.43937	0
700 NEWPORT 310 - MAR	561.3922	23.89135	0	580.7359	4.136445	11.43937	0
700 NEWPORT 311 - NEWI	985.0258	258.6498	2.071429	983.4208	16.54578	255.8259	0
700 NEWPORT 312 - NEW	134.6513	6.232526	0	135.6086	0	7.279599	0
700 NEWPORT 313 - REED	806.8718	29.08512	0	816.7569	3.102334	22.87874	0
700 NEWPORT 314 - RIVEF	419.4905	270.0761	0	414.0719	11.37522	266.2253	0
700 NEWPORT 315 - SEDG	520.9968	435.2381	1.035714	530.0121	13.44345	420.1369	1.09375
700 NEWPORT 316 - SOUT	735.403	355.254	2.071429	754.6461	14.47756	337.9814	1.09375
700 NEWPORT 317 - WAS	237.1934	12.46505	1.035714	247.408	0	7.279599	1.09375
700 NEWPORT 318 - WILS	529.283	65.44153	1.035714	530.0121	8.27289	59.27674	1.09375
700 NEWPORT 319 - SAUN	858.6607	693.8879	1.035714	873.6918	18.614	674.9228	1.09375
700 NEWPORT 320 - WATI	1007.813	1025.251	5.178571	1016.547	35.15978	994.1853	2.1875
710 NORFOLK C 101 - GRAN	1074.51	514.1682	4.088889	1106.649	21.85831	473.9284	2
710 NORFOLK C 102 - OCEA	388.939	299.7858	0	391.9756	14.59574	279.9755	0
710 NORFOLK C 103 - NOR	540.7708	447.5968	0	552.0929	26.06383	418.4021	0
710 NORFOLK C 104 - TITUS	509.7664	69.76709	0	515.9018	11.46809	54.14501	1.333333
710 NORFOLK C 106 - SECO	856.9138	554.8119	0	948.2274	14.59574	468.3605	0
710 NORFOLK C 201 - LARC	1009.846	500.5794	0	1035.742	16.65395	463.4737	0
710 NORFOLK C 203 - GHEN	491.3609	212.5892	0	511.091	10.40872	185.5992	1
710 NORFOLK C 207 - LAME	930.5604	96.34582	3.066667	940.8247	20.81744	78.64372	1

710 NORFOLK (208 - LARC	644.7156	471.2567	1.022222	699.8818	11.44959	415.2389		1
710 NORFOLK (210 - MAU	998.3703	294.2737	1.022222	1012.795	13.53134	286.2632		0
710 NORFOLK (211 - CHRY	1169.46	533.0437	1.022222	1213.059	15.61308	491.7854		1
710 NORFOLK (212 - PARK	720.8714	37.70054	0	734.3022	10.40872	23.06883		1
710 NORFOLK (213 - TAYL	1266.48	362.3441	2.044444	1306.933	28.10354	320.8664		0
710 NORFOLK (214 - STUA	1177.806	327.7852	3.066667	1218.274	15.61308	282.0688		1
710 NORFOLK (215 - SUBU	663.4842	434.0648	1	698.6939	12.51064	407.9941		0
710 NORFOLK (217 - WESL	585.4884	250.8624	1	589.5229	14.59574	234.1803	1.333333	
710 NORFOLK (218 - WILL	1167.373	769.7193	2.044444	1205.758	46.83924	699.4049		4
710 NORFOLK (301 - BALL	926.3875	115.1961	1.022222	943.9538	9.367847	96.46964		1
710 NORFOLK (302 - TANN	516.3984	101.582	0	525.6936	5.20436	93.32389		0
710 NORFOLK (303 - BROA	1290.474	50.26739	3.066667	1302.761	7.286104	41.94332		4
710 NORFOLK (304 - COLE	489.2745	109.9599	1.022222	499.6175	4.163488	101.7126		0
710 NORFOLK (305 - LAFA	827.2807	148.7077	1.022222	831.3052	12.49046	136.3158		1
710 NORFOLK (306 - LIND	652.0182	63.88147	1.022222	668.5905	4.163488	50.33198		3
710 NORFOLK (309 - NOR	1409.403	318.3601	4.088889	1432.098	17.69482	286.2632		3
710 NORFOLK (310 - ROSE	1441.743	78.54279	1.022222	1457.131	8.326975	57.67206		1
710 NORFOLK (311 - SHER	1199.714	479.6346	6.133333	1208.887	12.49046	467.668		1
710 NORFOLK (313 - UNIO	486.1448	23.03922	0	495.4454	4.163488	17.82591		0
710 NORFOLK (402 - BERK	874.226	19.89751	1.022222	879.2851	6.245232	12.583		1
710 NORFOLK (403 - BRAN	355.7411	17.80303	1.022222	360.8928	4.163488	14.68016		1
710 NORFOLK (404 - CAMI	790.7677	35.60607	0	802.1	6.245232	23.06883		0
710 NORFOLK (405 - CHES	987.938	37.70054	0	997.149	5.20436	25.16599		0
710 NORFOLK (406 - BARR	496.0533	312.2768	2	513.6232	7.297872	295.5875	1.333333	
710 NORFOLK (408 - EAST	658.2776	452.4065	1.022222	687.3652	13.53134	415.2389		0
710 NORFOLK (409 - FAIRL	535.1766	321.5018	2.044444	547.5975	12.49046	303.0405		0
710 NORFOLK (411 - RUFF	209.6891	9.425135	1.022222	211.7377	1.040872	8.388664		1
710 NORFOLK (412 - INGL	939.9495	122.5268	1.022222	948.126	3.122616	118.4899		2
710 NORFOLK (413 - POPL	1295.691	238.7701	0	1329.88	14.57221	202.3765		1
710 NORFOLK (414 - YOUN	845.0156	49.22015	3.066667	852.166	13.53134	29.36032		7
710 NORFOLK (415 - LAKE	602.9865	269.14	0	619.5675	5.20436	253.7571		0
710 NORFOLK (501 - BAYV	730.0406	600.6125	1	757.9581	25.02128	558.9102		0
710 NORFOLK (503 - EAST	841.3146	679.7226	3	909.7576	19.80851	605.7463		0
710 NORFOLK (504 - LARR	704.042	414.2873	0	726.7664	8.340426	392.382		0
710 NORFOLK (505 - LITTL	387.8991	367.4458	1	396.1345	14.59574	350.75	1.333333	
710 NORFOLK (506 - OCEA	903.7113	437.1876	1	921.1946	28.14894	400.7085	1.333333	
710 NORFOLK (507 - PRETI	662.4443	477.7836	6	665.4227	29.19149	456.9117	2.666667	
710 NORFOLK (509 - TARR	547.0105	624.5537	1	562.4901	17.7234	600.5423		0
710 NORFOLK (510 - THIRI	641.6454	679.7226	4	662.3035	22.93617	642.1743	1.333333	
710 NORFOLK (511 - CROS	595.8879	562.0983	1	642.5488	21.89362	508.9518	1.333333	
710 NORFOLK (512 - AZALI	388.939	367.4458	0	411.7303	5.212766	338.2604		0
720 NORTON C 001 - EAST	281	567	1	287	11	561		1
730 PETERSBUF 101 - FIRST	678.2232	88.75587	0	689.8248	1.076923	84.40811		0
730 PETERSBUF 201 - SECO	1380.224	134.3016	2.222222	1379.65	15.07692	130.7731		2
730 PETERSBUF 301 - THIRI	1340.595	356.1913	3.333333	1345.724	12.92308	353.0875		3
730 PETERSBUF 401 - FOUR	896.7492	182.1831	2.222222	904.6882	6.461538	178.327		1
730 PETERSBUF 501 - FIFTH	811.8298	84.08451	1.111111	823.2663	9.692308	68.95311		2

730 PETERSBUF 601 - SIXTH	827.6814	33.86737	0	836.8366	5.384615	21.39924	0
730 PETERSBUF 701 - SEVEN	1161.698	115.6162	1.111111	1184.011	5.384615	101.052	1
735 POQUOSOI 001 - CENT	389.3461	1089.396	4	398.7963	22.18868	1064.375	2
735 POQUOSOI 002 - EAST	401.3764	1175.234	1.333333	398.7963	17.96226	1174.629	0
735 POQUOSOI 003 - WEST	470.2775	1266.37	2.666667	500.4074	15.84906	1233.996	1
740 PORTSMO 001 - EMAL	731.6058	310.1359	4	742.573	18.45	296.0563	0
740 PORTSMO 005 - HAM	562.2913	24.89385	0	562.9351	5.125	19.73709	0
740 PORTSMO 007 - PARK	531.9819	129.6555	0	538.9137	11.275	112.1898	0
740 PORTSMO 009 - THIR	790.1342	133.8044	0	797.9265	11.275	121.5389	0
740 PORTSMO 010 - PORT	362.6674	203.2998	0	364.4978	8.2	201.5261	0
740 PORTSMO 011 - JOSE	666.8064	26.96834	1	675.731	9.225	18.6983	0
740 PORTSMO 013 - ST. M	423.2862	19.70763	1	432.3843	2.05	14.54312	0
740 PORTSMO 014 - BRIG	764.0055	32.15456	0	773.9052	5.125	22.85347	0
740 PORTSMO 016 - CRAD	501.6725	204.337	1	506.5371	16.4	186.983	1
740 PORTSMO 017 - VICT	581.104	283.1675	0	591.134	11.275	268.0089	0
740 PORTSMO 019 - VICT	290.552	203.2998	1	289.3006	5.125	204.6425	2
740 PORTSMO 020 - NOBL	503.7628	191.8901	1	516.9812	12.3	177.6338	1
740 PORTSMO 021 - JOHN	541.3883	19.70763	0	555.6242	0	12.46553	0
740 PORTSMO 022 - ST. M	425.3765	301.8379	5	447.006	12.3	282.552	1
740 PORTSMO 023 - WEST	331.3129	423.1954	2	327.9436	17.425	416.5565	1
740 PORTSMO 024 - THE S	447.3247	242.715	0	456.4056	16.4	225.4183	0
740 PORTSMO 025 - JOHN	568.5622	398.3016	1	585.912	14.35	373.9659	0
740 PORTSMO 026 - WILL	1009.616	21.78212	0	1015.163	6.15	20.77588	0
740 PORTSMO 027 - CAVA	930.1845	36.30353	2	946.2322	7.175	25.96985	1
740 PORTSMO 028 - LAKE	1408.864	57.0484	2	1442.325	8.2	32.20262	1
740 PORTSMO 029 - WOO	215.3011	422.1582	1	216.1921	19.475	403.0521	0
740 PORTSMO 030 - THE F	244.5654	442.9031	2	239.1691	10.25	446.6815	0
740 PORTSMO 031 - WEST	735.7864	419.0465	2	753.017	11.275	413.4401	0
740 PORTSMO 032 - HOD	346.9902	449.1265	2	353.0094	8.2	439.4099	1
740 PORTSMO 033 - PINEC	216.3463	458.4617	1	203.6593	17.425	453.9531	0
740 PORTSMO 034 - CHUR	468.2277	521.7336	2	468.9385	13.325	520.4359	1
740 PORTSMO 035 - CHUF	503.7628	608.8621	0	525.3364	15.375	578.6084	1
740 PORTSMO 036 - SCOT	1164.298	897.2158	2	1179.135	15.375	874.6647	3
740 PORTSMO 037 - CHUF	1012.751	447.052	0	1013.074	11.275	440.4487	0
740 PORTSMO 038 - GROV	1240.594	158.6983	2	1240.755	24.6	140.2372	4
740 PORTSMO 039 - CHUF	1362.877	460.5362	3	1394.283	24.6	421.7504	0
750 RADFORD 001 - EAST	903.5892	499.8914	2	904.4688	29	483.2123	1.25
750 RADFORD 002 - CENT	670.7164	569.0588	1	669.5	17	567.2492	3.75
750 RADFORD 003 - WEST	567.6944	678.0498	5	589.0313	19	656.5385	0
760 RICHMOND 101 - ONE	851.9541	673.1653	2.082192	888.2126	19.76437	629.6589	2.186047
760 RICHMOND 102 - ONE	399.2553	434.402	1.041096	434.6795	4.16092	399.7332	0
760 RICHMOND 104 - ONE	635.0359	687.8908	1.041096	693.3924	9.362069	634.9324	0
760 RICHMOND 105 - ONE	730.3961	452.2829	0	752.048	14.56322	423.9914	1.093023
760 RICHMOND 106 - ONE	447.4593	935.0686	1.041096	507.999	13.52299	866.9675	0
760 RICHMOND 111 - ONE	706.2941	401.7955	1.041096	720.6253	12.48276	380.7485	1.093023
760 RICHMOND 112 - ONE	626.6526	341.8417	1.041096	650.4482	7.281609	318.5209	1.093023
760 RICHMOND 113 - ONE	1157.945	259.7997	2.082192	1178.348	23.92529	228.871	0

760 RICHMOND 114 - ONE I	1345.522	362.8782	4.164384	1375.263	35.36782	314.3021	0
760 RICHMOND 203 - TWO	1329.803	351.3081	1.041096	1334.414	28.08621	326.9585	1.093023
760 RICHMOND 204 - TWO	1139.083	315.5462	0	1162.637	27.04598	276.3327	0
760 RICHMOND 206 - TWO	693.7191	120.9594	0	700.7244	8.321839	104.4158	1.093023
760 RICHMOND 207 - TWO	1209.293	358.6709	4.164384	1243.288	26.00575	315.3568	0
760 RICHMOND 208 - TWO	1069.92	280.8361	0	1093.507	19.76437	251.0198	0
760 RICHMOND 213 - TWO	1514.236	72.57563	1.041096	1520.855	13.52299	61.17289	1.093023
760 RICHMOND 214 - TWO	1425.163	120.9594	2.082192	1442.298	21.84483	99.14227	0
760 RICHMOND 301 - THRE	497.7592	31.55462	0	506.9516	7.281609	18.98469	0
760 RICHMOND 302 - THRE	708.3899	102.0266	1.041096	715.3882	6.241379	94.92345	1.093023
760 RICHMOND 303 - THRE	592.0714	33.65826	1.041096	594.9349	4.16092	25.31292	0
760 RICHMOND 304 - THRE	843.5708	33.65826	0	853.6478	7.281609	23.20351	0
760 RICHMOND 305 - THRE	839.3792	78.88655	1.041096	858.8849	14.56322	52.73525	1.093023
760 RICHMOND 306 - THRE	673.8087	50.48739	2.082192	685.013	6.241379	42.1882	2.186047
760 RICHMOND 307 - THRE	891.7749	219.8305	0	910.2085	17.68391	193.011	0
760 RICHMOND 308 - THRE	939.9789	241.9188	2.082192	954.2001	14.56322	223.5975	1.093023
760 RICHMOND 309 - THRE	548.0591	267.1625	2.082192	540.469	12.48276	273.1686	0
760 RICHMOND 310 - THRE	211.6786	7.362745	1.041096	216.8161	0	5.273525	3.27907
760 RICHMOND 402 - FOUR	1435.642	536.4286	0	1478.958	30.16667	470.3984	1.093023
760 RICHMOND 404 - FOUR	1187.287	330.2717	3.123288	1198.249	28.08621	302.7003	1.093023
760 RICHMOND 409 - FOUR	1348.665	924.5504	1.041096	1418.207	13.52299	857.4751	0
760 RICHMOND 410 - FOUR	793.271	367.0854	0	816.988	14.56322	336.4509	1.093023
760 RICHMOND 412 - FOUR	757.6419	241.9188	0	760.4273	20.8046	227.8163	1.093023
760 RICHMOND 413 - FOUR	876.0562	416.521	3.123288	890.3075	9.362069	405.0067	1.093023
760 RICHMOND 414 - FOUR	847.7625	544.8431	0	856.79	22.88506	515.7507	0
760 RICHMOND 501 - FIVE I	1351.809	204.0532	1.041096	1354.315	34.32759	181.4093	1.093023
760 RICHMOND 503 - FIVE I	1304.653	132.5294	1.041096	1314.513	11.44253	120.2364	1.093023
760 RICHMOND 504 - FIVE I	1543.577	190.3796	1.041096	1557.514	26.00575	161.3699	0
760 RICHMOND 505 - FIVE I	664.3775	85.19748	0	664.0646	13.52299	73.82935	1.093023
760 RICHMOND 508 - FIVE I	679.0483	127.2703	2.082192	687.1079	7.281609	113.9081	1.093023
760 RICHMOND 509 - FIVE I	759.7377	63.10924	0	764.617	14.56322	48.51643	0
760 RICHMOND 510 - FIVE I	998.6621	86.2493	2.082192	1000.287	20.8046	74.88405	1.093023
760 RICHMOND 602 - SIX H	422.3094	13.67367	0	427.3476	3.12069	13.71116	0
760 RICHMOND 603 - SIX H	749.2586	42.07283	0	759.3799	10.4023	29.53174	1.093023
760 RICHMOND 604 - SIX H	528.1487	36.81373	3.123288	538.3742	8.321839	25.31292	1.093023
760 RICHMOND 606 - SIX H	908.5415	31.55462	0	915.4456	9.362069	24.25821	1.093023
760 RICHMOND 607 - SIX H	950.4581	164.084	1.041096	957.3424	16.64368	146.604	0
760 RICHMOND 609 - SIX H	1023.812	90.45658	0	1021.235	14.56322	83.32169	1.093023
760 RICHMOND 610 - SIX H	510.3342	22.08824	1.041096	514.2835	6.241379	13.71116	1.093023
760 RICHMOND 701 - SEVEI	496.7113	18.93277	1.041096	499.6196	5.201149	21.0941	1.093023
760 RICHMOND 702 - SEVEI	623.5089	44.17647	1.041096	634.7369	6.241379	35.85997	0
760 RICHMOND 703 - SEVEI	778.6002	65.21289	1.041096	788.7077	9.362069	54.84466	1.093023
760 RICHMOND 705 - SEVEI	774.4085	100.9748	1.041096	786.6128	21.84483	71.71994	0
760 RICHMOND 706 - SEVEI	1143.274	104.1303	0	1145.878	15.60345	95.97815	0
760 RICHMOND 707 - SEVEI	1715.435	262.9552	5.205479	1738.718	22.88506	234.1445	1.093023
760 RICHMOND 708 - SEVEI	1112.885	189.3277	5.205479	1141.688	23.92529	149.7681	1.093023
760 RICHMOND 802 - EIGH	595.2152	30.5028	0	600.172	8.321839	23.20351	2.186047

760 RICHMOND 806 - EIGH	783.8397	79.93838	1.041096	784.518	10.4023	70.66523	1.093023
760 RICHMOND 810 - EIGH	637.1318	64.16106	1.041096	651.4956	5.201149	50.62584	0
760 RICHMOND 811 - EIGH	651.8026	62.05742	0	645.2111	6.241379	65.39171	0
760 RICHMOND 812 - EIGH	1143.274	140.944	1.041096	1137.499	8.321839	140.2758	2.186047
760 RICHMOND 814 - EIGH	637.1318	48.38375	1.041096	650.4482	3.12069	37.96938	1.093023
760 RICHMOND 902 - NINE	324.8534	30.5028	1.041096	324.7004	6.241379	25.31292	1.093023
760 RICHMOND 903 - NINE	776.5043	94.66387	0	774.0438	4.16092	95.97815	0
760 RICHMOND 908 - NINE	777.5522	66.26471	0	772.9964	15.60345	62.22759	0
760 RICHMOND 909 - NINE	968.2726	99.92297	1.041096	974.1011	10.4023	92.81404	0
760 RICHMOND 910 - NINE	724.1086	92.56022	1.041096	727.9573	4.16092	88.59522	0
760 RICHMOND 911 - NINE	836.2354	34.71008	2.082192	836.889	6.241379	34.80526	1.093023
770 ROANOKE 001 - Peter	947.3178	177.5391	0	945.9996	7.236196	182.9737	0
770 ROANOKE 002 - Grant	796.1276	364.5329	1.058824	807.5349	10.33742	353.3286	0
770 ROANOKE 003 - Presto	489.518	624.0131	0	492.554	17.57362	624.6345	2.25
770 ROANOKE 004 - Willia	579.3863	442.2719	0	585.5685	12.40491	435.3513	1.125
770 ROANOKE 005 - East C	401.7642	609.3057	2.117647	404.8244	20.67485	595.1904	0
770 ROANOKE 006 - Hollir	472.6016	391.8466	1.058824	472.4713	14.47239	385.9274	1.125
770 ROANOKE 007 - South	327.755	370.836	2.117647	326.6077	11.37117	371.2053	1.125
770 ROANOKE 008 - Linco	692.5147	48.32424	0	698.6657	6.202454	36.80506	0
770 ROANOKE 009 - Highl	741.1493	229.0149	0	744.1159	11.37117	223.9851	0
770 ROANOKE 010 - Old S	882.8241	382.3918	3.176471	884.6946	25.84356	361.7412	2.25
770 ROANOKE 011 - RALEI	998.067	597.7499	2.117647	1023.159	28.94479	562.5917	2.25
770 ROANOKE 012 - SOUT	688.2856	720.6615	0	726.1472	10.33742	688.7805	1.125
770 ROANOKE 013 - GARC	405.9933	687.0447	1.058824	405.8814	20.67485	676.1616	0
770 ROANOKE 014 - Cryst	802.4712	703.8531	0	822.3327	15.50613	676.1616	1.125
770 ROANOKE 015 - Grant	802.4712	615.6088	0	812.8198	20.67485	594.1389	1.125
770 ROANOKE 016 - Deye	815.1585	848.8258	2.117647	832.9025	19.6411	823.3818	1.125
770 ROANOKE 017 - LEE-H	757.0084	469.5856	2.117647	755.7427	35.14724	445.867	1.125
770 ROANOKE 018 - OLD 1	924.0578	294.1476	1.058824	923.803	22.74233	286.0279	0
770 ROANOKE 018 - Sumn	673.4838	435.9687	0	679.64	14.47239	425.8872	0
770 ROANOKE 019 - Fores	492.6898	61.9811	0	486.2121	8.269939	58.8881	0
770 ROANOKE 020 - EURE	1243.355	93.49691	0	1267.322	3.101227	80.97114	2.25
775 SALEM CIT 001 - NOR	503.2365	631.7156	2	516.8051	12.55556	610.2485	0
775 SALEM CIT 002 - CONE	174.8534	270.4298	1	174.4083	12.55556	263.5164	1
775 SALEM CIT 003 - BEVE	172.721	433.9704	0	175.4783	7.324074	431.0147	0
775 SALEM CIT 004 - WEST	297.4639	586.8221	2	309.227	13.60185	570.7744	1
775 SALEM CIT 005 - NOR	476.582	600.7177	1	485.7753	11.50926	589.978	0
775 SALEM CIT 006 - SOUT	223.8976	295.0144	0	220.4179	10.46296	294.4556	0
775 SALEM CIT 007 - SOUT	286.8022	484.2084	0	289.9672	14.64815	472.6225	0
775 SALEM CIT 008 - EAST	99.15465	194.5385	0	103.789	4.185185	188.8356	0
775 SALEM CIT 009 - SOUT	346.5082	801.6695	0	353.0966	16.74074	786.2817	1
775 SALEM CIT 010 - HIDD	479.7806	758.9138	0	505.0352	9.416667	738.2726	0
790 STAUNTON 101 - WARI	680.9571	673.2922	3	673.6019	25.38462	667.5504	1.333333
790 STAUNTON 201 - WARI	747.6544	871.4446	1	754.4341	26.4	854.1659	0
790 STAUNTON 301 - WARI	802.5182	731.8857	4	824.4887	27.41538	697.4089	2.666667
790 STAUNTON 401 - WARI	708.9269	703.1216	2	724.2567	27.41538	673.9487	0
790 STAUNTON 501 - WARI	1049.943	542.2559	1	1070.219	25.38462	512.9261	0

800 SUFFOLK C 101 - BELLE	655.1071	261.9432	0	678.9054	11.5625	230.661	0
800 SUFFOLK C 102 - DRIVI	844.1007	1375.202	1	876.2123	29.43182	1327.888	1
800 SUFFOLK C 104 - BENN	673.157	607.328	0	695.878	17.86932	571.362	1
800 SUFFOLK C 201 - EBEN	357.8137	774.2112	2	385.0667	8.409091	749.1191	0
800 SUFFOLK C 202 - CHUC	415.1489	644.2958	1	432.8022	10.51136	629.5563	0
800 SUFFOLK C 203 - KING	980.0062	473.1877	0	996.0815	12.61364	446.5088	0
800 SUFFOLK C 204 - HILLP	719.8745	350.6659	1	734.0665	8.409091	334.3526	0
800 SUFFOLK C 301 - WHIT	292.9437	118.2424	1	292.8939	9.3	114.297	0
800 SUFFOLK C 302 - JOHN	1179.401	140.2024	1	1187.391	11.49129	127.8283	1
800 SUFFOLK C 304 - NANS	914.177	459.4568	0	930.3126	17.86932	440.1604	1
800 SUFFOLK C 305 - SHOL	383.296	229.2003	0	398.8569	5.255682	208.4413	0
800 SUFFOLK C 401 - AIRPC	347.6695	396.5829	0	344.3917	9.3	397.418	1
800 SUFFOLK C 402 - WHA	239.291	604.8151	0	231.7402	6.2	609.2345	0
800 SUFFOLK C 403 - SOUT	483.9473	39.76293	0	488.1564	7.233333	33.55508	0
800 SUFFOLK C 404 - BOOK	897.1866	55.53746	0	900.0738	7.286742	49.33144	0
800 SUFFOLK C 405 - PITTM	144.8623	175.794	0	151.2749	1.033333	170.9212	0
800 SUFFOLK C 501 - KILBY	621.2982	901.9907	1	641.577	12.4	886.0639	0
800 SUFFOLK C 502 - HOLL	562.2802	781.6555	1	565.4032	10.33333	778.0585	0
800 SUFFOLK C 504 - LAKE	491.1089	1013.892	1	495.2292	10.36894	1010.707	1
800 SUFFOLK C 601 - LAKE	723.2383	521.1037	1	723.1152	18.6	508.5692	1
800 SUFFOLK C 602 - OLDE	190.1005	111.9399	0	183.5649	5.255682	113.1954	0
800 SUFFOLK C 603 - ELEPH	207.0994	209.2786	0	214.5743	2.066667	203.4277	0
800 SUFFOLK C 604 - WILR	424.7047	442.5573	0	426.4375	8.409091	435.9281	0
800 SUFFOLK C 605 - HOLL	465.0517	24.29312	0	475.2338	3.153409	19.0454	1
800 SUFFOLK C 702 - HARB	894.0035	677.0387	0	916.5223	11.5625	654.9502	0
800 SUFFOLK C 704 - BURB	1030.971	435.1637	3	1052.303	13.66477	405.2438	1
800 SUFFOLK C 706 - HUN	1206.161	162.6583	2	1202.936	8.409091	167.1763	1
810 VIRGINIA B 001 - NOR	768.3263	1182.311	1.032787	817.9172	7.283592	1134.841	0
810 VIRGINIA B 002 - SOUT	670.6937	626.8059	3.098361	692.8988	35.37745	588.7523	2.216216
810 VIRGINIA B 003 - OCEA	419.1835	523.5798	1.032787	438.624	8.324105	503.4259	0
810 VIRGINIA B 004 - LINK	610.2039	905.6228	1.032787	644.1628	14.56718	869.2629	1.108108
810 VIRGINIA B 005 - SEAT	787.4283	413.9686	2.065574	807.3224	22.89129	378.636	1.108108
810 VIRGINIA B 006 - ALAN	711.0202	1000.335	1.032787	774.4786	9.364619	946.0567	1.108108
810 VIRGINIA B 007 - KING	439.3468	701.299	0	487.36	6.243079	651.6805	1.108108
810 VIRGINIA B 008 - LONC	751.3467	702.3631	0	764.9433	22.89129	675.1453	1.108108
810 VIRGINIA B 009 - TRAN	582.6121	991.8219	2.065574	626.1516	12.48616	944.9901	1.108108
810 VIRGINIA B 010 - GREA	590.0406	1244.034	5.163934	665.3523	13.52667	1172.172	5.540541
810 VIRGINIA B 011 - CAPE	981.6323	1003.528	2.065574	1059.478	12.48616	927.9248	1.108108
810 VIRGINIA B 012 - PLAZ	727.9998	565.0831	3.098361	755.408	21.85078	524.7575	2.216216
810 VIRGINIA B 013 - MT T	836.2446	860.9269	2.065574	871.9506	19.76975	823.4	1.108108
810 VIRGINIA B 014 - MALI	715.2651	723.6469	0	747.9916	13.52667	691.144	1.108108
810 VIRGINIA B 015 - OLD I	408.5713	429.9314	1.032787	420.6129	18.72924	405.3005	1.108108
810 VIRGINIA B 016 - ARAG	812.8977	801.3325	0	823.2146	37.45847	764.738	1.108108
810 VIRGINIA B 017 - OCEA	549.7141	619.3566	0	586.951	20.81026	578.0865	0
810 VIRGINIA B 018 - THOR	802.2855	1018.427	1.032787	862.4153	26.01283	951.3896	0
810 VIRGINIA B 019 - LAKE	345.9591	507.617	1.032787	367.639	9.364619	481.0277	0
810 VIRGINIA B 020 - BAYS	543.3468	594.8803	0	574.2372	14.56718	562.0878	0

810 VIRGINIA B 021 - DAVI	947.6732	256.469	1.032787	971.5416	16.64821	225.0484	1.108108
810 VIRGINIA B 022 - POIN	512.5713	680.0152	1.032787	528.6796	19.76975	657.0134	0
810 VIRGINIA B 023 - ARRC	615.51	787.4981	0	627.2111	23.9318	758.3386	0
810 VIRGINIA B 024 - LARK	542.2855	510.8096	1.032787	548.8097	10.40513	502.3593	0
810 VIRGINIA B 025 - AVAL	927.5099	1013.106	0	985.3148	18.72924	946.0567	0
810 VIRGINIA B 026 - FAIRF	654.7753	764.086	1.032787	703.4936	10.40513	718.8751	1.108108
810 VIRGINIA B 027 - EDWI	735.4283	900.3018	2.065574	745.8727	24.97232	876.729	1.108108
810 VIRGINIA B 028 - THAL	535.9182	640.6403	0	565.7614	17.68872	605.8176	0
810 VIRGINIA B 029 - HOLL	698.2855	432.0598	0	714.0883	18.72924	404.2339	0
810 VIRGINIA B 030 - RED \	488.1631	859.8628	1.032787	523.3823	9.364619	822.3334	0
810 VIRGINIA B 031 - SIGM	799.1018	1495.182	0	858.1774	20.81026	1437.75	1.108108
810 VIRGINIA B 032 - CREE	188.8979	571.4682	1.032787	205.5388	7.283592	551.422	0
810 VIRGINIA B 033 - CAPP	186.7755	658.7315	0	218.2525	3.12154	633.5487	0
810 VIRGINIA B 034 - BLAC	118.8571	347.989	0	125.0184	5.202566	343.4388	0
810 VIRGINIA B 035 - COUF	629.3059	1134.423	0	665.3523	8.324105	1096.445	0
810 VIRGINIA B 036 - WINC	961.4691	629.9985	2.065574	999.088	22.89129	582.3528	0
810 VIRGINIA B 037 - CHES	512.5713	436.3165	2.065574	536.096	21.85078	409.5668	0
810 VIRGINIA B 038 - WITC	794.8569	1211.044	3.098361	820.0362	19.76975	1175.371	3.324324
810 VIRGINIA B 039 - PEME	840.4895	757.7008	0	865.5937	20.81026	719.9417	0
810 VIRGINIA B 040 - BONN	508.3264	501.2319	1.032787	529.7391	17.68872	466.0956	1.108108
810 VIRGINIA B 041 - COLLI	1352	412.9044	1.032787	1370.965	20.81026	385.0355	0
810 VIRGINIA B 042 - BRAN	744.9794	649.1538	3.098361	784.0139	22.89129	596.2184	0
810 VIRGINIA B 043 - BELL	744.9794	433.1239	0	770.2407	24.97232	390.3684	0
810 VIRGINIA B 044 - CENT	808.6528	859.8628	3.098361	852.88	16.64821	813.8007	1.108108
810 VIRGINIA B 045 - TIMB	819.265	356.5025	1.032787	828.512	17.68872	334.9062	0
810 VIRGINIA B 046 - GREE	706.7753	358.6309	1.032787	726.8021	5.202566	338.1059	1.108108
810 VIRGINIA B 047 - KING	725.8773	1205.723	1.032787	790.3708	19.76975	1138.041	1.108108
810 VIRGINIA B 048 - WOLI	682.3671	930.0991	1.032787	732.0995	18.72924	870.3295	1.108108
810 VIRGINIA B 049 - LYNN	646.2855	997.1428	0	700.3151	13.52667	942.857	1.108108
810 VIRGINIA B 050 - OCEA	505.1427	190.4894	0	500.0737	8.324105	190.9179	1.108108
810 VIRGINIA B 051 - STRA	590.0406	703.4273	1.032787	604.9621	15.6077	679.4116	1.108108
810 VIRGINIA B 052 - HOM	933.8773	954.5754	2.065574	953.5304	22.89129	927.9248	2.216216
810 VIRGINIA B 053 - SHAN	571.9998	687.4645	0	603.9026	13.52667	651.6805	3.324324
810 VIRGINIA B 054 - CROM	595.3467	490.59	0	603.9026	21.85078	468.2287	0
810 VIRGINIA B 055 - MAG	766.2038	354.3741	1.032787	785.0734	24.97232	315.7078	1.108108
810 VIRGINIA B 056 - EDINI	325.7958	425.6746	1.032787	347.5089	8.324105	399.9676	0
810 VIRGINIA B 057 - SHER	407.5101	490.59	2.065574	430.1482	11.44564	468.2287	1.108108
810 VIRGINIA B 058 - GLEN	747.1018	657.6673	1.032787	772.3596	15.6077	629.2824	0
810 VIRGINIA B 059 - SHEL	483.9182	452.2793	1.032787	490.5384	13.52667	437.2979	2.216216
810 VIRGINIA B 060 - FOXF	631.4284	1020.555	3.098361	663.2334	9.364619	989.7865	2.216216
810 VIRGINIA B 061 - BAKE	959.3466	131.9591	2.065574	960.9468	10.40513	122.6567	1.108108
810 VIRGINIA B 062 - LAND	732.2447	848.1567	4.131148	780.8355	21.85078	791.4026	2.216216
810 VIRGINIA B 063 - CULV	751.3467	886.4674	0	758.5864	23.9318	861.7969	0
810 VIRGINIA B 064 - ROSE	1097.306	876.8897	3.098361	1121.987	18.72924	851.131	0
810 VIRGINIA B 065 - COLO	717.3875	608.7147	2.065574	741.6348	14.56718	579.1531	1.108108
810 VIRGINIA B 066 - HUN	508.3264	785.3697	0	527.6202	16.64821	751.9391	1.108108
810 VIRGINIA B 067 - EASTI	363.9999	246.8913	0	370.8174	11.44564	231.4479	1.108108

810 VIRGINIA B 068 - MAN	647.3467	765.1501	1.032787	657.936	17.68872	747.6728	0
810 VIRGINIA B 069 - SHEL	830.9385	329.8978	1.032787	857.1179	11.44564	294.3762	1.108108
810 VIRGINIA B 070 - CORP	609.1427	585.3026	3.098361	635.6869	18.72924	545.0225	2.216216
810 VIRGINIA B 071 - ROUN	443.5917	319.256	1.032787	462.992	6.243079	299.7091	0
810 VIRGINIA B 072 - RUDE	593.2243	776.8562	2.065574	628.2706	10.40513	742.3399	1.108108
810 VIRGINIA B 073 - DAHL	765.1426	340.5397	1.032787	780.8355	15.6077	315.7078	0
810 VIRGINIA B 074 - BUCK	689.7957	332.0262	2.065574	699.2556	20.81026	306.1085	0
810 VIRGINIA B 075 - COLO	704.6528	1075.893	2.065574	743.7537	17.68872	1040.982	0
810 VIRGINIA B 076 - VILLA	669.6324	262.8541	1.032787	675.9471	11.44564	250.6464	0
810 VIRGINIA B 077 - BROC	598.5304	557.6338	1.032787	630.3896	15.6077	520.4912	1.108108
810 VIRGINIA B 078 - INDIA	640.9794	543.7993	2.065574	660.0549	17.68872	514.0917	3.324324
810 VIRGINIA B 079 - PLEA	773.6324	293.7155	0	784.0139	18.72924	275.1777	2.216216
810 VIRGINIA B 080 - CHIM	717.3875	360.7592	1.032787	737.3969	16.64821	331.7065	1.108108
810 VIRGINIA B 081 - ROCK	863.8365	532.0933	2.065574	878.3075	13.52667	510.8919	1.108108
810 VIRGINIA B 082 - SHEL	503.0202	615.0998	2.065574	531.8581	7.283592	584.486	0
810 VIRGINIA B 083 - STRA	565.6325	826.873	1.032787	624.0327	18.72924	761.5383	0
810 VIRGINIA B 084 - TALL	764.0814	475.6914	2.065574	794.6087	10.40513	447.9637	1.108108
810 VIRGINIA B 085 - UPTC	708.8977	906.687	2.065574	749.0511	19.76975	866.0632	0
810 VIRGINIA B 086 - HAYG	767.2651	815.1669	2.065574	789.3113	11.44564	791.4026	0
810 VIRGINIA B 087 - HILLC	615.51	700.2348	1.032787	644.1628	9.364619	668.7458	0
810 VIRGINIA B 088 - NORT	494.5305	610.8431	3.098361	527.6202	13.52667	571.687	1.108108
810 VIRGINIA B 089 - LAKE	680.2447	721.5185	1.032787	713.0289	9.364619	689.0108	0
810 VIRGINIA B 090 - LAKE	407.5101	518.2589	3.098361	425.9103	16.64821	492.7601	2.216216
810 VIRGINIA B 091 - LEXIN	786.3671	460.7928	2.065574	816.8577	20.81026	415.9663	2.216216
810 VIRGINIA B 092 - LITTL	449.959	692.7855	2.065574	479.9436	11.44564	661.2798	0
810 VIRGINIA B 093 - NEW	913.714	169.2057	0	923.865	10.40513	151.4544	0
810 VIRGINIA B 094 - PINE	314.1223	400.1342	1.032787	334.7951	11.44564	374.3697	1.108108
810 VIRGINIA B 095 - DAM	357.6325	362.8876	0	385.6501	6.243079	339.1725	0
810 VIRGINIA B 096 - HILLT	493.4692	308.6141	2.065574	500.0737	8.324105	294.3762	2.216216
810 VIRGINIA B 097 - INDIA	806.5304	378.8504	2.065574	820.0362	19.76975	351.9715	1.108108
810 VIRGINIA B 098 - INDEI	438.2856	273.496	0	449.2188	14.56718	250.6464	0
820 WAYNESBC 001 - WARI	399.6588	393.8215	1.333333	393.5022	19.4	391.5681	1
820 WAYNESBC 002 - WARI	803.4916	911.6239	0	812.1215	32.67368	892.4836	0
820 WAYNESBC 003 - WARI	530.0958	639.6995	1.333333	538.9724	14.29474	630.0497	0
820 WAYNESBC 004 - WARI	881.7538	1265.855	1.333333	908.4039	30.63158	1229.899	0
830 WILLIAMSE 001 - STRYI	1794.387	808.7104	1.333333	1816.652	25.96154	781.3634	1
830 WILLIAMSE 002 - MATC	1894.613	740.2896	2.666667	1908.348	28.03846	710.6366	1
840 WINCHEST 101 - MERF	916.1632	770.5266	1	932.5868	15.28571	751.4403	0
840 WINCHEST 102 - OLD 1	617.9526	571.1596	1	618.4976	24.45714	561.1475	1
840 WINCHEST 201 - VIRGI	650.2498	350.2394	1	657.2209	30.57143	323.2815	1
840 WINCHEST 301 - WAR	556.588	501.1117	1	565.7908	22.41905	475.732	0
840 WINCHEST 401 - FRED	268.0665	224.1532	0	269.9876	2.038095	229.2163	0
840 WINCHEST 402 - ROLL	533.9799	621.8096	2	524.9162	12.22857	628.1824	1

GE17LTGD	GE17LTGR	GE17LTGW	GE17SLLD	GE17SLLG	GE17SLLI	GE17SLLL	GE17SLLR	GE17SLLW
410.2244	829.121	0	356.7851	0	0	0	878.7336	0
136.7415	414.0351	0	106.7021	0	0	0	446.7423	0
222.3439	470.781	0	202.2893	0	0	0	493.1023	7
385.7666	388.8146	1	362.3425	0	0	0	418.294	0
88.93755	238.543	0	70.02324	0	0	0	263.4093	0
185.6571	360.4417	0	127.8202	0	0	0	428.8304	0
27.79298	114.5427	0	23.34108	0	0	0	123.2756	0
240.1314	189.1531	0	226.7419	0	0	0	206.5129	0
264.5892	99.83079	0	257.8633	0	0	0	107.471	0
365.7557	503.3573	0	327.8866	0	0	0	553.1596	1
12.22891	167.0852	0	8.89184	0	0	0	174.9038	0
680.3722	856.4431	0	581.304	0	0	0	964.0782	1
186.7688	327.8653	0	162.2761	0	0	0	349.8076	0
330.1806	284.7805	0	308.9914	0	0	0	305.5548	1
135.6298	295.289	0	123.3743	0	0	0	310.823	1
794.8793	514.9167	1	771.3671	0	0	0	536.3014	4
1069.63	649.1953	3.24	1290.9	0	0	0	0	64.34968
442.3443	168.9395	0	496.5001	0	0	0	0	9.652452
910.6452	319.8163	0	1006.881	0	0	0	0	39.6823
1336.767	556.7567	0	1517.262	0	0	0	0	61.1322
1027.45	777.7593	0	906.0852	0	0	0	895.9646	0
821.9601	517.4437	1.08	821.7975	0	0	0	525.5042	1.142857
1453.572	361.2543	1.08	1580.259	0	0	0	0	54.69723
1056.651	292.191	0	1147.823	0	0	0	0	24.66738
449.915	328.3164	1.08	435.0693	0	0	0	350.6914	0
1634.186	888.2607	0	1628.214	0	0	0	922.0306	0
1071.793	623.695	1.08	1049.882	13.68421	44.49565	0	578.198	0
403.4094	264.5657	0	399.9122	0	0	0	271.8125	1.142857
1002.575	450.5054	4.32	960.9272	17.89474	44.49565	0	421.1827	4
513.725	277.3158	0	494.1911	8.421053	30.0087	0	254.6193	0
227.1205	180.6272	0	224.1266	0	0	0	186.538	0
398.0017	457.943	0	360.2767	0	0	0	488.708	1
387.1865	406.9424	0	358.1194	0	0	0	430.5285	0
2017.047	636.4451	3.24	2185.668	0	0	0	0	121.1919
855.4874	986.0118	0	765.8577	0	0	0	1063.099	0
468.3009	347.4417	2.16	432.5478	0	0	0	379.7536	1
491.013	469.6306	1.08	463.8293	0	0	0	497.1705	2
898.7485	576.9444	1.08	751.835	0	0	0	724.5995	2
1677.447	811.7597	1.08	1898.777	0	0	0	77.22009	127.6269
1042.591	873.3855	1.08	860.7809	0	0	0	1045.116	3
1539.012	921.1986	2.16	1557.9	0	0	0	929.4922	4.571429
448.8335	387.8172	0	422.8397	0	0	0	408.3145	1
998.2489	959.449	2.16	846.7582	0	0	0	1107.527	1
1742.339	1128.389	1.08	1736.981	0	0	0	1162.931	1.142857
87.58282	317.6511	0	0	0	0	0	355.4433	4.313043
34.82209	132.8737	0	0	0	0	0	137.5909	6.469565

73.86503	193.082	0	0	0	0	0	220.9794	2.156522
80.19632	239.7954	1	0	0	0	0	268.9278	1.078261
46.42945	201.3866	0	0	0	0	0	212.6406	4.313043
139.2883	332.1841	0	0	0	0	0	388.7987	11.86087
94.96933	230.4528	1	0	0	0	0	266.8431	8.626087
106.5767	294.8134	0	0	0	0	0	349.1891	7.547826
72.80982	101.7314	0	0	0	0	0	139.6757	6.469565
144.5644	342.5649	0	0	0	0	0	406.5187	18.33043
281.7423	396.5448	0	0	0	0	0	543.0673	25.87826
213.1534	215.9197	0	0	0	0	0	303.3255	26.95652
219.754	535.5162	0	0	0	0	0	643.0219	20.71171
325.8421	669.6636	0	0	0	0	0	821.2216	25.07207
221.9191	708.298	1	0	0	0	0	790.0903	23.98198
224.0841	662.1513	1	0	0	0	0	745.0036	30.52252
359.4006	665.3709	0	0	0	0	0	827.6626	20.71171
380.9846	281.1393	0	355.376	0	0	0	288.4356	0
270.7559	586.0513	2	0	0	216.4241	0	606.8297	8
79.19343	347.2897	0	0	0	56.22782	0	360.3698	2
546.8627	918.8706	2	0	0	298.1135	0	1005.515	8
153.0359	384.4993	0	0	0	103.9684	0	419.3959	2
157.3167	434.1121	0	0	0	127.3083	0	442.1779	2
332.8264	1127.658	0	79.44961	0	211.1195	0	1152.07	0
85.61452	266.6689	0	0	0	60.47143	0	279.5973	0
479.4413	1058.407	6	134.2054	0	258.8602	0	1086.86	8
110.2287	243.9297	0	0	0	78.50677	0	258.8864	4
529.7398	934.3746	4	538.969	0	0	0	912.8624	8
69.3	332.8487	0	68.90722	9.529412	13.77037	0	299.6033	0
172.2	530.8989	1	172.268	8.470588	19.06667	0	499.6844	1.111111
76.65	161.7583	0	74.12746	1.058824	8.474074	0	154.4668	0
145.95	716.5061	0	132.5942	10.58824	24.36296	0	676.9583	3.333333
92.4	434.4661	0	95.00843	6.352941	14.82963	0	404.309	0
139.65	475.9426	0	138.8585	0	15.88889	0	455.1068	1.111111
193.2	621.1102	2	180.6204	12.70588	23.3037	0	582.6196	1.111111
177.45	511.1976	1	167.0478	4.235294	20.12593	0	488.2808	2.222222
88.2	204.2716	1	84.56795	1.058824	3.177778	0	196.971	1.111111
1165.912	220.1177	2.2	1064.74	0	0	0	224.9501	2.285714
1468.931	334.0872	2.2	1595.577	0	0	0	0	55.64914
884.1992	364.2556	2.2	926.5007	0	0	0	0	58.80508
1333.993	328.5005	0	1442.18	0	0	0	0	65.12133
1204.973	317.327	1.1	1328.641	0	0	0	0	52.09707
937.4642	294.98	2.2	1041.039	0	0	0	0	46.09911
1394.36	395.5414	2.2	1531.226	0	0	0	0	62.2338
1517.461	451.4088	2.2	1406.741	0	0	0	442.2564	3.428571
1783.786	377.6638	2.2	1639.168	0	0	0	375.6449	6.857143
1581.379	422.3578	0	1693.812	0	0	0	0	87.58831
997.8312	308.3882	0	1130.553	0	0	0	0	41.44085
1449.992	443.5874	2.2	1463.781	0	0	0	0	62.07203

980.0762	227.9391	0	1089.486	0	0	0	0	27.23256
1039.26	243.582	1.1	1137.8	0	0	0	0	29.60061
796.6079	188.8319	1.1	872.0717	0	0	0	0	34.3367
1435.788	407.8322	1.1	1562.772	0	0	0	0	74.91105
1544.685	448.0568	2.2	1683.751	0	0	0	0	65.12133
1760.113	444.7047	2.2	1897.541	0	0	0	0	76.96158
1499.706	336.3219	6.6	1584.612	0	0	0	0	73.75858
1320.972	527.3885	2.2	1469.346	0	0	0	0	79.52097
819.0975	278.2198	1.1	753.7296	0	0	0	274.0897	1.142857
1608.603	401.1281	4.4	1636.519	0	0	0	0	65.33898
1439.339	336.3219	0	1555.718	0	0	0	0	56.83316
1834.684	421.2404	1.1	1997.145	0	0	0	0	78.36849
1271.258	330.7352	1.1	1386.618	0	0	0	0	61.56926
1736.439	345.2607	6.6	1618.139	0	0	0	322.1373	6.857143
1427.502	357.5515	0	1416.654	0	0	0	212.9382	25.9662
1609.787	308.3882	3.3	1499.712	0	0	0	293.7456	4.571429
1542.318	359.7862	2.2	1674.088	0	0	0	0	59.20121
1336.36	215.6483	2.2	1234.08	0	0	0	223.8582	4.571429
1463.012	420.1231	0	1610.071	0	0	0	0	72.22548
516.0788	215.6483	1.1	542.889	0	0	0	0	30.49153
1420.4	536.3273	0	1588.252	0	0	0	0	69.14867
1309.136	407.8322	1.1	1430.519	0	0	0	0	71.45362
1351.748	681.5826	3.3	1578.546	0	0	0	0	106.028
1477.216	459.2303	2.2	1656.199	0	0	0	0	74.91105
1291.381	438.0006	1.1	1442.18	0	0	0	0	62.75329
1266.524	202.2401	1.1	1152.177	0	0	0	220.5822	4.571429
859.3422	233.5258	0	962.6609	0	0	0	0	37.88878
1523.379	402.2455	3.3	1622.15	0	0	0	0	97.08999
1142.239	253.6381	4.4	1236.844	0	0	0	0	46.17695
1184.851	254.7555	1.1	1201.31	0	0	0	0	40.29237
982.4436	125.143	0	915.3221	0	0	0	123.395	0
1072.402	189.9493	2.2	1122.333	0	0	0	0	34.57433
1006.117	205.5921	0	1099.149	0	0	0	0	30.78463
1441.706	379.8985	4.4	1578.667	0	0	0	0	81.69767
1187.218	185.4799	1.1	1106.798	0	0	0	174.7186	0
916.1582	271.5157	0	1003.728	0	0	0	0	30.78463
801.3425	174.3064	0	861.201	0	0	0	0	31.96866
924.4439	321.7964	2.2	1019.199	0	0	0	0	48.40407
377.5898	127.3777	0	431.2044	0	0	0	0	7.104146
925.6276	226.8218	2.2	867.7298	0	0	0	217.3062	1.142857
1073.586	308.3882	0	1002.759	0	0	0	289.3776	2.285714
581.1805	156.4288	0	641.3713	0	0	0	0	23.68049
203.5138	417.4288	0	224.3661	0	0	15.70213	380.848	1
209.8406	482.8467	0	226.463	0	0	18.84255	442.9428	0
297.3621	880.5463	1.133333	339.6784	0	0	0	844.0111	3.6
253.0741	895.0836	0	291.1529	0	0	0	859.6797	0
176.0974	655.2178	0	195.1569	0	0	0	641.3649	0

323.724	889.8917	0	341.7882	0	0	0	877.4373	0
506.1482	1392.468	1.133333	580.1961	0	0	0	1337.047	3.6
110.7199	415.352	0	126.8612	0	0	16.74894	381.883	0
101.2296	569.0323	0	116.3768	0	0	15.70213	539.1898	0
141.2997	479.7316	0	166.7019	0	0	14.65532	438.8032	0
143.4087	545.1495	0	170.8957	0	0	18.84255	505.0376	0
146.5721	596.0301	1.133333	166.7019	0	0	27.21702	556.7833	0
81.19461	342.6654	0	0	0	68.46196	0	348.2163	0
46.39692	199.369	0	50.3251	0	0	7.32766	189.3891	0
268.8912	693.6379	0	314.5319	0	0	39.77872	610.5988	1
223.5488	896.122	0	0	0	193.8	0	899.9894	4.363636
133.9184	441.3115	2.266667	0	0	126.3913	0	438.112	1.090909
128.646	466.2326	1.133333	0	0	112.6989	0	476.3434	0
246.7472	951.1561	1.133333	117.4252	0	133.7641	20.93617	916.9996	0
177.1519	578.3777	0	208.6395	0	0	17.79574	524.701	0
380.6656	1311.474	2.266667	0	0	333.8837	0	1321.569	6.545455
343.759	897.1603	2.266667	361.7117	0	0	32.45106	847.5939	3
204.5682	680.1389	1.133333	228.9137	0	0	0	664.3454	0
492.44	1173.369	1.133333	530.6157	0	0	0	1145.891	2.4
408.082	790.2072	2.266667	451.498	0	0	0	755.2228	2.4
98.77387	165.3664	0	0	0	82.03883	0	177.2375	0
10.85427	47.84184	1	0	0	8.750809	0	51.08609	0
83.57789	144.5656	0	0	0	61.25566	0	157.4286	0
45.58794	189.2873	0	0	0	40.47249	0	193.9186	1
11.9397	41.6016	0	0	0	6.563107	0	45.87323	0
90.09045	223.6086	0	0	0	67.81877	0	236.6641	1
91.17588	226.7287	0	0	0	71.10032	0	239.7919	8
213.939	892.5635	1	0	0	0	0	927.4565	27.38931
141.9093	394.8281	0	0	0	0	0	427.7358	22.12214
199.9631	626.8946	0	0	0	0	0	683.2206	17.38843
150.5099	593.2922	1	0	0	0	0	609.2627	26.33588
98.90647	330.7735	0	0	0	0	0	340.1021	4.21374
118.2577	474.6338	1	0	0	0	0	500.6087	11.95455
311.7704	953.4679	1	0	0	0	0	1038.999	32.60331
92.45605	318.1726	0	0	0	0	0	348.432	4.347107
244.041	761.3042	0	0	0	0	0	835.3973	26.08264
364.2756	1642.764	0	0	0	0	0	1752.655	41.29752
170.9362	670.9978	0	0	0	0	0	704.1992	12.64122
127.9334	406.3789	0	0	0	0	0	444.9855	8.694215
129.2591	434.5442	1	0	0	0	0	467.0249	18.47521
79.55521	370.6764	0	0	0	0	0	399.8572	8.694215
334.3644	1074.434	3	323.7868	0	0	0	1092.371	0
188.0132	576.6266	2	0	0	0	0	655.9338	24.99587
414.4837	1263.186	1	0	0	0	0	1368.54	40.21074
241.4261	987.3176	0	0	0	0	0	1046.346	28.2562
83.32404	244.7552	0	88.69407	0	0	0	240.1964	0
102.5527	325.6489	1	99.3801	0	0	0	323.743	2

124.9861	527.883	0	130.3696	0	0	0	524.2548	0
363.2073	969.6869	1	369.7367	0	0	0	964.963	3
374.9582	1362.747	0	384.6972	0	0	0	1349.277	3
190.1497	626.4074	0	0	0	0	0	659.3391	29.49618
175.2365	624.7945	0	0	0	0	0	659.3391	31.60305
47.3031	161.7115	1	50.22435	0	0	0	154.5612	0
327.8965	833.7593	1	0	0	0	0	898.2452	35.81679
204.2634	1081.577	0	0	0	0	0	1102.724	29.49618
188.1373	521.8871	0	173.1137	0	0	0	525.2991	1
96.75633	424.2302	0	106.8603	0	0	0	406.2452	1
447.2293	798.0568	0	2.137206	0	0	0	884.685	56.8855
47.25	200.1498	0	39.64987	0	0	0	203.1354	0
44.02841	240.8052	1	55.72414	0	0	0	226.0533	1
16.10795	64.63171	0	20.36074	0	0	0	59.37805	0
106.3125	420.1061	0	112.5199	0	0	0	398.9788	1
32.21591	199.1074	1	36.43501	0	0	0	195.8434	0
21.47727	110.4994	0	21.43236	0	0	0	111.4641	0
110.608	434.7004	0	117.878	0	0	0	428.147	0
417.9504	972.3834	0	0	0	0	0	1171.397	40.59347
309.154	1187.652	0	0	0	0	0	1277.024	47.00297
309.154	975.5337	0	0	0	0	0	1055.208	58.75371
318.8488	1041.689	3.25	0	0	0	0	1127.034	45.93472
248.8313	810.6695	3.25	0	0	0	0	942.1879	26.70623
268.2207	818.0201	1.083333	0	0	0	0	944.3005	20.29674
144.3437	579.6497	3.25	0	0	0	0	635.8712	20.29674
408.2557	1112.045	1.083333	0	0	0	0	1270.686	58.75371
179.891	539.7463	0	45.86667	0	0	0	583.4095	22.43323
479.3503	1291.611	1.083333	434.1333	0	0	0	1252.881	24.22849
124.5156	120.3878	0	172.0449	0	0	0	0	14.56757
159.0452	224.5069	0	278.6494	0	0	0	0	21.85135
144.3963	283.0739	0	265.9836	0	0	0	0	35.37838
80.56895	82.42766	0	115.0484	0	0	0	0	8.324324
281.4681	133.4027	1	338.8124	0	0	0	0	16.64865
257.4021	125.8106	0	320.8691	0	0	0	0	14.56757
46.0394	63.98989	0	73.88432	0	0	0	0	7.283784
242.7532	226.6761	0	339.8679	0	0	0	0	20.81081
104.635	111.7112	0	139.3247	0	0	0	0	8.324324
111.9594	79.17394	0	136.1583	0	0	0	0	17.68919
417.4936	296.0888	0	546.744	0	0	0	0	38.5
182.0649	85.68138	0	221.653	0	0	0	0	5.202703
556.6582	206.0691	0	645.9601	0	0	0	0	21.85135
33.48113	140.2837	0	36.74194	0	0	0	139.2541	0
58.03396	314.279	1.166667	57.89638	0	0	0	313.3218	2.8
27.90094	33.71158	0	30.06158	0	0	0	30.46184	0
53.56981	181.6076	1.166667	42.3089	0	0	0	190.3865	1.4
79.23868	184.87	0	69.0303	0	0	0	195.8261	1.4
101.5594	225.1064	1.166667	85.73118	0	0	0	239.3431	0

71.42642	235.9811	0	69.0303	0	0	0	236.0793	1.4
114.9519	382.7896	0	100.2053	0	0	0	393.8281	0
7.812264	41.32388	0	7.793744	0	0	0	41.34107	0
111.6038	163.1206	0	103.5455	0	0	0	168.6281	0
54.68585	48.93617	1.166667	55.6696	0	0	0	45.69277	0
74.77453	225.1064	1.166667	71.25709	0	0	0	230.6397	0
50.2217	142.4586	0	51.21603	0	0	0	141.43	0
73.65849	227.2813	1.166667	85.73118	0	0	0	223.0242	0
77.0066	127.234	0	80.16422	0	0	0	124.0232	0
128.3443	297.9669	0	124.6999	0	0	0	317.6735	0
64.73019	247.9433	0	67.91691	0	0	0	248.0464	0
264.833	346.5064	0	246.6179	6.26087	14.73684	0	329.9147	3.375
69.08686	119.7022	1	62.69946	1.043478	4.210526	0	117.6766	2.25
183.1849	232.0543	0	173.4685	2.086957	11.57895	0	221.6943	1.125
172.7171	295.0555	0	158.8386	3.130435	8.421053	0	293.1408	1.125
79.55457	260.4048	0	73.14937	1.043478	8.421053	0	254.2655	0
260.6459	468.3087	0	244.5279	4.173913	9.473684	0	465.4529	0
78.5078	238.3544	0	66.87942	4.173913	5.263158	0	239.5559	0
229.2428	214.204	0	205.8632	14.6087	15.78947	0	200.6806	0
343.3408	262.5049	0	321.8572	6.26087	9.473684	0	252.1641	0
198.8864	249.9047	1	188.0984	5.217391	12.63158	0	237.4545	1.125
347.8363	1202.912	0	0	0	0	0	1290.854	50.3949
299.4965	1158.129	1.277778	14.70886	0	2.061856	0	1225.784	41.63057
255.3602	817.5639	1.277778	0	0	0	0	894.7846	31.7707
310.0052	1229.991	1.277778	337.2532	13.333333	37.1134	0	1131.026	1.227273
117.6969	402.0123	1.277778	119.7722	2.222222	26.80412	0	363.4698	3.681818
104.0356	380.1412	0	100.8608	3.333333	21.64948	0	353.0552	0
418.2443	824.8543	0	397.1392	15.55556	46.39175	0	761.3079	4.909091
158.6806	814.4394	2.555556	161.7975	14.44444	65.97938	0	714.4421	6.136364
337.3277	1367.467	3.833333	336.2025	23.33333	68.04124	0	1247.67	4.909091
278.4792	1132.092	6.388889	65.13924	2.222222	13.40206	0	1185.153	31.7707
248.0041	623.8481	0	249	4.444444	32.98969	0	586.3425	1.227273
252.2076	665.5074	1.277778	95.60759	3.333333	13.40206	0	681.6332	16.43312
327.8699	1056.063	1.277778	326.7468	32.22222	53.60825	0	959.1855	3.681818
223.8342	494.7043	0	209.1495	0	0	0	502.2665	0
276.3775	687.3785	1.277778	262.9305	4.444444	9.278351	0	675.7819	3.227273
114.5443	348.8967	1.277778	108.6921	1.111111	9.278351	0	342.2438	0
273.7012	564.0491	1	278.5149	0	0	0	558.6312	0
227.7361	374.9765	0	224.563	0	0	0	377.9507	1
346.8275	309.4876	1	347.7679	0	0	0	306.6541	2
376.078	413.0022	0	384.3201	0	0	0	401.0908	0
135.806	205.973	1	136.1373	0	0	0	204.0387	0
394.8819	523.9108	1	332.2331	0	0	0	563.2309	1
730.2182	440.4653	0	724.7776	0	0	0	431.8624	2
252.808	159.497	0	239.1557	0	0	0	161.2852	1
478.4548	286.2496	0	461.6019	0	0	0	297.1043	0
246.54	332.7256	0	239.0736	0	0	0	334.6444	2

358.3188	374.9765	0	359.2558	0	0	0	373.5026	1
248.6294	275.6869	0	249.5992	0	0	0	278.0048	0
66.83776	234.2116	0	0	0	54.13616	0	231.2559	1.052632
92.29976	364.91	0	0	0	77.48902	0	365.1959	1.052632
42.43667	218.5277	1	0	0	37.15227	0	211.3742	2.105263
111.3963	325.1776	1	0	0	90.22694	0	333.8037	1.052632
252.4982	731.9111	0	0	0	174.0849	0	760.7377	1.052632
80.62967	273.9439	0	0	0	73.24305	0	274.1586	1.052632
126.2491	386.8673	0	0	0	97.65739	0	389.2633	1.052632
235.5235	769.5522	1	0	0	188.9458	0	784.805	5.263158
73.20326	314.7218	0	0	0	63.6896	0	313.922	2.105263
43.49759	164.1572	0	0	0	38.21376	0	164.2859	0
177.1731	570.8907	0	0	0	148.6091	0	574.4773	1.052632
85.93426	360.7276	0	0	0	83.85798	0	349.4998	1.052632
81.69059	256.1689	0	0	0	68.99707	0	258.4625	1.052632
23.34017	96.19403	0	0	0	21.22987	0	97.31582	0
43.49759	216.4366	0	0	0	47.7672	0	209.2813	0
110.3353	571.9362	0	0	0	87.04246	0	581.8021	1.052632
58.35042	279.1718	0	0	0	46.70571	0	290.9011	0
54.10676	309.4938	0	0	0	50.95168	0	303.4579	0
544.4555	389.9357	0	538.9263	0	348.133	0	0	3.5
569.6516	270.3698	0	570.757	0	222.8051	0	0	7
583.8929	344.6945	1	543.3167	0	347.0618	0	0	10.5
220.1735	371.0908	0	218.7826	0	0	0	372.4286	0
208.3593	412.7864	0	193.0435	0	0	0	423.5462	1
156.8065	307.505	0	144.7826	0	0	0	312.9652	0
213.7294	412.7864	0	195.1884	0	0	0	421.4598	0
201.9152	312.717	4	199.4783	0	0	0	316.0948	1
198.6931	472.2027	2	195.1884	0	0	0	469.4478	3
193.3231	292.9116	1	185.5362	0	0	0	291.0576	0
458.8416	428.7218	0	464.523	0	0	0	399.4202	1.086957
680.2779	798.4944	3.125	660.7871	0	0	0	817.5189	1.0625
796.319	1144.687	0	780.8611	0	0	0	1120.067	5.434783
665.3735	1083.594	2.083333	675.7654	0	0	0	1040.817	2.173913
536.232	407.1337	1.028571	728.7201	0	0	0	0	50.31925
1227.481	1033.22	2.083333	1220.246	0	0	0	1042.93	5.3125
775.0271	778.1301	1.041667	762.1149	0	0	0	797.027	1.0625
835.7091	1482.306	1.041667	807.3891	0	0	0	1515.322	2.125
1222.158	1205.78	0	1207.55	0	0	0	1175.014	2.173913
538.6864	586.2771	1.041667	517.0709	0	0	0	586.4503	2.173913
1244.515	1369.766	3.125	1209.467	0	0	0	1404.234	8.5
751.6059	674.1651	1.041667	712.529	0	0	0	710.7453	4.25
562.1075	704.1756	1.041667	559.1091	0	0	0	666.757	2.173913
1141.484	627.0917	1.028571	1161.308	0	0	0	583.2803	3.26087
207.5965	233.6534	0	213.3443	0	0	0	218.7301	1.086957
619.0559	486.4455	1.028571	594.1954	0	0	0	487.7905	1.085714
868.5896	468.4682	0	1092.526	0	0	0	0	48.13146

750.7248	145.9337	0	831.8723	0	0	0	0	16.40845
389.6973	141.7037	0	459.1935	0	0	0	0	9.84507
1060.784	410.3062	2.057143	1252.245	0	0	0	0	48.13146
869.7763	956.0497	0	882.8039	0	0	0	904.5071	2.173913
1417.564	733.8982	4.114286	1427.2	0	0	0	695.287	3.26087
866.5825	1661.297	0	822.4805	0	0	0	1717.005	1.0625
411.9961	531.9176	1.028571	398.2262	0	0	0	529.6609	1.085714
1928.311	503.3654	0	2179.505	0	0	0	0	57.97653
147.5965	24.32228	0	161.9378	0	0	0	0	2.187793
413.0579	161.796	0	401.4656	0	0	0	161.6701	0
1331.812	322.6132	3.125	1404.125	0	0	0	0	32.12319
281.3891	414.5362	1.028571	269.3267	0	0	0	411.377	0
1033.724	961.4087	2.083333	1314.875	0	0	0	0	110.8768
531.2342	1494.096	2.083333	503.4055	0	0	0	1519.636	5.3125
151.1729	590.5643	2.083333	153.0698	0	0	0	591.0295	0
512.8714	1524.901	1.028571	481.8464	0	0	0	1584.347	0
992.8256	1155.837	3.085714	975.5502	0	0	0	1198.237	2.125
315.3681	240.0503	1.028571	308.1013	0	0	0	233.4277	1.085714
1044.856	1832.631	1.028571	1026.614	0	0	0	1829.969	0
783.642	1060.663	3.085714	743.4466	0	0	0	1084.857	3.375
1051.227	1400.117	3.085714	1010.706	0	0	0	1411.902	2.25
585.0769	1300.713	0	567.9963	0	0	0	1287.516	0
681.7048	876.6594	0	651.8334	0	0	0	881.3726	1.085714
934.424	1333.495	2.057143	914.1067	0	0	0	1380.507	3.1875
254.8429	346.8568	1.028571	249.0079	0	0	0	363.4615	0
516.0569	666.2189	0	489.3991	0	0	0	670.9737	0
1332.616	1204.481	1.028571	1303.667	0	0	0	1192.261	8.685714
889.8265	1031.053	5.142857	877.0761	0	0	0	1036.171	2.25
906.8161	714.8634	3.085714	885.5294	0	0	0	704.47	1.085714
894.0739	982.4084	1.028571	855.1384	0	0	0	994.4227	3.257143
711.4365	1003.558	1.028571	678.456	0	0	0	1035.721	0
466.1502	613.3443	1.028571	461.104	0	0	0	606.0745	1.085714
1364.471	793.1177	2.057143	1333.01	0	0	0	778.79	4.342857
541.5412	433.571	2.057143	511.4063	0	0	0	449.0604	0
510.7477	506.5378	1.028571	506.1665	0	0	0	491.9776	1.085714
842.0435	975.006	0	813.443	0	0	0	995.9518	1.125
825.054	699.0011	1.028571	825.8082	0	0	0	681.2834	2.142857
1068.217	1081.813	1.028571	1034.34	0	0	0	1072.93	0
854.7856	952.7987	2.057143	851.9945	0	0	0	919.056	3.257143
427.9237	424.0536	0	426.3417	0	0	0	419.1253	1.125
421.5527	436.7435	0	419.9784	0	0	0	436.0597	0
727.3642	575.2747	1.028571	709.4714	0	0	0	569.4379	1.085714
529.8609	534.0326	2.057143	522.9339	0	0	0	523.3804	3.257143
773.0235	999.3283	1.028571	742.3861	0	0	0	1017.12	3.375
1220.06	1653.915	0	1124.753	0	0	0	1750.962	0
1085.206	999.3283	3.085714	1034.645	0	0	0	1041.027	4.285714
983.2689	819.5549	1.028571	962.5594	0	0	0	828.7887	0

971.5886	1631.707	5.142857	876.6924	0	0	0	1718.065	3.214286
802.7552	867.142	1.028571	806.7266	0	0	0	856.3797	1.071429
660.4679	463.1807	1.028571	642.413	0	0	0	476.4739	1.071429
823.9921	1137.86	2.057143	789.7652	0	0	0	1165.186	2.142857
538.3557	830.1299	0	497.181	0	0	0	869.1139	1.071429
530.9228	186.1183	1.028571	517.6941	0	0	0	184.2299	2.171429
921.6819	1265.816	1.028571	867.714	0	0	0	1282.282	2.171429
1062.907	246.3952	0	1049	44	0	137	0	3
700.818	201.9806	2.057143	693.752	0	0	0	190.5105	2.171429
281.3891	468.4682	1.028571	275.7434	0	0	0	468.87	1.125
784.7038	1349.358	1.028571	740.265	0	0	0	1376.975	3.375
378.3495	763.7692	0	405.9371	0	0	0	736.465	0
458.6388	535.282	2.333333	494.8044	0	0	0	494.5448	1
353.0529	490.2282	0	358.8724	0	0	0	484.0762	0
140.7812	230.6325	1.166667	145.9179	0	0	0	224.7931	1
463.0382	632.8986	1.166667	487.6351	0	0	0	609.9682	0
316.7577	473.0649	1.166667	342.3037	0	0	0	448.5158	0
136.3818	164.1246	1.166667	141.5294	0	0	0	161.6369	1
57	265	0	65	0	0	0	254	1
65	329	0	72	0	0	0	320	0
74	161	0	70	0	0	0	161	0
68	125	0	82	0	0	0	111	1
32	126	0	30	0	0	0	125	0
9	27	0	12	0	0	0	24	0
37	139	1	41	0	0	0	136	0
48	266	0	60	0	0	0	251	1
812.1719	811.5778	1.066667	795.8892	0	0	0	845.5174	1
701.9562	585.435	1.066667	705.3422	0	0	0	584.046	0
239.6924	609.7401	0	229.1726	29.41135	0	0	586.1065	0
176.5591	449.1153	1.066667	182.6806	0	0	0	444.5613	0
142.3173	156.3978	0	137.8117	0	0	0	162.7222	0
273.9341	574.8676	1.066667	263.872	0	0	0	586.0127	2
512.5565	1020.813	2.133333	496.7631	0	0	0	1048.654	1
380.9397	897.1739	1.066667	370.1191	40.56738	0	0	855.5687	0
362.7487	852.7907	2.133333	331.3857	46.65248	0	0	826.2109	0
53.50276	155.3411	0	59.82523	0	0	0	151.0232	0
453.7034	822.1452	3.2	449.7575	0	0	0	824.2465	0
165.8586	209.2349	1.066667	163.4511	0	0	0	212.7088	1
331.7171	807.3508	2.133333	298.9707	26.36879	0	0	792.0472	6
163.7185	443.8316	0	161.3145	0	0	0	448.8155	1
70.62365	264.1855	0	72.64492	0	0	0	263.7589	0
273.1035	430.7379	1	0	0	0	0	510.0464	24.88889
206.3912	441.1927	0	0	0	0	0	483.8633	28
342.943	244.6424	0	0	0	0	0	343.522	29.03704
185.5436	400.419	1	0	0	0	0	445.1123	25.92593
271.0187	322.008	0	0	0	0	0	408.456	32.14815
226.1896	513.5935	2	0	0	0	0	550.0327	38.13008

64.45819	176.5814	1	0	0	0	0	181.1745	13.07317
23.43934	81.83042	0	0	0	0	0	83.53555	3.268293
96.1013	178.7349	0	0	0	0	0	195.2779	10.89431
17.57951	120.5922	0	0	0	0	0	126.9306	2.178862
36.33098	192.7322	0	0	0	0	0	189.8535	7.626016
78.52179	306.8641	0	0	0	0	0	303.7656	15.25203
225.0177	324.0915	0	0	0	0	0	351.5002	23.96748
66.80212	111.9785	0	0	0	0	0	117.1667	3.268293
160.5595	393.0013	0	0	0	0	0	418.7626	16.34146
88.13671	271.3629	0	161.7225	0	0	0	0	35.41014
148.3276	397.9274	1	280.4525	0	0	0	0	63.72711
176.2734	692.8871	0	330.8927	0	0	0	0	89.56682
263.3353	172.6855	1	327.9111	0	0	0	0	30.36706
478.3029	735.7903	0	680.9367	0	0	0	0	110.3963
113.9328	226.3145	0	219.7403	0	0	0	0	54.58385
222.4915	406.5081	0	351.108	0	0	0	0	49.99078
483.6771	375.4032	0	599.5479	0	0	0	0	111.2507
354.6965	525.5645	1	519.5677	0	0	0	0	67.778
203.1444	266	1	327.3296	0	0	0	0	35.67301
195.6205	173.7581	0	277.3949	0	0	0	0	23.09317
101.0348	41.83065	0	113.8441	0	0	0	0	6.248848
819.0265	368.9677	1	872.5518	0	0	0	0	111.9142
376.7192	449.5845	3	390.4149	0	0	0	440.4164	0
532.2254	337.1884	0	548.3355	0	0	0	323.8356	0
360.2925	665.7309	0	366.2881	0	0	0	655.2274	1
411.7629	555.4962	0	407.9616	0	0	0	550.5205	2
935.4138	607.197	1.087805	1087.518	0	0	0	0	138.9342
1749.064	930.3645	1.087805	1985.12	0	0	0	0	177.8799
1211.941	367.8966	1.087805	1167.471	0	0	0	379.6038	2.266667
905.8265	526.6847	2.17561	1044.459	0	0	0	0	124.485
580.3662	311.9852	0	643.8535	0	0	0	0	70.69587
1446.364	685.4729	2.17561	1620.789	0	0	0	0	163.3866
1572.679	839.7882	5.439024	1811.795	0	0	0	0	153.3833
719.1989	443.936	1.087805	813.6485	0	0	0	0	83.23868
578.0903	419.335	0	714.3395	0	0	0	0	80.02608
1012.796	484.1921	2.17561	1182.469	0	0	0	0	103.367
1008.244	583.7143	2.17561	1137.285	0	0	0	0	128.8489
1508.952	637.3892	2.17561	1648.949	0	0	0	0	137.971
1532.85	843.1429	0	1716.183	0	0	0	0	201.8253
1107.248	831.9606	5.439024	1454.744	0	0	0	0	118.7233
695.3015	398.0887	1.087805	813.7651	0	0	0	0	92.46718
1439.536	862.1527	2.17561	1656.926	0	0	0	0	180.1604
1161.87	664.2266	3.263415	1346.964	0	0	0	0	137.971
960.4492	417.0985	3.263415	1035.863	0	0	0	0	91.22047
1646.647	761.5123	2.17561	1818.744	0	0	0	0	144.8125
859.1696	405.9163	1.087805	869.4122	0	0	0	409.8523	1.071429
687.3357	362.3054	0	711.5452	0	0	0	344.5965	2.142857

873.9633	515.5025	0	1030.166	0	0	0	0	109.4646
1136.835	552.4039	3.263415	1268.582	0	0	0	0	127.8559
1342.808	465.1823	2.17561	1452.515	0	0	0	0	86.75933
276.5274	131.9507	0	308.0382	0	0	0	0	26.67536
1255.184	203.5172	0	1303.139	0	0	0	0	43.37967
1453.192	630.6798	0	1621.347	0	0	0	0	160.5929
1134.559	743.6207	3.263415	1304.202	0	0	0	0	172.2301
1423.604	796.1773	0	1405.554	0	0	0	759.3029	0
310.6666	125.2414	0	350.1458	0	0	0	0	32.48076
1417.914	411.5074	1.087805	1537.465	0	0	0	0	102.4071
1452.054	332.1133	6.526829	1539.763	0	0	0	0	94.26106
1594.3	807.3596	1.087805	1874.787	0	0	0	0	142.6833
1243.804	642.9803	4.35122	1470.149	0	0	0	0	103.2424
655.4724	267.2562	1.087805	750.1469	0	0	0	0	37.12086
920.6202	372.3695	1.087805	1057.394	0	0	0	0	62.64146
1381.499	713.4286	0	1501.85	0	0	0	710.3017	2.285714
1627.301	502.0837	1.087805	1784.516	0	0	0	0	122.1903
1256.322	552.4039	1.087805	1416.812	0	0	0	0	126.8451
1141.387	227	3.263415	1205.382	0	0	0	0	66.33186
1761.582	526.6847	3.263415	1902.871	0	0	0	0	133.8274
2137.113	604.9606	3.263415	2319.986	0	0	0	0	138.4823
1614.784	376.8424	3.263415	1727.063	0	0	0	0	98.91593
1400.845	854.3251	1.087805	1535.983	0	0	0	850.967	0
739.6824	367.8966	1.087805	851.466	0	0	0	0	76.80531
1815.14	1082.487	5.655738	1751.931	0	0	0	1007.283	6.375
1281.358	706.7192	3.263415	1458.179	0	0	0	0	154.7743
1215.355	500.9655	2.17561	1361.656	0	0	0	0	104.7345
1163.008	345.532	3.263415	1289.264	0	0	0	0	69.82301
575.8143	261.665	1.087805	562.4444	0	0	0	251.2722	0
1184.63	333.2315	1.087805	1265.134	0	0	0	0	75.64159
1173.25	516.6207	2.17561	1299.606	0	0	0	0	100.0796
853.0101	598.9686	3.393443	897.2089	0	0	0	601.0245	1.142857
1070.076	761.2845	3.393443	1176.368	0	0	0	711.4642	1.142857
1014.968	598.6439	3.219512	1278.287	0	0	0	0	113.6772
540.9046	350.9225	0	582.6982	0	0	0	335.9692	0
664.1041	484.6616	0	700.9445	0	0	0	482.4471	0
892.4915	436.909	0	1108.514	0	0	0	0	80.3154
654.7175	595.5394	0	692.4112	0	0	0	589.3993	0
1029.711	485.2048	2.146341	1262.059	0	0	0	0	91.43599
1187.409	820.7242	2.262295	1273.89	0	0	0	796.3284	0
835.7894	360.5342	0	988.6751	0	0	0	0	72.90167
679.3574	531.5275	4.52459	736.2965	0	0	0	512.6727	4.571429
988.8852	449.2637	2.146341	1197.146	0	0	0	0	82.78664
882.3433	501.8077	0	1062.326	0	0	0	0	74.13729
1212.292	541.3628	3.219512	1151.699	0	470.4899	0	0	24.78873
326.6043	231.3708	2.146341	368.1482	0	0	0	225.5295	0
944.6575	430.17	1.073171	938.0047	0	333.8605	0	0	13.52113

596.5064	289.7751	0	715.2914	0	0	0	0	60.54545
1482.779	722.3744	6.526829	1484.631	0	0	0	673.7167	5.3125
1532.85	569.1773	6.526829	1547.001	0	0	0	517.906	4.25
1498.341	841.2994	3.393443	1454.559	0	0	0	772.47	4.25
868.2634	853.8732	1.131148	922.8086	0	0	0	853.292	2.285714
849.4901	547.5305	1.131148	899.647	0	0	0	537.0857	1.142857
1248.356	460.7094	3.263415	1241.833	0	0	0	429.0281	2.125
900.1366	182.2709	1.087805	901.0249	0	0	0	160.1997	2.125
1318.822	771.5722	1.131148	1277.473	0	0	0	707.7317	3.1875
1038.396	780.7167	3.393443	1089.816	0	0	0	782.3781	2.285714
1106.449	876.7346	0	1156.863	0	0	0	877.705	1.142857
780.2637	539.529	0	824.0669	0	0	0	532.4356	0
1159.594	298.5665	2.17561	1136.026	0	0	0	288.579	1.0625
636.1979	382.9973	2.146341	782.7011	0	0	0	0	90.20037
1273.53	680.6346	2.146341	1513.071	0	0	0	0	136.1406
471.7617	180.8287	1.073171	520.5778	0	0	0	0	35.76574
528.4639	194.3066	1.073171	567.4969	0	0	0	0	45.5704
1367.655	457.1259	2.146341	1498.359	0	0	0	0	79.60761
746.2	210.0308	3.219512	810.3188	0	0	0	0	41.12219
866.4086	618.8608	4.292683	1029.139	0	0	0	0	115.3706
1064.866	288.652	2.146341	1126.032	0	0	0	0	78.45388
1367.655	450.3869	2.146341	1456.281	0	0	0	0	73.35724
1540.03	787.3347	2.146341	1751.857	0	0	0	0	163.8302
895.8937	351.5489	0	985.7027	0	0	0	0	72.68521
882.2852	117.9317	0	901.4939	0	0	0	0	21.70338
920.8426	420.0616	3.219512	1025.69	0	0	0	0	82.24902
1223.632	514.407	0	1348.081	0	0	0	0	100.0326
741.6639	242.6024	1.073171	787.2088	0	0	0	0	45.5704
1399.409	418.9384	2.146341	1481.928	0	0	0	0	102.75
1567.247	606.506	2.146341	1749.594	0	0	0	0	126.9107
1348.377	464.988	2.146341	1471.198	0	0	0	0	98.06735
1386.934	509.9143	1.073171	1547.021	0	0	0	0	98.06735
1071.67	511.0375	2.146341	1233.543	0	0	0	0	101.5286
1103.423	495.3133	1.073171	1266.362	0	0	0	0	96.91362
844.376	478.601	1.087805	963.8615	0	0	0	0	18.89505
1042.185	405.4605	3.219512	1176.958	0	0	0	0	74.99268
1225.9	223.5087	0	1279.871	0	0	0	0	46.8336
1202.085	207.7845	1.073171	1252.518	0	0	0	0	38.83762
1374.46	381.8742	2.146341	1344.135	0	0	0	369.5508	7.866667
625.8851	278.4384	0	659.0379	0	0	0	234.8868	2.266667
724.8888	269.4926	1.087805	750.7596	0	0	0	233.7736	1.133333
900.1366	308.6305	1.087805	884.379	0	0	0	297.2264	1.133333
1107.96	318.9773	2.146341	1056.875	0	0	0	330.1222	1.1
199.5915	43.80321	0	197.0319	0	0	0	43.41509	2.266667
1304.149	393.1058	0	1311.282	0	0	0	372.9245	2.266667
1137.973	452.8818	4.35122	1132.367	0	0	0	444.1698	3.4
463.8234	80.86747	2.146341	440.0902	0	0	0	83.37557	1.1

868.6766	341.4404	1.073171	876.4524	0	0	0	328.3962	1.133333
1069.695	432.7537	1.087805	1078.014	0	0	0	407.434	5.666667
623.6092	280.6749	0	637.5229	0	0	0	252.6981	1.133333
1036.578	436.8187	2.17561	1016.866	0	0	0	444.1698	0
569.2894	101.0843	0	547.6434	0	0	0	98.02262	2.2
694.0341	208.9076	0	697.5384	0	0	0	195.9245	4.533333
1207.755	351.5489	3.219512	1227.355	0	0	0	149.1698	51.19335
655.4766	180.8287	0	612.3948	0	0	0	191.5385	3.3
954.7593	413.7438	2.17561	946.6592	0	0	0	405.2075	4.533333
642.9547	317.5764	0	635.2582	0	0	0	313.9245	2.266667
936.7192	202.1687	3.219512	897.74	0	0	0	202.8054	1.1
766.6128	370.6426	2.146341	756.4215	0	0	0	365.1321	1.133333
591.746	346.6502	2.17561	630.8202	0	74.92579	0	0	55.61953
978.6788	423.4311	1.073171	972.7037	0	0	0	416.3396	4.533333
1227.034	506.5449	0	1158.447	0	458.3696	0	0	15.77465
1376.728	379.6279	1.073171	1437.512	0	0	0	0	63.35398
768.8809	302.1299	4.292683	847.9332	0	0	0	0	57.79661
518.9157	270.6108	1.087805	609.452	0	0	0	0	56.68514
763.5799	175.5616	1.087805	765.4804	0	0	0	159.1887	2.266667
749.6022	531.2544	2.146341	865.0239	0	0	0	0	91.38264
941.2554	436.909	1.073171	1000.352	0	0	0	0	110.6104
1349.511	377.3815	2.146341	1443.986	0	0	0	0	71.96383
889.0894	633.4619	1.073171	1063.33	0	0	0	0	124.5088
1083.011	617.7376	4.292683	1249.099	0	0	0	0	118.7974
1549.102	496.4364	1.073171	1674.902	0	0	0	0	93.45242
910.6362	362.7805	0	1032.558	0	0	0	0	58.25643
824.449	568.3186	0	948.2212	0	0	0	0	105.09
819.9128	313.3615	0	883.2589	0	0	0	0	70.82154
1092.083	712.083	3.219512	1306.083	0	0	0	0	131.3625
526.1958	367.2731	0	621.1304	0	0	0	0	74.24839
1028.577	1124.283	5.365854	1058.166	0	0	0	1115.073	6.428571
753.0043	572.8113	4.292683	926.5671	0	0	0	0	119.9397
984.349	610.9987	3.219512	1123.733	0	0	0	0	116.5129
745.066	634.585	2.146341	759.5917	0	0	0	638.8201	0
865.2745	186.4445	0	912.1428	0	0	0	0	42.68814
1829.861	903.5271	1.087805	1874.956	0	0	0	886.1052	4.285714
1207.755	622.2303	1.073171	1378.399	0	0	0	0	122.2958
865.2745	243.7256	3.219512	901.6478	0	0	0	0	56.38961
1348.377	340.3173	0	1414.614	0	0	0	0	78.45388
1124.97	426.8006	2.146341	1211.175	0	0	0	0	75.58018
1284.87	678.3882	3.219512	1429.783	0	0	0	0	136.7112
1385.8	415.569	0	1506.669	0	0	0	0	74.24839
1518.056	462.9458	1.087805	1545.495	0	0	0	449.9216	3.214286
978.6568	701.1281	0	1006.688	0	0	0	686.9033	2.142857
271.0362	154.996	0	320.2685	0	0	0	0	32.30454
1703.546	628.4433	2.17561	1874.787	0	0	0	0	149.6435
791.5617	213.4003	3.219512	740.0565	0	210.4533	0	0	15.77465

902.4126	373.4877	2.17561	1009.858	0	0	0	0	71.92167
1504.875	486.328	1.073171	1429.501	0	446.2492	0	0	28.16901
913.7923	475.2463	0	1025.607	0	0	0	0	96.92175
1998.183	567.1955	5.365854	1885.007	0	556.4342	0	0	25.91549
1226.735	395.8522	2.17561	1294.221	0	0	0	0	68.49421
931.049	324.5931	2.146341	879.52	0	310.7217	0	0	10.14085
851.2038	405.9163	1.087805	948.117	0	0	0	0	84.37894
687.2298	293.1446	0	639.9576	0	280.9717	0	0	7.887324
1296.211	382.9973	1.073171	1231.553	0	355.8975	0	0	18.02817
1239.253	467.4187	0	1157.322	0	428.6196	0	0	12.39437
786.3393	278.4384	2.17561	749.0541	0	247.9162	0	0	18.02817
876.2392	362.3054	1.087805	822.16	0	333.8605	0	0	20.28169
1268.84	554.6404	5.439024	1441.163	0	0	0	0	124.1229
1441.812	389.1429	4.35122	1294.536	0	439.6381	0	0	19.15493
685.0597	203.5172	1.087805	599.4682	0	233.5922	0	0	6.760563
1343.84	484.0817	1.073171	1477.105	0	0	0	0	88.16205
881.9291	613.9064	0	1064.351	0	0	0	0	120.6428
1413.362	549.0493	3.263415	1597.685	0	0	0	0	109.0425
1215.355	611.67	0	1395.946	0	0	0	0	121.8028
850.0658	280.6749	4.35122	955.3648	0	0	0	0	73.0817
1241.529	801.7685	0	1473.627	0	0	0	0	158.9237
1614.784	587.069	2.17561	1824.932	0	0	0	0	116.0027
853.4797	272.8473	3.263415	928.698	0	0	0	0	82.36192
491.6043	196.8079	3.263415	537.9724	0	0	0	0	29.00068
1711.511	774.931	10.87805	1923.584	0	0	0	0	163.0566
422.188	156.5517	0	470.7258	0	0	0	0	32.48076
1156.902	1371.684	1.131148	937.3492	0	0	0	1506.242	2.344828
584.3178	569.2488	1.131148	505.6753	0	0	0	609.9102	2.344828
513.918	505.2369	0	435.0377	0	0	0	549.2561	4.689655
1207.389	749.2118	1.087805	1256.072	0	0	0	722.3933	0
773.8216	530.0394	3.263415	793.9106	0	0	0	528.9155	2.142857
826.1684	294.0936	0	911.651	0	0	0	0	55.87254
1062.867	597.133	1.087805	1107.357	0	0	0	574.7091	3.214286
776.7437	877.8777	0	696.2845	0	0	0	906.4411	2.344828
1482.779	911.3547	2.17561	1529.479	0	0	0	891.8294	5.357143
1019.624	670.936	3.263415	1219.333	0	0	0	0	112.8853
1060.591	602.7241	0	1092.485	0	0	0	589.592	2.142857
1059.453	502.0837	7.614634	1181.728	0	0	0	0	164.1969
757.9704	642.4053	2.262295	753.8719	0	0	0	626.2268	3.214286
1134.609	960.1787	3.393443	1145.107	0	0	0	917.0159	3.214286
1117.489	648.5714	3.263415	1158.835	0	0	0	621.6475	3.214286
520.958	520.0968	2.262295	451.8562	0	0	0	555.9955	2.344828
772.6837	628.4433	1.087805	941.2796	0	0	0	0	175.5994
1219.907	543.4581	1.087805	1176.609	0	0	0	603.8345	2.25
957.0353	318.6946	1.087805	1041.162	0	0	0	0	62.64146
1165.116	1195.651	2.262295	1142.819	0	0	0	1180.329	2.142857
1243.804	544.5764	2.17561	1239.56	0	0	0	569.5257	3.375

856.5301	488.0908	1.131148	784.0244	0	0	0	537.5042	1.125
1043.521	446.1724	0	1135.927	0	0	0	0	87.9009
1533.541	1415.121	3.393443	1328.659	0	0	0	1530.953	4.689655
975.0363	791.0044	1.131148	955.2095	0	0	0	783.0697	1.071429
867.1354	611.67	1.087805	759.0735	0	0	0	707.6306	1.172414
1071.971	441.6995	0	1024.805	0	0	0	474.0002	1.172414
1449.061	628.6884	2.262295	1379.196	0	0	0	670.1648	2.25
1314.128	863.0178	1.131148	1224.68	0	0	0	918.3317	7.875
458.7716	371.4977	0	430.355	0	0	0	392.2637	0
384.8519	224.0417	0	346.802	0	0	0	253.885	0
871.7833	577.2503	1.131148	755.4104	0	0	0	674.7393	0
895.2499	496.0923	0	879.8636	0	0	0	438.9034	0
1305.255	517.7389	4.35122	1456.974	0	0	0	0	101.5997
1295.355	716.7048	0	1143.417	0	0	0	839.4215	0
1388.048	991.0416	2.262295	1276.186	0	0	0	1075.008	4.5
887.0366	598.9686	1.131148	795.47	0	0	0	669.0212	1.125
760.3171	866.447	0	630.1319	0	0	0	945.7539	1.172414
1555.834	1136.211	2.262295	1416.967	0	0	0	1241.978	2.25
745.0638	385.2146	2.262295	684.4476	0	0	0	420.8544	9
1546.505	613.9064	5.439024	1475.54	0	0	0	666.0714	3.517241
1436.122	629.5616	1.087805	1353.326	0	0	0	690.7823	2.344828
1040.743	523.526	2.262295	904.2033	0	0	0	636.9997	2.25
1051.303	877.8777	2.262295	930.6219	0	0	0	932.2753	1.172414
605.4377	726.9924	0	489.978	0	0	0	807.5975	1.172414
713.5091	233.7094	1.087805	687.3147	0	0	0	253.8484	2.344828
619.5176	366.9254	1.131148	555.0094	0	0	0	397.621	1.172414
1432.708	585.9507	1.087805	1580.711	0	0	0	0	108.4492
669.9708	339.4918	0	639.2933	0	0	0	317.1077	3.1875
1030.183	685.8419	1.131148	951.1303	0	0	0	747.9314	0
231.1458	217.1833	0	264.2877	0	0	0	0	43.05752
849.4901	504.0938	0	748.543	0	0	0	585.5365	0
944.5297	426.3651	1.131148	904.3661	0	0	0	400.4993	2.125
578.4511	205.7526	1.131148	606.4222	0	0	0	0	51.37066
249.2161	147.6059	0	234.3373	0	0	0	160.6209	0
180.4804	494.0771	2.083333	172.7693	0	12.32967	0	491.3627	1
345.9619	1013.559	1.2	344.4311	0	24.65934	0	1029.931	1
265.2181	389.8913	2.083333	254.724	0	8.967033	0	392.661	2
190.9119	434.3824	1.2	170.2606	3.333333	31.77019	0	415.7218	3
162.8725	444.6694	0	144.5069	22.06909	0	0	432.6787	0
310.3382	520.9291	1.041667	275.8769	34.68	0	0	516.6313	1.066667
735.1275	886.1165	2.083333	668.892	97.73455	0	0	841.6784	2.133333
564.5515	799.116	3.125	522.1955	49.39273	0	0	782.4811	2.133333
707.6152	791.5974	1.041667	621.8177	115.6	0	0	750.1917	2.133333
223.6095	638.9829	0	198.102	4.444444	40.99379	0	604.3073	3
465.5074	843.1533	1.041667	387.6374	12.22222	92.23602	0	769.9709	3
568.5167	854.0756	3.6	534.2378	86.17455	0	0	838.4495	2.133333
548.0441	844.2274	0	454.3211	105.0909	0	0	830.9153	0

616.2745	764.7454	1.041667	544.0905	65.15636	0	0	757.7259	1.066667
556.848	1114.896	2.083333	513.4375	89.32727	0	0	1059.094	2.133333
259.7157	493.003	4.166667	229.8974	52.54545	0	0	469.2734	0
585.4608	665.93	1.041667	489.353	116.6509	0	0	642.5601	1.066667
463.3064	872.1535	1.041667	427.4933	0	21.2967	0	887.2422	1
457.8039	818.4495	1.041667	443.3736	32.57818	0	0	794.3206	2.133333
753.8358	1349.045	2.083333	706.5822	0	34.74725	0	1366.804	2
331.4232	745.3151	1.25	336.8804	0	0	0	734.79	2
485.2579	783.7554	1.25	516.4755	0	0	0	749.8296	1
426.4388	618.2485	0	438.3907	0	0	0	608.028	2
299.7514	719.6882	0	326.8409	0	0	0	682.1516	2
277.1287	755.9929	2.5	274.4125	0	0	0	755.2009	2
976.059	1037.971	0	911.9397	0	0	0	1116.604	2
649.9691	811.9001	4	627.9381	0	0	0	790.6321	1
670.9715	771.6855	2	659.4653	0	0	0	761.3408	5
729.5571	1218.394	2	669.4264	0	0	0	1296.702	1
1116.443	1164.05	1	962.2305	0	0	0	1332.721	3
335.8251	917.3346	1	0	0	0	0	989.9556	47.21053
541.8264	1717.384	2	570.6189	0	0	0	1683.531	2.1
224.241	736.1715	2	244.3991	0	0	0	718.5031	2.1
241.4078	653.4438	0	250.7748	0	0	0	638.4353	1.05
48.28156	114.1432	0	54.19285	0	0	0	112.727	1.05
186.6887	445.0539	0	159.3907	0	0	0	447.9509	5.155263
101.9277	386.4115	0	121.137	0	0	0	364.5191	1.05
82.61511	330.9106	0	95.63444	0	0	0	318.1641	1.05
314.3666	432.4876	1	354.9101	0	0	0	384.5361	1.05
178.1053	202.1068	0	181.7054	0	0	0	194.9019	1.05
128.7508	627.2642	1	153.0151	0	0	0	606.8296	3.15
130.8967	328.8163	2	153.0151	0	0	0	308.6824	1.05
129.8237	346.6184	0	139.2012	0	0	0	337.1275	0
145.9176	401.0721	0	167.8916	0	0	0	383.4826	0
177.0324	606.3204	0	200.8323	0	0	0	578.3844	2.1
140.553	309.9669	0	156.2029	0	0	0	293.9331	1.05
174.8865	538.2534	0	189.1437	0	0	0	526.7618	0
289.6894	757.1152	1	314.5311	0	0	0	734.3059	0
234.9703	671.2459	0	0	0	0	0	734.3822	19.5
134.1154	566.5274	0	0	0	0	0	590.4266	4.105263
349.7731	640.8776	1	333.658	0	0	0	619.1569	4.128947
295.054	419.9214	1	301.7798	0	0	0	414.0348	0
283.2518	389.553	0	287.9659	0	0	0	379.2685	1.05
212.2389	829.2185	0	209.1611	0	0	0	831.2034	2.060606
241.6581	791.669	1.1	241.013	0	0	0	786.1886	4.121212
478.0628	940.824	4.4	460.7914	0	0	0	961.0134	3.090909
217.4923	534.0376	0	228.2723	0	0	0	520.2872	3.090909
132.3866	578.8884	1.1	130.593	0	0	0	569.4894	3.090909
321.5104	795.8412	1.1	316.396	0	0	0	797.704	2.060606
411.8695	981.5027	1.1	404.5197	0	0	0	986.138	2.060606

371.9434	881.3706	1.1	360.9887	0	0	0	889.8273	4.121212
160.7552	511.0907	0	152.696	0	0	0	506.5467	1
563.1685	777.0664	2.2	555.7303	0	0	0	760.858	5
491.7218	1086.85	0	494.7668	0	0	0	1081.402	1.030303
436.0353	838.6059	0	444.3774	0	0	0	819.9795	1
181.7689	410.9586	1.1	194.4151	0	0	0	389.1781	0
384.5516	752.0334	0	418.6611	0	0	0	703.4342	1
402.4133	756.2056	3.3	414.5465	0	0	0	728.4082	2
447.5929	840.692	0	460.7914	0	0	0	830.1565	3.090909
489.6204	944.9962	2.2	502.199	0	0	0	929.6078	3.090909
501.1779	953.3405	0	507.5076	0	0	0	937.9826	3.090909
272.1281	492.3159	0	285.6557	0	0	0	469.1785	3
420.275	591.4049	1.1	440.4292	0	0	0	557.4089	1
655.629	1141.088	2.2	656.4888	0	0	0	1120.008	3
15.26255	53.05535	0	15.16508	0	0	0	53.11874	0
63.23055	253.6046	0	79.07503	0	0	0	252.8452	1
276.9062	841.4578	0	320.633	0	0	0	823.3404	0
354.3091	1175.706	2	365.045	0	0	0	1185.61	0
57.77964	196.3048	0	58.49386	0	0	0	200.7888	0
23.984	148.555	1	29.24693	0	0	0	144.483	0
148.2647	323.6376	0	148.4011	0	0	0	327.2114	1
304.1607	823.419	2	320.633	0	0	0	824.4028	1
255.1025	421.2595	0	251.307	0	0	0	429.1994	2
275.0257	663.6159	0	260.371	0	0	0	677.9443	0
235.584	540.1038	0	221.9556	0	0	0	556.5839	0
169.4926	407.1713	1	167.5338	0	0	0	405.9296	1.125
425.3305	699.2042	2	400.1604	0	0	0	719.7927	1.125
496.7519	972.3962	1	512.2053	0	0	0	951.0051	1.125
359.239	735.8391	0	350.007	0	0	0	739.6707	0
454.1122	951.4619	0	423.6365	0	0	0	979.2528	1.125
458.3762	841.5571	0	472.7228	0	0	0	828.5985	3.375
430.6604	723.2785	0	423.6365	0	0	0	722.9313	0
434.9244	1192.206	0	405.4959	0	0	0	1223.02	1.125
363.503	743.1661	1	354.2753	0	0	0	753.2714	0
276.4384	402.9052	3	274.8959	0	0	0	391.7001	2
408.6952	703.7553	1	403.8199	0	0	0	686.7878	1
177.7878	162.6504	0	174.74	0	0	0	156.47	0
653.6955	830.2612	0	627.5724	0	0	0	821.205	4
395.6863	631.4662	2	421.6012	0	0	0	615.5211	3.428571
151.7701	293.4086	0	145.9718	0	0	0	289.8371	0
410.8633	588.9433	0	433.6783	0	0	0	576.9841	0
461.8147	1210.842	1	466.6159	0	0	0	1210.703	2.285714
538.7838	1153.436	1	535.7849	0	0	0	1164.673	2.285714
315.465	730.3322	0	306.3196	0	0	0	746.1186	0
59.04324	156.5186	0	0	0	0	0	172.4902	9.556701
25.76432	105.7558	0	0	0	0	0	106.8804	1.061856
61.19027	154.4035	0	0	0	0	0	160.8498	3.185567

54.74919	98.35292	0	0	0	0	0	108.9969	4.247423
25.76432	127.9646	0	0	0	0	0	124.8702	2.123711
31.13189	123.7343	0	0	0	0	0	130.1613	1.061856
9.661622	89.89246	0	0	0	0	0	84.65777	1.061856
39.72	123.7343	0	0	0	0	0	126.9867	4.247423
81.58703	241.1233	0	0	0	0	0	261.3809	5.309278
207.1881	638.7652	0	0	0	0	0	705.8341	15.92784
83.73405	379.6634	0	0	0	0	0	420.1142	13.80412
95.5427	478.0164	1	0	0	0	0	483.6075	12.74227
69.77838	169.2093	0	0	0	0	0	203.1786	3.185567
92.32216	433.5989	0	0	0	0	0	457.1519	19.1134
55.8227	170.2669	1	0	0	0	0	178.8395	6.371134
205.8976	428.5677	1	192.387	0	0	0	448.2578	0
261.1648	522.4855	1	244.5597	0	0	0	548.7108	0
507.1582	994.2338	1	473.9024	0	0	0	1036.934	2
480.0664	993.1543	0	421.7297	0	0	0	1059.617	1
682.713	1161.559	0	605.4212	0	0	0	1246.481	0
184	102.0831	0	239.1011	0	0	0	0	12
48	75.06107	0	90.03807	0	0	0	0	5
152	37.03013	1	171.0723	0	0	0	0	3
262	104.0847	0	322.1362	0	0	0	0	8
179	268.2182	0	322.1362	0	0	0	0	12
486	269.2191	1	637.2695	0	0	0	0	27
63	143.1164	0	162.0685	0	0	0	0	4
207	136.1107	0	300.1269	0	0	0	0	7
57	94.07655	0	121.0512	0	0	0	0	5
219.1408	277.1521	0	196.1326	0	0	0	291.8578	0
92.26979	170.0706	0	90.2	0	0	0	174.2748	0
219.1408	288.7001	0	200.3279	0	0	0	295.0073	2.148148
98.56092	283.451	0	93.34651	0	0	0	282.4092	0
115.3372	239.3586	0	118.5186	0	0	0	228.8669	0
244.3053	289.7499	0	225.5	0	0	0	314.9545	0
147.8414	67.18839	0	139.4953	0	0	0	76.63892	0
125.8224	275.0525	0	122.714	0	0	0	267.7113	2.148148
386.904	281.3514	0	336.6767	0	0	0	314.9545	2.148148
307.2165	356.9383	0	251.7209	0	0	0	406.2913	3.222222
170.9088	487.1158	0	149.9837	0	0	0	499.7278	0
252.6934	616.2435	0	229.6953	0	0	0	627.8092	3.222222
80.73607	353.7888	0	77.61395	0	0	0	352.749	1.074074
162.5207	350.6394	1	155.2279	0	0	0	347.4998	1.074074
332.381	446.1729	0	311.5047	0	0	0	453.5344	3.222222
74.44495	157.4728	0	75.51628	0	0	0	157.4772	0
183.4911	487.1158	0	156.2767	0	0	0	509.1764	1.074074
65.00826	402.0805	3	68.17442	0	0	0	395.7928	4.296296
71.29939	251.9565	0	67.12558	0	0	0	255.1131	1.074074
582.9773	282.4012	2	542.2488	0	0	0	319.1539	4.296296
598.5073	490.2727	1.09434	618.8455	0	0	0	467.9617	3.18

538.1269	688.2675	1.09434	544.2858	0	0	0	674.1999	4.24
603.8039	363.5142	0	596.4776	0	0	0	361.1785	1.06
272.2414	480.8444	2.188679	269.4801	0	0	0	483.6651	1.06
418.4255	614.9361	1.09434	430.316	0	0	0	605.1049	3.18
372.8754	1108.352	3.283019	358.9517	0	0	0	1113.895	2.12
307.1985	512.2721	0	290.7828	0	0	0	525.5409	0
373.9347	859.0248	1.09434	378.1242	0	0	0	855.3126	0
447.0267	546.8426	2.188679	443.0976	0	0	0	553.807	1.06
328.3846	720.7428	4.377358	335.5186	0	0	0	712.935	4.24
91.10023	208.4707	0	85.21109	0	0	0	210.4257	2.12
118.6422	313.2298	1.09434	120.3607	0	0	0	308.8338	0
432.1964	1044.448	0	381.481	0	0	0	1079.463	0
423.722	922.9279	3.283019	372.0228	0	0	0	963.0191	9.209302
1128.16	1786.143	4.377358	1161.001	0	0	0	1739.938	10.6
528.5932	903.0237	3.283019	533.6344	0	0	0	894.0477	4.24
288.131	1220.444	2.188679	262.728	0	0	0	1230.524	6.139535
507.4071	1213.111	3.283019	479.2158	0	0	0	1237.868	5.116279
305.0798	1353.488	0	279.5426	0	0	0	1373.194	1.023256
313.5543	578.2704	2.188679	281.6444	0	0	0	614.7377	0
85.80371	195.8996	0	83.02204	0	0	0	195.1215	1.023256
478.8059	980.5454	1.09434	434.0266	0	0	0	1008.128	2.046512
391.9429	706.0765	2.188679	375.1755	0	0	0	714.3965	3.069767
199.1493	762.6464	1.09434	187.0623	0	0	0	767.8975	1.023256
166.3109	576.1752	1.09434	147.1277	0	0	0	585.3645	2.046512
343.2148	811.8832	0	314.2226	0	0	0	830.84	2.046512
358.0451	894.6429	1.09434	336.2918	0	0	0	903.2238	2.046512
610.1597	1463.485	4.377358	552.7796	0	0	0	1517.961	6.139535
448.086	1049.686	2.188679	411.9574	0	0	0	1078.413	2.046512
378.1719	515.4149	0	374.1246	0	0	0	512.9807	1.023256
292.3682	727.0283	1.09434	259.5752	0	0	0	745.8677	0
401.4766	958.546	1.09434	399.427	0	0	0	948.4862	3.18
471.3907	758.4561	0	452.6839	0	0	0	770.5141	1.06
429.0185	942.8321	1.09434	426.0554	0	0	0	944.2986	4.24
529.6525	925.0231	3.283019	531.5041	0	0	0	917.0793	4.24
255.2925	529.0336	2.188679	249.2424	0	0	0	530.7754	3.18
1093.882	946.911	5.754717	1124.114	0	0	0	922.4396	3.125
1166.17	388.9668	4.603774	1173.127	0	0	0	382.2145	4.166667
1117.269	1221.101	2.301887	1161.407	0	0	0	1170.132	4.166667
836.6233	216.8012	2.301887	843.938	0	0	0	198.221	2
981.1986	669.533	5.754717	1017.861	0	0	0	634.6007	4.041667
907.8479	623.8347	4.603774	914.2083	0	0	0	619.2303	6.25
1160.855	1167.963	5.754717	1146.402	0	0	0	1183.997	3
235.9979	392.155	1.150943	249.3295	0	0	0	382.2145	1.041667
310.4117	222.1149	0	323.6153	0	0	0	213.1408	0
1222.512	869.3302	2.301887	1247.713	0	0	0	834.8932	6.25
720.7504	720.545	2.301887	727.6057	0	0	0	712.9561	1
350.8077	348.5823	0	364.4047	0	0	0	335.2385	1.041667

339.1141	342.2058	0	320.6419	0	0	0	365.7043	0
1073.684	1229.603	3.45283	1033.242	0	0	0	1258.597	7
727.1288	522.8734	2.301887	705.3968	0	0	0	538.1806	2
1100.351	44.04487	2.285714	1018.817	0	98.21405	0	0	9.568175
1377.718	102.0241	2.301887	1337.071	0	103.4382	0	0	6.282353
903.5957	381.5275	0	896.4965	0	159.859	0	190.0396	5.235294
204.1063	142.4086	0	212.0367	0	0	0	134.5224	1.041667
206.2324	341.143	0	215.2332	0	0	0	318.1562	0
1390.414	40.89881	0	1391.678	0	0	0	0	10.75988
1258.656	388.9668	2.301887	1252.128	0	297.7767	0	0	12.56471
1141.338	44.04487	0	1018.272	0	148.3659	0	0	2.094118
825.0002	125.8425	2.285714	805.3889	0	128.5141	0	0	4.188235
735.6332	156.2244	1.150943	719.3968	0	140.0073	0	0	4.188235
502.3568	32.50931	2.285714	496.0273	0	34.4794	0	0	2.094118
355.06	134.9694	0	348.1629	0	111.7968	0	0	4.188235
753.7051	146.6596	0	723.5916	0	144.1866	0	0	1.047059
584.6796	274.1897	0	580.9706	0	243.4455	0	0	6.282353
1557.516	51.38569	0	1506.958	0	81.49677	0	0	4.188235
322.1053	281.629	0	322.485	0	15.67246	0	259.4361	1.047059
266.8265	170.0401	1.150943	262.1157	0	0	0	175.0927	1.041667
38.26994	48.88654	0	43.68594	0	0	0	43.77317	0
186.0344	32.94528	0	177.2275	0	26.12076	0	0	3.141176
1660.51	106.9661	0	1655	0	0	0	0	23
127.5665	73.32981	0	128.9268	0	0	0	70.46413	2.083333
1063.054	208.2992	2.301887	1050.781	0	169.2625	0	0	4.188235
1050.297	689.7253	0	1062.316	0	550.6256	0	0	13.61176
321.5924	4.19475	1.142857	300.9721	0	20.89661	0	0	0
577.2382	583.4502	0	593.988	0	0	0	568.533	1.111111
685.6697	885.2714	1.150943	635.5974	0	0	0	934.6225	2
903.5957	737.5491	4.603774	905.6842	0	0	0	745.2116	5.208333
425.2215	513.3086	2.301887	429.372	0	0	0	504.0781	0
845.1277	1074.441	6.90566	850.5564	0	0	0	1069.559	3.333333
785.5967	681.2233	3.45283	806.5917	0	0	0	659.8005	6.25
411.4018	472.9241	0	403.9904	0	0	0	477.4355	1
772.8401	961.7895	2.301887	751.3787	0	0	0	987.2855	0
846.1908	816.1926	1.150943	837.6202	0	0	0	823.7927	3.333333
798.3534	1080.818	2.301887	777.2511	0	0	0	1101.203	2.222222
1141.72	978.7935	4.603774	1129.763	0	0	0	991.5047	7.777778
600.6254	421.9121	1.150943	599.6401	0	0	0	417.756	3
1142.783	1124.39	4.603774	1159.276	0	0	0	1108.209	5.208333
794.1012	793.8749	2.301887	787.887	0	0	0	792.8839	4
1068.369	388.9668	1.150943	1064.969	0	0	0	383.6535	4
909.974	766.2433	1.150943	885.1831	0	0	0	782.2268	2
752.6421	475.0496	0	757.2175	0	0	0	461.4499	4
527.2747	790.6866	2.301887	519.145	0	0	0	795.3789	5.125
554.9141	538.8147	3.45283	549.6655	0	0	0	548.4163	1
847.2538	1209.41	2.301887	868.3913	0	0	0	1186.146	2.083333

790.912	716.294	1.150943	810.8538	0	0	0	686.4915	3.125
512.3919	644.027	2.301887	506.1177	0	0	0	648.0565	2.083333
719.6874	632.3367	3.45283	730.9404	0	0	0	617.095	4.166667
764.3357	830.0084	0	775.6919	0	0	0	814.6081	2.083333
355.06	716.294	0	358.0116	0	0	0	706.7766	2.083333
675.0391	562.1952	0	655.6912	0	0	0	578.6773	0
890.839	801.3141	3.45283	871.4347	0	0	0	811.0008	2
885.5238	940.5345	2.301887	903.5532	0	0	0	916.0337	4.166667
638.8953	663.1565	4.603774	595.1714	0	0	0	699.8824	4
474.122	349.645	2.301887	471.6746	0	0	0	348.4853	1
346.5555	363.4608	1.150943	316.2123	0	0	0	388.982	1
875.9563	1489.977	1.150943	777.3113	0	0	0	1575.111	3
587.8687	441.0416	1.150943	560.4587	0	0	0	462.2874	4.166667
727.1288	764.1178	0	738.4425	0	0	0	753.1216	2.222222
281.6561	829.5118	2.285714	340.8221	0	634.212	0	0	29.31765
544.3951	98.57662	0	534.8286	0	95.07956	0	0	1.047059
532.8345	658.5757	1.142857	534.8286	0	531.8187	0	0	16.75294
589.5862	256.9284	1.142857	414.23	0	400.17	0	0	6.282353
757.7391	672.2087	0	868.7139	0	0	0	219.4724	82.85106
851.2741	263.2206	1.142857	956.9763	0	0	0	0	44.1155
76.71977	348.1642	0	93.33283	0	270.6111	0	0	11.51765
810.2869	164.6439	1.142857	765.5389	0	189.1143	0	0	19.89412
709.3951	249.5876	1.142857	703.6666	0	223.5937	0	0	5.235294
869.1404	298.8759	0	964.362	0	0	0	0	66.71125
1821.306	243.2955	1.142857	1893.906	0	0	0	0	48.41945
332.102	205.5427	0	341.8708	0	168.2177	0	0	1.047059
1294.777	145.7676	0	1222.765	0	187.0246	0	0	8.376471
2467.644	244.3442	2.285714	2571.28	0	0	0	0	47.34347
345.7644	643.8941	1.142857	354.8682	0	0	0	619.0779	4.8
772.4524	357.6024	1.142857	891.5601	0	0	0	0	48.41945
278.5033	345.0182	1.142857	282.8353	0	0	0	332.3144	1.2
543.3441	675.3547	1.142857	556.1367	0	0	0	650.1353	0
146.0659	156.5776	0	159.486	0	0	0	137.4524	0
95.98614	445.7241	0	104.2793	0	0	0	426.8258	2
197.1889	789.1509	2	215.7151	0	0	0	746.17	0
127.286	226.5155	0	0	0	0	0	256.8573	5.137931
246.2253	412.3209	0	244.3408	0	0	0	394.788	0
474.714	172.2353	0	0	0	0	0	273.5484	37.05118
202.4055	553.2407	0	211.6257	0	0	0	521.9056	0
249.0774	216.0225	0	0	0	0	0	284.2274	12.33103
356.5631	434.1526	0	0	0	0	0	570.4332	0
513.6673	511.0777	2	0	0	0	0	701.7484	26.05263
197.4016	249.7431	0	0	0	0	0	320.019	0
103.2894	369.5231	0	0	0	0	0	391.6022	6.165517
124.156	318.3744	10	0	0	0	0	353.7052	13.35862
230.5754	615.8718	0	0	0	0	0	695.8308	25.68966
193.2675	291.8938	0	0	0	0	0	354.7579	18.49655

159.6291	199.3754	0	162.5531	0	0	0	180.8584	0
127.286	425.891	0	0	0	0	0	363.1794	15.41379
132.5026	693.1167	0	0	0	0	0	707.4104	13.35862
78.24957	229.6471	0	0	0	0	0	237.9089	0
115.7505	239.4285	0	0	0	0	0	269.4897	6.165517
195.1023	507.3113	1	0	0	0	0	564.1301	21.88421
116.8527	165.9722	0	0	0	0	0	211.1548	7.294737
180.8653	549.0133	0	0	0	0	0	594.5952	18.75789
141.8925	471.8204	0	0	0	0	0	507.4019	20.84211
123	238	0	124	0	0	17	220	0
23	60	0	27	0	0	3	54	0
64	121	0	63	0	0	2	119	0
38	81	0	43	0	0	0	76	0
49	167	1	56	0	0	6	156	0
15	55	0	16	0	0	0	56	0
608.8104	1175.024	1	593.1558	0	0	0	1189.532	1.3
537.5555	881.5311	0	527.0163	0	0	0	893.9894	0
653.8686	1123.479	1	646.6973	0	0	0	1130.634	2.6
718.8364	955.1674	1	700.2388	0	0	0	972.8709	2.6
706.262	595.4017	0	694.9896	0	0	0	601.6023	1.3
799.5221	450.2331	1	778.9763	0	0	0	468.0298	1.3
140.4141	373.441	0	134.3787	0	0	0	376.5273	0
304.9291	695.3366	0	310.7506	0	0	0	677.3285	1.3
406.5722	545.9602	0	398.9366	0	0	0	549.0147	1.3
141.462	434.4539	0	140.6777	0	0	0	432.2702	0
165.5629	129.3894	0	172.2064	0	0	0	83.08843	8
152.9885	230.3763	0	162.6241	0	0	0	187.2119	5
211.669	509.1421	1	195.269	0	0	0	515.3586	0
99.54731	305.0645	1	107.083	0	0	0	295.5424	1.3
1020.064	1185.152	2.086957	1052.081	0	0	0	1116.705	7
704.9774	689.3801	0	659.7084	0	0	0	686.9637	4.125
1126.604	1786.121	5.217391	1028.174	0	0	0	1791.323	4.125
316.1979	253.5033	0	350.3255	0	0	0	281.4098	1
363.2274	221.4397	0	406.687	0	0	0	235.6248	1
1135.671	731.9068	2.086957	1067.889	0	0	0	729.3554	6.1875
827.385	905.3709	2.086957	778.8531	0	0	0	892.4006	2.0625
1066.533	1442.55	1.043478	973.0148	0	0	0	1446.754	2.0625
1088.068	1428.002	0	979.6339	0	0	0	1441.319	0
345.6883	268.5896	0	333.1638	0	0	0	260.8723	0
277.684	565.1574	2.086957	250.4244	0	0	0	561.9624	2.0625
1069.934	761.004	0	1025.968	0	0	0	744.573	1.03125
870.4544	1181.794	2.086957	840.6318	0	0	0	1148.925	4.125
1374.819	1579.083	4.173913	1232.265	0	0	0	1626.104	5.15625
825.1182	1163.888	3.130435	751.2733	0	0	0	1180.447	2.0625
556.3483	225.4476	0	571.351	0	0	0	289.2267	0
795.498	1301.584	1	985.7738	0	0	0	1333.346	4
200.1253	82.16313	0	212.1845	0	0	0	98.27007	0

963.6032	937.8621	1	1141.597	0	0	0	970.417	2
260.4633	186.7677	0	259.6085	0	0	0	187.9827	0
188.7568	333.2105	0	193.1234	0	0	0	326.0491	2
198.2474	303.4975	0	185.7362	0	0	0	318.6147	0
245.7002	288.6409	2	240.6128	0	0	0	294.1876	0
112.8323	344.8835	0	112.9191	0	0	0	345.1659	0
461.6636	874.8233	2	471.1063	0	0	0	865.705	0
239.8945	388.331	0	225.4504	0	0	0	402.6284	0
611.9975	1248.053	1	595.5294	0	0	0	1255.38	2
674.9032	907.1843	0	666.7803	0	0	0	912.1206	1
588.5412	1118.609	5	572.1336	0	0	0	1130.166	5
388.6549	780.0496	3	339.5974	0	0	0	829.9303	4
141.329	296.0241	0	139.4026	0	0	0	292.0697	2
326.3038	446.6329	0	304.7384	0	0	0	464.3309	1.111111
281.6189	825.7516	3	273.5365	0	0	0	831.8394	2.222222
332.5389	845.4865	0	314.099	0	0	0	855.7847	3.333333
465.5545	807.0553	1	431.6261	0	0	0	837.0449	3.333333
365.665	623.4858	0	372.2394	0	0	0	606.2784	3.2
405.3154	355.0253	2.666667	415.3176	0	0	0	340.8268	1.6
234.5983	535.8252	0	244.1095	0	0	0	522.1641	0
126.6611	254.2156	0	129.2345	0	0	0	247.9733	0
459.284	292.5671	0	455.082	0	0	0	293.8538	0
374.4762	753.8809	1.333333	391.0171	0	0	0	731.9036	3.2
85.99109	242.3395	0	71.2381	0	0	0	264.0031	0
72.19005	263.3213	0	72.28571	0	0	0	266.1067	0
132.7023	518.2498	0	137.2381	0	0	0	520.6435	1
39.27988	86.02527	0	40.85714	0	0	0	88.35162	0
88.11433	442.7154	1	105.8095	0	0	0	452.2762	1
198.5226	624.2077	2	201.1429	0	0	0	648.9637	1
187.9065	668.2695	2	212.6667	0	0	0	654.2227	4
105.1002	432.2245	0	107.9048	0	0	0	448.0689	1
79.62138	224.505	0	89.04762	0	0	0	228.2417	0
37.15664	155.2651	0	47.14286	0	0	0	150.4081	0
44.58797	236.0449	1	46.09524	0	0	0	244.0188	2
101.9154	378.721	1	103.7143	0	0	0	382.857	0
94.48404	155.2651	0	93.2381	0	0	0	164.0816	0
109.3467	475.2372	0	118.381	0	0	0	472.2605	0
12.73942	73.43621	0	15.71429	0	0	0	74.67816	0
40.3415	89.17254	1	33.52381	0	0	0	97.81787	0
754.5164	561.5705	3.608108	678.2302	0	0	0	661.3058	3.6
733.7999	490.6927	0	734.9841	0	0	0	493.4374	2.326531
602.9589	332.5806	1.202703	589.273	0	0	0	346.7705	1.163265
671.6504	387.102	1.202703	633.8094	0	0	0	431.0901	2.4
409.9684	134.1227	1.202703	377.1347	0	0	0	170.5429	1.163265
875.5443	387.102	2.405405	865.4175	0	0	0	389.2392	2.266667
1396.728	793.8318	1.202703	1420.684	0	0	0	758.3473	5.816327
819.9369	499.4161	0	763.912	0	0	0	560.5176	5.816327

556.0742	368.5647	0	579.6303	0	0	0	337.6749	0
870.0926	594.2834	2.405405	846.4102	0	0	0	618.5022	3.489796
512.4605	381.6499	0	466.9604	0	0	0	435.6041	0
553.8935	330.3998	0	530.3457	0	0	0	361.5509	0
780.6846	334.7615	0	678.1996	0	0	0	442.2745	2.326531
544.0804	453.6182	0	579.2784	0	0	0	410.8078	0
586.6038	443.8043	1.202703	577.3074	0	0	0	451.3866	1.133333
885.3574	493.964	1.202703	907.0281	0	0	0	462.6994	0
1029.282	585.56	3.608108	1034.978	0	0	0	582.1197	6.979592
310.7473	220.2665	1.202703	328.9214	0	0	0	198.9667	1.163265
1023.831	811.2786	1.202703	1058.381	0	0	0	762.1567	0
978.0364	526.6768	0	978.8935	0	0	0	513.5098	0
816.6658	584.4695	2.405405	836.2516	0	0	0	558.9149	3
1006.385	626.9962	0	1031.159	0	0	0	590.266	0
580.0617	272.6071	0	572.9586	0	0	0	269.3056	2.266667
735.9806	411.0915	0	736.0397	0	0	0	408.8647	2.266667
817.7562	943.2204	3.608108	860.1146	0	0	0	891.9116	1.107143
636.7595	858.167	3.608108	683.0322	0	0	0	804.8696	2.214286
586.6038	792.7413	2.405405	606.0398	0	0	0	759.7368	5.535714
279.1274	410.001	0	281.7798	0	0	0	411.915	0
388.1616	323.8572	0	381.1673	0	0	0	330.4131	0
360.9031	366.3839	1.202703	348.4022	0	0	0	388.7861	0
272.5854	287.8731	0	265.3973	0	0	0	292.9663	0
684.7345	915.9597	1.202703	721.5284	0	0	0	868.2706	4.428571
534.2674	823.2733	2.405405	558.7445	0	0	0	787.6762	0
915.8869	445.9852	0	899.9479	0	0	0	464.7811	1.1
1186.292	676.0655	0	1144.261	0	0	0	708.3214	4.653061
822.1175	467.7937	0	747.8409	0	0	0	543.4633	4.653061
199.5325	305.3199	0	226.5775	0	0	0	272.9464	0
853.7375	463.432	0	846.4316	0	0	0	471.3894	1.1
562.6163	719.6826	0	561.3753	0	0	0	726.9089	1.1
826.4789	569.2035	0	820.6965	0	0	0	575.298	5.816327
942.0551	338.0328	1.202703	884.9808	0	0	0	401.3442	3.489796
573.5197	250.7985	0	562.4674	0	0	0	264.3305	2.2
782.8653	935.5874	1.202703	820.5186	0	0	0	896.21	0
629.1271	855.9862	0	673.1332	0	0	0	807.0188	0
791.588	894.1512	0	817.2189	0	0	0	860.7484	4.428571
491.7441	410.001	0	477.2782	0	0	0	431.7398	0
637.8498	447.0756	1.202703	642.1958	0	0	0	448.2605	0
618.2237	962.8481	0	661.0344	0	0	0	903.7321	2.214286
527.7253	742.5816	1.202703	584.042	0	0	0	678.0677	2.214286
38.16196	42.5267	0	40.69596	0	0	0	38.68532	0
473.2082	314.0433	0	468.5408	0	0	0	321.6021	0
911.5256	1092.609	2.405405	970.1037	0	0	0	1024.086	5.535714
635.6691	764.3902	0	625.8133	0	0	0	780.8764	2.2
80.68528	105.7715	0	74.79258	0	0	0	110.683	1.107143
610.5913	817.8212	1.202703	585.403	0	0	0	854.6686	0

878.8153	636.8101	3.608108	849.7081	0	0	0	687.2593	1.1
910.4352	440.533	0	930.5287	0	0	0	432.8412	1.1
455.7628	350.0275	0	430.3149	0	0	0	374.4682	1.1
923.5193	665.1612	4.810811	890.1184	0	0	0	704.8814	6.6
838.4727	774.2041	3.608108	826.7725	0	0	0	798.4984	2.2
504.8281	282.4209	0	493.6607	0	0	0	299.5746	0
467.7565	363.1126	0	467.4536	0	0	0	358.9138	1.107143
838.4727	621.5441	0	839.2167	0	0	0	613.5922	1.107143
984.5784	488.5119	1.202703	990.598	0	0	0	490.1128	2.2
452.4918	477.6076	0	470.7533	0	0	0	458.8509	0
828.6596	611.7302	1.202703	807.7955	0	0	0	630.1968	0
915.8869	575.7461	1.202703	867.5919	0	0	0	617.1131	1.133333
467.7565	115.5854	0	446.776	0	0	0	131.8865	0
417.6008	141.7557	1.202703	413.5625	0	0	0	139.8452	1.163265
1029.282	726.2252	1.202703	1003.493	0	0	0	742.4983	3.4
1097.974	637.9005	1.202703	1077.423	0	0	0	658.5448	1.133333
1082.709	575.7461	2.405405	1062.202	0	0	0	587.6749	3.4
828.6596	574.6557	0	829.5396	0	0	0	574.5912	2.266667
361.9934	297.6869	0	352.2554	0	0	0	309.6469	0
455.7628	437.2617	0	419.6622	0	0	0	460.1091	0
807.9431	319.4955	3.608108	788.2257	0	0	0	337.9948	5.666667
874.4539	368.5647	1.202703	857.807	0	0	0	377.2458	1.133333
211.5263	135.2131	0	202.4956	0	0	0	146.6669	0
788.317	437.2617	0	777.6309	0	0	0	417.7481	3
707.6317	399.0967	2.405405	713.556	0	0	0	394.5225	4.653061
994.3915	330.3998	0	989.9786	0	0	0	327.4423	1.163265
911.5256	592.1025	1.202703	901.3691	0	0	0	565.2519	3
723.9868	259.5219	0	725.3414	0	0	0	258.0882	0
758.8777	471.065	2.405405	772.0083	0	0	0	448.6454	1
887.538	388.1925	0	883.9094	0	0	0	391.1117	1.163265
612.772	344.5753	1.202703	632.1292	0	0	0	326.3054	0
1045.638	746.9434	1.202703	967.615	0	0	0	818.8197	2.266667
910.4352	568.1131	0	896.9465	0	0	0	574.5912	0
646.5726	341.304	0	620.7957	0	0	0	363.0719	1.133333
763.2391	801.4648	0	663.1968	0	0	0	901.683	1.133333
935.5131	674.9751	2.405405	877.3768	0	0	0	728.3243	2.266667
998.7529	813.4595	1.202703	944.7837	0	0	0	852.6192	1.133333
730.5289	488.5119	1.202703	727.3421	0	0	0	492.8183	0
661.8373	503.7779	1.202703	628.4062	0	0	0	537.5208	0
771.9618	516.863	1.202703	720.8188	0	0	0	569.1397	0
575.7004	401.2776	0	558.0988	0	0	0	420.7261	0
610.413	835.3645	0	636.1522	0	0	0	807.9484	0
275.2843	416.614	1	296.871	0	0	0	395.4245	1.142857
254.6108	490.3227	1	266.4227	0	0	0	477.7155	4.571429
282.9009	432.6376	0	295.7836	0	0	0	416.7988	1.142857
748.5992	629.194	1	755.7705	0	0	0	618.7858	2.285714
152.3312	199.7611	1	163.1159	0	0	0	188.0938	0

391.7089	844.9787	2	395.828	0	0	0	844.2847	1.142857
179.5332	221.1259	0	183.7773	0	0	0	221.224	0
201.2949	213.6482	0	204.4386	0	0	0	210.5368	0
177.3571	408.0681	1	197.914	0	0	0	394.3557	0
129.4816	395.2492	1	135.93	0	0	0	384.7373	0
150.1551	530.9158	0	164.2034	0	0	0	517.2579	2.285714
242.6419	620.6481	1	251.1986	0	0	0	607.03	2.285714
300.3102	660.173	0	308.8329	0	0	0	650.8473	0
239.3777	474.299	1	245.7614	0	0	0	465.9596	1.142857
99.90652	303.5786	0	0	0	0	0	362.1607	18.33333
144.8083	301.4849	0	62.32328	0	0	0	265.5137	14.13333
56.12726	238.6756	1	154.1681	0	0	0	43.54425	14.15556
104.3967	174.8194	0	15.30747	0	0	0	212.411	4.888889
38.16654	171.6789	0	0	0	0	0	187.9837	4.888889
98.78397	254.3779	0	0	0	0	0	302.6857	6.111111
141.4407	128.7592	0	0	0	0	0	194.3561	6.111111
226.7541	106.7759	0	53.57615	0	0	0	155.06	25
322.1705	207.2709	0	429.7026	0	0	0	0	23.95556
95.41634	124.5719	1	0	0	0	0	175.2391	3.666667
101.0291	179.0067	0	45.92241	0	0	0	189.0458	4.755556
266.1181	302.9027	1	274.8378	0	0	0	297.4039	0
324.7726	478.2675	1	345.1703	0	0	0	455.1666	0
109.7058	300.7771	0	119.0242	0	0	0	283.5464	2
13.03435	41.44985	0	14.0665	0	0	0	41.57259	0
344.3242	545.2249	1	328.9397	0	0	0	557.4991	3
196.6015	318.845	1	191.5208	0	0	0	320.8552	1
223.7564	680.2026	0	219.6538	0	0	0	687.5468	0
179.2224	299.7143	0	168.798	0	0	0	309.1295	0
81.46471	179.616	1	78.98881	0	0	0	182.2798	0
282.8464	613.4471	0	272.8193	0	0	0	623.4274	0
491.7536	942.4467	0	488.5097	0	0	0	943.7204	0
516.4	1068.106	3	496.671	0	0	0	1087.852	2
148.0556	165.7359	0	0	0	0	0	209.3519	0
34.33174	95.61689	0	0	0	0	0	110.5208	0
246.7593	265.6025	0	0	0	0	0	356.0046	0
149.1285	163.6111	0	0	0	0	0	210.4146	0
75.10067	54.1829	0	0	0	0	0	77.57711	0
169.5129	52.05808	0	0	0	0	0	116.897	0
159.8571	481.2717	0	0	0	0	0	535.6009	0
166.2943	214.6068	0	0	0	0	0	284.8036	0
493.5187	259.228	0	0	0	0	0	439.9579	0
83.6836	52.05808	0	0	0	0	0	79.70251	0
365.8476	545.0163	0	0	0	0	0	681.1908	0
141.6184	258.1656	0	0	0	0	0	301.8068	0
36.47747	174.2352	0	0	0	0	0	192.3487	0
55.78907	126.4268	0	0	0	0	0	149.8407	0
82.61074	128.5516	0	0	0	0	0	145.5899	0

145.9099	264.5401	0	0	0	0	0	309.2457	0
141.6184	233.7302	0	0	0	0	0	283.7409	0
53.64334	92.42966	0	0	0	0	0	110.5208	0
149.1285	364.4066	0	0	0	0	0	411.265	0
148.0556	218.8564	0	0	0	0	0	272.0512	0
18.23873	105.1786	0	0	0	0	0	107.3327	0
46.13327	196.5458	0	0	0	0	0	208.2892	0
245.6865	645.9452	0	0	0	0	0	710.9464	0
116.4099	218.7728	0	114.0582	0	0	0	224.5161	0
192.566	373.5146	0	174.8893	0	0	0	398.7834	1
268.722	722.4839	0	267.2221	0	0	0	719.5207	1
306.8	416.2019	0	312.8454	0	0	0	419.0968	1
307.8879	399.127	2	315.018	0	0	0	392.3687	3
341.6142	617.8998	0	326.9669	0	0	0	629.7143	0
875.0177	704.8492	2.210526	871.5683	0	0	0	694.0783	1.125
960.4895	315.3548	1.105263	991.3377	0	0	0	302.0674	0
1443.405	701.7166	0	1490.201	0	0	0	677.2155	4
77.99303	92.93568	1.105263	87.07603	0	0	0	88.97899	0
747.8783	825.9789	1.105263	768.4477	0	0	0	777.4235	4.5
410.2647	608.7809	1.105263	384.7657	0	0	0	617.4626	5
867.5389	1011.85	1.105263	813.8862	0	0	0	1053.178	3
295.9461	756.0161	1.105263	295.5581	0	0	0	733.6325	1.125
410.2647	836.4211	0	373.0312	0	0	0	872.7823	0
122.8657	315.3548	0	127.5405	0	0	0	304.0931	0
410.2647	723.6452	1.105263	413.6968	0	0	0	709.2524	3.25
321.5877	534.6412	0	291.4306	0	0	0	565.1709	0
315.1773	888.6322	0	304.1476	0	0	0	897.8083	0
239.3211	616.0905	0	235.264	0	0	0	620.4538	2
145.3021	405.1578	0	148.3647	0	0	0	395.2025	0
497.8733	795.6965	0	474.767	0	0	0	814.3883	1
724.3736	608.7809	1.105263	720.6593	0	0	0	593.3251	2
379.2812	582.6754	0	403.3579	0	0	0	562.689	2
621.8074	260.0111	1.105263	614.1967	0	0	0	253.7996	3
1201.947	494.9608	2.210526	1239.71	0	0	0	473.7689	3
1039.551	410.3789	1.105263	1082.715	0	0	0	382.6187	4
192.3116	122.1739	2.210526	198.9127	0	0	0	119.7671	1
1372.891	666.2131	1.105263	1422.723	0	0	0	642.866	2
728.6472	228.6844	2.210526	752.6425	0	0	0	211.9771	3
695.718	649.2599	1	688.3664	0	0	35.61905	632.0907	1
309.9205	366.6532	0	290.6286	12.72727	33.66667	0	324.7704	0
201.9826	198.5601	0	187.7418	4.242424	20.40404	0	179.9683	0
383.6602	430.7388	3	383.9692	6.363636	23.46465	0	387.8628	2
51.29718	84.04659	0	47.73098	3.181818	5.10101	0	76.53826	0
376.1793	583.0732	0	390.8976	0	0	26.19048	554.4096	0
30.99205	58.83261	0	35.43852	0	0	2.095238	53.20629	0
270.3789	229.027	0	260.9293	8.484848	18.36364	0	206.8602	0
635.8713	556.8087	0	658.2974	0	0	24.09524	519.2934	1

107.3598	345.8244	0	111.6672	0	0	0	338.4613	0
293.6606	914.1884	0	259.1523	0	0	0	940.1702	1
423.1239	835.8294	1	392.9423	0	0	0	860.778	1
154.7244	542.2443	0	145.3781	0	0	0	550.5219	0
329.4473	449.2583	0	304.4512	0	0	0	471.1297	1
297.8708	618.5137	0	287.5958	0	0	0	617.3784	0
427.3341	845.2324	0	402.4234	0	0	0	866.0012	0
153.6719	314.4808	1	136.9504	0	0	0	326.9703	4
228.4027	390.7502	0	220.1741	0	0	0	392.7822	4
208.4043	645.6782	0	202.2652	0	0	0	650.8067	0
509.5781	587.7306	1	478.5838	0	0	0	627.7906	3
532.4927	272.8749	1	524.3709	0	0	0	285.6613	1
477.934	219.8466	0	461.1411	0	0	0	246.9088	1
388.4578	502.6644	0	345.5833	0	0	0	551.3928	0
341.5373	483.8835	1	330.3209	0	0	0	498.2465	1
294.3582	547.7898	0	276.5924	0	0	0	564.7803	0
327.3087	707.8304	1	313.9104	0	0	0	723.9946	1
341.5873	192.2635	0	336.9598	0	0	0	197.9421	0
192.2115	66.59406	0	190.9805	0	0	0	58.09169	1
412.9801	958.0952	5	418.1814	0	0	0	947.7552	5
363.5543	890.427	0	375.3754	0	0	0	886.4362	0
169.6975	322.9836	0	0	0	0	0	389.9138	17.62162
132.8067	250.7373	2.5	0	0	0	0	283.9589	9.912162
188.6699	365.4815	0	0	0	0	0	437.5934	19.82432
74.83553	236.9255	0	0	0	0	0	252.1725	16.52027
278.2617	169.9914	0	0	0	0	0	267.0062	31.93919
120.1585	207.177	0	0	0	0	0	251.1129	9.912162
329.9088	101.9948	0	0	0	0	0	223.5647	13.21622
116.9964	293.2351	0	0	0	0	0	340.115	9.912162
344.6651	518.4737	2.5	0	0	0	0	650.5626	34.14189
458.7057	779.5366	4	468.4016	0	0	0	772.1449	1.25
474.8194	624.8917	0	490.9622	0	0	0	599.622	1.25
319.0529	694.3241	2	327.6662	0	0	0	683.7795	1.25
229.89	643.8278	1	239.5724	0	0	0	631.1811	2.5
586.5417	689.064	0	620.9544	0	0	0	657.4803	2.5
139.6528	278.7816	3	141.8096	0	0	0	277.7197	0
254.5978	801.6287	0	256.7614	0	0	0	786.8724	0
398.5475	564.9273	2	395.3481	0	0	0	556.4913	1.25
560.7596	766.9125	0	559.7184	0	0	0	760.5732	0
599.4327	973.1057	2	618.8057	0	0	0	954.1354	0
444.7514	880.6635	0	0	0	0	0	997.4662	54.89691
444.7514	1018.662	0	0	0	0	0	1137.999	58.19072
340.427	1113.47	5.416667	0	0	0	0	1158.075	42.81959
239.3971	855.3813	3.25	0	0	0	0	878.0661	30.74227
253.673	1021.822	4.333333	0	0	0	0	1089.394	26.35052
89.72093	250.687	0	86.4166	0	0	0	250.7492	0
54.47342	280.0562	0	61.87855	0	0	0	272.7815	0

70.49502	238.1002	0	69.34666	0	0	0	233.9626	0
43.79236	180.4108	0	48.00922	0	0	0	178.3572	0
143.1262	504.5208	0	142.9608	0	0	0	502.5475	1
105.7425	327.2567	0	117.3559	0	0	0	317.8954	0
160.2159	445.7824	0	167.4988	0	0	0	432.2538	3
55.54153	361.8704	0	61.87855	0	0	0	350.4194	0
139.9219	317.8166	1.333333	151.4958	0	0	0	307.4038	0
163.4203	453.1247	1.333333	188.8363	0	0	0	432.2538	0
52.33721	201.3888	1.333333	60.81168	0	0	0	196.1929	0
86.51661	307.3276	0	99.21906	0	0	0	292.7156	1
120.696	421.6577	0	132.2921	0	0	0	415.4673	0
220.1214	1325.143	1	0	0	0	0	1370.25	25.95918
171.2055	454.9309	0	0	0	0	0	497.031	20.55102
149.9378	496.6677	1	0	0	0	0	526.4536	18.38776
118.0361	251.4641	0	0	0	0	0	278.4635	8.653061
133.9869	493.5375	0	0	0	0	0	521.1996	10.81633
47.85248	110.6025	0	0	0	0	0	116.6394	5.408163
101.0219	317.1996	0	0	0	0	0	338.3594	4.326531
82.9443	393.3692	1	0	0	0	0	416.119	9.734694
240.3258	902.5579	2	0	0	0	0	959.3855	20.55102
317.9531	212.8576	0	0	0	0	0	295.2764	21.63265
278.6078	229.5523	0	0	0	0	0	308.9368	4.326531
476.398	134.6011	0	0	0	0	0	239.4494	17.37573
161.635	124.1669	0	0	0	0	0	166.0273	8.653061
135.0503	186.7721	1	0	0	0	0	222.7708	4.326531
101.0219	526.9269	0	0	0	0	0	546.9389	7.815068
256.2766	879.6027	1	0	0	0	0	951.2738	16.74658
338.1575	859.7777	0	0	0	0	0	974.0961	20.09589
256.2766	659.4412	0	0	0	0	0	700.8873	22.71429
274.3542	729.3503	0	0	0	0	0	781.7994	22.71429
138.2405	381.8916	0	0	0	0	0	408.7634	3.244898
164.8252	529.0137	0	0	0	0	0	579.8932	14.5137
195.6635	369.3705	0	0	0	0	0	398.2553	14.06122
180.776	440.3231	1	0	0	0	0	467.6085	10.81633
272.2274	311.9825	0	0	0	0	0	374.4928	25.67808
66.99347	234.7694	0	0	0	0	0	252.1933	5.408163
129.7334	775.2607	0	0	0	0	0	791.5179	26.79452
55.2962	115.8196	0	0	0	0	0	137.971	6.69863
366.869	977.6841	1	0	0	0	0	1092.357	42.42466
104.2121	489.3638	0	0	0	0	0	508.5899	7.571429
327.3565	1039.218	2.133333	274.0875	0	0	0	1083.514	3.346154
297.4023	756.7529	4.266667	280.5114	0	0	0	775.7452	0
156.1897	565.9837	0	142.397	0	0	0	572.3229	3.346154
196.8418	812.6135	1.066667	184.1525	0	0	0	814.7433	4.461538
292.0533	962.2777	1.066667	278.3701	0	0	0	970.7356	2.230769
278.146	730.4036	3.2	233.4026	0	0	0	766.2592	5.576923
235.3543	680.8668	0	199.1417	0	0	0	712.5051	2.230769

359.4503	1272.146	2.133333	309.4191	0	0	0	1301.692	4.461538
150.8407	451.1006	0	140.2557	0	0	0	452.1667	0
371.218	557.5519	1.066667	334.0442	0	0	0	584.9709	2.230769
226.796	332.0016	0	202.3537	0	0	0	349.9286	1.115385
97.35111	314.0841	1.066667	88.86431	0	0	0	320.4165	0
357.9891	345.4069	3.6	342.9565	0	0	0	350.2989	1
419.238	482.7115	1.8	407.3268	0	0	0	489.9886	1
257.6677	264.955	0	252.2049	0	0	0	270.7832	0
171.0744	119.0688	0	175.1716	0	0	0	121.4226	0
284.068	318.5896	0	272.2547	0	0	0	312.6901	1
155.2342	273.5365	0	137.1826	0	0	0	277.2304	0
92.92932	170.5581	0	92.86207	0	0	0	169.7768	1
448.8064	390.46	0	423.1556	0	0	0	399.7276	0
385.4455	330.3892	3.6	357.73	0	0	0	354.597	2
236.5474	93.32423	0	232.1552	0	0	0	93.48468	0
242.3169	497.0071	0	250.7043	0	0	0	491.0577	0
439.4013	1344.154	1.5	444.48	0	0	0	1350.409	2.8
492.1725	649.1955	3	504.6928	0	0	0	645.8476	0
424.3238	310.7624	1.5	458.2358	0	0	0	100.3802	23.60976
86.15711	328.8548	0	89.77183	0	0	0	331.9977	0
568.6369	1041.906	0	586.8012	0	0	0	1030.154	2.8
355.3981	753.4925	0	364.5612	0	0	0	747.2617	1.4
159.3907	320.3407	0	157.6481	0	0	0	320.255	0
737.7203	684.3159	0	922.3528	0	0	0	92.87395	59.02439
552.4825	247.9714	0	560.7519	0	0	0	133.7638	5.365854
344.7929	889.0882	5.546875	324.5356	0	0	0	931.2311	4.296296
344.7929	994.8784	1.109375	1035.422	0	0	0	981.5025	3
700.8168	756.2877	2.21875	649.7118	0	0	0	797.625	3.333333
569.4136	873.3322	0	569.9442	0	0	0	887.8118	4.296296
700.8168	873.3322	4.4375	962.2456	0	0	0	1019.25	10
636.7999	246.4688	0	629.5016	0	0	0	236.0017	2
1057.964	943.1088	3.328125	1164.578	0	0	0	968.2687	4
1057.964	246.4688	1.109375	1136.359	0	0	0	857.9876	5
636.7999	246.4688	2.21875	859.5953	0	0	0	594.4155	3
677.0723	611.1897	3.169981	600.4234	0	0	0	639	8.888889
1205.09	849.6982	4.4375	1135.274	0	0	0	1086.27	2
919.4934	801.3865	2.060606	791.9763	0	0	0	843.75	5.555556
880.5227	340.8598	0	859.5228	0	20.17087	0	338.5686	2.357143
771.5723	984.7496	0	755.7208	0	0	0	1028.353	0
837.8355	840.6948	3.328125	831.4075	0	0	0	878.6708	1.074074
666.0006	483.9341	1.109375	629.6604	0	0	0	490.365	7.333333
788.4937	828.4657	1.030303	761.4546	0	0	0	819.2549	1.074074
585.1371	707.8943	3.328125	575.678	0	0	0	733.5588	5.37037
1229.799	754.0368	1.109375	1161.968	0	30.78711	0	776.914	2.357143
494.1657	702.2671	2.21875	454.7798	0	11.67787	0	723.1018	3.535714
389.717	734.9046	0	366.9373	0	19.10924	0	732.0705	2.357143
716.561	827.3926	1.166667	680.966	0	4.246499	0	880.2672	2.252646

657.4715	662.7725	4.121212	626.1878	0	0	0	639	3.333333
1084.769	623.0995	5.151515	970.087	0	0	0	645.75	6.666667
634.5537	285.8587	2.21875	617.1218	0	11.67787	0	286.9985	1.178571
357.147	621.2363	2.21875	345.1775	0	0	0	647.8626	1.074074
839.4907	369.1704	2.333333	833.9483	0	19.10924	0	353.1427	1.178571
669.8182	240.074	0	740.2864	0	0	0	0	49.81283
1435.008	266.1198	1.166667	1477.263	0	0	0	0	59.7754
525.6521	194.777	0	567.0748	0	0	0	0	39.85027
76.37106	69.77654	1.109375	74.08198	0	0	0	71.5428	1.25
828.8506	631.3652	6.65625	779.4637	0	30.78711	0	643.5046	3.535714
925.4376	734.9046	1.109375	875.0898	0	24.41737	0	746.6447	0
749.1103	630.2397	5.546875	707.1882	0	19.10924	0	643.5046	2.357143
508.766	445.6695	1.109375	478.1304	0	25.47899	0	442.8298	1.178571
615.4609	524.4495	0	581.54	0	16.98599	0	533.6379	2.357143
858.0513	365.7641	1.109375	828.3887	0	16.98599	0	365.4747	3.535714
1395.085	431.4537	2.333333	1406.452	0	0	0	414.494	5
1003.902	415.208	0	1093.771	0	0	0	57.9156	105.3035
683.9702	321.8724	1.109375	746.906	0	0	0	0	73.05882
725.5251	410.7813	1.109375	698.2927	0	19.10924	0	414.8026	1.178571
659.8323	974.3223	2.060606	765.1849	0	0	0	938.4058	4.444444
668.0949	1002.327	1.030303	644.7575	0	0	0	1052.601	4.285714
662.193	533.2519	2.060606	607.4364	0	0	0	565.118	1.111111
816.4965	312.869	0	768.4523	0	0	0	344.25	12.22222
1006.301	487.3104	1.109375	957.7649	0	0	0	532.125	5.555556
432.019	513.4154	3.090909	484.2287	0	0	0	507.0228	3.333333
1021.028	1332.546	3.090909	938.7216	0	0	0	1298.25	3.333333
490.7964	443.4187	2.21875	458.3034	0	0	0	469.9394	2.222222
894.7278	620.7658	2.060606	804.2985	0	0	0	635.625	8.888889
827.4462	942.8173	2.060606	825.8691	0	0	0	982.3483	4.285714
831.0968	239.7162	0	787.4956	0	0	0	276.75	4.444444
401.3291	658.1051	0	382.7493	0	0	0	698.9557	0
854.5949	1004.66	3.090909	913.5581	0	0	0	1005.423	8.650794
876.021	517.6969	3.328125	877.2783	0	0	0	539.3142	1.074074
598.8441	317.0789	0	644.3029	0	0	0	0	71.95187
792.914	296.6952	1.166667	815.3527	0	0	0	300.5077	5.37037
678.69	469.9562	3.5	660.5389	0	0	0	517.6045	2.148148
919.822	604.3549	1.109375	893.333	0	0	0	653.5757	3.222222
1125.605	644.3496	5.833333	1139.86	0	0	0	670.7149	4.362052
771.8435	463.1616	0	783.2432	0	0	0	478.7556	4.296296
671.6161	290.3605	1.109375	684.6211	0	0	0	301.6503	1.074074
828.8506	908.2205	1.109375	806.1786	0	0	0	957.5113	4.296296
486.3165	633.6012	1.030303	458.1589	0	0	0	603	1.111111
928.8069	576.2192	1.109375	938.057	0	0	0	597.5876	2.148148
1074.593	237.8092	1.166667	1123.117	0	0	0	0	54.24064
796.2409	680.5871	3.5	816.4995	0	0	0	694.7099	4.296296
1072.375	599.0526	1.166667	1076.816	0	0	0	630.7234	4.296296
787.3691	178.9231	0	798.7591	0	0	0	0	39.85027

1396.194	486.9426	1.166667	1374.347	0	36.09524	0	473.0992	1.178571
696.4335	165.334	2.333333	729.2538	0	0	0	0	34.31551
728.5937	255.9279	2.333333	789.933	0	0	0	0	43.17112
806.2216	377.0974	3.5	872.2593	0	5.308123	0	28.0272	90.77005
762.9718	358.9786	3.5	849.509	0	0	0	0	80.80749
988.0928	346.5219	4.666667	1011.45	0	0	0	361.0663	4.296296
906.029	311.4167	1.166667	899.5523	0	23.35574	0	299.3305	3.535714
1186.683	455.2347	1.166667	1174.373	0	26.54062	0	435.0037	1.074074
981.439	345.3895	1.166667	1076.78	0	0	0	0	84.12834
714.1771	223.0876	0	707.1882	0	18.04762	0	218.6122	0
855.0163	476.7507	4.666667	853.6013	0	0	0	474.6808	1.25
937.0802	285.371	2.333333	1012.791	0	0	0	0	42.06417
507.9085	125.6991	1.166667	530.6673	0	0	0	0	32.1016
958.1506	170.9961	1.166667	969.6999	0	0	0	155.5772	3.75
486.8381	296.6952	1.166667	494.2484	0	0	0	290.7136	1.25
980.33	428.0565	0	996.2367	0	0	0	408.816	1.25
658.7285	229.8822	2.333333	708.2919	0	0	0	0	47.59893
1142.24	217.4255	0	1145.506	0	0	0	215.764	0
1148.894	211.7634	3.5	1156.931	0	0	0	158.984	19.24733
929.3174	151.7449	1.166667	948.6916	0	0	0	132.8652	1.25
945.9519	286.5034	1.166667	994.0359	0	0	0	0	69.73797
974.7852	471.0886	0	989.6025	0	0	0	457.6468	0
144.7168	344.7368	0	188.5467	0	0	0	305.1227	0
571.4186	850.2807	1.133333	689.9402	0	0	0	739.716	4
192.601	602.2384	0	202.387	0	0	0	595.5362	0
216.0111	686.3205	0	213.9821	0	0	0	691.6245	0
60.65337	116.664	1.133333	61.13774	0	0	0	121.4303	0
410.7404	944.8731	1.133333	381.5839	0	0	0	971.442	1
301.1387	1000.578	0	308.851	0	0	0	987.2808	1
51.07652	216.5115	0	43.21806	0	0	0	223.854	0
175.5755	551.7891	0	180.2509	0	0	0	542.7404	0
479.9065	1251.773	5.666667	472.2364	0	0	0	1253.371	0
118.1145	499.2377	1.133333	107.5181	0	0	0	511.063	1
532.0471	1276.998	6.8	552.3479	0	0	0	1261.819	4
331.8319	372.6823	1.333333	287.9719	40.84615	0	0	377.7408	1
220.104	424.0868	0	204.73	30.37278	0	0	409.9346	0
346.3565	318.0651	0	305.9701	36.6568	0	0	319.7919	1
260.326	330.9162	1.333333	233.9771	38.75148	0	0	319.7919	1
77.09226	190.6249	1.333333	70.86807	11.52071	0	0	187.7973	0
193.2893	190.6249	0	175.4828	18.85207	0	0	189.9435	0
299.2275	180.4163	0	274.7368	0	0	0	203.8636	1
131.8275	327.2667	0	105.2632	0	0	0	355.4545	0
148.5675	298.9456	1	124.2105	0	0	0	324.0909	1
139.1513	345.0986	0	113.6842	0	0	0	362.7727	0
118.2263	370.2729	0	102.1053	0	0	0	386.8182	0
92.68243	314.4825	0	101.3129	0	0	0	305.7767	1.04
83.09459	289.4074	0	95.98069	0	0	0	274.2533	3.12

285.5045	678.0702	0	289.0085	0	0	0	675.6509	2.08
361.1419	437.7679	1	377.5138	0	0	0	423.2759	1.074074
583.7928	1021.807	1	635.5344	0	0	0	974.2734	2.148148
462.3468	1097.032	2	502.2989	0	0	0	1064.439	0
121.4459	390.7523	0	137.5723	0	0	0	379.3312	0
232.2387	516.1274	1	243.1511	0	0	0	507.5262	1.04
291.8391	592.5878	2.214286	317.2385	0	0	0	558.3864	2.148148
268.4067	335.3077	0	279.1699	0	0	0	319.8319	0
499.5347	1051.263	3.321429	534.0181	0	0	0	1016.495	1.074074
485.7838	797.1765	2	520.2711	0	0	0	766.3299	0
502.7301	1269.53	1.107143	524.501	0	0	0	1221.272	3.222222
206.6306	304.7293	0	206.205	0	0	0	299.7764	1.074074
129.9685	265.3772	1	138.6388	0	0	0	258.4916	0
544.2692	1249.496	1.107143	556.688	0	0	0	1226.259	3.12
319.5318	566.2271	1.107143	354.2497	0	0	0	527.7754	2.148148
686.9934	1177.795	0	677.1971	0	0	0	1176.872	1.04
761.5508	1188.339	3.321429	757.181	0	0	0	1172.669	4.16
330.1829	482.9274	0	367.9967	0	0	0	443.3313	0
99.05486	264.6611	0	104.6887	0	0	0	255.4433	0
265.2114	636.8737	0	306.6639	0	0	0	587.9418	1.074074
379.1778	685.3773	1.107143	413.4675	0	0	0	644.9415	1.074074
582.613	1330.686	1.107143	650.3389	0	0	0	1248.717	3.222222
360.0059	914.1879	0	387.031	0	0	0	873.9961	0
371.722	624.2206	2.214286	374.3247	0	0	0	618.9088	0
326.9876	508.2336	1.107143	339.1318	0	0	0	491.7645	0
416.4565	696.976	8.857143	425.5144	0	0	0	684.0571	10.4
360.0059	395.41	1.107143	366.9392	0	0	0	377.8872	2.148148
222.6072	507.1792	0	228.4117	0	0	0	496.1089	3.222222
346.1595	436.5326	2.214286	366.9392	0	0	0	411.6648	3.222222
594.3292	919.46	1.107143	640.8218	0	0	0	865.5517	2.148148
349.9178	436.0683	3	0	0	320.0221	0	457.5425	6.888889
182.0445	365.326	0	0	0	173.0732	0	365.6113	1.148148
81.75649	205.8918	0	0	0	78.37277	0	208.166	1.148148
100.288	231.2324	0	0	0	90.34638	0	233.5263	5.740741
204.9363	297.7512	1	0	0	200.286	0	304.3239	0
389.1609	582.8322	2	0	0	359.2085	0	604.4211	3.444444
141.7113	121.4234	0	0	0	125.1787	0	135.2551	1.148148
152.6121	291.4161	0	0	0	125.1787	0	311.7206	2.296296
128.6302	274.5224	0	0	0	103.4085	0	296.9271	0
59.95476	180.5513	0	0	0	55.51404	0	182.8057	0
138.441	377.9963	0	0	0	156.7455	0	355.0445	3.444444
206.0264	477.2467	0	0	0	182.8698	0	496.6397	3.444444
47.96381	165.7693	0	0	0	45.71745	0	170.1255	0
30.52242	185.8306	0	0	0	29.38979	0	187.0324	1.148148
199.4858	279.8017	0	0	0	179.6043	0	288.4737	1.148148
138.441	206.9477	0	0	0	133.8868	0	208.166	0
219.1074	404.3926	0	0	0	199.1974	0	414.2186	0

335.7994	885.9133	1	346.0656	0	0	0	881.5189	0
156.136	421.6156	1	147.1043	0	0	0	422.1358	4
104.8036	561.1131	0	97.36402	0	0	0	568.021	0
36.36045	227.9847	0	28.57422	0	0	0	235.8994	2
97.31766	458.0515	0	0	0	0	0	481.0275	10.31707
89.83169	395.59	2	0	0	0	0	396.0183	14.90244
112.2896	468.4618	2	0	0	0	0	478.9541	21.78049
82.34571	289.4053	2	85.72267	0	0	0	289.701	1
196.7742	620.4516	0	183.0867	0	0	0	632.169	0
413.8674	879.6672	0	404.2723	0	0	0	881.5189	2
197.8436	429.9438	0	196.8446	0	0	0	429.3783	0
211.7461	713.103	2	215.8941	0	0	0	706.6636	1
358.2573	860.9287	0	359.8236	0	0	0	857.722	1
143.3029	444.5182	0	139.6962	0	0	0	441.7941	1
227.7875	695.4055	0	259.2275	0	0	0	677.6606	0
136.8864	404.9592	0	129.1132	0	0	0	414.8933	0
176.4551	589.2208	1	199.8212	0	0	0	578.4393	2.111111
505.838	670.4209	0	509.814	0	0	0	671.3273	1.055556
89.83169	263.3796	0	86.31063	0	0	0	260.5818	0
618.1276	941.0877	1	626.4664	0	0	0	948.936	2.111111
691.9179	1190.934	0	729.9829	0	0	0	1175.628	7.388889
190.3576	741.2107	0	219.2632	0	0	0	727.2713	0
45.98527	97.85647	0	48.60515	0	0	0	98.16579	0
243.8289	591.3029	0	260.3076	0	0	0	582.6615	1.055556
144.3724	782.8517	2	174.9785	0	0	0	766.3265	5.277778
225.6486	628.7798	1	224.1971	0	0	0	617.9805	1
196.7742	1028.534	0	196.8303	0	0	0	1013.488	4
291.953	842.1902	2	283.141	0	0	0	833.2436	2
83.41514	451.8054	0	90.52091	0	0	0	436.7062	0
418.1451	642.3132	1	416.972	0	0	0	632.169	1
83.77256	415.0847	0	0	0	0	0	420.4118	6.424779
101.8855	295.2881	0	0	0	0	0	303.1613	14.99115
84.90462	218.5763	0	0	0	0	0	229.2195	2.141593
210.5635	609.4915	1	0	0	0	0	628.5051	12.84956
38.4901	107.1864	1	0	0	0	0	116.1942	4.283186
33.96185	114.5424	0	0	0	0	0	115.1379	3.212389
65.65957	195.4576	1	0	0	0	0	194.3613	5.353982
101.8855	324.7119	0	78.75661	0	0	0	314.2928	3.212389
76.98019	188.1017	0	0	0	0	0	196.4739	10.70796
27.16948	42.0339	0	27.86772	0	0	0	44.0087	0
99.62142	505.4576	2	122.3757	0	0	0	488.287	2
72.45194	177.5932	0	0	0	0	0	192.2486	3.212389
277.3551	844.8814	2	0	0	0	0	869.3441	35.33628
130.1871	480.2373	0	0	0	0	0	478.5089	9.637168
138.1115	565.3559	0	0	0	0	0	559.8449	9.637168
86.09945	345.3041	1	90.56875	0	0	0	336.9413	1.066667
109.4845	436.118	0	98.99375	0	0	0	447.136	1.066667

62.71442	291.4493	0	67.4	0	0	0	287.1418	0
99.91788	468.8533	1	109.525	0	0	0	461.9699	2.133333
26.57391	126.7171	0	34.75313	0	0	0	115.4925	0
53.14781	337.9123	1	66.34688	0	0	0	323.167	2.133333
62.71442	257.6581	0	70.55938	0	0	0	250.0571	0
69.09215	222.8109	3	83.19688	0	0	0	214.0319	0
20.19617	67.58245	0	23.16875	0	0	0	66.75253	0
221.0949	870.1241	2	251.6969	0	0	0	840.2342	2.133333
75.46989	161.5643	0	68.45313	0	0	0	166.3515	0
53.14781	186.9077	0	75.825	0	0	0	171.6494	0
20.19617	130.941	0	31.59375	0	0	0	119.7307	0
43.5812	289.3374	2	68.45313	0	0	0	262.7719	3.2
30.82573	198.5234	0	60.02813	0	0	0	171.6494	2.133333
94.6031	409.7186	1	111.6313	0	0	0	396.2769	2.133333
36.14051	84.47806	0	35.80625	0	0	0	82.64599	0
205.3073	475.8346	0	0	0	0	0	509.985	40.3877
390.1914	1176.021	0	0	0	0	0	1265.557	44.75393
233.2549	836.8845	0	0	0	0	0	886.2035	60.03577
220.356	696.0124	1.111111	0	0	0	0	746.1667	49.12017
236.4797	785.7532	1.111111	0	0	0	0	816.1851	70.95136
182.7343	864.0154	1.111111	0	0	0	0	887.2486	39.29614
147.2623	423.6597	1.111111	0	0	0	0	446.2369	41.47926
668.5925	1474.461	2.222222	0	0	0	0	1665.812	142.9943
34.39704	68.87079	0	0	0	0	0	77.3338	7.640916
357.9442	1101.933	1.111111	0	0	0	0	1171.503	77.50072
234.3298	713.7519	1.111111	0	0	0	0	758.7073	21.83119
576.1504	1122.803	1.111111	0	0	0	0	1254.062	167.0086
239.507	768.3392	0	0	0	132.5383	0	856.9758	21.25
133.4096	601.7114	0	0	0	6.413146	0	659.4423	11.26065
94.54225	200.5705	0	0	0	43.82316	0	238.2207	2.02381
178.5798	797.1391	0	0	0	0	0	888.7304	7.184211
39.91784	241.7131	0	0	0	0	0	254.0699	4.105263
204.8415	476.2263	0	0	0	109.0235	0	531.0981	11.13095
107.1479	220.1132	0	0	0	51.30516	0	258.8459	8.095238
116.6021	587.3115	0	0	0	86.57746	0	606.38	5.059524
198.5387	345.5984	0	0	0	94.05947	0	402.1908	17.20238
169.1256	485.4834	0	0	0	87.64632	0	515.6292	9.107143
89.28991	283.8844	0	0	0	0	0	338.417	6.157895
86.1385	636.6827	0	0	0	0	0	663.462	8.210526
122.9049	330.1699	1	0	0	71.61346	0	347.5341	9.107143
9.454225	74.05679	0	0	0	0	0	72.00362	4.105263
78.07956	373.8021	0	83.01254	0	0	0	368.9355	1.333333
241.5261	380.0149	0	241.5878	0	0	0	380.3033	1.333333
352.9196	259.9012	0	484.0271	0	0	0	0	29.48792
79.12062	124.2556	1	140.0589	0	0	0	0	0
252.9778	259.9012	1	371.774	0	0	0	0	33.70048
172.8161	292.0006	0	269.6844	0	0	0	87.84179	22.11594

185.3088	164.6386	0	272.9089	0	0	0	0	16.85024
224.8691	552.9372	1	216.0455	0	0	0	563.2209	1.333333
150.9538	180.1706	0	192.7929	0	0	0	95.07582	8.425121
290.4559	416.2561	0	485.057	0	0	0	0	54.76329
44.76561	230.9082	1	40.44201	0	0	0	235.6227	0
193.6373	119.0782	0	216.2674	0	0	0	0	22.11594
166.5697	325.1354	0	322.3415	0	0	0	0	30.54106
280.3394	766.0632	2.363636	280.0376	0	0	0	758.5873	2
314.0236	769.3093	4.727273	327.0751	0	0	0	746.7847	6
594.3948	824.4978	0	528.3582	0	0	0	888.322	3.195652
579.3655	832.1403	2.285714	543.5472	0	0	0	867.7138	0
499.83	729.2749	0	377.6351	5.443038	223.3941	0	621.2136	1.1
447.6738	801.7696	4.727273	351.1811	13.06329	171.7606	0	714.4753	3.3
402.0372	858.0341	4.727273	302.1081	4.35443	200.2117	0	754.5631	2.2
738.8791	764.9812	1.181818	703.0311	0	0	0	798.2967	4.26087
615.0082	853.7061	3.545455	523.2162	19.59494	149.6319	0	778.4142	1.1
807.3341	815.8357	2.363636	688.5	11.97468	180.1906	0	740.4693	0
831.239	1282.182	2.363636	653.473	16.32911	276.0814	0	1163.285	2.2
767.7682	833.2238	0	685.6723	0	0	0	896.9992	3.195652
849.1203	766.9306	2.285714	816.9482	0	0	0	792.8735	2.130435
931.1231	1053.178	3.428571	831.0522	0	0	0	1143.213	5.326087
272.7333	651.3702	0	280.2759	0	0	0	654.3038	0
224.9235	617.8278	0	227.6115	0	0	0	616.3242	1
226.0101	713.0447	1.181818	200.711	0	0	0	735.3875	2.130435
565.0252	826.6558	3.545455	496.8954	0	0	0	890.4913	5.326087
509.6093	1056.042	10.63636	483.8763	0	0	0	1086.812	1.065217
773.6499	829.9018	4.727273	717.1351	0	0	0	879.6449	5.326087
1042.037	981.3833	1.181818	988.3662	0	0	0	1038.003	3.195652
432.4616	542.0871	2.363636	405.7618	0	0	0	566.1833	4.26087
639.2623	645.7755	0	566.3306	0	0	0	709.3561	4.26087
726.7255	767.6813	1.181818	620.1959	15.24051	92.72964	0	759.1076	5.36087
385.9707	334.4978	1.181818	368.8743	0	0	0	351.4241	0
1074.455	1108.606	0	998.1306	0	0	0	1175.752	1.065217
755.5698	1672.761	4.190476	666.7631	25.98684	112.2059	0	1625.666	0
654.6146	785.6267	2.095238	616.541	10.39474	67.94118	0	739.7573	0
579.1639	868.1017	0	530.7199	9.355263	74.11765	0	829.838	0
783.1996	1028.822	1.047619	709.6644	13.51316	102.9412	0	979.2776	2
597.2296	766.594	2.095238	609.3513	0	0	0	744.9688	2.153846
870.3399	922.0276	3.142857	881.8169	0	0	0	898.8096	3.230769
369.8147	849.069	1.047619	383.3527	0	0	0	832.4262	0
795.9519	1104.953	1.047619	782.5465	0	0	0	1102.174	2.153846
684.3698	334.1293	0	688.8566	0	0	0	324.0762	2.210526
981.9219	690.4633	0	1023.33	0	0	0	637.491	4.307692
399.57	637.5948	0	403.9632	0	0	0	630.1586	3.315789
351.7491	285.4902	1.047619	347.572	0	0	0	290.1099	3.315789
367.6894	182.9252	0	371.0083	0	0	0	181.1044	0
1190.208	698.9223	3.142857	1192.755	0	0	0	696.8812	5.526316

717.3131	1133.502	3.142857	695.242	0	0	0	1152.29	3.315789
531.343	773.9956	0	514.5216	0	0	0	789.0221	2.210526
820.3936	1193.772	0	797.2958	0	0	0	1221.131	1.105263
649.3012	785.6267	3.142857	622.9538	0	0	0	809.1448	4.421053
571.7251	720.0697	4.190476	553.1579	2.078947	5.147059	0	726.5842	4.315789
785.325	578.382	0	783.476	0	0	0	575.0859	1.105263
548.346	918.8555	2.095238	521.963	0	0	0	950.0038	1.105263
777.8862	880.7901	1.047619	759.0256	0	0	0	903.4038	1.105263
572.7878	1148.305	1.047619	535.7828	0	0	0	1189.358	5.526316
490.961	228.3922	2.095238	492.1973	0	0	0	223.468	2.210526
891.5936	968.5519	2.095238	847.5921	4.157895	44.26471	0	946.2854	2.076923
783.1996	569.923	1.047619	746.4194	8.315789	47.35294	0	535.3942	2.076923
1041.432	1112.354	5.238095	974.1323	5.197368	71.02941	0	1086.089	8.210526
255	381	0	241	0	0	0	389	1
384	210	0	380	0	0	0	208	0
166	165	0	207	0	0	0	0	20
153	117	0	155	0	0	0	114	0
322	223	0	317	0	0	0	222	0
197	183	1	191	0	0	0	185	2
156	31	0	156	0	0	0	28	0
367.752	126.5805	0	388.2977	0	0	0	12.47458	11.28947
292.1298	130.7307	0	345.8226	0	0	0	0	13.34211
60.08343	42.53935	0	90.84294	0	0	0	0	1.026316
143.993	279.0996	0	281.8196	0	0	0	0	16.42105
19.6825	108.9422	0	25.09166	0	0	0	100.8362	0
280.7346	181.5704	0	305.9241	0	0	0	94.59887	7.157895
54.90382	13.48809	0	56.77684	0	0	0	0	1.026316
235.1541	151.4816	0	328.2734	0	0	0	0	6.157895
103.5921	65.36534	0	146.5875	0	0	0	0	4.105263
142.9571	225.1473	0	171.3316	0	0	0	160.0904	6.131579
87.01738	112.0549	0	135.2321	0	0	0	0	13.34211
16.23748	134.9942	0	25.4336	0	0	0	121.9542	1.111111
41.13494	204.061	0	41.3296	0	0	0	201.8553	1.111111
31.39246	97.32141	0	31.792	0	0	0	96.72232	0
42.21744	187.3175	0	27.55307	0	0	0	201.8553	0
30.30996	71.15974	0	24.37387	0	0	0	74.6444	0
8.659988	41.85867	0	12.7168	0	0	0	37.84786	0
10.82499	77.43854	0	16.95573	0	0	0	71.49041	0
31.39246	205.1075	0	33.91147	0	0	0	203.9579	0
37.88745	194.6428	0	38.1504	0	0	0	195.5473	0
18.40247	89.99614	0	22.2544	0	0	0	86.20902	0
16.23748	78.485	0	16.95573	0	0	0	76.74706	2.222222
34.63995	293.0107	0	43.44907	0	0	0	288.0643	0
23.81497	92.08907	1.2	19.0752	0	0	0	96.72232	0
368.0495	1105.069	2.4	388.9221	0	0	0	1082.869	11.111111
57.37242	284.6389	0	67.82293	0	0	0	277.551	1.111111
176.4473	974.2605	7.2	179.0949	0	0	0	966.1718	0

51.95993	176.8529	0	66.7632	0	0	0	162.9561	0
81.18739	410.215	0	100.6747	0	0	0	391.0946	0
47.62994	287.7783	0	52.98667	0	0	0	284.9103	1.111111
253.3047	1007.747	0	243.7387	0	0	0	1008.225	4.444444
25.97996	111.9719	0	28.6128	0	0	0	106.1843	0
75.7749	323.3582	1.2	80.53973	0	0	0	312.2449	2.222222
87.68238	578.6961	0	103.8539	0	0	0	564.564	1.111111
268.4596	1101.929	0	320.0395	0	0	0	1036.611	4.444444
238.2299	402.1434	0	5.341615	0	0	0	449.0135	32.88889
381.3816	969.3223	0	0	0	0	0	1055.067	61.66667
386.7231	777.1291	0	351.2994	64.575	0	0	733.4129	3
407.0207	723.8581	5	378.1571	63.55	0	0	693.599	2
326.8985	464.8151	0	317.2919	0	0	0	461.1943	5
291.6447	726.9917	0	291.6522	0	0	0	716.3676	1
402.7475	1018.415	3	384.603	56.375	0	0	976.4869	2
242.5031	491.9728	1	245.7143	0	0	0	484.2017	1
458.2989	728.0362	1	403.9406	61.5	0	0	700.747	5.055556
132.4687	348.8725	0	0	0	0	0	381.199	17.47222
142.0833	268.4438	0	0	0	0	0	293.7107	33.91667
525.2252	930.8071	2.222222	0	0	0	0	1102.866	64.94382
285.4013	510.4764	1.111111	0	0	0	0	598.0032	44.37828
95.4955	376.306	0	0	0	0	0	422.7785	10.90498
139.9877	624.7309	1.111111	0	0	0	0	648.8071	22.73034
53.17363	254.7141	0	0	0	0	0	286.7359	8.723982
217.0352	602.7186	0	0	0	0	0	677.3842	23.81273
334.2342	1032.483	0	0	0	0	0	1140.665	51.25339
447.0925	839.6132	1.111111	0	0	0	0	952.5715	71.4382
220.2907	664.5627	1.111111	0	0	0	0	760.7921	25.08145
291.9124	832.2757	2.222222	0	0	0	0	950.2052	45.8009
258.2719	1169.798	0	0	0	0	0	1239.034	31.62443
252.846	483.223	0	0	0	0	0	597.5409	21.80995
19.53317	97.48317	0	0	0	0	0	100.4622	4.361991
155.1802	926.6143	0	0	0	0	0	958.922	14.07116
35.81081	185.5325	0	0	0	0	0	186.2807	6.494382
155.1802	669.8038	0	0	0	0	0	707.0198	27.05993
166.0319	791.3957	1.111111	0	0	0	0	832.9993	15.26697
103.0917	375.2578	0	0	0	0	0	383.1454	14.07116
219.2056	874.204	0	0	0	0	0	940.7869	26.17195
428.5633	233.8089	1	396.3617	0	0	0	268.4829	0
218.079	192.2914	0	198.7238	0	0	0	208.4563	0
394.9292	416.2673	2	363.784	0	0	0	450.7457	0
156.2357	262.2156	0	157.4587	0	0	0	260.8432	0
265.8177	322.3067	0	239.9888	0	0	0	343.7891	1.166667
210.4842	220.6981	0	194.3801	0	0	0	236.8325	0
275.5825	678.4829	3	273.6524	0	0	0	675.5729	5.833333
425.3084	612.929	2	412.6505	0	0	0	624.2774	0
152.633	328.4884	0	152.7778	0	0	0	333.1116	0

89.21508	248.9816	0	97.22222	0	0	0	245.6171	0
61.26819	252.1201	0	69.44444	0	0	0	258.2669	1
235.3988	686.2687	2	0	0	0	0	731.0039	11.64706
98.88901	360.9188	1	0	0	0	0	372.812	9.529412
380.5077	982.3267	0	379.2735	0	0	0	998.2808	4
33.3213	178.8902	0	49.1453	0	0	0	166.5558	2
316.0149	747.9911	1	299.1453	0	0	0	777.9633	0
234.324	921.6505	2	246.7949	0	0	0	921.3278	6
185.9543	728.1144	2	206.1966	0	0	0	717.8767	1
151.5582	760.5448	2	0	0	0	0	760.2441	23.29412
84.91556	242.7048	0	0	0	0	0	257.94	9.529412
43.5832	285.9775	0	0	0	37.94332	0	273.9789	0
218.979	963.6199	1	0	0	192.8785	0	964.1153	3.321429
428.391	933.5715	3	0	0	286.6829	0	979.6823	18.82143
502.8013	1020.608	2	0	0	359.4076	0	1077.235	15.5
138.1906	602.0034	4	0	0	123.3158	0	599.8478	4.428571
155.1987	564.702	1	0	0	129.6397	0	565.6005	4.428571
103.1115	370.9418	0	0	0	91.69636	0	365.3053	0
117.9935	597.8588	4	0	0	95.91228	0	590.5077	7.75
54.21325	288.0498	1	0	0	59.02294	0	277.0923	2.214286
115.8675	484.9184	0	0	0	103.2901	0	478.4254	2.214286
95.67044	336.7489	0	0	0	82.21053	0	335.2091	3.321429
705.341	686.7379	2.1	661.6237	0	0	0	730.5648	2.4
768.1089	874.0301	3.15	757.357	0	0	0	877.7365	0
1206.42	649.7028	2.1	1170.074	0	0	0	671.2726	3.6
957.4765	1214.754	3.15	927.1228	0	0	0	1212.149	2
524.4843	624.3072	0	537.2929	0	0	0	614.688	2
543.6339	1624.257	2.1	511.6415	0	0	0	1648.535	3.6
636.1899	1002.066	0	607.3748	0	0	0	1018.556	3.6
780.8753	814.7738	0	769.9971	0	0	0	814.364	1.2
675.5529	1380.883	3.15	696.5787	0	0	0	1351.961	7
620.232	1354.429	1.05	561.6356	0	0	0	1402.896	4.8
392.5654	597.8535	1.05	362.723	0	0	0	624.6858	4.8
847.8986	1442.255	2.1	800.3095	0	0	0	1457.303	8
953.221	1090.95	1.05	913.2693	0	0	0	1105.287	2
1040.266	420.5346	1.217391	1176.786	0	0	0	0	62.20588
946.6308	567.8341	1.217391	1068.017	0	0	0	0	94.46078
1568.963	649.9171	1.217391	1732.201	0	0	0	0	87.54902
1345.152	353.0691	2.434783	1417.466	0	0	0	0	56.44608
1824.748	527.3548	0	1965.938	0	0	0	0	77.18137
1928.66	350.8203	2.434783	2008.752	0	0	0	0	82.94118
2298.634	465.5115	6.086957	2375.557	0	0	0	0	131.3235
2256.384	474.5069	6.086957	2363.986	0	0	0	0	93.30882
1138.469	455.3917	3.652174	1272.827	0	0	0	0	71.42157
1382.835	303.5945	2.434783	1468.379	0	0	0	0	66.81373
598.3529	211.3917	0	661.8698	0	0	0	0	32.2549
1509.585	446.3963	1.217391	1603.761	0	0	0	0	69.11765

1366.848	619.5576	3.652174	1527.392	0	0	0	0	104.8284
1540.416	371.0599	1.217391	1644.26	0	0	0	0	51.83824
1314.321	513.8618	1.217391	1456.808	0	0	0	0	93.30882
1608.93	583.576	4.869565	1667.685	0	0	0	0	93.13681
1213.834	385.6774	2.434783	1275.354	0	0	0	0	68.99023
1556.403	581.3272	0	1640.859	0	0	0	0	89.6873
1451.348	320.4608	4.869565	1506.729	0	0	0	0	60.94137
1643.187	407.0415	1.217391	1726.926	0	0	0	0	45.99349
746.7992	263.1152	1.217391	796.9566	0	0	0	0	39.09446
1131.618	206.894	2.434783	1161.343	0	0	0	0	34.49511
1429.652	250.7465	1.217391	1439.664	0	0	0	0	32.19544
1942.363	308.0922	0	1956.065	0	0	0	0	56.34202
1316.605	255.2442	0	1335.713	0	0	0	0	47.14332
1450.206	250.7465	1.217391	1465.372	0	0	0	0	32.19544
1274.355	328.3318	1.217391	1318.946	0	0	0	0	35.64495
1516.436	595.9447	1.217391	1655.389	0	0	0	0	70.14007
203.3435	482.8865	0	0	0	0	0	572.9774	11.86275
368.8305	763.684	2	0	0	0	0	911.4089	33.43137
247.6897	348.8696	0	0	0	0	0	448.743	20.4902
386.1363	1413.56	2	0	0	0	0	1521.871	44.21569
262	652	1	0	0	190	0	712	1
223	483	0	0	0	187	0	504	1
1945.545	372.9907	5.294118	2040.474	0	0	0	0	45.03597
1890.555	311.0068	3.176471	1968.937	0	0	0	0	33.77698
1562.815	180.5144	3.176471	1601.343	0	0	0	0	38.28058
2118.213	548.0679	0	2310.116	0	0	0	0	52.91727
1525.421	184.8642	1.058824	1580.432	0	0	0	0	22.51799
1911.451	419.7504	2.117647	2038.273	0	0	0	0	45.03597
900.7355	139.1919	0	932.1909	0	0	0	0	19.14029
750.063	116.3557	3.176471	796.8196	0	0	0	0	15.76259
1082.202	289.2581	0	1164.413	0	0	0	0	40.53237
444.4613	833.1657	0	0	0	0	0	1012.406	41.71588
245.9845	931.2472	1.045455	235.3493	0	0	0	928.4852	1.055556
1547.309	88.56261	1.033333	1523.623	73.12122	0	0	0	3.030612
340.0337	686.6207	0	0	0	0	0	838.0306	34.88571
1122.007	106.2751	1.033333	1130.296	74.1511	0	0	0	2.020408
1270.04	960.7771	0	0	0	0	0	1446.177	174.4286
619.7121	902.7719	0	0	0	0	0	1118.698	63.10864
683.187	564.7169	0	823.9155	351.1878	0	0	0	9.091837
794.9628	1480.715	2.090909	802.9563	0	0	0	1446.416	8.444444
270.3632	293.8195	0	336.3976	171.9894	0	0	0	6.061224
389.9469	471.9866	1.033333	397.2184	0	0	0	465.2953	3.166667
1040.898	154.2031	0	1035.07	125.6449	0	0	0	3.030612
519.9292	535.5433	1.033333	558.0227	0	0	0	509.5089	0
161.5263	232.0208	0	161.8692	0	0	0	230.5422	0
659.2703	401.1365	1.033333	0	0	0	0	565.1371	35.29805
384.2848	988.1977	0	0	0	0	0	1114.488	37.43733

250.2074	672.8604	1.045455	227.8948	0	0	0	673.7308	3.166667
563.6033	270.8974	0	605.5158	189.4973	0	0	0	5.05102
332.5542	631.7294	0	0	0	0	0	759.6611	42.28571
639.7074	858.3625	2.090909	0	0	0	0	1084.633	80.34286
582.3207	713.7104	0	0	0	0	0	977.0057	62.37143
306.7582	416.7652	0	361.2393	286.3056	0	0	0	8.081633
693.613	573.7242	1.045455	0	0	0	0	849.2843	77.01393
615.5962	383.424	2.066667	626.2171	295.5745	0	0	0	9.091837
319.2365	283.4003	2.066667	329.1522	229.6624	0	0	0	4.040816
361.8707	164.6223	2.066667	382.9758	119.4657	0	0	0	3.030612
650.9514	888.7518	2.066667	0	0	0	0	1175.542	75.05714
50.67492	131.83	0	53.82362	99.89801	0	0	0	0
307.7981	677.2435	1.033333	396.4317	435.6377	0	0	0	15.15306
540.7264	28.13165	0	537.2012	19.56765	0	0	0	2.020408
1113.688	170.8737	3.1	1112.7	135.9437	0	0	0	9.091837
1386.131	59.38904	1.033333	1349.731	70.03159	0	0	0	1.010204
255.8052	402.1784	2.066667	0	0	0	0	503.0457	26.74095
460.2972	1340.448	0	0	0	0	0	1516.504	49.20334
567.7627	255.2687	3.1	594.1949	0	0	0	38.66226	37.90746
684.1115	1207.563	1.045455	0	0	0	0	1487.037	74.87465
394.8421	680.2428	1.045455	0	0	0	0	848.2319	44.92479
349.3924	797.0635	0	0	0	0	0	944.613	34.88571
191.0867	343.8127	1.045455	189.5573	0	0	0	342.1289	1.055556
854.7637	634.525	0	0	0	0	0	991.3579	86.64067
1166.579	804.6904	1.045455	0	0	0	0	1282.124	134.2571
637.4332	433.4358	0	0	0	0	0	731.4158	77.01393
278.7121	816.2914	0	0	0	0	0	921.8997	19.25348
533.4474	388.6336	0	0	0	0	0	617.5512	57.08571
348.3901	156.0867	0	348.8185	110.1968	0	0	0	2.020408
525.7523	609.582	0	0	0	0	0	853.4939	42.78552
211.1455	495.6808	0	206.5962	0	0	0	497.9292	0
1384.059	110.7372	1.045455	1339.38	74.1511	0	0	0	9.091837
1124.35	1240.257	2.090909	1120	0	0	0	1293	4
812.9102	538.9211	2.090909	808.281	0	0	0	538.9846	0
377.9505	1116.864	1.045455	0	0	0	0	1272.348	42.78552
819.2446	479.8612	2.090909	824.2549	0	0	0	458.9791	2.111111
479.3748	362.5857	0	0	0	0	0	570.3991	60.96936
841.2455	335.496	0	935.8051	0	0	0	0	42.49254
787.1729	183.3767	1.033333	782.5127	136.9736	0	0	0	8.081633
662.3898	358.4181	0	0	0	0	0	653.5385	69.52646
689.4262	461.5675	6.2	0	0	0	0	779.8261	72.73538
371.6161	134.9939	1.045455	0	0	0	0	291.5139	37.43733
485.6347	460.8777	1.045455	0	0	0	0	664.0624	55.62117
533.1424	1072.569	1.045455	0	0	0	0	1296.553	41.71588
318.8297	782.5429	0	0	0	0	0	925.0569	25.67131
460.2972	880.6245	0	0	0	0	0	1079.759	45.99443
217.4799	643.3304	0	0	0	0	0	721.9443	23.53203

239.844	452.3662	1	206.3271	0	0	0	480.2833	1.125
205.4269	614.7254	0	212.6756	0	0	0	606.2593	2.25
280.7143	744.6127	1	250.7668	0	0	0	772.7275	2.25
338.7931	884.5775	0	303.6711	0	0	0	911.0761	2.25
245.2217	1119.718	0	210.5594	0	0	0	1159.654	1.125
74.54545	129.2112	0	0	0	0	0	162.2953	4
105.4286	148.6954	0	0	0	0	0	190.3848	17
122.4675	91.2682	0	0	0	0	0	144.6093	10
103.2987	257.3968	1	0	0	0	0	301.7028	9
86.25974	218.4284	0	0	0	0	0	258.0079	5
216.8633	38.32772	1.142857	0	0	0	0	103.9076	6.228814
209.5999	135.2117	0	0	0	0	0	225.8401	7.266949
463.8177	219.3198	1.142857	0	0	0	0	340.3505	13.49576
593.5206	637.7307	1.142857	0	0	0	0	888.5163	35.29661
253.1801	37.26306	0	0	0	0	0	107.0885	8.305085
457.5919	84.10806	1.142857	0	0	0	0	233.262	16.61017
336.19	189.5093	0	0	0	0	0	267.1911	7.266949
273.9326	216.1258	0	0	0	0	0	300.0598	8.305085
351.7543	332.1736	1.142857	0	0	0	0	463.3433	11.41949
660.9661	343.8849	0	0	0	0	0	542.8644	21.80085
648.5146	492.9371	0	0	0	0	0	763.4031	28.02966
532.3008	363.0487	0	0	0	0	0	549.2261	29.0678
123.4772	3.193977	0	0	0	0	0	41.351	3.114407
379.7702	427.9929	1.142857	0	0	0	0	553.4672	23.87712
364.2058	614.3082	1.142857	0	0	0	0	744.318	17.64831
229.3148	672.8645	0	0	0	0	0	717.8109	7.266949
167.3817	91.32558	0	233.4313	0	0	0	0	5.285714
149.7078	8.595349	0	153.1563	0	0	0	0	0
98.76557	149.3442	0	165.8313	0	0	0	0	12.68571
129.9547	174.0558	2	233.4313	0	0	0	0	9.514286
132.034	4.297674	0	135.2	0	0	0	0	2.114286
123.7169	200.9163	0	269.3438	0	0	0	0	6.342857
116.4394	64.46512	0	161.6063	0	0	0	0	1.057143
792.1545	408.9831	3.5	917.3131	0	0	0	0	68.68633
797.7886	512.3402	2.333333	1012.867	0	0	0	0	70.93834
1129.074	634.5906	0	1399.577	0	0	0	0	75.44236
1022.026	542.3472	0	1248.94	0	0	0	0	83.3244
823.7054	403.4263	0	982.5142	0	0	0	0	56.30027
775.2522	392.3126	1.166667	948.7895	0	0	0	0	65.30831
1646.436	447.7957	0	1541.451	0	417.9648	0	0	12.88889
1245.881	361.2372	5	1188.039	0	301.3503	0	0	15.03704
1768.683	523.9671	0	1687.51	0	460.6849	0	0	30.07407
189.5567	456.939	0	200.784	0	0	0	442.9223	0
195.8058	301.7317	1	235.1548	0	0	0	203.6796	22
347.8677	29.30488	0	340.249	0	0	0	0	4.4
245.7987	29.30488	0	253.112	0	0	0	0	6.6
265.5876	9.768293	0	268.6722	0	0	0	0	0

235.3835	240.9512	0	236.028	0	0	0	241.3981	0
1080.664	791.7425	3	946.8088	29.25373	187.7212	0	687.7676	7
1362.951	701.9684	2	1337.464	4.179104	32.32976	0	686.173	4
942.7526	701.9684	3	829.7995	29.25373	144.9625	0	632.5296	0
777.9056	209.8334	0	785.7884	0	0	0	213.75	0
399.7271	165.4872	0	356.1392	7.313433	23.9866	0	172.7798	2
165.2198	402.3462	1	0	0	0	0	463.1126	11.45833
99.13187	254.9934	10	0	0	0	0	301.3907	6.25
123.6484	293.6604	0	0	0	0	0	345.4967	7.291667
1064.646	162.3985	1.034483	1095.29	0	0	0	0	11.41884
1297.893	69.74809	1.034483	1253.982	0	0	0	0	10.38076
643.7634	105.1426	0	636.8445	0	0	0	0	15.57114
1524.921	218.6134	1.034483	1564.107	0	0	0	0	24.91383
741.209	206.1212	1.034483	802.7974	0	0	0	0	28.02806
950.6135	488.2366	1.034483	1102.55	0	0	0	0	60.20842
1132.028	206.1212	0	1176.192	0	0	0	0	17.64729
1401.559	173.8497	1.034483	1428.233	0	0	0	0	25.9519
1487.601	94.73248	20.68966	1442.754	0	0	0	0	11.41884
219.681	146.6497	0	230.4545	0	0	0	132.4206	0
313.0701	250.8849	1.034483	384.8034	0	0	0	0	26.98998
1335.213	420.5706	3.103448	1448.977	0	0	0	0	56.05611
471.6785	377.8889	5.172414	586.0214	0	0	0	0	43.5992
526.6212	138.4552	0	565.2773	0	0	0	0	13.49499
771.272	220.6954	1.034483	866.067	0	0	0	0	20.76152
1577.79	155.1114	1.034483	1564.107	0	0	0	0	17.64729
794.3917	780.0514	1	750.8021	0	0	0	803.9077	3
839.1608	652.123	1	816.4973	0	0	0	652.7188	3
650.714	400.4264	5	616.2834	0	0	0	417.0727	1
845.9113	386.217	16.55172	962.5271	0	0	0	0	50.86573
861.0248	1308.406	1	849.8663	0	0	0	1301.267	1
1362.166	803.6645	2.068966	1668.864	0	0	0	0	76.81764
741.2934	517.9541	0	724.7326	0	0	0	516.1275	5
1636.88	434.1038	2.068966	1614.225	0	0	0	428.5422	3
1784.085	533.0003	0	1946.444	0	0	0	0	50.10526
1087.994	1040.069	3	1064.679	0	0	0	1042.682	5
1032.509	594.4203	0	1229.661	0	0	0	0	53.17293
292.4177	83.27372	0	323.6083	0	0	0	0	6.228457
719.4392	309.1818	1.034483	822.8952	0	0	0	0	32.7218
380.4527	377.8889	0	352.4599	0	0	0	397.2618	1
955.1199	507.6457	4.25	977.5175	0	0	0	486.8421	5.666667
568.6491	237.7581	4.25	584.6144	0	0	0	221.4864	1.133333
867.7164	464.8064	2.125	861.648	0	0	0	463.3025	1.133333
743.456	563.3367	0	747.8851	0	0	0	555.321	3.4
543.3758	258.1068	2.125	531.9465	0	0	0	266.4257	1.133333
860.345	619.0278	1.0625	860.5946	0	0	0	616.31	0
964.5973	592.2533	1.0625	961.7171	0	0	0	588.4905	3.4
927.7405	529.0653	2.125	949.0768	0	0	0	501.8219	1.133333

268.1663	354.0911	0	261.5416	0	0	0	358.9226	0
389.6792	79.64358	2.666667	403.3152	0	0	0	0	17.71429
259.7861	787.8257	1.333333	248.0494	0	0	0	805.4136	2.333333
564.6158	626.386	1.333333	561.4841	0	0	0	631.3578	1.166667
287.0218	541.3611	0	243.8979	0	0	0	584.8708	3.5
512.2396	103.3214	2.666667	520.6432	0	0	0	0	12.17857
363.4911	273.3712	0	353.0687	0	0	0	272.4352	1.107143
1102	631	2	0	0	1030	0	675	12
819.7663	951.9857	2.083333	808.6426	0	0	0	941.6739	3.375
832.4431	1244.025	0	848.863	0	0	0	1226.777	1.125
668.7011	855.3321	1.041667	681.6307	0	0	0	842.8242	2.25
357.0632	245.2714	0	357.7503	0	0	0	238.2799	1.125
511.2975	434.4214	0	519.6905	0	0	0	422.4526	0
1095.487	322.1786	2.083333	0	0	0	0	556.7269	82.06579
935.9703	204.7393	5.208333	0	0	0	0	430.4372	69.27632
329.5968	94.575	0	0	0	0	0	164.1766	5.328947
178.5316	167.325	0	0	0	0	0	216.7972	12.78947
340.1608	281.6464	1.041667	0	0	0	0	388.3407	36.23684
62.32759	1279.361	1.041667	65.62283	0	0	0	1265.277	1.125
292.6228	439.6179	4.166667	0	0	0	0	532.5214	37.30263
271.4948	473.9143	1.041667	265.6666	0	0	0	472.3978	1.125
466.9287	1029.932	1.041667	460.4182	0	0	0	1023.875	2.25
620.1067	1386.407	2.083333	634.0012	0	0	0	1353.721	2.25
336.9916	460.4036	1.041667	328.1141	0	0	0	457.8304	1.125
575.7379	861.5679	2.083333	549.3266	0	0	0	875.0804	0
688.7727	907.2964	1.041667	693.2734	0	0	0	893.8099	2.25
824.9812	418.9122	1.25	781.2902	0	0	0	459.9057	3.6
1000.557	716.1677	0	960.8971	0	0	0	751.2176	1.2
1002.808	773.5529	2.5	941.8139	0	0	0	828.0597	6
845.24	756.3373	2.5	762.2069	0	0	0	841.8225	1.2
822.7302	546.3074	1.25	779.0451	0	0	0	588.3582	3.6
714.6836	813.7226	2.5	629.7468	0	0	0	910.6363	2.4
770.4801	364.0698	0	744.1906	0	0	0	379.4528	6
534.7362	337.0581	1	502.6449	0	0	0	368.8798	1
634.7836	409.8721	1	606.1645	0	0	0	434.6673	3
387.7633	18.19586	1	0	0	0	0	156.1875	34.35246
428.8578	336.0883	2	0	0	0	0	477.0625	60.37705
278.178	133.7931	2	0	0	0	0	248.625	41.63934
434.1263	255.8124	0	0	0	0	0	422.875	62.45902
401.4615	800.6179	2	0	0	0	0	922.25	35.39344
188.6131	7.492414	0	0	0	0	0	68	19.77869
1234.288	331.0275	2.04878	1222.455	0	0	18.43703	226.5536	15.84906
1134.966	266.4875	0	1181.443	0	0	11.26707	106.0021	23.24528
945.6326	548.5896	3.073171	924.973	0	0	36.87405	491.559	10.56604
857.6908	233.1766	1.02439	837.1832	0	0	0	247.1954	0
227.614	155.1041	1.02439	215.8842	0	0	14.33991	151.7286	1.115385
1294.296	530.8932	3.073171	1314.986	0	0	11.26707	418.4123	21.07765

1146.347	603.7608	1.02439	1122.094	0	0	0	615.381	2
976.6708	285.2249	0	985.5296	0	0	8.194234	272.9419	3.115385
564.8965	306.0443	0	566.7245	0	0	0	301.4324	2
1063.578	307.0853	3.073171	1047.769	0	0	0	316.0346	4
193.4719	68.70382	0	193.0373	0	0	0	69.88225	1
539.0313	644.3586	2.04878	513.1161	0	0	27.65554	650.5622	1.115385
1013.917	995.1644	1.02439	935.4982	0	0	50.18968	1035.08	2.230769
545.2389	391.4036	0	508.9444	0	0	28.67982	403.2239	1.115385
605.2462	988.9186	0	564.2191	0	0	49.1654	986.2357	0
405.5667	604.8018	0	376.4937	0	0	10.24279	621.4636	2.230769
705.6033	603.7608	0	635.1376	0	0	33.80121	642.2483	2.230769
1055.301	1027.434	0	953.2278	0	0	35.84977	1094.316	1.115385
835.964	488.2135	0	1008.251	0	0	7.169954	92.61309	47.60595
371.4246	539.2209	2.04878	323.3048	0	0	13.31563	580.9334	1.115385
240.0293	390.3626	1.02439	211.7125	0	0	21.50986	399.0669	0
404.5321	341.4372	1.02439	384.8371	0	0	22.53414	342.9481	1.115385
454.1933	528.8112	1.02439	406.7383	0	0	20.48558	554.9524	2.230769
649.7344	738.0456	1.02439	578.82	0	0	29.7041	767.996	1.115385
1291.192	928.5425	2.04878	1292.421	0	0	0	918.8994	3
1069.786	448.6568	3.073171	1052.175	0	0	56.33536	413.6162	5.576923
673.5304	175.9234	0	713.7445	0	0	0	0	24.30189
466.6086	149.8992	0	517.027	0	0	0	0	16.90566
444.8818	8.327736	0	431.5425	0	0	0	0	1.056604
254.5138	49.96641	0	265.7231	0	0	0	0	10.56604
115.8762	6.245802	0	111.2329	0	0	0	0	1.056604
347.6286	6.245802	2.04878	339.8783	0	0	0	0	3.169811
355.9055	5.204835	1.02439	347.0879	0	0	0	0	0
435.5704	11.45064	0	411.9737	0	0	0	0	1.056604
561.7927	24.98321	1.02439	537.6257	0	0	0	0	5.283019
976.6708	268.5695	0	1047.443	0	0	0	0	43.32075
136.5684	4.163868	0	127.7119	0	0	0	0	2.113208
814.2372	26.02417	0	787.8998	0	0	0	0	7.396226
411.7744	271.6924	2.04878	385.88	0	0	15.36419	283.7116	1.115385
518.3391	436.1652	0	489.1289	0	0	23.55842	441.6756	0
733.5377	353.9288	2.04878	854.8455	0	0	0	0	35.92453
244.1677	7.286769	1.02439	235.855	0	0	0	0	3.169811
524.5467	69.74479	1.02439	543.8053	0	0	0	0	6.339623
846.3101	708.8985	1.02439	1129.838	0	0	0	0	60.22642
996.3284	1043.049	2.04878	893.7814	0	0	129.0592	1015.334	2.230769
1044.215	547.2569	3.0625	1131.732	0	0	277.795	106.4285	17.36369
364.248	320.2701	0	369.8638	0	0	0	299.6531	1.052632
524.5171	470.0068	0	534.0169	0	0	0	431.9138	3.157895
518.4165	62.42331	0	535.645	0	0	31.33026	0	6.386917
839.8518	575.0304	1.052632	1060.528	0	0	178.5825	0	23.33741
973.2913	534.7326	3.0625	1161.9	0	0	101.3012	0	40.44032
472.5626	231.264	0	530.4958	0	0	133.6758	0	5.479551
937.823	84.76192	2.041667	919.0606	0	0	98.16814	0	3.269663

600.8743	523.2218	0	765.3611	0	0	297.6375	0	5.449438
959.7299	338.0013	2.041667	1006.889	0	0	240.1987	0	4.359551
1121.423	583.9155	3.0625	1369.064	0	0	0	0	54.88
733.3588	27.20753	0	696.3531	0	0	40.72934	0	6.539326
1233.044	407.0665	2.041667	1410.124	0	0	0	0	45.55446
1160.021	344.2799	2.041667	1222.277	0	0	239.1543	0	7.629213
651.4835	454.4092	0	653.4953	0	0	0	429.8472	2.105263
575.5118	262.0392	2.105263	583.8861	0	0	0	242.8224	1.052632
1116.208	830.8762	0	1255.736	0	0	586.9202	0	15.25843
936.7798	106.7372	1.020833	921.1518	0	0	97.1238	0	1.089888
515.3332	106.7372	0	570.7157	0	0	0	0	4.081633
1302.938	47.08996	4.083333	1271.703	0	0	0	0	10.20408
487.1672	111.9695	1.020833	534.529	0	0	0	0	10.20408
826.2022	152.7808	0	831.2323	0	0	120.0993	0	3.269663
649.904	69.06527	3.0625	645.1199	0	0	62.66052	0	1.089888
1412.472	320.2117	2.041667	1428.256	0	0	261.0855	0	5.449438
1455.243	64.8795	1.020833	1441.848	0	0	61.61618	0	5.449438
1193.403	492.8749	4.083333	1386.467	0	0	0	0	74.4898
497.5991	18.83598	0	485.1469	0	0	26.10855	0	0
881.491	15.69665	1.020833	862.5996	0	0	19.8425	0	2.179775
365.1146	9.417992	0	364.3106	0	0	10.44342	0	2.179775
799.0794	27.20753	0	768.1916	0	0	0	0	7.142857
992.0686	32.43975	0	948.0911	0	0	0	0	5.102041
474.5631	331.7083	1.052632	479.3373	0	0	0	319.2299	1.1
650.9472	461.4816	1.020833	817.8191	0	0	0	0	34.69388
518.4628	334.8619	1.020833	667.9028	0	0	0	0	34.69388
214.896	6.278661	1.020833	210.1606	0	0	10.44342	0	1.089888
933.6502	131.8519	1.020833	971.871	0	0	0	0	12.2449
1312.326	230.2176	0	1375.094	0	0	0	0	25.5102
854.3682	31.39331	10.20833	838.5513	0	0	49.08407	0	4.359551
596.7016	278.354	0	697.8861	0	0	0	0	31.63265
712.8853	623.9028	2.105263	693.6414	0	0	0	629.04	3.3
820.0783	696.6915	1.052632	765.0761	0	0	0	742.0788	3.3
689.9897	430.4929	0	646.0182	0	0	0	458.4351	1.1
366.3294	387.8596	0	339.5737	0	0	0	404.009	0
882.5208	460.6482	2.105263	890.3744	0	0	0	432.9471	4.210526
630.6694	514.7198	5.263158	648.3006	0	0	0	482.5448	5.263158
505.7843	673.815	0	464.8433	0	0	0	707.5392	0
600.4888	723.7273	1.052632	587.007	0	0	0	725.3323	2.2
574.4711	589.5882	3.157895	620.2491	0	0	0	522.843	1.052632
370.4922	383.7002	1.052632	337.5031	0	0	0	411.3356	0
310	536	1	295	0	0	0	558	2
677.1635	88.61178	0	679.0745	0	0	0	0	10.2375
1385.981	135.8714	1	1387.723	0	0	0	0	14.7875
1348.674	356.8101	1	1424.123	0	0	0	0	31.85
902.131	183.131	0	938.4196	0	0	0	0	9.1
813.9528	85.06731	1	808.747	0	0	0	0	11.375

833.1711	27.17428	0	790.5474	0	0	0	0	5.6875
1168.927	106.3341	3	1161.365	0	0	0	0	7.9625
352.7365	1122.117	3	271.3085	0	0	0	1198.675	4
374.4434	1208.27	2	274.5512	0	0	0	1296.7	2.666667
442.82	1297.614	1	309.1403	0	0	0	1425.624	1.333333
709.6591	341.2376	2	841.3086	0	0	0	0	37.925
564.3828	19.70673	0	558.4369	0	0	0	0	2.05
516.3058	142.0959	1	585.0863	0	0	0	0	29.5
794.3166	133.7983	0	828.1494	0	0	0	0	24.43707
339.6748	226.1088	1	458.8912	0	0	0	0	27.46552
672.0336	23.85552	0	652.3795	0	0	0	0	4.1
426.4226	19.70673	2	420.6543	0	0	0	0	1.025
774.4586	26.9671	0	766.1545	0	0	0	0	7.175
519.4412	190.8441	0	607.4958	0	0	0	0	23.575
572.744	293.5266	0	718.1394	0	0	0	0	30.75
286.372	209.5137	1	368.4639	0	0	0	0	31.775
505.8542	193.9557	1	589.7511	0	0	0	0	18.45
544.5249	15.55794	0	525.035	0	0	0	0	2.05
407.6098	324.6425	2	590.301	0	0	0	0	42.72414
283.2366	467.7755	3	571.5281	0	0	0	0	24.41379
440.0096	254.1131	0	569.4423	0	0	0	0	28.48276
557.0667	411.7669	0	814.5319	0	0	0	0	29.5
1010.663	19.70673	0	998.9235	0	0	0	0	5.125
936.4574	29.0415	1	917.5065	0	0	0	0	4.1
1425.589	41.48785	1	1407.052	0	0	0	0	6.15
189.1728	444.9572	0	416.4791	0	0	0	0	45.1
232.024	454.292	1	469.3206	0	0	0	0	53.91379
718.0204	453.2548	1	924.8132	0	0	0	0	42.025
316.6815	478.1475	2	591.8387	0	0	0	0	59.45
194.3985	471.9243	1	449.8809	0	0	0	0	26.65
414.9259	572.5324	1	693.088	0	0	0	0	36.9
482.8609	629.5782	0	827.0471	0	0	0	0	64.08621
1113.088	949.0346	2	1597.776	0	0	0	0	81.37931
997.0763	462.5896	0	1198.332	0	0	0	0	67.13793
1238.507	162.8398	2	1277.62	0	0	0	0	22.55
1375.422	458.4408	3	1568.574	0	0	0	0	61.03448
890.9113	509.9381	2	921.0523	0	0	0	480.9615	3.5
618.5991	623.2577	2	675.2959	0	0	0	574.6279	2.333333
557.4896	698.8041	1	649.6518	0	0	0	610.4106	1.166667
854.8004	669.8494	1.087719	732.6361	0	0	0	805.0248	3.681818
421.1149	414.9696	0	334.4643	0	0	0	498.2479	1.227273
632.7199	689.8607	0	510.7217	0	0	0	820.8926	0
728.0469	454.9921	1.087719	650.8782	0	0	0	531.0413	2.454545
465.112	912.0906	0	316.4138	0	0	0	1064.198	2.454545
694.5253	410.7567	1.087719	637.0749	0	0	0	477.0909	0
627.4821	340.1908	2.175439	589.2942	0	0	0	379.7686	3.681818
1162.78	259.0927	0	1158.414	0	0	0	275.0413	1.227273

1361.814	350.7231	2.175439	1322.992	0	0	0	405.157	2.454545
1323.055	361.2553	3.263158	1445.352	0	0	0	0	34.13808
1138.686	310.7006	1.087719	1246.643	0	0	0	0	30.93764
690.3351	121.1206	1.087719	718.4928	0	0	0	0	22.40312
1220.395	348.6166	4.350877	1205.133	0	0	0	380.8264	3.681818
1075.833	279.1039	0	1171.342	0	0	0	0	32.00445
1519.994	73.72557	1.087719	1497.644	0	0	0	0	26.67038
1417.334	133.7592	1.087719	1468.361	0	0	0	0	19.20267
500.7286	30.54345	1.087719	466	0	54	0	0	0
702.9057	110.5884	0	712.2177	0	0	0	0	13.8686
584.5326	37.91601	0	561.6166	0	0	0	0	5.334076
853.7528	25.27734	0	806.3434	0	0	0	0	13.8686
839.0871	84.25779	1.087719	820.9852	0	0	0	0	10.66815
670.4317	55.82079	2.175439	675.6133	0	0	0	0	8.534521
894.6072	214.8574	1.087719	982.0447	0	0	0	0	14.93541
937.5568	246.454	2.175439	1008.191	0	0	0	0	33.07127
522.7272	297.0087	1.087719	625.4129	0	0	0	0	13.8686
207.4148	8.425779	1.087719	194.5264	0	0	0	0	6.400891
1430.953	533.9838	2.175439	1586.347	57.4846	0	233.178	0	11.85938
1192.111	323.3393	1.087719	1216.652	57.4846	0	189.0632	0	3.234375
1366.004	908.9309	0	1308.127	0	0	0	971.1074	0
797.1851	358.0956	1.087719	828.1589	50.16838	0	207.9696	0	4.3125
763.6636	241.1879	0	755.0554	49.1232	0	147.0492	0	1.078125
872.6087	421.289	1.087719	843.0624	0	0	0	458.0496	4.909091
852.7053	541.3563	0	786.7875	0	0	0	613.5537	1.227273
1368.1	193.7929	3.263158	1276.179	83.61396	0	163.8548	0	4.3125
1292.676	142.185	0	1278.268	61.6653	0	78.77635	0	2.15625
1543.04	188.5268	2.175439	1448.495	91.97536	0	144.9485	0	10.78125
666.2415	82.15135	0	608.0371	51.21355	0	58.81967	0	8.557141
687.1924	119.0141	1.087719	654.7991	72.11704	0	64.07143	0	2.15625
759.4734	57.92723	1.087719	671.5084	105.5626	0	32.56089	0	1.078125
1008.79	83.20457	3.263158	902.3068	88.83984	0	70.37354	0	3.234375
426.3526	16.85156	0	399.5113	0	0	0	0	2.13363
757.3783	36.86278	2.175439	709.0802	0	0	0	0	5.334076
539.488	26.33056	1.087719	510.3704	0	0	0	0	11.73497
912.4156	32.64989	0	849.2229	0	0	0	0	7.467706
940.6994	176.9414	0	999.824	0	0	0	0	26.67038
1031.836	83.20457	0	958.701	53.3039	0	76.67564	0	5.390625
515.3943	18.958	1.087719	498.1486	15.67762	0	11.55386	0	3.234375
497.586	21.06445	1.087719	457.0325	0	0	0	0	13.8686
631.6723	41.07567	0	598.2211	0	0	0	0	11.73497
787.7572	53.71434	1.087719	770.2172	0	0	0	0	24.29268
789.8523	84.25779	1.087719	780.5974	0	0	0	0	16.19512
1151.257	96.89646	0	1112.775	0	0	0	0	13.8686
1725.314	250.6669	3.263158	1750.738	0	0	0	0	55.47439
1117.735	191.6865	0	1148.333	0	0	0	0	38.40535
600.2458	30.54345	0	581.6955	15.67762	0	21.00703	0	3.234375

777.2817	85.31101	1.087719	796.1679	0	0	0	0	12.14634
643.1954	60.03368	0	642.267	18.81314	0	22.05738	0	2.15625
651.5758	64.24657	0	630.7793	25.08419	0	34.66159	0	1.078125
1140.781	141.1318	1.087719	1163.63	0	0	0	0	15.18293
641.1003	49.50145	0	638.3875	0	0	0	0	15.18293
323.6928	31.59667	1.087719	323.7444	5.225873	0	15.75527	0	2.15625
783.567	88.47068	0	765.4987	33.44559	0	49.36651	0	2.15625
785.6621	63.19334	0	757.1441	20.90349	0	46.21546	0	0
970.0308	102.1626	0	954.5237	22.99384	0	56.71897	0	1.078125
722.8091	91.63035	0	719.5479	29.26489	0	49.36651	0	1.078125
832.8018	41.07567	2.175439	830.2476	8.361396	0	19.95667	0	1.078125
934.7894	197.1687	0	1006.051	0	0	0	0	21.15139
772.8157	392.2399	0	969.1797	0	0	0	0	26.43923
448.8683	669.1151	1.115385	773.8532	0	0	0	26.46505	37.01493
568.4959	453.0686	13.38462	781.6645	0	0	0	0	26.43923
385.3492	627.1644	2.230769	537.537	0	0	0	349.3386	12.63326
459.4548	405.8739	1.115385	665.7843	0	0	0	0	26.43923
310.1849	385.9473	1.115385	419.9292	0	0	0	195.8414	15.80597
684.9476	44.04833	1.115385	694.2276	0	0	0	0	7.402985
727.2937	246.4609	0	862.7806	0	0	0	0	26.43923
870.2117	392.2399	4.461538	1019.746	0	0	0	0	54.9936
975.0182	621.9205	1.115385	1265.856	0	0	0	13.76183	32.78465
655.3054	756.163	0	946.5164	0	0	0	173.6107	42.30277
370.5281	718.4073	0	449.515	0	0	0	608.6961	11.46055
756.9359	740.4315	1.115385	1120.877	0	0	0	0	32.78465
775.9917	636.6033	1.115385	935.2991	0	0	0	308.0532	24.32409
749.5254	909.2834	1.115385	857.1024	0	0	0	816.1821	0
715.6485	507.6046	0	969.9694	0	0	0	37.05107	38.07249
919.9683	300.9969	0	1040.815	0	0	0	0	21.15139
670.1265	440.4833	0	888.0635	0	0	0	0	29.61194
490.1557	60.82865	0	514.0866	0	0	0	0	5.287846
1252.385	84.95036	0	1264.147	0	0	0	0	8.460554
471.0045	663.2474	0	461.6796	0	0	0	667.6344	5
166.9925	281.5069	2.2	175.9287	0	0	0	269.1902	1
160.5697	442.5203	0	167.3988	0	0	0	431.5589	2
268.6867	613.1306	3.3	294.2808	0	0	0	578.9726	6
445.3133	634.4569	1.1	476.6069	0	0	0	598.2005	1
209.8111	300.7006	0	216.4456	0	0	0	300.1684	1
249.4183	520.3613	0	256.9626	0	0	0	515.9479	0
100.6237	193.0028	0	110.8884	0	0	0	178.3919	0
333.985	809.3324	2.2	334.7977	0	0	0	804.366	4
449.5952	783.7408	2.2	467.0108	0	0	0	760.5692	4
672.0993	675.0696	3	685.8325	0	0	45.09292	630.2849	2
747.616	867.7945	0	777.0622	0	0	48.23894	802.863	0
801.5566	730.4381	4	821.0671	0	0	60.82301	662.4423	4
702.306	710.2073	0	768.4759	0	0	51.38496	593.8399	2
1032.422	550.4905	1	1106.562	0	0	31.46018	470.5699	0

668.2286	251.9072	0	762.5973	0	0	0	0	15.04255
806.117	1417.242	3.25	0	0	0	0	1908.496	82.28571
669.2893	616.0083	0	16.5782	0	0	0	930.87	72.81073
323.5075	809.7016	1.083333	0	0	0	0	1014.818	22.15385
386.0876	675.2806	1.083333	0	0	0	0	910.6799	21.0989
972.6439	479.4704	1.083333	0	0	0	0	976.5634	101.2747
714.8985	356.6921	2.166667	0	0	0	0	732.1569	78.06593
296.4967	116.2714	0	268.6268	66.5858	0	0	48.8813	3.20989
1179.766	137.3884	2.083333	968.7825	108.4704	0	0	92.44942	28.57363
922.7919	456.1848	1.083333	0	0	0	0	904.3041	90.72527
388.209	224.3879	0	476.6233	0	0	0	0	23.6383
341.6158	400.1411	2	0	0	0	0	595.0767	24.26374
217.0012	626.3989	0	204.9762	0	0	0	622.2827	0
485.5671	30.3772	0	473.603	26.84911	0	0	0	2.2
903.1048	52.4511	0	893.265	40.81065	0	0	0	2.2
142.877	179.1208	0	135.5832	0	0	0	176.4527	0
609.1074	918.6486	0	0	0	0	0	1247.536	46.41758
531.7604	812.8521	0	512.4406	0	0	0	811.2646	0
435.8398	1075.292	0	0	0	0	0	1288.979	26.37363
696.1227	546.7897	0	139.1681	9.66568	0	0	840.5459	40.13297
186.7341	115.3474	0	187.7151	97.73077	0	0	0	1.1
196.5902	217.8779	1	0	0	0	0	323.0417	13.71429
421.0901	447.7174	0	0	0	0	0	643.958	49.58242
468.8207	21.16867	1.083333	476.8395	12.88757	0	0	0	1.1
868.6972	705.9751	0	0	0	0	0	1113.644	72.79121
1038.406	429.724	0	1168.763	0	0	0	0	44.05319
1199.629	173.5831	1.083333	1159.438	0	0	0	0	17.19149
705.7636	1237.819	3.151515	666.8127	0	0	0	1290.551	0
649.5992	651.932	1.050505	661.3826	0	0	0	650.6527	2
413.285	529.4284	1.050505	399.8694	0	0	0	534.419	0
566.9422	949.1362	1.050505	550.6092	0	0	0	973.2904	2
773.5847	428.2298	1.050505	776.4995	0	0	0	418.7583	2.333333
660.1963	1058.857	1.050505	649.4365	0	0	0	1075.459	0
404.8073	735.0213	0	392.5612	0	0	0	742.3024	2.111111
718.48	740.3476	0	738.4896	0	0	0	718.4066	0
527.7331	1046.074	1.050505	518.0288	0	0	0	1065.78	1
555.2855	1290.016	2.10101	490.8784	0	0	0	1366.908	3
899.6896	1076.966	2.10101	830.8009	0	0	0	1163.647	4
728.0174	562.4511	2.10101	755.8659	0	0	0	533.4277	3
811.7341	889.4823	1.050505	804.1414	0	0	0	868.895	5.104167
678.2112	766.9788	1.050505	712.4253	0	0	0	737.7649	3
411.1656	423.9688	1.050505	380.7629	0	0	0	459.6233	1.055556
779.9429	830.8937	1.050505	793.6571	0	0	0	792.8799	1.020833
517.1361	660.4539	1.050505	473.0041	0	0	0	712.0925	1.055556
758.7488	1060.987	2.10101	682.1556	0	0	0	1141.506	2.111111
346.5236	509.1887	0	333.5698	0	0	0	520.0433	1.055556
540.4496	602.9305	0	507.3264	0	0	0	641.9621	0

951.6151	252.4638	1.050505	1033.001	0	0	0	0	27.69948
488.524	708.3901	2.10101	486.4688	0	0	0	690.4706	2.041667
571.181	827.6979	1.050505	576.6333	0	0	0	802.3818	3.0625
506.539	547.5376	0	501.1468	0	0	0	535.2731	2.041667
915.5852	1027.965	1.050505	905.8385	0	0	0	1005.089	4.083333
628.4051	791.4795	1.050505	599.6987	0	0	0	806.6048	2.041667
686.6889	950.2015	2.10101	680.4273	0	0	0	940.6871	6.125
522.4346	659.3887	0	532.147	0	0	0	644.2	0
710.0024	426.0993	0	700.3004	0	0	0	416.4856	3.12
469.4493	878.8298	0	458.7917	0	0	0	874.7159	1.166667
773.5847	1531.827	0	723.7277	0	0	0	1565.561	1.166667
188.6275	568.8426	0	137.8529	0	0	0	623.886	1.166667
174.8513	670.0412	0	122.7752	0	0	0	728.0442	2.333333
118.687	350.4667	0	99.08177	0	0	0	364.5535	2.333333
592.3751	1166.447	2.10101	541.6221	0	0	0	1187.834	2.08
964.3316	629.5617	1.050505	946.432	0	0	0	613.3969	1.102041
510.7778	446.339	1.050505	481.5847	0	0	0	479.044	1.055556
740.7338	1264.45	2.10101	653.1961	0	0	0	1354.055	2.111111
814.9132	784.0227	0	812.5288	0	0	0	764.3742	3.0625
490.6434	514.5149	1.050505	507.4373	0	0	0	481.4291	3.0625
1351.124	415.4468	3.151515	1457.009	0	0	0	0	47.19171
764.0473	632.7575	2.10101	774.7855	0	0	0	606.0094	2.041667
744.9727	434.6213	0	698.3077	0	0	0	461.3673	4.408163
797.9579	874.5689	1.050505	755.8893	0	0	0	891.0619	4.408163
824.4505	352.5972	1.050505	781.0158	0	0	0	367.4047	4.408163
703.6442	361.1192	0	675.9697	0	0	0	382.4868	2.08
684.5695	1252.732	1.050505	666.8127	0	0	0	1277.645	2
652.7783	956.593	2.10101	646.1784	0	0	0	974.3659	1
609.3304	1030.095	1.050505	609.254	0	0	0	1038.893	2
502.3002	194.9404	0	507.2556	0	0	0	188.1224	1.166667
555.2855	739.2823	1.050505	546.5017	0	0	0	720.0287	7.714286
910.2866	986.4199	2.10101	901.6448	0	0	0	975.5273	2.041667
559.5243	705.1944	2.10101	530.5027	0	0	0	721.0878	3.0625
579.6587	501.7319	0	565.3465	0	0	0	501.4862	1.102041
770.4056	350.4667	1.050505	773.2924	0	0	0	331.4885	4.16
310.4936	441.0128	1.050505	325.8043	0	0	0	425.8818	2
400.5685	498.5362	2.10101	583.0116	0	0	0	0	48.21762
744.9727	659.3887	2.10101	709.824	0	0	0	678.854	1.102041
459.912	476.166	0	429.0287	0	0	0	503.8594	1.055556
592.3751	1050.335	6.30303	561.7213	0	0	0	1069.9	5.2
957.9734	134.2213	2.10101	986.2352	0	0	0	0	17.44041
740.7338	844.7419	3.151515	685.4904	0	0	0	881.8445	7.28
730.1368	909.722	1.050505	718.3429	0	0	0	917.2294	4.666667
1055.466	931.027	0	1013.436	0	0	0	925.902	7.714286
696.2262	626.366	3.151515	658.524	0	0	0	651.4042	2.204082
487.4643	800.0015	0	453.82	0	0	0	822.3465	3.12
360.2997	249.2681	0	362.7287	0	0	0	250.582	0

610.3901	801.0667	0	576.8629	0	0	0	809.7683	2.204082
840.3461	322.7702	0	914.5279	0	0	0	0	36.93264
595.5542	603.9958	0	609.5683	0	0	0	586.6867	3.5
438.7179	325.966	0	426.1038	0	0	0	328.3415	2.204082
554.2257	817.0454	3.151515	561.1044	0	0	0	802.4429	1.166667
760.8682	346.2057	0	737.0444	0	0	0	352.624	0
677.1515	341.9447	1.050505	655.8705	0	0	0	358.0501	2.08
659.1365	1129.163	1.050505	641.8344	0	0	0	1158.269	1
662.3157	270.5731	0	656.3136	0	0	0	260.7741	3.0625
594.4945	565.6468	0	596.6305	0	0	0	547.1686	2.08
619.9275	569.9078	1.050505	559.0649	0	0	0	609.1738	5.510204
768.2862	302.5305	1.050505	764.3013	0	0	0	290.3355	1.020833
730.1368	350.4667	1.050505	724.6311	0	0	0	342.1132	4.16
838.2267	559.2554	1.050505	844.1687	0	0	0	540.7938	9.36
501.2405	614.6483	1.050505	481.3243	0	0	0	631.1032	1.04
574.3601	821.3064	1.050505	533.1592	0	0	0	845.7207	1.04
761.9279	485.7532	1.050505	766.3981	0	0	0	461.3695	3.0625
678.2112	945.9405	1.050505	651.639	0	0	0	947.7172	2.08
724.8383	861.7859	0	654.2687	0	0	0	933.2727	4.222222
613.5692	706.2596	0	577.9098	0	0	0	725.3075	1.102041
497.0017	608.2568	3.151515	462.2829	0	0	0	632.1656	1.04
667.6142	736.0866	1.050505	647.0077	0	0	0	730.5863	3.306122
374.0759	556.0596	1.050505	366.8195	0	0	0	559.9636	2.111111
794.7788	456.9915	0	781.076	0	0	0	450.8119	3.0625
417.5238	725.4341	0	409.7224	0	0	0	728.2764	1.055556
920.8837	159.7872	1.050505	959.2151	0	0	0	0	20.51813
311.5533	405.8596	1.050505	326.8903	0	0	0	391.4671	1
358.1803	368.5759	1.050505	351.208	0	0	0	363.3624	2.08
472.6285	327.0312	2.10101	487.6204	0	0	0	310.8077	2
809.6147	378.1631	1.050505	777.875	0	0	0	392.7429	3.306122
444.0164	268.4426	1.050505	442.8548	0	0	0	256.5498	2.204082
394.1225	393.8465	1	401.9083	0	0	32.44444	358.1602	0
775.6999	931.4782	4	805.9044	0	0	40.55556	877.1271	2
536.2993	635.5724	1	541.7932	0	0	34.47222	598.326	1
871.8783	1270.103	1	936.3941	0	0	38.52778	1190.387	1
1774.663	835.52	0	1813.588	0	0	0	791.8189	1.333333
1881.337	760.48	2	1921.412	0	0	0	711.1811	2.666667
854.3461	836.299	0	783.9205	0	0	0	876.0169	3
567.0534	628.302	1	547.6705	0	0	0	639.4599	3
632.6895	376.119	1	635.7273	0	0	0	360.7764	1
533.6973	528.0754	1	513.3068	0	0	0	539.0042	2
245.3286	250.0275	0	243.767	0	0	0	249.519	0
493.8852	668.177	0	488.608	0	0	0	663.2236	0

LocalityCoc	LocalityNar	PrecinctNa	GE18SLLD	GE18SLLR	GE18SLLW	GE18USRD	GE18USRL	GE18USRR	GE18USRV
1	ACCOMACI	101 - CHIN	0	0	0	533.4371	0	1038.923	1
1	ACCOMACI	201 - ATLA	0	0	0	170.9293	0	482.1288	2
1	ACCOMACI	202 - GREE	0	0	0	307.4433	0	595.1944	1
1	ACCOMACI	301 - NEW	0	0	0	582.7657	0	489.5954	0
1	ACCOMACI	401 - BLOX	0	0	0	118.1592	0	285.864	0
1	ACCOMACI	402 - PARK	0	0	0	242.0543	0	418.1294	1
1	ACCOMACI	403 - SAXIS	0	0	0	39.004	0	130.1321	0
1	ACCOMACI	501 - MAP	0	0	0	330.3869	0	214.398	0
1	ACCOMACI	502 - RUE	0	0	0	351.036	0	115.1989	0
1	ACCOMACI	601 - ACCC	0	0	0	466.9009	0	568.5279	0
1	ACCOMACI	602 - TANG	0	0	0	16.06047	0	200.5314	2
1	ACCOMACI	701 - NAN	0	0	0	819.0841	0	885.3249	1
1	ACCOMACI	801 - BOBT	0	0	0	221.4051	0	359.4633	0
1	ACCOMACI	802 - MELF	0	0	0	395.7759	0	347.73	1
1	ACCOMACI	803 - WACI	0	0	0	158.3104	0	334.9302	0
1	ACCOMACI	901 - PAIN	0	0	0	976.2473	0	558.928	3
3	ALBEMARL	101 - WOO	0	0	0	1388.344	0	739.8762	7.726415
3	ALBEMARL	103 - BRAN	0	0	0	596.9427	0	209.9943	2.207547
3	ALBEMARL	104 - AGNC	0	0	0	1240.239	0	424.3408	2.207547
3	ALBEMARL	105 - DUNL	0	0	0	1807.787	0	632.1589	3.311321
3	ALBEMARL	106 - NORT	0	0	0	1485.573	0	990.1284	4.415094
3	ALBEMARL	201 - JACK	0	0	0	1561.322	0	958.5749	3.311321
3	ALBEMARL	202 - UNIV	0	0	0	2130	0	476.5673	3.311321
3	ALBEMARL	203 - GEOR	0	0	0	1513.838	0	392.7872	4.415094
3	ALBEMARL	301 - IVY	0	0	0	1958.153	0	997.7448	5.518868
3	ALBEMARL	302 - RED F	0	0	0	1309.204	0	787.7505	0
3	ALBEMARL	304 - EAST	0	0	0	457.8822	0	268.7491	2.207547
3	ALBEMARL	305 - COUN	0	0	0	1292.245	0	577.7563	2.207547
3	ALBEMARL	306 - PORT	0	0	0	678.344	0	389.5231	4.415094
3	ALBEMARL	307 - YELL	0	0	0	299.6019	0	205.6421	0
3	ALBEMARL	401 - SCOT	0	0	0	509.8886	0	569.0518	0
3	ALBEMARL	402 - MON	0	0	0	513.2803	0	503.7686	4.415094
3	ALBEMARL	405 - MOU	0	0	0	1635.94	0	604.9576	8.830189
3	ALBEMARL	406 - STON	0	0	0	1094.395	0	1104.374	8.830189
3	ALBEMARL	407 - BISCL	0	0	0	1065	0	320.9757	2.207547
3	ALBEMARL	501 - KESW	0	0	0	631.9905	0	411.2841	6.622642
3	ALBEMARL	502 - STON	0	0	0	590.1593	0	546.2027	3.311321
3	ALBEMARL	503 - HOLL	0	0	0	1120.398	0	609.3098	3.311321
3	ALBEMARL	504 - FREE	0	0	0	1162.229	0	491.8001	2.207547
3	ALBEMARL	506 - BAKE	0	0	0	1339.729	0	1027.122	3.311321
3	ALBEMARL	507 - PANT	0	0	0	1018.647	0	511.385	1.103774
3	ALBEMARL	601 - CROZ	0	0	0	1464.092	0	886.7634	6.622642
3	ALBEMARL	602 - FREE	0	0	0	557.3727	0	460.2465	1.103774
3	ALBEMARL	603 - EARL	0	0	0	1247.022	0	1114.167	8.830189
3	ALBEMARL	604 - BROV	0	0	0	1189.363	0	714.851	5.518868
3	ALBEMARL	606 - MECH	0	0	0	1550.016	0	879.147	5.518868

5 ALLEGHAN' 101 - ARRI	0	0	0	136.525	0	362.481	0
5 ALLEGHAN' 103 - DAMI	0	0	0	46.225	0	143.5257	0
5 ALLEGHAN' 201 - HUM	0	0	0	91.375	0	242.0032	0
5 ALLEGHAN' 202 - DOLL	0	0	0	126.85	0	288.0991	1
5 ALLEGHAN' 301 - CALL	0	0	0	56.975	0	237.8127	0
5 ALLEGHAN' 302 - GRIFF	0	0	0	170.925	0	377.1479	0
5 ALLEGHAN' 401 - LOW	0	0	0	136.525	0	253.5272	0
5 ALLEGHAN' 402 - JACKS	0	0	0	158.025	0	348.8618	0
5 ALLEGHAN' 501 - IRON	0	0	0	93.525	0	146.6686	1
5 ALLEGHAN' 502 - PETEI	0	0	0	164.475	0	470.3872	0
5 ALLEGHAN' 601 - DISTF	0	0	0	399.9	0	419.0532	0
5 ALLEGHAN' 701 - DISTF	0	0	0	310.675	0	273.4322	0
7 AMELIA CC 101 - NUM	0	0	0	322.1069	10.2	658.5959	0
7 AMELIA CC 201 - NUM	0	0	0	454.9345	12.24	783.1659	1.333333
7 AMELIA CC 301 - NUM	0	0	0	317.6793	12.24	829.7442	0
7 AMELIA CC 401 - NUM	0	0	0	313.2517	9.18	786.4155	2.666667
7 AMELIA CC 501 - NUM	0	0	0	518.0276	7.14	821.0785	0
9 AMHERST (101 - WRIG	0	0	0	501.4811	0	355.3973	1
9 AMHERST (102 - NEW	0	0	0	375.5681	0	758.2513	0
9 AMHERST (103 - COOL	0	0	0	130.2548	0	435.5463	1
9 AMHERST (201 - COUF	0	0	0	686.0088	0	1105.212	3
9 AMHERST (202 - TEMP	0	0	0	185.6131	0	499.8764	0
9 AMHERST (301 - MON	0	0	0	200.8095	0	548.3876	0
9 AMHERST (302 - ELON	0	0	0	448.2937	0	1381.515	0
9 AMHERST (303 - PLEA	0	0	0	113.973	0	318.4866	0
9 AMHERST (401 - AMEL	0	0	0	628.4795	0	1328.785	0
9 AMHERST (402 - LONC	0	0	0	140.0239	0	339.5785	0
9 AMHERST (501 - MADI	0	0	0	806.4945	0	1254.964	3
11 APPOMATZ 101 - VERA	0	0	0	106.6436	0	389.1858	1
11 APPOMATZ 102 - PAMI	0	0	0	247.7579	0	621.6454	3
11 APPOMATZ 201 - CHAP	0	0	0	142.1915	0	197.7484	0
11 APPOMATZ 202 - SPOU	0	0	0	196.0519	0	889.868	2
11 APPOMATZ 301 - US 4	0	0	0	158.3496	0	520.6675	1
11 APPOMATZ 302 - STON	0	0	0	211.1328	0	600.6083	0
11 APPOMATZ 401 - COUF	0	0	0	304.8499	0	830.9642	3
11 APPOMATZ 501 - OAKV	0	0	0	253.1439	0	622.6972	0
11 APPOMATZ 502 - AGEE	0	0	0	123.8789	0	235.6152	1
13 ARLINGTOI 001 - ARLIN	0	0	0	1635.763	0	282.864	1.19171
13 ARLINGTOI 002 - ASHT	0	0	0	1832.965	0	410.3846	5.958549
13 ARLINGTOI 003 - AURC	0	0	0	992.3292	0	367.4913	1.19171
13 ARLINGTOI 004 - BALLS	0	0	0	1722.987	0	490.3748	9.533679
13 ARLINGTOI 005 - BARC	0	0	0	1454.995	0	355.8985	8.341969
13 ARLINGTOI 006 - CRYST	0	0	0	1346.281	0	396.4733	2.38342
13 ARLINGTOI 007 - CHER	0	0	0	1685.064	0	460.2336	4.766839
13 ARLINGTOI 008 - HUM	0	0	0	1941.679	0	568.0465	9.533679
13 ARLINGTOI 009 - COLU	0	0	0	2387.911	0	536.746	8.341969
13 ARLINGTOI 010 - WILSI	0	0	0	2031.431	0	543.7016	3.57513

13 ARLINGTOI011 - EAST	0	0	0	1211.021	0	357.0578	5.958549
13 ARLINGTOI012 - FAIRL	0	0	0	1757.118	0	468.3485	3.57513
13 ARLINGTOI013 - GLEN	0	0	0	1160.456	0	304.8903	2.38342
13 ARLINGTOI014 - CLAR	0	0	0	1310.886	0	366.332	1.19171
13 ARLINGTOI015 - LYON	0	0	0	930.3877	0	238.8114	1.19171
13 ARLINGTOI016 - LYON	0	0	0	1691.384	0	431.2516	5.958549
13 ARLINGTOI017 - OVER	0	0	0	1769.759	0	510.0826	5.958549
13 ARLINGTOI018 - PARK	0	0	0	2487.776	0	626.0104	3.57513
13 ARLINGTOI019 - ROSS	0	0	0	1920.189	0	457.915	5.958549
13 ARLINGTOI020 - THRIF	0	0	0	1443.618	0	542.5424	5.958549
13 ARLINGTOI021 - VIRGI	0	0	0	852.0126	0	279.3861	3.57513
13 ARLINGTOI022 - ABIN	0	0	0	1917.66	0	478.782	11.9171
13 ARLINGTOI023 - WEST	0	0	0	1643.348	0	412.7032	7.150259
13 ARLINGTOI024 - WOO	0	0	0	2180.596	0	483.4192	5.958549
13 ARLINGTOI025 - ARLIN	0	0	0	1666.102	0	452.1186	5.958549
13 ARLINGTOI026 - FILLM	0	0	0	2232.425	0	486.897	10.72539
13 ARLINGTOI027 - JEFFE	0	0	0	1810.211	0	430.0923	3.57513
13 ARLINGTOI028 - WAKI	0	0	0	2028.902	0	397.6325	5.958549
13 ARLINGTOI029 - DOM	0	0	0	1709.082	0	432.4109	4.766839
13 ARLINGTOI030 - GLEB	0	0	0	1825.38	0	313.0052	5.958549
13 ARLINGTOI031 - LEXIN	0	0	0	1824.116	0	455.5965	0
13 ARLINGTOI032 - OAKR	0	0	0	693.9984	0	270.1119	1.19171
13 ARLINGTOI033 - ROCK	0	0	0	1631.971	0	591.2321	2.38342
13 ARLINGTOI034 - YORK	0	0	0	1510.616	0	453.2779	0
13 ARLINGTOI035 - MADI	0	0	0	1618.066	0	783.6723	4.766839
13 ARLINGTOI036 - MAR	0	0	0	1781.136	0	547.1795	2.38342
13 ARLINGTOI037 - NOTT	0	0	0	1552.332	0	461.3929	3.57513
13 ARLINGTOI038 - ARLIN	0	0	0	1687.592	0	270.1119	3.57513
13 ARLINGTOI039 - ASHL	0	0	0	969.5752	0	259.6784	1.19171
13 ARLINGTOI040 - VIRGI	0	0	0	2046.6	0	615.5769	9.533679
13 ARLINGTOI041 - NAVY	0	0	0	1616.801	0	412.7032	1.19171
13 ARLINGTOI042 - SHIRL	0	0	0	1476.485	0	297.9346	2.38342
13 ARLINGTOI043 - CAMI	0	0	0	1442.354	0	176.2103	5.958549
13 ARLINGTOI044 - DAW	0	0	0	1334.904	0	313.0052	0
13 ARLINGTOI045 - BUCK	0	0	0	1365.243	0	302.5717	0
13 ARLINGTOI046 - CENT	0	0	0	1985.923	0	523.9939	3.57513
13 ARLINGTOI047 - FOUR	0	0	0	1438.561	0	243.4485	1.19171
13 ARLINGTOI048 - AUSA	0	0	0	1267.906	0	395.314	4.766839
13 ARLINGTOI049 - MON	0	0	0	1002.442	0	259.6784	0
13 ARLINGTOI050 - CRYST	0	0	0	1437.297	0	432.4109	5.958549
13 ARLINGTOI051 - TAYL	0	0	0	475.3067	0	149.5469	0
13 ARLINGTOI052 - GUN	0	0	0	1343.753	0	304.8903	5.958549
13 ARLINGTOI053 - MET	0	0	0	1570.029	0	439.3666	2.38342
13 ARLINGTOI054 - GARF	0	0	0	853.2767	0	205.1923	5.958549
15 AUGUSTA (101 - JOLIV	0	0	0	311.509	0	550.8892	0
15 AUGUSTA (102 - STUA	0	0	0	335.1408	0	618.302	0
15 AUGUSTA (103 - VERO	0	0	0	443.6318	0	1094.405	1.037037

15 AUGUSTA (201 - CRIM	0	0	0	416.7776	0	1151.285	1.037037
15 AUGUSTA (202 - NEW	0	0	0	232.0205	0	789.9941	2.074074
15 AUGUSTA (203 - WEYE	0	0	0	469.4119	0	1109.152	2.074074
15 AUGUSTA (301 - FORT	0	0	0	715.3966	0	1688.481	2.074074
15 AUGUSTA (302 - NORT	0	0	0	139.642	0	494.0096	2.074074
15 AUGUSTA (303 - MOU	0	0	0	138.5678	0	646.7418	0
15 AUGUSTA (304 - CHUF	0	0	0	186.9054	0	569.8491	1.037037
15 AUGUSTA (401 - BUFF.	0	0	0	211.6113	0	625.6753	1.037037
15 AUGUSTA (402 - CHUF	0	0	0	210.5371	0	652.0085	3.111111
15 AUGUSTA (403 - CRAI	0	0	0	106.3427	0	452.9299	0
15 AUGUSTA (404 - DEER	0	0	0	54.78263	0	223.305	0
15 AUGUSTA (405 - CEDA	0	0	0	382.4042	0	726.7946	2.074074
15 AUGUSTA (501 - GREE	0	0	0	337.2891	0	1088.085	2.074074
15 AUGUSTA (502 - MIDC	0	0	0	180.4604	0	548.7826	0
15 AUGUSTA (503 - SPOT	0	0	0	149.3095	0	575.1157	1.037037
15 AUGUSTA (504 - WHIT	0	0	0	351.2533	0	1137.591	1.037037
15 AUGUSTA (601 - SHER	0	0	0	279.284	0	728.9012	0
15 AUGUSTA (602 - RIDGI	0	0	0	561.7905	0	1638.974	1.037037
15 AUGUSTA (603 - LYND	0	0	0	487.6728	0	1081.765	1.037037
15 AUGUSTA (801 - DOOI	0	0	0	302.9157	0	837.3937	0
15 AUGUSTA (802 - FISHE	0	0	0	697.1358	0	1386.176	2.074074
15 AUGUSTA (803 - WILSI	0	0	0	669.2074	0	995.3926	2.074074
17 BATH COUI101 - WARI	0	0	0	124.6653	0	185.2045	1
17 BATH COUI102 - MOU	0	0	0	8.748441	0	50.79896	2
17 BATH COUI201 - HOT	0	0	0	103.8877	0	159.805	3
17 BATH COUI301 - FAIR	0	0	0	55.77131	0	225.4204	0
17 BATH COUI302 - BURN	0	0	0	14.21622	0	51.85727	0
17 BATH COUI401 - MILL	0	0	0	108.262	0	281.5109	0
17 BATH COUI501 - HEAL	0	0	0	110.4491	0	261.403	1
19 BEDFORD (101 - GOOI	0	0	0	331.6667	0	1184.454	4.216216
19 BEDFORD (102 - HARC	0	0	0	166.9316	0	490.3384	1.054054
19 BEDFORD (103 - CHAN	0	0	0	276.755	0	842.7028	2.108108
19 BEDFORD (104 - STEW	0	0	0	233.9238	0	741.8757	4.216216
19 BEDFORD (201 - BEDF	0	0	0	154.851	0	439.3942	0
19 BEDFORD (202 - STAU	0	0	0	187.798	0	579.4909	1.054054
19 BEDFORD (203 - MON	0	0	0	433.8024	0	1151.552	1.054054
19 BEDFORD (204 - Quak	0	0	0	140.574	0	399.0633	3.162162
19 BEDFORD (205 - SAUN	0	0	0	331.6667	0	949.898	0
19 BEDFORD (301 - NEW	0	0	0	343.4627	0	1293.916	1.090909
19 BEDFORD (302 - BEDF	0	0	0	253.6921	0	806.6173	3.162162
19 BEDFORD (303 - BETH	0	0	0	168.0298	0	514.7492	0
19 BEDFORD (304 - RIVE	0	0	0	186.1346	0	537.4563	1.090909
19 BEDFORD (305 - HUD	0	0	0	113.1181	0	434.0875	0
19 BEDFORD (306 - FORE	0	0	0	172.8393	0	765.981	1.090909
19 BEDFORD (401 - FORE	0	0	0	422.1267	0	1334.119	0
19 BEDFORD (402 - THON	0	0	0	298.0369	0	695.0961	0
19 BEDFORD (403 - KNIG	0	0	0	594.966	0	1487.527	0

19 BEDFORD (404 - FORE	0	0	0 347.8944	0 1200.813	1.090909
19 BEDFORD (502 - BIG IS	0	0	0 110.7944	0 287.7719	0
19 BEDFORD (503 - SEDA	0	0	0 146.2486	0 408.3822	0
19 BEDFORD (504 - SUCK	0	0	0 187.2425	0 655.9506	0
19 BEDFORD (505 - BOON	0	0	0 536.2449	0 1059.043	1.090909
19 BEDFORD (506 - BOON	0	0	0 589.4262	0 1693.834	4.363636
19 BEDFORD (601 - MON	0	0	0 262.5827	0 750.1113	2.181818
19 BEDFORD (602 - SHAD	0	0	0 256.9868	0 808.74	1.054054
19 BEDFORD (603 - THAX	0	0	0 68.09051	0 236.6785	1.054054
19 BEDFORD (604 - BEDF	0	0	0 490.9106	0 997.6583	3.162162
19 BEDFORD (701 - GOOI	0	0	0 332.7649	0 1320.305	4.216216
19 BEDFORD (702 - LIBER	0	0	0 221.8433	0 632.5578	6.324324
19 BEDFORD (703 - THAX	0	0	0 150.4581	0 507.3198	1.054054
19 BEDFORD (704 - BEDF	0	0	0 661.1369	0 1012.517	2.108108
21 BLAND COI 101 - BAST	0	0	0 64.88223	0 267.6676	0
21 BLAND COI 102 - CERE'	0	0	0 69.20771	0 256.1662	0
21 BLAND COI 201 - DAVI'	0	0	0 20.54604	0 76.32708	0
21 BLAND COI 202 - SEDD	0	0	0 134.0899	0 462.1448	0
21 BLAND COI 301 - HOLL	0	0	0 50.82441	0 246.756	1
21 BLAND COI 302 - MECH	0	0	0 21.62741	0 140.1072	0
21 BLAND COI 401 - ROCK	0	0	0 143.8223	0 500.8311	0
23 BOTETOUR 101 - DALE'	0	0	0 538.643	0 1117.843	1
23 BOTETOUR 102 - GREE	0	0	0 445.0606	0 1406.831	3
23 BOTETOUR 201 - BLUE	0	0	0 421.1209	0 1205.704	0
23 BOTETOUR 202 - RAINI	0	0	0 443.9724	0 1245.929	1
23 BOTETOUR 301 - BUCH	0	0	0 348.2136	0 1027.865	2
23 BOTETOUR 302 - MILL	0	0	0 372.1533	0 978.1128	1
23 BOTETOUR 403 - EAGL	0	0	0 233.956	0 680.6564	1
23 BOTETOUR 406 - FINCA	0	0	0 562.5827	0 1383.543	0
23 BOTETOUR 501 - TROU	0	0	0 244.8377	0 692.3006	0
23 BOTETOUR 502 - CLOV	0	0	0 647.4597	0 1522.215	4
25 BRUNSWIC 101 - BROE	0	0	0 176.6747	0 139.7057	0
25 BRUNSWIC 102 - ROCK	0	0	0 204.6841	0 286.0116	1.142857
25 BRUNSWIC 103 - TILLM	0	0	0 226.2298	0 345.414	0
25 BRUNSWIC 201 - DROM	0	0	0 94.80106	0 99.00402	1.142857
25 BRUNSWIC 202 - EDGE	0	0	0 421.2183	0 151.8062	0
25 BRUNSWIC 203 - FITZH	0	0	0 325.34	0 157.3064	0
25 BRUNSWIC 301 - ALBEI	0	0	0 80.79636	0 74.80304	0
25 BRUNSWIC 302 - DANI	0	0	0 293.0215	0 290.4118	0
25 BRUNSWIC 303 - ELMC	0	0	0 144.3562	0 135.3055	1.142857
25 BRUNSWIC 304 - SEYM	0	0	0 147.588	0 115.5047	0
25 BRUNSWIC 401 - STUR	0	0	0 580.6565	0 332.2135	1.142857
25 BRUNSWIC 402 - KING'	0	0	0 242.3891	0 97.90397	1.142857
25 BRUNSWIC 501 - TOTA	0	0	0 728.2445	0 237.6096	2.285714
27 BUCHANAN 102 - BLAC	0	0	0 55.23857	0 220.1466	0
27 BUCHANAN 103 - HURL	0	0	0 87.93078	0 446.8322	0
27 BUCHANAN 201 - GRAS	0	0	0 36.07417	0 46.86288	0

27 BUCHANAN 202 - BULL	0	0	0 102.5859	0 260.4704	0
27 BUCHANAN 203 - ROCK	0	0	0 96.94932	0 273.5485	2
27 BUCHANAN 301 - SLATE	0	0	0 127.3869	0 319.3215	2
27 BUCHANAN 302 - NORTH	0	0	0 113.8591	0 307.3333	2
27 BUCHANAN 403 - SOUTH	0	0	0 204.0445	0 446.8322	0
27 BUCHANAN 404 - OAKV	0	0	0 14.65513	0 46.86288	0
27 BUCHANAN 501 - PRAT	0	0	0 151.0606	0 232.1348	0
27 BUCHANAN 502 - FOX	0	0	0 77.78492	0 54.49173	0
27 BUCHANAN 503 - VANS	0	0	0 111.6044	0 296.435	0
27 BUCHANAN 601 - COUN	0	0	0 99.20396	0 156.9362	0
27 BUCHANAN 602 - GARD	0	0	0 121.7503	0 276.818	0
27 BUCHANAN 603 - HURF	0	0	0 135.2781	0 125.331	0
27 BUCHANAN 701 - WHIT	0	0	0 188.2621	0 330.2199	0
27 BUCHANAN 702 - CONT	0	0	0 100.3313	0 308.4232	0
29 BUCKINGHAM 101 - NEW	0	0	0 396.2297	0 432.6604	1.142857
29 BUCKINGHAM 102 - GEOI	0	0	0 91.52046	0 142.0835	1.142857
29 BUCKINGHAM 201 - WHIT	0	0	0 258.4107	0 298.055	0
29 BUCKINGHAM 301 - CURC	0	0	0 265.9477	0 370.6992	1.142857
29 BUCKINGHAM 302 - NEW	0	0	0 128.1286	0 319.4209	0
29 BUCKINGHAM 401 - MAYC	0	0	0 394.0763	0 557.6512	2.285714
29 BUCKINGHAM 501 - WRIG	0	0	0 133.5122	0 291.6452	1.142857
29 BUCKINGHAM 502 - GLEN	0	0	0 318.7065	0 273.4841	0
29 BUCKINGHAM 601 - SLATE	0	0	0 485.5968	0 357.8796	1.142857
29 BUCKINGHAM 701 - GOLD	0	0	0 264.871	0 319.4209	0
31 CAMPBELL 101 - BROCK	0	0	0 505.5275	0 1345.261	3
31 CAMPBELL 102 - NEW	0	0	0 430.8716	0 1369.265	5
31 CAMPBELL 201 - WALSH	0	0	0 387.1445	0 982.0722	8
31 CAMPBELL 202 - BEDF	0	0	0 453.2683	0 1466.325	1
31 CAMPBELL 301 - EVING	0	0	0 178.1078	0 483.2087	2
31 CAMPBELL 302 - OTTE	0	0	0 152.5115	0 463.3794	0
31 CAMPBELL 303 - ALTA'	0	0	0 634.5757	0 1043.647	5
31 CAMPBELL 401 - THRE	0	0	0 236.7661	0 902.755	5
31 CAMPBELL 402 - COUF	0	0	0 476.7317	0 1568.602	2
31 CAMPBELL 501 - SPRIN	0	0	0 459.6674	0 1412.055	3
31 CAMPBELL 502 - YELLOW	0	0	0 371.1468	0 769.1681	5
31 CAMPBELL 601 - KING'	0	0	0 372.2133	0 799.4339	2
31 CAMPBELL 602 - CONC	0	0	0 490.5963	0 1306.647	4
31 CAMPBELL 701 - BROCK	0	0	0 314.6216	0 627.2321	1
31 CAMPBELL 702 - GLAD	0	0	0 413.8073	0 873.5329	3
31 CAMPBELL 703 - MORI	0	0	0 167.4427	0 416.4153	0
33 CAROLINE 101 - BOW	0	0	0 357.1366	0 725.2326	0
33 CAROLINE 102 - SPAR'	0	0	0 305.3464	0 517.8698	1.2
33 CAROLINE 201 - NORTH	0	0	0 506.0335	0 427.6186	0
33 CAROLINE 202 - SOUTH	0	0	0 520.06	0 640.3535	0
33 CAROLINE 301 - PORT	0	0	0 196.3712	0 281.4977	0
33 CAROLINE 302 - WOOD	0	0	0 551.3499	0 666.1395	0
33 CAROLINE 401 - DAW	0	0	0 937.6185	0 559.7721	0

33 CAROLINE I 402 - CARN	0	0	0	318.294	0	197.693	0
33 CAROLINE I 501 - WEST	0	0	0	664.641	0	392.1628	2.4
33 CAROLINE I 502 - MILF	0	0	0	338.7943	0	450.1814	2.4
33 CAROLINE I 601 - CHILE	0	0	0	540.5603	0	527.5395	0
33 CAROLINE I 602 - LAKE	0	0	0	338.7943	0	388.9395	0
35 CARROLL C 101 - MT B	0	0	0	101.2644	0	319.205	0
35 CARROLL C 102 - ST PA	0	0	0	114.1917	0	506.2888	0
35 CARROLL C 103 - LAME	0	0	0	66.79139	0	277.9832	0
35 CARROLL C 105 - FANC	0	0	0	151.8965	0	427.016	0
35 CARROLL C 201 - HILLS	0	0	0	332.8796	0	886.7981	0
35 CARROLL C 202 - LAUR	0	0	0	108.8053	0	313.9202	0
35 CARROLL C 203 - GLAD	0	0	0	163.7466	0	459.7821	1
35 CARROLL C 301 - HILLS	0	0	0	322.1068	0	967.1279	2
35 CARROLL C 302 - SYLV	0	0	0	115.269	0	378.3954	1
35 CARROLL C 303 - DUGS	0	0	0	70.02323	0	229.3626	0
35 CARROLL C 401 - OAKL	0	0	0	246.6972	0	726.1386	1
35 CARROLL C 402 - WOO	0	0	0	274.7065	0	721.9107	1
35 CARROLL C 406 - WOO	0	0	0	46.32306	0	126.8364	0
35 CARROLL C 501 - VAUC	0	0	0	68.94595	0	281.1541	0
35 CARROLL C 502 - GLAD	0	0	0	174.5194	0	685.9737	2
35 CARROLL C 503 - WOO	0	0	0	96.95524	0	343.5154	0
35 CARROLL C 504 - LAUR	0	0	0	95.87796	0	400.5918	0
36 CHARLES C 101 - PREC	0	0	0	629.0071	11	478.3827	0
36 CHARLES C 201 - PREC	0	0	0	746.663	7	313.4232	2
36 CHARLES C 301 - PREC	0	0	0	709.3299	8	432.1941	1
37 CHARLOTT I 101 - COUN	0	0	0	308.2523	0	438.8017	0
37 CHARLOTT I 201 - RED C	0	0	0	288.5766	0	421.1667	1
37 CHARLOTT I 302 - DRAK	0	0	0	212.0601	0	359.9626	2
37 CHARLOTT I 401 - KEYS	0	0	0	266.7147	0	455.3994	0
37 CHARLOTT I 501 - CULLI	0	0	0	237.2012	0	385.8966	3
37 CHARLOTT I 602 - PHEN	0	0	0	239.3874	0	489.6322	1
37 CHARLOTT I 702 - BACC	0	0	0	267.8078	0	337.1408	0
41 CHESTERFI I 101 - BELL	0	0	0	664.4144	19.75325	536.7014	2.294118
41 CHESTERFI I 102 - SOUT	0	0	0	972.5803	29.62987	944.6378	3.441176
41 CHESTERFI I 103 - ENON	0	0	0	1132.127	30.72727	1377.461	1.147059
41 CHESTERFI I 104 - NORT	0	0	0	913.5698	27.43506	1359.066	1.147059
41 CHESTERFI I 105 - DREV	0	0	0	882.4544	27.80096	517.4353	3.109756
41 CHESTERFI I 106 - HARR	0	0	0	1638.088	32.92208	1203.25	2.294118
41 CHESTERFI I 107 - WELL	0	0	0	1042.519	30.72727	865.6474	2.294118
41 CHESTERFI I 108 - ECOF	0	0	0	1127.756	29.62987	1670.7	2.294118
41 CHESTERFI I 109 - ELIZA	0	0	0	1595.469	46.09091	1460.78	1.147059
41 CHESTERFI I 110 - DUTC	0	0	0	668.7856	13.16883	737.9644	0
41 CHESTERFI I 111 - IRON	0	0	0	1664.314	35.11688	1606.858	3.441176
41 CHESTERFI I 112 - CARV	0	0	0	991.1577	29.62987	807.2162	1.147059
41 CHESTERFI I 201 - GATE	0	0	0	744.1879	27.43506	832.1036	4.588235
41 CHESTERFI I 202 - BEUL	0	0	0	1632.759	40.63217	746.6924	2.073171
41 CHESTERFI I 203 - BIRD	0	0	0	275.3823	13.16883	325.6998	2.294118

41 CHESTERFI	204 - JACO	0	0	0	823.4785	16.03901	562.4297	1.036585
41 CHESTERFI	205 - FALLI	0	0	0	1617.469	20.31608	640.6342	1.036585
41 CHESTERFI	206 - BELM	0	0	0	1146.754	12.83121	174.621	0
41 CHESTERFI	207 - CHIPF	0	0	0	549.3497	12.83121	184.2627	0
41 CHESTERFI	208 - MEAL	0	0	0	1476.582	18.17755	483.1539	1.036585
41 CHESTERFI	209 - SALEI	0	0	0	1234.849	38.40909	1103.7	6.882353
41 CHESTERFI	210 - FIVE I	0	0	0	1926.547	35.28583	906.3153	2.073171
41 CHESTERFI	211 - NASH	0	0	0	1091.694	27.43506	1867.634	1.147059
41 CHESTERFI	212 - ST. LL	0	0	0	617.0628	10.69268	632.0638	0
41 CHESTERFI	213 - SOUT	0	0	0	2716.168	37.42436	563.501	2.073171
41 CHESTERFI	214 - HOPK	0	0	0	241.3644	6.415605	38.56661	1.036585
41 CHESTERFI	215 - North	0	0	0	629.0764	10.69268	205.6886	0
41 CHESTERFI	301 - ETTRI	0	0	0	2032.584	18.65584	387.3772	1.147059
41 CHESTERFI	302 - DEER	0	0	0	383.3434	12.83121	534.576	0
41 CHESTERFI	303 - MATC	0	0	0	1315.715	19.75325	1206.496	2.294118
41 CHESTERFI	304 - WINF	0	0	0	785.7138	28.53247	1851.403	0
41 CHESTERFI	305 - BEAC	0	0	0	213.0934	8.779221	663.3023	0
41 CHESTERFI	306 - WINT	0	0	0	759.0419	27.80096	1822.272	3.109756
41 CHESTERFI	307 - COSB	0	0	0	1590.165	37.42436	1560.876	2.073171
41 CHESTERFI	308 - SOUT	0	0	0	493.6502	12.83121	326.7449	1.036585
41 CHESTERFI	309 - SKINC	0	0	0	1655.694	49.18631	2289.357	1.036585
41 CHESTERFI	310 - TOMI	0	0	0	1069.211	19.24682	1270.555	0
41 CHESTERFI	313 - WOO	0	0	0	1462.384	28.87022	1695.859	5.182927
41 CHESTERFI	315 - BAILE	0	0	0	784.1612	31.00876	1534.094	3.109756
41 CHESTERFI	316 - SPRIN	0	0	0	1018.973	38.49363	1099.148	0
41 CHESTERFI	317 - BIRKL	0	0	0	1304.023	18.17755	1498.741	0
41 CHESTERFI	318 - WEST	0	0	0	354.9476	7.484873	441.3734	1.036585
41 CHESTERFI	401 - HARB	0	0	0	766.6869	21.38535	763.8331	0
41 CHESTERFI	402 - GENI	0	0	0	1760.54	43.83997	1395.897	1.036585
41 CHESTERFI	403 - BRAN	0	0	0	1262.521	26.73169	1222.347	1.036585
41 CHESTERFI	404 - PROV	0	0	0	1174.058	31.00876	820.6117	3.109756
41 CHESTERFI	405 - LA PR	0	0	0	1198.085	29.93949	1075.58	2.073171
41 CHESTERFI	406 - SMOI	0	0	0	921.7717	18.17755	1044.512	0
41 CHESTERFI	407 - MON	0	0	0	605.0492	12.83121	731.6942	1.036585
41 CHESTERFI	408 - REAN	0	0	0	1949.482	41.70143	966.3078	3.109756
41 CHESTERFI	409 - MANI	0	0	0	697.8817	14.96975	494.9381	1.036585
41 CHESTERFI	410 - WAG	0	0	0	733.9225	14.96975	593.4972	1.036585
41 CHESTERFI	411 - SWIF	0	0	0	1159.86	21.38535	1102.362	3.109756
41 CHESTERFI	413 - SHEN	0	0	0	1147.846	26.73169	825.9682	2.073171
41 CHESTERFI	414 - CREN	0	0	0	1559.585	43.83997	1458.032	6.219512
41 CHESTERFI	415 - EVERI	0	0	0	1204.638	40.63217	1124.859	1.036585
41 CHESTERFI	416 - EVERI	0	0	0	690.2366	8.55414	503.5085	1.036585
41 CHESTERFI	417 - EDGE	0	0	0	631.2607	10.69268	572.0713	1.036585
41 CHESTERFI	501 - HUGI	0	0	0	915.2188	24.59315	674.9156	2.073171
41 CHESTERFI	502 - CRES	0	0	0	667.3015	18.17755	538.8612	3.109756
41 CHESTERFI	503 - MIDL	0	0	0	1063.751	23.52389	1177.353	5.182927
41 CHESTERFI	504 - ROBI	0	0	0	1622.93	27.80096	1794.419	1.036585

41 CHESTERFIELD 505 - BON	0	0	0	1368.46	25.66242	1033.799	4.146341
41 CHESTERFIELD 506 - GREE	0	0	0	1267.982	25.66242	950.2383	1.036585
41 CHESTERFIELD 507 - SALIS	0	0	0	1329.142	35.28583	1726.927	1.036585
41 CHESTERFIELD 508 - BELG	0	0	0	1103.068	23.52389	904.1727	2.073171
41 CHESTERFIELD 509 - CRAN	0	0	0	964.3654	24.59315	552.788	0
41 CHESTERFIELD 510 - SYCA	0	0	0	1132.556	32.07803	1249.13	1.036585
41 CHESTERFIELD 511 - BLAC	0	0	0	731.7382	20.31608	884.8894	1.036585
41 CHESTERFIELD 513 - BEAU	0	0	0	785.2534	20.31608	232.4709	0
41 CHESTERFIELD 514 - WATI	0	0	0	1277.811	34.21656	1386.255	3.109756
41 CHESTERFIELD 515 - DAVI	0	0	0	1495.149	21.38535	324.6023	0
41 CHESTERFIELD 516 - POCC	0	0	0	946.8911	12.83121	238.8987	0
41 CHESTERFIELD 517 - ROSE	0	0	0	490.3738	8.55414	650.2758	0
41 CHESTERFIELD 518 - MIDL	0	0	0	1136.925	24.59315	1533.023	2.073171
43 CLARKE CO 101 - RUSS	0	0	0	517.0581	0	979.5367	0
43 CLARKE CO 201 - BERR	0	0	0	643.1699	0	618.8289	1.1
43 CLARKE CO 301 - MILL	0	0	0	476.9317	0	617.7258	4.4
43 CLARKE CO 302 - PINE	0	0	0	197.1929	0	280.1828	2.2
43 CLARKE CO 401 - WHIT	0	0	0	600.7505	0	836.136	0
43 CLARKE CO 501 - BUCK	0	0	0	427.6334	0	585.7365	2.2
43 CLARKE CO 502 - BLUE	0	0	0	174.2635	0	233.8533	1.1
45 CRAIG CO 101 - COUF	80	300	1	79	0	302	0
45 CRAIG CO 201 - AMM	90	402	0	98	0	398	0
45 CRAIG CO 301 - GIVE	92	188	0	100	0	184	0
45 CRAIG CO 303 - MAR	77	160	0	77	0	159	0
45 CRAIG CO 401 - BARB	49	149	0	50	0	148	0
45 CRAIG CO 402 - PAIN	13	25	0	11	0	28	0
45 CRAIG CO 403 - CRAI	41	151	0	42	0	151	0
45 CRAIG CO 501 - CRAI	77	291	0	72	0	300	0
47 CULPEPER 101 - WEST	0	0	0	1293.65	45.55385	1069.616	0
47 CULPEPER 1201 - EAST	0	0	0	1226.33	39.04615	839.4185	1
47 CULPEPER 1302 - EGGB	0	0	0	360.1574	19.52308	804.0858	0
47 CULPEPER 1303 - CARD	0	0	0	322.0099	15.18462	599.5846	1
47 CULPEPER 1304 - WILL	0	0	0	236.739	9.761538	209.8546	2
47 CULPEPER 1401 - ELDO	0	0	0	453.2823	16.26923	807.2979	2
47 CULPEPER 1402 - BROV	0	0	0	760.7064	26.03077	1271.976	0
47 CULPEPER 1501 - JEFFE	0	0	0	615.9702	31.45385	1106.02	0
47 CULPEPER 1502 - RIXEY	0	0	0	525.0894	17.35385	1052.485	0
47 CULPEPER 1601 - MITC	0	0	0	113.3206	1.084615	177.734	0
47 CULPEPER 1602 - PEAR	0	0	0	746.1206	20.60769	1081.394	3
47 CULPEPER 1603 - SOUT	0	0	0	287.2284	11.93077	264.4597	2
47 CULPEPER 1702 - BRAN	0	0	0	587.9206	11.93077	1112.444	2
47 CULPEPER 1703 - LIGNI	0	0	0	264.7887	13.01538	539.6262	0
47 CULPEPER 1704 - RICH	0	0	0	116.6865	3.253846	303.0044	0
49 CUMBERLAND 101 - PREC	0	0	0	379.467	0	529.4424	2
49 CUMBERLAND 201 - PREC	0	0	0	286.2265	0	582.7063	0
49 CUMBERLAND 301 - PREC	0	0	0	479.2126	0	324.9093	0
49 CUMBERLAND 401 - PREC	0	0	0	308.9945	0	526.2466	2

49 CUMBERLA 501 - PREC	0	0	0	336.0993	0	386.6954	1
51 DICKENSO 101 - SOUT	0	0	0	337.4483	0	613.48	1.333333
51 DICKENSO 201 - NOR	0	0	0	103.1092	0	180.4353	0
51 DICKENSO 202 - FRYIN	0	0	0	42.18103	0	92.95151	0
51 DICKENSO 203 - CLINC	0	0	0	179.2694	0	260.2642	0
51 DICKENSO 301 - WEST	0	0	0	24.6056	0	152.0031	0
51 DICKENSO 302 - HERA	0	0	0	63.27155	0	217.6159	0
51 DICKENSO 303 - RIDGI	0	0	0	124.1997	0	344.4674	0
51 DICKENSO 401 - HAYS	0	0	0	384.3161	0	392.5834	1.333333
51 DICKENSO 501 - TARP	0	0	0	108.9677	0	138.8805	0
51 DICKENSO 502 - NORT	0	0	0	263.6315	0	471.3188	1.333333
53 DINWIDDIE 101 - WHIT	0	0	0	107.637	4.246914	334.5229	0
53 DINWIDDIE 102 - ROCK	0	0	0	185.3131	1.061728	470.8889	1
53 DINWIDDIE 103 - CHUF	0	0	0	205.287	4.246914	846.9608	0
53 DINWIDDIE 201 - ROHC	0	0	0	378.3938	7.432099	210.9412	0
53 DINWIDDIE 202 - SUTH	0	0	0	639.1638	9.555556	897.0327	1
53 DINWIDDIE 301 - REAN	0	0	0	160.9006	6.37037	301.4967	0
53 DINWIDDIE 302 - NEW	0	0	0	282.9631	5.308642	469.8235	1
53 DINWIDDIE 303 - LITTL	0	0	0	553.72	11.67901	498.5882	1
53 DINWIDDIE 401 - DINW	0	0	0	448.3024	13.80247	636.0196	1
53 DINWIDDIE 402 - MCKE	0	0	0	272.9762	8.493827	338.7843	0
53 DINWIDDIE 403 - CHER	0	0	0	255.2217	1.061728	193.8954	0
53 DINWIDDIE 501 - EDGE	0	0	0	162.0103	1.061728	49.00654	0
53 DINWIDDIE 502 - CHES	0	0	0	1104.111	11.67901	457.0392	1
57 ESSEX COU 101 - GREA	0	0	0	506.7226	0	488.5074	0
57 ESSEX COU 201 - NORT	0	0	0	654.6546	0	386.4148	0
57 ESSEX COU 301 - SOUT	0	0	0	448.2121	0	795.8828	2
57 ESSEX COU 401 - CENT	0	0	0	503.4107	0	642.1951	0
59 FAIRFAX CC 104 - CHAP	0	0	0	1141.448	24.63238	595.0865	1.167665
59 FAIRFAX CC 105 - FAIRV	0	0	0	2264.986	60.4613	1003.705	3.502994
59 FAIRFAX CC 106 - HERIT	0	0	0	1667.994	36.94857	542.1388	2.335329
59 FAIRFAX CC 108 - KING'	0	0	0	1140.254	43.6665	576.6699	1.167665
59 FAIRFAX CC 109 - LITTL	0	0	0	686.5402	22.39308	333.801	1.167665
59 FAIRFAX CC 110 - NORT	0	0	0	1887.687	43.6665	910.4709	4.670659
59 FAIRFAX CC 113 - CANT	0	0	0	1933.058	35.82892	897.8095	8.173653
59 FAIRFAX CC 114 - OLDE	0	0	0	884.7413	36.94857	453.5089	2.335329
59 FAIRFAX CC 115 - RAVE	0	0	0	823.8482	31.35031	441.9985	4.670659
59 FAIRFAX CC 116 - WAKI	0	0	0	1210.699	29.111	501.8525	2.335329
59 FAIRFAX CC 117 - WOO	0	0	0	1260.846	38.06823	639.977	8.173653
59 FAIRFAX CC 118 - LAKE	0	0	0	2021.413	61.58096	732.06	9.341317
59 FAIRFAX CC 119 - LAUR	0	0	0	1898.433	50.38442	898.9605	5.838323
59 FAIRFAX CC 120 - SIDEE	0	0	0	1374.274	31.35031	879.3929	2.335329
59 FAIRFAX CC 121 - VILLA	0	0	0	876.3834	39.18788	456.962	4.670659
59 FAIRFAX CC 123 - ROBII	0	0	0	1922.312	51.50407	872.4867	4.670659
59 FAIRFAX CC 125 - SIGN	0	0	0	1460.241	41.42719	694.0758	5.838323
59 FAIRFAX CC 126 - BONI	0	0	0	1211.893	43.6665	461.5662	4.670659
59 FAIRFAX CC 127 - BURK	0	0	0	2196.929	61.58096	871.3356	5.838323

59 FAIRFAX CC 128 - CARD	0	0	0	1134.284	25.75204	453.5089	2.335329
59 FAIRFAX CC 129 - KEEN	0	0	0	865.6376	22.39308	366.03	0
59 FAIRFAX CC 130 - TERR.	0	0	0	1167.715	26.87169	576.6699	2.335329
59 FAIRFAX CC 131 - EAGL	0	0	0	1571.281	45.9058	706.7372	3.502994
59 FAIRFAX CC 132 - MON	0	0	0	1896.045	43.6665	634.2218	3.502994
59 FAIRFAX CC 133 - DANE	0	0	0	398.7903	7.837576	125.4631	0
59 FAIRFAX CC 134 - UNIV	0	0	0	1672.77	58.222	268.1918	3.502994
59 FAIRFAX CC 201 - Arms	0	0	0	1905.597	61.58096	766.5912	5.838323
59 FAIRFAX CC 202 - FLINT	0	0	0	1374.274	34.70927	773.4974	4.670659
59 FAIRFAX CC 203 - FLOR	0	0	0	1814.854	31.35031	844.8617	3.502994
59 FAIRFAX CC 204 - MAD	0	0	0	465.6533	11.19654	139.2756	0
59 FAIRFAX CC 208 - REST	0	0	0	1906.791	52.62373	532.9305	4.670659
59 FAIRFAX CC 209 - REST	0	0	0	1764.707	52.62373	441.9985	3.502994
59 FAIRFAX CC 213 - VIEN	0	0	0	1930.67	49.26477	869.0335	3.502994
59 FAIRFAX CC 214 - VIEN	0	0	0	1533.074	30.23065	694.0758	5.838323
59 FAIRFAX CC 216 - VIEN	0	0	0	804.7445	27.99134	315.3844	2.335329
59 FAIRFAX CC 218 - VIEN	0	0	0	1179.655	24.63238	407.4674	3.502994
59 FAIRFAX CC 219 - WEST	0	0	0	1665.606	40.30754	787.3099	2.335329
59 FAIRFAX CC 220 - DOG	0	0	0	2177.825	52.62373	641.1281	3.502994
59 FAIRFAX CC 221 - HUN	0	0	0	1467.405	32.46996	543.2898	3.502994
59 FAIRFAX CC 222 - REST	0	0	0	1322.933	36.94857	265.8897	1.167665
59 FAIRFAX CC 223 - GLAD	0	0	0	2060.814	62.70061	639.977	7.005988
59 FAIRFAX CC 224 - SOUT	0	0	0	2614.823	68.29888	695.2268	9.341317
59 FAIRFAX CC 225 - HUG	0	0	0	2147.975	57.10234	492.6442	4.670659
59 FAIRFAX CC 226 - WOL	0	0	0	1659.636	30.23065	855.2211	7.005988
59 FAIRFAX CC 227 - SUNR	0	0	0	833.4001	32.46996	441.9985	2.335329
59 FAIRFAX CC 229 - FOX	0	0	0	2267.441	0	1334.41	10.16883
59 FAIRFAX CC 233 - NOR	0	0	0	1591.579	30.23065	810.3306	10.50898
59 FAIRFAX CC 234 - ALDR	0	0	0	1486.509	26.87169	546.743	2.335329
59 FAIRFAX CC 235 - FRY	0	0	0	1540.238	22.39308	455.811	1.167665
59 FAIRFAX CC 236 - STUA	0	0	0	727.1356	19.03411	288.9105	1.167665
59 FAIRFAX CC 237 - MCN	0	0	0	1715.753	55.98269	439.6964	7.005988
59 FAIRFAX CC 238 - CAM	0	0	0	1572.475	43.6665	712.4924	3.502994
59 FAIRFAX CC 240 - COLV	0	0	0	1074.454	0	766.2713	5.649351
59 FAIRFAX CC 301 - CHAI	0	0	0	1297.502	0	856.9826	1.12987
59 FAIRFAX CC 302 - CHES	0	0	0	1166.746	0	688.4403	1.134545
59 FAIRFAX CC 303 - CHUF	0	0	0	720.1262	0	392.6842	0
59 FAIRFAX CC 304 - COOF	0	0	0	797.8743	0	582.4617	2.25974
59 FAIRFAX CC 305 - EL NII	0	0	0	1064.149	0	468.6022	2.269091
59 FAIRFAX CC 306 - GRE	0	0	0	806.7962	0	719.7221	1.12987
59 FAIRFAX CC 307 - HAYC	0	0	0	1182.255	0	541.4959	3.403636
59 FAIRFAX CC 309 - KENN	0	0	0	1421.134	0	1021.695	3.38961
59 FAIRFAX CC 310 - KIRBY	0	0	0	962.7446	0	430.4198	2.269091
59 FAIRFAX CC 311 - LANG	0	0	0	746.8919	0	649.3016	1.12987
59 FAIRFAX CC 312 - LONG	0	0	0	1150.044	0	598.191	4.538182
59 FAIRFAX CC 314 - MCLE	0	0	0	1036.217	0	614.6881	5.649351
59 FAIRFAX CC 315 - PIMM	0	0	0	1538.96	0	717.3664	4.538182

59 FAIRFAX CC 316 - SALO	0	0	0	386.5294	0	236.0367	0
59 FAIRFAX CC 317 - WEST	0	0	0	1104.711	0	504.4705	3.403636
59 FAIRFAX CC 318 - WEST	0	0	0	660.9176	0	335.5423	0
59 FAIRFAX CC 319 - HERN	0	0	0	1884.105	71.65784	814.9348	5.838323
59 FAIRFAX CC 320 - HERN	0	0	0	2126.484	88.45265	699.831	1.167665
59 FAIRFAX CC 321 - CLEA	0	0	0	2055.865	0	1127.923	9.038961
59 FAIRFAX CC 322 - FORE	0	0	0	1166.222	0	1068.244	4.519481
59 FAIRFAX CC 323 - SHOL	0	0	0	1091.023	0	646.9144	0
59 FAIRFAX CC 324 - HERN	0	0	0	1830.376	67.17923	561.7064	0
59 FAIRFAX CC 325 - HUTC	0	0	0	1262.04	24.63238	268.1918	1.167665
59 FAIRFAX CC 327 - SUGA	0	0	0	1721.93	0	1032.437	4.519481
59 FAIRFAX CC 328 - HICK	0	0	0	1331.915	0	989.4687	4.519481
59 FAIRFAX CC 329 - SENE	0	0	0	1399.466	0	1099.277	3.38961
59 FAIRFAX CC 331 - SPRIN	0	0	0	899.8391	0	594.3974	1.12987
59 FAIRFAX CC 332 - COAT	0	0	0	1855.449	49.26477	473.0765	4.670659
59 FAIRFAX CC 333 - SALO	0	0	0	763.5149	0	389.9233	3.403636
59 FAIRFAX CC 401 - BUSH	0	0	0	1614.118	0	726.6227	3.403636
59 FAIRFAX CC 402 - CAMI	0	0	0	631.0928	0	225.6233	0
59 FAIRFAX CC 403 - FORE	0	0	0	657.3386	0	259.1775	0
59 FAIRFAX CC 404 - FRAN	0	0	0	1837.208	0	636.3734	4.538182
59 FAIRFAX CC 405 - GROV	0	0	0	1056.991	0	277.6902	3.403636
59 FAIRFAX CC 406 - HAYF	0	0	0	1072.5	0	661.8283	1.134545
59 FAIRFAX CC 408 - MOU	0	0	0	1374.327	0	317.0297	2.269091
59 FAIRFAX CC 409 - PION	0	0	0	1861.068	0	617.8607	2.269091
59 FAIRFAX CC 410 - ROSE	0	0	0	2121.14	0	1017.04	10.21091
59 FAIRFAX CC 411 - VIRGI	0	0	0	1188.22	0	441.9903	4.538182
59 FAIRFAX CC 413 - FAIRF	0	0	0	1360.011	0	196.6972	1.134545
59 FAIRFAX CC 415 - CRES	0	0	0	1197.764	0	578.5213	4.538182
59 FAIRFAX CC 417 - GARF	0	0	0	1692.856	0	696.5396	9.076364
59 FAIRFAX CC 418 - LYNB	0	0	0	1039.096	0	349.4268	3.403636
59 FAIRFAX CC 419 - LANE	0	0	0	1892.085	0	544.967	4.538182
59 FAIRFAX CC 420 - VILLA	0	0	0	2108.017	0	747.4495	9.076364
59 FAIRFAX CC 421 - KING	0	0	0	1789.488	0	630.5882	6.807273
59 FAIRFAX CC 422 - VAN I	0	0	0	1956.507	0	629.4311	7.941818
59 FAIRFAX CC 423 - CLERI	0	0	0	1375.52	0	628.2741	0
59 FAIRFAX CC 424 - HUNT	0	0	0	1369.555	0	607.4473	7.941818
59 FAIRFAX CC 426 - GREE	0	0	0	1004.14	3.358961	496.0973	0
59 FAIRFAX CC 427 - ISLAN	0	0	0	1389.836	0	536.8677	3.403636
59 FAIRFAX CC 428 - PINE	0	0	0	1703.593	0	271.905	3.403636
59 FAIRFAX CC 429 - HYBL	0	0	0	1668.996	0	269.5909	5.672727
59 FAIRFAX CC 501 - BAILE	0	0	0	1827.664	0	460.5029	0
59 FAIRFAX CC 502 - BARC	0	0	0	674.6003	21.27342	269.3428	3.502994
59 FAIRFAX CC 503 - BELVI	0	0	0	878.7714	24.63238	286.6084	1.167665
59 FAIRFAX CC 504 - BRIST	0	0	0	1264.428	19.03411	380.9935	2.335329
59 FAIRFAX CC 505 - GLEN	0	0	0	1447.099	0	440.8332	4.538182
59 FAIRFAX CC 506 - HOLN	0	0	0	283.9321	0	92.5634	4.538182
59 FAIRFAX CC 507 - LINCC	0	0	0	1701.207	0	517.198	5.672727

59 FAIRFAX CC 508 - MASC	0	0	0	1396.96	41.42719	552.4981	5.838323
59 FAIRFAX CC 509 - PLAZA	0	0	0	683.5844	0	100.6627	1.134545
59 FAIRFAX CC 510 - PARK	0	0	0	1090.395	0	433.891	4.538182
59 FAIRFAX CC 511 - RAVE	0	0	0	1265.622	42.54684	462.7172	5.838323
59 FAIRFAX CC 512 - SLEEP	0	0	0	762.9551	25.75204	295.8167	2.335329
59 FAIRFAX CC 513 - SAINT	0	0	0	1273.65	21.27342	495.859	1.134545
59 FAIRFAX CC 514 - CROS	0	0	0	690.7424	0	135.374	1.134545
59 FAIRFAX CC 515 - WEST	0	0	0	888.7791	0	325.129	2.269091
59 FAIRFAX CC 516 - WEYER	0	0	0	1636.785	0	470.9163	5.672727
59 FAIRFAX CC 517 - WILLIS	0	0	0	813.6206	0	314.7156	4.538182
59 FAIRFAX CC 518 - COLU	0	0	0	1254.876	39.18788	492.6442	4.670659
59 FAIRFAX CC 519 - HUM	0	0	0	919.3668	27.99134	379.8425	1.167665
59 FAIRFAX CC 520 - SKYLI	0	0	0	1485.275	0	271.905	5.672727
59 FAIRFAX CC 521 - BROCK	0	0	0	918.6039	0	507.9417	5.672727
59 FAIRFAX CC 522 - CAMI	0	0	0	704.4499	12.31619	382.1445	1.167665
59 FAIRFAX CC 523 - POE	0	0	0	1251.449	0	554.2234	7.941818
59 FAIRFAX CC 525 - WALTON	0	0	0	1697.628	0	731.2509	7.941818
59 FAIRFAX CC 526 - BREN	0	0	0	1905.208	0	483.6438	3.403636
59 FAIRFAX CC 527 - EDSA	0	0	0	1009.271	0	476.7015	4.538182
59 FAIRFAX CC 528 - RIDGE	0	0	0	639.9748	14.5555	301.5719	2.335329
59 FAIRFAX CC 530 - HOLM	0	0	0	999.3637	17.91446	210.6399	2.335329
59 FAIRFAX CC 601 - BELLE	0	0	0	983.0254	0	540.3389	6.807273
59 FAIRFAX CC 602 - BELLE	0	0	0	1141.693	0	502.1565	7.941818
59 FAIRFAX CC 604 - BUCK	0	0	0	1880.155	0	475.5445	3.403636
59 FAIRFAX CC 605 - FORT	0	0	0	1109.483	0	630.5882	2.269091
59 FAIRFAX CC 606 - HOLL	0	0	0	1274.115	0	689.5974	6.807273
59 FAIRFAX CC 607 - HUNTER	0	0	0	2056.718	0	597.034	6.807273
59 FAIRFAX CC 608 - KIRKS	0	0	0	1092.781	0	322.8149	2.269091
59 FAIRFAX CC 609 - MARI	0	0	0	1045.061	0	590.0917	3.403636
59 FAIRFAX CC 610 - SHER	0	0	0	1074.886	0	369.0966	2.269091
59 FAIRFAX CC 611 - STRA	0	0	0	1350.467	0	719.6805	2.269091
59 FAIRFAX CC 612 - WAYNE	0	0	0	644.2157	0	357.5261	3.403636
59 FAIRFAX CC 613 - WEST	0	0	0	1339.73	0	1172.084	1.134545
59 FAIRFAX CC 614 - RIVER	0	0	0	905.481	0	598.191	2.269091
59 FAIRFAX CC 615 - WOOD	0	0	0	1375.52	0	667.6135	5.672727
59 FAIRFAX CC 616 - GUNN	0	0	0	960.3586	0	782.1608	2.269091
59 FAIRFAX CC 617 - LORT	0	0	0	1241.905	0	273.062	0
59 FAIRFAX CC 618 - NEWI	0	0	0	2534.826	76.13646	1007.158	3.502994
59 FAIRFAX CC 619 - BELVUE	0	0	0	1682.119	0	716.2093	4.538182
59 FAIRFAX CC 621 - GROSS	0	0	0	1272.923	0	370.2536	4.538182
59 FAIRFAX CC 622 - LORT	0	0	0	1878.962	0	485.9579	6.807273
59 FAIRFAX CC 623 - ALBA	0	0	0	1548.504	0	556.5375	2.269091
59 FAIRFAX CC 626 - SARA	0	0	0	1689.277	0	777.5326	6.807273
59 FAIRFAX CC 627 - WOOD	0	0	0	2061.49	0	579.6783	3.403636
59 FAIRFAX CC 628 - LAUR	0	0	0	2124.096	36.94857	521.4201	1.167665
59 FAIRFAX CC 629 - SOUTH	0	0	0	1438.749	36.94857	839.1066	2.335329
59 FAIRFAX CC 630- ARMY	0	0	0	382.9504	0	164.3	1.134545

59 FAIRFAX CC 701 - BLAK	0	0	0	2210.062	69.41853	738.9663	2.335329
59 FAIRFAX CC 703 - FORT	0	0	0	1142.886	0	365.6254	3.403636
59 FAIRFAX CC 704 - FREE	0	0	0	1112.792	20.15377	423.5819	2.335329
59 FAIRFAX CC 705 - GRAF	0	0	0	1943.384	0	659.5142	6.807273
59 FAIRFAX CC 707 - MAN	0	0	0	1134.284	21.27342	445.4516	3.502994
59 FAIRFAX CC 708 - MAR	0	0	0	2521.985	0	791.4171	5.672727
59 FAIRFAX CC 709 - MOSI	0	0	0	1688.292	53.74338	497.2483	1.167665
59 FAIRFAX CC 710 - PINE	0	0	0	1241.905	0	437.3621	3.403636
59 FAIRFAX CC 711 - PRICE	0	0	0	969.5141	22.39308	421.2798	1.167665
59 FAIRFAX CC 712 - SHRE	0	0	0	814.8136	0	296.2029	2.269091
59 FAIRFAX CC 713 - TIMB	0	0	0	1697.628	0	492.9001	3.403636
59 FAIRFAX CC 714 - WALK	0	0	0	1633.369	40.30754	636.5239	4.670659
59 FAIRFAX CC 717 - WOO	0	0	0	985.0359	31.35031	345.3113	0
59 FAIRFAX CC 718 - PINE	0	0	0	1183.237	29.111	461.5662	3.502994
59 FAIRFAX CC 720 - THOR	0	0	0	1491.285	38.06823	614.6542	10.50898
59 FAIRFAX CC 721 - MERF	0	0	0	2127.678	64.93992	505.3056	4.670659
59 FAIRFAX CC 723 - GALL	0	0	0	1001.752	29.111	258.9835	2.335329
59 FAIRFAX CC 726 - MAG	0	0	0	1843.173	0	620.1748	4.538182
59 FAIRFAX CC 727 - OAKT	0	0	0	1133.09	32.46996	639.977	3.502994
59 FAIRFAX CC 729 - NOTT	0	0	0	1683.516	30.23065	585.8782	8.173653
59 FAIRFAX CC 730 - PEND	0	0	0	1773.065	41.42719	699.831	5.838323
59 FAIRFAX CC 731 - TYSO	0	0	0	1468.599	45.9058	483.4359	3.502994
59 FAIRFAX CC 732 - OAK I	0	0	0	1522.328	39.18788	902.4136	4.670659
59 FAIRFAX CC 733 - KILMI	0	0	0	2165.885	57.10234	694.0758	4.670659
59 FAIRFAX CC 734 - HUN1	0	0	0	1068.615	36.94857	337.2541	1.167665
59 FAIRFAX CC 735 - ROTC	0	0	0	610.1253	12.31619	231.3586	0
59 FAIRFAX CC 801 - BURK	0	0	0	2267.374	54.86303	850.6169	8.173653
59 FAIRFAX CC 802 - CEDA	0	0	0	668.6304	15.67515	232.5096	0
59 FAIRFAX CC 803 - CLIFT	0	0	0	1407.114	0	1700.836	3.38961
59 FAIRFAX CC 804 - COLC	0	0	0	769.834	0	630.2045	1.12987
59 FAIRFAX CC 805 - FAIRF	0	0	0	678.0657	0	578.881	1.12987
59 FAIRFAX CC 806 - SYDEI	0	0	0	1570.088	34.70927	761.987	4.670659
59 FAIRFAX CC 807 - HUN1	0	0	0	953.9923	32.46996	552.4981	3.502994
59 FAIRFAX CC 811 - POHI	0	0	0	1069.809	23.51273	366.03	2.335329
59 FAIRFAX CC 812 - VALLI	0	0	0	1346.813	29.111	676.8102	1.167665
59 FAIRFAX CC 815 - WOO	0	0	0	1028.57	0	1020.502	1.12987
59 FAIRFAX CC 824 - ORAN	0	0	0	1807.69	59.34165	1020.971	8.173653
59 FAIRFAX CC 825 - CHER	0	0	0	1290.696	26.87169	710.1903	1.167665
59 FAIRFAX CC 827 - IRVIN	0	0	0	1242.936	38.06823	636.5239	1.167665
59 FAIRFAX CC 833 - WHIT	0	0	0	1460.241	47.02546	635.3729	2.335329
59 FAIRFAX CC 838 - SANG	0	0	0	987.7837	0	753.1421	1.12987
59 FAIRFAX CC 839 - SILVE	0	0	0	1507.804	0	1184.02	4.519481
59 FAIRFAX CC 840 - WEST	0	0	0	1402.93	22.39308	683.7165	2.335329
59 FAIRFAX CC 841 - POPE	0	0	0	592.6702	0	632.5916	0
59 FAIRFAX CC 842 - PARK	0	0	0	999.3637	23.51273	660.6957	2.335329
59 FAIRFAX CC 843 - FAIR I	0	0	0	1564.118	51.50407	666.4509	2.335329
59 FAIRFAX CC 844 - CENT	0	0	0	1396.96	40.30754	405.1653	4.670659

59 FAIRFAX CC845 - FOUN	0	0	0	1529.471	0	1411.992	3.38961
59 FAIRFAX CC846 - GREE	0	0	0	1671.576	30.23065	643.4301	2.335329
59 FAIRFAX CC847 - GREE	0	0	0	1131.809	0	640.9466	2.25974
59 FAIRFAX CC848 - FAIR	0	0	0	1484.121	32.46996	635.3729	0
59 FAIRFAX CC849 - NEWI	0	0	0	1995.96	0	1688.9	6.779221
59 FAIRFAX CC850 - SOUT	0	0	0	1161.124	0	1007.372	5.649351
59 FAIRFAX CC851 - WILLI	0	0	0	1115.18	27.99134	679.1123	3.502994
59 FAIRFAX CC901 - CENT	0	0	0	1531.88	50.38442	587.0293	2.335329
59 FAIRFAX CC902 - BROCK	0	0	0	2139.986	0	886.8218	2.25974
59 FAIRFAX CC903 - CUB I	0	0	0	1792.031	0	1101.664	1.12987
59 FAIRFAX CC904 - STON	0	0	0	666.5947	0	514.4283	3.38961
59 FAIRFAX CC905 - FRAN	0	0	0	463.9397	0	257.8109	6.779221
59 FAIRFAX CC908 - HIDD	0	0	0	1089.748	0	741.2064	4.519481
59 FAIRFAX CC909 - OAK I	0	0	0	1185.34	0	587.236	4.519481
59 FAIRFAX CC910 - LONC	0	0	0	1835.152	61.58096	627.3156	4.670659
59 FAIRFAX CC911 - NAVY	0	0	0	1693.89	0	899.9511	3.38961
59 FAIRFAX CC913 - ROCK	0	0	0	1822.62	0	1248.473	2.25974
59 FAIRFAX CC914 - VALE	0	0	0	1102.494	0	707.7864	3.38961
59 FAIRFAX CC915 - VIRGI	0	0	0	1018.373	0	1069.438	2.25974
59 FAIRFAX CC916 - WAPI	0	0	0	1877.426	0	1314.12	4.519481
59 FAIRFAX CC917 - STON	0	0	0	1009.451	0	515.6218	6.779221
59 FAIRFAX CC918 - CENT	0	0	0	2112.156	64.93992	799.9713	3.502994
59 FAIRFAX CC919 - GREE	0	0	0	1958.132	59.34165	797.6692	4.670659
59 FAIRFAX CC920 - CHAN	0	0	0	1431.33	0	719.7221	3.38961
59 FAIRFAX CC921 - DEER	0	0	0	1512.902	0	1096.89	5.649351
59 FAIRFAX CC923 - BULL	0	0	0	911.3101	0	874.8861	7.909091
59 FAIRFAX CC924 - SPIN	0	0	0	992.1998	27.99134	300.4209	0
59 FAIRFAX CC925 - OLD I	0	0	0	904.9373	0	495.3312	2.25974
59 FAIRFAX CC926 - POW	0	0	0	2125.29	57.10234	783.8567	2.335329
59 FAIRFAX CC927 - ARMI	0	0	0	971.2144	0	539.4932	1.12987
59 FAIRFAX CC928 - POPL	0	0	0	1314.071	0	836.6919	4.519481
59 FAIRFAX CC929 - DIFFI	0	0	0	312.2671	0	291.2308	1.12987
59 FAIRFAX CC930 - LEES	0	0	0	1105.043	0	629.0109	5.649351
59 FAIRFAX CC931 - CARS	0	0	0	1386.721	0	608.7202	4.519481
59 FAIRFAX CC932 - STON	0	0	0	916.4083	0	334.1993	4.519481
59 FAIRFAX CC933 - COMI	0	0	0	335.5092	6.717923	155.3901	0
61 FAUQUIER 101 - KETTI	0	0	0	240.4445	0	608.819	3.075
61 FAUQUIER 102 - CATLI	0	0	0	484.3075	0	1298.976	1
61 FAUQUIER 103 - CASA	0	0	0	383.7865	0	532.5785	1.025
61 FAUQUIER 104 - LOIS	0	0	0	238.3446	0	551.6929	0
61 FAUQUIER 105 - OPAL	0	0	0	279.748	0	569.0413	1.025
61 FAUQUIER 106 - BALD	0	0	0	470.4852	0	707.1582	3.075
61 FAUQUIER 201 - COUF	0	0	0	1084.312	0	1108.249	1.025
61 FAUQUIER 202 - AIRLI	0	0	0	772.1969	0	1055.213	2.05
61 FAUQUIER 203 - WARI	0	0	0	994.1457	0	1030.904	4.1
61 FAUQUIER 301 - MORI	0	0	0	335.2061	0	862.0866	0
61 FAUQUIER 302 - REMI	0	0	0	745.6093	0	1146.922	3.075

61 FAUQUIER 303 - BEAL	0	0	0 938.1418	0 1202.244	2
61 FAUQUIER 401 - MAR	0	0	0 873.9234	0 1054.108	3.075
61 FAUQUIER 402 - LEED	0	0	0 818.4362	0 880.6329	2.05
61 FAUQUIER 403 - WAT	0	0	0 775.6648	0 1306.033	2.05
61 FAUQUIER 404 - SPRIN	0	0	0 371.0707	0 570.1463	2.05
61 FAUQUIER 501 - THE F	0	0	0 834.62	0 766.8246	0
61 FAUQUIER 502 - NEW	0	0	0 702.8379	0 1124.823	4.1
61 FAUQUIER 503 - BROA	0	0	0 634.6349	0 949.1389	4.1
61 FAUQUIER 504 - VINT	0	0	0 1127.084	0 1636.408	5.125
63 FLOYD COL 101 - LOC	0	0	0 472.8333	0 856.7026	1
63 FLOYD COL 201 - LITTL	0	0	0 661.7319	0 905.3789	2
63 FLOYD COL 301 - COUF	0	0	0 592.5082	0 697.6934	0
63 FLOYD COL 401 - BURK	0	0	0 407.1294	0 829.6602	2
63 FLOYD COL 501 - INDIA	0	0	0 377.7973	0 947.565	0
65 FLUVANNA 101 - PALM	0	0	0 1455.884	0 1286.156	6.26087
65 FLUVANNA 201 - COLU	0	0	0 849.9401	0 966.5522	3.130435
65 FLUVANNA 301 - FORK	0	0	0 992.175	0 984.2466	6.26087
65 FLUVANNA 401 - CUNN	0	0	0 1017.615	0 1567.053	4.173913
65 FLUVANNA 501 - RIVAI	0	0	0 1474.386	0 1367.992	4.173913
67 FRANKLIN (102 - BURN	0	0	0 463.6308	0 1153.109	5.113636
67 FRANKLIN (103 - SCRU	0	0	0 769.453	0 2028.539	2.045455
67 FRANKLIN (201 - GLAD	0	0	0 317.7939	0 941.1403	3.068182
67 FRANKLIN (202 - PENH	0	0	0 356.974	0 717.5135	1.022727
67 FRANKLIN (203 - HODC	0	0	0 69.65345	0 151.5575	0
67 FRANKLIN (204 - DUDL	0	0	0 244.8754	0 599.8709	2.045455
67 FRANKLIN (301 - SNOV	0	0	0 137.1302	0 450.4331	1.022727
67 FRANKLIN (302 - FORK	0	0	0 117.5402	0 435.5953	0
67 FRANKLIN (303 - SONT	0	0	0 437.5108	0 561.7166	3.068182
67 FRANKLIN (304 - DICKI	0	0	0 206.7837	0 248.0032	1.022727
67 FRANKLIN (401 - HENR	0	0	0 202.4304	0 774.745	3.068182
67 FRANKLIN (402 - FERRI	0	0	0 198.077	0 393.2016	1.022727
67 FRANKLIN (403 - ENDI	0	0	0 163.2503	0 436.6552	1.022727
67 FRANKLIN (501 - WAIC	0	0	0 210.0487	0 518.263	2.045455
67 FRANKLIN (502 - CALL	0	0	0 256.8471	0 752.4883	1.022727
67 FRANKLIN (503 - BOW	0	0	0 167.6036	0 386.8426	1.022727
67 FRANKLIN (504 - GOGC	0	0	0 222.0204	0 657.1024	2.045455
67 FRANKLIN (601 - BOON	0	0	0 379.829	0 922.0631	2.045455
67 FRANKLIN (602 - BONE	0	0	0 324.3239	0 881.7891	4.090909
67 FRANKLIN (603 - COOF	0	0	0 201.342	0 703.7355	2.045455
67 FRANKLIN (701 - ROCK	0	0	0 497.3692	0 720.693	4.090909
67 FRANKLIN (702 - ROCK	0	0	0 441.8641	0 485.4079	1.022727
67 FRANKLIN (703 - ROCK	0	0	0 340.6489	0 434.5355	2.045455
69 FREDERICK 101 - RUSS	0	0	0 323.6356	0 1095.098	1.048387
69 FREDERICK 102 - GORE	0	0	0 413.2914	0 1116.28	5.241935
69 FREDERICK 103 - KERN	0	0	0 603.5366	0 1180.884	4.193548
69 FREDERICK 104 - CEDA	0	0	0 342.2228	0 701.1169	0
69 FREDERICK 201 - GAIN	0	0	0 228.513	0 759.3668	4.193548

69 FREDERICK 202 - ALBIN	0	0	0	438.4387	0	1047.439	3.145161
69 FREDERICK 203 - REDL	0	0	0	595.8831	0	1342.925	6.290323
69 FREDERICK 204 - NAIN	0	0	0	487.6401	0	1124.752	3.145161
69 FREDERICK 301 - CLEAI	0	0	0	255.847	0	693.7033	3.145161
69 FREDERICK 302 - NEFF'	0	0	0	1032.135	0	1180.884	9.435484
69 FREDERICK 303 - WHIT	0	0	0	680.0721	0	1456.247	3.145161
69 FREDERICK 401 - CARP	0	0	0	621.0304	0	1013.548	2.096774
69 FREDERICK 402 - SHEN	0	0	0	290.8347	0	544.3717	1.048387
69 FREDERICK 403 - PARK	0	0	0	614.4702	0	1018.844	4.193548
69 FREDERICK 404 - ARMI	0	0	0	602.4433	0	968.0073	4.193548
69 FREDERICK 501 - STEPI	0	0	0	712.873	0	1123.693	2.096774
69 FREDERICK 502 - NEW'	0	0	0	817.8358	0	1315.388	1.048387
69 FREDERICK 503 - CANT	0	0	0	908.585	0	1356.693	2.096774
69 FREDERICK 601 - MILLI	0	0	0	415.4781	0	706.4123	0
69 FREDERICK 602 - ASH I	0	0	0	672.4185	0	814.4394	1.048387
69 FREDERICK 603 - GREE	0	0	0	1051.816	0	1503.906	4.193548
71 GILES COUI 101 - GLEN	0	0	0	20.85576	0	68.56727	0
71 GILES COUI 102 - RICH	0	0	0	91.10676	0	302.1245	0
71 GILES COUI 103 - NARR	0	0	0	353.4503	0	939.5859	0
71 GILES COUI 201 - PEAR	0	0	0	470.9012	0	1293.136	0
71 GILES COUI 202 - STAFI	0	0	0	74.64168	0	211.0586	1
71 GILES COUI 203 - WHIT	0	0	0	29.63714	0	170.3468	0
71 GILES COUI 301 - EGGL	0	0	0	197.5809	0	356.7641	0
71 GILES COUI 302 - PEME	0	0	0	386.3805	0	937.4432	0
71 GILES COUI 303 - NEWI	0	0	0	308.4458	0	434.9736	0
73 GLOUCESTI 101 - HARC	0	0	0	321.3447	0	829.1738	2
73 GLOUCESTI 102 - SALEI	0	0	0	290.9473	0	700.7103	0
73 GLOUCESTI 103 - PEASI	0	0	0	196.498	0	552.0748	3
73 GLOUCESTI 201 - COUF	0	0	0	460.3046	0	796.2617	1
73 GLOUCESTI 202 - BOTE	0	0	0	643.7751	0	1184.837	4
73 GLOUCESTI 301 - WHIT	0	0	0	415.7941	0	962.9458	3
73 GLOUCESTI 302 - ROAN	0	0	0	536.2983	0	1207.133	3
73 GLOUCESTI 401 - HAYE	0	0	0	561.2677	0	1115.828	0
73 GLOUCESTI 402 - SARA	0	0	0	473.3321	0	939.5888	1
73 GLOUCESTI 501 - ACHII	0	0	0	478.7603	0	1538.378	2
73 GLOUCESTI 502 - WALI	0	0	0	439.6778	0	965.0692	2
75 GOOCHLAN 101 - FIFE	0	0	0	383.8343	14.78505	496.4678	0
75 GOOCHLAN 102 - HADE	0	0	0	568.3918	10.56075	849.2212	3.5
75 GOOCHLAN 201 - THRE	0	0	0	237.7735	5.280374	182.9092	0
75 GOOCHLAN 202 - SAND	0	0	0	843.5297	16.8972	1043.018	2.333333
75 GOOCHLAN 301 - GOO	0	0	0	521.9694	6.336449	766.4766	0
75 GOOCHLAN 302 - GOO	0	0	0	230.9799	2.11215	364.7296	0
75 GOOCHLAN 401 - SHAL	0	0	0	536.6887	15.84112	676.1108	0
75 GOOCHLAN 402 - CENT	0	0	0	739.3622	23.23364	1405.57	0
75 GOOCHLAN 501 - MAN.	0	0	0	741.6268	13.72897	1328.269	0
75 GOOCHLAN 502 - BLAIF	0	0	0	443.8438	4.224299	800.2277	1.166667
77 GRAYSON C 101 - BRIDI	0	0	0	90.50813	0	147.8399	0

77 GRAYSON (102 - FLAT	0	0	0 44.70883	0 94.96289	0
77 GRAYSON (103 - GRAN	0	0	0 95.96042	0 171.5807	0
77 GRAYSON (104 - MOU	0	0	0 64.3371	0 103.5959	1
77 GRAYSON (105 - MOU	0	0	0 42.52792	0 141.3652	0
77 GRAYSON (106 - RUGE	0	0	0 41.43746	0 133.8113	0
77 GRAYSON (107 - TROU	0	0	0 21.80919	0 100.3585	0
77 GRAYSON (108 - COMI	0	0	0 55.61343	0 121.941	0
77 GRAYSON (202 - ELK C	0	0	0 110.1364	0 293.5216	1
77 GRAYSON (203 - INDEI	0	0	0 304.2382	0 765.0987	1
77 GRAYSON (301 - BAYM	0	0	0 151.5739	0 475.8936	0
77 GRAYSON (302 - FAIR\	0	0	0 177.7449	0 651.7907	0
77 GRAYSON (401 - FRIES	0	0	0 106.865	0 221.2204	0
77 GRAYSON (402 - PROV	0	0	0 140.6693	0 536.3245	0
77 GRAYSON (403 - OLDT	0	0	0 94.86996	0 227.6951	0
79 GREENE CC 101 - DYKE	0	0	0 259.6829	0 541.1104	2.545455
79 GREENE CC 102 - SWIF	0	0	0 412.1055	0 680.7518	0
79 GREENE CC 201 - RUCK	0	0	0 791.4683	0 1253.5	1.272727
79 GREENE CC 301 - STAN	0	0	0 631.1423	0 1186.952	1.272727
79 GREENE CC 401 - MIDV	0	0	0 967.601	0 1387.686	8.909091
81 GREENSVIL 101 - PREC	0	0	0 239	2 129.0935	0
81 GREENSVIL 102 - PREC	0	0	0 70	1 97.07029	0
81 GREENSVIL 103 - PREC	0	0	0 204	4 36.02609	1
81 GREENSVIL 201 - PREC	0	0	0 312	1 109.079	0
81 GREENSVIL 202 - PREC	0	0	0 204	2 294.213	0
81 GREENSVIL 302 - PREC	0	0	0 620	7 300.2174	1
81 GREENSVIL 401 - PREC	0	0	0 87	1 155.1123	0
81 GREENSVIL 402 - PREC	0	0	0 258	1 148.1072	0
81 GREENSVIL 403 - PREC	0	0	0 73	3 112.0812	0
83 HALIFAX C(101 - CHIL	0	0	0 278.466	0 369.9227	0
83 HALIFAX C(102 - LIBER	0	0	0 123.3986	0 200.4192	0
83 HALIFAX C(103 - REPU	0	0	0 325.423	0 350.7336	2.307692
83 HALIFAX C(201 - CLAY	0	0	0 158.3434	0 339.0069	0
83 HALIFAX C(202 - CROS	0	0	0 194.3802	0 269.7131	0
83 HALIFAX C(203 - CLOV	0	0	0 364.7358	0 337.9409	0
83 HALIFAX C(302 - MEAL	0	0	0 207.4844	0 88.48294	0
83 HALIFAX C(304 - VERN	0	0	0 168.1716	0 330.4785	0
83 HALIFAX C(305 - SINAI	0	0	0 572.2203	0 328.3463	0
83 HALIFAX C(401 - COUF	0	0	0 429.1652	0 420.0275	3.461538
83 HALIFAX C(403 - CENT	0	0	0 255.5335	0 544.7564	0
83 HALIFAX C(502 - DAN	0	0	0 435.7173	0 723.8544	1.153846
83 HALIFAX C(503 - SCOT	0	0	0 133.2269	0 433.8862	0
83 HALIFAX C(601 - BLAC	0	0	0 216.2206	0 453.0753	1.153846
83 HALIFAX C(603 - MT C.	0	0	0 458.6498	0 535.1619	2.307692
83 HALIFAX C(605 - UNIO	0	0	0 101.5582	0 189.7586	1.153846
83 HALIFAX C(701 - HYCC	0	0	0 250.0734	0 712.1278	1.153846
83 HALIFAX C(702 - MIDV	0	0	0 105.9263	0 526.6334	0
83 HALIFAX C(703 - VIRGI	0	0	0 107.0183	0 318.7518	1.153846

83 HALIFAX C0801 - SOUT	0	0	0	905.2874	0	369.9227	1.153846
85 HANOVER 101 - ASHL	0	0	0	740.1414	0	577.2733	0
85 HANOVER 104 - SLIDII	0	0	0	676.9187	0	858.4817	1.034483
85 HANOVER 105 - BERK	0	0	0	735.7812	0	453.1171	4.137931
85 HANOVER 106 - KERSI	0	0	0	335.7342	0	567.7228	1.034483
85 HANOVER 107 - CHICI	0	0	0	512.3217	0	738.5702	2.068966
85 HANOVER 1201 - BEAV	0	0	0	478.5303	0	1396.492	1.034483
85 HANOVER 1202 - BLUN	0	0	0	378.2461	0	604.8635	0
85 HANOVER 1203 - WILM	0	0	0	500.3312	0	1010.228	2.068966
85 HANOVER 1206 - COUF	0	0	0	588.625	0	749.1818	1.034483
85 HANOVER 1208 - OAK I	0	0	0	433.8384	0	943.3749	2.068966
85 HANOVER 1209 - WEST	0	0	0	115.5449	0	270.5968	0
85 HANOVER 1210 - OAK I	0	0	0	151.5164	0	367.1628	0
85 HANOVER 1301 - CLAY	0	0	0	521.0421	0	1257.479	1.034483
85 HANOVER 1303 - SHAD	0	0	0	525.4023	0	1139.69	2.068966
85 HANOVER 1304 - ATLEI	0	0	0	1492.273	0	2331.378	8.275862
85 HANOVER 1305 - COOL	0	0	0	613.696	0	1116.345	3.103448
85 HANOVER 1401 - BATT	0	0	0	390.2366	0	1423.021	3.103448
85 HANOVER 1403 - COLD	0	0	0	639.8572	0	1538.688	0
85 HANOVER 1404 - BLAC	0	0	0	378.2461	0	1656.477	0
85 HANOVER 1405 - PEBB	0	0	0	404.4072	0	727.9586	0
85 HANOVER 1406 - BEAV	0	0	0	139.5259	0	263.1687	0
85 HANOVER 1502 - RURA	0	0	0	578.8146	0	1202.299	3.103448
85 HANOVER 1503 - NEWI	0	0	0	550.4734	0	860.6041	3.103448
85 HANOVER 1504 - STUD	0	0	0	236.54	0	920.0293	1.034483
85 HANOVER 1505 - TOTC	0	0	0	222.3694	0	696.1236	0
85 HANOVER 1506 - GEOP	0	0	0	422.9379	0	931.7021	2.068966
85 HANOVER 1507 - LAUR	0	0	0	456.7294	0	1132.262	3.103448
85 HANOVER 1601 - VILLA	0	0	0	748.8618	0	1778.511	4.137931
85 HANOVER 1602 - LEE D	0	0	0	600.6155	0	1344.495	1.034483
85 HANOVER 1603 - MECH	0	0	0	576.6345	0	712.0411	2.068966
85 HANOVER 1604 - HANC	0	0	0	361.8954	0	857.4206	0
85 HANOVER 1701 - FARR	0	0	0	515.5919	0	1189.565	0
85 HANOVER 1702 - MON	0	0	0	610.4259	0	957.17	0
85 HANOVER 1703 - ROCK	0	0	0	545.0231	0	1139.69	3.103448
85 HANOVER 1704 - ELMC	0	0	0	680.1889	0	1109.978	1.034483
85 HANOVER 1705 - SOUT	0	0	0	286.6822	0	673.8392	4.137931
87 HENRICO C 101 - COAL	0	0	0	1503.613	29.03201	1241.078	2.126582
87 HENRICO C 102 - DUM	0	0	0	1661.135	23.65571	481.7413	3.189873
87 HENRICO C 103 - GLEN	0	0	0	1500.309	22.58045	1410.66	0
87 HENRICO C 105 - GREE	0	0	0	1405.576	40.85986	745.2949	3.189873
87 HENRICO C 106 - HERN	0	0	0	1252.46	44.08564	761.4969	2.126582
87 HENRICO C 108 - HUNC	0	0	0	1573.011	24.73097	1212.994	1.063291
87 HENRICO C 109 - HUNT	0	0	0	310.6366	9.677336	397.4906	1.063291
87 HENRICO C 110 - JOHN	0	0	0	1676.556	40.85986	555.1907	1.063291
87 HENRICO C 111 - LAKE	0	0	0	1671.049	48.38668	987.2457	2.126582
87 HENRICO C 112 - LONG	0	0	0	1061.892	21.50519	814.4237	0

87 HENRICO C 113 - MAU	0	0	0	463.7518	23.65571	361.8461	0
87 HENRICO C 114 - MON	0	0	0	443.9239	13.97837	379.1283	1.063291
87 HENRICO C 115 - STAPI	0	0	0	1417.693	26.88149	1404.179	1.063291
87 HENRICO C 117 - WEST	0	0	0	967.1593	16.12889	574.6331	3.189873
87 HENRICO C 201 - ADAN	0	0	0	1333.484	9.487952	59.1538	0
87 HENRICO C 202 - AZALI	0	0	0	1973.974	17.20415	105.8535	6.379747
87 HENRICO C 203 - BELM	0	0	0	1227.125	40.85986	424.494	3.189873
87 HENRICO C 204 - BROC	0	0	0	307.332	6.451557	194.4247	1.063291
87 HENRICO C 205 - CANT	0	0	0	272.0824	4.301038	327.2817	0
87 HENRICO C 206 - CENT	0	0	0	1698.823	4.216867	42.25271	0
87 HENRICO C 207 - CHAN	0	0	0	1500.309	21.50519	424.494	2.126582
87 HENRICO C 208 - FAIRF	0	0	0	1496.812	6.325301	48.59062	0
87 HENRICO C 209 - GLEN	0	0	0	1030.469	11.59639	142.6029	1
87 HENRICO C 210 - GREE	0	0	0	945.1284	15.05363	187.9439	4.253165
87 HENRICO C 211 - HIGH	0	0	0	675.8757	4.216867	24.29531	0
87 HENRICO C 212 - HOLL	0	0	0	490.189	10.7526	147.9788	1.063291
87 HENRICO C 213 - HUNC	0	0	0	986.9872	19.35467	194.4247	0
87 HENRICO C 214 - LONG	0	0	0	811.841	12.90311	333.7625	0
87 HENRICO C 215 - MAPI	0	0	0	1791.232	12.6506	66.54802	0
87 HENRICO C 216 - MOO	0	0	0	452.7363	16.12889	307.8392	0
87 HENRICO C 217 - MOU	0	0	0	370.1202	8.602076	204.146	0
87 HENRICO C 218 - OAKV	0	0	0	59.4836	3.225779	56.16715	0
87 HENRICO C 219 - RANC	0	0	0	214.8019	1.07526	43.2055	0
87 HENRICO C 220 - RATC	0	0	0	2102.844	14.75904	104.5755	1
87 HENRICO C 221 - STRA	0	0	0	170.74	6.451557	91.81169	0
87 HENRICO C 222 - WILD	0	0	0	1255.765	13.97837	223.5885	0
87 HENRICO C 223 - YELLC	0	0	0	1440.825	21.50519	831.7059	1.063291
87 HENRICO C 224 - ESSE	0	0	0	395.4249	3.162651	7.394224	0
87 HENRICO C 301 - CAUS	0	0	0	884.5432	6.451557	682.6469	0
87 HENRICO C 302 - CEDA	0	0	0	946.2299	26.88149	1026.131	3.189873
87 HENRICO C 303 - INNSI	0	0	0	1288.811	26.88149	871.6709	1.063291
87 HENRICO C 304 - JACK	0	0	0	589.3283	19.35467	619.9989	1.063291
87 HENRICO C 305 - NUCK	0	0	0	1206.195	22.58045	1230.277	3.189873
87 HENRICO C 306 - POCA	0	0	0	1100.447	21.50519	815.5038	0
87 HENRICO C 307 - RIDGI	0	0	0	597.0391	20.42993	500.1037	1.063291
87 HENRICO C 308 - RIVEF	0	0	0	1122.478	17.20415	1110.381	0
87 HENRICO C 309 - SADL	0	0	0	1265.679	16.12889	909.4758	0
87 HENRICO C 310 - SHAD	0	0	0	1161.032	19.35467	1194.632	3.189873
87 HENRICO C 311 - SHOR	0	0	0	1699.689	27.95675	1187.071	2.126582
87 HENRICO C 312 - SPRIN	0	0	0	826.1612	15.05363	535.7482	1.063291
87 HENRICO C 313 - STON	0	0	0	1504.715	32.25779	1283.203	2.126582
87 HENRICO C 314 - THRE	0	0	0	1109.259	25.80623	888.9531	4.253165
87 HENRICO C 315 - TUCK	0	0	0	1647.916	17.20415	530.3475	3.189873
87 HENRICO C 401 - QUIO	0	0	0	1251.359	23.65571	823.0648	0
87 HENRICO C 402 - CRES	0	0	0	1085.025	19.35467	550.8701	1.063291
87 HENRICO C 403 - DERB	0	0	0	681.8583	7.526817	851.1483	2.126582
87 HENRICO C 404 - FREEI	0	0	0	739.1389	18.27941	600.5564	0

87 HENRICO C 405 - GAYT	0	0	0	1101.548	17.20415	1183.831	3.189873
87 HENRICO C 406 - GOD\	0	0	0	1024.44	17.20415	778.7791	0
87 HENRICO C 407 - LAKE\	0	0	0	725.9203	13.97837	737.7339	0
87 HENRICO C 408 - LAUD	0	0	0	1001.307	16.12889	725.8524	0
87 HENRICO C 409 - MAYE	0	0	0	1036.557	17.20415	951.6011	1.063291
87 HENRICO C 410 - MOO	0	0	0	496.7982	6.451557	728.0127	0
87 HENRICO C 411 - PEME	0	0	0	991.3934	19.35467	592.9955	3.189873
87 HENRICO C 412 - PINCI	0	0	0	1243.648	22.58045	873.8312	0
87 HENRICO C 413 - RIDGI	0	0	0	1213.906	26.88149	1101.74	2.126582
87 HENRICO C 414 - ROLLI	0	0	0	826.1612	13.97837	662.1243	1.063291
87 HENRICO C 415 - SKIPV	0	0	0	653.2181	15.05363	385.6091	0
87 HENRICO C 416 - SPOT	0	0	0	480.275	9.677336	374.8077	1.063291
87 HENRICO C 417 - TUCK	0	0	0	1197.383	19.35467	1526.234	2.126582
87 HENRICO C 418 - WELE	0	0	0	795.3178	13.97837	519.5461	0
87 HENRICO C 419 - WEST	0	0	0	1009.018	24.73097	902.9949	1.063291
87 HENRICO C 501 - ANTI	0	0	0	376.0834	15.81325	939.0665	1
87 HENRICO C 502 - CEDA	0	0	0	727.4528	6.325301	92.95596	0
87 HENRICO C 503 - CHICI	0	0	0	758.614	20.03012	745.7604	0
87 HENRICO C 504 - DON/	0	0	0	806.9676	6.325301	286.2621	3
87 HENRICO C 505 - DORE	0	0	0	1005.755	13.70482	794.351	1
87 HENRICO C 506 - EANE	0	0	0	1213.138	26.35542	331.6838	1
87 HENRICO C 507 - ELKO	0	0	0	99.93074	7.379518	374.9928	0
87 HENRICO C 508 - HIGH	0	0	0	1050.885	17.92169	176.4051	1
87 HENRICO C 509 - LABU	0	0	0	1022.947	17.92169	282.0368	2
87 HENRICO C 510 - MEHI	0	0	0	1105.685	11.59639	346.4722	0
87 HENRICO C 511 - MON	0	0	0	2242.532	25.3012	261.9668	1
87 HENRICO C 512 - NINE	0	0	0	497.5047	16.86747	224.9957	0
87 HENRICO C 513 - PLEA	0	0	0	1776.188	15.81325	174.2924	1
87 HENRICO C 514 - ROLF	0	0	0	2987.177	22.13855	255.6289	3
87 HENRICO C 515 - SAND	0	0	0	489.983	8.433735	732.0282	1
87 HENRICO C 516 - SULLI	0	0	0	939.1341	17.92169	415.1329	0
87 HENRICO C 517 - TOWI	0	0	0	291.196	12.6506	363.3733	0
87 HENRICO C 518 - WHIT	0	0	0	646.8635	21.08434	791.182	1
89 HENRY COL 101 - BASSI	0	0	0	213.9963	0	196.6968	0
89 HENRY COL 102 - GUN\	0	0	0	163.1457	0	620.7583	0
89 HENRY COL 103 - SCOT	0	0	0	331.5883	0	1012.037	0
89 HENRY COL 201 - FIELD	0	0	0	208.6993	0	315.138	0
89 HENRY COL 202 - HORS	0	0	0	350.6572	0	583.7455	0
89 HENRY COL 203 - HORS	0	0	0	645.1669	0	210.4445	0
89 HENRY COL 204 - SPEN	0	0	0	288.1534	0	694.784	0
89 HENRY COL 302 - AXTO	0	0	0	338.0399	0	296.8044	1
89 HENRY COL 303 - IRISBI	0	0	0	510.269	0	610.5087	1
89 HENRY COL 304 - MOU	0	0	0	696.3738	0	593.6088	3
89 HENRY COL 305 - MOU	0	0	0	250.3207	0	321.098	0
89 HENRY COL 401 - COLLI	0	0	0	172.6801	0	415.6014	0
89 HENRY COL 402 - DANI	0	0	0	223.5307	0	427.234	0
89 HENRY COL 404 - COLLI	0	0	0	389.8546	0	724.3943	0

89 HENRY CO\405 - MOU	0	0	0	279.2038	0	365.4602	0
89 HENRY CO\501 - BASSI	0	0	0	237.3028	0	260.1474	0
89 HENRY CO\502 - FIGSE	0	0	0	186.4522	0	535.1	1
89 HENRY CO\503 - STAN	0	0	0	201.2836	0	854.468	1
89 HENRY CO\504 - OAK I	0	0	0	120.7702	0	287.6427	0
89 HENRY CO\505 - DYER	0	0	0	148.4178	0	288.6407	0
89 HENRY CO\601 - FONT	0	0	0	287.094	0	648.2536	0
89 HENRY CO\602 - HILLC	0	0	0	163.1457	0	201.9844	0
89 HENRY CO\603 - RIDGI	0	0	0	280.2736	0	748.8765	2
89 HENRY CO\604 - RIDGI	0	0	0	206.5805	0	580.5729	1
91 HIGHLAND 001 - MON	0	0	0	150	0	236	0
91 HIGHLAND 003 - WILSI	0	0	0	30	0	65	0
91 HIGHLAND 005 - BLUE	0	0	0	74	0	149	0
91 HIGHLAND 007 - MILL	0	0	0	52	0	89	0
91 HIGHLAND 008 - MCDI	0	0	0	60	0	199	0
91 HIGHLAND 010 - HEAD	0	0	0	16	0	62	0
93 ISLE OF WI\101 - SMITI	0	0	0	1134.66	0	0	336.6111
93 ISLE OF WI\102 - CYPR	0	0	0	906.6625	0	0	275.2166
93 ISLE OF WI\201 - BART	0	0	0	1072.866	0	0	339.7866
93 ISLE OF WI\202 - CARR	0	0	0	1230.547	0	0	310.1479
93 ISLE OF WI\301 - RUSH	0	0	0	978.0449	0	0	177.8323
93 ISLE OF WI\302 - PONS	0	0	0	1052.623	0	0	146.0765
93 ISLE OF WI\401 - COUF	0	0	0	283.3986	0	0	117.4963
93 ISLE OF WI\402 - WINE	0	0	0	147.0264	0	0	35.98986
93 ISLE OF WI\403 - LONG	0	0	0	674.4035	0	0	182.0664
93 ISLE OF WI\501 - WALI	0	0	0	313.2301	0	0	100.5599
93 ISLE OF WI\502 - CAMI	0	0	0	231.1936	0	0	32.81429
93 ISLE OF WI\503 - CARR	0	0	0	298.3143	0	0	51.86774
93 ISLE OF WI\504 - ZUNI	0	0	0	422.9671	0	0	127.023
93 ISLE OF WI\505 - RAYN	0	0	0	229.0628	0	0	63.51152
95 JAMES CIT\101 - BERK	0	0	0	1118.243	0	1387.252	2.066667
95 JAMES CIT\102 - BERK	0	0	0	828.8836	0	844.608	5.166667
95 JAMES CIT\103 - BERK	0	0	0	1319.988	0	2034.636	3.1
95 JAMES CIT\104- BERKE	0	0	0	444.2771	0	368.0423	1.052632
95 JAMES CIT\201 - JAME	0	0	0	455.9686	0	307.2752	1.052632
95 JAMES CIT\202 - JAME	0	0	0	1386.901	0	951.5769	2.066667
95 JAMES CIT\203 - JAME	0	0	0	901.5117	0	1085.288	1.033333
95 JAMES CIT\204 - JAME	0	0	0	1151.675	0	1619.018	2.066667
95 JAMES CIT\301 - POW	0	0	0	1231.221	0	1627.932	3.1
95 JAMES CIT\302 - POW	0	0	0	473.8124	0	345.4202	1.033333
95 JAMES CIT\303 - POW	0	0	0	304.3467	0	665.2124	1.033333
95 JAMES CIT\304 - POW	0	0	0	1330.364	0	971.6335	3.1
95 JAMES CIT\401 - STON	0	0	0	1211.623	0	1514.277	2.066667
95 JAMES CIT\402 - STON	0	0	0	1735.007	0	1935.467	4.133333
95 JAMES CIT\403 - STON	0	0	0	940.7079	0	1448.536	1.033333
95 JAMES CIT\501 - ROBE	0	0	0	872.1861	0	287.7838	3.157895
95 JAMES CIT\502 - ROBE	0	0	0	1047.559	0	1652.177	8.421053

95 JAMES CITY 503 - ROBE	0	0	0	309.8248	0	136.4394	2.105263
95 JAMES CITY 504 - ROBE	0	0	0	1347.9	0	1163.425	4.210526
97 KING & QU 101 - OWEI	0	0	0	327.3648	0	245.0308	1
97 KING & QU 201 - CLAR	0	0	0	222.2178	0	410.1603	1
97 KING & QU 301 - SHAC	0	0	0	252.5696	0	355.8274	1
97 KING & QU 401 - COUF	0	0	0	298.0971	0	324.9322	0
97 KING & QU 501 - OLDN	0	0	0	138.7507	0	392.0493	1
99 KING GEOR 101 - COUF	0	0	0	663.0373	0	1181.018	0
99 KING GEOR 102 - PASS	0	0	0	317.4474	0	586.664	0
99 KING GEOR 201 - MON	0	0	0	812.7554	0	1680.891	4
99 KING GEOR 301 - DAHL	0	0	0	968.1021	0	1206.287	1.333333
99 KING GEOR 401 - SHILC	0	0	0	856.6577	0	1483.139	2.666667
101 KING WILLI 101 - WEST	0	0	0	476.1402	0	916.5393	3
101 KING WILLI 201 - SWEE	0	0	0	182.0844	0	357.6484	0
101 KING WILLI 202 - COUF	0	0	0	383.0051	0	560.9763	0
101 KING WILLI 301 - AYLE	0	0	0	375.6799	0	1080.244	3
101 KING WILLI 401 - MAN	0	0	0	481.3725	0	1093.799	0
101 KING WILLI 501 - MAN	0	0	0	556.7178	0	1044.792	0
103 LANCASTER 101 - PREC	0	0	0	403.3517	0	715.601	0
103 LANCASTER 201 - PREC	0	0	0	574.4706	0	429.8072	1.25
103 LANCASTER 301 - PREC	0	0	0	264.4565	0	584.9843	0
103 LANCASTER 302 - PREC	0	0	0	146.6733	0	312.587	2.5
103 LANCASTER 401 - PREC	0	0	0	612.2501	0	375.1044	1.25
103 LANCASTER 501 - PREC	0	0	0	437.7977	0	852.916	0
105 LEE COUNT 101 - ELYD	0	0	0	82.51427	0	249.8313	0
105 LEE COUNT 102 - EWIN	0	0	0	74.81294	0	270.0304	0
105 LEE COUNT 103 - ROSE	0	0	0	163.9283	0	502.8519	0
105 LEE COUNT 201 - BLAC	0	0	0	49.50856	0	94.61695	0
105 LEE COUNT 202 - FLAT	0	0	0	114.4198	0	425.2447	0
105 LEE COUNT 203 - JONE	0	0	0	242.0419	0	588.964	0
105 LEE COUNT 301 - BEN F	0	0	0	232.1401	0	646.372	1
105 LEE COUNT 302 - WOO	0	0	0	126.5219	0	444.3808	0
105 LEE COUNT 401 - STICK	0	0	0	94.61636	0	215.8117	1
105 LEE COUNT 402 - JASPE	0	0	0	47.30818	0	184.9815	1
105 LEE COUNT 403 - SEMI	0	0	0	58.31008	0	260.4624	0
105 LEE COUNT 404 - DRYD	0	0	0	147.4255	0	425.2447	0
105 LEE COUNT 501 - SAINT	0	0	0	101.2175	0	167.9717	0
105 LEE COUNT 502 - PENN	0	0	0	141.9245	0	464.5799	0
105 LEE COUNT 503 - ROBB	0	0	0	14.30247	0	71.22849	0
105 LEE COUNT 504 - KEOK	0	0	0	44.00761	0	91.42762	0
107 LOUDOUN 107 - LITTL	0	0	0	1092.919	0	800.5581	2.239316
107 LOUDOUN 108 - MERC	0	0	0	1128.733	0	682.2051	5.598291
107 LOUDOUN 112 - FREEI	0	0	0	888.4295	0	460.0139	1.119658
107 LOUDOUN 114 - DULL	0	0	0	1084.831	0	597.3481	0
107 LOUDOUN 117 - CART	0	0	0	665.4557	0	250.1046	3.358974
107 LOUDOUN 118 - MOO	0	0	0	1418.715	0	605.1639	1.119658
107 LOUDOUN 119 - ARCC	0	0	0	1031.687	0	509.1416	3.358974

107 LOUDOUN 120 - LUNS	0	0	0	1325.135	0	782.6935	1.119658
107 LOUDOUN 121 - TOWI	0	0	0	794.8498	0	502.4424	1.119658
107 LOUDOUN 122 - HUTC	0	0	0	1302.029	0	836.2874	1.119658
107 LOUDOUN 123 - CARD	0	0	0	733.6187	0	516.9574	1.119658
107 LOUDOUN 124 - LIBER	0	0	0	923.0887	0	509.1416	0
107 LOUDOUN 125 - ROCK	0	0	0	1207.294	0	510.2581	0
107 LOUDOUN 126-GOSHE	0	0	0	1240.798	0	692.2539	1.119658
107 LOUDOUN 207 - RIVEF	0	0	0	750.9482	0	576.1339	2.239316
107 LOUDOUN 208 - ALGO	0	0	0	786.7627	0	552.6866	5.598291
107 LOUDOUN 209 - POTC	0	0	0	1237.332	0	715.7012	2.239316
107 LOUDOUN 210 - CASC	0	0	0	1446.442	0	793.8589	2.239316
107 LOUDOUN 213 - COUN	0	0	0	509.4895	0	259.0369	5.598291
107 LOUDOUN 214 - SUGA	0	0	0	1365.57	0	1001.535	1.119658
107 LOUDOUN 215 - SUGA	0	0	0	1369.036	0	736.9154	6.717949
107 LOUDOUN 216 - LOWI	0	0	0	1055.949	0	759.2462	1.119658
107 LOUDOUN 217 - SOUT	0	0	0	1371.347	0	858.6182	3.358974
107 LOUDOUN 218 - UNIV	0	0	0	963.5244	0	429.8673	2.239316
107 LOUDOUN 219 - GALIL	0	0	0	1039.774	0	561.6189	3.358974
107 LOUDOUN 301 - PURC	0	0	0	1131.044	0	1184.647	5.598291
107 LOUDOUN 302 - ROUN	0	0	0	859.5469	0	1125.471	5.598291
107 LOUDOUN 303 - HILLS	0	0	0	798.3157	0	1040.614	1.119658
107 LOUDOUN 305 - PHILC	0	0	0	377.7847	0	491.277	1.119658
107 LOUDOUN 307 - MIDC	0	0	0	530.285	0	393.0216	1.119658
107 LOUDOUN 308 - ST LO	0	0	0	512.9554	0	429.8673	2.239316
107 LOUDOUN 309 - ALDIE	0	0	0	353.5233	0	378.5066	1.119658
107 LOUDOUN 310 - MOU	0	0	0	1149.528	0	1340.963	4.478632
107 LOUDOUN 311 - ROUN	0	0	0	797.1604	0	1106.49	5.598291
107 LOUDOUN 312 - BRIAF	0	0	0	1434.889	0	710.1185	4.478632
107 LOUDOUN 313 - PINEE	0	0	0	1181.877	0	773.7612	3.358974
107 LOUDOUN 314 - LEGA	0	0	0	1273.146	0	616.3293	3.358974
107 LOUDOUN 315 - FIREH	0	0	0	277.2732	0	380.7396	0
107 LOUDOUN 316 - CREIC	0	0	0	1432.578	0	696.7201	2.239316
107 LOUDOUN 318 - MADI	0	0	0	1015.513	0	1189.114	3.358974
107 LOUDOUN 319 - JOHN	0	0	0	1598.942	0	1037.264	2.239316
107 LOUDOUN 320 - STON	0	0	0	1649.776	0	579.4835	0
107 LOUDOUN 321 - BRAN	0	0	0	897.672	0	423.1681	0
107 LOUDOUN 322-BUFFA	0	0	0	925.3993	0	497.9762	1.119658
107 LOUDOUN 401 - WEST	0	0	0	1023.6	0	1340.963	4.478632
107 LOUDOUN 402 - WATI	0	0	0	886.1189	0	1184.647	2.239316
107 LOUDOUN 403 - LUCK	0	0	0	1156.46	0	1201.395	3.358974
107 LOUDOUN 407 - HARP	0	0	0	753.2589	0	563.852	0
107 LOUDOUN 408 - EVERI	0	0	0	1189.964	0	979.2043	0
107 LOUDOUN 409 - CLAR	0	0	0	883.8083	0	1171.249	2.239316
107 LOUDOUN 411 - EAST	0	0	0	661.9898	0	930.0766	1.119658
107 LOUDOUN 413 - TUSC	0	0	0	39.28037	0	60.29308	0
107 LOUDOUN 414 - RED F	0	0	0	749.7929	0	418.702	1.119658
107 LOUDOUN 416 - HAMI	0	0	0	1178.411	0	1321.982	12.31624

107 LOUDOUN 420 - RIVEF	0	0	0	816.8006	0	888.7647	1.119658
107 LOUDOUN 421 - BETV	0	0	0	103.9774	0	136.2177	0
107 LOUDOUN 422 - SYCO	0	0	0	717.4444	0	855.2685	0
107 LOUDOUN 501 - WEST	0	0	0	1151.839	0	746.9643	4.478632
107 LOUDOUN 502 - EAST	0	0	0	1421.025	0	599.5812	3.358974
107 LOUDOUN 503 - DRY P	0	0	0	593.8268	0	451.0816	0
107 LOUDOUN 504 - SMAF	0	0	0	1303.184	0	819.5393	6.717949
107 LOUDOUN 505 - COOL	0	0	0	1168.013	0	965.8059	5.598291
107 LOUDOUN 506 - BRAN	0	0	0	819.1112	0	386.3223	3.358974
107 LOUDOUN 507 - GREE	0	0	0	603.0692	0	489.0439	1.119658
107 LOUDOUN 508 - BALLS	0	0	0	1253.506	0	828.4716	2.239316
107 LOUDOUN 509 - TOLB	0	0	0	1504.207	0	716.8178	1.119658
107 LOUDOUN 510 - HERIT	0	0	0	688.5618	0	614.0962	1.119658
107 LOUDOUN 615 - HILLS	0	0	0	1113.714	0	802.7912	1.119658
107 LOUDOUN 616 - EAGL	0	0	0	1304.339	0	829.5881	1.119658
107 LOUDOUN 617 - OAK C	0	0	0	673.5428	0	187.5785	1.119658
107 LOUDOUN 619 - RIDGI	0	0	0	755.5695	0	206.5596	0
107 LOUDOUN 620 - RUSS	0	0	0	1441.821	0	913.3285	8.957265
107 LOUDOUN 621 - DOM	0	0	0	1548.109	0	854.152	2.239316
107 LOUDOUN 622 - FARM	0	0	0	1566.594	0	772.6447	4.478632
107 LOUDOUN 623 - WELL	0	0	0	1757.219	0	1029.449	5.598291
107 LOUDOUN 625 - MILL	0	0	0	475.9857	0	416.4689	1.119658
107 LOUDOUN 626 - ASHB	0	0	0	622.7094	0	541.5212	1.119658
107 LOUDOUN 627 - ASHB	0	0	0	545.304	0	199.8604	3.358974
107 LOUDOUN 628 - MOO	0	0	0	1589.7	0	671.0397	10.07692
107 LOUDOUN 629 - DISC	0	0	0	343.1256	0	209.9092	0
107 LOUDOUN 701 - SULLY	0	0	0	1168.013	0	606.2804	7.837607
107 LOUDOUN 702 - PARK	0	0	0	1049.017	0	538.1716	4.478632
107 LOUDOUN 703 - ROLL	0	0	0	1509.984	0	453.3147	2.239316
107 LOUDOUN 705 - FORE	0	0	0	1519.226	0	796.092	4.478632
107 LOUDOUN 707 - CLAU	0	0	0	1081.365	0	462.247	0
107 LOUDOUN 708 - SENE	0	0	0	1035.153	0	674.3893	3.358974
107 LOUDOUN 709 - MIRR	0	0	0	1292.786	0	566.085	6.717949
107 LOUDOUN 710 - STER	0	0	0	1013.202	0	476.762	6.717949
107 LOUDOUN 808 - STON	0	0	0	1461.461	0	968.0389	4.478632
107 LOUDOUN 810 - CEDA	0	0	0	1302.029	0	767.062	1.119658
107 LOUDOUN 813 - SELDI	0	0	0	1043.24	0	505.792	2.239316
107 LOUDOUN 814 - NEW	0	0	0	1132.199	0	1030.565	3.358974
107 LOUDOUN 815 - BELM	0	0	0	1221.157	0	876.4828	1.119658
107 LOUDOUN 817 - SAND	0	0	0	1479.946	0	1030.565	3.358974
107 LOUDOUN 818 - BROA	0	0	0	1005.115	0	686.6712	1.119658
107 LOUDOUN 819 - HERIT	0	0	0	936.9523	0	643.1262	0
107 LOUDOUN 820 - BELM	0	0	0	1101.006	0	706.7689	1.119658
107 LOUDOUN 822 - RIVEF	0	0	0	827.1984	0	556.0362	4.478632
109 LOUISA CO 101 - ZION	0	0	0	917.5317	24.12183	982.6425	2
109 LOUISA CO 102 - MECH	0	0	0	387.1536	9.86802	510.7581	0
109 LOUISA CO 201 - LOUIS	0	0	0	411.7703	10.96447	587.4258	2

109 LOUISA CO 202 - LOUISA	0	0	0	403.9378	13.15736	544.2327	1
109 LOUISA CO 301 - PATR	0	0	0	1013.761	19.73604	791.5131	0
109 LOUISA CO 302 - PATR	0	0	0	212.5988	2.192893	267.7971	0
109 LOUISA CO 401 - MINE	0	0	0	524.7834	25.21827	969.6845	0
109 LOUISA CO 402 - YANC	0	0	0	251.7618	8.771574	253.7593	0
109 LOUISA CO 501 - FRED	0	0	0	273.0216	7.675127	230.0031	0
109 LOUISA CO 502 - CUCK	0	0	0	281.9732	10.96447	518.3169	0
109 LOUISA CO 503 - ELK C	0	0	0	203.6473	10.96447	467.565	0
109 LOUISA CO 601 - BUMI	0	0	0	224.9072	19.73604	666.2532	0
109 LOUISA CO 602 - LOCU	0	0	0	387.1536	10.96447	794.7526	0
109 LOUISA CO 701 - SHEL	0	0	0	407.2946	23.02538	806.6307	0
109 LOUISA CO 702 - SOUT	0	0	0	354.7043	18.63959	590.6653	0
111 LUNENBUR 101 - PLYM	0	0	0	151.7762	0	344.8829	0
111 LUNENBUR 201 - BROV	0	0	0	179.3718	0	343.825	1
111 LUNENBUR 301 - ROSE	0	0	0	73.58845	0	279.2917	1
111 LUNENBUR 302 - FLAT	0	0	0	160.9747	0	208.4108	0
111 LUNENBUR 401 - ARRC	0	0	0	55.19134	0	185.1365	0
111 LUNENBUR 402 - PLEA	0	0	0	143.7274	0	301.5081	1
111 LUNENBUR 501 - REED	0	0	0	182.8213	0	150.2251	1
111 LUNENBUR 502 - PEOP	0	0	0	290.9043	0	121.6612	1
111 LUNENBUR 601 - HOU	0	0	0	375.991	0	235.9168	1
111 LUNENBUR 701 - MEHI	0	0	0	139.1282	0	163.9781	1
111 LUNENBUR 702 - VICT	0	0	0	157.5253	0	222.1638	1
113 MADISON (001 - OAK I	0	0	0	323.6238	0	364.7681	2
113 MADISON (002 - RADII	0	0	0	418.6742	0	582.3491	1
113 MADISON (003 - ROCK	0	0	0	145.9702	0	354.1024	0
113 MADISON (004 - GRAV	0	0	0	21.49949	0	43.72951	1
113 MADISON (005 - MADI	0	0	0	442.4368	0	687.9399	2
113 MADISON (006 - WOLF	0	0	0	242.1521	0	407.431	1
113 MADISON (007 - BRIGI	0	0	0	306.6506	0	816.9952	2
113 MADISON (008 - CRIGI	0	0	0	194.6269	0	333.8375	1
113 MADISON (009 - ETLAI	0	0	0	106.3659	0	221.8473	0
115 MATHEWS 001 - CHES	0	0	0	307.4374	0	726.0161	0
115 MATHEWS 002 - WEST	0	0	0	532.2434	0	1075.107	1.2
115 MATHEWS 003 - PIANI	0	0	0	538.3192	0	1225.877	4.8
117 MECKLENB 101 - WRIG	0	0	0	248.9802	0	213.2797	0
117 MECKLENB 102 - PEAR	0	0	0	45.57226	0	116.9249	1.1
117 MECKLENB 103 - SOUT	0	0	0	392.366	0	325.874	1.1
117 MECKLENB 201 - BOYD	0	0	0	225.6383	0	186.2137	0
117 MECKLENB 202 - BLUE	0	0	0	104.4827	0	64.95827	0
117 MECKLENB 203 - CHAS	0	0	0	273.4336	0	76.86729	0
117 MECKLENB 301 - BRAC	0	0	0	253.4262	0	629.0126	1.1
117 MECKLENB 302 - LACR	0	0	0	246.7571	0	292.3122	0
117 MECKLENB 401 - AMEF	0	0	0	759.1672	0	380.0059	1.1
117 MECKLENB 402 - PARK	0	0	0	106.7058	0	67.12355	0
117 MECKLENB 501 - SOUT	0	0	0	553.5362	0	725.3674	1.1
117 MECKLENB 601 - BASK	0	0	0	212.3	0	342.1136	3.3

117 MECKLENB 602 - UNIO	0	0	0	64.46808	0	241.4282	0
117 MECKLENB 603 - SMIT	0	0	0	88.92148	0	147.2387	0
117 MECKLENB 604 - LAKE	0	0	0	104.4827	0	210.0317	0
117 MECKLENB 701 - CHAS	0	0	0	262.3184	0	300.9733	0
117 MECKLENB 702 - SUNS	0	0	0	200.0733	0	293.3949	0
117 MECKLENB 801 - FINCH	0	0	0	84.47541	0	110.4291	0
117 MECKLENB 802 - BLUE	0	0	0	212.3	0	461.2037	0
117 MECKLENB 803 - CHAS	0	0	0	233.4189	0	267.4116	0
117 MECKLENB 901 - AVER	0	0	0	31.12252	0	143.9908	0
117 MECKLENB 902 - BUFF	0	0	0	70.02567	0	239.263	2.2
117 MECKLENB 903 - CLAR	0	0	0	379.0278	0	780.5819	0
119 MIDDLESEY 101 - SALU	0	0	0	130.0803	0	229.5544	1
119 MIDDLESEY 102 - URBA	0	0	0	221.2477	0	438.6321	0
119 MIDDLESEY 201 - NEW	0	0	0	283.5083	0	890.1969	0
119 MIDDLESEY 302 - CHUR	0	0	0	412.4768	0	517.3057	2
119 MIDDLESEY 401 - HARM	0	0	0	384.6819	0	505.4508	1
119 MIDDLESEY 501 - WILT	0	0	0	368.0049	0	746.8601	0
121 MONTGOM 101 - PREC	814.8375	578.5385	1	1104.756	0	752.2588	0
121 MONTGOM 102 - PREC	0	0	0	1288.882	0	333.5189	1.029412
121 MONTGOM 103 - PREC	0	0	0	1734.033	0	716.487	2.058824
121 MONTGOM 201 - PREC	0	0	0	120.2234	0	118.8885	0
121 MONTGOM 202 - PREC	940.031	982.0481	9	991.0308	0	955.3161	1.029412
121 MONTGOM 203 - PREC	0	0	0	549.1285	0	677.559	3.088235
121 MONTGOM 204 - PREC	0	0	0	1230.395	0	1147.852	3.088235
121 MONTGOM 301 - PREC	387.4525	936.9808	2	412.6587	0	994.2441	3.088235
121 MONTGOM 302 - PREC	0	0	0	569.7073	0	900.6063	0
121 MONTGOM 303 - PREC	154.3335	366.8269	1	158.1317	0	371.3949	0
121 MONTGOM 304 - PREC	598.9865	810.1635	3	669.352	0	879.5641	2.058824
121 MONTGOM 401 - PREC	0	0	0	401.8278	0	566.0353	0
121 MONTGOM 402 - PREC	0	0	0	431.0713	0	1055.267	0
121 MONTGOM 403 - PREC	0	0	0	353.0886	0	794.3432	0
121 MONTGOM 404 - PREC	0	0	0	183.0428	0	463.9806	0
121 MONTGOM 405 - PREC	0	0	0	760.3318	0	933.2217	2.058824
121 MONTGOM 501 - PREC	0	0	0	955.2887	0	727.0081	1.029412
121 MONTGOM 502 - PREC	0	0	0	491.7246	0	634.4224	0
121 MONTGOM 503 - PREC	0	0	0	1061.432	0	366.1343	5.147059
121 MONTGOM 601 - PREC	0	0	0	1569.403	0	516.5861	3.088235
121 MONTGOM 602 - PREC	0	0	0	1449.179	0	445.0426	3.088235
121 MONTGOM 603 - PREC	0	0	0	397.4954	0	207.2657	3.088235
121 MONTGOM 701 - PREC	59.35902	31.44231	0	1843.426	0	635.4746	1.029412
121 MONTGOM 702 - PREC	0	0	0	1243.392	0	313.5288	1.029412
125 NELSON CC 101 - ROCK	0	0	0	821.3683	0	720.4116	1.083333
125 NELSON CC 201 - LOVIN	0	0	0	385.7438	0	431.3969	3.25
125 NELSON CC 202 - SCHU	0	0	0	257.1625	0	246.5125	4.333333
125 NELSON CC 301 - SHIP	0	0	0	514.3251	0	535.5272	1.083333
125 NELSON CC 302 - GLAD	0	0	0	72.04985	0	103.0677	0
125 NELSON CC 401 - ROSE	0	0	0	515.4335	0	719.3491	2.166667

125 NELSON CC 402 - MON	0	0	0	37.68761	0	69.06601	0
125 NELSON CC 501 - FABE	0	0	0	324.7785	0	251.8253	1.083333
125 NELSON CC 502 - NELL	0	0	0	740.4508	0	608.8435	0
127 NEW KENT 102 - TUNS	0	0	0	115.5133	0	414.2565	1
127 NEW KENT 103 - SOUT	0	0	0	377.0527	0	1152.944	1
127 NEW KENT 201 - QUIN	0	0	0	575.3868	0	997.5973	2
127 NEW KENT 202 - KENT	0	0	0	202.6931	0	674.2236	0
127 NEW KENT 301 - WATI	0	0	0	471.8607	0	541.0697	0
127 NEW KENT 302 - CUMI	0	0	0	409.7451	0	761.9361	1
127 NEW KENT 401 - PROV	0	0	0	563.3996	0	943.7017	1
127 NEW KENT 403 - MOU	0	0	0	208.1418	0	391.0074	1
127 NEW KENT 501 - ELTH	0	0	0	237.565	0	527.3316	0
127 NEW KENT 502 - CHIC	0	0	0	250.642	0	854.9325	0
131 NORTHAM 101 - PREC	0	0	0	628.4996	0	656.093	4.571429
131 NORTHAM 201 - PREC	0	0	0	667.641	0	287.7404	1.142857
131 NORTHAM 301 - PREC	0	0	0	579.2932	0	267.5874	1.142857
131 NORTHAM 401 - PREC	0	0	0	487.5904	0	549.7298	0
131 NORTHAM 501 - PREC	0	0	0	443.9757	0	550.8494	1.142857
133 NORTHUM 101 - 1A	0	0	0	376.4211	0	634.0712	1.5
133 NORTHUM 201 - 2A	0	0	0	414.5113	0	841.3637	0
133 NORTHUM 301 - 3A	0	0	0	421.2331	0	216.1606	0
133 NORTHUM 302 - 3B	0	0	0	239.7444	0	82.03019	0
133 NORTHUM 401 - 4A	0	0	0	482.8496	0	1063.067	1.5
133 NORTHUM 501 - 5A	0	0	0	449.2406	0	1055.307	0
135 NOTTOWA 101 - PREC	0	0	0	259.3938	10.47619	349.8594	0
135 NOTTOWA 102 - PREC	0	0	0	167.2125	4.190476	287.8049	0
135 NOTTOWA 201 - PREC	0	0	0	312.9875	11.52381	439.7316	0
135 NOTTOWA 202 - PREC	0	0	0	88.96563	6.285714	268.5465	0
135 NOTTOWA 301 - PREC	0	0	0	345.1438	7.333333	210.7716	0
135 NOTTOWA 302 - PREC	0	0	0	146.8469	2.095238	230.0299	0
135 NOTTOWA 401 - PREC	0	0	0	415.8875	6.285714	109.1305	1
135 NOTTOWA 402 - PREC	0	0	0	173.6438	7.333333	381.9566	0
135 NOTTOWA 501 - PREC	0	0	0	490.9188	10.47619	584.169	0
137 ORANGE C101 - ONE	0	0	0	652.3088	9.89441	948.4866	0
137 ORANGE C102 - ONE	0	0	0	711.0055	14.29193	795.7461	0
137 ORANGE C1201 - TWO	0	0	0	500.5833	16.49068	964.5084	2.222222
137 ORANGE C1202 - TWO	0	0	0	378.76	26.38509	875.8548	1.111111
137 ORANGE C1301 - THRE	0	0	0	872.6984	19.78882	887.6041	1.111111
137 ORANGE C1302 - THRE	0	0	0	219.2821	3.298137	356.7506	0
137 ORANGE C1401 - FOUR	0	0	0	388.7273	16.49068	1068.116	1.111111
137 ORANGE C1402 - FOUR	0	0	0	661.1687	18.68944	807.4954	2.222222
137 ORANGE C1501 - FIVE	0	0	0	779.6696	23.08696	976.2576	1.111111
137 ORANGE C1502 - FIVE	0	0	0	842.7963	28.58385	1116.181	1.111111
139 PAGE COUI101 - WEST	0	0	0	609.4645	0	1064.056	0
139 PAGE COUI201 - EAST	0	0	0	609.4645	0	1188.003	2
139 PAGE COUI301 - MARI	0	0	0	427.5181	0	1372.874	1
139 PAGE COUI401 - NEWI	0	0	0	354.9628	0	998.9311	0

139	PAGE COUI501 - SHEN	0	0	0	370.5901	0	1274.136	4
141	PATRICK C(101 - ARAR	0	0	0	117.5806	0	296.2807	0
141	PATRICK C(102 - CLAU	0	0	0	70.76613	0	323.0209	1
141	PATRICK C(103 - WILLI	0	0	0	87.09677	0	334.7865	0
141	PATRICK C(201 - DRY F	0	0	0	58.79032	0	197.877	0
141	PATRICK C(202 - PATR	0	0	0	153.5081	0	564.7517	0
141	PATRICK C(203 - RUSS	0	0	0	120.8468	0	393.6148	1
141	PATRICK C(301 - CRITZ	0	0	0	216.6532	0	575.4478	2
141	PATRICK C(302 - LIBER	0	0	0	88.18548	0	454.5824	1
141	PATRICK C(401 - MEAI	0	0	0	193.7903	0	378.6404	1
141	PATRICK C(402 - STUA	0	0	0	190.5242	0	495.2274	4
141	PATRICK C(501 - STUA	0	0	0	65.32258	0	232.1044	0
141	PATRICK C(502 - ELAM	0	0	0	112.1371	0	356.1787	0
141	PATRICK C(503 - WOO	0	0	0	144.7984	0	468.4872	0
143	PITTSYLVAI103 - TWIN	0	0	0	363.3677	0	1680.698	4
143	PITTSYLVAI105 - CHAT	0	0	0	228.8674	0	540.3367	1
143	PITTSYLVAI106 - TUNS	0	0	0	186.5649	0	654.4776	4
143	PITTSYLVAI108 - WEST	0	0	0	167.0407	0	350.8	1
143	PITTSYLVAI201 - CALL	0	0	0	174.6334	0	550.8083	0
143	PITTSYLVAI202- BEARS	0	0	0	74.8429	0	152.886	0
143	PITTSYLVAI204 - SAND	0	0	0	130.1616	0	371.7433	4
143	PITTSYLVAI206 - CLIM	0	0	0	114.976	0	443.9976	2
143	PITTSYLVAI207 - GRET	0	0	0	340.5894	0	998.9946	1
143	PITTSYLVAI301 - CENT	0	0	0	405.6702	0	257.6024	0
143	PITTSYLVAI305 - RICEV	0	0	0	374.2145	0	295.3003	1
143	PITTSYLVAI307 - EAST	0	0	0	680.0942	0	200.0084	0
143	PITTSYLVAI308 - MT A	0	0	0	216.9359	0	154.9803	0
143	PITTSYLVAI309 - EAST	0	0	0	187.6496	0	230.3761	2
143	PITTSYLVAI402 - KEELI	0	0	0	144.2624	0	651.3361	0
143	PITTSYLVAI404 - KENT	0	0	0	357.9443	0	1101.617	0
143	PITTSYLVAI405 - RINGI	0	0	0	457.7348	0	1092.192	1
143	PITTSYLVAI501 - HURT	0	0	0	404.5855	0	805.2692	3
143	PITTSYLVAI502 - MOTI	0	0	0	387.2306	0	885.9009	1
143	PITTSYLVAI503 - RENA	0	0	0	202.8351	0	500.5445	0
143	PITTSYLVAI603 - STON	0	0	0	248.3916	0	719.4018	1
143	PITTSYLVAI604 - SWAI	0	0	0	286.3554	0	516.2519	1
143	PITTSYLVAI605 - WHIT	0	0	0	235.3755	0	573.846	0
143	PITTSYLVAI606 - BROS	0	0	0	388.3153	0	394.7809	0
143	PITTSYLVAI607 - DRY F	0	0	0	80.2663	0	286.923	0
143	PITTSYLVAI702 - BACH	0	0	0	194.1577	0	964.4382	0
143	PITTSYLVAI703 - FERR'	0	0	0	84.60501	0	163.3576	0
143	PITTSYLVAI704 - MT H	0	0	0	511.9688	0	1266.021	3
143	PITTSYLVAI705 - MT C	0	0	0	158.3632	0	624.1098	1
145	POWHATA|101 - SUBL	0	0	0	479.3533	22.3	1188.751	2
145	POWHATA|102 - MAN.	0	0	0	408.502	15.92857	869.3213	1
145	POWHATA|103 - FLAT	0	0	0	244.6584	15.92857	676.377	1
145	POWHATA|201 - POW	0	0	0	292.2616	16.99048	981.8722	0

145 POWHATA|202 - GRAC	0	0	0	469.3899	27.60952	1226.268	0
145 POWHATA|301 - BETH	0	0	0	418.4655	25.48571	960.4339	1
145 POWHATA|302 - LEE'S	0	0	0	329.9014	16.99048	829.6606	0
145 POWHATA|401 - POW	0	0	0	542.4553	32.91905	1576.784	1
145 POWHATA|402 - MT ZI	0	0	0	212.5539	14.86667	571.3296	1
145 POWHATA|501 - SMIT	0	0	0	505.9226	9.557143	714.9659	0
145 POWHATA|502 - PINE\	0	0	0	301.118	10.61905	410.5426	0
145 POWHATA|503 - TOBA	0	0	0	128.418	13.80476	427.6932	1
147 PRINCE ED|101 - FARM	0	0	0	514.993	0	410.3205	1
147 PRINCE ED|201 - LOCK	0	0	0	550.1789	0	582.356	1
147 PRINCE ED|301 - LEIGH	0	0	0	357.1898	0	333.3854	1
147 PRINCE ED|302 - MT P	0	0	0	218.5788	0	139.9791	2
147 PRINCE ED|401 - HAM	0	0	0	390.2432	0	354.7563	0
147 PRINCE ED|501 - DARL	0	0	0	205.784	0	346.2079	0
147 PRINCE ED|502 - BUFF	0	0	0	148.2071	0	180.5838	0
147 PRINCE ED|601 - PROS	0	0	0	575.7686	0	449.8566	1
147 PRINCE ED|701 - WEST	0	0	0	484.0721	0	335.5225	1
147 PRINCE ED|801 - CENT	0	0	0	369.9846	0	94.03179	1
149 PRINCE GE|101 - RICH	0	0	0	345.1459	14.21875	530.1608	1
149 PRINCE GE|102 - TEMF	0	0	0	553.1185	22.96875	1558.416	1
149 PRINCE GE|103 - UNIO	0	0	0	613.9615	16.40625	743.9353	1
149 PRINCE GE|104 - RIVES	0	0	0	536.5249	10.9375	389.0696	1
149 PRINCE GE|105 - HARR	0	0	0	111.7299	4.375	367.6922	0
149 PRINCE GE|201 - BLAN	0	0	0	740.0726	16.40625	1191.793	1
149 PRINCE GE|202 - BLAC	0	0	0	452.4509	13.125	903.1973	1
149 PRINCE GE|203 - BRAN	0	0	0	178.1042	5.46875	382.6564	0
149 PRINCE GE|204 - COUF	0	0	0	956.895	26.25	757.8307	1
149 PRINCE GE|205 - JEFFE	0	0	0	832.9965	9.84375	314.2485	1
153 PRINCE WI|101 - BREN	0	0	0	531.6894	0	1243.067	4.683761
153 PRINCE WI|102 - CEDA	0	0	0	1440.139	0	1182.233	1.17094
153 PRINCE WI|103 - GLEN	0	0	0	978.8718	0	934.3088	5.854701
153 PRINCE WI|104 - NOKE	0	0	0	863.8485	0	1238.476	2.34188
153 PRINCE WI|105 - LIME	0	0	0	1468.308	0	1212.076	4.683761
153 PRINCE WI|106 - WEST	0	0	0	961.2662	0	296.1323	1.17094
153 PRINCE WI|107 - MAR	0	0	0	1507.04	0	1231.589	5.854701
153 PRINCE WI|108 - VICT	0	0	0	1612.674	0	1020.394	4.683761
153 PRINCE WI|109 - PINE\	0	0	0	1302.815	0	775.9124	5.854701
153 PRINCE WI|110 - BUCK	0	0	0	1003.416	0	791.4032	12.69231
153 PRINCE WI|111 - BRIST	0	0	0	1514.082	0	1236.18	2.34188
153 PRINCE WI|112 - BURK	0	0	0	1442.248	0	1168.378	4.615385
153 PRINCE WI|201 - SAUN	0	0	0	1113.744	23.60932	393.1916	0
153 PRINCE WI|202 - MAR	0	0	0	949.5292	0	1156.982	3.512821
153 PRINCE WI|203 - BENN	0	0	0	1165.491	0	1051.384	7.025641
153 PRINCE WI|204 - ELLIS	0	0	0	1002.346	0	633.5853	5.854701
153 PRINCE WI|205 - BUCK	0	0	0	1254.855	0	1131.835	1.153846
153 PRINCE WI|206 - COLE	0	0	0	753.5201	0	914.7962	2.34188
153 PRINCE WI|207 - SPRIC	0	0	0	1559.857	0	863.1452	4.683761

153 PRINCE WI 208 - HYLTI	0	0	0	651.4075	0	884.9534	2.34188
153 PRINCE WI 209 - INDEI	0	0	0	517.6049	0	905.6138	1.17094
153 PRINCE WI 210 - PENN	0	0	0	871.9305	5.621266	983.128	3.512821
153 PRINCE WI 211 - SIGN/	0	0	0	1105.252	0	913.4105	5.769231
153 PRINCE WI 212 - YORK	0	0	0	1753.959	0	949.4008	9.230769
153 PRINCE WI 213 - SARA	0	0	0	849.764	0	359.2612	0
153 PRINCE WI 214 - LUCA	0	0	0	480.0463	0	742.6263	3.512821
153 PRINCE WI 215 - ROSA	0	0	0	1069.056	30.35484	461.3751	0
153 PRINCE WI 301 - DUM	0	0	0	1030.098	22.48507	297.7346	1.064516
153 PRINCE WI 302 - POTC	0	0	0	2180.508	30.35484	345.4631	7.451613
153 PRINCE WI 303 - GRAF	0	0	0	786.0372	11.24253	234.0967	1.064516
153 PRINCE WI 304 - QUAI	0	0	0	156.1031	0	138.8837	0
153 PRINCE WI 305 - PATT	0	0	0	1048.121	0	800.0162	5.854701
153 PRINCE WI 306 - WASI	0	0	0	1132.627	0	880.3622	3.512821
153 PRINCE WI 307 - HENC	0	0	0	933.0973	0	798.8684	4.683761
153 PRINCE WI 308 - MON	0	0	0	647.8864	0	548.6481	2.34188
153 PRINCE WI 309 - ASHL	0	0	0	774.6468	0	642.7677	1.17094
153 PRINCE WI 310 - FORE	0	0	0	1181.923	0	485.5192	1.17094
153 PRINCE WI 311 - SWAI	0	0	0	1979.989	34.85185	560.2411	1.064516
153 PRINCE WI 312 - TRIA	0	0	0	1342.697	26.98208	464.4236	1.064516
153 PRINCE WI 313 - CARD	0	0	0	1016.43	0	447.6418	1.17094
153 PRINCE WI 314 - CABI	0	0	0	897.886	0	576.1953	3.512821
153 PRINCE WI 401 - EVER	0	0	0	867.952	0	1288.207	5.769231
153 PRINCE WI 402 - BATT	0	0	0	913.0906	0	1402.383	0
153 PRINCE WI 403 - BULL	0	0	0	996.9196	0	835.2245	0
153 PRINCE WI 404 - BEN I	0	0	0	1129.106	0	441.9028	7.025641
153 PRINCE WI 405 - UNIT'	0	0	0	1453.05	0	580.7865	10.53846
153 PRINCE WI 406 - ALVE'	0	0	0	472.0214	0	511.3113	4.615385
153 PRINCE WI 407 - HERIT	0	0	0	1074.3	0	1417.275	3.461538
153 PRINCE WI 408 - SUDL	0	0	0	725.3511	0	511.9186	1.17094
153 PRINCE WI 409 - TYLEF	0	0	0	1350.291	0	941.9545	9.230769
153 PRINCE WI 410 - MOU	0	0	0	1222.613	0	1200.092	1.153846
153 PRINCE WI 411 - MULL	0	0	0	1309.857	0	338.6008	3.512821
153 PRINCE WI 412 - CATH	0	0	0	573.9058	0	915.8926	5.769231
153 PRINCE WI 413 - REAG	0	0	0	1327.077	0	1406.106	8.076923
153 PRINCE WI 501 - LAKE	0	0	0	1115.022	0	643.9155	2.34188
153 PRINCE WI 502 - OCCC	0	0	0	835.3077	30.35484	367.0545	1.064516
153 PRINCE WI 503 - OLD E	0	0	0	1057.598	25.85783	363.6454	2.129032
153 PRINCE WI 504 - ROCK	0	0	0	847.9118	28.10633	442.0564	3.193548
153 PRINCE WI 505 - MOH	0	0	0	1156.102	0	730.0005	5.854701
153 PRINCE WI 506 - BETH	0	0	0	1480.408	33.7276	700.0173	5.322581
153 PRINCE WI 507 - CHINI	0	0	0	1109.16	23.60932	507.9671	3.193548
153 PRINCE WI 508 - SPRIN	0	0	0	927.2287	0	361.5568	2.34188
153 PRINCE WI 509 - MC C	0	0	0	1010.562	0	1083.523	4.683761
153 PRINCE WI 510 - YATE'	0	0	0	702.8734	0	778.1364	3.461538
153 PRINCE WI 511 - WEST	0	0	0	1308.684	0	752.9564	3.512821
153 PRINCE WI 512 - YORK	0	0	0	1479.262	29.23059	287.5071	1.064516

153 PRINCE WI 513 - LYNN	0	0	0	1087.39	24.73357	698.8809	1.064516
153 PRINCE WI 514 - ANTI	0	0	0	1356.659	38.22461	618.1971	3.193548
153 PRINCE WI 601 - DALE	0	0	0	1188.222	20.23656	245.4606	6.387097
153 PRINCE WI 602 - BEVIL	0	0	0	1758.844	33.7276	494.3304	8.516129
153 PRINCE WI 603 - HAM	0	0	0	1039.265	12.36679	211.3689	1.064516
153 PRINCE WI 604 - GIDE	0	0	0	1146.973	15.73955	302.2802	3.193548
153 PRINCE WI 605 - MINN	0	0	0	1062.181	29.23059	429.5561	2.129032
153 PRINCE WI 606 - BEL A	0	0	0	1098.848	14.61529	397.7371	1.064516
153 PRINCE WI 607 - KERR	0	0	0	1411.659	21.36081	406.8283	3.193548
153 PRINCE WI 608 - ENTE	0	0	0	1190.514	22.48507	369.3273	1.064516
153 PRINCE WI 609 - KING	0	0	0	1543.37	37.10036	505.7286	3.193548
153 PRINCE WI 610 - FITZG	0	0	0	1438.013	19.11231	389.7824	6.387097
153 PRINCE WI 611 - NEAB	0	0	0	981.9736	19.11231	285.2343	2.129032
153 PRINCE WI 701 - BELM	0	0	0	1149.264	23.60932	582.969	2.129032
153 PRINCE WI 702 - LIBRA	0	0	0	1424.263	25.85783	340.9175	1.064516
153 PRINCE WI 703 - LYNN	0	0	0	830.7244	17.98805	136.367	1.064516
153 PRINCE WI 704 - PORT	0	0	0	1338.326	30.35484	190.9138	7.451613
153 PRINCE WI 705 - POTC	0	0	0	758.5373	20.23656	337.5084	1.064516
153 PRINCE WI 706 - RIPP	0	0	0	1330.305	24.73357	468.1934	2.129032
153 PRINCE WI 707 - KILBY	0	0	0	1061.036	22.48507	303.4166	3.193548
153 PRINCE WI 708 - RIVEF	0	0	0	1558.324	21.36081	269.3248	1.064516
153 PRINCE WI 709 - FREEI	0	0	0	1591.553	23.60932	245.4606	6.387097
153 PRINCE WI 710 - POW	0	0	0	1322.284	19.11231	214.778	1.064516
153 PRINCE WI 711 - GRAY	0	0	0	1416.242	23.60932	305.6894	0
153 PRINCE WI 712 - LEESY	0	0	0	1231.764	23.60932	542.0589	2.129032
155 PULASKI CC 101 - BELSF	0	0	0	162.1541	0	354.5193	1
155 PULASKI CC 102 - NEW	0	0	0	722.7133	0	868.3614	2
155 PULASKI CC 103 - WEST	0	0	0	253.4329	0	557.1018	1
155 PULASKI CC 201 - DRAP	0	0	0	240.5465	0	690.0466	2
155 PULASKI CC 202 - SOUT	0	0	0	62.28435	0	118.1731	0
155 PULASKI CC 203 - NEWI	0	0	0	509.0135	0	926.3928	0
155 PULASKI CC 301 - DUBL	0	0	0	385.5187	0	929.5581	0
155 PULASKI CC 302 - HIWA	0	0	0	70.8753	0	226.8502	0
155 PULASKI CC 304 - SNOV	0	0	0	217.9952	0	562.3774	1
155 PULASKI CC 401 - MASS	0	0	0	576.6672	0	1181.731	2
155 PULASKI CC 402 - WALF	0	0	0	133.1597	0	457.9208	1
155 PULASKI CC 501 - ROBII	0	0	0	721.6394	0	1147.967	5
157 RAPPAHAN 101 - WASF	0	0	0	423.6492	0	399.9682	1
157 RAPPAHAN 201 - AMIS	0	0	0	297.8598	0	497.2578	1
157 RAPPAHAN 301 - SPERI	0	0	0	421.2758	0	329.7035	1
157 RAPPAHAN 401 - SCRA	0	0	0	344.1408	0	350.2425	2
157 RAPPAHAN 501 - CHES	0	0	0	110.3624	0	251.8719	1
157 RAPPAHAN 502 - FLINT	0	0	0	239.7119	0	212.9561	0
159 RICHMOND 101 - PREC	0	0	0	368.9583	0	239.8226	0
159 RICHMOND 201 - PREC	0	0	0	164.45	0	413.5608	0
159 RICHMOND 301 - PREC	0	0	0	173.9375	0	364.5304	0
159 RICHMOND 401 - PREC	0	0	0	166.5583	0	433.8125	0

159	RICHMOND	501 - PREC	0	0	0	138.0958	0	441.2736	1
161	ROANOKE	101 - CATA	133.7607	360.843	0	146.533	0	343.006	0
161	ROANOKE	102 - MAS	123.8115	356.5473	1.045455	130.2516	0	355.7099	0
161	ROANOKE	103 - GLEN	373.6455	834.4495	2.090909	356.021	0	850.1044	3
161	ROANOKE	104 - NORT	0	0	0	462.3931	0	521.9196	1
161	ROANOKE	105 - PETE	0	0	0	810.8161	0	1190.993	1
161	ROANOKE	106 - GREE	643.3777	1270.468	3.136364	640.4036	0	1252.395	1
161	ROANOKE	107 - BENN	171.3463	491.8634	1.045455	178.0105	0	478.5145	2
161	ROANOKE	108 - WILD	334.9544	664.7673	3.136364	337.5687	0	652.1349	1
161	ROANOKE	201 - PLAN	0	0	0	511.2084	0	739.8333	11.75
161	ROANOKE	202 - BURL	0	0	0	420.5454	0	472.85	0
161	ROANOKE	203 - MOU	0	0	0	716.5656	0	1292.028	1.175
161	ROANOKE	204 - BOTE	0	0	0	672.9665	0	935.8559	2
161	ROANOKE	205 - ORCH	0	0	0	726.3965	0	1495.75	2.35
161	ROANOKE	206 - HOLL	0	0	0	321.1437	0	369.9167	1.175
161	ROANOKE	301 - BENT	191.2446	300.7025	1.045455	191.0357	0	295.3663	0
161	ROANOKE	302 - POAC	706.3889	1409.006	1.045455	718.7502	0	1407.828	0
161	ROANOKE	303 - WINC	0	0	0	501.3775	0	672.2833	3.525
161	ROANOKE	304 - OAK	841.255	1310.204	6.272727	872.7682	0	1283.45	1.175
161	ROANOKE	305 - CAST	960.6447	1388.601	0	1007.124	0	1359.578	5.875
161	ROANOKE	306 - GARS	0	0	0	493.7312	0	515.7389	1.175
161	ROANOKE	402 - BONS	0	0	0	135.4484	0	284.1389	0
161	ROANOKE	403 - NORT	0	0	0	403.0681	0	767.7111	0
161	ROANOKE	404 - SOUT	0	0	0	573.4709	0	845.9833	3.525
161	ROANOKE	405 - LIND	0	0	0	703.4577	0	1416.406	1.175
161	ROANOKE	406 - MOU	0	0	0	500.2851	0	1152.639	2.35
161	ROANOKE	501 - COTT	464.2932	731.3515	2.090909	479.5309	0	723.75	0
161	ROANOKE	502 - PENN	415.653	588.5178	0	432.5609	0	573.6389	1.175
161	ROANOKE	503 - CAVE	551.6245	779.6786	2.090909	554.9014	0	789.1556	1.175
161	ROANOKE	504 - OGD	0	0	0	586.5788	0	530.75	2.35
161	ROANOKE	505 - CLEA	0	0	0	311.3128	0	613.3111	1.175
161	ROANOKE	506 - MOU	0	0	0	457.6844	0	529.6778	2.35
161	ROANOKE	507 - HUN	0	0	0	770.0895	0	1077.583	3.525
163	ROCKBRID	101 - AIRP	0	0	0	398.4571	0	488.4394	0
163	ROCKBRID	102 - BEN	0	0	0	212.1363	0	405.0734	0
163	ROCKBRID	103 - PLAN	0	0	0	96.52764	0	249.0293	0
163	ROCKBRID	104 - EFFIN	0	0	0	120.0983	0	244.7541	0
163	ROCKBRID	201 - COLLI	0	0	0	248.0536	0	365.528	0
163	ROCKBRID	202 - HIGH	0	0	0	425.395	0	709.68	0
163	ROCKBRID	203 - VO-TI	0	0	0	167.2397	0	145.3561	0
163	ROCKBRID	301 - MAU	0	0	0	186.3208	0	342.0145	0
163	ROCKBRID	302 - NATL	0	0	0	143.669	0	384.7663	0
163	ROCKBRID	303 - FALLI	0	0	0	76.32418	0	210.5527	0
163	ROCKBRID	401 - FAIRF	0	0	0	198.6673	0	434.9996	0
163	ROCKBRID	402 - MOU	0	0	0	235.707	0	606.0069	0
163	ROCKBRID	403 - VESU	0	0	0	65.10003	0	237.2725	0
163	ROCKBRID	501 - GOSH	0	0	0	48.26382	0	249.0293	0

163 ROCKBRID(502 - MEAL	0	0	0	262.645	0	327.0513	0
163 ROCKBRID(503 - ROCK	0	0	0	175.0966	0	241.5477	0
163 ROCKBRID(504 - ROCK	0	0	0	250.2984	0	417.8989	0
165 ROCKINGH 101 - BROA	0	0	0	489.0098	0	1080.283	0
165 ROCKINGH 102 - TIMB	0	0	0	220.491	0	517.5262	1
165 ROCKINGH 103 - FULK'	0	0	0	130.9848	0	652.1671	0
165 ROCKINGH 104 - BERG	0	0	0	50.21083	0	252.4518	0
165 ROCKINGH 105 - LACE'	0	0	0	128.8017	0	558.5496	0
165 ROCKINGH 106 - TENT	0	0	0	152.8156	0	458.6208	1
165 ROCKINGH 107 - PLAIN	0	0	0	169.1887	0	523.8375	0
165 ROCKINGH 108 - LITTL	0	0	0	117.8863	0	359.7438	1
165 ROCKINGH 201 - SINGI	0	0	0	256.5119	0	751.0441	1
165 ROCKINGH 202 - EDON	0	0	0	571.9669	0	1031.897	3
165 ROCKINGH 203 - DAYT	0	0	0	265.2442	0	501.7479	1
165 ROCKINGH 204 - MT C	0	0	0	316.5466	0	789.9637	0
165 ROCKINGH 205 - SILVE	0	0	0	518.4814	0	923.5528	1
165 ROCKINGH 301 - KEEZI	0	0	0	229.2234	0	537.5119	2
165 ROCKINGH 302 - PORT	0	0	0	311.0889	0	825.7277	0
165 ROCKINGH 303 - MELR	0	0	0	177.921	0	482.8141	0
165 ROCKINGH 304 - GROT	0	0	0	327.462	0	767.8742	2
165 ROCKINGH 305 - MASS	0	0	0	676.7547	0	833.0909	2
165 ROCKINGH 306 - CROS	0	0	0	136.4425	0	299.7865	0
165 ROCKINGH 307 - CROS	0	0	0	802.2818	0	1079.231	1
165 ROCKINGH 401 - WEST	0	0	0	348.2012	0	611.1437	1
165 ROCKINGH 402 - MON	0	0	0	259.7865	0	854.1286	2
165 ROCKINGH 403 - MT C	0	0	0	62.21777	0	120.9665	0
165 ROCKINGH 404 - NORT	0	0	0	379.8559	0	775.2374	2
165 ROCKINGH 405 - OTTC	0	0	0	227.0403	0	1015.067	0
165 ROCKINGH 406 - EAST	0	0	0	627.6354	0	785.7562	1
165 ROCKINGH 501 - ELKT	0	0	0	354.7504	0	826.7796	4
165 ROCKINGH 502 - SWIF'	0	0	0	281.6173	0	1267.518	2
165 ROCKINGH 503 - MCG,	0	0	0	431.1582	0	1063.453	1
165 ROCKINGH 504 - SOUT	0	0	0	146.2663	0	563.809	0
165 ROCKINGH 505 - STON	0	0	0	586.1569	0	764.7186	0
167 RUSSELL C(101 - MOC	0	0	0	153.1634	0	508.8534	1.2
167 RUSSELL C(102 - COPP	0	0	0	150.911	0	366.3744	0
167 RUSSELL C(103 - SOUT	0	0	0	143.0276	0	275.3165	0
167 RUSSELL C(201 - NORT	0	0	0	318.715	0	731.6776	1.2
167 RUSSELL C(202 - DANT	0	0	0	96.85332	0	128.5524	0
167 RUSSELL C(301 - COOK	0	0	0	61.94108	0	147.8353	0
167 RUSSELL C(302 - DAUC	0	0	0	76.5817	0	235.6795	0
167 RUSSELL C(303 - NEW	0	0	0	190.328	0	428.5081	0
167 RUSSELL C(304 - CLEVI	0	0	0	138.5228	0	213.1828	1.2
167 RUSSELL C(401 - DRILL	0	0	0	45.04806	0	40.70827	0
167 RUSSELL C(402 - SWOI	0	0	0	194.8328	0	693.1118	0
167 RUSSELL C(403 - HON/	0	0	0	158.7944	0	284.9579	0
167 RUSSELL C(501 - WEST	0	0	0	478.6356	0	985.5686	0

167 RUSSELL C601 - EAST	0	0	0	236.5023	0	557.0605	0
167 RUSSELL C602 - ELK G	0	0	0	251.1429	0	685.613	2.4
169 SCOTT COL 101 - WEBE	0	0	0	143.482	0	446.0076	2
169 SCOTT COL 102 - YUM/	0	0	0	165.2216	0	540.5187	0
169 SCOTT COL 202 - WEBE	0	0	0	92.39369	0	355.7442	0
169 SCOTT COL 203 - HILTC	0	0	0	136.9601	0	572.3764	0
169 SCOTT COL 204 - CLAR	0	0	0	31.52255	0	168.8457	0
169 SCOTT COL 301 - NICKI	0	0	0	107.6115	0	410.9641	0
169 SCOTT COL 302 - SNOV	0	0	0	83.69781	0	320.7007	0
169 SCOTT COL 303 - TWIN	0	0	0	91.3067	0	268.6665	1
169 SCOTT COL 304 - COPP	0	0	0	29.34858	0	83.89191	1
169 SCOTT COL 401 - GATE	0	0	0	305.4427	0	986.5263	0
169 SCOTT COL 501 - DUNC	0	0	0	108.6985	0	181.5888	0
169 SCOTT COL 502 - FORT	0	0	0	76.08892	0	211.3227	0
169 SCOTT COL 503 - MAN'	0	0	0	20.65271	0	135.9261	0
169 SCOTT COL 504 - RYE C	0	0	0	70.65399	0	339.8153	1
169 SCOTT COL 601 - CLINC	0	0	0	46.74034	0	224.0657	0
169 SCOTT COL 602 - DUFF	0	0	0	132.6121	0	510.7849	1
169 SCOTT COL 603 - FAIRV	0	0	0	44.56637	0	107.2542	0
171 SHENANDC 101 - ORKN	0	0	0	297.2313	0	517.9339	1.25
171 SHENANDC 103 - NEW	0	0	0	584.5914	0	1368.147	0
171 SHENANDC 201 - CONI	0	0	0	340.0062	0	1021.1	0
171 SHENANDC 202 - MT JA	0	0	0	358.6517	0	774.2636	2.5
171 SHENANDC 302 - EDINI	0	0	0	368.5229	0	883.9686	1.25
171 SHENANDC 303 - ST LU	0	0	0	254.4563	0	935.6565	1.25
171 SHENANDC 304 - FORT	0	0	0	201.8102	0	511.6047	0
171 SHENANDC 401 - WOO	0	0	0	1013.438	0	1525.32	0
171 SHENANDC 501 - CEDA	0	0	0	51.54933	0	69.62044	0
171 SHENANDC 503 - TOM'	0	0	0	504.5254	0	1208.864	2.5
171 SHENANDC 504 - LEBAI	0	0	0	331.2319	0	891.3526	0
171 SHENANDC 601 - STRA'	0	0	0	962.9854	0	1503.169	1.25
173 SMYTH CO| 101 - SALT	0	0	0	381.5834	0	847.347	1
173 SMYTH CO| 201 - SEVEI	0	0	0	230.874	0	680.5708	0
173 SMYTH CO| 202 - RICH	0	0	0	109.0238	0	243.431	1
173 SMYTH CO| 301 - CHILF	0	0	0	298.2123	0	878.4233	0
173 SMYTH CO| 302 - ST CL	0	0	0	63.06281	0	297.2965	0
173 SMYTH CO| 401 - EAST	0	0	0	321.7272	0	552.1222	0
173 SMYTH CO| 402 - WEST	0	0	0	165.6735	0	248.6104	0
173 SMYTH CO| 501 - ATKIN	0	0	0	208.4279	0	680.5708	0
173 SMYTH CO| 502 - WASS	0	0	0	270.4219	0	381.2025	0
173 SMYTH CO| 601 - ROYA	0	0	0	275.7662	0	553.158	0
173 SMYTH CO| 602 - ROYA	0	0	0	137.8831	0	341.8392	0
173 SMYTH CO| 701 - ADW	0	0	0	179.5687	0	706.4678	0
173 SMYTH CO| 702 - SUGA	0	0	0	166.7423	0	362.5568	1
173 SMYTH CO| 703 - KONN	0	0	0	16.03292	0	69.40372	0
175 SOUTHAMI 101 - BERLI	0	0	0	91.78754	17.30233	397.6393	0
175 SOUTHAMI 102 - IVOR	0	0	0	297.5182	9.732558	433.1242	0

175 SOUTHAMI201 - BOYK	0	0	0	415.6815	9.732558	275.5296	0
175 SOUTHAMI202 - BRAN	0	0	0	92.84257	2.162791	137.7648	0
175 SOUTHAMI301 - CAPR	0	0	0	297.5182	5.406977	295.3594	0
175 SOUTHAMI302 - SEBRI	0	0	0	207.8407	1.081395	323.5385	0
175 SOUTHAMI401 - DREV	0	0	0	227.8863	2.162791	183.6864	1
175 SOUTHAMI501 - HUN7	0	0	0	279.5827	10.81395	568.8016	0
175 SOUTHAMI502 - FORK	0	0	0	164.5845	2.162791	195.1668	0
175 SOUTHAMI601 - COUF	0	0	0	328.1141	14.05814	428.9495	3
175 SOUTHAMI602 - SEDLI	0	0	0	53.80649	7.569767	252.5688	0
175 SOUTHAMI701 - BLAC	0	0	0	238.4366	4.325581	125.2407	0
175 SOUTHAMI702 - NEW!	0	0	0	199.4005	6.488372	349.6304	0
177 SPOTSYLVA 101 - PART	0	0	0	393.05	22.96732	1004.606	0
177 SPOTSYLVA 102 - BLAYI	0	0	0	489.6085	25.15468	984.735	3.6
177 SPOTSYLVA 103 - TRAV	0	0	0	945.1279	20.77996	1195.634	1.2
177 SPOTSYLVA 104 - MASS	0	0	0	830.9121	0	1128.332	1
177 SPOTSYLVA 201 - WILD	0	0	0	849.715	25.15468	973.6953	1.2
177 SPOTSYLVA 202 - WILD	0	0	0	678.1816	25.15468	1047.661	0
177 SPOTSYLVA 203 - NI RIV	0	0	0	595.2549	12.0305	1110.587	0
177 SPOTSYLVA 204 - CHAN	0	0	0	1190.51	24.061	1041.037	1.2
177 SPOTSYLVA 301 - PLAN	0	0	0	996.2567	22.96732	1073.052	2.4
177 SPOTSYLVA 302 - HAZE	0	0	0	1229.133	36.0915	1036.621	2.4
177 SPOTSYLVA 303 - RIVER	0	0	0	1279.116	32.81046	1640.489	2.4
177 SPOTSYLVA 401 - SUMI	0	0	0	1185.722	0	1177.83	2
177 SPOTSYLVA 402 - PARK	0	0	0	1337.012	5.46841	1014.874	4.2
177 SPOTSYLVA 403 - LEE H	0	0	0	1319.484	0	1333.074	1
177 SPOTSYLVA 501 - BELM	0	0	0	407.8177	20.77996	877.6506	0
177 SPOTSYLVA 502 - BROK	0	0	0	366.9224	10.93682	822.4524	0
177 SPOTSYLVA 503 - POST	0	0	0	353.2906	16.40523	928.4329	0
177 SPOTSYLVA 504 - COUF	0	0	0	854.2589	24.061	1143.706	0
177 SPOTSYLVA 505 - BROK	0	0	0	707.7171	21.87364	1384.37	0
177 SPOTSYLVA 601 - SALEI	0	0	0	1191.646	37.18519	1071.948	0
177 SPOTSYLVA 602 - SMITI	0	0	0	1575.608	39.37255	1273.973	3.6
177 SPOTSYLVA 603 - PIEDI	0	0	0	746.3406	28.43573	667.8976	1.2
177 SPOTSYLVA 701 - BATT	0	0	0	867.1865	0	831.343	0
177 SPOTSYLVA 702 - BREN	0	0	0	1202.811	18.59259	1050.253	6.4
177 SPOTSYLVA 703 - FAIRV	0	0	0	664.2227	6.562092	458.6029	1
177 SPOTSYLVA 704 - GAYL	0	0	0	1461.096	25.15468	1445.145	2.2
179 STAFFORD 101 - HART	0	0	0	1069.551	0	2254.707	3.083333
179 STAFFORD 102 - ROCK	0	0	0	975.9237	0	1049.605	2.055556
179 STAFFORD 103 - SIMP!	0	0	0	942.8789	0	1198.623	3.083333
179 STAFFORD 104 - COLLI	0	0	0	1138.945	0	1428.629	5.138889
179 STAFFORD 201 - ROCK	0	0	0	800.7861	0	945.9401	4.111111
179 STAFFORD 202 - ROSE	0	0	0	1177.497	0	1197.543	4.111111
179 STAFFORD 203 - RUBY	0	0	0	526.5141	0	1132.752	1.027778
179 STAFFORD 204 - STEF!	0	0	0	993.5476	0	1443.747	0
179 STAFFORD 301 - GRIFF	0	0	0	1090.479	0	466.491	2.055556
179 STAFFORD 302 - WIDE	0	0	0	1393.39	0	988.0539	6.166667

179 STAFFORD 303 - HARB	0	0	0 591.5023	0	798.002	3.083333
179 STAFFORD 304 - BARR	0	0	0 556.2545	0	416.8184	1.027778
179 STAFFORD 401 - AQUI	0	0	0 615.7352	0	247.2834	0
179 STAFFORD 402 - COUF	0	0	0 1839.495	0	959.978	9.25
179 STAFFORD 403 - BROC	0	0	0 1030.998	0	1534.453	1.027778
179 STAFFORD 404 - GOVE	0	0	0 677.4188	0	961.0579	0
179 STAFFORD 501 - GRAF	0	0	0 1116.915	0	1565.768	3.083333
179 STAFFORD 502 - FALM	0	0	0 869.0788	0	984.8144	0
179 STAFFORD 503 - DREV	0	0	0 881.1952	0	986.9741	2.055556
179 STAFFORD 504 - GAYL	0	0	0 1027.694	0	771.006	4.111111
179 STAFFORD 601 - FERR'	0	0	0 732.4935	0	1146.79	2.055556
179 STAFFORD 602 - CHAT	0	0	0 1061.84	0	1168.387	0
179 STAFFORD 603 - WHIT	0	0	0 739.1025	0	1580.886	3.083333
179 STAFFORD 604 - ENGL	0	0	0 861.3683	0	381.1836	7.194444
179 STAFFORD 701 - WOO	0	0	0 1320.691	0	1313.086	4.111111
179 STAFFORD 702 - WHIT	0	0	0 1184.106	0	764.5269	1.027778
179 STAFFORD 703 - HAMI	0	0	0 1547.599	0	1526.894	2.055556
181 SURRY COL 101 - SURR	0	0	0 315.6495	8	416	2
181 SURRY COL 201 - BACC	0	0	0 442.9113	11	249	1
181 SURRY COL 301 - DENC	0	0	0 179.3691	5	178	0
181 SURRY COL 302 - WALL	0	0	0 171.3526	1	146	0
181 SURRY COL 401 - CARS	0	0	0 411.8474	1	249	0
181 SURRY COL 501 - CLAR	0	0	0 231.4763	3	208	1
181 SURRY COL 502 - SPRIN	0	0	0 191.3938	2	32	2
183 SUSSEX CO 101 - WAVI	0	0	0 462.298	5	136.2368	0
183 SUSSEX CO 201 - STON	0	0	0 342.0169	3	137.2929	0
183 SUSSEX CO 202 - LITTL	0	0	0 81.58201	0	45.41226	0
183 SUSSEX CO 301 - COUF	0	0	0 186.1743	3	327.3907	0
183 SUSSEX CO 302 - WAKI	0	0	0 21.96439	1	121.4514	0
183 SUSSEX CO 401 - MAR'	0	0	0 346.2006	8	206.9954	1
183 SUSSEX CO 402 - WEST	0	0	0 59.61762	0	11.61709	0
183 SUSSEX CO 501 - HENR	0	0	0 288.6748	1	161.5832	0
183 SUSSEX CO 502 - YALE	0	0	0 135.97	2	86.60013	0
183 SUSSEX CO 601 - BLAC	0	0	0 190.358	4	253.4638	0
183 SUSSEX CO 602 - NEW'	0	0	0 117.1434	2	130.9563	0
185 TAZEWEELL 101 - INDIA	0	0	0 83.97764	0	329.1979	0
185 TAZEWEELL 102 - TIP T	0	0	0 57.80279	0	249.2955	0
185 TAZEWEELL 103 - MUN	0	0	0 111.2431	0	533.748	1.090909
185 TAZEWEELL 104 - FALLS	0	0	0 52.3497	0	280.1911	0
185 TAZEWEELL 106 - POCA	0	0	0 54.53094	0	137.4321	0
185 TAZEWEELL 107 - AMO	0	0	0 10.90619	0	52.2029	0
185 TAZEWEELL 109 - BISHC	0	0	0 16.35928	0	95.88288	0
185 TAZEWEELL 112 - BANC	0	0	0 31.62794	0	100.1443	0
185 TAZEWEELL 203 - BURK	0	0	0 15.26866	0	86.29459	0
185 TAZEWEELL 204 - CLEAI	0	0	0 64.34651	0	323.8711	0
185 TAZEWEELL 207 - FREE'	0	0	0 29.44671	0	101.2097	0
185 TAZEWEELL 209 - JEFFE	0	0	0 465.6942	0	1421.197	2.181818

185 TAZEWE	214 - THOM	0	0	0	74.16208	0	351.5706	0
185 TAZEWE	301 - CEDA	0	0	0	259.5673	0	1264.589	1.090909
185 TAZEWE	302 - BAPT	0	0	0	74.16208	0	213.0731	0
185 TAZEWE	303 - PAIN	0	0	0	205.0363	0	853.3577	2.181818
185 TAZEWE	401 - RICHI	0	0	0	572.5749	0	1867.585	5.454545
185 TAZEWE	402 - JEWEL	0	0	0	37.08104	0	137.4321	0
185 TAZEWE	501 - SPRIN	0	0	0	146.1429	0	829.9196	0
185 TAZEWE	502 - GRAF	0	0	0	369.7198	0	1414.805	0
187 WARREN	C 101 - FORK	0	0	0	369.4898	0	522.279	3
187 WARREN	C 102 - OTTE	0	0	0	553.1351	0	1249.249	1
187 WARREN	C 201 - HAPP	0	0	0	633.4111	0	1059.33	2
187 WARREN	C 202 - LIND	0	0	0	577.3279	0	900.008	5
187 WARREN	C 301 - NORT	0	0	0	510.2479	0	724.8599	3
187 WARREN	C 302 - RIVE	0	0	0	415.6761	0	1009.739	1
187 WARREN	C 401 - EAST	0	0	0	629.0125	0	1398.02	4
187 WARREN	C 402 - TOWI	0	0	0	320.0046	0	630.9552	0
187 WARREN	C 501 - SOUT	0	0	0	675.1987	0	953.8186	4
187 WARREN	C 502 - BENT	0	0	0	172.6485	0	422.0436	0
187 WARREN	C 504 - BROV	0	0	0	174.8479	0	319.698	0
191 WASHING	T 101 - EAST	0	0	0	754.3408	0	1218.624	2.272727
191 WASHING	T 102 - WEST	0	0	0	426.0732	0	587.7816	1.136364
191 WASHING	T 201 - CLIN	0	0	0	143.8981	0	439.2214	0
191 WASHING	T 202 - GREE	0	0	0	211.3503	0	782.6322	0
191 WASHING	T 203 - HAYT	0	0	0	69.70064	0	289.5847	0
191 WASHING	T 204 WOOD	0	0	0	321.5223	0	668.5208	0
191 WASHING	T 301 - WAT	0	0	0	483.4076	0	1198.17	4.545455
191 WASHING	T 302 - SOUT	0	0	0	644.1688	0	961.3351	1.136364
191 WASHING	T 401 - GLAD	0	0	0	354.1242	0	840.7645	2.272727
191 WASHING	T 402 - MEAL	0	0	0	445.1847	0	1006.549	4.545455
191 WASHING	T 501 - RHEA	0	0	0	441.8121	0	1310.129	0
191 WASHING	T 502 - DAM	0	0	0	338.3854	0	516.7311	1.136364
191 WASHING	T 504 - GREE	0	0	0	38.22293	0	105.4993	0
191 WASHING	T 601 - BURS	0	0	0	273.1815	0	1098.053	0
191 WASHING	T 602 - MENI	0	0	0	48.34076	0	229.2994	1.136364
191 WASHING	T 603 - VALLI	0	0	0	225.965	0	851.5297	1.136364
191 WASHING	T 701 - HIGH	0	0	0	261.9395	0	977.4829	2.272727
191 WASHING	T 702 - WALL	0	0	0	142.7739	0	448.9101	0
191 WASHING	T 703 - JOHN	0	0	0	376.6083	0	959.182	3.409091
193 WESTMOR	101 - PREC	0	0	0	602.9265	0	296.263	1
193 WESTMOR	102 - PREC	0	0	0	314.2324	0	232.3847	0
193 WESTMOR	201 - PREC	0	0	0	512.9872	0	517.6342	0
193 WESTMOR	202 - PREC	0	0	0	188.7615	0	352.4318	0
193 WESTMOR	301 - PREC	0	0	0	286.4734	0	344.7224	1
193 WESTMOR	302 - PREC	0	0	0	270.9283	0	294.0603	1
193 WESTMOR	401 - PREC	0	0	0	386.406	0	932.843	1
193 WESTMOR	501 - PREC	0	0	0	566.2846	0	865.6606	2
195 WISE COUN	101 - APPA	0	0	0	257.621	0	404.5154	0

195 WISE COUN 102 - DORC	0	0	0	115.7111	0	342.6107	0
195 WISE COUN 103 - GUES	0	0	0	114.6195	0	342.6107	0
195 WISE COUN 104 - WEST	0	0	0	305.652	0	866.6663	1.285714
195 WISE COUN 201 - NORT	0	0	0	125.5356	0	472.8241	0
195 WISE COUN 202 - WISE	0	0	0	542.5323	0	1187.931	2.571429
195 WISE COUN 203 - EAST	0	0	0	70.95493	0	234.8111	0
195 WISE COUN 301 - BIG S	0	0	0	414.8134	0	954.1868	1.285714
195 WISE COUN 302 - EAST	0	0	0	338.4004	0	1079.064	2.571429
195 WISE COUN 401 - CLINC	0	0	0	278.3617	0	909.3592	1.285714
195 WISE COUN 402 - SOUT	0	0	0	234.6971	0	959.5234	0
195 WISE COUN 403 - ST PA	0	0	0	156.1008	0	267.8981	0
197 WYTHE CO 101 - ROYA	0	0	0	76.84075	0	336.2019	1.222222
197 WYTHE CO 102 - RURA	0	0	0	346.3245	0	1063.068	1.222222
197 WYTHE CO 203 - WEST	0	0	0	632.0423	0	1075.637	1.222222
197 WYTHE CO 303 - EAST	0	0	0	675.3328	0	1208.651	0
197 WYTHE CO 401 - FORT	0	0	0	195.8898	0	728.9611	1.222222
197 WYTHE CO 402 - MAX	0	0	0	200.2189	0	728.9611	0
197 WYTHE CO 501 - JACKS	0	0	0	149.3525	0	510.0633	1.222222
197 WYTHE CO 502 - SHEFI	0	0	0	191.5608	0	807.5129	1.222222
197 WYTHE CO 601 - HUDI	0	0	0	73.59396	0	373.9068	0
197 WYTHE CO 602 - ZION	0	0	0	181.8204	0	570.81	1.222222
197 WYTHE CO 603 - EVERI	0	0	0	145.0234	0	425.2273	2.444444
199 YORK COUN 101 - QUEE	0	0	0	861.9213	0	784.9939	1.142857
199 YORK COUN 102 - WALL	0	0	0	1011.143	0	1097.048	4.571429
199 YORK COUN 103 - MAG	0	0	0	1638.096	0	841.142	1.142857
199 YORK COUN 201 - COVE	0	0	0	1358.584	0	1464.17	5.714286
199 YORK COUN 202 - KILN	0	0	0	707.1318	0	778.5153	2.285714
199 YORK COUN 301 - SEAF	0	0	0	733.8581	0	1928.472	4.571429
199 YORK COUN 302 - YORK	0	0	0	840.763	0	1190.988	2.285714
199 YORK COUN 303 - EDGE	0	0	0	1119.161	0	958.8371	2.285714
199 YORK COUN 401 - HARV	0	0	0	885.3068	0	1623.976	3.428571
199 YORK COUN 402 - DARE	0	0	0	855.2397	0	1662.848	4.571429
199 YORK COUN 403 - GRAF	0	0	0	535.6384	0	783.9141	3.428571
199 YORK COUN 501 - TABB	0	0	0	1099.117	0	1614.258	5.714286
199 YORK COUN 502 - BETH	0	0	0	1314.04	0	1337.837	6.857143
510 ALEXANDR 101 - LADR	0	0	0	1302.107	0	497.6235	2.253731
510 ALEXANDR 102 - CITY I	0	0	0	1174.426	0	558.3662	6.761194
510 ALEXANDR 103 - LYLES	0	0	0	1938.104	0	747.6033	12.39552
510 ALEXANDR 104 - DURAF	0	0	0	1679.128	0	410.0137	7.88806
510 ALEXANDR 105 - LEE C	0	0	0	2451.238	0	705.5506	3.380597
510 ALEXANDR 106 - CORA	0	0	0	2482.556	0	448.562	9.014925
510 ALEXANDR 107 - MT V	0	0	0	2729.487	0	499.9597	12.39552
510 ALEXANDR 108 - GEOR	0	0	0	2682.51	0	542.0124	7.88806
510 ALEXANDR 109 - FIRE I	0	0	0	1404.493	0	511.641	2.253731
510 ALEXANDR 110 - CHAR	0	0	0	1850.173	0	407.6774	9.014925
510 ALEXANDR 111 - POTC	0	0	0	881.723	0	293.2007	0
510 ALEXANDR 201 - MAU	0	0	0	1721.287	0	422.8631	9.014925

510 ALEXANDR 202 - GEOR	0	0	0	1610.47	0	579.3926	2.253731
510 ALEXANDR 203 - CHAR	0	0	0	1780.31	0	446.2257	2.253731
510 ALEXANDR 204 - BLESS	0	0	0	1557.47	0	550.1893	7.88806
510 ALEXANDR 205 - DOUC	0	0	0	2012.786	0	654.1529	3.380597
510 ALEXANDR 206 - CHIN	0	0	0	1505.675	0	436.8807	3.380597
510 ALEXANDR 207 - TEMF	0	0	0	1930.877	0	674.0111	6.761194
510 ALEXANDR 208 - NOV	0	0	0	2206.717	0	502.296	7.88806
510 ALEXANDR 209 - JAME	0	0	0	2180.217	0	495.2872	6.761194
510 ALEXANDR 210 - The F	0	0	0	1027.472	0	316.5633	3.380597
510 ALEXANDR 302 - PATR	0	0	0	1608.06	0	308.3864	6.761194
510 ALEXANDR 303 - CHAR	0	0	0	1897.15	0	336.4215	1.126866
510 ALEXANDR 304 - SAMI	0	0	0	2768.032	0	452.0664	5.634328
510 ALEXANDR 305 - JOHN	0	0	0	1941.718	0	350.439	4.507463
510 ALEXANDR 306 - WILLI	0	0	0	2056.149	0	334.0852	3.380597
510 ALEXANDR 307 - SOUT	0	0	0	1730.923	0	384.3148	2.253731
510 ALEXANDR 308 - CAMI	0	0	0	1894.741	0	703.2144	1.126866
520 BRISTOL CI' 001 - FIRST	0	0	0	299.9194	0	635.3603	0
520 BRISTOL CI' 002 - SECO	0	0	0	499.4981	0	843.1783	8
520 BRISTOL CI' 003 - THIRI	0	0	0	349.5384	0	424.2951	0
520 BRISTOL CI' 004 - FOUR	0	0	0	602.0441	0	1618.166	3
530 BUENA VIS' 001 - FIRST	0	0	0	303	0	694	3
530 BUENA VIS' 002 - SECO	0	0	0	261	0	497	1
540 CHARLOTTI 101 - Key R	0	0	0	2289.788	0	422.3385	4.377358
540 CHARLOTTI 102 - CLAR	0	0	0	2242.493	0	343.0104	7.660377
540 CHARLOTTI 201 - CARV	0	0	0	2079.843	0	215.6385	5.471698
540 CHARLOTTI 202 - WAL	0	0	0	2444.363	0	557.5316	7.660377
540 CHARLOTTI 301 - BENJ	0	0	0	1978.331	0	235.7498	4.377358
540 CHARLOTTI 302 - JOHN	0	0	0	2445.517	0	511.7223	13.13208
540 CHARLOTTI 303 - BUFC	0	0	0	1340.42	0	183.2368	4.377358
540 CHARLOTTI 401 - VENA	0	0	0	1242.369	0	196.6444	1.09434
540 CHARLOTTI 402 - ALUN	0	0	0	1358.877	0	344.1277	9.849057
550 CHESAPEAI 001 - GRE	0	0	0	567.4159	30.69373	956.5309	1.06
550 CHESAPEAI 002 - BETH	0	0	0	321.3879	22.2265	1178.755	0
550 CHESAPEAI 003 - CAMI	0	0	0	1856.417	0	0	28.53302
550 CHESAPEAI 004 - CHUF	0	0	0	687.2468	0	0	181.7659
550 CHESAPEAI 005 - CRES	0	0	0	1440.452	0	0	44.3847
550 CHESAPEAI 006 - DEEP	0	0	0	1595.857	46.5698	1178.755	3.18
550 CHESAPEAI 007 - GREE	0	0	0	785.738	17.99288	1069.253	2.12
550 CHESAPEAI 008 - SOUT	0	0	0	1167.043	0	0	145.8355
550 CHESAPEAI 009 - BELL	0	0	0	1046.173	37.04416	1805.707	2.12
550 CHESAPEAI 010 - OSCA	0	0	0	504.2647	0	0	82.42874
550 CHESAPEAI 011 - GENE	0	0	0	715.9708	0	0	139.4948
550 CHESAPEAI 012 - GEOR	0	0	0	1274.492	0	0	45.44148
550 CHESAPEAI 013 - GILM	0	0	0	847.8881	0	0	177.5388
550 CHESAPEAI 014 - GRAS	0	0	0	230.5127	7.408832	295.2256	0
550 CHESAPEAI 015 - B M \	0	0	0	1035.126	0	0	118.3592
550 CHESAPEAI 016 - HICK	0	0	0	499.8136	21.16809	1204.52	1.06

550 CHESAPEAI017 - INDIA	0	0	0	308.0891	20.10969	813.749	4.24
550 CHESAPEAI018 - INDIA	0	0	0	841.505	0	0	109.905
550 CHESAPEAI019 - JOLLI	0	0	0	404.5054	22.2265	694.5853	0
550 CHESAPEAI020 - E W C	0	0	0	840.4839	27.51852	987.6637	6.347115
550 CHESAPEAI021 - FELL	0	0	0	1000.019	0	0	214.5261
550 CHESAPEAI022 - NORF	0	0	0	541.4994	0	0	166.971
550 CHESAPEAI023 - OAK (	0	0	0	975.246	20.10969	718.2033	1.06
550 CHESAPEAI024 - OAKL	0	0	0	981.9331	0	0	107.7914
550 CHESAPEAI025 - ST JU	0	0	0	517.0309	0	0	68.69061
550 CHESAPEAI026 - JOHN	0	0	0	555.3295	0	0	45.44148
550 CHESAPEAI027 - SILVE	0	0	0	1115.978	0	0	231.4345
550 CHESAPEAI028 - SUNR	0	0	0	98.63284	2.116809	162.1057	0
550 CHESAPEAI029 - TANG	0	0	0	629.7989	0	0	196.5608
550 CHESAPEAI030 - SOUT	0	0	0	673.4168	0	0	10.56779
550 CHESAPEAI031 - CARV	0	0	0	1417.048	0	0	49.6686
550 CHESAPEAI032 - PROV	0	0	0	1747.905	0	0	68.69061
550 CHESAPEAI033 - WEST	0	0	0	504.2647	0	0	151.1194
550 CHESAPEAI034 - HICK	0	0	0	630.5852	29.63533	1583.483	4.24
550 CHESAPEAI035 - TAYL	0	0	0	813.8449	0	0	68.69061
550 CHESAPEAI036 - GREA	0	0	0	947.5402	51.86182	1528.732	0
550 CHESAPEAI037 - BRID	0	0	0	550.7923	26.46011	772.9542	1.06
550 CHESAPEAI038 - BAILE	0	0	0	667.0337	0	0	213.4693
550 CHESAPEAI039 - LAKE	0	0	0	226.0798	10.58405	411.1687	0
550 CHESAPEAI040 - RIVEF	0	0	0	1388.324	0	0	185.993
550 CHESAPEAI041 - JOHN	0	0	0	1429.622	40.21937	1034.9	4.24
550 CHESAPEAI042 - PARK	0	0	0	1000.019	0	0	110.9618
550 CHESAPEAI043 - PLEA'	0	0	0	376.7996	14.81766	947.9425	1.06
550 CHESAPEAI044 - NANS	0	0	0	887.2505	0	0	121.5295
550 CHESAPEAI045 - SUNR	0	0	0	425.5619	14.81766	188.9444	1.06
550 CHESAPEAI046 - BELL	0	0	0	658.2911	21.16809	733.233	0
550 CHESAPEAI047 - GREE	0	0	0	277.0585	14.81766	549.6563	1.06
550 CHESAPEAI048 - JOLLI	0	0	0	1629.104	12.70085	138.4876	1.06
550 CHESAPEAI049 - WATI	0	0	0	1430.73	30.69373	1485.79	4.24
550 CHESAPEAI050 - RIVEF	0	0	0	992.9778	26.46011	625.8782	1.06
550 CHESAPEAI051 - COOF	0	0	0	514.2206	24.3433	1321.537	3.18
550 CHESAPEAI052 - SHIPY	0	0	0	1039.524	22.2265	640.9079	2.12
550 CHESAPEAI053 - FAIRV	0	0	0	801.0787	0	0	122.5863
550 CHESAPEAI054 - PUGH	0	0	0	1194.703	0	0	119.416
550 CHESAPEAI055 - GEOR	0	0	0	977.6777	0	0	47.55504
550 CHESAPEAI056 - GREE	0	0	0	885.1228	0	0	145.8355
550 CHESAPEAI057 - CYPR	0	0	0	1072.36	0	0	122.5863
550 CHESAPEAI058 - EXPR	0	0	0	474.3242	13.75926	156.7379	1.06
550 CHESAPEAI059 - CLEAI	0	0	0	636.1264	14.81766	575.4215	1.06
550 CHESAPEAI060 - PARK	0	0	0	689.3216	43.39459	1329.052	4.24
550 CHESAPEAI061 - CENT	0	0	0	436.6442	14.81766	916.8096	0
550 CHESAPEAI062 - FENT	0	0	0	551.9006	27.51852	1093.945	4.24
550 CHESAPEAI063 - POPL	0	0	0	295.8985	12.70085	764.3658	1.06

570 COLONIAL 001 - FIRST	0	0	0	363.8633	25.56522	552.8117	0
570 COLONIAL 002 - SECO	0	0	0	320.5991	24.5	671.5885	0
570 COLONIAL 003 - THIRI	0	0	0	420.4396	18.1087	838.0981	1
570 COLONIAL 004 - FOUR	0	0	0	510.2961	13.84783	1035.689	0
570 COLONIAL 005 - FIFTH	0	0	0	332.8018	15.97826	1258.812	1
580 COVINGTO 101 - PREC	0	0	0	121.9777	0	176.9489	0
580 COVINGTO 201 - PREC	0	0	0	157.7298	0	172.7607	1
580 COVINGTO 301 - PREC	0	0	0	180.8635	0	108.8916	0
580 COVINGTO 401 - PREC	0	0	0	154.5752	0	284.7935	0
580 COVINGTO 501 - PREC	0	0	0	139.8538	0	280.6053	0
590 DANVILLE (001 - WARI	0	0	0	368.8096	0	57.17546	0
590 DANVILLE (002 - WARI	0	0	0	295.6835	0	175.8415	0
590 DANVILLE (003 - WARI	0	0	0	698.4066	0	251.3563	4.571429
590 DANVILLE (004 - WARI	0	0	0	865.8546	0	763.7779	0
590 DANVILLE (006 - WARI	0	0	0	393.1849	0	47.46642	0
590 DANVILLE (007 - WARI	0	0	0	695.2272	0	97.09041	0
590 DANVILLE (008 - WARI	0	0	0	540.4968	0	230.8594	1.142857
590 DANVILLE (009 - WARI	0	0	0	403.7829	0	304.2166	0
590 DANVILLE (010 - WARI	0	0	0	576.5299	0	396.9919	1.142857
590 DANVILLE (011 - WARI	0	0	0	933.6817	0	402.3858	2.285714
590 DANVILLE (012 - WARI	0	0	0	919.9043	0	541.5487	2.285714
590 DANVILLE (013 - WARI	0	0	0	820.2833	0	414.2524	2.285714
590 DANVILLE (014 - WARI	0	0	0	198.1822	0	7.551476	0
590 DANVILLE (015 - WARI	0	0	0	579.7093	0	559.888	0
590 DANVILLE (016 - WARI	0	0	0	561.6927	0	746.5173	1.142857
590 DANVILLE (017 - WARI	0	0	0	364.5704	0	850.0804	1.142857
595 EMPORIA (101 - PREC	0	0	0	228.2253	1	84.65109	0
595 EMPORIA (201 - PREC	0	0	0	186.5403	3	8.360601	0
595 EMPORIA (301 - PREC	0	0	0	109.4231	2	140.0401	1
595 EMPORIA (401 - PREC	0	0	0	168.8242	3	155.7162	0
595 EMPORIA (501 - PREC	0	0	0	177.1612	1	9.405676	0
595 EMPORIA (601 - DISTF	0	0	0	126.0971	2	165.1219	0
595 EMPORIA (701 - DISTF	0	0	0	141.7289	0	62.70451	0
600 FAIRFAX CI' 001 - ONE	0	0	0	1128.776	38.04324	491.3199	5.052632
600 FAIRFAX CI' 002 - TWO	0	0	0	1068.862	29.09189	558.7335	6.315789
600 FAIRFAX CI' 003 - THRE	0	0	0	1509.828	52.58919	700.4165	3.789474
600 FAIRFAX CI' 004 - FOUR	0	0	0	1216.25	29.09189	556.4483	1.263158
600 FAIRFAX CI' 005 - FIVE	0	0	0	1089.233	33.56757	454.7565	6.315789
600 FAIRFAX CI' 006 - SIX	0	0	0	1076.052	24.61622	467.3252	1.263158
610 FALLS CHU 001 - FIRST	0	0	0	2058.514	0	489.2821	2.625
610 FALLS CHU 002 - SECO	0	0	0	1628.356	0	360.3333	7.875
610 FALLS CHU 003 - THIRI	0	0	0	2074.13	0	560.3846	10.5
620 FRANKLIN (101 - PREC	0	0	0	410.2084	0	0	93.69585
620 FRANKLIN (201 - PREC	0	0	0	315.6267	0	0	51.94009
620 FRANKLIN (301 - PREC	0	0	0	400.644	0	0	16.29493
620 FRANKLIN (401 - PREC	0	0	0	297.5605	0	0	4.073733
620 FRANKLIN (501 - PREC	0	0	0	346.4454	0	0	1.018433

620 FRANKLIN 601 - PREC	0	0	0 381.5151	0	0	53.97696
630 FREDERICK 101 - PREC	0	0	0 1614.213	0	1067.171	5
630 FREDERICK 201 - PREC	0	0	0 1797.471	0	912.6386	3
630 FREDERICK 301 - PREC	0	0	0 1288.298	0	875.6851	3
630 FREDERICK 401 - PREC	0	0	0 1040.295	0	294.5079	5
630 FREDERICK 402 - PREC	0	0	0 571.7232	0	242.997	0
640 GALAX CITY 001 - EAST	0	0	0 285.943	0	508.5886	0
640 GALAX CITY 003 - SOUT	0	0	0 163.396	0	319.2205	1
640 GALAX CITY 005 - WEST	0	0	0 208.6611	0	345.191	0
650 HAMPTON 101 - ABER	0	0	0 1392.283	0	0	53.39341
650 HAMPTON 102 - BASSI	0	0	0 1571.245	0	0	24.07938
650 HAMPTON 103 - CITY I	0	0	0 888.4192	0	0	39.78333
650 HAMPTON 104 - COOF	0	0	0 2189.09	0	0	79.56665
650 HAMPTON 105 - EAST	0	0	0 1611.724	0	0	56.5342
650 HAMPTON 106 - ARM	0	0	0 1360.325	0	0	142.3824
650 HAMPTON 107 - LIND	0	0	0 1453.002	0	0	40.83025
650 HAMPTON 108 - THOM	0	0	0 1837.558	0	0	59.67499
650 HAMPTON 109 - PHEN	0	0	0 1817.318	0	0	23.03245
650 HAMPTON 110 - PHOE	0	0	0 327.4201	0	165.5763	0
650 HAMPTON 111 - HAMI	0	0	0 466.5798	0	0	77.47279
650 HAMPTON 112 - SMIT	0	0	0 1750.207	0	0	172.7434
650 HAMPTON 115 - WYTH	0	0	0 721.1748	0	0	99.45831
650 HAMPTON 116 - JONE	0	0	0 686.0215	0	0	39.78333
650 HAMPTON 117 - KECO	0	0	0 1163.254	0	0	72.23814
650 HAMPTON 118 - MALL	0	0	0 1867.385	0	0	47.11183
650 HAMPTON 201 - BOOK	0	0	0 1003.731	0	944.9452	5
650 HAMPTON 202 - BRYA	0	0	0 1123.963	0	809.953	7
650 HAMPTON 203 - BURB	0	0	0 858.8069	0	513.603	5
650 HAMPTON 204 - FORR	0	0	0 1230.365	0	0	99.45831
650 HAMPTON 205 - ASBU	0	0	0 1167.977	0	1579.83	0
650 HAMPTON 208 - KRAF	0	0	0 1979.236	0	0	222.996
650 HAMPTON 209 - LANG	0	0	0 967.2312	0	660.1961	3
650 HAMPTON 210 - MACI	0	0	0 2142.219	0	0	155.9925
650 HAMPTON 212 - BETH	0	0	0 2282.832	0	0	158.0864
650 HAMPTON 213 - PHILL	0	0	0 1334.371	0	1241.295	6
650 HAMPTON 214 - TUCK	0	0	0 1577.636	0	0	189.4943
650 HAMPTON 215 - TYLEF	0	0	0 415.7286	0	11.60089	28.2671
650 HAMPTON 216 - SAND	0	0	0 961.9215	0	0	119.35
650 HAMPTON 217 - SYMS	0	0	0 570.9744	0	0	95.27059
660 HARRISON 101 - NORT	0	0	0 1423.621	0	610.7476	2.3
660 HARRISON 102 - EAST	0	0	0 741.2242	0	259.4036	0
660 HARRISON 103 - SOUT	0	0	0 1328.428	0	610.7476	4.6
660 HARRISON 104 - EAST	0	0	0 1172.268	0	669.8522	3.45
660 HARRISON 105 - South	0	0	0 835.3479	0	357.9112	1.15
660 HARRISON 201 - NORT	0	0	0 1167.99	0	712.5389	2.3
660 HARRISON 202 - SOUT	0	0	0 1263.183	0	719.106	4.6
660 HARRISON 203 - WES	0	0	0 1197.938	0	621.6929	4.6

670 HOPEWELL 101 - WARI	0	0	0	373.9955	24.5	370.2986	1
670 HOPEWELL 201 - WARI	0	0	0	584.5015	10.20833	103.3391	0
670 HOPEWELL 301 - WARI	0	0	0	388.9553	18.375	827.7895	0
670 HOPEWELL 401 - WARI	0	0	0	803.5561	15.3125	655.5576	0
670 HOPEWELL 501 - WARI	0	0	0	398.5724	10.20833	596.3529	0
670 HOPEWELL 601 - WARI	0	0	0	727.6884	10.20833	106.5685	1
670 HOPEWELL 701 - WARI	0	0	0	525.7308	9.1875	311.0938	0
678 LEXINGTON 001 - LEXIN	0	0	0	1431	0	697	5
680 LYNCHBUR 101 - FIRST	0	0	0	1143.648	0	1165.417	4.244898
680 LYNCHBUR 102 - FIRST	0	0	0	1053.782	0	1425.216	3.183673
680 LYNCHBUR 103 - FIRST	0	0	0	758.5092	0	965.571	2.122449
680 LYNCHBUR 104 - FIRST	0	0	0	481.4234	0	297.6651	1.061224
680 LYNCHBUR 105 - FIRST	0	0	0	652.5961	0	491.2001	3.183673
680 LYNCHBUR 201 - SECO	0	0	0	1618.652	0	428.0909	6.367347
680 LYNCHBUR 202 - SECO	0	0	0	1305.192	0	318.7015	4.244898
680 LYNCHBUR 203 - SECO	0	0	0	437.5603	0	116.7521	1.061224
680 LYNCHBUR 204 - SECO	0	0	0	297.4127	0	225.0895	4.244898
680 LYNCHBUR 301 - THIRI	0	0	0	528.4959	0	384.9662	0
680 LYNCHBUR 302 - THIRI	0	0	0	99.49416	0	980.2965	1.061224
680 LYNCHBUR 303 - THIRI	0	0	0	436.4905	0	555.3611	3.183673
680 LYNCHBUR 304 - THIRI	0	0	0	394.7672	0	590.0712	3.183673
680 LYNCHBUR 305 - THIRI	0	0	0	693.2496	0	1240.096	2.122449
680 LYNCHBUR 401 - FOUR	0	0	0	982.1036	0	1740.763	3.183673
680 LYNCHBUR 402 - FOUR	0	0	0	445.0491	0	582.7084	0
680 LYNCHBUR 403 - FOUR	0	0	0	889.0285	0	1031.836	4.244898
680 LYNCHBUR 404 - FOUR	0	0	0	973.545	0	1039.198	5.306122
683 MANASSAS 001 - DEAN	0	0	0	1275.19	0	573.3664	4.235294
683 MANASSAS 002 - WEEH	0	0	0	1529.291	0	930.5455	2.117647
683 MANASSAS 003 - METZ	0	0	0	1488.307	0	964.6185	2.117647
683 MANASSAS 004 - HAYD	0	0	0	1289.242	0	950.5193	2.117647
683 MANASSAS 005 - BALD	0	0	0	1197.906	0	739.0317	2.117647
683 MANASSAS 006 - ROUM	0	0	0	1014.063	0	959.9187	5.294118
685 MANASSAS 001 - PREC	0	0	0	1180.379	0	471.4555	3
685 MANASSAS 002 - PREC	0	0	0	839.8406	0	434.3878	0
685 MANASSAS 003 - PREC	0	0	0	938.7807	0	513.1567	0
690 MARTINSV 001 - PREC	0	0	0	478.5706	0	20.70814	2
690 MARTINSV 002 - PREC	0	0	0	577.0684	0	360.7577	4
690 MARTINSV 003 - PREC	0	0	0	395.0617	0	168.9349	5
690 MARTINSV 004 - PREC	0	0	0	639.1648	0	289.914	1
690 MARTINSV 005 - PREC	0	0	0	541.7377	0	827.2358	2
690 MARTINSV 006 - PREC	0	0	0	233.3969	0	5.449511	0
700 NEWPORT 101 - DENE	0	0	0	1724.689	0	0	126.1557
700 NEWPORT 102 - EPES	0	0	0	1660.539	0	0	93.83483
700 NEWPORT 103 - JENKI	0	0	0	1460.727	0	0	163.6897
700 NEWPORT 104 - MCIN	0	0	0	1193.611	0	0	75.06787
700 NEWPORT 105 - OYST	0	0	0	406.9845	0	0	30.23567
700 NEWPORT 106 - RESEI	0	0	0	1910.829	0	0	181.414

700 NEWPORT 107 - RICH	0	0	0	1682.623	0	0	167.8601
700 NEWPORT 108 - LEE H	0	0	0	1382.906	0	0	111.5592
700 NEWPORT 109 - WINE	0	0	0	859.1894	0	0	96.96266
700 NEWPORT 110 - GREE	0	0	0	1561.685	0	0	126.1557
700 NEWPORT 201 - BLAN	0	0	0	310.2336	0	0	32.32089
700 NEWPORT 202 - BOUL	0	0	0	968.5599	0	0	149.0931
700 NEWPORT 203 - CHAR	0	0	0	1589.027	0	0	300.2715
700 NEWPORT 204 - WELL	0	0	0	901.255	0	0	85.49396
700 NEWPORT 205 - DEEP	0	0	0	1170.475	0	0	237.7149
700 NEWPORT 208 - HIDEI	0	0	0	691.9787	0	0	143.8801
700 NEWPORT 209 - HILTC	0	0	0	1026.4	0	0	166.8175
700 NEWPORT 210 - NELSI	0	0	0	1659.487	0	0	305.4845
700 NEWPORT 211 - PALM	0	0	0	1338.737	0	0	155.3488
700 NEWPORT 212 - RIVEF	0	0	0	626.7771	0	0	112.6018
700 NEWPORT 213 - SANF	0	0	0	432.2238	0	0	109.474
700 NEWPORT 215 - WAR	0	0	0	653.0681	0	0	68.81221
700 NEWPORT 216 - YATE	0	0	0	686.7205	0	0	115.7296
700 NEWPORT 217 - RIVEF	0	0	0	1039.02	0	0	158.4766
700 NEWPORT 218 - KILN	0	0	0	1915.035	0	0	241.8854
700 NEWPORT 219 - DEER	0	0	0	1702.604	0	0	109.474
700 NEWPORT 302 - BRIAF	0	0	0	951.7337	0	0	59.42873
700 NEWPORT 303 - CARV	0	0	0	646.7582	0	0	52.13046
700 NEWPORT 304 - CHES	0	0	0	545.8009	0	0	3.127828
700 NEWPORT 305 - DOW	0	0	0	362.8156	0	0	19.80958
700 NEWPORT 306 - DUNE	0	0	0	168.2623	0	0	3.127828
700 NEWPORT 307 - HUNT	0	0	0	413.2943	0	0	3.127828
700 NEWPORT 308 - JEFFE	0	0	0	449.05	0	0	2.085219
700 NEWPORT 309 - MAG	0	0	0	551.0591	0	0	4.170437
700 NEWPORT 310 - MAR	0	0	0	707.7533	0	0	3.127828
700 NEWPORT 311 - NEWI	0	0	0	1369.235	0	0	83.40874
700 NEWPORT 312 - NEW	0	0	0	155.6426	0	0	0
700 NEWPORT 313 - REED	0	0	0	1026.4	0	0	10.42609
700 NEWPORT 314 - RIVEF	0	0	0	592.073	0	0	79.2383
700 NEWPORT 315 - SEDG	0	0	0	798.1943	0	0	125.1131
700 NEWPORT 316 - SOUT	0	0	0	1106.325	0	0	110.5166
700 NEWPORT 317 - WASI	0	0	0	318.6467	0	0	3.127828
700 NEWPORT 318 - WILSI	0	0	0	620.4673	0	0	19.80958
700 NEWPORT 319 - SAUN	0	0	0	1431.281	0	0	196.0105
700 NEWPORT 320 - WATI	0	0	0	1747.825	0	0	303.3993
710 NORFOLK C 101 - GRAN	0	0	0	1563.911	0	0	155.9467
710 NORFOLK C 102 - OCEA	0	0	0	536.1838	0	405.689	2.1
710 NORFOLK C 103 - NORT	0	0	0	741.7562	0	563.9811	4.2
710 NORFOLK C 104 - TITUS	0	0	0	665.5522	0	87.00823	5.260862
710 NORFOLK C 106 - SECO	0	0	0	1138.066	0	620.5889	1.05
710 NORFOLK C 201 - LARC	0	0	0	1680.7	0	0	178.2248
710 NORFOLK C 203 - GHEN	0	0	0	647.6482	0	0	49.86051
710 NORFOLK C 207 - LAME	0	0	0	1440.752	0	0	49.86051

710 NORFOLK (208 - LARC	0	0	0	836.6341	0	0	132.6077
710 NORFOLK (210 - MAU	0	0	0	1302.729	0	0	118.8165
710 NORFOLK (211 - CHRY	0	0	0	1670.083	0	0	163.3727
710 NORFOLK (212 - PARK	0	0	0	955.5466	0	0	19.09551
710 NORFOLK (213 - TAYL	0	0	0	1624.429	0	0	107.147
710 NORFOLK (214 - STUA	0	0	0	1570.282	0	0	112.4514
710 NORFOLK (215 - SUBU	0	0	0	875.2724	0	498.987	1.05
710 NORFOLK (217 - WESL	0	0	0	836.0653	0	334.4051	1.05
710 NORFOLK (218 - WILL	0	0	0	1606.38	0	0	254.6068
710 NORFOLK (301 - BALLI	0	0	0	1175.322	0	0	49.86051
710 NORFOLK (302 - TANN	0	0	0	706.0428	0	0	42.43447
710 NORFOLK (303 - BROA	0	0	0	1526.751	0	0	24.39982
710 NORFOLK (304 - COLE	0	0	0	704.981	0	0	32.88672
710 NORFOLK (305 - LAFA'	0	0	0	1044.731	0	0	53.04309
710 NORFOLK (306 - LINDE	0	0	0	870.6091	0	0	25.46068
710 NORFOLK (309 - NOR\	0	0	0	1936.574	0	0	135.7903
710 NORFOLK (310 - ROSE	0	0	0	1800.674	0	0	19.09551
710 NORFOLK (311 - SHER	0	0	0	1770.946	0	0	169.7379
710 NORFOLK (313 - UNIO	0	0	0	630.6607	0	0	4.243447
710 NORFOLK (402 - BERK	0	0	0	1067.027	0	0	4.243447
710 NORFOLK (404 - CAMI	0	0	0	1079.768	0	0	12.73034
710 NORFOLK (405 - CHES'	0	0	0	1557.541	0	0	14.85207
710 NORFOLK (406 - BARR	0	0	0	660.1631	0	403.5924	0
710 NORFOLK (408 - EASTI	0	0	0	985.2747	0	0	123.06
710 NORFOLK (409 - FAIRL	0	0	0	768.6841	0	0	98.66015
710 NORFOLK (411 - RUFF	0	0	0	689.0553	0	0	9.547757
710 NORFOLK (412 - INGLE	0	0	0	1167.89	0	0	40.31275
710 NORFOLK (413 - POPL	0	0	0	1642.478	0	0	73.19947
710 NORFOLK (414 - YOUN	0	0	0	1153.026	0	0	8.486895
710 NORFOLK (415 - LAKE	0	0	0	897.1521	0	0	102.9036
710 NORFOLK (501 - BAYV	0	0	0	924.0164	0	741.1424	4.2
710 NORFOLK (503 - EAST	0	0	0	1086.143	0	807.1848	0
710 NORFOLK (504 - LARR'	0	0	0	895.4058	0	521.0011	3.15
710 NORFOLK (505 - LITTL	0	0	0	513.9311	0	467.5382	1.05
710 NORFOLK (506 - OCEA	0	0	0	1272.642	0	602.7679	4.2
710 NORFOLK (507 - PRETI	0	0	0	925.076	0	604.8645	3.15
710 NORFOLK (509 - TARR	0	0	0	709.9667	0	832.3438	2.1
710 NORFOLK (510 - THIRI	0	0	0	841.3635	0	850.1648	6.3
710 NORFOLK (511 - CROS	0	0	0	894.3461	0	656.2308	3.15
710 NORFOLK (512 - AZALI	0	0	0	528.7662	0	423.51	1.05
720 NORTON C 001 - EAST	0	0	0	416	0	684	3
730 PETERSBUF 101 - FIRST	0	0	0	967.6939	4.340426	89.34228	2.571429
730 PETERSBUF 201 - SECO	0	0	0	1777.749	11.93617	136.3043	1.285714
730 PETERSBUF 301 - THIRI	0	0	0	1617.809	22.78723	351.6421	1.285714
730 PETERSBUF 401 - FOUR	0	0	0	1158.701	26.04255	206.1745	0
730 PETERSBUF 501 - FIFTH	0	0	0	1080.457	15.19149	80.17897	2.571429
730 PETERSBUF 601 - SIXTH	0	0	0	1068.951	9.765957	38.94407	0

730 PETERSBUF 701 - SEVEI	0	0	0	1402.638	11.93617	121.4139	1.285714
735 POQUOSOI001 - CENT	0	0	0	489.8999	0	1384.474	2
735 POQUOSOI002 - EASTI	0	0	0	510.6486	0	1492.07	6
735 POQUOSOI003 - WEST	0	0	0	554.4514	0	1552.456	2
740 PORTSMOI001 - EMAI	0	0	0	1008.502	0	0	73.96988
740 PORTSMOI005 - HAMI	0	0	0	671.6238	0	0	6.250976
740 PORTSMOI007- PARK	0	0	0	650.3024	0	0	44.79866
740 PORTSMOI009 - THIRI	0	0	0	970.1232	0	0	30.21305
740 PORTSMOI010 - PORT	0	0	0	476.5331	0	0	40.63134
740 PORTSMOI011 - JOSEF	0	0	0	747.3147	0	0	7.292805
740 PORTSMOI013 - ST. M	0	0	0	480.7973	0	0	6.250976
740 PORTSMOI014 - BRIGI	0	0	0	856.0538	0	0	9.376464
740 PORTSMOI016 - CRAD	0	0	0	713.2005	0	0	45.84049
740 PORTSMOI017 - VICTC	0	0	0	813.411	0	0	63.55159
740 PORTSMOI019 - VICTC	0	0	0	450.9474	0	0	45.84049
740 PORTSMOI020 - NOBL	0	0	0	746.2486	0	0	34.38037
740 PORTSMOI021 - JOHN	0	0	0	612.9899	0	0	4.167317
740 PORTSMOI022 - ST. M	0	0	0	649.2363	0	0	83.34635
740 PORTSMOI023 - WEST	0	0	0	575.6775	0	0	90.63915
740 PORTSMOI024 - THE S	0	0	0	603.3953	0	0	67.71891
740 PORTSMOI025 - JOHN	0	0	0	769.7022	0	0	73.96988
740 PORTSMOI026 - WILLI	0	0	0	1089.523	0	0	15.62744
740 PORTSMOI027 - CAVA	0	0	0	1042.616	0	0	10.41829
740 PORTSMOI028 - LAKEV	0	0	0	1531.942	0	0	7.292805
740 PORTSMOI029 - WOO	0	0	0	405.1064	0	0	92.72281
740 PORTSMOI030 - THE F	0	0	0	479.7313	0	0	117.7267
740 PORTSMOI031 - WEST	0	0	0	1069.268	0	0	95.8483
740 PORTSMOI032 - HODC	0	0	0	560.7525	0	0	80.22086
740 PORTSMOI033- PINEC	0	0	0	406.1725	0	0	65.63525
740 PORTSMOI034- CHUR	0	0	0	695.0773	0	0	100.0156
740 PORTSMOI035 - CHUF	0	0	0	828.336	0	0	117.7267
740 PORTSMOI036 - SCOT	0	0	0	1701.447	0	0	158.3581
740 PORTSMOI037 - CHUF	0	0	0	1372.031	0	0	115.6431
740 PORTSMOI038 - GROV	0	0	0	1610.831	0	0	58.34244
740 PORTSMOI039 - CHUF	0	0	0	1712.108	0	0	104.1829
750 RADFORD (001 - EAST	0	0	0	1544.504	0	678.1833	1
750 RADFORD (002 - CENT	0	0	0	737.562	0	665.5463	4
750 RADFORD (003 - WEST	0	0	0	695.9341	0	759.2704	3
760 RICHMOND 101 - ONE I	0	0	0	617.8687	14.73418	241.1931	0
760 RICHMOND 102 - ONE I	0	0	0	519.3064	21.04882	413.9253	5.211864
760 RICHMOND 104 - ONE I	0	0	0	745.0457	19.99638	675.1301	3.127119
760 RICHMOND 105 - ONE I	0	0	0	862.6845	27.36347	487.6525	3.127119
760 RICHMOND 106 - ONE I	0	0	0	580.7753	23.15371	877.3532	1.042373
760 RICHMOND 111 - ONE I	0	0	0	801.2156	24.20615	429.724	0
760 RICHMOND 112 - ONE I	0	0	0	783.1989	17.8915	329.6657	1.042373
760 RICHMOND 113 - ONE I	0	0	0	1359.735	32.62568	260.1515	0
760 RICHMOND 114 - ONE I	0	0	0	1692.515	62.09403	366.5293	0

760 RICHMOND 115 - ONE I	0	0	0	595.6127	27.36347	473.9603	1.042373
760 RICHMOND 203 - TWO	0	0	0	1672.379	45.25497	417.0851	2.084746
760 RICHMOND 204 - TWO	0	0	0	1413.785	47.35986	287.5359	3.127119
760 RICHMOND 206 - TWO	0	0	0	892.3592	21.04882	116.9102	3.127119
760 RICHMOND 207 - TWO	0	0	0	1464.656	54.72694	351.7839	3.127119
760 RICHMOND 208 - TWO	0	0	0	1309.924	37.88788	274.897	4.169492
760 RICHMOND 213 - TWO	0	0	0	2112.199	61.04159	73.72716	0
760 RICHMOND 214 - TWO	0	0	0	1803.795	37.88788	126.3894	5.211864
760 RICHMOND 301 - THRE	0	0	0	636.9452	8.41953	30.54411	2.084746
760 RICHMOND 302 - THRE	0	0	0	781.0793	16.83906	99.00504	1.042373
760 RICHMOND 303 - THRE	0	0	0	753.5242	10.52441	31.59735	2.084746
760 RICHMOND 304 - THRE	0	0	0	1087.364	18.94394	27.38437	1.042373
760 RICHMOND 305 - THRE	0	0	0	1071.467	19.99638	81.09987	3.127119
760 RICHMOND 306 - THRE	0	0	0	869.0434	12.62929	35.81033	4.169492
760 RICHMOND 307 - THRE	0	0	0	1000.46	26.31103	220.1282	0
760 RICHMOND 308 - THRE	0	0	0	1018.476	30.5208	258.045	4.169492
760 RICHMOND 309 - THRE	0	0	0	615.749	14.73418	273.8437	2.084746
760 RICHMOND 310 - THRE	0	0	0	320.0623	5.262206	8.425961	1.042373
760 RICHMOND 402 - FOUR	0	0	0	1681.917	53.6745	526.6225	0
760 RICHMOND 404 - FOUR	0	0	0	1484.792	47.35986	351.7839	2.084746
760 RICHMOND 409 - FOUR	0	0	0	1735.967	56.83183	983.7309	4.169492
760 RICHMOND 410 - FOUR	0	0	0	995.1607	24.20615	427.6175	0
760 RICHMOND 412 - FOUR	0	0	0	1072.527	34.73056	251.7256	2.084746
760 RICHMOND 413 - FOUR	0	0	0	1012.118	36.83544	403.3929	0
760 RICHMOND 414 - FOUR	0	0	0	1005.759	22.10127	548.7407	0
760 RICHMOND 501 - FIVE I	0	0	0	1591.833	72.61844	189.5841	1.042373
760 RICHMOND 503 - FIVE I	0	0	0	1570.637	28.41591	150.614	1.042373
760 RICHMOND 504 - FIVE I	0	0	0	1990.321	53.6745	232.7672	6.254237
760 RICHMOND 505 - FIVE I	0	0	0	1335.359	31.57324	137.9751	2.084746
760 RICHMOND 508 - FIVE I	0	0	0	796.9764	13.68174	125.3362	0
760 RICHMOND 509 - FIVE I	0	0	0	993.0411	16.83906	48.44927	2.084746
760 RICHMOND 510 - FIVE I	0	0	0	1245.276	23.15371	100.0583	4.169492
760 RICHMOND 602 - SIX H	0	0	0	572.2969	4.209765	21.0649	2.084746
760 RICHMOND 603 - SIX H	0	0	0	1034.374	12.62929	37.91682	1.042373
760 RICHMOND 604 - SIX H	0	0	0	707.9524	32.62568	28.43762	0
760 RICHMOND 606 - SIX H	0	0	0	1194.405	11.57685	36.86358	0
760 RICHMOND 607 - SIX H	0	0	0	1245.276	26.31103	180.1049	5.211864
760 RICHMOND 609 - SIX H	0	0	0	1596.072	39.99277	156.9335	4.169492
760 RICHMOND 610 - SIX H	0	0	0	670.8591	3.157324	25.27788	1.042373
760 RICHMOND 701 - SEVEI	0	0	0	753.5242	6.314647	27.38437	1.042373
760 RICHMOND 702 - SEVEI	0	0	0	831.9501	18.94394	37.91682	2.084746
760 RICHMOND 703 - SEVEI	0	0	0	1049.211	18.94394	46.34278	1.042373
760 RICHMOND 705 - SEVEI	0	0	0	940.0506	30.5208	91.63232	2.084746
760 RICHMOND 706 - SEVEI	0	0	0	1521.886	27.36347	97.95179	1.042373
760 RICHMOND 707 - SEVEI	0	0	0	1989.262	63.14647	273.8437	3.127119
760 RICHMOND 708 - SEVEI	0	0	0	1651.182	70.51356	265.4178	4.169492
760 RICHMOND 802 - EIGH	0	0	0	819.2324	12.62929	24.22464	0

760 RICHMOND 806 - EIGHTH	0	0	0	1003.639	7.367089	85.31285	1.042373
760 RICHMOND 810 - EIGHTH	0	0	0	860.5649	8.41953	67.40769	2.084746
760 RICHMOND 811 - EIGHTH	0	0	0	936.8712	9.471971	71.62067	2.084746
760 RICHMOND 812 - EIGHTH	0	0	0	1369.273	14.73418	171.679	2.084746
760 RICHMOND 814 - EIGHTH	0	0	0	805.4549	3.157324	42.1298	0
760 RICHMOND 902 - NINE	0	0	0	420.7442	7.367089	24.22464	1.042373
760 RICHMOND 903 - NINE	0	0	0	1074.646	10.52441	110.5907	2.084746
760 RICHMOND 908 - NINE	0	0	0	1071.467	6.314647	77.94014	1.042373
760 RICHMOND 909 - NINE	0	0	0	1184.866	19.99638	114.8037	1.042373
760 RICHMOND 910 - NINE	0	0	0	989.8616	16.83906	97.95179	0
760 RICHMOND 911 - NINE	0	0	0	1066.168	7.367089	42.1298	1.042373
770 ROANOKE 1001 - Peter's	0	0	0	1168.724	0	267.1823	1.028571
770 ROANOKE 1002 - Grant	0	0	0	1022.498	0	434.9728	2.057143
770 ROANOKE 1003 - Presto	0	0	0	696.4683	0	813.3029	0
770 ROANOKE 1004 - William	0	0	0	792.869	0	523.6773	2.057143
770 ROANOKE 1005 - East C	0	0	0	587.0697	0	810.0967	0
770 ROANOKE 1006 - Hollir	0	0	0	746.2934	0	561.0828	0
770 ROANOKE 1007 - South	0	0	0	500.4173	0	479.8594	1.028571
770 ROANOKE 1008 - Linco	0	0	0	923.9307	0	68.39867	3.085714
770 ROANOKE 1009 - Highl	0	0	0	1040.911	0	306.7253	4.114286
770 ROANOKE 1010 - Old S	0	0	0	1377.772	0	568.5639	4.114286
770 ROANOKE 1011 - RALEI	0	0	0	1489.337	0	820.784	3.085714
770 ROANOKE 1012 - SOUT	0	0	0	821.031	0	879.5641	2.057143
770 ROANOKE 1013 - GARC	0	0	0	566.4897	0	887.0452	1.028571
770 ROANOKE 1014 - Cryst	0	0	0	985.6705	0	887.0452	1.028571
770 ROANOKE 1015 - Grant	0	0	0	1007.334	0	703.2238	0
770 ROANOKE 1016 - Deye	0	0	0	909.8497	0	997.1243	1.028571
770 ROANOKE 1017 - LEE-H	0	0	0	1217.465	0	697.8801	4.114286
770 ROANOKE 1018 - Sumn	0	0	0	1039.828	0	583.5261	2.057143
770 ROANOKE 1019 - Fores	0	0	0	1100.485	0	144.2784	1.028571
770 ROANOKE 1020 - EURE	0	0	0	1674.557	0	103.6667	3.085714
775 SALEM CITY 001 - NOR	604.1772	728.4715	1.111111	590.1844	0	749.5171	1
775 SALEM CITY 002 - CONE	239.7184	362.0805	0	247.8122	0	355.8858	0
775 SALEM CITY 003 - BEVE	226.702	456.9111	2.222222	220.6398	0	469.1222	0
775 SALEM CITY 004 - WEST	376.3904	672.4353	1.111111	369.5446	0	681.5753	2
775 SALEM CITY 005 - NOR	609.6007	723.0834	0	596.7058	0	744.1249	0
775 SALEM CITY 006 - SOUT	290.6993	385.7882	1.111111	293.4619	0	382.8469	0
775 SALEM CITY 007 - SOUT	381.8139	606.7004	3.333333	384.7611	0	605.0059	1
775 SALEM CITY 008 - EAST	147.519	213.3689	0	151.0785	0	213.5315	0
775 SALEM CITY 009 - SOUT	447.9806	898.7356	0	444.5404	0	910.205	1
775 SALEM CITY 010 - HIDD	581.3985	894.4251	1.111111	591.2713	0	896.1852	0
790 STAUNTON 101 - WARI	0	0	0	1001.256	0	841.8171	3
790 STAUNTON 201 - WARI	0	0	0	1112.629	0	1099.671	2
790 STAUNTON 301 - WARI	0	0	0	1079.548	0	886.2373	2
790 STAUNTON 401 - WARI	0	0	0	914.1424	0	761.644	0
790 STAUNTON 501 - WARI	0	0	0	1314.424	0	592.6306	3
800 SUFFOLK C 101 - BELLE	0	0	0	977.6515	0	0	71.09217

800 SUFFOLK C 102 - DRIV	0	0	0	1463.734	0	0	376.6824
800 SUFFOLK C 104 - BENN	0	0	0	1183.935	0	0	172.9556
800 SUFFOLK C 201 - EBEN	0	0	0	718.7001	0	0	165.528
800 SUFFOLK C 202 - CHUC	0	0	0	771.3682	0	0	137.94
800 SUFFOLK C 203 - KING	0	0	0	1438.497	0	0	120.9628
800 SUFFOLK C 204 - HILLP	0	0	0	1118.1	0	0	95.49695
800 SUFFOLK C 301 - WHIT	0	0	0	340.7454	6.666667	145.1609	1
800 SUFFOLK C 302 - JOHN	0	0	0	1513.586	6.666667	32.6086	42.25986
800 SUFFOLK C 304 - NANS	0	0	0	1291.466	0	0	107.1688
800 SUFFOLK C 305 - SHOL	0	0	0	589.2243	0	0	47.74847
800 SUFFOLK C 401 - AIRPC	0	0	0	401.0741	14.44444	440.7421	0
800 SUFFOLK C 402 - WHA	0	0	0	283.7683	7.777778	739.479	0
800 SUFFOLK C 403 - SOUT	0	0	0	603.287	7.777778	38.91995	0
800 SUFFOLK C 404 - BOOK	0	0	0	1101.079	5.555556	57.85397	6.244309
800 SUFFOLK C 405 - PITTA	0	0	0	168.6969	6.666667	228.2602	0
800 SUFFOLK C 501 - KILBY	0	0	0	776.4527	21.11111	1047.683	0
800 SUFFOLK C 502 - HOLL	0	0	0	634.5685	25.55556	966.6873	2
800 SUFFOLK C 504 - LAKE	0	0	0	703.9551	20	920.4041	39.25986
800 SUFFOLK C 601 - LAKE	0	0	0	913.868	15.55556	592.2143	3
800 SUFFOLK C 602 - OLDE	0	0	0	328.1182	0	0	22.28262
800 SUFFOLK C 603 - ELEPH	0	0	0	281.5339	12.22222	242.9867	0
800 SUFFOLK C 604 - WILR	0	0	0	815.2582	0	0	102.9245
800 SUFFOLK C 605 - HOLL	0	0	0	647.3787	0	0	1.061077
800 SUFFOLK C 702 - HARB	0	0	0	1348.523	0	0	201.6047
800 SUFFOLK C 704 - BURB	0	0	0	1437.4	0	0	144.3065
800 SUFFOLK C 706 - HUNT	0	0	0	1625.03	0	0	60.4814
810 VIRGINIA B 001 - NORT	0	0	0	987.7197	0	1525.798	3.238806
810 VIRGINIA B 002 - SOUT	0	0	0	965.5983	0	954.7136	2.159204
810 VIRGINIA B 003 - OCEA	0	0	0	603.9137	0	743.2816	1.079602
810 VIRGINIA B 004 - LINK	0	0	0	798.5819	0	1183.583	4.318408
810 VIRGINIA B 005 - SEAT	0	0	0	1057.402	0	705.1367	3.238806
810 VIRGINIA B 006 - ALAN	0	0	0	879.3249	0	1267.502	4.318408
810 VIRGINIA B 007 - KING	0	0	0	576.262	0	786.8759	1.079602
810 VIRGINIA B 008 - LONG	0	0	0	1065.145	0	1029.914	5.39801
810 VIRGINIA B 009 - TRAN	0	0	0	745.4906	0	1165.056	1.079602
810 VIRGINIA B 010 - GREA	0	0	0	705.6721	0	1494.192	0
810 VIRGINIA B 011 - CAPE	0	0	0	1150.312	0	1222.818	3.238806
810 VIRGINIA B 012 - PLAZ	0	0	0	1062.932	0	747.6411	1.079602
810 VIRGINIA B 013 - MT TI	0	0	0	1116.024	0	1144.349	5.39801
810 VIRGINIA B 014 - MALI	0	0	0	932.4163	0	999.3977	2.159204
810 VIRGINIA B 015 - OLD I	0	0	0	672.49	0	605.9598	2.159204
810 VIRGINIA B 016 - ARAG	0	0	0	1134.827	0	1033.183	2.159204
810 VIRGINIA B 017 - OCEA	0	0	0	668.0657	0	826.1107	1.079602
810 VIRGINIA B 018 - THOR	0	0	0	1068.463	0	1242.436	4.318408
810 VIRGINIA B 019 - LAKE	0	0	0	467.8672	0	605.9598	2.159204
810 VIRGINIA B 020 - BAYS	0	0	0	775.3544	0	777.0672	1.079602
810 VIRGINIA B 021 - DAVI	0	0	0	1290.783	0	369.4611	1.079602

810 VIRGINIA B 022 - POIN'	0	0	0	684.6568	0	893.6817	3.238806
810 VIRGINIA B 023 - ARRC	0	0	0	843.9307	0	983.0499	2.159204
810 VIRGINIA B 024 - LARK'	0	0	0	679.1264	0	633.2062	0
810 VIRGINIA B 025 - AVAL	0	0	0	1328.389	0	1230.447	2.159204
810 VIRGINIA B 026 - FAIRF	0	0	0	814.0669	0	938.3658	0
810 VIRGINIA B 027 - EDWI	0	0	0	853.8853	0	1096.395	1.079602
810 VIRGINIA B 028 - THAL	0	0	0	648.1565	0	826.1107	2.159204
810 VIRGINIA B 029 - HOLL	0	0	0	1103.857	0	613.5888	0
810 VIRGINIA B 030 - RED \	0	0	0	706.7782	0	1076.777	4.318408
810 VIRGINIA B 031 - SIGM	0	0	0	768.718	0	1499.642	1.079602
810 VIRGINIA B 032 - CREEI	0	0	0	235.5927	0	724.7541	4.318408
810 VIRGINIA B 033 - CAPP	0	0	0	267.6687	0	794.5048	1.079602
810 VIRGINIA B 034 - BLAC	0	0	0	150.4254	0	469.7278	1.079602
810 VIRGINIA B 035 - COUF	0	0	0	739.9602	0	1269.682	0
810 VIRGINIA B 036 - WINC	0	0	0	1318.434	0	845.7281	3.238806
810 VIRGINIA B 037 - CHES.	0	0	0	717.8388	0	680.07	1.079602
810 VIRGINIA B 038 - WITC	0	0	0	971.1287	0	1407.004	4.318408
810 VIRGINIA B 039 - PEME	0	0	0	1160.266	0	1038.633	5.39801
810 VIRGINIA B 040 - BONN	0	0	0	749.9148	0	669.1714	1.079602
810 VIRGINIA B 041 - COLLI	0	0	0	1806.211	0	525.3105	3.238806
810 VIRGINIA B 042 - BRAN	0	0	0	1010.947	0	820.6614	3.238806
810 VIRGINIA B 043 - BELL/	0	0	0	1060.72	0	547.1076	3.238806
810 VIRGINIA B 044 - CENT	0	0	0	1076.205	0	1056.07	1.079602
810 VIRGINIA B 045 - TIMB	0	0	0	1245.434	0	475.1771	5.39801
810 VIRGINIA B 046 - GREE	0	0	0	1022.008	0	522.0409	2.159204
810 VIRGINIA B 047 - KING'	0	0	0	947.9012	0	1448.418	2.159204
810 VIRGINIA B 048 - WOLI	0	0	0	957.8558	0	1189.033	5.39801
810 VIRGINIA B 049 - LYNN	0	0	0	822.9154	0	1201.021	0
810 VIRGINIA B 050 - OCEA	0	0	0	784.203	0	343.3046	1.079602
810 VIRGINIA B 051 - STRA'	0	0	0	784.203	0	856.6266	1.079602
810 VIRGINIA B 052 - HOM	0	0	0	1144.782	0	1151.978	5.39801
810 VIRGINIA B 053 - SHAN	0	0	0	720.051	0	823.931	5.39801
810 VIRGINIA B 054 - CROM	0	0	0	734.4299	0	633.2062	0
810 VIRGINIA B 055 - MAG	0	0	0	1182.388	0	548.1974	1.079602
810 VIRGINIA B 056 - EDINI	0	0	0	420.3063	0	542.7482	0
810 VIRGINIA B 057 - SHER	0	0	0	512.11	0	651.7337	3.238806
810 VIRGINIA B 058 - GLEN	0	0	0	974.4469	0	848.9976	1.079602
810 VIRGINIA B 059 - SHEL'	0	0	0	678.0204	0	620.1279	1.079602
810 VIRGINIA B 060 - FOXF	0	0	0	800.794	0	1367.769	2.159204
810 VIRGINIA B 061 - BAKE	0	0	0	1446.738	0	190.7248	4.318408
810 VIRGINIA B 062 - LAND	0	0	0	968.9165	0	1086.586	3.238806
810 VIRGINIA B 063 - CULV	0	0	0	1046.341	0	1221.728	3.238806
810 VIRGINIA B 064 - ROSE	0	0	0	913.6131	0	811.9425	1.079602
810 VIRGINIA B 065 - COLO	0	0	0	923.5677	0	810.8527	4.318408
810 VIRGINIA B 066 - HUNT	0	0	0	685.7628	0	1016.835	1.079602
810 VIRGINIA B 067 - EASTI	0	0	0	509.8979	0	359.6524	2.159204
810 VIRGINIA B 068 - MANI	0	0	0	829.5518	0	947.0847	1.079602

810 VIRGINIA B 069 - SHEL	0	0	0	1040.811	0	404.3365	1.079602
810 VIRGINIA B 070 - CORP	0	0	0	889.2796	0	899.131	4.318408
810 VIRGINIA B 071 - ROU	0	0	0	572.9438	0	402.1568	1.079602
810 VIRGINIA B 072 - RUDE	0	0	0	791.9455	0	1120.372	1.079602
810 VIRGINIA B 073 - DAHL	0	0	0	1057.402	0	433.7626	1.079602
810 VIRGINIA B 074 - BUCK	0	0	0	1016.478	0	477.3568	4.318408
810 VIRGINIA B 075 - COLO	0	0	0	830.6579	0	1301.288	3.238806
810 VIRGINIA B 076 - VILLA	0	0	0	1108.281	0	395.6176	1.079602
810 VIRGINIA B 077 - BROC	0	0	0	868.2642	0	724.7541	2.159204
810 VIRGINIA B 078 - INDIA	0	0	0	890.3856	0	696.4178	1.079602
810 VIRGINIA B 079 - PLEA	0	0	0	1124.872	0	463.1887	1.079602
810 VIRGINIA B 080 - CHIM	0	0	0	967.8105	0	462.0988	5.39801
810 VIRGINIA B 081 - ROCK	0	0	0	1161.373	0	714.9454	3.238806
810 VIRGINIA B 082 - SHEL	0	0	0	629.3533	0	850.0875	6.477612
810 VIRGINIA B 083 - STRA	0	0	0	779.7787	0	1112.743	4.318408
810 VIRGINIA B 084 - TALL	0	0	0	1036.387	0	660.4526	0
810 VIRGINIA B 085 - UPTC	0	0	0	951.2194	0	1323.085	0
810 VIRGINIA B 086 - HAYG	0	0	0	1005.417	0	1007.027	0
810 VIRGINIA B 087 - HILLC	0	0	0	810.7486	0	866.4353	1.079602
810 VIRGINIA B 088 - NORT	0	0	0	747.7027	0	874.0643	1.079602
810 VIRGINIA B 089 - LAKE	0	0	0	877.1128	0	919.8383	0
810 VIRGINIA B 090 - LAKE	0	0	0	492.2007	0	696.4178	0
810 VIRGINIA B 091 - LEXIN	0	0	0	1150.312	0	608.1395	3.238806
810 VIRGINIA B 092 - LITTL	0	0	0	580.6863	0	818.4817	2.159204
810 VIRGINIA B 093 - NEW	0	0	0	1414.662	0	236.4987	1.079602
810 VIRGINIA B 094 - PINE	0	0	0	497.7311	0	507.8728	0
810 VIRGINIA B 095 - DAM	0	0	0	559.671	0	542.7482	0
810 VIRGINIA B 096 - HILLT	0	0	0	749.9148	0	403.2466	1.079602
810 VIRGINIA B 097 - INDIA	0	0	0	1078.417	0	565.6351	4.318408
810 VIRGINIA B 098 - INDEI	0	0	0	701.2478	0	354.2031	2.159204
810 VIRGINIA B 099 - SALEI	0	0	0	659.2172	0	423.9539	2.159204
810 VIRGINIA B 100 - SAND	0	0	0	301.9569	0	579.8033	0
820 WAYNESBC 001 - WARI	0	0	0	630.1262	0	510.3189	1
820 WAYNESBC 002 - WARI	0	0	0	1072.83	0	1109.435	1
820 WAYNESBC 003 - WARI	0	0	0	866.0196	0	771.3625	1
820 WAYNESBC 004 - WARI	0	0	0	1271.024	0	1483.883	1
830 WILLIAMSE 001 - STRYI	0	0	0	2300.02	0	948.1344	9
830 WILLIAMSE 002 - MATC	0	0	0	2107.98	0	838.8656	7
840 WINCHEST 101 - MERF	0	0	0	1046.182	0	949.2268	0
840 WINCHEST 102 - OLD 1	0	0	0	763.9145	0	763.2958	3
840 WINCHEST 201 - VIRGI	0	0	0	1011.459	0	556.7058	2
840 WINCHEST 301 - WAR	0	0	0	935.2912	0	717.6285	3
840 WINCHEST 401 - FRED	0	0	0	460.3649	0	394.6957	1
840 WINCHEST 402 - ROLL	0	0	0	706.7889	0	827.4474	1

GE18USSD	GE18USSL	GE18USSR	GE18USSW
556.6112	17.28	994.0029	0
181.7273	10.8	458.6065	0
316.5941	7.56	576.991	1.142857
588.6135	10.8	476.7374	0
121.1515	4.32	277.2969	0
269.7336	7.56	387.1492	0
44.57461	0	124.7836	0
341.7387	4.32	191.9748	1.142857
356.5969	0	104.5196	1.142857
498.3213	11.88	527.9307	0
34.28816	2.16	182.3761	0
862.9188	20.52	813.7599	3.428571
244.5889	3.24	331.6898	1.142857
409.1721	8.64	328.4902	0
177.1555	10.8	303.9601	0
993.2138	15.12	524.7311	0
1431.698	57.1868	643.3447	4.65
605.1974	21.57993	185.0569	1.1625
1258.946	32.36989	373.3794	1.1625
1852.852	55.02881	536.6649	1.1625
1543.479	64.73978	868.6786	3.4875
1682.358	50.71283	781.5931	9.3
2182.55	83.08271	335.2795	6.975
1531.059	60.42379	314.5966	3.4875
2044.799	56.10781	841.4644	6.975
1358.307	34.52788	697.7732	1.1625
479.8673	18.34294	226.4225	2.325
1348.145	33.44888	490.9449	2.325
678.5889	20.50093	374.468	1.1625
299.2114	10.78996	193.7654	1.1625
521.644	21.57993	534.4877	0
528.4186	16.18494	475.705	1.1625
1698.166	44.23885	501.8306	9.3
1152.811	41.00186	1006.927	5.8125
1082.807	47.47584	252.5482	2.325
665.0397	10.78996	373.3794	0
618.7466	24.81691	494.2107	0
1186.684	38.84387	508.3621	1.1625
1190.071	29.1329	438.6936	1.1625
1405.729	47.47584	910.0443	5.8125
1054.579	22.65892	453.9336	2.325
1541.221	57.1868	760.9102	2.325
582.6154	8.63197	426.7193	0
1327.821	42.08086	992.7756	4.65
1237.493	44.23885	620.4847	5.8125
1610.096	65.81877	756.556	4.65

146.185	4.061538	347.8047	0
53.74449	3.046154	131.9982	0
96.74009	2.030769	233.6158	0
125.7621	6.092308	284.9484	0
59.11894	3.046154	232.5682	0
170.9075	6.092308	371.8996	0
134.3612	3.046154	253.5203	0
153.7093	10.15385	340.4715	0
104.2643	5.076923	130.9506	0
175.207	9.138462	451.5175	0
405.2335	8.123077	402.2801	0
326.7665	6.092308	251.4251	2
322.8157	7.363636	655.5882	0
454.3742	15.77922	770.4515	2.333333
316.1825	23.14286	821.3815	2.333333
321.7102	16.83117	771.5351	2.333333
522.9173	17.88312	804.0437	0
508.6527	6.35468	342.3856	0
402.3671	21.18227	711.1085	1.25
139.9066	13.76847	415.0767	0
749.4223	31.7734	1008.194	3.75
197.3876	4.236453	483.5538	0
223.4168	11.65025	515.1586	0
496.7227	25.41872	1308.44	0
126.892	9.53202	290.7644	2.5
674.5885	39.18719	1236.802	2.5
156.1748	9.53202	313.9412	0
865.4688	42.36453	1153.576	0
106.3915	14.58947	378.9852	0
260.0682	14.58947	603.218	1
151.5273	2.084211	187.3871	0
216.0071	13.54737	860.0858	1
169.7966	7.294737	500.0499	0
213.8577	8.336842	589.5325	0
323.4733	22.92632	796.9216	1
265.4415	8.336842	602.1653	0
121.4368	7.294737	232.6548	0
1667.84	28.4965	232.9638	2.329341
1892.066	50.15385	304.0177	9.317365
1045.549	42.17483	271.4028	5.823353
1806.407	66.11189	337.7975	6.988024
1496.521	43.31469	269.0732	6.988024
1405.823	31.91608	306.3474	6.988024
1753.499	50.15385	335.4678	5.823353
2020.555	70.67133	426.3237	13.97605
2446.333	67.25175	411.1811	11.64671
2108.734	72.95105	399.5329	9.317365

1240.802	31.91608	293.5344	5.823353
1820.263	77.51049	335.4678	9.317365
1189.155	30.77622	245.7768	5.823353
1366.772	69.53147	245.7768	2.329341
958.6299	28.4965	186.371	1.164671
1735.863	69.53147	308.677	12.81138
1858.054	45.59441	377.4013	10.48204
2574.822	82.06993	453.1145	12.81138
1982.764	51.29371	345.9512	8.152695
1500.3	52.43357	427.4885	9.317365
883.0481	35.33566	208.5026	4.658683
1976.466	69.53147	349.4457	9.317365
1694.293	58.13287	301.6881	6.988024
2229.665	67.25175	364.5883	9.317365
1705.631	53.57343	355.2698	11.64671
2283.832	90.04895	355.2698	5.823353
1871.911	47.87413	327.3141	4.658683
2083.54	50.15385	290.0399	8.152695
1778.693	47.87413	322.6548	2.329341
1876.95	47.87413	225.9749	3.494012
1863.093	39.8951	366.9179	5.823353
726.8456	23.93706	208.5026	4.658683
1682.956	36.47552	491.5536	8.152695
1570.843	41.03497	338.9623	12.81138
1687.995	35.33566	656.9578	16.30539
1836.639	59.27273	425.1589	8.152695
1584.7	46.73427	379.731	5.823353
1703.111	52.43357	207.3378	3.494012
1002.719	34.1958	196.8544	1.164671
2166.68	79.79021	419.3348	9.317365
1694.293	70.67133	266.7435	6.988024
1501.56	52.43357	216.6563	4.658683
1459.99	20.51748	146.7672	5.823353
1391.966	51.29371	205.0081	3.494012
1412.121	50.15385	207.3378	2.329341
2063.385	87.76923	357.5994	10.48204
1473.846	43.31469	166.5691	3.494012
1312.605	52.43357	299.3584	6.988024
1054.367	50.15385	159.5802	2.329341
1457.47	52.43357	345.9512	12.81138
486.2433	11.3986	131.6245	2.329341
1375.59	46.73427	224.81	9.317365
1614.932	53.57343	334.303	10.48204
879.269	49.01399	126.9653	8.152695
311.8323	16.4794	531.9882	1.096774
326.8863	17.50936	606.7826	1.096774
421.5113	37.07865	1078.725	3.290323

398.9303	29.86891	1141.931	0
251.6164	11.32959	757.4249	1.096774
480.6519	30.89888	1058.709	4.387097
720.4402	63.85768	1620.194	2.193548
147.3139	11.32959	480.3696	0
135.4858	7.209738	641.5462	2.193548
188.1747	6.179775	564.645	0
202.1534	16.4794	619.4239	0
209.6804	13.38951	643.6531	0
110.7542	6.179775	442.4457	0
53.7642	5.149813	220.1694	1.096774
380.6505	22.65918	705.8062	0
350.5426	27.80899	1043.961	2.193548
183.8735	16.4794	529.8814	0
159.142	4.11985	565.6984	0
359.1448	37.07865	1089.259	3.290323
268.821	15.44944	725.8216	0
578.5027	32.9588	1584.377	3.290323
496.7812	35.01873	1036.587	3.290323
304.3053	15.44944	816.4176	2.193548
721.5155	32.9588	1329.444	1.096774
664.5255	37.07865	960.7392	2.193548
129.5728	4.571429	176.587	0
14.15501	1.142857	45.46852	1
113.2401	1.142857	151.2093	1
62.06427	4.571429	214.6537	0
17.42155	0	48.64074	0
115.4178	5.714286	267.5241	0
124.1285	6.857143	237.9167	4
339.9014	23.76	1165.399	1.5
179.8188	4.32	484.6109	0
289.4645	10.8	822.8842	0
249.992	11.88	718.9633	1.5
166.6614	6.48	426.288	0
198.4586	7.56	565.2027	0
457.2223	10.8	1122.982	0
155.6968	7.56	382.8108	1.5
357.4447	11.88	909.8385	0
365.5321	40.42812	1231.016	2
277.4034	15.12	776.2258	1.5
167.7578	10.8	503.6985	0
197.1658	11.70288	515.0383	0
108.5492	10.8	430.5296	0
180.5507	9.57508	752.9924	0
447.4999	32.98083	1275.434	0
303.5024	27.66134	660.9835	0
622.5122	59.57827	1400.227	2

379.9318	20.21406	1148.525	1
109.6596	4.255591	285.5449	0
142.8898	8.511182	402.9355	0
197.1658	15.95847	632.429	0
572.6669	34.04473	990.9464	1
623.6199	48.9393	1614.915	0
260.3031	19.15016	735.0136	0
270.8247	8.64	790.0113	0
70.1732	4.32	235.4128	0
505.4663	37.8	961.7989	0
350.866	25.92	1286.287	0
240.1239	9.72	613.9819	0
158.9862	10.8	489.913	0
684.1887	41.04	968.1615	0
66.11613	3	260.417	2
67.2	5	253.0961	0
24.92903	2	70.07205	0
126.8129	9	457.0371	1
52.02581	6	240.5459	0
26.0129	0	135.9607	0
140.9032	5	498.8712	0
573.9899	23.84141	1060.789	0
487.0218	33.59471	1330.481	2.166667
443.5377	29.25991	1152.802	0
470.7152	23.84141	1194.049	0
389.1826	17.33921	968.7766	2.166667
389.1826	33.59471	927.5296	1.083333
238.0754	11.9207	665.2407	0
592.4707	24.92511	1322.021	1.083333
257.6432	15.17181	663.1255	1.083333
701.1809	32.51101	1435.185	5.416667
180.3425	4.432432	132.6954	0
208.4198	5.540541	277.454	1.333333
222.4585	2.216216	345.4466	0
93.9509	2.216216	98.69904	0
426.5587	3.324324	143.6619	0
333.6877	1.108108	152.4352	1.333333
84.23184	1.108108	71.28264	0
296.9712	3.324324	287.3239	0
149.0256	0	131.5987	0
143.6261	2.216216	117.3422	0
582.0636	9.972973	323.5135	0
247.296	0	93.21576	1.333333
748.3675	5.540541	219.3312	0
55.53333	0	219.5885	0
83.86667	3.409091	442.4383	0
32.86667	0	48.91824	0

106.5333	3.409091	248.9395	0
111.0667	5.681818	257.636	0
136	2.272727	304.3801	0
114.4667	5.681818	297.8577	1.5
182.4667	6.818182	455.4831	0
19.26667	1.136364	41.30873	0
150.7333	3.409091	222.8497	0
71.4	0	59.78896	0
112.2	3.409091	291.3353	1.5
88.4	0	166.322	0
125.8	2.272727	267.4197	0
129.2	0	133.7098	0
166.6	3.409091	338.0794	0
98.6	9.090909	298.9448	0
403.0569	11.85714	420.6724	0
86.21538	6.467532	140.9359	1
258.6462	6.467532	292.5488	1
262.9569	9.701299	366.2198	1
139.0223	6.467532	302.1581	0
409.5231	10.77922	539.1867	1
143.3331	7.545455	276.5334	0
329.7738	3.233766	261.5856	1
492.5054	14.01299	341.6628	0
276.9669	6.467532	307.4965	0
524.0851	35.78947	1299.425	4
445.2593	46.01504	1315.094	0
407.9769	47.03759	919.2076	6
467.6288	43.96992	1409.104	2
185.3472	6.135338	473.183	0
168.3038	11.24812	436.6236	1
677.4759	22.49624	990.2373	1
265.2382	18.40602	862.8017	2
486.8027	35.78947	1525.049	2
477.2157	35.78947	1356.876	4
383.4769	16.3609	747.9007	1
378.1509	16.3609	782.371	3
508.1069	33.74436	1259.732	1
325.9554	12.27068	611.0642	0
427.1507	16.3609	853.4007	0
176.8255	10.22556	396.9306	0
408.4331	14	653.3065	4.333333
327.3948	12	482.7388	1.444444
527.2893	11	394.7731	0
546.7385	31	585.7231	0
221.5047	5	249.9514	0
567.2682	18	629.706	2.888889
963.8157	12	521.3579	1.444444

324.1532	8	184.5135	0
673.1582	14	370.0998	1.444444
349.005	8	432.3194	1.444444
572.6707	28	466.6475	0
356.5686	18	351.863	0
95.98728	1.065421	323.5409	1
115.4004	3.196262	501.1712	0
63.63202	3.196262	275.9613	1
150.9912	2.130841	423.9866	0
341.8873	15.98131	861.7184	1
106.7724	4.261682	310.853	0
148.8342	7.457944	468.3942	0
299.8254	17.04673	978.0239	0
110.0079	8.523364	377.4644	0
61.475	5.327103	232.6111	0
225.4083	11.71963	735.8969	1
264.2346	13.85047	722.1517	1
43.14035	3.196262	126.8788	0
64.71053	2.130841	283.3626	0
159.6193	9.588785	693.604	1
110.0079	2.130841	329.8848	0
97.06579	3.196262	396.4962	0
642.9157	16	463.4571	1
764.9454	9	292.8256	0
723.1389	11	411.7172	1
313.8381	6	428.0238	1
290.8743	2	416.6236	0
224.1701	11	338.8953	0
276.6587	8	437.3512	0
242.7598	6	376.2049	2
247.1338	9	474.6607	1
275.5652	10	320.2405	0
689.3793	21.79048	511.8253	0
1005.117	32.68571	906.7856	2.292683
1164.625	37.04381	1332.044	4.585366
936.2885	43.58095	1320.141	3.439024
905.4524	20.40634	509.4106	1.113924
1678.109	23.96952	1172.978	3.439024
1084.871	26.14857	827.7936	0
1190.845	41.4019	1591.744	2.292683
1664.998	51.20762	1386.148	2.292683
689.3793	19.61143	710.9286	2.292683
1743.66	39.22286	1526.819	3.439024
1029.153	21.79048	774.7715	3.439024
784.4284	28.32762	794.249	0
1671.1	37.59063	708.466	3.341772
281.8698	14.16381	318.1324	2.292683

839.9191	27.92447	532.9548	2.227848
1626.319	19.33233	633.5527	0
1156.664	9.666163	169.0901	0
563.5868	6.444109	175.5112	0
1490.884	17.18429	470.8838	1.113924
1259.674	57.74476	1063.688	5.731707
1952.894	37.59063	878.6263	2.227848
1173.365	47.93905	1769.206	1.146341
638.9501	16.11027	599.3066	2.227848
2737.109	34.36858	546.8673	0
246.8423	3.222054	36.38647	0
634.5812	4.296073	206.5467	0
2038.64	11.98476	388.4678	2.292683
400.8456	13.96224	517.9721	0
1324.133	19.61143	1194.62	5.731707
824.8516	20.70095	1821.146	2.292683
231.614	13.07429	639.5111	0
774.3857	38.66465	1795.779	6.683544
1617.581	54.77492	1502.547	4.455696
499.1457	9.666163	323.1975	1.113924
1703.867	74.10725	2202.452	3.341772
1095.499	63.36707	1188.982	1.113924
1491.976	68.73716	1622.409	4.455696
796.2302	49.40483	1499.337	3.341772
1034.335	42.96073	1073.401	5.56962
1334.696	35.4426	1439.406	3.341772
363.7101	7.518127	431.2867	0
776.5702	50.47885	714.8872	1.113924
1793.429	62.29305	1337.738	10.02532
1309.575	53.70091	1138.683	1.113924
1191.615	44.03474	787.6601	3.341772
1230.935	38.66465	1024.172	2.227848
962.248	52.62689	956.7502	4.455696
626.9357	25.77644	689.2026	3.341772
1962.724	57.99698	931.0656	3.341772
729.6046	17.18429	463.3924	1.113924
754.7257	22.55438	560.7798	1.113924
1178.508	47.2568	1046.646	3.341772
1158.848	36.51662	799.4322	4.455696
1567.339	42.96073	1451.178	4.455696
1220.012	50.47885	1088.384	5.56962
699.0224	20.40634	480.5155	3.341772
657.5179	26.85045	526.5337	1.113924
946.9569	36.51662	623.921	11.13924
689.1924	25.77644	507.2702	3.341772
1103.145	37.59063	1115.138	2.227848
1718.066	66.58912	1635.251	18.93671

1418.797	61.21903	932.1358	8.911392
1304.114	55.84894	875.4157	1.113924
1404.598	89.1435	1572.11	4.455696
1127.174	42.96073	859.3629	2.227848
970.9858	39.73867	530.8144	0
1189.43	74.10725	1145.104	3.341772
766.7402	41.88671	818.6956	7.797468
785.3079	24.70242	223.6698	1.113924
1320.497	82.6994	1285.299	5.56962
1519.281	13.96224	306.0744	2.227848
943.6802	22.55438	232.2313	0
493.6846	20.40634	629.2719	0
1198.168	54.77492	1430.845	4.455696
560.2034	25.42105	911.1792	0
651.8522	30.94737	571.1377	1.666667
502.9229	18.78947	574.439	1.666667
217.666	7.736842	253.1053	0
643.833	21	770.3205	1.666667
451.3704	7.736842	553.5303	0
182.152	14.36842	211.2879	0
80	9	290	1
100	5	389	0
92	5	183	2
77	3	154	1
54	2	142	0
14	0	25	0
42	1	151	0
85	5	281	0
1307.892	61.40176	1022.558	4.933333
1242.834	46.58065	801.9856	6.166667
366.7929	21.17302	791.2782	1.233333
332.0205	19.05572	582.4835	1.233333
245.6503	10.58651	200.2287	1.233333
467.7451	15.87977	792.3489	0
780.6969	30.70088	1237.777	2.466667
627.0252	32.81818	1087.874	1.233333
511.4911	26.46628	1054.681	1.233333
112.1691	4.234604	175.6016	0
799.7656	34.93548	1016.134	3.7
293.883	10.58651	258.0488	1.233333
611.3216	20.11437	1076.095	8.633333
270.3275	19.05572	523.5927	2.466667
123.386	7.410557	292.3125	1.233333
389.3202	13.17808	519.7414	0
293.888	20.27397	568.834	0
485.837	10.13699	312.6986	1
332.9284	18.24658	497.3296	0

347.0264	12.16438	371.3963	0
324.9619	3.75	613.5337	2
97.25136	0	185.2588	0
36.76576	1.25	93.71918	0
166.0389	3.75	268.0804	0
18.97588	1.25	156.9251	0
54.55564	0	225.5799	0
113.8553	3.75	350.902	0
360.5416	5	408.6592	1
105.5533	0	137.3095	1
245.5004	1.25	486.032	1
117.63	2.108108	328.8129	1
194.2005	1.054054	465.0202	0
218.6143	5.27027	832.1415	2
378.4135	9.486486	208.5674	0
663.6109	5.27027	880.0269	1
168.677	5.27027	294.7611	0
288.5265	7.378378	461.8279	2
557.078	10.54054	498.0079	0
461.6423	6.324324	635.2794	1
278.539	6.324324	333.0694	0
260.7835	4.216216	187.285	0
163.1284	1.054054	47.88538	0
1114.156	13.7027	453.3149	0
554.5999	11.64706	426.7201	0
686.3312	4.235294	347.941	0
485.9668	11.64706	744.0248	0
539.1021	8.470588	596.314	0
1174.233	34.58547	546.831	4.814433
2324.625	68.05529	925.9364	8.425258
1726.183	33.46981	504.3252	2.407216
1183.77	31.23849	542.2357	4.814433
724.806	20.08189	303.2844	1.203608
1950.3	60.24566	848.9665	1.203608
1989.64	58.01434	819.0976	12.03608
913.1602	35.70113	426.2065	2.407216
846.4018	31.23849	422.7601	3.610825
1224.302	37.93245	469.861	4.814433
1277.947	39.04811	624.9497	7.221649
2096.931	70.28661	659.4138	4.814433
1943.148	59.13	835.1809	7.221649
1423.386	31.23849	821.3952	4.814433
919.1208	40.16378	415.8672	3.610825
1956.261	69.17095	823.6928	3.610825
1513.986	41.27944	637.5865	8.425258
1242.184	58.01434	420.4625	3.610825
2242.369	83.67453	806.4608	2.407216

1163.504	34.58547	419.3137	0
879.781	27.89151	350.3854	0
1207.613	50.20472	514.6644	3.610825
1616.508	40.16378	661.7114	6.018041
1928.842	56.89868	587.0391	4.814433
401.7428	12.27226	117.1781	0
1740.488	60.24566	201.0408	2.407216
2003.946	68.05529	659.4138	2.407216
1416.233	37.93245	724.8957	8.425258
1876.389	31.23849	781.1871	4.814433
475.654	8.925283	130.9637	0
1945.532	55.78302	490.5395	4.814433
1821.552	45.74208	391.7423	0
1992.024	61.36132	817.9488	4.814433
1583.129	42.3951	627.2473	10.83247
830.9043	25.66019	295.2428	0
1220.726	23.42887	368.7663	1.203608
1710.685	43.51076	729.4909	3.610825
2231.64	45.74208	607.7176	3.610825
1519.947	33.46981	492.8371	3.610825
1342.322	26.77585	256.1834	3.610825
2129.118	56.89868	574.4023	9.628866
2671.53	79.21189	629.5449	7.221649
2179.187	64.7083	456.0754	1.203608
1724.991	45.74208	770.8478	8.425258
869.052	35.70113	402.0816	1.203608
2424.857	64.13692	1106.022	4.080645
1659.424	29.00717	749.0205	4.814433
1524.715	31.23849	505.474	1.203608
1580.745	31.23849	406.6768	0
740.3035	25.66019	272.2667	1.203608
1769.099	49.08906	400.9328	3.610825
1609.355	51.32038	662.8602	6.018041
1152.696	25.65477	658.375	1.360215
1408.145	50.14341	683.3766	6.801075
1230.258	34.52787	583.2311	9.307042
767.6171	19.82414	311.9245	2.72043
862.9337	19.82414	485.7451	8.16129
1096.871	32.30027	404.3116	4.653521
866.7464	16.32576	635.7546	6.801075
1230.258	32.30027	456.5933	6.980282
1586.07	34.98378	800.0507	14.96237
1003.977	24.50365	356.6772	6.980282
845.1413	39.64828	495.2695	10.88172
1217.158	42.32449	490.2859	5.816901
1122.195	45.47891	478.6017	8.16129
1581.591	52.34871	632.0273	4.653521

394.2067	10.02422	210.2885	3.490141
1142.128	21.16225	448.4606	9.307042
674.0815	21.16225	299.7483	2.326761
1971.758	74.74925	730.6397	8.425258
2211.374	78.09623	652.521	3.610825
2163.053	81.62881	934.583	6.801075
1237.846	44.31278	927.4397	13.60215
1165.405	15.15964	541.701	1.360215
1894.271	68.05529	512.3668	2.407216
1281.524	24.54453	248.1418	0
1830.08	54.80792	870.2932	1.360215
1441.188	51.30954	815.5279	5.44086
1517.442	36.1499	942.9169	1.360215
986.21	26.8209	465.5057	8.16129
1916.921	43.51076	426.2065	4.814433
796.7501	28.95886	322.9845	8.143662
1638.757	47.8935	651.7782	4.653521
651.4534	15.59323	192.8613	1.16338
665.7448	14.47943	238.1721	1.16338
1885.285	38.98308	559.9948	1.16338
1080.198	24.50365	235.8484	2.326761
1099.253	47.8935	577.422	8.143662
1404.138	56.80392	234.6866	2.326761
1898.385	35.64168	564.6421	1.16338
2183.024	85.76278	877.1703	9.307042
1223.113	40.09689	368.2953	4.653521
1386.274	15.59323	167.3013	1.16338
1227.876	32.30027	522.8167	2.326761
1761.425	32.30027	622.7328	8.143662
1049.233	30.07266	319.4991	5.816901
1951.978	52.34871	448.4606	2.326761
2155.632	51.23491	655.2636	9.307042
1838.837	49.0073	534.4349	8.143662
2010.335	67.94195	514.684	4.653521
1417.239	46.7797	533.2731	4.653521
1411.284	53.46251	515.8458	2.326761
1027.603	10.04094	464.117	2.407216
1443.44	40.09689	443.8133	5.816901
1725.696	33.41407	234.6866	2.326761
1689.968	24.50365	240.4957	4.653521
1873.375	34.52787	388.0462	0
695.0031	20.08189	244.6954	6.018041
904.8154	26.77585	259.6298	0
1289.869	16.73491	366.4686	1.203608
1481.55	42.32449	375.2662	0
306.0759	4.45521	80.16523	2.326761
1766.189	41.21069	424.0624	3.490141

1431.73	39.04811	522.7061	8.425258
680.0363	11.13802	95.26882	0
1125.454	30.07266	378.7517	6.980282
1319.671	41.27944	414.7184	2.407216
768.9143	34.58547	282.6059	3.610825
1300.201	28.99045	455.5472	2.366989
711.0012	10.02422	108.0488	0
918.2277	24.50365	281.1592	0
1676.867	31.18647	410.1207	9.307042
862.2527	21.16225	269.5411	2.326761
1283.908	29.00717	489.3907	3.610825
942.9631	23.42887	366.4686	2.407216
1493.46	22.27605	243.9811	3.490141
934.9011	24.50365	475.1823	2.326761
717.6533	20.08189	358.427	3.610825
1306.48	41.21069	464.726	5.816901
1770.953	46.7797	627.3801	8.143662
1948.405	36.75548	414.7679	4.653521
1044.469	31.18647	410.1207	6.980282
654.4712	24.54453	274.5643	3.610825
1034.756	22.31321	186.1063	2.407216
1024.223	32.30027	470.535	12.79718
1152.846	40.09689	439.166	15.12394
1918.631	41.21069	411.2825	1.16338
1159.992	44.5521	534.4349	6.980282
1329.108	59.03153	563.4802	17.4507
2102.039	59.03153	491.4477	15.12394
1100.444	24.50365	290.4537	3.490141
1083.771	41.21069	511.1986	5.816901
1101.635	25.61745	312.5282	8.143662
1401.756	32.30027	626.2182	6.980282
662.172	23.38985	319.4991	3.490141
1408.902	33.41407	1045.633	19.77746
939.6649	25.61745	539.0821	4.653521
1402.947	40.09689	609.9528	3.490141
980.1574	43.43829	723.8107	1.16338
1279.088	13.36563	226.5539	0
2600.003	81.44321	931.6805	10.83247
1734.033	38.98308	635.5128	3.490141
1305.289	53.46251	273.0265	9.307042
1917.44	35.64168	434.5188	2.326761
1608.983	34.52787	472.8587	9.307042
1728.078	60.14533	686.6326	4.653521
2103.23	54.57632	501.904	0
2158.921	30.12283	496.2836	2.407216
1451.996	45.74208	814.5024	1.203608
390.6338	4.45521	151.0359	1.16338

2285.285	50.20472	680.0923	7.221649
1206.439	27.84506	283.4828	5.816901
1138.47	16.73491	400.9328	1.203608
2005.571	60.14533	537.9203	13.96056
1150.391	24.54453	426.2065	3.610825
2585.567	85.76278	657.5872	3.490141
1733.335	59.13	457.2242	2.407216
1273.133	41.21069	369.4571	4.653521
978.7266	22.31321	405.528	4.814433
836.0517	32.30027	245.1429	2.326761
1754.279	40.09689	405.4734	6.980282
1659.424	40.16378	610.0152	3.610825
1004.953	44.62642	304.4332	6.018041
1214.765	36.81679	425.0577	6.018041
1541.405	51.32038	553.7238	7.221649
2206.605	72.51793	419.3137	6.018041
1025.219	26.77585	238.9513	0
1890.048	49.0073	529.7876	3.490141
1181.386	40.16378	583.5927	2.407216
1735.72	42.3951	523.8549	7.221649
1817.976	49.08906	649.0746	2.407216
1497.297	61.36132	437.6945	7.221649
1590.282	51.32038	811.056	12.03608
2230.447	56.89868	619.2056	10.83247
1080.056	55.78302	298.6892	3.610825
623.4762	15.61925	218.2729	0
2290.053	74.74925	805.312	7.221649
690.2347	18.96623	206.7848	1.203608
1545.401	48.97729	1509.619	2.72043
814.64	12.82738	561.9404	2.72043
739.6575	19.82414	494.0789	4.080645
1603.395	39.04811	722.598	4.814433
978.7266	29.00717	531.8965	2.407216
1100.322	31.23849	328.5581	3.610825
1392.391	39.04811	623.8009	2.407216
1128.55	29.15315	889.3421	0
1862.084	69.17095	956.9542	6.018041
1331.593	27.89151	668.6042	3.610825
1295.829	44.62642	577.8487	2.407216
1504.449	49.08906	587.0391	4.814433
1062.463	30.31927	642.8979	1.360215
1633.093	43.14666	1007.207	8.16129
1453.188	37.93245	607.7176	8.425258
653.237	20.99027	546.4632	1.360215
1035.948	26.77585	620.3544	3.610825
1591.474	61.36132	622.6521	10.83247
1430.538	45.74208	366.4686	3.610825

1648.343	47.81116	1227.459	12.24194
1727.375	32.35415	592.7831	1.203608
1180.656	38.48215	542.8915	6.801075
1527.1	31.23849	595.0807	1.203608
2203.722	44.31278	1425.09	13.60215
1289.953	27.98702	838.1483	9.521505
1155.16	26.77585	639.8841	3.610825
1587.897	52.43604	533.0453	0
2212.618	43.14666	764.3341	1.360215
1868.207	68.80143	941.7263	4.080645
709.1562	32.65152	435.7419	4.080645
489.2923	9.329007	225.0143	2.72043
1200.99	29.15315	600.038	6.801075
1228.95	39.64828	504.7939	0
1872.813	73.63359	584.7415	7.221649
1795.766	27.98702	760.7625	5.44086
1944.46	40.81441	1073.878	4.080645
1170.489	40.81441	589.323	6.801075
1109.486	45.47891	932.2019	0
2019.443	67.6353	1094.117	6.801075
1061.192	37.31603	426.2175	4.080645
2156.536	54.66736	763.955	3.610825
2024.212	49.08906	740.9789	4.814433
1533.963	25.65477	584.5608	5.44086
1593.695	60.63855	950.0602	9.521505
1005.273	24.48864	756.0003	8.16129
1025.219	24.54453	274.5643	2.407216
940.458	19.82414	435.7419	1.360215
2169.65	47.9734	745.5741	3.610825
1035.775	27.98702	441.6946	0
1427.209	47.81116	677.4239	1.360215
340.5983	11.66126	248.8253	4.080645
1185.74	44.31278	503.6033	6.801075
1453.897	38.48215	503.6033	1.360215
942.9998	23.32252	288.1135	4.080645
342.1371	10.04094	145.8982	1.203608
252.2127	16.27593	588.1336	0
525.4832	31.87129	1231.805	1.25
395.6732	13.02075	518.6169	0
260.5612	9.891089	522.1666	0
295.0195	15.19087	540.6857	2.052632
497.4838	18.44606	662.0641	3.078947
1126.859	47.74274	1016.268	3.078947
824.8975	40.1473	971.0274	2.052632
1038.931	40.1473	948.9586	3.078947
355.4098	20.88119	821.9092	1.25
784.4047	34.72199	1080.268	1.026316

997.5459	48.35644	1112.119	2.5
889.6861	30.38174	1011.855	4.105263
849.1933	27.12656	829.787	2.052632
801.7588	53.16805	1220.405	3.078947
392.2023	16.27593	536.2719	4.105263
865.3904	28.21162	715.0292	2.052632
731.1855	50.99793	1057.096	2.052632
658.2983	37.97718	890.4762	3.078947
1192.804	53.16805	1526.058	4.105263
483.7589	13.34211	834.7025	1
632.0645	30.78947	900.657	2
604.9929	11.28947	670.357	1
394.3047	8.210526	833.6213	1
364.879	14.36842	940.6622	3
1488.306	58.99029	1201.945	1
880.7161	34.76214	906.7112	2
1013.807	25.28155	944.3065	2
1057.785	44.24272	1488.333	4
1540.385	53.7233	1251.704	1
482.6016	35.19269	1106.554	3
812.6881	41.59136	1946.264	0
326.8183	24.52824	910.6568	1
376.9304	7.465116	691.4638	0
71.90002	1.066445	148.2465	0
262.544	7.465116	580.279	0
144.8894	9.598007	436.2681	0
125.2803	10.66445	418.2668	0
448.8304	10.66445	546.3941	1
208.0743	5.332226	247.7834	0
211.3425	11.7309	758.1747	2
202.6273	3.199336	387.5586	0
165.5879	5.332226	428.8558	0
222.2364	9.598007	498.7434	0
270.1698	9.598007	732.761	2
168.8561	12.79734	376.9696	0
234.2197	21.3289	626.8707	1
388.9137	19.19601	897.9499	1
335.5334	18.12957	860.8883	1
205.8955	11.7309	687.2282	1
512.0153	26.66113	689.346	1
464.0819	6.398671	458.5051	1
352.9637	11.7309	412.9723	1
360.9458	22.89869	1033.431	1.078431
432.9168	20.81699	1077.948	3.235294
666.2775	29.14379	1086.427	3.235294
345.6792	19.77614	678.3546	1.078431
236.6321	10.4085	746.1901	0

489.6213	19.77614	978.3146	2.156863
640.1062	30.18464	1276.155	2.156863
517.9735	22.89869	1066.289	2.156863
273.7081	8.326797	670.9351	1.078431
1063.209	58.28758	1084.308	8.627451
730.6153	39.55229	1367.309	2.156863
677.1822	29.14379	931.6777	2.156863
302.0603	13.53105	519.3653	1.078431
657.5537	42.67484	932.7376	3.235294
645.5586	29.14379	893.5203	5.392157
770.9627	39.55229	1023.892	5.392157
854.9289	53.08333	1223.158	1.078431
957.4331	32.26634	1272.975	0
462.3595	18.73529	638.0773	1.078431
697.9012	47.87908	740.8905	1.078431
1101.375	48.91993	1398.047	7.54902
19.83117	2.204545	67.27575	0
109.0714	2.204545	281.9174	0
396.6234	13.22727	883.1277	1.25
511.2035	26.45455	1220.574	2.5
69.40909	4.409091	211.4381	0
26.44156	3.306818	168.7233	0
180.684	9.920455	360.9397	0
418.658	22.04545	880.9919	1.25
304.0779	13.22727	425.0119	0
365.6431	17.24514	770.3401	0
320.2082	15.08949	657.8662	0
235.829	11.85603	502.9493	2.5
533.3197	17.24514	706.6756	2.5
709.6506	35.56809	1085.479	0
464.0855	24.78988	890.2415	1.25
602.5539	30.17899	1110.945	1.25
655.5613	25.8677	996.3489	1.25
560.3643	22.63424	831.8824	1.25
589.5725	42.03502	1390.008	2.5
492.2119	34.49027	873.2643	2.5
392.2679	23.06693	477.0284	0
563.4599	24.16535	833.7156	5.391304
240.3491	9.885827	177.8015	0
854.8265	32.95276	1011.517	2.695652
547.5878	16.47638	726.3842	1.347826
236.9479	16.47638	341.509	1.347826
543.0529	34.05118	639.6518	0
784.5357	36.24803	1334.595	5.391304
800.4078	52.72441	1207.749	10.78261
479.5645	32.95276	722.0476	4.043478
75.70163	1.098361	161.518	0

37.30225	0	101.2179	0
91.06138	1.098361	172.2859	0
62.53613	2.196721	101.2179	1
38.39938	0	145.3662	0
42.78788	2.196721	139.9823	0
25.23388	2.196721	95.83401	0
54.85625	1.098361	121.6769	0
92.15851	4.393443	305.8074	0
284.1554	13.18033	768.8256	4
133.8493	8.786885	484.554	0
165.6659	10.98361	652.5327	0
100.9355	4.393443	223.9716	0
122.878	6.590164	544.854	0
84.47863	8.786885	229.3555	0
264.3087	10.91954	530.3341	0
423.5717	26.2069	642.73	1.142857
831.33	53.50575	1158.878	2.285714
656.2537	37.12644	1123.959	2.285714
1007.536	62.24138	1293.099	2.285714
245	0	127.0932	0
73	1	94.06902	0
210	1	35.0257	0
312	1	108.0793	0
204	3	296.2173	0
640	4	293.2151	0
86	5	155.1138	0
260	0	148.1087	0
79	4	106.0778	0
280.203	5.409091	366.0348	0
123.2021	1.081818	200.6255	0
329.2658	3.245455	346.826	0
161.3621	3.245455	332.953	0
198.4317	5.409091	264.6549	0
364.1549	4.327273	338.2887	0
207.154	2.163636	86.43971	0
173.3552	2.163636	325.4829	0
568.0381	8.654545	321.2142	1.4
440.4748	11.9	401.251	1.4
257.3071	9.736364	532.5113	0
444.836	18.39091	693.652	0
137.3758	2.163636	428.9971	0
221.3277	6.490909	447.1388	1.4
467.7319	8.654545	526.1084	0
102.4867	1.081818	188.8868	0
260.5779	3.245455	706.4579	0
113.3896	10.81818	510.101	0
110.1187	3.245455	315.8785	1.4

908.2068	7.572727	357.4976	1.4
783.9383	24.73757	507.8537	1.151899
754.5814	33.34195	746.4071	2.303797
767.6289	37.64414	384.8662	3.455696
380.5526	20.43539	504.673	0
591.4874	25.81312	631.9015	5.759494
525.1625	44.09742	1303.032	3.455696
406.6476	10.75547	567.227	0
558.8686	20.43539	931.9487	1.151899
653.4631	29.03976	652.046	3.455696
484.9327	19.35984	872.5754	0
132.6498	7.528827	248.0956	0
170.705	12.90656	332.9145	2.303797
593.662	30.11531	1157.779	3.455696
602.3604	30.11531	1029.491	3.455696
1720.098	80.666	2025.053	9.21519
721.9626	61.30616	952.0932	4.607595
450.1393	32.2664	1328.477	4.607595
718.7007	37.64414	1430.26	1.151899
440.3537	32.2664	1563.85	3.455696
461.0123	12.90656	656.287	1.151899
150.0464	3.22664	249.1558	0
654.5504	29.03976	1096.285	3.455696
590.4001	33.34195	785.6359	5.759494
275.0851	33.34195	845.0092	1.151899
245.7282	19.35984	650.9858	1.151899
455.5758	23.66203	870.4549	1.151899
513.2023	33.34195	1042.213	4.607595
843.7394	68.83499	1624.284	2.303797
665.4233	38.71968	1241.538	2.303797
606.7095	29.03976	654.1665	4.607595
418.6078	21.51093	776.0938	2.303797
568.6543	31.19085	1104.767	1.151899
655.6377	26.88867	884.238	0
595.8366	34.4175	1046.454	4.607595
740.4466	29.03976	1023.129	1.151899
329.4498	23.66203	611.757	1.151899
1561.978	54.81264	1141.258	4.57732
1669.928	41.91555	453.0513	3.43299
1566.384	40.84079	1316.006	1.14433
1423.184	60.18643	703.3082	3.43299
1278.883	51.58837	718.4099	3.43299
1599.43	39.76604	1155.281	3.43299
326.0545	10.74758	381.8575	2.28866
1693.06	37.61652	538.2681	1.14433
1688.654	62.33595	947.093	1.14433
1078.403	34.39225	775.5807	1.14433

487.9803	19.34564	341.9459	0
487.9803	19.34564	323.6081	4.57732
1476.058	51.58837	1305.219	8.010309
1004.601	34.39225	511.3008	4.57732
1328.373	8.538226	65.40513	0
1979.46	15.04661	103.5546	2.28866
1250.243	45.13982	399.1166	0
319.4453	1.074758	188.7714	0
317.2423	7.523304	276.1456	0
1704.53	7.470948	36.92225	0
1522.322	30.09322	393.7232	0
1496.032	8.538226	46.41654	1
1050.016	7.470948	128.7004	1
962.7421	15.04661	167.1975	3.43299
672.7843	3.201835	28.48288	0
492.3864	11.82234	143.4662	0
985.8744	17.19612	193.0861	2.28866
825.0502	18.27088	311.7424	0
1804.481	12.80734	64.35021	0
456.0358	25.79419	290.1686	0
380.0298	17.19612	184.4566	1.14433
61.686	3.224273	53.93468	0
212.5964	2.149515	42.06905	0
2107.556	10.67278	106.5471	2
171.8396	6.448546	87.37418	1.14433
1263.461	16.12137	211.4239	0
1466.144	39.76604	776.6594	3.43299
397.6521	2.134557	11.60414	0
906.5638	36.54176	622.4062	4.57732
1020.022	39.76604	929.8339	4.57732
1358.193	42.99031	771.2659	9.154639
613.5553	24.71943	583.5732	0
1287.695	51.58837	1104.582	6.865979
1122.465	50.51361	754.0068	5.721649
620.1646	32.24273	459.5235	3.43299
1183.049	52.66313	996.7129	3.43299
1310.827	35.46701	828.4367	8.010309
1231.517	38.69128	1090.559	9.154639
1772.371	52.66313	1070.064	6.865979
847.0809	21.49515	501.5925	2.28866
1584.008	74.15828	1145.573	11.4433
1148.902	52.66313	815.4923	4.57732
1657.811	45.13982	485.4121	2.28866
1271.172	46.21458	763.715	1.14433
1114.754	34.39225	498.3564	3.43299
722.6074	44.06507	765.8724	3.43299
766.6688	41.91555	543.6616	1.14433

1161.019	61.26119	1072.221	8.010309
1062.982	48.3641	696.836	4.57732
755.6534	41.91555	666.6326	1.14433
1027.733	35.46701	665.5539	3.43299
1097.129	67.70974	815.4923	8.010309
557.377	34.39225	624.5636	3.43299
1028.834	35.46701	535.032	5.721649
1263.461	49.43886	804.7054	3.43299
1262.36	55.8874	998.8702	10.29897
883.4316	33.31749	573.865	0
651.0076	29.01846	371.0706	4.57732
506.7064	30.09322	325.7655	0
1327.35	83.8311	1306.298	8.010309
829.4563	25.79419	464.9169	3.43299
1029.936	48.3641	842.4597	10.29897
400.8763	22.41284	909.3423	0
723.2969	5.336391	95.99785	1
779.1831	16.00917	732.1155	2
813.5747	7.470948	282.7189	5
1019.924	20.27829	773.2574	1
1234.871	20.27829	315.4215	1
106.3988	8.538226	366.0577	0
1066.137	7.470948	173.0071	1
1033.895	13.87462	276.3894	2
1111.276	17.07645	332.3003	1
2267.692	18.14373	245.7967	0
507.2751	17.07645	217.3138	1
1782.986	11.74006	175.117	1
3009.259	20.27829	238.4122	1
500.8267	22.41284	713.1269	0
958.6639	20.27829	394.5406	0
294.4775	14.9419	355.5085	1
660.9622	24.5474	771.1476	2
217.1168	2.088235	191.4646	0
165.2206	9.397059	609.3018	0
331.5003	19.83824	991.1732	0
213.9395	6.264706	302.5353	0
361.1553	4.176471	569.1048	0
639.7003	4.176471	211.5631	0
287.0179	6.264706	693.927	0
340.9566	10.90909	290.3727	0
529.0706	8.727273	588.1366	0
726.7651	8.727273	562.795	0
256.5191	8.727273	308.323	0
176.8708	9.397059	403.0277	1
227.7079	6.264706	423.1262	0
410.9333	21.92647	680.1754	0

286.4463	4.363636	354.7826	1
243.5945	3.132353	252.8179	0
200.1711	5.220588	516.214	0
204.4076	15.66176	832.5009	2
126.0337	6.264706	276.0899	0
161.1106	4.176471	270.7165	1
291.2543	11.48529	632.5737	0
160.9842	5.220588	196.7537	0
288.584	6.545455	739.1304	1
213.9395	1.044118	574.3939	0
158	5	224	0
30	2	61	0
77	0	147	0
54	1	87	0
65	4	191	0
16	0	62	0
835.8033	42.249	1210.648	1.2
726.3656	29.5743	939.8589	0
825.0741	39.08032	1192.736	6
1009.616	36.96787	1077.888	3.6
818.6366	23.23695	643.7823	1.2
972.0639	10.56225	488.8952	1.2
183.469	7.393574	415.1395	2.4
449.5527	23.23695	749.1476	0
538.6049	20.06827	645.8896	1.2
196.344	6.337349	475.1977	0
194.1982	0	147.5115	0
207.0732	5.281124	278.1645	0
273.5941	14.78715	564.7583	1.2
126.6043	4.2249	341.3837	0
1250.509	46.90103	1206.759	2.484848
895.3551	43.62887	738.7641	4.969697
1557.389	50.1732	1748.297	7.454545
463.1052	19.125	325.816	1
468.9525	13.5	279.9264	0
1495.384	55.6268	796.7064	2.484848
1035.578	34.90309	908.1338	4.969697
1335.562	52.35464	1382.815	2.484848
1396.478	35.99381	1426.272	1.242424
501.123	17.45155	304.197	1.242424
349.4069	8.725773	617.3082	0
1417.167	37.08454	845.7345	6.212121
1302.23	58.89897	1359.415	4.969697
1876.912	50.1732	1746.068	2.484848
1045.922	37.08454	1312.616	0
884.11	14.625	263.865	1
1129.696	32.625	1526.975	11

318.0925	12.375	117.0184	1
1423.029	42.75	1048.313	3
341.9852	5.135135	227.375	0
247.5321	8.216216	377.1875	1
263.8171	8.216216	336.8125	1
310.5008	10.27027	302.8125	1
154.1647	6.162162	370.8125	0
736.1293	51.03125	1053.981	0
340.4457	14.42188	548.9028	0
908.6067	63.23438	1511.948	6.923077
1037.119	45.48438	1086.849	6.923077
953.6989	38.82813	1344.319	1.153846
535.2099	27.91525	826.6662	2
195.1942	15.50847	329.0007	0
430.2668	9.305085	504.9536	3
423.9702	29.98305	1000.537	1
518.419	19.64407	1038.018	8
571.94	19.64407	1007.825	0
446.7962	21.30303	649.9257	0
612.3998	11.21212	377.4483	1
295.6413	11.21212	542.7215	0
177.8293	6.727273	274.7109	0
639.0742	6.727273	339.4801	1
511.2593	16.81818	762.7135	0
83.88111	4.425532	244.2851	0
77.25892	2.212766	265.5273	0
161.14	6.638298	500.2534	0
48.56275	1.106383	94.52772	1
100.4366	3.319149	434.4027	0
217.4287	4.425532	599.0296	0
214.1176	4.425532	656.3835	0
120.3032	1.106383	449.2722	0
88.2959	5.531915	216.6703	0
46.35535	1.106383	186.9312	0
59.59974	4.425532	255.9683	0
148.9993	3.319149	418.471	0
105.9551	3.319149	157.1922	0
140.1697	6.638298	456.707	1
14.34808	0	71.16132	0
44.14795	0	89.21717	0
1173.43	28.96844	692.8734	1.191304
1205.705	25.62592	581.1197	1.191304
932.5194	25.62592	384.433	3.573913
1158.445	23.39758	498.4219	1.191304
690.4563	13.37005	214.5673	0
1470.822	27.85426	516.3025	5.956522
1086.979	35.65346	414.6065	2.382609

1401.661	28.96844	667.1701	2.382609
828.7781	34.53929	431.3696	2.382609
1387.829	45.68099	702.9313	2.382609
806.8771	24.51175	421.3118	0
960.1838	25.62592	438.0748	1.191304
1282.935	12.25588	415.7241	2.382609
1302.53	36.76763	585.5898	2.382609
796.503	28.96844	502.892	1.191304
843.763	30.08261	460.4256	2.382609
1285.24	45.68099	614.6458	4.765217
1522.692	42.33848	666.0525	1.191304
519.8594	23.39758	231.3303	1.191304
1474.28	46.79516	835.9183	1.191304
1418.951	54.59436	630.2913	2.382609
1130.781	28.96844	650.407	4.765217
1442.005	36.76763	744.2802	5.956522
983.2374	41.22431	369.905	0
1060.467	50.13768	493.9517	0
1224.148	57.93687	1030.37	5.956522
920.9926	45.68099	1014.724	3.573913
857.5951	34.53929	944.3195	2.382609
408.0493	15.59839	443.6625	4.765217
565.9667	16.71256	336.3789	2.382609
542.913	16.71256	382.1979	1.191304
365.4001	20.05507	345.3192	1.191304
1233.369	77.99194	1166.709	5.956522
873.7327	37.8818	994.6087	3.573913
1492.723	36.76763	612.4107	1.191304
1247.202	32.31095	668.2876	2.382609
1360.164	24.51175	500.6569	3.573913
285.865	14.48422	355.377	2.382609
1489.265	44.56682	586.7074	1.191304
1107.727	54.59436	1039.31	4.765217
1699.053	43.45265	888.4426	2.382609
1726.717	26.74009	472.7185	0
954.4204	16.71256	352.0244	0
987.8482	21.16924	413.489	0
1085.826	61.27938	1211.411	5.956522
999.375	36.76763	1029.252	3.573913
1216.079	38.99597	1104.127	1.191304
795.3503	27.85426	485.0114	5.956522
1265.644	42.33848	858.269	0
971.7106	43.45265	1034.84	7.147826
707.7465	34.53929	844.8586	4.765217
49.56531	1.114171	49.17166	0
779.2128	21.16924	362.0823	1.191304
1270.255	55.70853	1175.65	9.530435

879.4961	18.9409	797.922	4.765217
104.894	3.342512	131.8695	0
776.9074	17.82673	773.3362	1.191304
1219.537	49.02351	626.9387	5.956522
1459.295	54.59436	512.9499	2.382609
633.9749	28.96844	377.7278	1.191304
1377.455	56.8227	693.991	2.382609
1227.606	47.90934	856.034	4.765217
842.6103	34.53929	331.9087	2.382609
647.8071	21.16924	417.9591	5.956522
1324.431	44.56682	711.8716	1.191304
1560.731	25.62592	625.8212	1.191304
740.0216	22.28341	536.4182	3.573913
1193.025	51.25185	663.8175	2.382609
1393.592	36.76763	691.7559	11.91304
693.9143	13.37005	156.4553	1.191304
758.4645	21.16924	181.0411	0
1510.013	54.59436	793.4518	3.573913
1640.266	44.56682	714.1067	4.765217
1619.518	45.68099	664.935	3.573913
1847.749	43.45265	897.3829	3.573913
533.6916	16.71256	341.9666	2.382609
677.7768	6.685024	471.601	1.191304
555.5925	24.51175	163.1605	3.573913
1632.197	47.90934	583.3547	3.573913
356.1786	11.14171	184.3937	0
1202.247	42.33848	525.2428	1.191304
1086.979	32.31095	471.601	3.573913
1543.441	41.22431	386.6681	0
1553.815	49.02351	705.1664	7.147826
1122.712	30.08261	382.1979	0
1103.116	28.96844	577.767	1.191304
1317.515	35.65346	502.892	4.765217
1024.734	38.99597	426.8994	1.191304
1569.952	46.79516	810.2149	3.573913
1393.592	47.90934	626.9387	2.382609
1083.521	30.08261	432.4871	0
1244.896	34.53929	873.9146	8.33913
1304.836	26.74009	754.338	4.765217
1566.494	51.25185	886.2075	5.956522
1068.536	32.31095	585.5898	1.191304
994.7642	30.08261	543.1234	3.573913
1150.376	35.65346	623.5861	1.191304
874.8854	21.16924	485.0114	3.573913
941.828	30.52252	950.3285	2
395.1412	15.26126	493.4812	1
426.5729	11.99099	571.0591	2

398.5089	17.44144	539.8125	1
1018.162	28.34234	779.0108	1
209.9188	3.27027	269.3675	0
551.1771	20.71171	939.5538	1
250.3309	5.45045	257.5153	0
284.0077	5.45045	223.0363	0
286.2529	14.17117	508.5658	0
220.0218	10.9009	451.4599	0
235.7376	16.35135	656.1792	1
389.5284	17.44144	779.0108	1
417.5924	25.07207	791.9404	0
359.2193	19.62162	579.6788	2
152.5496	8.5	336.307	0
190.4002	10.625	323.6162	0
84.87721	1.0625	266.5075	0
161.7255	2.125	205.1684	0
57.34947	1.0625	182.9595	0
150.2556	2.125	295.0618	0
180.0773	4.25	147.0021	0
286.7473	7.4375	116.3326	0
377.3595	8.5	227.3774	0
143.3737	3.1875	159.693	0
158.2845	2.125	219.9744	0
338.0764	10.23256	344.7912	1.3
429.357	11.25581	557.2167	1.3
158.8959	2.046512	334.1165	2.6
23.66534	0	42.6986	0
455.2762	21.48837	658.6259	1.3
247.9227	14.32558	388.5572	1.3
322.2995	13.30233	788.8566	2.6
197.2112	7.162791	322.3744	1.3
100.296	8.186047	217.7629	1.3
344.4711	13.46429	672.0571	0
593.663	18.64286	1000.002	0
627.8658	25.89286	1118.94	1
244.397	5.959596	210.9863	0
48.8794	0	115.7719	0
387.7025	5.959596	330.0041	0
228.8444	2.383838	181.7728	0
99.98058	0	69.24677	0
274.3912	3.575758	76.82064	0
253.2841	5.959596	628.6308	0
248.8406	8.343434	279.151	0
766.5178	8.343434	373.2834	0
107.7569	1.191919	67.08281	0
555.4477	20.26263	697.8776	3.75
216.6246	2.383838	339.742	1.25

65.54283	5.959596	234.7898	0
93.31521	3.575758	139.5755	0
104.4242	2.383838	206.6583	0
255.5059	7.151515	304.0366	0
192.1849	3.575758	299.7087	0
84.42805	1.191919	109.2801	0
213.2919	3.575758	454.4319	0
227.7335	5.959596	267.2493	0
27.77238	2.383838	144.9854	0
67.76462	7.151515	236.9538	0
384.3698	10.72727	764.9604	0
149.0946	9.701299	203.0211	0
262.8483	16.16883	379.0448	0
345.6786	9.701299	816.4042	1
446.1794	11.85714	472.9961	1
415.2561	15.09091	461.1172	0
411.9429	20.48052	681.4167	0
1108.199	50.84211	697.7364	2.04
1304.274	41.50376	282.0413	0
1744.087	59.14286	638.8024	6.12
124.5777	6.225564	107.3441	0
997.7045	54.99248	900.8482	1.02
583.8901	29.05263	611.4402	5.1
1247.943	59.14286	1071.336	3.06
415.981	29.05263	959.7822	3.06
564.3909	39.42857	862.9621	3.06
163.5759	6.225564	362.0231	0
679.219	39.42857	835.5999	0
402.9816	25.93985	536.7203	0
440.8966	18.67669	1026.083	1.02
352.0673	19.71429	774.5611	1.02
194.9911	5.18797	444.1098	1.02
769.1316	35.2782	895.5863	1.02
958.7063	45.65414	674.5838	3.06
503.727	23.86466	597.7591	1.02
1039.953	81.96992	309.4035	2.04
1588.094	58.10526	436.743	3.06
1457.017	59.14286	376.7566	3.06
394.3154	36.31579	176.802	1.02
1849.166	67.44361	544.0871	8.16
1224.111	73.66917	258.8886	2.04
829.707	39.27692	668.3593	2.5
400.4334	13.8	404.6169	0
278.4177	7.430769	220.3149	2.5
536.8692	19.10769	506.3007	0
75.42791	3.184615	96.38779	0
533.5415	15.92308	683.1882	2.5

41.04165	0	66.73001	0
327.224	12.73846	236.203	0
785.3376	26.53846	534.8993	7.5
135.0624	5.162338	391.7011	0
429.1499	19.61688	1084.305	1.166667
606.6915	28.90909	936.4928	0
232.0023	17.55195	628.1998	0
496.681	11.35714	503.6156	3.5
433.5067	21.68182	717.9426	0
615.4052	24.77922	861.5312	5.833333
226.5563	12.38961	356.8597	3.5
271.214	7.227273	487.7787	0
289.7306	10.32468	805.5739	0
656.8894	12.87273	615.4583	1.5
692.8218	11.8	250.8661	0
583.9017	5.363636	250.8661	3
524.3886	11.8	496.1575	1.5
465.9985	17.16364	510.652	3
416.6031	9.775862	579.928	1.142857
466.0115	10.86207	778.0332	1.142857
435.6927	8.689655	191.4648	0
247.0423	3.258621	70.8309	0
556.968	18.46552	965.0711	5.714286
508.6825	11.94828	981.672	0
269.2327	6.508475	338.1797	0
167.3319	3.254237	286.8106	0
312.1383	14.10169	434.4967	0
98.68291	5.423729	261.1261	0
351.826	5.423729	205.4763	0
150.1696	2.169492	225.8099	0
429.0561	6.508475	95.24682	0
187.712	6.508475	368.145	0
499.8504	14.10169	559.7088	0
678.0556	15.12563	908.3411	0
721.3357	29.17085	769.7444	0
516.0325	12.96482	952.0523	1.2
387.3018	17.28643	872.0927	3.6
894.4563	31.33166	850.7702	1.2
220.8397	6.482412	350.7561	0
396.1798	16.20603	1059.731	0
678.0556	24.84925	783.6041	1.2
797.9083	28.09045	942.4572	1.2
857.8347	33.49246	1087.451	3.6
605.5402	21.2	1047.179	0
616.7539	25.44	1162.484	1.142857
433.9705	11.66	1357.455	3.428571
344.2608	20.14	991.6232	1.142857

355.4745	27.56	1266.259	2.285714
120.842	2.113208	290.7887	0
77.29533	3.169811	313.2393	0
92.53667	1.056604	329.2754	0
59.87667	3.169811	192.4337	0
155.6793	9.509434	552.7124	0
124.108	1.056604	390.2128	0
222.088	2.113208	566.6104	1
81.65	5.283019	456.4955	0
191.6053	6.339623	373.1076	0
189.428	7.396226	490.7059	0
65.32	5.283019	226.6441	0
109.9553	3.169811	356.0024	0
142.6153	6.339623	460.7718	0
403.0829	29.18623	1617.147	0
247.0508	15.1336	508.6948	0
202.625	9.728745	636.3919	1.222222
180.9539	3.242915	335.9898	0
178.7868	9.728745	539.049	0
74.76537	2.161943	151.7711	0
139.7787	5.404858	361.1105	1.222222
124.609	7.566802	430.1925	0
378.1611	14.05263	950.401	1.222222
409.5842	12.97166	243.8804	0
372.7433	5.404858	294.1219	0
682.6404	3.242915	196.7791	0
219.9619	6.48583	145.4909	0
198.2908	2.161943	219.8064	0
147.3636	9.728745	638.4853	0
367.3255	16.21457	1076.005	0
480.0154	14.05263	1059.258	2.444444
421.5033	19.45749	774.5559	0
409.5842	15.1336	854.1049	0
214.5441	5.404858	487.7609	0
252.4686	7.566802	713.8475	0
294.7273	6.48583	503.4613	0
235.1317	6.48583	567.3099	0
398.7487	6.48583	380.9978	0
85.60094	0	281.5615	0
202.625	14.05263	945.1676	1.222222
86.68449	0	161.1914	0
528.7754	11.89069	1238.243	3.666667
166.8676	7.566802	610.2245	0
488.8354	36.59722	1157.537	4.363636
447.822	26.90972	815.9511	3.272727
247.1889	22.60417	668.1805	0
282.6599	30.13889	970.1466	3.272727

478.8592	29.0625	1214.289	0
420.1102	30.13889	951.943	3.272727
332.5411	32.29167	806.3139	0
537.6081	34.44444	1571.937	5.454545
213.9348	15.06944	567.5251	1.090909
497.7032	20.45139	709.9417	0
302.6124	18.29861	398.3383	3.272727
134.1249	13.99306	421.896	0
517.7882	16.91429	391.8323	0
561.4699	19.02857	556.7016	0
365.4349	7.4	321.174	0
227.9973	4.228571	135.9637	1
395.2663	19.02857	331.8798	1
219.474	8.457143	325.4563	0
152.3533	2.114286	176.6457	0
585.9743	11.62857	433.5849	0
497.5454	7.4	310.4682	3
369.6965	14.8	80.2935	0
362.3487	11.91667	517.3895	1.111111
575.5599	20.58333	1541.479	2.222222
618.6441	17.33333	739.7387	0
551.2561	8.666667	380.5592	0
119.3099	6.5	360.2485	1.111111
778.8287	16.25	1158.781	3.333333
479.4492	16.25	875.5	1.111111
182.2791	3.25	379.4902	0
972.155	23.83333	748.2906	0
835.1695	18.41667	302.5232	1.111111
609.9273	38.28385	1120.65	10.54777
1529.51	85.57567	999.0647	10.54777
1041.568	31.52788	841.9213	7.031847
959.4626	64.18175	1069.034	11.71975
1558.834	55.17379	1061.004	12.89172
973.5379	25.8979	260.3762	2.343949
1596.368	69.81173	1062.151	10.54777
1686.684	52.9218	895.8318	3.515924
1359.434	37.15786	679.0428	9.375796
1043.849	31.78238	724.0435	3.663778
1574.082	56.29978	1114.915	4.687898
1517.144	50.05282	1036.923	9.967213
1129.833	23.21708	371.4847	5.757576
1049.779	46.16582	1008.241	5.859873
1225.719	49.54381	946.3012	5.859873
1038.049	32.65387	566.6337	7.031847
1327.863	39.43568	1018.452	3.737705
804.6349	46.16582	816.6866	1.171975
1640.939	39.40985	737.5414	7.031847

716.6646	28.14989	794.893	1.171975
561.8369	39.40985	816.6866	2.343949
935.6686	47.21014	874.8849	5.839413
1143.688	37.04564	833.6172	7.47541
1810.84	48.99585	842.3007	12.45902
877.357	21.39392	310.8456	3.515924
509.0547	32.65387	683.6309	2.343949
1090.913	28.74496	437.5771	2.30303
1034.822	19.90036	296.2761	4.606061
2213.877	22.11151	328.1828	2.30303
796.7211	17.68921	221.0676	0
161.8653	6.755974	128.4676	0
1131.884	31.52788	684.778	5.859873
1244.486	32.65387	730.6592	7.031847
1012.245	38.28385	680.1898	4.687898
702.5894	39.40985	455.3716	2.343949
840.996	30.40188	541.399	2.343949
1229.238	33.77987	406.0492	1.171975
2013.552	32.06168	525.3204	5.757576
1370.326	28.84706	435.7035	2.32349
1052.125	30.40188	373.9324	3.515924
957.1168	36.03186	484.0474	2.343949
929.8906	45.41079	1175.996	6.229508
1016.182	34.6556	1259.109	1.245902
1061.26	31.07054	728.1745	7.47541
1154.17	45.03983	379.6675	1.171975
1481.42	45.03983	519.6054	2.343949
513.8869	11.95021	457.7451	2.491803
1178.462	34.6556	1264.071	2.491803
735.4316	43.91383	458.8127	2.343949
1412.867	63.3361	821.2122	3.737705
1295.665	43.02075	1077.996	9.967213
1330.111	39.40985	287.905	1.171975
634.953	25.09544	832.3767	2.491803
1424.458	56.16598	1255.388	2.491803
1172.937	32.65387	548.2812	4.687898
841.365	27.63938	362.3685	1.151515
1076.031	25.42823	347.5547	1.151515
861.9699	24.32266	434.1585	1.151515
1208.125	54.04779	620.5442	8.203822
1497.286	47.53974	680.2956	3.454545
1122.965	24.32266	496.8323	4.606061
970.0191	24.7719	297.0812	1.171975
1083.794	41.66184	965.8007	4.687898
731.5483	33.46058	714.529	1.245902
1384.066	38.28385	641.1908	2.343949
1500.72	28.74496	265.509	1.151515

1134.412	48.64531	625.5985	5.757576
1374.802	50.85647	580.0175	9.212121
1211.108	15.47805	234.7419	3.454545
1790.333	34.27284	477.4604	3.454545
1041.69	14.37248	203.9747	2.30303
1157.306	15.47805	292.8576	2.30303
1097.781	23.21708	404.5309	4.606061
1092.057	19.90036	405.6704	1.151515
1406.854	19.90036	410.2285	8.060606
1206.529	22.11151	356.6709	1.151515
1565.925	34.27284	491.1647	1.151515
1451.498	24.32266	376.0428	2.30303
997.0461	12.16133	274.6252	1.151515
1169.898	27.63938	560.6456	1.151515
1454.932	28.74496	308.8109	2.30303
840.2203	19.90036	128.7662	2.30303
1361.065	17.68921	184.6028	4.606061
756.6561	17.68921	345.2757	4.606061
1346.184	18.79478	470.6233	3.454545
1081.755	11.05575	297.4157	1.151515
1573.982	24.32266	252.9742	0
1624.35	13.2669	226.7652	3.454545
1333.592	22.11151	198.2771	3.454545
1438.906	18.79478	299.6947	0
1245.449	27.63938	524.1809	5.757576
173.0995	5.522876	339.2778	1.076923
721.4271	27.61438	840.819	1.076923
259.1117	11.04575	539.4728	1.076923
231.1577	9.941176	688.0386	1.076923
61.28367	4.418301	114.8487	0
508.547	19.88235	906.1458	0
378.4536	16.56863	918.7897	1.076923
73.11035	2.20915	220.2145	0
219.331	9.941176	548.9558	1.076923
587.0331	27.61438	1137.951	4.307692
132.2437	3.313725	457.2875	0
718.2016	30.9281	1123.199	3.230769
425.8607	3.230769	393.5652	3.272727
312.853	9.692308	472.2783	2.181818
418.7234	3.230769	325.6348	1.090909
341.4023	9.692308	340.7304	4.363636
103.4913	8.615385	250.1565	0
242.6692	7.538462	201.6348	1.090909
395.2245	3	216.068	0
202.4061	5	369.6457	0
216.2549	3	314.5695	2
197.0796	4	392.9471	2

180.0349	5	389.7697	1
148.1487	9.405	328.072	0
129.6301	6.27	350.2962	0
366.0144	16.72	793.7225	2
479.3046	18.81	482.5833	2
837.6938	42.845	1120.736	5
685.1878	29.26	1185.292	2
181.9179	16.72	458.2425	1
354.0318	26.125	610.6372	3
535.6109	29.79339	690.2229	0
442.5088	11.70455	445.8583	1.1
743.7214	32.98554	1234.684	2.2
705.885	24.035	885.7943	2
788.6295	30.85744	1412.599	6.6
325.3097	11.70455	354.7574	1.1
185.1859	18.81	283.6235	0
790.8201	27.66529	1305.422	2.2
523.5623	28.72934	622.7011	3.3
944.1647	30.85744	1182.167	0
1106.272	28.72934	1234.684	0
519.1811	20.21694	472.6526	1.1
140.2008	10.6405	269.0154	0
408.5539	32.98554	727.735	1.1
615.5691	22.34504	786.6826	6.6
743.7214	26.60124	1346.149	2.2
500.5607	19.15289	1133.938	3.3
507.1326	18.08884	674.1463	0
456.7479	19.15289	531.6002	2.2
607.9019	27.66529	706.2995	2.2
616.6644	18.08884	487.6575	1.1
318.7377	10.6405	595.9067	0
481.9402	22.34504	491.9446	0
821.489	34.04959	988.1763	7.7
428.4245	15.28244	441.1716	0
232.6692	7.641221	377.0789	0
102.9114	3.274809	237.1431	0
126.402	7.641221	228.5974	0
278.5318	5.458015	333.2822	0
470.9313	17.46565	644.1319	0
171.1461	5.458015	131.3901	0
201.3483	8.732824	314.0543	0
163.3159	7.641221	357.851	0
76.06492	5.458015	204.0285	0
224.839	10.91603	399.5113	0
249.4482	13.09924	573.6299	0
69.35331	1.091603	233.9384	0
55.93009	5.458015	237.1431	0

284.1248	9.824427	292.6901	0
181.2135	8.732824	223.2563	0
267.3458	9.824427	393.102	0
496.0679	39.82692	1038.834	0
232.7367	13.625	496.2851	0
130.0266	8.384615	644.5398	0
50.26239	5.240385	247.0911	0
135.4899	17.81731	536.2403	0
152.9725	9.432692	450.0213	0
157.3431	13.625	517.3142	1.074074
119.1	13.625	340.6703	2.148148
268.7945	19.91346	720.2443	1.074074
579.1101	19.91346	999.9305	2.148148
278.6285	17.81731	471.0503	0
307.0376	26.20192	770.714	1.074074
529.9404	30.39423	883.2193	1.074074
226.1808	24.10577	515.2113	2.148148
314.6863	24.10577	799.1032	0
173.733	9.432692	476.3076	0
316.8716	24.10577	757.0451	1.074074
696.0248	50.30769	759.148	3.222222
132.2119	4.192308	297.5608	0
834.7927	40.875	1005.188	2.148148
356.2074	20.96154	578.2984	1.074074
267.7019	20.96154	822.2351	2.148148
64.46698	4.192308	114.6082	0
376.9679	19.91346	763.3538	0
215.2541	18.86538	1008.342	0
638.1138	34.58654	739.1705	0
332.1688	29.34615	822.2351	1.074074
268.7945	15.72115	1264.896	1.074074
428.323	31.44231	1028.32	5.37037
134.3973	13.625	558.3208	0
596.5927	31.44231	725.5016	1.074074
138.1586	5.215054	516.4054	1
140.4235	3.129032	371.7691	0
129.099	4.172043	281.7731	0
293.3038	8.344086	748.895	0
73.60907	5.215054	145.7078	0
61.15215	4.172043	144.6364	0
77.00642	5.215054	230.3468	0
166.4698	3.129032	448.9085	0
123.4368	6.258065	221.7758	1
46.43034	1.043011	41.78384	0
167.6022	10.43011	706.0398	1
155.1453	4.172043	278.559	0
474.4954	15.64516	966.3853	1

209.5027	11.47312	567.8317	0
215.165	9.387097	708.1826	0
145.0342	4.344828	436.3223	4
163.5724	5.431034	535.0521	0
92.69102	7.603448	348.2085	0
124.315	6.517241	572.2085	0
27.26206	0	171.981	0
101.4149	0	415.09	0
85.05764	3.258621	312.1137	0
89.41957	6.517241	257.9716	1
26.17158	1.086207	83.8673	1
302.0637	9.775862	971.3744	0
102.5054	2.172414	184.7204	0
69.79088	2.172414	214.4455	0
19.62869	3.258621	132.7014	0
70.88137	2.172414	338.654	0
46.89075	2.172414	220.8152	1
116.6816	5.431034	519.128	1
43.6193	1.086207	109.346	0
314.0553	11.60156	490.0068	0
592.9715	36.91406	1315.115	6.071429
331.6248	18.98438	1012.681	1.214286
364.5677	20.03906	753.4513	1.214286
379.941	25.3125	847.2376	1.214286
252.5619	24.25781	913.6256	2.428571
198.7553	11.60156	503.7059	0
1033.308	32.69531	1463.698	1.214286
45.02191	2.109375	74.81824	0
524.8896	21.09375	1166.532	0
342.6058	24.25781	856.7216	0
981.6973	41.13281	1438.407	3.642857
346.3315	13.75	863.1812	2
212.7159	4.230769	696.3478	0
110.0992	0	243.5145	1
281.1271	13.75	876.6522	1
57.72191	3.173077	298.4348	2
304.6434	14.80769	550.2391	0
157.1319	3.173077	253.8768	0
199.8888	13.75	674.587	1
265.0932	10.57692	378.2246	0
250.1283	6.346154	570.9638	1
143.2359	8.461538	329.5217	1
167.8211	11.63462	704.6377	1
168.89	4.230769	358.5362	1
18.17171	2.115385	65.28261	0
108.5204	9.885246	391.2824	0
306.5965	8.786885	424.6718	0

436.1888	4.393443	266.072	0
95.87725	2.196721	134.6011	0
307.6501	2.196721	292.1575	0
223.3624	3.295082	311.9825	2
231.7911	3.295082	180.5116	0
298.1677	6.590164	554.0558	0
171.7362	1.098361	188.859	0
351.9011	12.08197	407.9771	4
61.10858	5.491803	251.4641	0
243.3807	4.393443	123.1235	0
210.7192	3.295082	342.2416	0
399.0514	23.2201	1002.04	0
510.4675	17.69151	972.2761	5.47619
949.2995	36.44474	1174.03	1.095238
890.3391	38.22222	1030.969	0
874.275	32.06586	944.7172	1.095238
679.8654	30.96014	1038.417	0
623.0204	25.43154	1063.771	3.285714
1218.755	40.91161	996.5279	1.095238
1008.429	30.96014	1050.543	0
1243.767	45.33449	1015.268	2.190476
1316.529	43.12305	1591.799	3.285714
1261.219	43.53086	1064.735	0
1417.213	47.02399	892.5499	0
1427.945	55.20988	1163.78	5.333333
420.6525	17.69151	869.7572	4.380952
379.7241	14.37435	808.0253	1.095238
374.0396	14.37435	906.1348	2.190476
883.3702	33.17158	1104.559	6.571429
731.0258	33.17158	1343.769	2.190476
1211.934	43.12305	1042.827	2.190476
1601.89	56.39168	1234.636	1.095238
757.1745	28.7487	655.9005	2.190476
917.5597	27.60494	754.0933	0
1243.341	58.34512	962.3595	8.380952
678.3276	17.42756	431.3862	2.428571
1534.785	41.44545	1351.129	2.428571
1153.815	54.72189	2123.163	1.212766
1059.132	37.55424	929.9626	1.212766
1021.699	40.77318	1079.922	1.212766
1189.046	64.3787	1310.794	3.638298
840.0389	37.55424	871.7051	1.212766
1256.205	53.64892	1069.133	4.851064
551.5852	40.77318	1065.897	1.212766
1087.757	32.18935	1319.425	1.212766
1106.473	19.31361	433.6949	1.212766
1446.672	35.40828	904.0704	1.212766

663.8839	32.18935	694.7748	2.425532
587.9171	19.31361	366.8066	1.212766
626.451	20.38659	215.7686	0
1900.271	51.50296	847.9705	8.489362
1119.685	50.42998	1391.707	3.638298
745.3556	32.18935	860.9167	1.212766
1226.479	32.18935	1427.309	1.212766
941.328	41.84615	869.5474	1.212766
929.2173	51.50296	883.5724	1.212766
1089.959	26.82446	683.9864	0
807.0098	48.28402	1017.349	2.425532
1143.906	42.91913	1038.926	0
816.9186	55.79487	1445.65	1.212766
889.5825	28.97041	326.8894	6.06383
1421.35	42.91913	1178.096	4.851064
1245.195	27.89744	675.3557	0
1669.068	66.52465	1335.608	3.638298
332.6663	10	400	3
456.9152	8	243	1
187.3753	0	175	1
175.3512	2	148	0
414.8309	7	238	1
233.4676	6	203	2
196.3934	2	29	1
476.3051	2.064516	127.5449	0
338.1242	2.064516	143.3562	0
81.65229	1.032258	44.27177	0
191.5688	5.16129	319.3892	0
28.26426	0	115.9499	0
350.6861	6.193548	204.4934	0
57.57534	1.032258	10.5409	0
287.8767	3.096774	160.2216	0
138.1808	2.064516	85.38127	0
191.5688	5.16129	257.1979	0
116.1975	4.129032	129.653	0
99.11555	1.092593	312.1263	0
64.26173	1.092593	243.9485	0
118.7208	3.277778	521.9859	2.133333
58.81582	0	273.7763	0
70.79682	2.185185	113.9847	1.066667
10.89182	0	52.19859	0
18.51609	0	95.87496	0
27.22955	2.185185	102.2666	0
20.69446	1.092593	79.8958	0
62.08337	4.37037	322.779	1.066667
39.21055	0	91.61385	0
454.1888	12.01852	1422.145	2.133333

76.24273	3.277778	343.0193	0
257.0469	19.66667	1245.309	0
67.52927	5.462963	211.9902	0
193.8744	8.740741	850.0913	4.266667
563.107	27.31481	1848.256	2.133333
42.47809	1.092593	128.8986	0
162.2881	10.92593	801.0886	2.133333
401.9081	14.2037	1366.751	1.066667
365.0413	16.83045	507.4744	3.136364
551.96	31.55709	1221.737	1.045455
632.2251	47.33564	1017.059	2.090909
577.249	50.49135	854.5827	2.090909
522.2729	24.19377	697.3817	2.090909
425.515	13.67474	989.6279	1.045455
622.3294	46.28374	1355.727	6.272727
332.0556	23.14187	596.0978	1.045455
680.6041	31.55709	919.9952	2.090909
173.7245	8.415225	408.3006	2.090909
177.023	10.51903	307.0168	0
739.3789	34.73171	1185.248	4.615385
433.2738	17.36585	557.6369	1.153846
135.0464	2.170732	442.4494	0
209.3219	10.85366	774.0173	0
70.89934	4.341463	284.2011	0
312.8574	14.10976	659.9062	1.153846
461.4084	19.53659	1199.242	1.153846
660.6018	23.87805	919.3473	2.307692
334.2398	14.10976	846.144	1.153846
425.3961	18.45122	1006.545	0
397.2614	23.87805	1327.348	0
333.1144	8.682927	512.4231	0
36.01236	0	107.6519	0
250.9612	17.36585	1101.279	1.153846
49.517	5.426829	224.9925	1.153846
226.2027	10.85366	835.3788	0
254.3373	15.19512	968.8672	0
131.6702	6.512195	448.9085	1.153846
363.4998	19.53659	948.4134	0
635.4789	6.5	252.1432	0
334.9296	1.083333	208.1007	1
576.6999	8.666667	442.627	1
212.9353	6.5	320.4091	0
309.4217	5.416667	314.9038	0
309.4217	5.416667	247.739	0
438.0701	18.41667	866.5359	0
631.0428	26	768.5414	0
241.0728	6.125	410.7523	2

117.249	3.0625	338.2039	0
107.387	2.041667	346.739	0
295.8621	3.0625	868.4478	1
121.6322	6.125	473.6988	0
540.2222	19.39583	1170.377	0
60.2682	4.083333	240.0501	0
427.3563	16.33333	924.9929	0
317.7778	12.25	1085.026	2
267.3716	9.1875	908.9896	1
218.0613	9.1875	955.9327	0
145.7395	7.145833	267.7892	0
70.59034	6.287671	337.7999	1.333333
350.7797	13.62329	1045.82	2.666667
645.0871	34.58219	1031.179	1.333333
705.9034	31.43836	1145.173	0
183.5349	12.57534	726.8451	0
193.3089	13.62329	715.3411	1.333333
143.3527	9.431507	510.3603	0
203.083	11.5274	789.5943	1.333333
67.33233	6.287671	376.4953	0
181.3629	8.383562	561.6055	1.333333
134.6647	5.239726	428.7863	2.666667
884.4578	31.34818	728.1848	1.225806
1032.424	36.75304	1032.404	0
1659.888	39.99595	776.7304	1.225806
1444.058	58.37247	1317.205	2.451613
756.5173	17.29555	705.5302	6.129032
799.9058	43.23887	1816.686	3.677419
887.7953	34.59109	1108.998	1.225806
1138.114	47.56275	893.24	0
966.7847	49.7247	1484.418	6.129032
930.0713	37.83401	1550.225	4.903226
566.2755	22.7004	736.8151	1.225806
1170.377	57.2915	1476.867	7.354839
1397.332	57.2915	1200.696	2.451613
1333.818	42.53406	420.0414	4.556391
1211.14	27.58966	477.6942	20.50376
2009.747	72.42287	614.1782	9.112782
1707.864	66.67502	312.972	13.66917
2540.147	71.2733	532.9938	12.53008
2567.809	71.2733	304.7359	7.973684
2777.083	77.02114	369.4482	19.36466
2757.839	82.76899	375.3311	14.80827
1461.306	34.48708	414.1585	11.39098
1899.096	73.57244	288.2637	14.80827
922.487	32.18794	221.1983	3.417293
1748.756	51.73062	331.7974	13.66917

1641.714	52.88019	465.9283	19.36466
1844.974	55.17933	328.2677	5.695489
1605.633	55.17933	427.101	27.33835
2069.883	77.02114	504.7557	20.50376
1539.483	45.98277	349.4462	7.973684
1974.868	67.82459	550.6426	19.36466
2253.899	64.37588	400.0395	7.973684
2225.034	41.38449	414.1585	11.39098
1047.57	25.29052	271.7915	4.556391
1640.511	36.78622	255.3193	7.973684
1926.759	41.38449	257.6725	3.417293
2815.57	39.08536	370.6248	6.834586
1980.881	65.52545	250.613	3.417293
2097.545	32.18794	276.4979	2.278195
1747.554	26.44009	356.5058	1.139098
1958.03	37.93579	591.8231	7.973684
296.109	8	628.1934	1.142857
514.5865	31	798.7339	3.428571
349.3421	4	418.7956	1.142857
609.9624	24	1581.277	2.285714
362	22	609	2
304	15	438	2
2297.288	64.11275	346.7324	6.341463
2269.596	38.68873	274.4964	5.073171
2102.289	49.74265	147.8058	2.536585
2483.055	59.69118	463.4211	3.804878
1993.829	43.11029	181.1454	6.341463
2488.824	77.37745	395.6305	8.878049
1348.834	43.11029	130.0246	5.073171
1277.297	29.84559	126.6907	8.878049
1379.988	45.32108	280.0531	5.073171
622.7498	32.19512	904.5609	1.065217
365.0221	34.34146	1121.312	2.130435
1809.432	10.58722	115.6966	3.375
483.5827	20.11572	744.6653	5.625
1390.967	11.64594	144.0948	2.25
1642.599	48.29268	1135.261	2.130435
839.5508	36.4878	998.9872	2.130435
954.3552	27.52677	631.0723	3.375
1144.842	45.07317	1711.476	0
407.7894	23.29188	309.2254	2.25
549.7684	23.29188	540.6186	3.375
1232.976	16.93955	152.5091	2.25
693.8824	20.11572	607.933	2.25
243.348	9.658537	278.9867	0
919.1273	19.05699	459.631	1.125
557.4883	26.82927	1150.284	1.065217

334.0505	23.60976	788.6741	1.065217
759.0006	19.05699	318.6915	2.25
440.2387	20.39024	660.984	2.130435
882.265	28.96116	958.9878	3.195652
780.3508	24.3506	802.5136	2.25
420.5995	14.82211	482.7703	2.25
1017.637	30.04878	669.5682	1.065217
844.4015	22.23316	449.1131	0
413.1269	14.82211	302.9147	1.125
485.7177	13.76339	188.2699	1.125
933.005	32.82038	924.5209	2.25
101.7637	3.219512	156.6618	1.065217
447.2873	24.3506	722.5778	1.125
670.3972	5.29361	21.03574	1.125
1366.415	10.58722	185.1145	1.125
1731.504	13.76339	71.52153	5.625
377.899	19.05699	462.7863	1.125
696.8603	53.65854	1500.09	2.130435
735.5154	17.99827	273.4647	0
1035.335	44	1451.804	3.195652
600.6272	25.7561	724.2925	1.065217
478.2451	21.17444	855.1029	4.5
242.2419	12.87805	392.7275	0
1214.828	28.58549	749.9242	3.375
1482.211	41.85366	987.1839	1.065217
858.2792	22.23316	465.9417	1.125
430.2836	19.31707	892.7576	5.326087
768.6082	12.70466	439.647	1.125
443.5571	8.585366	177.0493	0
702.391	19.31707	688.8827	1.065217
310.8218	15.02439	512.9064	2.130435
1649.236	9.658537	126.6171	0
1481.105	62.2439	1405.664	3.195652
1030.911	36.4878	579.434	0
559.7005	30.04878	1271.536	2.130435
1080.687	27.90244	596.6024	2.130435
686.4098	23.29188	389.1612	2.25
1087.794	21.17444	350.2451	5.625
929.8024	19.05699	199.8396	2.25
799.566	32.82038	399.6791	2.25
958.6252	25.40933	466.9935	2.25
496.6512	8.585366	145.9315	0
670.3133	21.46341	538.659	1.065217
785.3505	45.07317	1242.564	1.065217
488.9083	18.2439	860.5668	2.130435
615.0069	22.53659	1047.273	1.065217
322.9892	19.31707	726.4386	3.195652

384.4395	32.72727	532.7249	0
345.6632	18.54545	652.588	0
446.4816	28.36364	802.4168	1.75
541.7605	17.45455	998.8591	1.75
386.6553	22.90909	1196.411	3.5
132.6014	6.1875	155.161	0
164.4257	6.1875	161.4091	1
180.3378	0	110.383	0
164.4257	11.34375	262.42	0
143.2095	9.28125	267.6268	0
372.5172	5.191083	51.73125	0
313.0843	7.267516	150.8828	0
705.7663	21.80255	228.4797	0
902.1073	14.53503	715.6156	2.909091
393.7433	4.152866	45.26484	0
690.908	4.152866	98.07383	0
558.2452	5.191083	214.4691	0
407.5402	6.229299	294.2215	2.909091
589.023	13.49682	372.8961	0
945.6207	8.305732	385.8289	1.454545
937.1303	14.53503	517.3125	0
839.4904	14.53503	381.518	2.909091
200.5862	1.038217	6.466406	0
592.2069	10.38217	534.5563	2.909091
582.6552	16.61146	710.227	0
387.3755	15.57325	810.4563	2.909091
230.9281	4	81.20548	0
187.0413	2	11.45205	0
115.9865	3	134.3014	1
175.5472	1	150.9589	0
178.6819	1	10.41096	0
132.7053	3	158.2466	0
142.1096	4	61.42466	0
1179.21	38.45291	454.2219	5.4
1105.061	43.94619	508.1321	8.64
1570.287	54.93274	649.2161	1.08
1252.163	42.84753	512.7202	4.32
1121.805	30.76233	427.8403	3.24
1101.473	34.0583	435.8695	4.32
2100.185	49.98347	392.7541	8.346154
1662.057	28.56198	281.9155	16.69231
2139.758	65.45455	437.3304	5.961538
252.4623	14.48276	441.7149	1
242.8751	7.241379	317.4826	0
419.7053	1.034483	29.73081	1
302.5287	3.103448	29.73081	0
357.9213	1.034483	11.67996	0

318.5073	3.103448	234.661	0
1695.381	46.53425	941.7577	3.157895
1903.18	81.16438	713.0451	8.421053
1356.744	57.35616	745.5582	4.210526
1064.286	30.30137	242.1663	3.157895
601.4093	21.64384	189.4727	1.052632
274.3165	5.454545	516.045	0
160.5755	2.181818	319.9694	0
185.1079	4.363636	361.9856	0
1336.527	12.54271	179.0257	2.036364
1553.06	5.226131	73.71646	3.054545
851.1962	11.49749	128.4773	0
2134.39	24.0402	240.105	3.054545
1575.46	15.67839	182.185	2.036364
1256.528	16.72362	510.7497	2.036364
1365.327	11.49749	224.3087	1.018182
1764.259	18.81407	203.2468	0
1787.725	10.45226	90.56593	4.072727
332.6875	8.430493	151.7325	0
403.1982	15.67839	244.3174	1.018182
1611.726	37.62814	470.7322	7.127273
630.3972	17.76884	377.007	2.036364
635.7305	16.72362	149.5391	1.018182
1073.062	15.67839	267.4854	3.054545
1821.859	16.72362	169.5479	5.090909
1067.819	36.88341	851.3879	2
1180.504	34.77578	714.4072	7
898.2561	31.61435	443.6068	1
1128.528	10.45226	417.0245	3.054545
1214.846	46.36771	1484.66	0
1734.392	36.58291	860.3764	2.036364
999.1356	33.72197	594.2856	1
1997.858	27.17588	516.0152	1.018182
2119.457	34.49246	547.608	3.054545
1425.19	42.15247	1107.436	5
1419.727	28.22111	665.5543	1.018182
400.2265	11.50607	71.61572	5.090909
884.2627	13.58794	354.8921	3.054545
474.6646	8.361809	404.3874	1.018182
1418.64	62.15385	551.4399	10.8
753.1846	38.32821	204.7262	2.4
1351.239	62.15385	520.6209	4.8
1197.178	45.57949	602.0711	1.2
870.8697	39.3641	282.8744	4.8
1161.873	58.01026	662.6084	0
1267.789	60.08205	659.3064	1.2
1213.226	38.32821	572.3528	4.8

391.1127	21.60577	354.8941	1
597.3552	8.230769	97.86473	1
402.8675	25.72115	809.8038	0
824.97	9.259615	638.8094	2
407.1419	12.34615	588.2638	0
733.0692	13.375	101.091	1
521.4836	16.46154	303.2731	0
1511	36	569	4
1171.969	88.67913	1049.483	3
1135.579	85.58567	1250.537	3
832.6868	61.86916	841.0599	2
488.053	20.62305	272.6339	0
657.159	36.09034	450.5302	0
1628.984	57.74455	369.4769	2
1317.529	31.96573	278.9498	2
437.7493	9.280374	112.6325	0
302.8925	15.46729	207.3702	1
524.4429	27.84112	358.9505	1
109.1697	145.3925	822.1123	2
461.2957	40.21495	495.7937	0
401.3593	36.09034	548.4258	1
719.2359	75.27414	1138.957	6
1029.62	83.52336	1615.803	4
446.3116	34.02804	535.7941	1
902.2558	89.71028	937.9028	1
1015.707	53.61994	951.5871	3
1316.476	42.76863	507.6508	0
1607.461	54.02353	802.6053	1.142857
1534.715	57.4	863.7114	3.428571
1338.769	43.89412	850.7852	3.428571
1241.383	39.39216	642.7893	5.714286
1091.196	49.52157	828.4579	2.285714
1210.034	25.76316	415.3973	1.333333
868.9198	35.13158	380.8767	2.666667
953.046	28.10526	463.726	0
481.1428	6.227848	10.90529	1
580.8004	17.64557	336.9735	1
395.4158	4.151899	165.7604	5
647.2389	10.37975	273.7228	0
549.7244	43.59494	775.3663	0
234.6777	0	3.271588	0
1634.912	23.6308	394.2776	2.15873
1565.386	32.87764	312.7029	3.238095
1276.748	38.01477	590.8935	4.31746
1118.735	17.46624	249.9532	0
348.6828	11.30169	164.1952	2.15873
1742.361	34.93249	559.5186	2.15873

1469.524	35.95992	705.9347	1.079365
1289.389	24.65823	338.8487	2.15873
741.6094	18.49367	371.2694	2.15873
1438.975	41.09705	375.4527	5.396825
292.8514	6.164557	81.57468	0
793.2271	32.87764	635.8641	3.238095
1286.229	47.2616	1071.975	1.079365
782.6929	19.5211	384.8651	1.079365
888.0351	46.23418	1044.783	0
534.0852	22.60338	599.2601	1.079365
860.6461	36.98734	603.4434	1.079365
1371.556	44.17932	1022.821	4.31746
1175.619	42.12447	507.2272	1.079365
497.2154	24.65823	511.4105	2.15873
325.5075	22.60338	406.8276	0
543.566	18.49367	302.2446	1.079365
573.0618	24.65823	501.998	0
810.0819	25.68565	751.9512	1.079365
1634.912	41.09705	966.3462	6.47619
1567.493	39.04219	478.9898	1.079365
889.0886	10.27426	206.0284	1.079365
599.3974	14.38397	167.3327	2.15873
545.6728	3.082278	12.54995	0
342.3623	5.137131	67.9789	0
168.5476	1.027426	4.183317	0
413.995	2.054852	8.366634	0
434.0101	2.054852	19.87075	0
555.1536	3.082278	6.274975	0
697.3657	3.082278	20.91658	1.079365
1276.748	15.41139	312.7029	0
153.7997	0	4.183317	0
1015.499	7.191983	20.91658	1.079365
516.177	16.43882	266.6864	2.15873
672.0835	9.246835	453.8899	0
1001.805	15.41139	403.6901	4.31746
320.2404	1.027426	4.183317	0
615.1987	4.109705	49.15397	3.238095
1231.451	32.87764	769.7303	1.079365
1386.304	55.48101	1157.733	2.15873
1434.318	35.60709	499.4097	1.119403
547.8163	17.99596	374.9169	1.074074
760.7971	26.46465	517.3434	2.148148
679.3358	11.64444	68.09763	0
1164.507	43.40202	544.572	1.074074
1541.626	52.36337	487.7462	4.477612
609.8507	17.80355	185.5556	0
1399.257	27.22895	100.7302	4.477612

760.7197	27.22895	406.1018	3.358209
1211.202	48.1743	318.0954	5.597015
1534.189	46.07976	526.978	6.716418
941.3376	13.61448	37.11113	1.119403
1534.189	50.26883	271.4414	5.597015
1495.941	24.08715	331.8795	1.119403
925.0361	15.87879	428.3268	1.074074
848.7445	22.2303	301.6091	0
1420.506	72.26145	721.0162	6.716418
1155.954	23.03988	115.5747	3.358209
671.4733	5.236337	120.8762	2.238806
1523.564	9.425406	45.59367	1.119403
662.9736	4.189069	120.8762	2.238806
1004.023	12.56721	164.3493	2.238806
851.0287	8.378139	55.13653	2.238806
1825.302	37.70162	346.724	1.119403
1782.804	11.51994	69.98098	1.119403
1623.435	25.13442	550.305	2.238806
625.7876	5.236337	9.542861	0
1059.27	5.236337	9.542861	0
1069.895	11.51994	29.6889	0
1523.564	17.80355	44.53335	2.238806
694.042	13.76162	355.019	0
837.2167	28.27622	488.8066	3.358209
689.5351	17.80355	335.0605	2.238806
692.7225	6.283604	13.78413	1.119403
1125.143	12.56721	119.8159	2.238806
1563.938	17.80355	249.1747	2.238806
1142.142	10.47267	27.56827	2.238806
787.2812	24.08715	331.8795	1.119403
949.407	45.51919	674.4315	1.074074
1145.434	46.57778	697.4711	1.074074
920.7977	27.52323	464.9807	2.148148
528.7434	25.40606	428.3268	1.074074
1293.779	40.22626	541.4302	2.148148
960.0031	40.22626	529.9104	5.37037
738.5454	37.05051	756.1173	5.37037
868.877	49.75354	781.2514	1.074074
891.1287	47.63636	610.549	3.222222
547.8163	12.70303	393.7674	1.074074
408	16	672	3
957.4593	5.859375	93.25844	4
1793.081	14.0625	122.0419	2
1648.255	21.09375	331.5856	1
1180.445	14.0625	199.1816	0
1095.389	10.54688	80.59371	2
1080.446	4.6875	37.99418	0

1414.925	4.6875	124.3446	0
523.4007	33.38462	1310.176	6.5
563.6623	60.30769	1383.696	2.6
649.9371	46.30769	1411.128	3.9
954.2224	28.06299	293.1685	1.12
681.4346	3.11811	17.73617	2.24
622.598	15.59055	141.8894	2.24
931.7575	14.55118	138.7595	1.12
417.2049	9.354331	193.0113	3.36
758.457	6.23622	17.73617	0
496.3668	8.314961	8.346434	0
855.8048	7.275591	20.86608	1.12
651.4814	14.55118	208.6608	1.12
732.7829	19.74803	273.3457	1.12
382.9727	9.354331	208.6608	1.12
685.7136	10.3937	183.6215	1.12
617.2492	3.11811	16.69287	0
551.9941	16.62992	310.9047	6.72
417.2049	20.7874	487.2231	1.12
554.1336	18.70866	235.7868	3.36
647.2024	22.86614	398.5422	1.12
1110.407	3.11811	19.82278	2.24
1051.57	9.354331	23.996	2.24
1536.17	10.3937	36.51565	0
278.1366	20.7874	441.3177	1.12
335.9034	15.59055	506.0025	0
942.4551	18.70866	471.5735	0
426.8327	12.47244	461.1405	1.12
251.3927	21.82677	461.1405	0
562.6917	30.14173	508.0892	8.96
646.1326	34.29921	616.5928	0
1432.403	35.33858	852.3795	3.36
1258.033	23.90551	458.0106	5.6
1582.169	34.29921	161.7122	1.12
1612.122	29.10236	427.7547	2.24
1544.111	62.4	618.481	0
761.3476	40.56	592.3185	5.5
673.541	27.04	747.2004	5.5
652.5409	19.97343	194.1438	2.175
579.4479	26.28083	339.7516	6.525
862.2862	25.2296	546.5569	6.525
952.3284	35.74194	391.4529	5.4375
668.4307	50.4592	753.3623	5.4375
851.693	35.74194	371.4055	1.0875
836.8625	28.3833	257.4515	6.525
1411.014	32.58824	205.7502	3.2625
1758.471	59.9203	302.8221	1.0875

653.6002	32.58824	405.1696	5.4375
1743.64	66.2277	327.0901	8.7
1470.336	44.1518	236.3489	3.2625
921.6081	23.12713	91.79624	1.0875
1520.124	54.66414	295.4362	5.4375
1370.76	36.79317	221.5771	5.4375
2169.487	36.79317	77.02443	2.175
1836.86	33.63947	99.18215	4.35
649.3629	2.102467	23.21284	3.2625
797.6677	14.71727	80.18982	6.525
760.5915	12.6148	25.3231	2.175
1091.099	11.56357	30.59875	1.0875
1096.396	19.97343	60.14237	1.0875
883.4726	8.409867	28.48849	0
1034.955	31.537	178.3168	3.2625
1061.438	33.63947	214.1912	3.2625
637.7104	15.7685	260.6169	1.0875
327.3298	4.204934	4.220517	0
1752.115	64.12524	447.3748	1.0875
1521.183	43.10057	320.7593	4.35
1817.793	55.71537	906.356	4.35
1033.896	33.63947	377.7363	2.175
1101.692	32.58824	232.1284	1.0875
1066.735	32.58824	353.4683	0
1042.371	32.58824	502.2415	3.2625
1656.776	36.79317	158.2694	3.2625
1592.157	33.63947	123.4501	1.0875
2060.377	45.20304	180.4271	2.175
1374.997	22.0759	111.8437	0
814.6168	16.81973	102.3475	0
998.9384	12.6148	50.6462	0
1258.472	25.2296	88.63085	4.35
586.8631	2.102467	11.60642	2.175
1048.726	10.51233	29.54362	0
729.8712	12.6148	26.37823	3.2625
1202.328	10.51233	31.65388	1.0875
1269.065	24.17837	163.545	2.175
1619.7	35.74194	138.2219	6.525
673.7273	7.358634	20.04746	1.0875
759.5322	6.3074	21.10258	1.0875
838.9812	13.66603	36.92952	3.2625
1059.32	17.87097	37.98465	1.0875
976.6927	19.97343	70.69366	0
1533.895	18.9222	94.96163	1.0875
2066.733	45.20304	215.2464	7.6125
1719.276	57.81784	208.9156	7.6125
827.3287	8.409867	18.99233	2.175

1011.65	6.3074	83.35521	1.0875
873.9387	2.102467	63.30775	3.2625
947.0318	4.204934	73.85905	0
1377.116	18.9222	161.4348	1.0875
805.0829	6.3074	41.15004	0
423.7279	4.204934	25.3231	1.0875
1080.506	13.66603	102.3475	2.175
1084.743	4.204934	68.5834	0
1199.15	16.81973	104.4578	2.175
1007.413	7.358634	89.68598	0
1070.972	3.1537	45.37056	0
1170.306	17.17002	252.7535	1.15625
1030.39	28.97441	407.3917	1.15625
725.6113	20.3894	764.6593	1.15625
800.4501	23.60878	498.0417	1.15625
601.9645	30.04753	765.7258	0
754.8961	18.24314	535.3682	1.15625
481.5716	25.75503	469.247	2.3125
921.9277	6.438757	66.12117	0
1060.759	26.82815	271.95	2.3125
1390.484	56.87569	503.3741	2.3125
1544.5	51.51005	722.0005	3.46875
938.197	27.90128	735.8646	2.3125
579.1875	31.12066	841.4452	1.15625
1080.282	31.12066	760.3934	1.15625
1014.12	52.58318	646.2811	0
981.5818	27.90128	879.8381	9.25
1236.468	64.38757	618.5529	2.3125
1049.913	33.26691	542.8335	0
1099.805	8.585009	135.4417	2.3125
1686.585	4.292505	91.71646	2.3125
649.3213	18.49724	664.2927	3
262.5611	11.30387	333.2247	0
242.9508	11.30387	435.6725	1
404.1916	21.58011	622.2352	1
618.8163	33.9116	684.7822	1
305.0503	12.33149	355.8711	2
382.4023	21.58011	583.4129	1
147.0778	9.248619	205.9739	1
472.828	22.60773	855.169	0
630.8004	23.63536	830.3659	0
995.1623	38	804.4845	6.071429
1096.89	53.83333	1053.183	3.642857
1074.775	49.61111	839.086	1.214286
938.7697	38	693.111	2.428571
1311.403	48.55556	547.136	3.642857
904.3629	18.02	272.0144	4.428571

1068.692	49.82	1470.813	1.107143
980.4617	32.86	724.655	1.107143
488.5765	16.96	834.3209	3.321429
540.412	18.02	727.8805	0
1265.005	27.56	526.8263	5.535714
997.005	15.9	394.5822	3.321429
350.2404	5.257353	137.5917	0
1495.182	5.291471	175.7046	1.107143
1126.042	28.62	512.8493	1.107143
488.5765	7.42	260.1877	1.107143
418.2808	14.72059	424.3286	0
304.5084	8.411765	720.5184	1.2
654.7488	7.360294	28.3586	0
1121.218	2.102941	57.8917	1.107143
177.351	3.154412	223.7178	0
816.4841	22.08088	1014.608	2.4
677.0571	27.33824	849.7075	0
689.2013	21.055	1126.377	2.307143
983.7964	27.33824	525.1592	1.2
286.7868	5.3	124.7181	0
301.1622	6.308824	231.07	0
587.8359	22.26	507.4735	1.107143
639.6713	5.3	25.80374	0
1167.952	16.96	799.9159	2.214286
1282.651	22.26	493.4965	1.107143
1583.738	23.32	206.4299	2.214286
1116.745	53.47126	1335.428	1.114754
1016.127	55.61011	847.0429	2.229508
643.5103	28.87448	676.9803	0
880.1275	58.81838	1033.458	3.344262
1105.688	41.70758	622.473	1.114754
995.119	52.40183	1089.055	2.229508
630.2421	21.3885	703.1438	3.344262
1132.224	54.54068	908.0911	2.229508
815.9976	42.77701	1037.818	4.459016
820.4204	47.05471	1310.355	7.803279
1274.858	62.02666	1018.196	4.459016
1092.42	48.12413	666.0788	2.229508
1186.403	54.54068	1014.925	4.459016
995.119	39.56873	902.6404	1.114754
691.0549	35.29103	549.4333	1.114754
1169.818	57.74896	940.7954	2.229508
727.5426	51.33241	714.0452	1.114754
1156.549	54.54068	1089.055	3.344262
505.2993	22.45793	552.7037	0
811.5749	23.52735	716.2255	2.229508
1309.134	34.22161	320.5027	0

714.2743	34.22161	827.4203	3.344262
894.5015	37.42988	888.4685	1.114754
706.5345	16.04138	587.5883	2.229508
1394.272	60.95723	1101.047	2.229508
874.5991	31.01333	835.0513	3.344262
934.3062	50.26298	957.1476	4.459016
716.4857	37.42988	717.3156	4.459016
1137.753	41.70758	537.4417	1.114754
773.9815	38.49931	974.5899	2.229508
879.0218	66.30436	1315.805	1.114754
277.5276	13.90253	675.8901	0
306.2755	10.69425	751.1101	0
162.5361	10.69425	449.1399	0
808.2578	28.87448	1174.087	0
1367.736	40.63816	760.9215	1.114754
760.7132	34.22161	600.6701	4.459016
1061.46	54.54068	1267.839	1.114754
1215.151	63.09608	921.1728	3.344262
785.0384	37.42988	594.1292	1.114754
1815.539	42.77701	480.7541	1.114754
1050.403	50.26298	729.3072	0
1090.208	47.05471	466.5822	2.229508
1115.639	58.81838	954.9673	2.229508
1260.484	32.08275	428.4271	3.344262
1061.46	22.45793	458.9512	1.114754
1049.298	60.95723	1288.552	2.229508
1063.672	48.12413	1036.728	2.229508
922.1436	39.56873	1049.81	2.229508
782.827	32.08275	311.7816	3.344262
821.5261	43.84643	770.7328	2.229508
1206.305	50.26298	1038.909	6.688525
786.144	48.12413	715.1354	1.114754
765.136	33.15218	565.7854	0
1240.582	36.36046	458.9512	4.459016
466.6003	19.24965	474.2132	2.229508
548.4212	26.73563	591.9489	4.459016
1037.135	34.22161	751.1101	1.114754
709.8516	31.01333	550.5234	1.114754
877.9161	36.36046	1254.757	0
1450.662	26.73563	160.2514	5.57377
1040.452	43.84643	969.1392	1.114754
1064.777	51.33241	1150.103	3.344262
975.2167	34.22161	710.7748	0
966.3712	36.36046	727.127	2.229508
741.9165	49.19356	914.632	0
529.6245	35.29103	303.0604	0
875.7048	38.49931	857.9444	2.229508

1065.883	23.52735	357.5677	1.114754
930.9891	55.61011	808.8879	0
591.543	12.8331	366.2888	2.229508
883.4446	37.42988	984.4013	5.57377
1079.151	27.80505	385.9115	1.114754
1038.241	33.15218	426.2468	0
909.9811	55.61011	1157.734	7.803279
1124.485	25.6662	356.4775	0
887.8673	40.63816	660.6281	2.229508
936.5176	43.84643	601.7602	4.459016
1162.078	26.73563	402.2636	1.114754
978.5337	33.15218	417.5257	3.344262
1193.037	38.49931	630.104	2.229508
695.4776	34.22161	752.2003	4.459016
859.1194	54.54068	981.1308	1.114754
1069.2	41.70758	583.2278	0
1052.615	64.16551	1154.464	3.344262
1087.997	28.87448	896.0995	1.114754
855.8024	39.56873	781.6342	0
813.7862	29.9439	770.7328	2.229508
933.2005	31.01333	832.871	2.229508
525.2017	40.63816	621.3829	3.344262
1180.875	40.63816	539.6219	1.114754
640.1933	42.77701	719.4959	0
1426.337	19.24965	203.8572	2.229508
528.5188	12.8331	464.4019	0
573.852	32.08275	492.7457	1.114754
767.3474	28.87448	358.6578	0
1097.948	43.84643	509.0979	2.229508
725.3312	20.31908	309.6013	2.229508
702.1118	13.90253	367.379	0
333.9177	20.31908	524.3599	1.114754
608.0773	22.92308	505.5409	2.8
1095.402	36.46853	1049.558	1.4
860.3647	31.25874	747.0889	1.4
1285.156	58.34965	1410.812	1.4
2346.571	56	846.9481	4
2183.429	58	700.0519	5
1148.014	37.57895	801.1917	5.357143
842.0256	47.52632	627.2559	5.357143
1035.222	39.78947	491.3686	4.285714
969.3345	38.68421	641.3882	0
486.9007	12.15789	357.6555	0
760.5032	34.26316	738.14	0

LocalityCoc	LocalityNar	PrecinctNa	GE19SLLD	GE19SLLI	GE19SLLL	GE19SLLR	GE19SLLW	GE19SLUD	GE19SLUI
1	ACCOMACI	101 - CHIN	421.4247	0	0	896.9026	1	619.766	0
1	ACCOMACI	201 - ATLA	110.2364	0	0	438.509	0	225.6757	0
1	ACCOMACI	202 - GREE	196.3586	0	0	518.0476	0	252.622	0
1	ACCOMACI	301 - NEW	393.8655	0	0	454.2074	0	492.8936	0
1	ACCOMACI	401 - BLOX	91.86368	0	0	277.3386	0	166.1692	0
1	ACCOMACI	402 - PARK	151.5751	0	0	467.8127	0	326.7245	0
1	ACCOMACI	403 - SAXIS	22.96592	0	0	133.9598	0	51.64717	0
1	ACCOMACI	501 - MAPI	239.9939	0	0	236.5228	0	299.7781	0
1	ACCOMACI	502 - RUE	272.1462	0	0	145.472	1	314.3741	0
1	ACCOMACI	601 - ACCC	370.8996	0	0	543.1651	0	514.2262	0
1	ACCOMACI	602 - TANG	8.038072	0	0	170.5894	0	44.91058	0
1	ACCOMACI	701 - NANI	615.4867	0	0	1000.512	0	924.0352	0
1	ACCOMACI	801 - BOBT	167.6512	0	0	358.9704	0	245.8854	0
1	ACCOMACI	802 - MELF	334.1542	0	0	370.4825	0	423.2822	0
1	ACCOMACI	803 - WACI	124.016	0	0	305.5958	0	204.3431	0
1	ACCOMACI	901 - PAIN	792.3243	0	0	604.9122	1	920.6669	0
3	ALBEMARL	101 - WOO	1166.987	0	0	0	89.17899	1128.954	191.3176
3	ALBEMARL	103 - BRAN	448.2679	0	0	0	20.7393	430.41	0
3	ALBEMARL	104 - AGNC	900.7949	0	0	0	49.77432	841.403	0
3	ALBEMARL	105 - DUNL	1505.584	0	0	0	72.58755	1420.677	0
3	ALBEMARL	106 - NORI	908.8569	0	0	886.6953	0	1164.341	591.8232
3	ALBEMARL	201 - JACK	1139.465	26.99363	0	675.3099	3	1328.413	432.0415
3	ALBEMARL	202 - UNIV	1041.344	0	0	0	21.77626	956.1545	162.9353
3	ALBEMARL	203 - GEOR	1094.583	0	0	0	51.84825	1035.573	0
3	ALBEMARL	301 - IVY	1460.686	32.18471	0	741.9942	1	1636.516	568.6969
3	ALBEMARL	302 - RED F	1082.635	0	0	547.4574	2	1117.123	487.7548
3	ALBEMARL	304 - EAST	362.4584	9.343949	0	194.7602	1	427.1038	132.4507
3	ALBEMARL	305 - COUN	1117.771	0	0	402.0228	1	1134.293	355.3042
3	ALBEMARL	306 - PORT	499.5933	0	0	281.5198	1	536.5626	230.2119
3	ALBEMARL	307 - YELL	215.9558	3.11465	0	158.7719	0	242.5263	128.2459
3	ALBEMARL	401 - SCOT	332.8513	0	0	523.0035	3.333333	502.2226	314.3075
3	ALBEMARL	402 - MON	335.0126	0	0	449.6363	0	470.0288	282.7717
3	ALBEMARL	405 - MOU	1335.221	0	0	0	53.92218	1261.995	331.1267
3	ALBEMARL	406 - STON	724.0596	0	0	1012.468	1.111111	993.7139	705.3524
3	ALBEMARL	407 - BISCL	595.2061	0	0	0	23.85019	560.1713	134.5531
3	ALBEMARL	501 - KESW	413.9027	0	0	401.4235	2.222222	457.378	0
3	ALBEMARL	502 - STON	449.5653	0	0	495.7528	0	540.9628	203.932
3	ALBEMARL	503 - HOLL	679.7514	0	0	615.2366	1.111111	886.4014	380.5329
3	ALBEMARL	504 - FREE	926.3494	0	0	0	69.47665	853.2689	0
3	ALBEMARL	506 - BAKE	811.5951	0	0	928.6194	1.111111	1078.491	616.0007
3	ALBEMARL	507 - PANT	871.6992	0	0	81.75205	79.8463	843.5604	0
3	ALBEMARL	601 - CROZ	1134.039	38.41401	0	708.1228	2	1298.481	550.8266
3	ALBEMARL	602 - FREE	395.531	0	0	473.7426	0	526.9045	320.6147
3	ALBEMARL	603 - EARL	814.8372	0	0	1038.67	1.111111	1111.758	688.5332
3	ALBEMARL	604 - BROV	922.4241	19.72611	0	511.2456	0	1020.542	412.0687
3	ALBEMARL	606 - MECF	1094.972	33.22293	0	629.7953	1	1219.07	525.5979

5 ALLEGHAN' 101 - ARRI	0	0	0	445.3558	4.049383	215.5921	263.8125
5 ALLEGHAN' 103 - DAMI	0	0	0	140.1469	2.024691	57.28292	98.92968
5 ALLEGHAN' 201 - HUM	0	0	0	244.9976	3.037037	118.7319	156.6387
5 ALLEGHAN' 202 - DOLL	0	0	0	328.0477	3.037037	159.3507	207.134
5 ALLEGHAN' 301 - CALL	0	0	0	227.3495	0	99.98473	147.364
5 ALLEGHAN' 302 - GRIFF	0	0	0	397.6021	6.074074	216.6336	253.5073
5 ALLEGHAN' 401 - LOW	0	0	0	303.1326	2.024691	163.5167	175.188
5 ALLEGHAN' 402 - JACKS	0	0	0	391.3733	5.061728	209.343	233.9275
5 ALLEGHAN' 501 - IRON	0	0	0	164.0238	4.049383	99.98473	81.41088
5 ALLEGHAN' 502 - PETEI	0	0	0	467.1565	5.061728	231.2147	296.789
5 ALLEGHAN' 601 - DISTF	0	0	0	475.4615	22.2716	356.1956	240.1106
5 ALLEGHAN' 701 - DISTF	0	0	0	336.3527	25.30864	255.1694	175.188
7 AMELIA CC 101 - NUM	224.2686	0	0	662.6333	1.2	246.7173	0
7 AMELIA CC 201 - NUM	316.1119	0	0	775.2167	0	359.8409	0
7 AMELIA CC 301 - NUM	208.2494	0	0	844.9111	1.2	234.8662	0
7 AMELIA CC 401 - NUM	230.6763	0	0	784.8667	3.6	260.7231	0
7 AMELIA CC 501 - NUM	356.6938	0	0	792.3722	0	387.8525	0
9 AMHERST (101 - WRIG	310.5194	0	0	308.6559	3	286.2177	0
9 AMHERST (102 - NEW	283.7742	6.692308	0	572.1048	1	267.2069	0
9 AMHERST (103 - COOL	94.93918	1.115385	0	310.9265	0	92.94154	0
9 AMHERST (201 - COUF	522.6871	11.15385	0	952.4716	0	499.5608	0
9 AMHERST (202 - TEMF	121.0214	4.461538	0	413.5323	0	117.2331	0
9 AMHERST (301 - MON	145.017	8.923077	0	428.0422	0	145.7492	0
9 AMHERST (302 - ELON	308.6602	8.923077	0	1159.595	2	291.4985	0
9 AMHERST (303 - PLEA'	93.89589	5.576923	0	271.5425	0	90.82923	0
9 AMHERST (401 - AMEI	440.6944	6.692308	0	1030.27	2	420.3492	0
9 AMHERST (402 - LONC	76.16	4.461538	0	269.4696	0	73.93077	0
9 AMHERST (501 - MAD	483.6312	0	0	1003.39	2	460.4831	0
11 APPOMAT' 101 - VERA	76.19078	0	0	333.6429	0	67.81572	0
11 APPOMAT' 102 - PAMI	198.9426	0	0	581.8155	0	196.0298	0
11 APPOMAT' 201 - CHAP	98.4131	0	0	163.7321	0	94.30623	0
11 APPOMAT' 202 - SPOU	175.6621	0	0	801.1548	1	145.168	0
11 APPOMAT' 301 - US 4	103.7041	0	0	479.869	1	90.06775	0
11 APPOMAT' 302 - STON	137.5667	0	0	466.4821	0	117.6179	0
11 APPOMAT' 401 - COUF	227.5141	0	0	744.5179	1	203.4472	0
11 APPOMAT' 501 - OAKV	204.2336	0	0	540.625	0	176.9566	0
11 APPOMAT' 502 - AGEE	86.77284	0	0	213.1607	1	81.59079	0
13 ARLINGTO' 001 - ARLIN	753.9605	132.4928	0	0	3.505263	820.5303	0
13 ARLINGTO' 002 - ASHT	1134.158	0	0	0	57.90609	1127.986	0
13 ARLINGTO' 003 - AURC	678.731	0	0	0	50.56684	673.5856	0
13 ARLINGTO' 004 - BALLS	996.5823	0	0	0	34.31472	991.0567	0
13 ARLINGTO' 005 - BARC	995.4638	0	0	0	42.8934	986.5672	0
13 ARLINGTO' 006 - CRYST	658.4877	0	0	0	33.25455	630.6821	0
13 ARLINGTO' 007 - CHER	1109.151	0	0	0	47.2	1093.193	0
13 ARLINGTO' 008 - HUM	951.2486	250.1464	0	0	11.68421	1098.805	0
13 ARLINGTO' 009 - COLU	1192.26	202.449	0	0	16.35789	1272.09	0
13 ARLINGTO' 010 - WILSI	1114.798	0	0	0	60.07273	1116.763	0

13 ARLINGTOI011 - EAST	834.4	0	0	0	28.95305	793.4568	0
13 ARLINGTOI012 - FAIRL	1063.02	0	0	0	48.45989	1052.209	0
13 ARLINGTOI013 - GLEN	738.2091	0	0	0	31.09772	740.7671	0
13 ARLINGTOI014 - CLAR	720.3131	0	0	0	21.4467	714.9525	0
13 ARLINGTOI015 - LYON	591.6858	0	0	0	26.80838	589.2466	0
13 ARLINGTOI016 - LYON	986.0374	0	0	0	45.05455	976.4658	0
13 ARLINGTOI017 - OVER	1314.236	0	0	0	40.74873	1235.004	0
13 ARLINGTOI018 - PARK	1254.955	0	0	0	73.99112	1253.692	0
13 ARLINGTOI019 - ROSS	941.9876	0	0	0	45.05455	939.4274	0
13 ARLINGTOI020 - THRIF	1035.735	0	0	0	69.72727	1048.298	0
13 ARLINGTOI021 - VIRGI	470.2922	119.7735	0	0	8.178947	509.4796	0
13 ARLINGTOI022 - ABIN	1058.69	0	0	0	51.62032	1054.355	0
13 ARLINGTOI023 - WEST	1185.609	0	0	0	39.6764	1117.701	0
13 ARLINGTOI024 - WOO	1402.816	0	0	0	48.27273	1341.241	0
13 ARLINGTOI025 - ARLIN	1008.886	0	0	0	39.6764	1011.259	0
13 ARLINGTOI026 - FILLM	1092.016	203.5089	0	0	11.68421	1241.346	0
13 ARLINGTOI027 - JEFFE	1062.145	111.2939	0	0	21.33523	1133.598	0
13 ARLINGTOI028 - WAKI	1066.422	170.6507	0	0	3.505263	1149.815	0
13 ARLINGTOI029 - DOM	1268.377	0	0	0	42.8934	1176.352	0
13 ARLINGTOI030 - GLEB	849.9385	154.7516	0	0	4.673684	915.9907	0
13 ARLINGTOI031 - LEXIN	1221.401	0	0	0	34.31472	1155.326	0
13 ARLINGTOI032 - OAKR	364.8044	0	0	0	21.06952	364.6801	0
13 ARLINGTOI033 - ROCK	1208.545	0	0	0	52.56364	1121.021	0
13 ARLINGTOI034 - YORK	998.4617	0	0	0	51.49091	943.9591	0
13 ARLINGTOI035 - MADI	1104.633	0	0	0	72.94545	1081.969	0
13 ARLINGTOI036 - MAR	1154.33	0	0	0	57.92727	1142.577	0
13 ARLINGTOI037 - NOTT	1035.73	0	0	0	45.03807	976.0515	0
13 ARLINGTOI038 - ARLIN	787.0196	107.0542	0	0	5.842105	866.4731	0
13 ARLINGTOI039 - ASHL	662.1512	0	0	0	24.66371	631.8882	0
13 ARLINGTOI040 - VIRGI	1077.114	0	0	0	75.06345	1087.581	0
13 ARLINGTOI041 - NAVY	874.666	0	0	0	55.76142	884.4311	0
13 ARLINGTOI042 - SHIRL	757.7539	0	0	0	25.28342	752.9572	0
13 ARLINGTOI043 - CAMI	585.4658	49.81729	0	0	12.85263	644.2429	0
13 ARLINGTOI044 - DAW	726.2566	0	0	0	24.67273	722.8092	0
13 ARLINGTOI045 - BUCK	751.6311	0	0	0	17.15736	744.1343	0
13 ARLINGTOI046 - CENT	932.8279	0	0	0	42.8934	947.2841	0
13 ARLINGTOI047 - FOUR	704.9051	89.03516	0	0	3.505263	745.4491	0
13 ARLINGTOI048 - AUSA	600.6338	0	0	0	21.4467	597.1032	0
13 ARLINGTOI049 - MON	599.5153	0	0	0	18.2297	591.4913	0
13 ARLINGTOI050 - CRYST	695.7606	0	0	0	40.76364	665.0049	0
13 ARLINGTOI051 - TAYL	315.4166	0	0	0	5.361675	314.2649	0
13 ARLINGTOI052 - GUN	486.2885	85.85533	0	0	5.842105	530.9314	0
13 ARLINGTOI053 - MET	763.5583	162.1712	0	0	11.68421	816.2399	0
13 ARLINGTOI054 - GARF	448.518	0	0	0	15.01269	442.2155	0
15 AUGUSTA (101 - JOLIV	221.6751	0	0	479.299	2.210526	196.3907	0
15 AUGUSTA (102 - STUA	216.4715	0	0	502.9554	1.105263	183.8551	0
15 AUGUSTA (103 - VERO	346.649	36.96121	0	915.8673	3.051724	263.2471	0

15 AUGUSTA (201 - CRIM	275.6486	22.17672	0	880.5617	12.2069	238.1759	0
15 AUGUSTA (202 - NEW	167.0597	17.95259	0	713.3796	22.37931	147.293	0
15 AUGUSTA (203 - WEYE	279.8251	25.34483	0	935.5968	9.155172	263.2471	0
15 AUGUSTA (301 - FORT	506.3998	57.02586	0	1477.641	4.068966	394.8706	0
15 AUGUSTA (302 - NORI	96.78773	0	0	409.3584	0	72.07956	0
15 AUGUSTA (303 - MOU	124.8874	0	0	561.5821	1.105263	78.34735	0
15 AUGUSTA (304 - CHUF	168.598	0	0	502.9554	2.210526	120.1326	0
15 AUGUSTA (401 - BUFF	175.8831	0	0	555.4109	3.315789	136.8467	0
15 AUGUSTA (402 - CHUF	169.6387	0	0	598.6095	2.210526	115.9541	0
15 AUGUSTA (403 - CRAI	67.21932	8	0	398.8215	0	74.16882	0
15 AUGUSTA (404 - DEER	61.40297	0	0	208.7933	0	42.82988	0
15 AUGUSTA (405 - CEDA	297.6483	0	0	638.7225	2.210526	226.685	0
15 AUGUSTA (501 - GREE	226.8652	20	0	931.2687	1	173.4088	0
15 AUGUSTA (502 - MIDC	135.4889	7	0	487.22	0	110.7309	0
15 AUGUSTA (503 - SPOT	107.1308	7	0	486.1921	0	87.74903	0
15 AUGUSTA (504 - WHIT	241.5092	8	0	969.5262	1.105263	206.837	0
15 AUGUSTA (601 - SHER	184.2089	0	0	566.7248	3.315789	152.5162	0
15 AUGUSTA (602 - RIDG	386.5111	23	0	1396.903	2	333.2374	0
15 AUGUSTA (603 - LYND	334.0738	0	0	888.6574	2.210526	290.4075	0
15 AUGUSTA (801 - DOOI	206.7364	16.89655	0	674.9589	0	170.2749	0
15 AUGUSTA (802 - FISHE	464.6349	31.68103	0	1166.121	4.068966	395.9153	0
15 AUGUSTA (803 - WILSI	427.0465	36.96121	0	807.8738	4.068966	369.7995	0
17 BATH COUI101 - WARI	111.8182	5	0	149.8457	0	127.7876	137.28
17 BATH COUI102 - MOU	11.71429	1	0	46.10638	0	26.62242	32.24
17 BATH COUI201 - HOT	85.19481	2	0	130.984	0	123.528	96.72
17 BATH COUI301 - FAIR	45.79221	5	0	191.7606	0	91.58112	150.8
17 BATH COUI302 - BURN	23.42857	1	0	35.62766	0	29.81711	32.24
17 BATH COUI401 - MILL	101.1688	1	0	210.6223	0	160.7994	154.96
17 BATH COUI501 - HEAL	112.8831	6	0	220.0532	0	161.8643	175.76
19 BEDFORD (101 - GOOI	0	0	0	722.6639	22.98214	0	0
19 BEDFORD (102 - HARC	0	0	0	303.3532	12.53571	0	0
19 BEDFORD (103 - CHAN	148.5012	0	0	501.614	0	0	0
19 BEDFORD (104 - STEW	0	0	0	459.6888	21.9375	0	0
19 BEDFORD (201 - BEDF	0	0	0	367.544	14.625	0	0
19 BEDFORD (202 - STAU	124.4482	0	0	431.5734	2	0	0
19 BEDFORD (203 - MON	289.6819	0	0	781.7762	1	0	0
19 BEDFORD (204 - Quak	74.2506	0	0	309.0025	0	0	0
19 BEDFORD (205 - SAUN	189.2867	0	0	675.6854	0	196.3056	0
19 BEDFORD (301 - NEW	217.5229	0	0	881.687	0	0	0
19 BEDFORD (302 - BEDF	0	0	0	691.6039	18.80357	0	0
19 BEDFORD (303 - BETH	118.1735	0	0	401.7032	0	114.6	0
19 BEDFORD (304 - RIVE	106.6699	0	0	349.1728	0	0	0
19 BEDFORD (305 - HUDI	69.02169	0	0	328.5726	0	71.09444	0
19 BEDFORD (306 - FORE	103.5325	0	0	550.0244	0	0	0
19 BEDFORD (401 - FORE	274.1362	0	0	889.0276	2	0	0
19 BEDFORD (402 - THON	178.8289	0	0	474.8338	2	0	0
19 BEDFORD (403 - KNIG	357.6578	0	0	985.7179	1	0	0

19 BEDFORD (404 - FORE	192.4241	0	0	845.6367	0	0	0
19 BEDFORD (502 - BIG IS	65.91826	0	0	218.9011	0	0	0
19 BEDFORD (503 - SEDA	100.4469	0	0	307.7006	0	0	0
19 BEDFORD (504 - SUCK	130.7902	0	0	538.9923	1	0	0
19 BEDFORD (505 - BOON	336.9155	0	0	782.6747	1	0	0
19 BEDFORD (506 - BOON	327.4986	0	0	1080.05	0	0	0
19 BEDFORD (601 - MON	0	0	0	551.8336	16.71429	0	0
19 BEDFORD (602 - SHAD	0	0	0	566.3283	22.98214	0	0
19 BEDFORD (603 - THAX	41.85286	0	0	177.599	1	0	0
19 BEDFORD (604 - BEDF	1.046322	0	0	920.4046	21.89286	0	0
19 BEDFORD (701 - GOOI	0	0	0	1021.876	25.07143	0	0
19 BEDFORD (702 - LIBER	155.9019	0	0	559.6434	1	0	0
19 BEDFORD (703 - THAX	100.4469	0	0	419.2163	1	0	0
19 BEDFORD (704 - BEDF	1.046322	0	0	934.8993	58.45536	0	0
21 BLAND COI 101 - BAST	0	0	0	180.5413	3.111111	0	62.61745
21 BLAND COI 102 - CERE'	0	0	0	219.1542	2.074074	0	76.18456
21 BLAND COI 201 - DAVI'	0	0	0	63.65908	0	0	22.95973
21 BLAND COI 202 - SEDD	0	0	0	412.2186	10.37037	0	163.849
21 BLAND COI 301 - HOLL	0	0	0	243.1568	2.074074	0	91.83893
21 BLAND COI 302 - MECH	0	0	0	123.1438	1.037037	0	60.5302
21 BLAND COI 401 - ROCK	0	0	0	362.1262	9.333333	0	144.0201
23 BOTETOUR 101 - DALE'	0	0	0	869.0359	36.11556	0	0
23 BOTETOUR 102 - GREE	0	0	0	1009.371	28.68	0	0
23 BOTETOUR 201 - BLUE	0	0	0	864.8778	28.68	0	0
23 BOTETOUR 202 - RAINI	0	0	0	901.2609	28.68	0	0
23 BOTETOUR 301 - BUCH	0	0	0	850.3246	29.74222	0	0
23 BOTETOUR 302 - MILL	0	0	0	833.6923	24.43111	0	0
23 BOTETOUR 403 - EAGL	0	0	0	598.7615	9.56	0	0
23 BOTETOUR 406 - FINC'	0	0	0	1221.432	35.05333	0	0
23 BOTETOUR 501 - TROU	0	0	0	572.3298	15.70634	0	0
23 BOTETOUR 502 - CLOV	0	0	0	1040.915	44.35144	0	0
25 BRUNSWIC 101 - BROE	152.1898	0	0	111.9751	0	133.4486	0
25 BRUNSWIC 102 - ROCK	188.1235	0	0	228.257	0	154.2999	0
25 BRUNSWIC 103 - TILLM	177.5548	0	0	289.628	0	166.4216	0
25 BRUNSWIC 201 - DROM	85.60677	0	0	72.13782	0	118.9106	0
25 BRUNSWIC 202 - EDGE	347.7114	0	0	129.2021	0	403.2151	0
25 BRUNSWIC 203 - FITZH	256.8203	0	0	133.5088	0	334.0307	0
25 BRUNSWIC 301 - ALBEI	60.2418	0	0	66.7544	0	53.17092	0
25 BRUNSWIC 302 - DANI	236.7397	0	0	226.1036	1.285714	212.6837	0
25 BRUNSWIC 303 - ELMC	114.1424	0	0	99.05492	1.285714	105.2993	0
25 BRUNSWIC 304 - SEYM	112.0286	0	0	99.05492	0	106.3418	0
25 BRUNSWIC 401 - STUR	498.8444	0	0	313.315	1.285714	462.8998	0
25 BRUNSWIC 402 - KING'	203.9766	0	0	83.98135	1.285714	186.6195	0
25 BRUNSWIC 501 - TOTA	595.0199	0	0	225.0269	3.857143	702.6584	0
27 BUCHANAN 102 - BLAC	0	0	0	318.3099	2.330097	0	100.3873
27 BUCHANAN 103 - HURL	0	0	0	628.5173	11.65049	0	246.8346
27 BUCHANAN 201 - GRAS	0	0	0	62.50448	2.330097	0	35.4308

27	BUCHANAN	202 - BULL	0	0	0	332.1997	4.660194	0	159.4386
27	BUCHANAN	203 - ROCK	0	0	0	376.1844	4.660194	0	155.8955
27	BUCHANAN	301 - SLAT	0	0	0	429.4289	13.98058	0	206.6797
27	BUCHANAN	302 - NORT	0	0	0	379.6569	13.98058	0	166.5247
27	BUCHANAN	403 - SOUT	0	0	0	562.5403	13.98058	0	236.2053
27	BUCHANAN	404 - OAKV	0	0	0	56.71703	2.330097	0	24.80156
27	BUCHANAN	501 - PRAT	0	0	0	341.4597	9.320388	0	190.1453
27	BUCHANAN	502 - FOX	0	0	0	81.02433	2.330097	0	62.59441
27	BUCHANAN	503 - VANS	0	0	0	381.9718	5.825243	0	153.5335
27	BUCHANAN	601 - COUN	0	0	0	231.4981	6.990291	0	112.1975
27	BUCHANAN	602 - GARC	0	0	0	298.6325	4.660194	0	139.3611
27	BUCHANAN	603 - HURF	0	0	0	175.9385	5.825243	0	121.6457
27	BUCHANAN	701 - WHIT	0	0	0	431.7439	11.65049	0	273.9982
27	BUCHANAN	702 - CONT	0	0	0	335.6722	3.495146	0	191.3263
29	BUCKINGH.	101 - NEW	247.4815	0	0	365.1468	0	225.4323	0
29	BUCKINGH.	102 - GEOI	60.31062	0	0	104.4784	0	60.53275	0
29	BUCKINGH.	201 - WHIT	161.1749	0	0	224.7869	0	147.1572	0
29	BUCKINGH.	301 - CURC	183.0115	0	0	306.0479	2	177.4236	0
29	BUCKINGH.	302 - NEW	89.4261	0	0	256.447	0	86.62445	0
29	BUCKINGH.	401 - MAYC	308.832	0	0	496.0086	0	275.5284	0
29	BUCKINGH.	501 - WRIG	64.46998	0	0	210.0122	0	63.66376	0
29	BUCKINGH.	502 - GLEN	229.8043	0	0	202.6248	0	214.9956	0
29	BUCKINGH.	601 - SLAT	293.2344	0	0	262.779	0	275.5284	0
29	BUCKINGH.	701 - GOLD	163.2546	0	0	260.6684	0	146.1135	0
31	CAMPBELL	101 - BROC	282.7382	0	0	1002.888	1.1	0	0
31	CAMPBELL	102 - NEW	253.5116	0	0	911.8512	3.3	0	0
31	CAMPBELL	201 - WAL	236.8324	0	0	658.3378	1.1	0	0
31	CAMPBELL	202 - BEDF	305.4015	0	0	1027.203	3	0	0
31	CAMPBELL	301 - EVIN	143.841	0	0	343.0879	2	0	0
31	CAMPBELL	302 - OTTE	117.7828	0	0	352.3605	0	0	0
31	CAMPBELL	303 - ALTA	465.9196	0	0	789.2052	2	0	0
31	CAMPBELL	401 - THRE	209.5075	0	0	759.3267	1	181.2285	0
31	CAMPBELL	402 - COUF	382.5336	0	0	1185.868	5	0	0
31	CAMPBELL	501 - SPRIN	253.4671	0	0	938.2918	5.4	0	0
31	CAMPBELL	502 - YELL	268.9201	0	0	588.2979	1	0	0
31	CAMPBELL	601 - KING	235.7149	0	0	610.5651	1.1	0	0
31	CAMPBELL	602 - CONC	327.2903	0	0	1046.779	3	12.57077	0
31	CAMPBELL	701 - BROC	248.4541	0	0	562.4	0	257.7007	0
31	CAMPBELL	702 - GLAD	348.3457	0	0	724.5253	2	335.2204	0
31	CAMPBELL	703 - MORI	122.7397	0	0	355.012	0	116.2796	0
33	CAROLINE	101 - BOW	284.4063	0	0	636.3168	0	278.9798	0
33	CAROLINE	102 - SPAR	239.494	0	0	446.1998	0	229.871	0
33	CAROLINE	201 - NORT	346.8981	0	0	314.7605	0	350.0309	0
33	CAROLINE	202 - SOUT	361.5705	0	0	447.7287	0	363.6142	0
33	CAROLINE	301 - PORT	125.4723	0	0	235.3042	0	121.2047	0
33	CAROLINE	302 - WOO	287.1873	0	0	559.4636	0	340.6271	0
33	CAROLINE	401 - DAW	687.5079	0	0	439.4182	2	699.0169	0

33	CAROLINE	402 - CARN	228.4706	0	0	165.1714	1	229.871	0
33	CAROLINE	501 - WEST	462.1814	0	0	288.7902	1	454.5177	0
33	CAROLINE	502 - MILF	243.1066	0	0	383.579	1	239.2749	0
33	CAROLINE	601 - CHILE	345.85	0	0	382.2834	0	346.8963	0
33	CAROLINE	602 - LAKE	236.8549	0	0	293.9843	0	235.0954	0
35	CARROLL C	101 - MT B	62.37254	0	0	232.5034	0	0	65.9717
35	CARROLL C	102 - ST PA	68.71551	0	0	371.5902	1	0	61.78302
35	CARROLL C	103 - LAME	29.60053	0	0	195.1368	2	0	29.32075
35	CARROLL C	105 - FANC	91.97306	0	0	348.755	1	0	82.72642
35	CARROLL C	201 - HILLS	241.0329	0	0	795.0785	0	0	210.4811
35	CARROLL C	202 - LAUR	93.03022	0	0	297.8949	0	0	78.53774
35	CARROLL C	203 - GLAD	113.1163	0	0	441.1336	0	0	113.0943
35	CARROLL C	301 - HILLS	212.4895	0	0	997.4809	4	207.4387	0
35	CARROLL C	302 - SYLV	71.88699	0	0	335.2615	0	70.57194	0
35	CARROLL C	303 - DUGS	43.34363	0	0	212.7821	0	40.63233	0
35	CARROLL C	401 - OAKL	130.0309	0	0	609.2834	0	0	114.1415
35	CARROLL C	402 - WOO	143.774	0	0	612.3973	0	0	131.9434
35	CARROLL C	406 - WOO	26.42904	0	0	102.7582	0	23.52398	0
35	CARROLL C	501 - VAUC	42.28647	0	0	194.0988	0	39.56306	0
35	CARROLL C	502 - GLAD	102.5447	0	0	566.7269	0	90.8881	0
35	CARROLL C	503 - WOO	72.94415	0	0	314.5023	0	65.22558	0
35	CARROLL C	504 - LAUR	63.4297	0	0	317.6162	0	64.15631	0
36	CHARLES C	101 - PREC	735.1895	0	0	0	69.66851	603.0616	0
36	CHARLES C	201 - PREC	795.7216	0	0	0	55.73481	695.4123	0
36	CHARLES C	301 - PREC	734.0889	0	0	0	68.59669	617.5261	0
37	CHARLOTTI	101 - COUN	217.9877	0	0	417.3295	0	223.661	0
37	CHARLOTTI	201 - RED C	208.3232	0	0	391.5684	1	206.3732	0
37	CHARLOTTI	302 - DRAK	168.5915	0	0	328.7114	0	173.9585	0
37	CHARLOTTI	401 - KEYS	167.5176	0	0	411.1468	0	169.6366	0
37	CHARLOTTI	501 - CULLI	170.7391	0	0	358.5942	0	171.7976	0
37	CHARLOTTI	602 - PHEN	163.2223	0	0	445.1514	1	166.3951	0
37	CHARLOTTI	702 - BACC	212.6185	0	0	321.4983	0	217.178	0
41	CHESTERFI	101 - BELL	624.0963	0	0	0	79.20918	490.3532	335.5009
41	CHESTERFI	102 - SOUT	664.8021	0	0	919.8142	4.108108	720.8069	0
41	CHESTERFI	103 - ENON	760.9817	0	0	1341.708	1.027027	857.0703	1016.058
41	CHESTERFI	104 - NORT	640.493	0	0	1244.265	4.108108	714.4281	0
41	CHESTERFI	105 - DREV	624.0963	0	0	0	87.65816	538.5503	325.9454
41	CHESTERFI	106 - HARR	1254.563	0	0	1090.071	4.108108	1210.166	956.6021
41	CHESTERFI	107 - WELL	788.4616	0	0	778.469	1.027027	816.4892	0
41	CHESTERFI	108 - ECOF	884.6413	0	0	1662.947	2.054054	962.139	0
41	CHESTERFI	109 - ELIZA	1109.765	0	0	1388.823	3.081081	1129.489	1116.921
41	CHESTERFI	110 - DUTC	553.8256	0	0	659.6106	2.054054	506.0696	622.163
41	CHESTERFI	111 - IRON	505.1955	24.58621	0	889.2689	2	564.5258	0
41	CHESTERFI	112 - CARV	736.6726	0	0	738.8496	1.027027	710.3834	629.595
41	CHESTERFI	113 - IRON	742.9345	23.51724	0	727.1854	2	790.974	0
41	CHESTERFI	201 - GATE	527.4835	21.37931	0	789.6095	2	562.3995	0
41	CHESTERFI	202 - BEUL	1349.765	0	0	0	110.8929	1204.534	0

41 CHESTERFI	203 - BIRD	196.347	5.344828	0	306.6445	0	207.3117	0
41 CHESTERFI	204 - JACO	625.735	0	0	479.6163	1.027027	628.314	0
41 CHESTERFI	205 - FALLI	1278.56	0	0	0	87.65816	1182.208	0
41 CHESTERFI	206 - BELM	807.6759	11.75862	0	152.2271	1	799.9135	0
41 CHESTERFI	207 - CHIPF	412.8593	8.551724	0	170.8448	0	406.3221	0
41 CHESTERFI	208 - MEAI	1188.506	0	0	0	45.41327	1061.011	0
41 CHESTERFI	209 - SALEI	850.3812	6.413793	0	1007.429	15.40541	920.6767	0
41 CHESTERFI	210 - FIVE I	1501.789	52.37931	0	846.5577	0	1547.928	0
41 CHESTERFI	211 - NASH	807.6759	22.44828	0	1918.718	1	964.2653	0
41 CHESTERFI	212 - ST. LL	464.289	0	0	555.1795	1.027027	483.7273	0
41 CHESTERFI	213 - SOUT	736.5665	19.24138	0	192.7479	1	736.754	0
41 CHESTERFI	214 - HOPK	154.9769	0	0	0	3.168367	138.3047	27.6045
41 CHESTERFI	215 - North	475.4781	8.551724	0	201.5092	0	484.7905	0
41 CHESTERFI	216 - RIDGI	1288.461	26.72414	0	307.7396	2	1299.153	0
41 CHESTERFI	301 - ETTRI	1306.503	12.82759	0	361.4024	4	1245.79	362.0436
41 CHESTERFI	302 - DEER	289.1254	0	0	441.8347	0	293.4258	0
41 CHESTERFI	303 - MATC	1048.599	13.89655	0	1192.628	1	1136.823	835.567
41 CHESTERFI	304 - WINF	372.364	916.6097	0	0	7.7	388.045	0
41 CHESTERFI	305 - BEAC	142.2189	17.10345	0	608.9083	0	171.1651	0
41 CHESTERFI	306 - WINT	491.8619	1550.536	0	0	15.4	514.5583	0
41 CHESTERFI	307 - COSB	1168.305	1327.976	0	0	14.3	1200.282	0
41 CHESTERFI	308 - SOUT	302.8431	0	0	255.0257	1.027027	317.878	0
41 CHESTERFI	309 - SKINC	531.8414	0	0	945.9693	1	545.3893	0
41 CHESTERFI	310 - TOMI	809.5096	0	0	1104.162	1	805.2179	0
41 CHESTERFI	313 - WOO	1078.634	0	0	1543.703	0	1035.432	0
41 CHESTERFI	314 - LONG	184.6723	9.62069	0	754.5644	0	215.8168	0
41 CHESTERFI	315 - BAILE	614.1277	0	0	1440.948	4.108108	636.8191	0
41 CHESTERFI	316 - SPRIN	728.0896	0	0	1010.658	2.054054	780.3426	0
41 CHESTERFI	317 - BIRKE	1022.134	1410.25	0	0	5.5	1074.832	0
41 CHESTERFI	318 - WEST	260.3347	358.6275	0	0	12.1	274.2894	0
41 CHESTERFI	319 - MAG	830.8687	0	0	1340.919	0	870.7092	0
41 CHESTERFI	401 - HARB	556.0916	0	0	686.3656	1.027027	577.2834	0
41 CHESTERFI	402 - GENI	460.0682	0	0	388.3108	1.027027	464.5909	0
41 CHESTERFI	403 - BRAN	934.4603	0	0	1099.915	3	918.7335	0
41 CHESTERFI	404 - PROV	878.9835	0	0	719.9492	2.054054	913.2347	0
41 CHESTERFI	405 - LA PR	922.2468	0	0	1008.559	1.027027	977.0229	0
41 CHESTERFI	406 - SMOI	719.9341	0	0	923.3266	0	775.0269	0
41 CHESTERFI	407 - MON	452.6818	0	0	654.8809	1.027027	467.7803	0
41 CHESTERFI	408 - REAN	1442.462	0	0	801.8093	4.108108	1403.562	0
41 CHESTERFI	409 - MANI	557.1468	0	0	435.5378	1.027027	569.8414	0
41 CHESTERFI	410 - WAGI	538.1532	0	0	539.4372	1.027027	545.3893	0
41 CHESTERFI	411 - SWIF	854.3637	0	0	997.9923	1	835.9838	0
41 CHESTERFI	412 - CLOV	937.0196	0	0	935.0944	2.054054	949.3814	0
41 CHESTERFI	413 - SHEN	820.5131	0	0	698.5625	3	836.6888	0
41 CHESTERFI	414 - CREN	1054.147	0	0	1220.555	3.081081	1098.221	0
41 CHESTERFI	415 - EVER	887.4251	0	0	946.6388	3.081081	837.0447	0
41 CHESTERFI	416 - EVER	483.7834	0	0	449.0965	1	480.5846	0

41	CHESTERFII	417 - EDGE	448.5409	0	0	496.8728	0	477.3485	0
41	CHESTERFII	501 - HUGL	747.0832	0	0	595.0601	0	724.59	0
41	CHESTERFII	502 - CRES	520.2147	0	0	470.1709	3.081081	506.046	0
41	CHESTERFII	503 - MIDL	799.898	0	0	1120.087	2	789.3045	0
41	CHESTERFII	504 - ROBI	1274.707	0	0	1641.938	3	1224.271	0
41	CHESTERFII	505 - BON	1114.839	0	0	934.9341	4	1096.964	0
41	CHESTERFII	506 - GREE	1015.319	0	0	798.8094	2	981.3262	0
41	CHESTERFII	507 - SALIS	990.9681	0	0	1619.779	1	964.3519	0
41	CHESTERFII	508 - BELG	862.8622	0	0	857.9023	3	829.6185	0
41	CHESTERFII	509 - CRAN	722.0515	0	0	452.6938	1	708.6766	0
41	CHESTERFII	510 - SYCA	897.8002	0	0	1158.643	1	936.6237	0
41	CHESTERFII	511 - BLAC	577.006	0	0	829.4111	3	548.4818	0
41	CHESTERFII	513 - BEAU	492.7795	0	0	184.71	0	482.7064	0
41	CHESTERFII	514 - WAT	940.1852	0	0	1307.663	3.081081	902.8201	0
41	CHESTERFII	515 - DAVI	1123.954	25.65517	0	258.4575	1	1101.207	0
41	CHESTERFII	516 - POCC	690.1023	0	0	211.9967	2.054054	698.481	0
41	CHESTERFII	517 - ROSE	360.9687	0	0	599.8571	1	372.098	0
41	CHESTERFII	518 - MIDL	772.1312	0	0	1332.426	1	763.8431	0
43	CLARKE CO	101 - RUSS	397.4611	0	0	778.1423	0	376.0365	0
43	CLARKE CO	201 - BERR	458.3624	0	0	448.5271	1	453.6142	0
43	CLARKE CO	301 - MILL	345.5763	0	0	460.5751	0	327.5504	0
43	CLARKE CO	302 - PINE	134.6239	0	0	194.014	1	127.1413	0
43	CLARKE CO	401 - WHIT	469.2148	0	0	663.1734	0	444.9944	0
43	CLARKE CO	501 - BUCK	289.5483	0	0	407.8467	1	275.8319	0
43	CLARKE CO	502 - BLUE	128.2133	0	0	162.7214	0	122.8314	0
45	CRAIG COU	101 - COUF	63.08943	0	0	310.3594	0	0	0
45	CRAIG COU	201 - AMM	63.08943	0	0	355.1429	2	0	0
45	CRAIG COU	301 - GIVE	65.19241	0	0	149.9724	0	0	0
45	CRAIG COU	303 - MAR	55.729	0	0	133.3088	0	0	0
45	CRAIG COU	401 - BARB	35.75068	0	0	161.4286	0	0	0
45	CRAIG COU	402 - PAIN	8.411924	0	0	20.82949	0	0	0
45	CRAIG COU	403 - CRAI	34.69919	0	0	130.1843	0	0	0
45	CRAIG COU	501 - CRAI	62.03794	0	0	320.7742	1	0	0
47	CULPEPER	101 - WEST	1020.023	0	0	0	817.966	907.1218	0
47	CULPEPER	201 - EAST	877.7338	0	0	49.3962	499.664	797.5695	0
47	CULPEPER	302 - EGGB	252.5604	0	0	614.8251	56.3125	254.1634	0
47	CULPEPER	303 - CARD	283.5793	0	0	0	490.1389	213.2388	0
47	CULPEPER	304 - WILL	184.3805	0	0	0	152.7012	155.8444	0
47	CULPEPER	401 - ELDO	376.3087	0	0	0	611.8727	326.32	0
47	CULPEPER	402 - BROV	589.8019	0	0	0	1003.77	525.4386	0
47	CULPEPER	501 - JEFFE	427.4099	0	0	805.053	27.625	395.2272	0
47	CULPEPER	502 - RIXEY	333.5093	0	0	805.053	32.9375	313.7056	0
47	CULPEPER	601 - MITC	85.18162	0	0	0	126.0052	74.16043	0
47	CULPEPER	602 - PEAR	598.4279	0	0	0	811.5589	536.4045	0
47	CULPEPER	603 - SOUT	213.4932	0	0	0	190.0756	199.9107	0
47	CULPEPER	702 - BRAN	410.1334	0	0	879.6728	81.87125	383.393	0
47	CULPEPER	703 - LIGN	198.3977	0	0	0	414.3222	159.3449	0

47 CULPEPER 104 - RICH	111.0596	0	0	0	223.1787	86.15709	0
49 CUMBERLAND 101 - PREC	233.3045	0	0	441.683	2	222.9981	0
49 CUMBERLAND 201 - PREC	211.9982	0	0	474.206	1	212.3284	0
49 CUMBERLAND 301 - PREC	304.6808	0	0	278.019	0	311.5572	0
49 CUMBERLAND 401 - PREC	194.9531	0	0	437.4865	1	190.9888	0
49 CUMBERLAND 501 - PREC	213.0635	0	0	354.6054	1	209.1274	0
51 DICKENSON 101 - SOUT	665.5177	0	0	607.7066	1	0	403.2289
51 DICKENSON 201 - NOR	223.8895	0	0	151.9267	0	0	143.0056
51 DICKENSON 202 - FRYIN	72.57956	0	0	69.05757	0	0	51.5758
51 DICKENSON 203 - CLINC	284.1674	0	0	226.739	1	0	186.3762
51 DICKENSON 301 - WEST	46.74616	0	0	134.6623	0	0	56.2645
51 DICKENSON 302 - HERA	121.786	0	0	158.8324	0	0	82.0524
51 DICKENSON 303 - RIDG	269.4055	0	0	318.8158	0	0	172.31
51 DICKENSON 401 - HAYS	629.843	0	0	430.4588	1	0	403.2289
51 DICKENSON 501 - TARP	170.9925	0	0	139.2661	1	0	99.63506
51 DICKENSON 502 - NORT	476.0727	0	0	461.5348	1	0	281.3225
53 DINWIDDIE 101 - WHIT	91.55391	208.7192	0	0	10.33333	69.71889	0
53 DINWIDDIE 102 - ROCK	146.4863	333.9507	0	0	2.066667	129.4779	0
53 DINWIDDIE 103 - CHUF	187.4162	551.0187	0	0	18.6	158.2508	0
53 DINWIDDIE 201 - ROHC	282.2015	130.4495	0	0	2.066667	269.6883	104.914
53 DINWIDDIE 202 - SUTH	466.3864	570.847	0	0	8.266667	442.6491	518.2752
53 DINWIDDIE 301 - REAN	114.1731	202.4576	0	0	1.033333	115.0915	0
53 DINWIDDIE 302 - NEW	255.2739	313.0788	0	0	2.066667	260.133	288.5135
53 DINWIDDIE 303 - LITTL	431.9191	339.1687	0	0	3.1	412.7801	0
53 DINWIDDIE 401 - DINV	368.3699	473.7926	0	0	7.233333	341.9546	0
53 DINWIDDIE 402 - MCKE	206.8041	232.7219	0	0	2.066667	189.237	0
53 DINWIDDIE 403 - CHER	207.8812	156.5394	0	0	2.066667	189.237	0
53 DINWIDDIE 501 - EDGE	105.5563	35.48226	0	0	1.033333	99.92465	40.91646
53 DINWIDDIE 502 - CHES	781.9781	305.7736	0	0	2.066667	747.8571	328.3808
57 ESSEX COU 101 - GREA	356.203	0	0	404.3612	3	351.0598	0
57 ESSEX COU 201 - NORT	435.1222	0	0	318.3946	1	431.0887	0
57 ESSEX COU 301 - SOUT	333.807	0	0	635.728	0	327.5847	0
57 ESSEX COU 401 - CENT	366.8678	0	0	545.5162	2	370.2668	0
59 FAIRFAX CC 104 - CHAP	890.1942	0	0	458.7207	2.355556	975.6598	0
59 FAIRFAX CC 105 - FAIRV	1549.896	353.7019	151.0508	0	43.79843	1710.43	0
59 FAIRFAX CC 106 - HERIT	1023.601	0	0	0	49.36275	1033.957	0
59 FAIRFAX CC 108 - KING	764.5707	0	0	424.6626	3.533333	878.8638	0
59 FAIRFAX CC 109 - LITTL	440.438	134.5369	31.74256	0	7.861257	503.9243	0
59 FAIRFAX CC 110 - NORT	1183.677	0	0	622.6256	5.888889	1332.214	0
59 FAIRFAX CC 113 - CANT	1455.5	0	0	659.8767	2.355556	1660.508	0
59 FAIRFAX CC 114 - OLDE	709.1609	244.1194	54.72855	0	23.58377	842.4638	0
59 FAIRFAX CC 115 - RAVE	551.2273	0	0	323.5524	2.355556	631.3346	0
59 FAIRFAX CC 116 - WAKI	932.4297	0	0	355.4819	2.355556	1011.179	0
59 FAIRFAX CC 117 - WOO	877.5309	264.7339	94.1331	0	22.46073	1036.708	0
59 FAIRFAX CC 118 - LAKE	1169.669	247.3743	146.6725	0	26.95288	1319.946	0
59 FAIRFAX CC 119 - LAUR	1256.642	390.591	163.0911	0	30.32199	1470.704	0
59 FAIRFAX CC 120 - SIDEE	1229.591	0	0	0	130.1103	1230.952	0

59 FAIRFAX CC 121 - VILLA	666.7114	0	0	0	77.39321	697.0583	0
59 FAIRFAX CC 123 - ROBII	1213.156	360.2117	147.7671	0	29.19895	1451.835	0
59 FAIRFAX CC 125 - SIGNI	1023.6	308.1329	93.03853	0	20.21466	1129.653	0
59 FAIRFAX CC 126 - BONNI	818.4341	196.3805	73.33625	0	11.23037	935.7009	0
59 FAIRFAX CC 127 - BURK	1349.19	295.1132	164.1856	0	32.56806	1482.739	0
59 FAIRFAX CC 128 - CARD	745.8891	0	0	370.7533	2.608696	812.8025	0
59 FAIRFAX CC 129 - KEEN	596.7113	0	0	305.4564	1.304348	636.7678	0
59 FAIRFAX CC 130 - TERR.	816.204	197.4655	103.9842	0	23.58377	907.4626	0
59 FAIRFAX CC 131 - EAGL	1020.833	0	0	0	114.4074	1029.558	0
59 FAIRFAX CC 132 - MON	1127.944	0	0	0	77.39321	1132.953	0
59 FAIRFAX CC 133 - DANE	229.5878	0	0	105.3674	1.177778	251.0126	0
59 FAIRFAX CC 134 - UNIV	610.9699	0	0	0	19.06789	624.9105	0
59 FAIRFAX CC 201 - Arms	1306.894	0	0	0	119.9672	1243.258	0
59 FAIRFAX CC 202 - FLINT	1088.709	0	0	0	124.2904	1005.427	0
59 FAIRFAX CC 203 - FLOR	1192.668	0	0	0	144.1861	1164.357	0
59 FAIRFAX CC 204 - MADI	268.7537	0	0	0	18.74323	263.0618	0
59 FAIRFAX CC 208 - RESTI	1290.281	0	0	0	82.13974	1250.021	0
59 FAIRFAX CC 209 - RESTI	1301.356	0	0	0	81.05895	1253.402	0
59 FAIRFAX CC 213 - VIENI	1460.229	0	0	0	117.9721	1444.065	0
59 FAIRFAX CC 214 - VIENI	1135.485	0	0	0	70.56276	1116.625	0
59 FAIRFAX CC 216 - VIENI	555.4244	0	0	0	39.69155	544.993	0
59 FAIRFAX CC 218 - VIENI	810.7405	0	0	0	50.71698	802.505	0
59 FAIRFAX CC 219 - WEST	1206.645	0	0	586.0544	0	1194.79	0
59 FAIRFAX CC 220 - DOG	1414.325	0	0	0	112.4017	1344.702	0
59 FAIRFAX CC 221 - HUN	1208.323	0	0	0	101.5939	1157.594	0
59 FAIRFAX CC 222 - RESTI	938.084	0	0	0	47.55459	920.8899	0
59 FAIRFAX CC 223 - GLAD	1571.595	0	0	0	104.8362	1529.556	0
59 FAIRFAX CC 224 - SOUT	1995.782	0	0	0	112.4017	1956.75	0
59 FAIRFAX CC 225 - HUG	1402.142	0	0	0	78.89738	1362.737	0
59 FAIRFAX CC 226 - WOLI	1244.933	0	0	630.5367	1.076923	1219.587	0
59 FAIRFAX CC 227 - SUNR	646.8017	0	0	0	68.08952	616.5567	0
59 FAIRFAX CC 229 - FOX	1526.441	0	0	0	210.3166	1501.377	0
59 FAIRFAX CC 233 - NOR	1150.731	0	0	0	110.2402	1098.981	0
59 FAIRFAX CC 234 - ALDR	1054.375	0	0	0	79.97817	1011.063	0
59 FAIRFAX CC 235 - FRYIN	935.869	0	0	0	85.3821	835.2464	0
59 FAIRFAX CC 236 - STUA	495.767	0	0	0	111.6629	513.9851	0
59 FAIRFAX CC 237 - MCN	959.1272	0	0	0	60.52402	848.1293	0
59 FAIRFAX CC 238 - CAMI	1056.591	0	0	0	84.30131	988.5196	0
59 FAIRFAX CC 240 - COLV	701.9427	0	0	526.0033	0	806.3846	0
59 FAIRFAX CC 301 - CHAI	972.2777	0	0	538.2359	2.153846	1063.643	0
59 FAIRFAX CC 302 - CHES	988.806	0	0	0	97.08793	958.6633	0
59 FAIRFAX CC 303 - CHUF	482.6581	0	0	304.7038	3.230769	568.7377	0
59 FAIRFAX CC 304 - COOF	565.0349	0	0	389.2202	0	624.1117	0
59 FAIRFAX CC 305 - EL NII	914.9434	0	0	0	67.84458	817.1912	0
59 FAIRFAX CC 306 - GREA	581.2782	0	0	534.8997	0	691.022	0
59 FAIRFAX CC 307 - HAYC	1023.355	0	0	0	71.35378	899.4739	0
59 FAIRFAX CC 309 - KENN	1012.886	0	0	713.941	1.076923	1161.701	0

59 FAIRFAX CC 310 - KIRBY	783.8968	0	0	0	71.35378	695.4579	0
59 FAIRFAX CC 311 - LANG	583.5987	0	0	415.9096	0	628.7262	0
59 FAIRFAX CC 312 - LONG	955.4487	0	0	0	83.05112	861.1504	0
59 FAIRFAX CC 314 - MCLE	826.7848	0	0	0	70.18405	737.1628	0
59 FAIRFAX CC 315 - PIMM	1015.426	0	0	0	95.28058	984.0109	0
59 FAIRFAX CC 316 - SALO	303.9818	0	0	164.5845	1.076923	333.3979	0
59 FAIRFAX CC 317 - WEST	770.2857	0	0	0	72.54317	730.3999	0
59 FAIRFAX CC 318 - WEST	531.3343	0	0	0	38.60123	471.153	0
59 FAIRFAX CC 319 - HERN	1239.418	0	0	0	261.2695	1172.351	0
59 FAIRFAX CC 320 - HERN	1290.516	0	0	0	104.0742	1212.073	0
59 FAIRFAX CC 321 - CLEA	1318.784	0	0	0	199.4755	1398.195	0
59 FAIRFAX CC 322 - FORE	772.7171	0	0	959.7058	1.076923	978.2749	0
59 FAIRFAX CC 323 - SHOL	747.1919	0	0	454.8316	0	866.3732	0
59 FAIRFAX CC 324 - HERN	1088.296	0	0	0	102.9901	1026.344	0
59 FAIRFAX CC 325 - HUTC	659.9355	0	0	0	42.28013	623.7508	0
59 FAIRFAX CC 327 - SUGA	1167.662	0	0	0	137.6815	1262.067	0
59 FAIRFAX CC 328 - HICK	887.5805	0	0	820.6986	2.153846	1102.867	0
59 FAIRFAX CC 329 - SENE	893.3816	0	0	994.1796	1.076923	1130.554	0
59 FAIRFAX CC 331 - SPRIN	650.8923	0	0	451.4954	1.076923	759.086	0
59 FAIRFAX CC 332 - COAT	1012.191	0	0	0	82.39205	952.2667	0
59 FAIRFAX CC 333 - SALO	600.4316	0	0	0	72.52352	587.1957	0
59 FAIRFAX CC 401 - BUSH	1155.319	357.9445	0	0	28.88889	1124.094	0
59 FAIRFAX CC 402 - CAMI	354.2978	112.0617	0	0	14.44444	384.9144	0
59 FAIRFAX CC 403 - FORE	414.7742	0	0	154.326	0	424.2902	0
59 FAIRFAX CC 404 - FRAN	1030.985	246.9708	0	0	27.77778	1110.162	0
59 FAIRFAX CC 405 - GROV	546.9818	0	0	155.4672	1.125	591.3177	0
59 FAIRFAX CC 406 - HAYF	759.5106	0	0	468.6225	1.125	907.0591	0
59 FAIRFAX CC 408 - MOU	901.1488	144.701	0	0	15.55556	958.381	0
59 FAIRFAX CC 409 - PION	1024.481	0	0	383.1542	4.711111	1063.481	0
59 FAIRFAX CC 410 - ROSE	1243.343	444.9827	0	0	24.44444	1346.337	0
59 FAIRFAX CC 411 - VIRGI	715.1974	209.9796	0	0	18.88889	800.8437	0
59 FAIRFAX CC 413 - FAIRF	662.1948	0	0	113.269	1.125	707.9777	0
59 FAIRFAX CC 415 - CRES	694.1782	0	0	376.7683	4.711111	799.7629	0
59 FAIRFAX CC 417 - GARF	872.8668	0	0	447.0132	3.533333	892.6625	0
59 FAIRFAX CC 418 - LYNB	505.7429	0	0	218.185	0	577.0029	0
59 FAIRFAX CC 419 - LANE	1044.404	87.03818	0	201.1559	9.022222	1056.868	0
59 FAIRFAX CC 420 - VILLA	1246.644	322.0413	0	0	13.33333	1349.479	0
59 FAIRFAX CC 421 - KING	1015.58	273.0823	0	0	12.22222	1028.215	0
59 FAIRFAX CC 422 - VAN I	1153.118	294.8418	0	0	14.44444	1160.461	0
59 FAIRFAX CC 423 - CLERI	864.8387	261.1146	0	0	23.33333	952.8025	0
59 FAIRFAX CC 424 - HUN	918.7536	267.6424	0	0	21.11111	1028.174	0
59 FAIRFAX CC 426 - GREE	800.3084	0	0	388.4758	1.177778	807.8045	0
59 FAIRFAX CC 427 - ISLAN	870.3403	243.7069	0	0	12.22222	857.3968	0
59 FAIRFAX CC 428 - PINE	976.5136	0	0	172.1244	2.25	1035.93	0
59 FAIRFAX CC 429 - HYBL	866.8935	0	0	175.4558	0	919.5955	0
59 FAIRFAX CC 501 - BAILE	1151.857	73.53659	0	0	48.17429	1174.652	0
59 FAIRFAX CC 502 - BARC	595.1681	0	0	0	41.6841	566.1365	0

59 FAIRFAX CC 503 - BELVI	706.6931	0	0	0	46.0719	703.971	0
59 FAIRFAX CC 504 - BRIST	735.4025	0	0	0	39.4902	743.5694	0
59 FAIRFAX CC 505 - GLEN	784.1672	248.0488	0	0	13.96296	911.6863	0
59 FAIRFAX CC 506 - HOLM	177.7775	0	0	0	17.5512	177.1214	0
59 FAIRFAX CC 507 - LINCC	1073.29	0	0	0	61.42919	1055.122	0
59 FAIRFAX CC 508 - MASO	1082.124	0	0	0	73.49564	1083.455	0
59 FAIRFAX CC 509 - PLAZA	373.413	53.78049	0	0	1.074074	394.4483	0
59 FAIRFAX CC 510 - PARK	722.152	0	0	0	52.65359	705.2257	0
59 FAIRFAX CC 511 - RAVE	1037.955	0	0	0	88.85294	1002.964	0
59 FAIRFAX CC 512 - SLEEP	543.2703	0	0	0	55.94444	535.7108	0
59 FAIRFAX CC 513 - SAINI	902.1379	0	0	0	61.42919	898.663	0
59 FAIRFAX CC 514 - CROS	420.3563	65.85366	0	0	2.148148	461.8196	0
59 FAIRFAX CC 515 - WEST	552.104	0	0	0	42.78105	544.4038	0
59 FAIRFAX CC 516 - WEYER	866.1621	0	0	183.0626	26.40763	908.4264	0
59 FAIRFAX CC 517 - WILLI	455.5638	127.3171	0	0	4.296296	520.4979	0
59 FAIRFAX CC 518 - COLU	820.4265	0	0	0	80.07734	810.6666	0
59 FAIRFAX CC 519 - HUM	589.647	0	0	0	44.97495	584.0759	0
59 FAIRFAX CC 520 - SKYLI	750.0266	151.4634	0	0	3.222222	820.409	0
59 FAIRFAX CC 521 - BROCK	586.3344	0	0	0	61.42919	580.2628	0
59 FAIRFAX CC 522 - CAMI	506.4702	0	0	216.0564	16.24101	582.7319	0
59 FAIRFAX CC 523 - POE	836.9896	0	0	0	91.04684	825.8422	0
59 FAIRFAX CC 525 - WALI	1043.753	0	0	0	76.8741	1056.209	0
59 FAIRFAX CC 526 - BREN	1085.127	0	0	286.3013	1.177778	1172.479	0
59 FAIRFAX CC 527 - EDSA	614.0391	0	0	294.8159	4.711111	722.6119	0
59 FAIRFAX CC 528 - RIDGI	421.272	0	0	237.3427	0	501.7044	0
59 FAIRFAX CC 530 - HOLM	643.7532	0	0	0	29.61765	632.4212	0
59 FAIRFAX CC 601 - BELLE	617.4519	0	0	352.0221	1.125	691.7302	0
59 FAIRFAX CC 602 - BELLE	780.3373	0	0	0	80.88235	785.4485	0
59 FAIRFAX CC 604 - BUCK	1148.774	0	0	293.1667	1.125	1222.065	0
59 FAIRFAX CC 605 - FORT	769.5777	0	0	455.2968	1.125	870.2412	0
59 FAIRFAX CC 606 - HOLL	997.7664	0	0	434.1976	4.5	1109.976	0
59 FAIRFAX CC 607 - HUNI	1154.219	220.8594	0	0	30	1246.23	0
59 FAIRFAX CC 608 - KIRKS	809.8463	0	0	240.9741	1.125	866.4141	0
59 FAIRFAX CC 609 - MARI	743.8505	0	0	384.2261	0	807.7623	0
59 FAIRFAX CC 610 - SHER	683.4476	0	0	248.7475	4.5	737.8923	0
59 FAIRFAX CC 611 - STRA	1002.241	0	0	598.5487	1.125	1157.804	0
59 FAIRFAX CC 612 - WAYI	492.1718	0	0	286.5038	1.125	552.2685	0
59 FAIRFAX CC 613 - WEST	905.0863	0	0	892.0213	1.304348	1078.876	0
59 FAIRFAX CC 614 - RIVEF	663.3133	0	0	458.6282	1.125	766.4817	0
59 FAIRFAX CC 615 - WOO	868.0121	0	0	453.0758	1.125	968.771	0
59 FAIRFAX CC 616 - GUNS	603.3909	0	0	569.964	1.304348	744.54	0
59 FAIRFAX CC 617 - LORT	686.5895	145.789	0	0	6.666667	697.5992	0
59 FAIRFAX CC 618 - NEWI	1696.619	0	0	794.6294	5.217391	1686.14	0
59 FAIRFAX CC 619 - BELVI	982.5712	293.7539	0	0	32.22222	1074.708	0
59 FAIRFAX CC 621 - GROS	691.6627	0	0	0	44.11765	700.6557	0
59 FAIRFAX CC 622 - LORT	1050.79	213.2436	0	0	20	1045.848	0
59 FAIRFAX CC 623 - ALBA	845.7928	0	0	370.3824	5.888889	881.642	0

59 FAIRFAX CC 626 - SARA	1053.721	0	0	540.6731	3.533333	1064.583	0
59 FAIRFAX CC 627 - WOO	1117.454	0	0	378.6737	3.375	1233.144	0
59 FAIRFAX CC 628 - LAUR	1321.448	0	0	432.7299	1.304348	1326.871	0
59 FAIRFAX CC 629 - SOUT	909.5394	0	0	616.4465	1.304348	919.1118	0
59 FAIRFAX CC 630- ARMY	224.462	77.24639	0	0	7.777778	216.0023	0
59 FAIRFAX CC 701 - BLAK	1395.28	0	0	0	111.3568	1391.897	0
59 FAIRFAX CC 703 - FORT	629.7385	0	0	0	37.89568	629.1613	0
59 FAIRFAX CC 704 - FREE	772.667	0	0	0	55.12715	724.7641	0
59 FAIRFAX CC 705 - GRA	1246.403	0	0	0	88.78417	1239.85	0
59 FAIRFAX CC 707 - MAN	825.1243	197.4655	65.67426	0	19.09162	935.7009	0
59 FAIRFAX CC 708 - MAR	1542.75	0	0	0	100.6942	1544.108	0
59 FAIRFAX CC 709 - MOSI	1083.133	0	0	0	68.42008	1102.196	0
59 FAIRFAX CC 710 - PINE	793.1655	0	0	0	57.38489	799.7629	0
59 FAIRFAX CC 711 - PRICE	666.7896	189.8706	67.8634	0	11.23037	783.6356	0
59 FAIRFAX CC 712 - SHRE	557.8306	0	0	0	37.89568	557.4435	0
59 FAIRFAX CC 713 - TIMB	1049.201	0	0	0	54.13669	1052.949	0
59 FAIRFAX CC 714 - WAL	1009.979	0	0	0	76.8741	1035.598	0
59 FAIRFAX CC 717 - WOO	676.5876	0	0	0	56.30216	686.3717	0
59 FAIRFAX CC 718 - PINE	701.6464	0	0	0	63.88129	730.3573	0
59 FAIRFAX CC 720 - THOR	1157.881	0	0	0	116.8696	1137.715	0
59 FAIRFAX CC 721 - MERF	1105.856	0	0	0	44.39209	1099.674	0
59 FAIRFAX CC 723 - GALL	577.4419	0	0	0	23.82014	563.9633	0
59 FAIRFAX CC 726 - MAG	1096.291	0	0	0	67.25513	1034.733	0
59 FAIRFAX CC 727 - OAKT	830.897	0	0	0	71.6653	818.0445	0
59 FAIRFAX CC 729 - NOTT	1200.433	0	0	0	89.30599	1186.553	0
59 FAIRFAX CC 730 - PEND	1057.098	0	0	0	99.22888	1054.467	0
59 FAIRFAX CC 731 - TYSO	716.6767	0	0	0	66.15258	662.7702	0
59 FAIRFAX CC 732 - OAK I	1123.167	0	0	0	134.5103	1121.065	0
59 FAIRFAX CC 733 - KILMI	1369.524	0	0	0	91.51107	1357.488	0
59 FAIRFAX CC 734 - HUN	694.2805	0	0	0	51.81952	691.5085	0
59 FAIRFAX CC 735 - ROTC	396.4118	0	0	0	19.84578	370.8357	0
59 FAIRFAX CC 801 - BURK	1364.8	320.0676	129.1594	0	31.44503	1473.939	0
59 FAIRFAX CC 802 - CEDA	385.2137	0	0	0	34.17884	379.4844	0
59 FAIRFAX CC 803 - CLIFT	992.0883	0	0	1402.091	3.230769	1102.053	0
59 FAIRFAX CC 804 - COLC	516.5969	0	0	543.9437	3.230769	637.9737	0
59 FAIRFAX CC 805 - FAIRF	495.4887	0	0	515.7893	1.076923	634.6739	0
59 FAIRFAX CC 806 - SYDE	1087.662	0	0	700.5577	2.608696	1095.44	0
59 FAIRFAX CC 807 - HUN	685.7726	0	0	491.3864	0	817.2663	0
59 FAIRFAX CC 811 - POHI	619.9583	130.197	53.63398	0	15.72251	687.4717	0
59 FAIRFAX CC 812 - VALLI	935.1445	0	0	536.7622	1.304348	1072.456	0
59 FAIRFAX CC 815 - WOO	748.7878	0	0	822.1095	0	776.947	0
59 FAIRFAX CC 824 - ORAN	1334.807	0	0	888.7011	2.608696	1579.535	0
59 FAIRFAX CC 825 - CHER	934.3975	248.4593	99.60595	0	24.70681	1021.858	0
59 FAIRFAX CC 827 - IRVIN	898.4067	0	0	516.8411	1.304348	1012.743	0
59 FAIRFAX CC 833 - WHIT	941.0877	234.3546	119.3082	0	25.82984	984.4595	0
59 FAIRFAX CC 838 - SANG	663.5073	0	0	565.5371	1.304348	837.0655	0
59 FAIRFAX CC 839 - SILVE	1017.526	0	0	875.4204	1.304348	1035.929	0

59 FAIRFAX CC840 - WEST	997.4875	0	0	558.8967	2.608696	1001.766	0
59 FAIRFAX CC841 - POPE	433.2748	0	0	511.2845	1.076923	616.0308	0
59 FAIRFAX CC842 - PARK	735.9217	258.2241	116.0245	0	29.19895	855.7648	0
59 FAIRFAX CC843 - FAIR	1020.581	0	0	0	119.6173	1014.158	0
59 FAIRFAX CC844 - CENT	771.5472	0	0	0	37.48646	764.7662	0
59 FAIRFAX CC845 - FOUN	968.5425	0	0	1053.603	1.304348	990.7452	0
59 FAIRFAX CC846 - GREE	1032.744	0	0	0	84.17511	1056.687	0
59 FAIRFAX CC847 - GREE	780.6392	0	0	0	104.1113	798.0652	0
59 FAIRFAX CC848 - FAIR	827.3779	0	0	0	66.1768	828.2659	0
59 FAIRFAX CC849 - NEW	1413.143	0	0	1390.829	3.230769	1487.771	0
59 FAIRFAX CC850 - SOUT	810.4586	0	0	739.2931	1.304348	813.3147	0
59 FAIRFAX CC851 - WILL	835.4427	0	0	578.8552	0	966.8602	0
59 FAIRFAX CC901 - CENT	1059.857	0	0	480.8778	4.307692	1201.151	0
59 FAIRFAX CC902 - BROC	1242.831	0	0	0	104.1113	1071.434	0
59 FAIRFAX CC903 - CUB	1233.985	0	0	0	136.2308	1250.931	0
59 FAIRFAX CC904 - STON	420.1741	0	0	0	78.63727	419.0827	0
59 FAIRFAX CC905 - FRAN	348.3022	0	0	0	48.73296	302.75	0
59 FAIRFAX CC908 - HIDD	814.9165	0	0	0	84.17511	746.1801	0
59 FAIRFAX CC909 - OAK	744.7377	0	0	0	92.14901	730.3999	0
59 FAIRFAX CC910 - LONC	1126.852	0	0	0	113.2857	1138.453	0
59 FAIRFAX CC911 - NAVY	1049.329	0	0	0	91.92808	946.8146	0
59 FAIRFAX CC913 - ROCK	1220.716	0	0	0	159.4897	1233.172	0
59 FAIRFAX CC914 - VALE	797.225	0	0	0	98.57348	747.3073	0
59 FAIRFAX CC915 - VIRGI	734.3453	0	0	853.6425	0	939.3613	0
59 FAIRFAX CC916 - WAPI	1395.42	0	0	0	335.5929	1309.76	0
59 FAIRFAX CC917 - STON	640.2126	0	0	0	69.77674	651.5497	0
59 FAIRFAX CC918 - CENT	1454.248	0	0	647.552	3.230769	1616.933	0
59 FAIRFAX CC919 - GREE	1412.032	0	0	686.9682	2.153846	1585.035	0
59 FAIRFAX CC920 - CHAN	924.3829	0	0	0	71.99187	837.4801	0
59 FAIRFAX CC921 - DEER	996.5321	0	0	881.7969	0	1279.79	0
59 FAIRFAX CC923 - BULL	561.0354	0	0	791.7027	3.230769	771.0682	0
59 FAIRFAX CC924 - SPIN	668.7986	0	0	225.2355	1.076923	735.8697	0
59 FAIRFAX CC925 - OLD	594.3642	0	0	382.9003	2.153846	702.8711	0
59 FAIRFAX CC926 - POW	1256.915	0	0	0	93.09618	1264.948	0
59 FAIRFAX CC927 - ARMI	570.7844	0	0	0	69.38278	554.5629	0
59 FAIRFAX CC928 - POPL	942.0745	0	0	0	79.74484	955.6802	0
59 FAIRFAX CC929 - DIFF	237.013	0	0	0	31.34279	217.5419	0
59 FAIRFAX CC930 - LEES	747.4675	0	0	0	104.1113	676.2962	0
59 FAIRFAX CC931 - CARS	832.8016	0	0	0	79.13974	753.6542	0
59 FAIRFAX CC932 - STON	501.673	0	0	0	33.64922	509.4741	0
59 FAIRFAX CC933 - COMI	249.9662	0	0	164.4219	0	258.9823	0
61 FAUQUIER 101 - KETTI	170.6635	0	0	499.9927	0	162.5943	0
61 FAUQUIER 102 - CATLI	342.4281	0	0	1091.474	1	330.6817	0
61 FAUQUIER 103 - CASA	255.4448	0	0	448.9297	3	242.7929	0
61 FAUQUIER 104 - LOIS	161.3068	0	0	401.9011	2	168.0874	0
61 FAUQUIER 105 - OPAL	151.8693	0	0	411.9317	1	137.3263	0
61 FAUQUIER 106 - BALD	310.3417	0	0	524.1804	1	288.9345	0

61 FAUQUIER 201 - COUF	729.6332	0	0	803.7433	0	688.8286	0
61 FAUQUIER 202 - AIRLI	528.2412	0	0	721.1452	2	493.276	0
61 FAUQUIER 203 - WARI	663.603	0	0	720.0862	0	625.1092	0
61 FAUQUIER 301 - MORI	229.8359	0	0	635.3963	1	227.4123	0
61 FAUQUIER 302 - REMI	443.8573	0	0	800.7026	4	438.3455	0
61 FAUQUIER 303 - BEAL	567.8593	0	0	869.3982	1	549.3051	0
61 FAUQUIER 401 - MAR	576.6633	0	0	776.2106	1	535.0232	0
61 FAUQUIER 402 - LEED	593.1709	0	0	701.0251	1	562.4884	0
61 FAUQUIER 403 - WATI	515.0352	0	0	1025.064	0	484.4871	0
61 FAUQUIER 404 - SPRIN	265.2211	0	0	442.6412	2	242.7929	0
61 FAUQUIER 501 - THE F	583.2663	0	0	601.4838	0	556.9954	0
61 FAUQUIER 502 - NEW	462.4431	0	0	909.5613	2	436.1482	0
61 FAUQUIER 503 - BROA	428.0955	0	0	756.0905	0	413.0774	0
61 FAUQUIER 504 - VINT	752.0205	0	0	1451.043	4	716.2938	0
63 FLOYD COL 101 - LOCU	284.404	0	0	608.5673	0	286.394	0
63 FLOYD COL 201 - LITTL	447.0786	0	0	682.2692	0	447.3519	0
63 FLOYD COL 301 - COUF	366.2946	0	0	543.2885	2	387.409	0
63 FLOYD COL 401 - BURK	305.4299	0	0	574.875	0	300.8247	0
63 FLOYD COL 501 - INDIA	215.7929	0	0	657	0	212.0204	0
65 FLUVANNA 101 - PALM	748.2027	0	0	997.0971	2	807.9941	0
65 FLUVANNA 201 - COLU	509.3683	0	0	677.2037	1	505.9609	0
65 FLUVANNA 301 - FORK	608.9538	0	0	827.5901	3	611.7827	0
65 FLUVANNA 401 - CUNN	574.3325	0	0	1233.027	2	623.3966	10
65 FLUVANNA 501 - RIVAI	941.1426	0	0	1139.082	0	1032.866	0
67 FRANKLIN (102 - BURN	297.1913	0	0	813.2368	0	292.945	0
67 FRANKLIN (103 - SCRU	0	0	0	1705.572	83.06513	507.1413	0
67 FRANKLIN (201 - GLAD	0	0	0	938.3239	41.53257	156.4473	52.37154
67 FRANKLIN (202 - PENH	0	0	0	706.0758	25.95785	185.8468	21.99605
67 FRANKLIN (203 - HODC	0	0	0	154.4865	7.268199	17.84969	27.2332
67 FRANKLIN (204 - DUDL	24.93913	0	0	493.0268	19.72797	142.7976	0
67 FRANKLIN (301 - SNOV	0	0	0	389.8451	24.91954	0	65.98814
67 FRANKLIN (302 - FORK	0	0	0	370.1455	7.268199	0	62.84585
67 FRANKLIN (303 - SONT	0	0	0	684.3025	35.30268	0	206.3439
67 FRANKLIN (304 - DICKI	0	0	0	269.5737	10.38314	0	94.26877
67 FRANKLIN (401 - HENR	0	0	0	693.6339	20.76628	74.54872	34.56522
67 FRANKLIN (402 - FERRI	0	0	0	417.8393	28.03448	141.7476	0
67 FRANKLIN (403 - ENDI	0	0	0	412.6552	19.72797	104.9982	0
67 FRANKLIN (501 - WAIC	0	0	0	551.5893	21.8046	155.3973	5.237154
67 FRANKLIN (502 - CALL	0	0	0	690.5235	28.03448	171.1471	0
67 FRANKLIN (503 - BOW	0	0	0	343.1881	21.8046	113.3981	0
67 FRANKLIN (504 - GOG	0	0	0	618.9828	21.8046	148.0475	0
67 FRANKLIN (601 - BOON	0	0	0	796.2793	34.26437	213.1464	0
67 FRANKLIN (602 - BONE	216.1391	0	0	646.2604	0	212.0964	0
67 FRANKLIN (603 - COOF	134.0478	0	0	497.837	2	130.1978	0
67 FRANKLIN (701 - ROCK	44.68261	0	0	817.2286	30.11111	131.2478	133.0237
67 FRANKLIN (702 - ROCK	0	0	0	615.8723	34.26437	2.099964	195.8696
67 FRANKLIN (703 - ROCK	0	0	0	521.5215	25.95785	18.89968	160.2569

69	FREDERICK 101 - RUSS	212.643	0	0	824.9645	0	217.0074	0
69	FREDERICK 102 - GORE	243.3228	0	0	818.7696	4.444444	250.7173	0
69	FREDERICK 103 - KERN	447.5024	0	0	949.8966	1.111111	432.9614	0
69	FREDERICK 104 - CEDA	211.5851	0	0	544.1256	0	198.0456	0
69	FREDERICK 201 - GAIN	126.951	0	0	608.1403	1.111111	139.0533	0
69	FREDERICK 202 - ALBIN	324.7831	0	0	821.8671	0	312.8699	0
69	FREDERICK 203 - REDL	410.475	0	0	971.579	0	402.4118	0
69	FREDERICK 204 - NAIN	327.9569	0	0	913.7592	3.333333	338.1523	0
69	FREDERICK 301 - CLEA	155.0618	0	0	550.6832	2	150.6411	0
69	FREDERICK 302 - NEFF	597.1974	0	0	803.8115	0	590.9765	0
69	FREDERICK 303 - WHIT	476.0664	0	0	1162.591	0	472.9919	0
69	FREDERICK 401 - CARP	442.7973	0	0	873.9213	1	427.6942	0
69	FREDERICK 402 - SHEN	196.682	0	0	477.0631	0	179.0838	0
69	FREDERICK 403 - PARK	419.6583	0	0	780.1753	1	384.5034	0
69	FREDERICK 404 - ARMI	362.8624	0	0	821.8402	1	440.3354	0
69	FREDERICK 501 - STEPI	467.603	0	0	852.8419	0	458.2438	0
69	FREDERICK 502 - NEW	500.3987	0	0	1018.041	0	498.2743	0
69	FREDERICK 503 - CANT	615.7126	0	0	998.4239	0	615.2055	0
69	FREDERICK 601 - MILLI	240.9744	0	0	495.9248	1	234.9158	0
69	FREDERICK 602 - ASH	393.9407	0	0	576.5126	0	382.3966	0
69	FREDERICK 603 - GREE	698.8257	0	0	1092.068	1	680.5184	0
71	GILES COUNCIL 101 - GLEN	16.33089	0	0	78.96233	0	33.18886	57.8832
71	GILES COUNCIL 102 - RICH	72.94463	0	0	301.1097	0	133.826	213.6416
71	GILES COUNCIL 103 - NARR	276.5364	0	0	968.6045	1	458.2203	706.175
71	GILES COUNCIL 201 - PEAR	389.7638	0	0	1289.718	0	659.4947	910.3449
71	GILES COUNCIL 202 - STAFI	58.79119	0	0	225.3058	0	104.9196	165.2302
71	GILES COUNCIL 203 - WHIT	21.77452	0	0	171.6115	0	49.24798	121.0285
71	GILES COUNCIL 301 - EGGL	163.3089	0	0	352.6984	0	206.6274	274.6821
71	GILES COUNCIL 302 - PEME	357.1021	0	0	910.6988	0	546.0102	650.3967
71	GILES COUNCIL 303 - NEWI	275.4476	0	0	424.2909	1	325.4649	333.6177
73	GLOUCESTER 101 - HARC	210.0039	0	0	634.1237	0	225.9485	0
73	GLOUCESTER 102 - SALEI	181.7944	0	0	515.3546	0	202	0
73	GLOUCESTER 103 - PEASI	124.3306	0	0	424.4704	1	134.3196	0
73	GLOUCESTER 201 - COUF	337.4689	0	0	678.533	0	352.9794	0
73	GLOUCESTER 202 - BOTE	449.262	0	0	914.0057	1	467.5155	0
73	GLOUCESTER 301 - WHIT	269.5572	0	0	744.6306	0	292.5876	0
73	GLOUCESTER 302 - ROAN	324.9314	0	0	954.2839	3	339.4433	0
73	GLOUCESTER 401 - HAYE	381.3503	0	0	839.6459	3	414.4124	0
73	GLOUCESTER 402 - SARA	330.1553	0	0	698.1557	1	334.2371	0
73	GLOUCESTER 501 - ACHII	335.3793	0	0	1267.215	1	360.268	0
73	GLOUCESTER 502 - WALK	297.7667	0	0	711.5818	0	310.2887	0
75	GOOCHLAND 101 - FIFE	273.2045	0	0	473.504	0	269.9572	0
75	GOOCHLAND 102 - HADE	393.0856	0	0	736.7531	0	395.0594	0
75	GOOCHLAND 201 - THRE	170.8889	0	0	206.6966	0	166.8029	0
75	GOOCHLAND 202 - SAND	610.1551	0	0	947.8234	3	622.2185	0
75	GOOCHLAND 301 - GOOC	410.4893	0	0	716.3496	3	396.1568	0
75	GOOCHLAND 302 - GOOC	146.9427	0	0	344.8459	0	151.4394	0

75 GOOCHLAND 401 - SHAL	519.7324	0	0	1056.804	0	527.8432	0
75 GOOCHLAND 402 - CENT	367.4541	0	0	794.7506	0	363.2352	0
75 GOOCHLAND 501 - MAN.	477.8007	0	0	1235.085	0	475.1686	0
75 GOOCHLAND 502 - BLAIF	333.2467	0	0	702.3877	0	328.1188	0
77 GRAYSON (101 - BRID	0	0	0	188.1913	3	0	57.10714
77 GRAYSON (102 - FLAT	0	0	0	97.81697	1	0	42.30159
77 GRAYSON (103 - GRAN	0	0	0	195.6339	5	0	69.79762
77 GRAYSON (104 - MOU	0	0	0	99.94343	1	0	25.38095
77 GRAYSON (105 - MOU	0	0	0	140.3461	0	0	31.72619
77 GRAYSON (106 - RUGE	0	0	0	158.421	1	0	37.01389
77 GRAYSON (107 - TROU	0	0	0	85.05824	1	0	34.89881
77 GRAYSON (108 - COMI	0	0	0	137.1564	2	0	28.55357
77 GRAYSON (202 - ELK C	0	0	0	342.3594	5	0	86.71825
77 GRAYSON (203 - INDEI	0	0	0	927.1348	10	0	204.1052
77 GRAYSON (301 - BAYM	0	0	0	462.5042	1	0	95.17857
77 GRAYSON (302 - FAIR\	0	0	0	575.2063	7	0	108.9266
77 GRAYSON (401 - FRIES	0	0	0	251.985	3	0	85.66071
77 GRAYSON (402 - PROV	0	0	0	599.6606	5	0	108.9266
77 GRAYSON (403 - OLDT	0	0	0	211.5824	1	0	49.70437
79 GREENE CC 101 - DYKE	179.1283	0	0	558.6834	0	189.6892	0
79 GREENE CC 102 - SWIF	208.2636	0	0	646.6733	1.5	249.7038	0
79 GREENE CC 201 - RUCK	470.4815	0	0	1111.006	1.5	514.4113	0
79 GREENE CC 301 - STAN	375.522	0	0	1145.99	3	422.2459	0
79 GREENE CC 401 - MIDV	608.6046	0	0	1298.647	0	671.9498	0
81 GREENSVIL 101 - PREC	202	0	0	135	0	262	0
81 GREENSVIL 102 - PREC	62	0	0	102	1	123	0
81 GREENSVIL 103 - PREC	162	0	0	45	1	174	0
81 GREENSVIL 201 - PREC	304	0	0	123	2	352	0
81 GREENSVIL 202 - PREC	202	0	0	334	0	364	0
81 GREENSVIL 302 - PREC	554	0	0	312	1	690	0
81 GREENSVIL 401 - PREC	71	0	0	165	0	153	0
81 GREENSVIL 402 - PREC	216	0	0	179	0	310	0
81 GREENSVIL 403 - PREC	76	0	0	120	1	152	0
83 HALIFAX C(101 - CHIL	131.042	0	0	351.718	0	0	123.2733
83 HALIFAX C(102 - LIBER	66.56099	0	0	208.7347	0	0	69.99414
83 HALIFAX C(103 - REPU	158.0824	0	0	360.0674	1	0	133.7201
83 HALIFAX C(201 - CLAY	89.44134	0	0	299.5343	1	78.69762	14.62564
83 HALIFAX C(202 - CROS	88.40132	0	0	250.4817	4	98.63435	0
83 HALIFAX C(203 - CLOV	169.5225	0	0	338.1503	0	199.3673	0
83 HALIFAX C(302 - MEAL	95.68143	0	0	113.7604	2	0	88.79853
83 HALIFAX C(304 - VERN	82.16123	0	0	301.6217	0	0	65.81538
83 HALIFAX C(305 - SINAI	198.643	0	0	410.1637	0	0	216.2505
83 HALIFAX C(401 - COUF	203.843	0	0	478.0025	1	0	199.5355
83 HALIFAX C(403 - CENT	138.3221	0	0	545.8413	0	157.3952	0
83 HALIFAX C(502 - DAN	213.2032	0	0	657.5144	1	258.1282	0
83 HALIFAX C(503 - SCOT	58.24087	0	0	410.1637	1	75.54971	0
83 HALIFAX C(601 - BLAC	114.4017	0	0	385.1156	1	114.3739	12.53626

83	HALIFAX C(603 - MT C	194.4829	0	0	447.736	1	0	148.3458
83	HALIFAX C(605 - UNIO	46.8007	0	0	183.6866	0	0	48.05568
83	HALIFAX C(701 - HYCC	124.8019	0	0	602.1997	0	154.2473	0
83	HALIFAX C(702 - MIDV	59.28089	0	0	422.6878	3	60.85949	0
83	HALIFAX C(703 - VIRGI	50.96076	0	0	263.0058	0	64.0074	0
83	HALIFAX C(801 - SOUT	393.1259	0	0	401.8144	2	15.73952	305.0491
85	HANOVER (101 - ASHL	592.6704	0	0	433.0243	4	636.6039	0
85	HANOVER (104 - SLIDI	504.8282	0	0	600.613	3	490.0972	0
85	HANOVER (105 - BERK	529.17	0	0	327.891	2	562.2094	0
85	HANOVER (106 - KERSI	265.6434	0	0	427.8197	0	258.7208	0
85	HANOVER (107 - CHIC	374.6524	0	0	513.1754	1	355.4782	0
85	HANOVER (201 - BEAV	342.9022	0	0	1089.847	3	339.7026	0
85	HANOVER (202 - BLUN	262.4683	0	0	492.357	1	267.1345	0
85	HANOVER (203 - WILM	387.3525	0	0	849.3938	1	367.8548	0
85	HANOVER (206 - COUF	478.3697	0	0	554.8124	3	465.9078	0
85	HANOVER (208 - OAK I	300.5686	0	0	726.5648	6	292.3756	0
85	HANOVER (209 - WEST	87.84223	0	0	221.7168	1	96.46912	0
85	HANOVER (210 - OAK I	112.184	0	0	266.4765	1	148.7889	0
85	HANOVER (301 - CLAY	355.9748	0	0	816.5398	173.9893	361.7885	0
85	HANOVER (303 - SHAD	370.6758	0	0	736.751	201.0774	390.1847	0
85	HANOVER (304 - ATLEI	1167.349	0	0	1552.017	6	1108.503	0
85	HANOVER (305 - COOL	472.0197	0	0	784.8566	1	468.0113	0
85	HANOVER (401 - BATT	261.4682	0	0	964.719	200.0356	303.9444	0
85	HANOVER (403 - COLD	439.9806	0	0	970.9363	200.0356	442.7702	0
85	HANOVER (404 - BLAC	219.4653	0	0	1155.383	242.7515	261.876	0
85	HANOVER (405 - PEBB	240.4667	0	0	410.3423	143.7756	269.2379	0
85	HANOVER (406 - BEAV	91.35635	0	0	161.65	29.17185	94.65396	0
85	HANOVER (502 - RURA	364.3753	0	0	792.7068	177.1148	388.0812	0
85	HANOVER (503 - NEWI	366.4755	0	0	530.5436	102.1015	378.6158	0
85	HANOVER (504 - STUD	136.5095	0	0	610.3324	170.8637	171.4288	0
85	HANOVER (505 - TOTC	144.9101	0	0	467.3343	110.4363	158.8083	0
85	HANOVER (506 - GEOF	268.8187	0	0	566.8112	192.7426	300.7893	0
85	HANOVER (507 - LAUR	311.8717	0	0	751.2581	137.5244	337.5991	0
85	HANOVER (601 - VILLA	499.8348	0	0	1117.043	278.1744	542.6827	0
85	HANOVER (602 - LEE D	401.1279	0	0	894.2561	221.9144	408.0637	0
85	HANOVER (603 - MECH	328.6729	0	0	427.958	82.3063	329.1854	0
85	HANOVER (604 - HANC	231.0161	0	0	527.435	148.9848	251.3589	0
85	HANOVER (701 - FARR	398.9942	0	0	936.8314	1	393.2972	0
85	HANOVER (702 - MON	455.0862	0	0	757.7925	0	456.9032	0
85	HANOVER (703 - ROCK	396.8775	0	0	951.4044	0	379.5159	0
85	HANOVER (704 - ELMC	500.5949	0	0	812.9615	0	565.3978	0
85	HANOVER (705 - SOUT	225.4264	0	0	545.4441	2	210.9599	0
87	HENRICO C 101 - COAL	1182.771	0	0	1030.523	2	1099.707	0
87	HENRICO C 102 - DUM	1125.334	0	0	402.0522	0	1097.576	0
87	HENRICO C 103 - GLEN	1096.616	0	0	1319.366	2	1101.838	0
87	HENRICO C 105 - GREE	1010.05	0	0	591.0231	10.11628	1001.671	0
87	HENRICO C 106 - HERN	848.787	0	0	684.5468	0	881.2033	0

87 HENRICO C 108 - HUN	1139.212	0	0	1071.454	3.069767	1134.872	0
87 HENRICO C 109 - HUN	229.7469	0	0	351.2667	0	262.2645	0
87 HENRICO C 110 - JOHN	1185.883	0	0	486.064	3.069767	1178.562	0
87 HENRICO C 111 - LAKE	1316.79	0	0	848.5417	3	1268.073	0
87 HENRICO C 112 - LONG	702.1956	0	0	713.2462	3.069767	693.7106	0
87 HENRICO C 113 - MAU	359.5113	0	0	333.2801	0	349.5193	0
87 HENRICO C 114 - MON	340.395	0	0	302.5664	0	342.0601	0
87 HENRICO C 115 - STAP	979.043	0	0	1273.276	1.023256	1077.092	0
87 HENRICO C 117 - WEST	748.8672	0	0	548.407	0	749.1223	0
87 HENRICO C 201 - ADAM	980.2154	0	0	0	9.45	963.0352	0
87 HENRICO C 202 - AZAL	1190.571	0	0	0	16.48053	1156.062	0
87 HENRICO C 203 - BELM	1031.828	0	0	0	43.2614	918.5539	0
87 HENRICO C 204 - BROC	255.8683	0	0	0	17.51057	197.1374	0
87 HENRICO C 205 - CANT	284.066	0	0	0	12.3604	258.0683	0
87 HENRICO C 206 - CENT	1203.103	0	0	0	6.1802	1184.386	0
87 HENRICO C 207 - CHAN	1227.123	0	0	0	51.50167	1159.209	0
87 HENRICO C 208 - FAIR	976.477	0	0	0	7.210234	963.0352	0
87 HENRICO C 209 - GLEN	767.6049	0	0	0	18.5406	745.8802	0
87 HENRICO C 210 - GREE	712.6407	0	0	169.2851	0	725.9481	0
87 HENRICO C 211 - HIGH	471.0065	0	0	0	2.060067	461.5855	0
87 HENRICO C 212 - HOLL	454.2968	0	0	0	13.39043	393.2093	0
87 HENRICO C 213 - HUNC	726.8748	0	0	0	30.901	676.6424	0
87 HENRICO C 214 - LONG	642.2816	0	0	0	41.20133	578.0309	0
87 HENRICO C 215 - MAPI	1343.047	0	0	0	7.210234	1314.47	0
87 HENRICO C 216 - MOO	404.1675	0	0	0	41.20133	304.7638	0
87 HENRICO C 217 - MOU	285.0563	0	0	178.8074	0	301.0796	0
87 HENRICO C 218 - OAKV	43.60936	0	0	47.61144	0	36.23066	0
87 HENRICO C 219 - RANC	161.6737	0	0	41.26325	0	176.2417	0
87 HENRICO C 220 - RATC	1461.06	0	0	0	8.240267	1433.013	0
87 HENRICO C 221 - STRA	125.5099	0	0	89.93273	1	124.6761	0
87 HENRICO C 222 - WILD	1025.562	0	0	0	21.6307	978.7711	0
87 HENRICO C 223 - YELL	1139.397	0	0	0	76.22247	1033.322	0
87 HENRICO C 224 - ESSE	227.6706	0	0	0	0	218.2041	0
87 HENRICO C 301 - CAUS	615.8891	0	0	574.0611	0	594.6091	0
87 HENRICO C 302 - CEDA	730.8349	0	0	890.7652	1.023256	696.9075	0
87 HENRICO C 303 - INNS	924.3057	0	0	739.5644	1	882.3232	0
87 HENRICO C 304 - JACK	386.1015	0	0	537.8404	4.093023	384.6844	0
87 HENRICO C 305 - NUCK	868.0898	0	0	1137.647	4.8	871.6671	0
87 HENRICO C 306 - POCA	791.3503	0	0	639.0514	1	751.2535	0
87 HENRICO C 307 - RIDG	426.4088	0	0	439.571	0	423.0463	0
87 HENRICO C 308 - RIVE	790.1565	0	0	931.278	1.2	819.4524	0
87 HENRICO C 309 - SADL	849.6889	0	0	825.4748	0	878.0608	0
87 HENRICO C 310 - SHAD	747.9427	0	0	1077.936	2.4	758.7127	0
87 HENRICO C 311 - SHOR	484.918	0	0	525.8735	0	485.9171	0
87 HENRICO C 312 - SPRIN	569.6058	0	0	436.401	1.023256	559.4441	0
87 HENRICO C 313 - STON	1107.252	0	0	1071.787	6	1043.23	0
87 HENRICO C 314 - THRE	781.7494	0	0	799.8924	4.093023	777.8937	0

87 HENRICO C 315 - TUCK	1087.236	0	0	408.9278	4.093023	1067.739	0
87 HENRICO C 316 - COLO	677.5863	0	0	507.0175	0	684.1202	0
87 HENRICO C 401 - QUIO	917.5214	0	0	776.6458	1.023256	901.5042	0
87 HENRICO C 402 - CRES	773.2637	0	0	469.1575	3.069767	773.6312	0
87 HENRICO C 403 - DERB	532.8345	0	0	793.7896	2.046512	524.279	0
87 HENRICO C 404 - FREEI	568.1086	0	0	515.9532	5.093023	563.7065	0
87 HENRICO C 405 - GAYT	845.5961	0	0	1086.599	3	783.2217	0
87 HENRICO C 406 - GOD\	804.114	0	0	701.4753	2	744.8598	0
87 HENRICO C 407 - LAKE\	517.9941	0	0	623.1809	1	490.1796	0
87 HENRICO C 408 - LAUD	702.0043	0	0	603.0783	5	650.0207	0
87 HENRICO C 409 - MAYE	715.8317	0	0	843.2516	2	658.5456	0
87 HENRICO C 410 - MOO	370.1477	0	0	648.5737	0	330.3384	0
87 HENRICO C 411 - PEME	669.3133	0	0	556.8603	2.046512	666.0048	0
87 HENRICO C 412 - PINCI	879.3355	0	0	794.609	1.023256	862.0767	0
87 HENRICO C 413 - RIDGI	906.2237	0	0	924.72	1	820.518	0
87 HENRICO C 414 - ROLLI	624.412	0	0	607.2123	4	597.806	0
87 HENRICO C 415 - SKIPV	452.9267	0	0	339.1882	1.023256	457.1457	0
87 HENRICO C 416 - SPOT	342.612	0	0	352.9248	0	335.6664	0
87 HENRICO C 417 - TUCK	825.2389	0	0	1493.062	0	805.5995	0
87 HENRICO C 418 - WELE	567.9853	0	0	481.4046	2	531.7383	0
87 HENRICO C 419 - WEST	705.7288	0	0	830.7125	3.6	672.3985	0
87 HENRICO C 501 - ANTI	468.9178	0	0	0	113.3037	341.9929	0
87 HENRICO C 502 - CEDA	572.3095	0	0	0	11.33037	549.7064	0
87 HENRICO C 503 - CHIC	703.8989	0	0	0	91.67297	590.6196	0
87 HENRICO C 504 - DON/	632.8824	0	0	0	45.32147	565.4422	0
87 HENRICO C 505 - DORE	989.6912	0	0	0	102.9	843.4426	0
87 HENRICO C 506 - EANE	926.5194	0	0	0	46.2	849.7369	0
87 HENRICO C 507 - ELKO	158.7428	0	0	0	49.4416	102.8077	0
87 HENRICO C 508 - HIGH	736.2741	0	0	0	30.901	703.9179	0
87 HENRICO C 509 - LABU	762.1168	0	0	0	27.8708	700.7707	0
87 HENRICO C 510 - MEHI	920.2022	0	0	0	40.95	869.669	0
87 HENRICO C 511 - MON	1619.303	0	0	0	31.5	1535.821	0
87 HENRICO C 512 - NINE	387.4577	0	0	0	18.5406	332.5514	0
87 HENRICO C 513 - PLEA	1185.349	0	0	0	53.56174	1181.239	0
87 HENRICO C 514 - ROLF	1575.083	0	0	0	39.9	1547.36	0
87 HENRICO C 515 - SAND	479.3614	0	0	0	72.10234	370.3175	0
87 HENRICO C 516 - SULLI	1526.651	0	0	0	53.55	1412.032	0
87 HENRICO C 517 - TOWI	310.5946	0	0	0	42	262.2645	0
87 HENRICO C 518 - WHIT	725.4226	0	0	0	92.4	581.1781	0
89 HENRY COL 101 - BASSI	0	0	0	203.5943	15.60811	0	79.89744
89 HENRY COL 102 - GUN\	0	0	0	542.9183	5.202703	0	87.16084
89 HENRY COL 103 - SCOT	0	0	0	916.1746	11.44595	0	160.8325
89 HENRY COL 201 - FIELD	0	0	65.52	252.8628	0	0	72.63403
89 HENRY COL 202 - HORS	0	0	0	578.9072	16.64865	0	171.2088
89 HENRY COL 203 - HORS	49.17776	0	199.68	227.6427	2.153846	0	261.4825
89 HENRY COL 204 - SPEN	0	0	0	561.4268	12.48649	0	117.2521
89 HENRY COL 302 - AXTO	0	0	133.12	243.4589	0	0	161.8701

89 HENRY COI 303 - IRISBI	258.4448	0	0	458.6078	1	0	229.316
89 HENRY COI 304 - MOU	413.3024	0	0	493.0034	1	0	355.9068
89 HENRY COI 305 - MOU	0	0	101.92	273.7606	2.153846	0	107.9134
89 HENRY COI 401 - COLLI	0	0	69.68	371.98	2.153846	0	75.74692
89 HENRY COI 402 - DANI	0	0	125.84	310.3317	1.076923	0	105.8382
89 HENRY COI 404 - COLLI	0	0	166.4	646.7855	1.076923	0	172.2464
89 HENRY COI 405 - MOU	0	0	114.4	318.6908	1.076923	0	125.5531
89 HENRY COI 501 - BASSI	0	0	0	253.9788	15.60811	0	80.93506
89 HENRY COI 502 - FIGSE	0	0	88.4	436.7631	2.153846	0	89.2361
89 HENRY COI 503 - STAN	0	0	93.6	656.1895	1.076923	0	83.01032
89 HENRY COI 504 - OAK I	0	0	45.76	235.0998	0	0	49.80619
89 HENRY COI 505 - DYER	0	0	69.68	273.7606	1.076923	0	75.74692
89 HENRY COI 601 - FONT	141.2553	0	0	552.4139	0	0	140.0799
89 HENRY COI 602 - HILLC	85.79949	0	0	179.274	0	0	63.29537
89 HENRY COI 603 - RIDGI	162.182	0	0	590.9787	1	0	141.1175
89 HENRY COI 604 - RIDGI	131.8382	0	0	453.3963	0	0	107.9134
91 HIGHLAND 001 - MON	150	0	0	279	0	231	201
91 HIGHLAND 003 - WILSI	28	0	0	66	0	35	59
91 HIGHLAND 005 - BLUE	96	0	0	139	0	131	105
91 HIGHLAND 007 - MILL	56	0	0	92	0	77	71
91 HIGHLAND 008 - MCDI	70	0	0	207	0	134	146
91 HIGHLAND 010 - HEAD	16	0	0	65	0	26	53
93 ISLE OF WI 101 - SMITI	544.552	0	0	975.0249	0	571.0793	0
93 ISLE OF WI 102 - CYPR	466.3118	0	0	789.9459	0	489.3468	0
93 ISLE OF WI 201 - BART	566.4593	0	0	970.8891	1	586.7971	0
93 ISLE OF WI 202 - CARR	619.6627	0	0	851.9836	0	630.8068	0
93 ISLE OF WI 301 - RUSH	559.1569	0	0	502.5049	3	582.2516	0
93 ISLE OF WI 302 - PONS	665.5636	0	0	399.1088	1	802.2745	0
93 ISLE OF WI 401 - COUF	105.3635	0	0	340.1731	0	210.9608	0
93 ISLE OF WI 402 - WINC	271.2328	0	0	583.1538	0	355.2335	0
93 ISLE OF WI 403 - LONG	376.5963	0	0	490.0974	0	450.2021	0
93 ISLE OF WI 501 - WALI	124.1412	0	0	387.7352	0	118.6181	0
93 ISLE OF WI 502 - CAMI	128.314	0	0	108.5659	0	173.549	0
93 ISLE OF WI 503 - CARR	114.7523	0	0	224.3695	0	114.5278	0
93 ISLE OF WI 504 - ZUNI	155.4373	0	0	430.1276	0	164.8168	0
93 ISLE OF WI 505 - RAYN	83.45625	0	0	253.3204	0	140.5359	0
95 JAMES CITY 101 - BERK	1017.109	0	0	1056.055	3	979.141	0
95 JAMES CITY 102 - BERK	682.1244	0	21.62437	555.1188	0	676.7592	0
95 JAMES CITY 103 - BERK	1116.501	0	16.21827	1485.696	0	1134.209	0
95 JAMES CITY 104- BERKE	383.8981	0	0	277.6836	1	378.8079	0
95 JAMES CITY 201 - JAME	372.8665	0	0	231.5817	1	424.3384	0
95 JAMES CITY 202 - JAME	1000.813	0	15.13706	632.5772	0	1179.427	0
95 JAMES CITY 203 - JAME	749.7911	0	7.568528	683.1403	2.307692	741.0015	0
95 JAMES CITY 204 - JAME	1043.377	0	23.7868	1227.501	1.153846	1098.765	0
95 JAMES CITY 301 - POW	971.3451	0	14.05584	1189.848	0	1006.832	0
95 JAMES CITY 302 - POW	331.7853	0	11.8934	205.48	0	382.8617	0
95 JAMES CITY 303 - POW	245.5648	0	7.568528	477.6603	0	249.2157	0

95 JAMES CITY 304 - POW	970.2537	0	18.38071	629.3498	1.153846	1129.442	0
95 JAMES CITY 401 - STON	888.3988	0	29.19289	1008.035	3.461538	892.7462	0
95 JAMES CITY 402 - STON	1399.174	0	29.19289	1453.421	6.923077	1415.545	0
95 JAMES CITY 403 - STON	726.8717	0	18.38071	1024.173	0	721.0642	0
95 JAMES CITY 501 - ROBE	558.1966	0	0	214.4275	1	618.9598	0
95 JAMES CITY 502 - ROBE	907.8968	0	0	1197.577	0	822.9658	0
95 JAMES CITY 503 - ROBE	201.8774	0	0	105.0695	1	233.9711	0
95 JAMES CITY 504 - ROBE	1103.155	0	0	915.6053	0	1110.948	0
97 KING & QU 101 - OWEI	190.2727	0	0	268.56	1	258.0195	0
97 KING & QU 201 - CLAR	151.5909	0	0	340.6636	3	163.6221	0
97 KING & QU 301 - SHAC	159.9545	0	0	346.9335	2	195.0879	0
97 KING & QU 401 - COUF	228.9545	0	0	304.0893	0	242.2866	0
97 KING & QU 501 - OLDN	97.22727	0	0	342.7536	3	106.9837	0
99 KING GEOR 101 - COUF	482.9596	0	0	1024.682	0	469.9849	0
99 KING GEOR 102 - PASS	226.8282	0	0	487.5851	1	217.4961	0
99 KING GEOR 201 - MON	582.8074	0	0	1421.854	3	565.0526	0
99 KING GEOR 301 - DAHL	773.8206	0	0	1021.453	1	749.7604	0
99 KING GEOR 401 - SHILC	643.5843	0	0	1359.426	1	632.706	0
101 KING WILLI 101 - WEST	264.1788	0	0	745.0126	1	340.8851	0
101 KING WILLI 201 - SWEE	103.8212	0	0	312.9874	3	131.1891	0
101 KING WILLI 202 - COUF	274.9453	0	0	318.0839	172.819	304.7306	0
101 KING WILLI 301 - AYLE	241.6186	0	0	571.3157	310.4714	276.84	0
101 KING WILLI 401 - MAN	311.3964	0	0	612.4916	309.4667	370.8417	0
101 KING WILLI 501 - MAN	428.0398	0	0	634.1089	262.2429	454.5135	0
103 LANCASTER 101 - PREC	361.704	0	0	681.3461	0	358.8826	0
103 LANCASTER 201 - PREC	495.3064	0	0	384.2096	0	477.7895	0
103 LANCASTER 301 - PREC	261.7738	0	0	487.6087	2	259.4332	0
103 LANCASTER 302 - PREC	140.1196	0	0	272.1031	2	144.8502	0
103 LANCASTER 401 - PREC	503.996	0	0	338.4962	0	501.5709	0
103 LANCASTER 501 - PREC	417.1001	0	0	729.2363	1	393.4737	0
105 LEE COUNT 101 - ELYD	0	0	0	279.9302	2.165289	0	29.91453
105 LEE COUNT 102 - EWIN	0	0	0	328.0099	7.578512	0	22.4359
105 LEE COUNT 103 - ROSE	0	0	0	585.5029	9.743802	0	42.73504
105 LEE COUNT 201 - BLAC	0	0	0	80.1327	5.413223	0	21.36752
105 LEE COUNT 202 - FLAT	0	0	0	490.4121	10.82645	0	57.69231
105 LEE COUNT 203 - JONE	0	0	0	759.658	12.99174	0	87.60684
105 LEE COUNT 301 - BEN F	0	0	0	696.6203	22.73554	0	117.5214
105 LEE COUNT 302 - WOO	0	0	0	445.5378	10.82645	0	57.69231
105 LEE COUNT 401 - STICK	0	0	0	272.4512	5.413223	0	42.73504
105 LEE COUNT 402 - JASPE	0	0	0	134.6229	5.413223	0	23.50427
105 LEE COUNT 403 - SEMI	0	0	0	222.2347	3.247934	0	22.4359
105 LEE COUNT 404 - DRYD	0	0	0	484.0015	8.661157	0	72.64957
105 LEE COUNT 501 - SAINT	0	0	0	190.1816	5.413223	0	48.07692
105 LEE COUNT 502 - PENN	0	0	0	484.0015	14.07438	0	73.71795
105 LEE COUNT 503 - ROBE	0	0	0	72.65365	2.165289	0	10.68376
105 LEE COUNT 504 - KEOK	0	0	0	110.0489	4.330579	0	19.23077
107 LOUDOUN 107 - LITTL	914.9338	0	0	0	91.96262	766.6835	0

107 LOUDOUN 108 - MERC	695.786	0	0	471.7575	1.15	735.4123	0
107 LOUDOUN 112 - FREEI	604.2912	0	0	346.9427	0	646.9903	0
107 LOUDOUN 114 - DULL	758.6731	0	0	0	81.86916	677.1831	0
107 LOUDOUN 117 - CART	342.5735	0	0	122.6993	0	346.2975	0
107 LOUDOUN 118 - MOO	985.7324	0	0	0	71.24244	881.3701	0
107 LOUDOUN 119 - ARCC	587.2689	0	0	363.8668	1.15	616.7974	0
107 LOUDOUN 120 - LUNS	825.5809	0	0	509.8366	4.6	883.1417	0
107 LOUDOUN 121 - TOWI	500.0297	0	0	328.9609	1.15	532.6887	0
107 LOUDOUN 122 - HUTC	774.514	0	0	594.4567	0	857.2621	0
107 LOUDOUN 123 - CARD	574.3931	0	0	0	66.16822	502.4958	0
107 LOUDOUN 124 - LIBER	540.4576	0	0	345.885	0	576.8997	0
107 LOUDOUN 125 - ROCK	760.6834	0	0	258.0915	1.15	751.38	0
107 LOUDOUN 126-GOSHE	777.7057	0	0	447.4292	2.3	802.2679	0
107 LOUDOUN 207 - RIVEF	579.1244	0	0	395.3614	0	572.8872	0
107 LOUDOUN 208 - ALGO	619.5725	0	0	0	63.57018	518.3774	0
107 LOUDOUN 209 - POTC	820.4262	0	0	518.9118	0	926.4851	0
107 LOUDOUN 210 - CASC	879.8394	0	0	520.4141	1.15	888.1889	0
107 LOUDOUN 213 - COUN	295.7622	0	0	188.2799	1.15	299.2694	0
107 LOUDOUN 214 - SUGA	970.5695	0	0	718.7412	0	1122.947	0
107 LOUDOUN 215 - SUGA	860.1069	0	0	525.3579	3.3	999.4874	0
107 LOUDOUN 216 - LOWI	741.0647	0	0	540.3988	2.2	823.423	0
107 LOUDOUN 217 - SOUT	915.8745	0	0	597.3395	2.2	1031.694	0
107 LOUDOUN 218 - UNIV	610.9823	0	0	0	46.03358	553.6484	0
107 LOUDOUN 219 - GALIL	668.9665	0	0	0	72.33848	575.0248	0
107 LOUDOUN 301 - PURC	841.7049	0	0	892.4962	5.192308	845.4006	0
107 LOUDOUN 302 - ROUN	603.0772	0	0	861.6103	4.153846	602.7793	0
107 LOUDOUN 303 - HILLS	595.4845	0	0	750.8471	2.076923	598.466	0
107 LOUDOUN 305 - PHILC	302.1936	0	0	397.7105	0	306.2421	0
107 LOUDOUN 307 - MIDC	386.3762	0	0	321.1863	0	351.0602	0
107 LOUDOUN 308 - ST LO	418.7541	0	0	367.5319	0	377.8997	0
107 LOUDOUN 309 - ALDIE	251.4683	0	0	303.9414	0	234.0401	0
107 LOUDOUN 310 - MOU	785.302	0	0	940.4227	2.076923	780.7016	0
107 LOUDOUN 311 - ROUN	578.1298	0	0	922.3171	1.038462	590.9178	0
107 LOUDOUN 312 - BRIAF	983.2086	0	0	508.7246	1.058824	986.6602	0
107 LOUDOUN 313 - PINEE	885.1589	0	0	585.9947	0	938.1359	0
107 LOUDOUN 314 - LEGA	791.5363	0	0	386.0796	0	774.894	0
107 LOUDOUN 315 - FIREH	207.1722	0	0	308.8591	1.038462	203.8019	0
107 LOUDOUN 316 - CREIC	1003.715	0	0	510.8802	1.058824	997.2085	0
107 LOUDOUN 318 - MADL	793.2583	0	0	848.2335	1.058824	802.2679	0
107 LOUDOUN 319 - JOHN	1062.829	0	0	631.4781	2.3	1085.865	0
107 LOUDOUN 320 - STON	1135.174	0	0	360.6935	0	1128.673	0
107 LOUDOUN 321 - BRAN	590.3569	0	0	285.6187	0	583.5754	0
107 LOUDOUN 322-BUFFA	619.1857	0	0	312.0369	1.15	640.5204	0
107 LOUDOUN 401 - WEST	812.4187	0	0	1070.356	2.076923	787.1715	0
107 LOUDOUN 402 - WATI	731.0684	0	0	930.8374	3.115385	712.7676	0
107 LOUDOUN 403 - LUCK	826.5195	0	0	921.2521	1.038462	824.9126	0
107 LOUDOUN 407 - HARP	494.3025	0	0	402.0217	0	490.5881	0

107 LOUDOUN 408 - EVER	828.874	0	0	745.8419	2.117647	842.1657	0
107 LOUDOUN 409 - CLAR	641.0407	0	0	994.7393	1.038462	643.7553	0
107 LOUDOUN 411 - EAST	547.759	0	0	762.5624	0	525.1404	0
107 LOUDOUN 413 - TUSC	31.45547	0	0	37.2761	0	30.99576	0
107 LOUDOUN 414 - RED F	472.7172	0	0	335.1977	1.058824	471.3493	0
107 LOUDOUN 416 - HAMI	919.8012	0	0	1124.673	2.076923	900.3948	0
107 LOUDOUN 420 - RIVEF	619.497	0	0	726.4414	2.117647	625.2593	0
107 LOUDOUN 421 - BETM	62.91093	0	0	128.8688	1.038462	59.30744	0
107 LOUDOUN 422 - SYCO	501.8573	0	0	644.5281	1.058824	518.6705	0
107 LOUDOUN 501 - WEST	862.3312	0	0	668.2399	0	863.606	0
107 LOUDOUN 502 - EAST	947.5929	0	0	408.4886	2.117647	933.0793	0
107 LOUDOUN 503 - DRY N	430.626	0	0	357.8317	0	427.5277	0
107 LOUDOUN 504 - SMAF	919.5321	0	0	684.407	1.058824	908.4964	0
107 LOUDOUN 505 - COOL	870.9653	0	0	773.8649	3.176471	888.5333	0
107 LOUDOUN 506 - BRAN	501.8573	0	0	261.9069	1.058824	497.001	0
107 LOUDOUN 507 - GREE	425.1911	0	0	379.1512	0	413.6331	0
107 LOUDOUN 508 - BALLS	809.1647	0	0	599.6126	0	794.1328	0
107 LOUDOUN 509 - TOLB	1033.934	0	0	529.2029	1.058824	1024.998	0
107 LOUDOUN 510 - HERIT	445.7999	0	0	444.1181	1.038462	446.4233	0
107 LOUDOUN 615 - HILLS	897.6822	0	0	0	69.05037	786.0932	0
107 LOUDOUN 616 - EAGL	1008.282	0	0	0	56.99396	907.943	0
107 LOUDOUN 617 - OAK C	331.9346	0	0	85.67793	0	345.2286	0
107 LOUDOUN 619 - RIDGI	346.8291	0	0	125.8725	0	361.2609	0
107 LOUDOUN 620 - RUSS	1182.235	0	0	0	94.25923	1042.733	0
107 LOUDOUN 621 - DOM	1198.341	0	0	0	108.5077	1081.552	0
107 LOUDOUN 622 - FARM	1089.889	0	0	0	66.85829	968.3503	0
107 LOUDOUN 623 - WELL	1448.533	0	0	0	89.87508	1281.041	0
107 LOUDOUN 625 - MILL	434.8819	0	0	0	43.8415	352.6097	0
107 LOUDOUN 626 - ASHB	714.0654	0	0	0	35.0732	581.4377	0
107 LOUDOUN 627 - ASHB	315.6921	0	0	0	23.01679	280.3624	0
107 LOUDOUN 628 - MOO	925.6005	0	0	0	52.60981	817.6468	0
107 LOUDOUN 629 - DISC	179.7979	0	0	108.9485	0	179.5617	0
107 LOUDOUN 701 - SULLY	691.2583	0	0	0	94.11765	655.1863	0
107 LOUDOUN 702 - PARK	552.1604	0	0	390.3106	3.45	589.9883	0
107 LOUDOUN 703 - ROLL	823.4531	0	0	287.7086	1.15	849.7114	0
107 LOUDOUN 705 - FORE	898.7417	0	0	0	105.8824	829.4038	0
107 LOUDOUN 707 - CLAU	602.1634	0	0	295.1129	0	613.5023	0
107 LOUDOUN 708 - SENE	648.8338	0	0	431.8893	3.3	699.9632	0
107 LOUDOUN 709 - MIRR	730.8944	0	0	398.7726	1.15	752.4488	0
107 LOUDOUN 710 - STER	489.3907	0	0	360.6935	0	502.3451	0
107 LOUDOUN 808 - STON	1177.939	0	0	0	101.9315	996.365	0
107 LOUDOUN 810 - CEDA	982.511	0	0	0	73.43452	885.2983	0
107 LOUDOUN 813 - SELDI	703.3276	0	0	0	64.66622	630.6034	0
107 LOUDOUN 814 - NEW	885.8706	0	0	0	99.73942	773.1534	0
107 LOUDOUN 815 - BELM	1090.963	0	0	0	60.28207	943.7675	0
107 LOUDOUN 817 - SAND	1192.972	0	0	0	123.8522	1006.07	0
107 LOUDOUN 818 - BROA	768.8283	0	0	0	64.66622	648.0686	0

107 LOUDOUN 819 - HERIT	740.9099	0	0	0	81.10678	662.0867	0
107 LOUDOUN 820 - BELM	818.2223	0	0	0	69.05037	708.4543	0
107 LOUDOUN 822 - RIVEF	552.5827	0	0	432.2003	0	550.442	0
109 LOUISA CO 101 - ZION	661.5561	0	0	837.2439	1	672.9713	0
109 LOUISA CO 102 - MECH	260.3196	0	0	435.5788	4	257.0902	0
109 LOUISA CO 201 - LOUI	315.1804	0	0	578.6521	1	320.8226	0
109 LOUISA CO 202 - LOUI	275.3794	0	0	493.8679	2	276.534	0
109 LOUISA CO 301 - PATR	803.5486	0	0	713.247	1	795.0351	0
109 LOUISA CO 302 - PATR	164.5822	0	0	242.6947	2	162.0316	0
109 LOUISA CO 401 - MINE	413.0692	0	0	963.3604	1	416.9614	0
109 LOUISA CO 402 - YANC	195.7019	0	0	226.6773	1	192.2486	0
109 LOUISA CO 501 - FRED	221.5944	0	0	223.6183	3	217.1224	0
109 LOUISA CO 502 - CUCK	200.0804	0	0	469.4925	0	201.9994	0
109 LOUISA CO 503 - ELK C	157.0523	0	0	462.0738	0	148.0277	0
109 LOUISA CO 601 - BUMI	168.885	0	0	619.9844	1	159.7949	0
109 LOUISA CO 602 - LOCU	264.6224	0	0	720.6656	0	250.2051	0
109 LOUISA CO 701 - SHEL	263.3953	0	0	682.4164	0	247.0513	0
109 LOUISA CO 702 - SOUT	248.0327	0	0	511.4269	0	233.1046	0
111 LUNENBUR 101 - PLYM	84.23333	0	0	340.4112	0	95.4112	0
111 LUNENBUR 201 - BROV	123.0399	0	0	309.1455	0	115.6159	0
111 LUNENBUR 301 - ROSE	71.71844	0	0	234.966	0	43.7769	0
111 LUNENBUR 302 - FLAT	83.28546	0	0	183.3116	0	89.79878	0
111 LUNENBUR 401 - ARRC	36.575	0	0	167.587	0	38.16448	0
111 LUNENBUR 402 - PLEA	90.88333	0	0	254.5228	0	89.79878	0
111 LUNENBUR 501 - REED	135.2167	0	0	131.9748	0	139.1881	0
111 LUNENBUR 502 - PEOP	193.1216	0	0	139.3597	1	203.1697	0
111 LUNENBUR 601 - HOU	326.1617	0	0	193.073	0	280.6212	0
111 LUNENBUR 701 - MEHI	87.55833	0	0	124.6429	0	86.43132	0
111 LUNENBUR 702 - VICT	102.2062	0	0	198.0057	0	101.0236	0
113 MADISON (001 - OAK I	283.2392	0	0	0	311.6216	243.45	0
113 MADISON (002 - RAD	353.2288	0	0	0	481.7905	308.1507	0
113 MADISON (003 - ROCH	153.1023	0	0	0	271.2066	125.0149	0
113 MADISON (004 - GRAV	13.12305	0	0	0	36.16087	10.96622	0
113 MADISON (005 - MAD	371.8198	0	0	0	579.6375	307.0541	0
113 MADISON (006 - WOLI	184.8163	0	0	0	346.719	165.5899	0
113 MADISON (007 - BRIG	270.1161	0	0	0	674.2939	248.9331	0
113 MADISON (008 - CRIG	169.5061	0	0	0	315.8759	137.0777	0
113 MADISON (009 - ETLA	94.04853	0	0	0	195.6941	76.76351	0
115 MATHEWS 001 - CHES	238.4026	0	0	647.5592	0	281.1761	0
115 MATHEWS 002 - WEST	393.9318	0	0	917.0959	1.333333	474.6981	0
115 MATHEWS 003 - PIAN	433.6656	0	0	1023.345	2.666667	511.1258	0
117 MECKLENB 101 - WRIG	107.0474	0	0	157.4126	1	117.3476	0
117 MECKLENB 102 - PEAR	36.03577	0	0	75.05768	1	37.0015	0
117 MECKLENB 103 - SOUT	197.1369	0	0	247.0649	1	196.6366	0
117 MECKLENB 201 - BOYD	103.8678	0	0	148.0304	2	116.2904	0
117 MECKLENB 202 - BLUE	60.41291	0	0	45.86858	0	60.25959	0
117 MECKLENB 203 - CHAS	152.6221	0	0	74.01521	0	153.2919	0

117 MECKLENB 301 - BRAC	129.3048	0	0	431.5817	1	131.091	0
117 MECKLENB 302 - LACR	118.7061	0	0	231.4278	0	121.5764	0
117 MECKLENB 401 - AMEF	439.8484	0	0	274.169	1	449.304	0
117 MECKLENB 402 - PARK	72.07154	0	0	55.25079	1	74.00301	0
117 MECKLENB 501 - SOUT	276.6275	0	0	566.06	0	289.6689	0
117 MECKLENB 601 - BASK	127.1851	0	0	230.3854	1	134.2626	0
117 MECKLENB 602 - UNIO	22.25739	0	0	192.8565	0	24.31527	0
117 MECKLENB 603 - SMIT	49.81415	0	0	100.0769	1	50.74492	0
117 MECKLENB 604 - LAKE	59.35303	0	0	142.8181	0	62.37397	0
117 MECKLENB 701 - CHAS	128.2449	0	0	243.9375	0	132.1482	0
117 MECKLENB 702 - SUNS	112.3468	0	0	212.6634	0	120.5192	0
117 MECKLENB 801 - FINCH	41.33515	0	0	89.65223	0	44.40181	0
117 MECKLENB 802 - BLUE	117.6462	0	0	390.9254	0	120.5192	0
117 MECKLENB 803 - CHAS	107.0474	0	0	211.621	1	116.2904	0
117 MECKLENB 901 - AVER	8.479005	0	0	88.60976	1	11.62904	0
117 MECKLENB 902 - BUFF	40.27527	0	0	174.0921	0	40.17306	0
117 MECKLENB 903 - CLAR	218.3344	0	0	550.423	1	206.1512	0
119 MIDDLESEY 101 - SALU	90.94545	0	0	218.7378	0	112.2718	0
119 MIDDLESEY 102 - URBA	143.0727	0	0	426.9086	0	167.307	0
119 MIDDLESEY 201 - NEW	244	0	0	830.5697	0	260.8669	0
119 MIDDLESEY 302 - CHUF	305	0	0	520.9553	1	348.9232	0
119 MIDDLESEY 401 - HARM	313.8727	0	0	486.0841	0	344.5204	0
119 MIDDLESEY 501 - WILT	306.1091	0	0	684.7445	1	329.1106	0
121 MONTGOM 101 - PREC	797.6648	0	0	509.3694	0	862.02	409.1619
121 MONTGOM 102 - PREC	899.3416	0	0	198.4273	1	894.4504	182.3101
121 MONTGOM 103 - PREC	1348.488	0	0	473.7322	3	1357.183	353.2259
121 MONTGOM 201 - PREC	84.9806	0	0	70.63505	1	92.06039	61.11532
121 MONTGOM 202 - PREC	614.8006	0	0	621.6637	2	746.9445	467.1697
121 MONTGOM 203 - PREC	369.8208	0	0	497.518	4	439.4458	235.1386
121 MONTGOM 204 - PREC	731.2676	0	0	834.659	0	835.1852	335.6164
121 MONTGOM 301 - PREC	228.3364	0	0	656.9955	0	221.7988	0
121 MONTGOM 302 - PREC	290.8451	0	0	709.5118	0	333.7347	0
121 MONTGOM 303 - PREC	116.1079	0	0	234.6605	0	129.3142	134.6609
121 MONTGOM 304 - PREC	380.7789	0	0	584.1149	0	448.3289	356.3334
121 MONTGOM 401 - PREC	244.1021	0	0	428.1894	1	258.0743	0
121 MONTGOM 402 - PREC	269.0317	0	0	782.9453	0	287.0948	0
121 MONTGOM 403 - PREC	189.06	0	0	520.249	0	207.2886	0
121 MONTGOM 404 - PREC	103.8732	0	0	334.0704	1	102.6079	0
121 MONTGOM 405 - PREC	384.331	0	0	670.2094	1	448.415	203.0272
121 MONTGOM 501 - PREC	594.2083	0	0	441.6349	4	688.3606	318.0069
121 MONTGOM 502 - PREC	356.8016	0	0	467.7813	1	424.7332	370.8354
121 MONTGOM 503 - PREC	312.068	0	0	86.9159	0	329.5343	72.50971
121 MONTGOM 601 - PREC	1128.112	0	0	311.6659	0	1123.555	277.6086
121 MONTGOM 602 - PREC	966.493	0	0	234.7791	0	953.0343	224.7801
121 MONTGOM 603 - PREC	123.83	0	0	46.74989	0	115.0755	56.97191
121 MONTGOM 701 - PREC	1347.928	0	0	411.1669	1	1364.168	361.5127
121 MONTGOM 702 - PREC	567.7291	0	0	116.3553	0	557.593	116.0155

125 NELSON CC 101 - ROCK	691.8561	0	0	578.4489	0	738.5309	493.4679
125 NELSON CC 201 - LOVIN	322.1809	0	0	370.4149	0	377.167	302.7156
125 NELSON CC 202 - SCHU	216.5307	0	0	171.2782	1	249.6887	132.6972
125 NELSON CC 301 - SHIPN	444.5679	0	0	475.6582	0	523.6089	380.4679
125 NELSON CC 302 - GLAD	52.3021	0	0	90.79809	0	73.74773	61.16514
125 NELSON CC 401 - ROSE	429.3546	0	0	618.9507	0	536.2514	479.9908
125 NELSON CC 402 - MON	36.13381	0	0	47.77136	0	35.82033	47.68807
125 NELSON CC 501 - FABE	259.4184	0	0	189.8506	0	264.4383	178.3119
125 NELSON CC 502 - NELL	637.6554	0	0	480.8291	0	683.7468	409.4954
127 NEW KENT 102 - TUNS	77.33159	0	0	215.4324	157.1486	108.1561	0
127 NEW KENT 103 - SOUT	262.7155	0	0	679.6007	338.2337	344.6151	0
127 NEW KENT 201 - QUIN	381.3613	0	0	517.2459	309.0936	448.5298	0
127 NEW KENT 202 - KENT	140.8918	0	0	404.8464	189.4109	196.1655	0
127 NEW KENT 301 - WATI	358.0558	0	0	326.7912	195.6552	400.8139	0
127 NEW KENT 302 - CUMI	287.0803	0	0	446.4758	174.8408	319.1666	0
127 NEW KENT 401 - PROV	408.904	0	0	538.0606	300.7678	502.6079	0
127 NEW KENT 403 - MOU	137.7138	0	0	224.799	110.3162	185.562	0
127 NEW KENT 501 - ELTH	192.7993	0	0	334.0763	81.1761	218.433	0
127 NEW KENT 502 - CHIC	181.1466	0	0	553.6717	111.357	209.9501	0
131 NORTHAM 101 - PREC	533.8563	0	0	617.3786	0	647.4961	0
131 NORTHAM 201 - PREC	488.2832	0	0	316.3791	0	582.0925	0
131 NORTHAM 301 - PREC	424.2639	0	0	291.1127	0	485.0771	0
131 NORTHAM 401 - PREC	380.8609	0	0	589.9151	2	557.0211	0
131 NORTHAM 501 - PREC	302.7356	0	0	515.2145	0	415.3132	0
133 NORTHUM 101 - 1A	309.9247	0	0	594.9856	0	307.6893	0
133 NORTHUM 201 - 2A	368.2381	0	0	762.5266	2	362.557	0
133 NORTHUM 301 - 3A	607.9708	0	0	255.6075	0	584.1794	0
133 NORTHUM 401 - 4A	448.149	0	0	926.8458	2	426.0314	0
133 NORTHUM 501 - 5A	374.7174	0	0	886.0345	0	376.5429	0
135 NOTTOWA 101 - PREC	159.2359	0	0	371.8212	0	167.6518	0
135 NOTTOWA 102 - PREC	122.9002	0	0	295.1131	0	131.5748	0
135 NOTTOWA 201 - PREC	210.5334	0	0	435.7446	2.285714	216.4618	0
135 NOTTOWA 202 - PREC	69.46533	0	0	271.6745	0	72.15394	0
135 NOTTOWA 301 - PREC	250.0752	0	0	205.6203	0	256.7831	0
135 NOTTOWA 302 - PREC	99.38885	0	0	232.2551	0	102.9255	0
135 NOTTOWA 401 - PREC	289.617	0	0	150.22	2.285714	315.1429	0
135 NOTTOWA 402 - PREC	119.6941	0	0	352.6441	0	123.0861	0
135 NOTTOWA 501 - PREC	328.0901	0	0	633.9072	3.428571	351.2199	0
137 ORANGE C\101 - ONE	531.5848	0	0	0	661.5434	489.1491	0
137 ORANGE C\102 - ONE	561.176	0	0	0	583.2851	524.0129	0
137 ORANGE C\201 - TWO	385.7424	0	0	0	773.1919	357.0894	0
137 ORANGE C\202 - TWO	272.6618	0	0	0	677.195	234.538	0
137 ORANGE C\301 - THRE	666.8588	0	0	0	723.1065	635.9995	0
137 ORANGE C\302 - THRE	164.8653	0	0	0	303.6421	160.5846	0
137 ORANGE C\401 - FOUR	299.0825	0	0	0	800.3214	265.1759	0
137 ORANGE C\402 - FOUR	469.2319	0	0	0	575.981	418.3651	0
137 ORANGE C\501 - FIVE	599.2218	0	0	0	686.586	557.8202	0

137	ORANGE C	502 - FIVE I	661.5747	0	0	0	796.1476	622.2653	0
139	PAGE COUI	101 - WEST	436.0142	0	0	987.1009	4	437.6755	0
139	PAGE COUI	201 - EAST	444.5426	0	0	1153.175	3	465.363	0
139	PAGE COUI	301 - MARI	332.6074	0	0	1420.969	3	340.7692	0
139	PAGE COUI	401 - NEWI	262.2481	0	0	1025.505	2	266.226	0
139	PAGE COUI	501 - SHEN	251.5877	0	0	1155.251	1	261.9663	0
141	PATRICK C	101 - ARAR	0	0	0	160.1409	3.235294	0	33.55066
141	PATRICK C	102 - CLAU	0	0	0	206.9353	3.235294	0	34.59912
141	PATRICK C	103 - WILLI	0	0	0	179.8985	2.156863	0	24.11454
141	PATRICK C	201 - DRY F	0	0	0	169.4997	6.470588	0	25.163
141	PATRICK C	202 - PATR	0	0	0	499.1403	8.627451	0	69.19824
141	PATRICK C	203 - RUSS	0	0	0	362.9166	6.470588	0	60.81057
141	PATRICK C	301 - CRITZ	0	0	0	481.4625	14.01961	0	96.45815
141	PATRICK C	302 - LIBER	0	0	0	362.9166	16.17647	0	47.18062
141	PATRICK C	401 - MEAI	0	0	0	326.521	14.01961	0	115.3304
141	PATRICK C	402 - STUA	0	0	0	510.579	11.86275	0	84.92511
141	PATRICK C	501 - STUA	0	0	0	179.8985	4.313725	0	26.21145
141	PATRICK C	502 - ELAM	0	0	0	245.4107	9.705882	0	39.84141
141	PATRICK C	503 - WOO	0	0	0	330.6805	9.705882	0	56.61674
143	PITTSYLVAI	103 - TWIN	0	0	165.8423	1179.79	2.040816	194.0789	0
143	PITTSYLVAI	105 - CHAT	0	0	72.42482	415.3607	2.040816	0	93.56604
143	PITTSYLVAI	106 - TUNS	0	0	94.46715	438.1486	1.020408	110.1529	0
143	PITTSYLVAI	108 - WEST	0	0	69.27591	252.7382	0	84.97508	0
143	PITTSYLVAI	201 - CALL	0	0	81.87153	405.0026	1.020408	109.1038	0
143	PITTSYLVAI	202 - BEARS	0	0	38.8365	105.6529	0	50.35561	0
143	PITTSYLVAI	204 - SAND	0	0	57.72993	271.3828	0	84.97508	0
143	PITTSYLVAI	206 - CLIM	0	0	51.43212	312.8153	1.020408	62.94451	0
143	PITTSYLVAI	207 - GRET	0	0	168.9912	698.1375	1.020408	144.7724	33.33962
143	PITTSYLVAI	301 - CENT	0	0	150.0978	200.9476	2.040816	71.33711	124.7547
143	PITTSYLVAI	305 - RICEV	0	0	128.0555	256.8815	1.020408	7.343526	151.6415
143	PITTSYLVAI	307 - EAST	19.63233	0	143.8	143.8285	29.59184	5.245376	173.1509
143	PITTSYLVAI	308 - MT A	0	0	76.62336	127.4049	0	46.15931	60.22642
143	PITTSYLVAI	309 - EAST	0	0	83.9708	169.8732	0	4.1963	96.79245
143	PITTSYLVAI	402 - KEELI	78.52932	0	1.049635	434.0947	1	78.68063	1.075472
143	PITTSYLVAI	404 - KENT	169.458	0	0	789.134	0	83.92601	72.0566
143	PITTSYLVAI	405 - RING	256.2536	0	0	762.5914	5	188.8335	64.5283
143	PITTSYLVAI	501 - HURT	0	0	193.1328	554.1596	3.061224	234.9928	0
143	PITTSYLVAI	502 - MOTI	0	0	183.6861	591.4488	0	236.0419	0
143	PITTSYLVAI	503 - RENA	0	0	88.16934	326.2809	1.020408	91.26954	15.0566
143	PITTSYLVAI	603 - STON	133.2932	0	0	553.3126	2	146.8705	0
143	PITTSYLVAI	604 - SWAI	0	0	128.0555	356.3194	2.040816	153.165	0
143	PITTSYLVAI	605 - WHIT	0	0	92.36788	426.7547	1.020408	122.7418	0
143	PITTSYLVAI	606 - BROS	224.2219	0	0	307.2825	0	0	208.6415
143	PITTSYLVAI	607 - DRY F	0	0	27.29051	239.2726	2.040816	44.06116	0
143	PITTSYLVAI	702 - BACH	99.19493	0	0	696.2347	1	28.32503	67.75472
143	PITTSYLVAI	703 - FERR	32.0317	0	0	108.2124	0	0	33.33962
143	PITTSYLVAI	704 - MT H	291.3851	0	0	776.1466	2	304.2318	1.075472

143	PITTSYLVANIA 705 - MT C	0	0	59.8292	427.7905	0	90.22046	0
145	POWHATA 101 - SUBL	303.7506	0	0	1145.845	0	334.9758	0
145	POWHATA 102 - MAN	269.2824	0	0	831.3201	0	275.7357	0
145	POWHATA 103 - FLAT	158.3381	0	0	613.1648	0	158.3326	0
145	POWHATA 201 - POW	159.4152	0	0	889.5655	1.1	168.0264	0
145	POWHATA 202 - GRAC	280.0537	0	0	1053.712	0	276.8128	0
145	POWHATA 301 - BETH	256.3569	0	0	929.8077	2.2	284.3524	0
145	POWHATA 302 - LEE'S	228.3515	0	0	822.8481	1.1	239.1145	0
145	POWHATA 401 - POW	348.99	0	0	1539.796	0	356.5176	0
145	POWHATA 402 - MT ZI	151.8753	0	0	539.0343	5.5	160.4868	0
145	POWHATA 501 - SMIT	373.764	0	0	692.5903	0	383.4449	0
145	POWHATA 502 - PINE	190.652	0	0	410.8945	1.1	197.1079	0
145	POWHATA 503 - TOBA	86.17038	0	0	402.4225	0	99.09251	0
147	PRINCE ED 101 - FARM	339.1563	0	0	369.2807	1	329.6328	0
147	PRINCE ED 201 - LOCK	417.9077	0	0	587.492	2	427.2629	0
147	PRINCE ED 301 - LEIG	278.2551	0	0	285.3533	1	289.741	0
147	PRINCE ED 302 - MT P	181.6534	0	0	127.9893	1	181.613	0
147	PRINCE ED 401 - HAM	276.1551	0	0	339.9061	0	279.2431	0
147	PRINCE ED 501 - DARL	143.8527	0	0	273.8132	0	149.0696	0
147	PRINCE ED 502 - BUFF	96.60178	0	0	161.5603	0	98.67989	0
147	PRINCE ED 601 - PROS	451.5083	0	0	419.6371	1	431.4621	0
147	PRINCE ED 701 - WEST	310.8057	0	0	308.4333	1	303.3882	0
147	PRINCE ED 801 - CENT	212.1039	0	0	75.53469	0	208.9074	0
149	PRINCE GE 101 - RICH	255.1785	9	0	446.9454	2	264.5964	0
149	PRINCE GE 102 - TEMF	383.1849	0	0	1345.023	1	420.5577	0
149	PRINCE GE 103 - UNIO	426.4647	0	0	613.3724	3	477.068	494.1661
149	PRINCE GE 104 - RIVES	344.1274	0	0	299.3592	1	345.9259	256.9664
149	PRINCE GE 105 - HARR	85.50406	0	0	333.9007	0	84.97202	0
149	PRINCE GE 201 - BLAN	517.2468	0	0	999.6087	3	570.0655	0
149	PRINCE GE 202 - BLAC	323.0153	0	0	716.9968	1	329.1321	0
149	PRINCE GE 203 - BRAN	133.0063	0	0	334.9474	0	137.6762	0
149	PRINCE GE 204 - COUF	646.0307	0	0	618.606	1	605.1122	573.2327
149	PRINCE GE 205 - JEFFE	458.2414	0	0	240.2401	1	439.8939	222.6348
153	PRINCE WI 101 - BREN	392.0404	0	0	1045.245	2.266667	397.465	0
153	PRINCE WI 102 - CEDA	976.2274	0	0	956.5364	6.2	1134.058	0
153	PRINCE WI 103 - GLEN	656.2457	0	0	771.6963	3.225	684.5106	0
153	PRINCE WI 104 - NOKE	623.9044	0	0	962.1644	1.133333	670.3985	0
153	PRINCE WI 105 - LIME	1010.126	0	0	924.6757	7.525	1054.67	0
153	PRINCE WI 106 - WEST	537.8991	0	0	204.3409	2.066667	580.7938	0
153	PRINCE WI 107 - MAR	1071.469	0	0	1001.823	5.166667	1365.212	0
153	PRINCE WI 108 - VICT	1071.469	0	0	849.3955	6.2	1241.085	0
153	PRINCE WI 109 - CHRIS	883.1503	0	0	609.7091	3.1	961.8252	0
153	PRINCE WI 110 - BUCK	614.8103	0	0	576.7891	2.15	666.6558	0
153	PRINCE WI 111 - BRIST	432.9168	0	0	432.9818	0	471.5264	0
153	PRINCE WI 112 - BURK	855.5831	0	0	787.5608	0	873.0244	0
153	PRINCE WI 114 - PINE	598.5075	0	0	620.7545	4.133333	659.4536	0
153	PRINCE WI 201 - SAUN	763.0099	0	0	357.3157	3.315789	860.355	0

153 PRINCE WI 202 - MAR'	775.12	0	0	922.8694	2.266667	766.956	0
153 PRINCE WI 203 - BENN	843.447	0	0	874.5928	2.266667	862.5341	0
153 PRINCE WI 204 - ELLIS	569.6089	0	0	492.4799	6.283333	708.6551	0
153 PRINCE WI 205 - BUCK	921.8551	0	0	840.9115	3.4	1062.983	0
153 PRINCE WI 206 - COLE	558.9377	0	0	748.8491	0	579.8455	0
153 PRINCE WI 207 - SPRIG	1079.461	0	0	728.924	7.736842	1289.439	0
153 PRINCE WI 208 - HYLTI	435.5331	0	0	715.7308	0	456.91	0
153 PRINCE WI 209 - INDEI	381.505	0	0	772.9013	2.210526	386.9748	0
153 PRINCE WI 210 - PENN	699.9323	0	0	860.3055	1.133333	862.5221	0
153 PRINCE WI 211 - SIGN	708.8797	0	0	710.5045	2.15	766.8336	0
153 PRINCE WI 212 - YORK	929.4947	0	0	606.2518	5.375	1030.654	0
153 PRINCE WI 213 - SARA	566.7444	0	0	315.5372	4.421053	665.3123	0
153 PRINCE WI 214 - LUCA	342.7554	0	0	617.4917	1.133333	352.0072	0
153 PRINCE WI 215 - ROSA	779.5492	0	0	381.5032	4.421053	905.8649	0
153 PRINCE WI 301 - DUM	578.7219	0	0	253.4154	3.654545	681.8729	0
153 PRINCE WI 302 - POTC	712.1076	0	0	142.4782	4.872727	768.2515	0
153 PRINCE WI 303 - GRAF	445.3362	0	0	164.2306	3.654545	499.3845	0
153 PRINCE WI 304 - QUAI	65.30699	0	0	64.7901	0	85.23412	0
153 PRINCE WI 305 - PATT	723.3158	0	0	653.0631	1.105263	911.3494	0
153 PRINCE WI 306 - WASI	931.7101	0	0	699.2393	1.105263	1132.084	0
153 PRINCE WI 307 - HENC	693.5452	0	0	705.8359	1.105263	887.309	0
153 PRINCE WI 308 - MON	452.0724	0	0	454.0658	3.315789	596.6388	0
153 PRINCE WI 309 - ASHL	602.0281	0	0	527.7278	1.105263	770.3853	0
153 PRINCE WI 310 - FORE	797.191	0	0	367.2106	3.315789	889.7859	0
153 PRINCE WI 311 - SWAI	1459.237	0	0	389.8387	3.157895	1566.886	0
153 PRINCE WI 312 - TRIA	866.1885	0	0	364.7733	7.309091	988.9343	0
153 PRINCE WI 313 - CARD	635.7335	0	0	299.0954	2.436364	716.8408	0
153 PRINCE WI 314 - CABI	652.7484	0	0	432.0771	1.105263	770.3853	0
153 PRINCE WI 315 - WILLI	456.0931	0	0	94.6229	2.436364	497.3589	0
153 PRINCE WI 401 - EVER	670.7684	0	0	957.974	1.25	592.1804	0
153 PRINCE WI 402 - BATT	701.2588	0	0	1168.124	1.166667	681.0937	0
153 PRINCE WI 403 - BULL	703.1318	0	0	575.7966	2.241667	693.5801	0
153 PRINCE WI 404 - BEN I	685.3624	0	0	292.3607	3.225	706.9044	0
153 PRINCE WI 405 - UNIT	907.0972	0	0	421.5433	4.3	966.7206	0
153 PRINCE WI 406 - ALVE	396.8491	0	0	485.4519	0	345.0136	0
153 PRINCE WI 407 - HERIT	857.8228	0	0	1116.183	3.225	895.2168	0
153 PRINCE WI 408 - SUDL	508.5652	0	0	425.6465	1.075	602.4652	0
153 PRINCE WI 409 - TYLEF	776.0721	0	0	607.385	4.3	813.2389	0
153 PRINCE WI 410 - MOU	859.6466	0	0	904.2365	1.166667	792.5989	0
153 PRINCE WI 411 - MULL	759.274	0	0	254.9657	2.15	790.4332	0
153 PRINCE WI 412 - CATH	401.4102	0	0	757.7672	1.166667	404.3282	0
153 PRINCE WI 413 - REAG	958.2914	0	0	989.6137	6.083333	878.8523	0
153 PRINCE WI 501 - LAKE	836.7263	0	0	501.8524	2.266667	839.7896	0
153 PRINCE WI 502 - OCCO	482.9854	0	0	268.642	3.654545	552.929	0
153 PRINCE WI 503 - OLD I	798.6424	0	0	293.0279	2.266667	788.3511	0
153 PRINCE WI 504 - ROCK	683.2705	0	0	428.8761	0	700.011	0
153 PRINCE WI 505 - MOH	880.4108	0	0	568.0924	3.4	892.3463	0

153 PRINCE WI 506 - BETH	1110.577	0	0	599.3178	3.4	1195.463	0
153 PRINCE WI 507 - CHINI	779.6004	0	0	455.8212	2.266667	847.9702	0
153 PRINCE WI 508 - SPRIN	750.4774	0	0	248.1194	1.133333	740.2673	0
153 PRINCE WI 509 - MC C	838.9666	0	0	857.7521	2.266667	868.8635	0
153 PRINCE WI 510 - YATE	505.0628	0	0	599.4528	1.075	509.9122	0
153 PRINCE WI 511 - WEST	977.8609	0	0	562.4788	0	990.7504	0
153 PRINCE WI 512 - YORK	886.3696	0	0	220.7868	3.654545	986.7305	0
153 PRINCE WI 513 - LYNN	753.8378	0	0	641.0687	1.133333	787.2329	0
153 PRINCE WI 514 - ANTII	1010.344	0	0	551.2517	0	1004.169	0
153 PRINCE WI 601 - DALE	628.2037	0	0	196.8591	3.654545	714.0729	0
153 PRINCE WI 602 - BEVIL	1225.006	0	0	498.0431	2.210526	1405.391	0
153 PRINCE WI 603 - HAM	632.5065	0	0	182.7201	3.654545	707.5715	0
153 PRINCE WI 604 - GIDE	627.128	0	0	250.1525	2.436364	719.4908	0
153 PRINCE WI 605 - MINN	624.6022	0	0	319.0151	3.541627	736.9462	0
153 PRINCE WI 606 - BEL A	595.933	0	0	328.4611	3.654545	688.0673	0
153 PRINCE WI 607 - KERR	980.1011	0	0	341.3045	2.266667	1046.729	0
153 PRINCE WI 608 - ENTE	800.4989	0	0	301.2446	1.105263	882.0264	0
153 PRINCE WI 609 - KING	1041.534	0	0	495.9606	1.105263	1221.184	0
153 PRINCE WI 610 - FITZG	867.0072	0	0	319.7601	3.654545	996.8848	0
153 PRINCE WI 611 - NEAB	611.9516	0	0	252.8696	2.210526	693.4851	0
153 PRINCE WI 701 - BELM	721.5887	0	0	395.3294	1.052632	834.8573	0
153 PRINCE WI 702 - LIBRA	822.9038	0	0	229.4877	0	911.2828	0
153 PRINCE WI 703 - LYNN	370.0378	0	0	118.5505	2.436364	434.9126	0
153 PRINCE WI 704 - PORT	716.2357	0	0	120.7951	5.263158	768.2515	0
153 PRINCE WI 705 - POTC	414.3247	0	0	248.179	0	500.4773	0
153 PRINCE WI 706 - RIPP	781.5427	0	0	340.4225	2.105263	878.5671	0
153 PRINCE WI 707 - KILBY	594.8573	0	0	234.9258	4.872727	685.1512	0
153 PRINCE WI 708 - RIVE	939.9924	0	0	177.8982	4.210526	1018.438	0
153 PRINCE WI 709 - FREE	943.1608	0	0	161.1106	3.654545	1009.888	0
153 PRINCE WI 710 - POW	766.5542	0	0	96.63607	1.052632	813.7614	0
153 PRINCE WI 711 - GRAY	741.1513	0	0	256.6782	4.872727	846.2685	0
153 PRINCE WI 712 - LEES	863.9794	0	0	410.7033	3.157895	985.6561	0
155 PULASKI CC 101 - BELS	124.224	0	0	271.4175	1	0	127.8535
155 PULASKI CC 102 - NEW	531.2425	0	0	706.1042	0	0	483.3486
155 PULASKI CC 103 - WEST	130.1731	0	0	448.294	0	0	196.4578
155 PULASKI CC 201 - DRAP	140.7563	0	0	551.2664	0	0	212.0497
155 PULASKI CC 202 - SOUT	32.80786	0	0	82.1699	0	0	40.53891
155 PULASKI CC 203 - NEW	256.113	0	0	689.6031	0	0	292.0881
155 PULASKI CC 301 - DUBL	209.547	0	0	711.4457	0	0	279.6145
155 PULASKI CC 302 - HIWA	41.2744	0	0	179.9417	0	0	69.64377
155 PULASKI CC 304 - SNOV	124.8815	0	0	417.0902	0	0	176.7081
155 PULASKI CC 401 - MASS	298.4457	0	0	941.3134	0	0	415.7837
155 PULASKI CC 402 - WAL	74.08226	0	0	383.8062	0	0	118.4984
155 PULASKI CC 501 - ROBI	407.4524	0	0	895.5479	1	0	432.4151
157 RAPPAHAN 101 - WAS	369.1366	0	0	392.0254	1	343.8008	0
157 RAPPAHAN 201 - AMIS	211.0965	0	0	401.3841	2	205.8281	0
157 RAPPAHAN 301 - SPER	333.0131	0	0	277.6413	2	329.0988	0

157 RAPPAHAN401 - SCRA	284.4722	0	0	309.8768	2	270.2908	0
157 RAPPAHAN501 - CHES	69.9892	0	0	173.6558	0	71.24819	0
157 RAPPAHAN502 - FLINT	195.2924	0	0	167.4167	1	187.7333	0
159 RICHMOND101 - PREC	264.8276	0	0	233.9066	0	267.8684	0
159 RICHMOND201 - PREC	101.3793	0	0	382.1867	0	111.8684	0
159 RICHMOND301 - PREC	133.4483	0	0	322.6658	0	134.4474	0
159 RICHMOND401 - PREC	125.1724	0	0	389.4963	0	126.2368	0
159 RICHMOND501 - PREC	95.17241	0	0	371.7445	0	100.5789	0
161 ROANOKE1101 - CATA	81.83453	0	0	241.9143	0	125.3933	178.1048
161 ROANOKE1102 - MASC	74.49041	0	0	236.7006	1.058824	76.40388	0
161 ROANOKE1103 - GLEN	266.4868	0	0	766.4094	1.058824	268.9835	0
161 ROANOKE1104 - NORT	0	0	0	444.9603	28.27286	264.7212	32.10028
161 ROANOKE1105 - PETEI	0	0	0	953.043	53.40429	420.7447	0
161 ROANOKE1106 - GREE	306.3549	0	0	800.8196	2.117647	307.7088	0
161 ROANOKE1107 - BENN	86.03118	0	0	319.0766	0	129.573	225.7375
161 ROANOKE1108 - WILD	163.6691	0	0	425.4354	0	172.6937	0
161 ROANOKE1201 - PLAN	0	0	0	663.3014	37.69714	0	0
161 ROANOKE1202 - BURL	0	0	0	381.8381	16.75429	207.9438	236.0924
161 ROANOKE1203 - MOU	0	0	0	971.6692	50.26286	0	0
161 ROANOKE1204 - BOTE	0	0	0	776.0936	39.79143	458.7303	459.7589
161 ROANOKE1205 - ORCH	0	0	0	1029.618	53.40429	0	0
161 ROANOKE1206 - HOLL	0	0	0	260.7675	32.46143	0	0
161 ROANOKE1301 - BENT	111.211	0	0	224.1878	1.058824	106.7561	0
161 ROANOKE1302 - POAC	369.3046	0	0	984.3408	2.117647	373.6464	0
161 ROANOKE1303 - WINC	0	0	0	578.4485	29.32	256.424	0
161 ROANOKE1304 - OAK1	521.4329	0	0	982.2553	9.529412	539.0137	0
161 ROANOKE1305 - CASTI	600.1199	0	0	999.9818	1.058824	610.1844	0
161 ROANOKE1306 - GARS	0	0	0	437.7168	31.41429	304.0787	250.5893
161 ROANOKE1401 - SOUT	0	0	0	578.4485	29.32	205.1392	0
161 ROANOKE1402 - BONC	0	0	0	212.1323	7.33	61.75108	0
161 ROANOKE1403 - NORT	0	0	0	531.8828	34.55571	166.4139	0
161 ROANOKE1404 - SOUT	0	0	0	600.1791	45.02714	236.538	0
161 ROANOKE1405 - NORT	0	0	0	655.023	31.41429	197.8128	0
161 ROANOKE1406 - MOU	0	0	0	831.9724	40.83857	241.7712	0
161 ROANOKE1501 - COTT	307.4041	0	0	499.4695	0	305.6155	0
161 ROANOKE1502 - PENN	264.3885	0	0	413.9653	0	266.8903	0
161 ROANOKE1503 - CAVE	347.2722	0	0	596.4438	0	341.2009	0
161 ROANOKE1504 - OGDEN	0	0	0	407.7079	48.16857	356.3258	218.489
161 ROANOKE1505 - CLEA	0	0	0	472.8997	24.08429	169.5538	0
161 ROANOKE1506 - MOU	0	0	0	439.7864	31.41429	323.9326	237.1279
161 ROANOKE1507 - HUNT	0	0	0	907.5122	68.06429	495.0553	0
163 ROCKBRIDGE101 - AIRP	353.78	9.284211	0	381.5023	2	470.5017	257.7917
163 ROCKBRIDGE102 - BEN	164.6724	5.157895	0	296.0291	0	221.4749	226.6072
163 ROCKBRIDGE103 - PLAN	75.43058	6.189474	0	162.6075	0	108.0882	128.8958
163 ROCKBRIDGE104 - EFFIN	97.74103	15.47368	0	201.1747	0	171.6696	135.1327
163 ROCKBRIDGE201 - COLLI	228.4165	6.189474	0	244.9536	0	278.6981	186.0674
163 ROCKBRIDGE202 - HIGH	381.4025	2.063158	0	472.1872	6	464.1436	372.1348

163 ROCKBRID(203 - VO-TI	135.9875	4.126316	0	105.2779	0	150.4758	86.27706
163 ROCKBRID(301 - MAU	159.3604	7.221053	0	230.3607	2	216.1765	159.0408
163 ROCKBRID(302 - NATL	113.6771	7.221053	0	245.996	0	169.5502	177.7515
163 ROCKBRID(303 - FALLI	61.61934	2.063158	0	145.9298	0	92.19291	106.0272
163 ROCKBRID(401 - FAIRF	151.9236	5.157895	0	320.0033	0	227.833	229.7257
163 ROCKBRID(402 - MOU	183.7956	7.221053	0	386.714	0	263.8625	300.4105
163 ROCKBRID(403 - VESU	31.87207	1.031579	0	146.9722	0	62.52163	99.79033
163 ROCKBRID(501 - GOSH	36.12168	2.063158	0	142.8028	0	74.1782	97.71137
163 ROCKBRID(502 - MEAL	209.2933	5.157895	0	202.217	0	256.4446	143.4486
163 ROCKBRID(503 - ROCK	147.6739	4.126316	0	158.4381	0	187.5649	117.4615
163 ROCKBRID(504 - ROCK	191.2324	8.252632	0	315.8338	0	259.6237	229.7257
165 ROCKINGH 101 - BROA	339.4715	0	0	932.2654	0	352.7438	0
165 ROCKINGH 102 - TIMB	135.16	0	0	418.2317	1.125	136.4783	0
165 ROCKINGH 103 - FULK'	83.82014	0	0	554.2086	1.125	92.38528	0
165 ROCKINGH 104 - BERG	29.33705	0	0	243.1101	0	33.59465	0
165 ROCKINGH 105 - LACE'	82.61134	0	0	423.2137	2	77.68763	0
165 ROCKINGH 106 - TENT	83.68421	0	0	330.086	0	85.03645	0
165 ROCKINGH 107 - PLAIN	98.70445	0	0	437.7003	2	100.7839	0
165 ROCKINGH 108 - LITTL	79.62913	0	0	322.4299	0	76.63779	0
165 ROCKINGH 201 - SINGI	187.5476	0	0	606.7451	1.125	181.6211	0
165 ROCKINGH 202 - EDON	389.7636	0	0	841.6141	1.125	396.8368	0
165 ROCKINGH 203 - DAYT	187.5476	0	0	401.7497	3.375	194.2191	0
165 ROCKINGH 204 - MT C	205.3593	0	0	663.4021	0	202.6177	0
165 ROCKINGH 205 - SILVE	344.7103	0	0	787.0174	1.125	341.1957	0
165 ROCKINGH 301 - KEEZI	140.3987	0	0	407.9305	0	137.1187	0
165 ROCKINGH 302 - PORT	186.5034	6.356436	0	534.6337	0	170.871	0
165 ROCKINGH 303 - MELR	126.778	0	0	367.7555	0	122.8304	0
165 ROCKINGH 304 - GROT	169.4517	12.71287	0	498.2994	0	160.3234	0
165 ROCKINGH 305 - MASS	466.7913	13.77228	0	617.6836	1	435.6156	0
165 ROCKINGH 306 - CROS	80.44097	0	0	225.0232	0	70.66887	0
165 ROCKINGH 307 - CROS	531.8011	14.83168	0	788.974	1	513.6678	0
165 ROCKINGH 401 - WEST	221.4928	11.65347	0	474.2466	0	223.6144	0
165 ROCKINGH 402 - MON	159.8601	7.415842	0	713.191	0	146.6115	0
165 ROCKINGH 403 - MT C	43.69508	5.29703	0	85.12614	0	34.80706	0
165 ROCKINGH 404 - NORI	221.6726	11.65347	0	532.5575	1	215.1709	0
165 ROCKINGH 405 - OTTC	144.9398	13.77228	0	750.5634	1	145.9268	0
165 ROCKINGH 406 - EAST	377.2697	9.534653	0	582.3874	1	374.7903	0
165 ROCKINGH 501 - ELKT	178.4139	0	0	520.6218	0	176.1448	0
165 ROCKINGH 502 - SWIF	152.6316	0	0	956.3486	1	161.3782	0
165 ROCKINGH 503 - MCG	243.3855	0	0	749.7364	1	233.1018	0
165 ROCKINGH 504 - SOUT	70.12802	0	0	415.2701	0	62.2308	0
165 ROCKINGH 505 - STON	372.9996	0	0	542.8772	0	352.2896	0
167 RUSSELL C(101 - MOC	126.079	0	0	368.6041	0	0	100.2051
167 RUSSELL C(102 - COPP	154.3381	0	0	294.4596	0	0	101.2711
167 RUSSELL C(103 - SOUT	124.9921	0	0	212.9006	0	0	116.1953
167 RUSSELL C(201 - NORI	314.1106	0	0	599.5112	1	0	257.9749
167 RUSSELL C(202 - DANT	79.34281	0	0	111.2167	1	0	79.9509

167 RUSSELL C(301 - COOK	53.2575	0	0	100.6247	0	0	36.24441
167 RUSSELL C(302 - DAUC	90.21169	0	0	169.4731	1	0	49.03655
167 RUSSELL C(303 - NEW	55.43128	0	0	337.6406	3.315789	0	133.2515
167 RUSSELL C(304 - CLEVI	133.6872	0	0	167.3547	0	0	85.28096
167 RUSSELL C(401 - DRILL	0	0	0	54.22785	4.421053	0	27.71631
167 RUSSELL C(402 - SWOI	0	0	0	574.1772	13.26316	0	221.7305
167 RUSSELL C(403 - HON/	114.1232	0	0	200.1901	1	0	92.74304
167 RUSSELL C(501 - WEST	446.7109	0	0	696.9583	3	0	243.0507
167 RUSSELL C(601 - EAST	183.684	0	0	428.9789	1	0	164.1658
167 RUSSELL C(602 - ELK G	188.0316	0	0	584.6823	0	0	245.1828
169 SCOTT COL 101 - WEBE	0	0	0	428.2331	31.01942	0	69.76932
169 SCOTT COL 102 - YUM/	0	0	0	573.1079	53.76699	0	102.5398
169 SCOTT COL 202 - WEBE	0	0	0	344.0778	19.64563	0	57.08399
169 SCOTT COL 203 - HILTC	0	0	0	523.0409	55.83495	0	79.28331
169 SCOTT COL 204 - CLAR	0	0	0	119.3087	6.203883	0	19.028
169 SCOTT COL 301 - NICKI	0	0	0	397.3406	16.54369	0	40.17021
169 SCOTT COL 302 - SNOV	0	0	0	304.6633	13.44175	0	41.22732
169 SCOTT COL 303 - TWIN	0	0	0	296.1413	16.54369	0	57.08399
169 SCOTT COL 304 - COPP	0	0	0	99.06884	5.169903	0	26.42777
169 SCOTT COL 401 - GATE	0	0	0	1025.842	78.58252	0	181.8231
169 SCOTT COL 501 - DUNC	0	0	0	205.5945	18.61165	0	47.56999
169 SCOTT COL 502 - FORT	0	0	0	255.6615	26.8835	0	43.34155
169 SCOTT COL 503 - MAN'	0	0	0	145.9401	8.271845	0	13.74244
169 SCOTT COL 504 - RYE C	0	0	0	351.5346	20.67961	0	35.94177
169 SCOTT COL 601 - CLINC	0	0	0	233.2911	11.37379	0	30.65622
169 SCOTT COL 602 - DUFF	0	0	0	517.7146	35.15534	0	70.82643
169 SCOTT COL 603 - FAIR\	0	0	0	121.4392	8.271845	0	27.48488
171 SHENANDC 101 - ORKN	220.5903	0	0	464.0052	1	230.3797	0
171 SHENANDC 103 - NEW	375.5416	0	0	1058.512	0	382.5375	0
171 SHENANDC 201 - CONI	235.655	0	0	894.8671	0	256.0966	0
171 SHENANDC 202 - MT J/	203.3735	0	0	726.0438	1	220.7359	0
171 SHENANDC 302 - EDINI	286.2294	0	0	805.7947	0	285.028	0
171 SHENANDC 303 - ST LU	171.092	0	0	888.6527	0	183.2323	0
171 SHENANDC 304 - FORT	153.8752	0	0	462.9694	1	159.6585	0
171 SHENANDC 401 - WOO	703.7369	0	0	1386.837	2	721.1422	0
171 SHENANDC 501 - CEDA	25.82521	0	0	61.10782	0	24.64528	0
171 SHENANDC 503 - TOM'	361.5529	0	0	1009.833	3	372.8937	0
171 SHENANDC 504 - LEBAI	208.7538	0	0	687.7219	0	217.5213	0
171 SHENANDC 601 - STRA	562.7743	0	0	1178.656	1	586.1289	0
173 SMYTH CO|101 - SALT	191.9331	0	0	769.7259	1	0	315.3191
173 SMYTH CO|201 - SEVEI	21.90541	0	0	713.5775	9	0	286.2443
173 SMYTH CO|202 - RICH	76.14736	0	0	245.6135	0	0	159.6809
173 SMYTH CO|301 - CHILF	0	0	0	853.6997	12	0	363.5511
173 SMYTH CO|302 - ST CL	0	0	0	263.6274	1	0	82.53029
173 SMYTH CO|401 - EAST	299.3739	0	0	471.7012	5	0	426.2324
173 SMYTH CO|402 - WEST	149.1654	0	0	205.5343	1	0	186.999
173 SMYTH CO|501 - ATKIN	210.7091	0	0	574.4684	2	0	370.864

173 SMYTH CO|502 - WAS	250.3475	0	0	344.2699	2	0	346.8361
173 SMYTH CO|601 - ROYA	248.2613	0	0	489.1716	2	0	365.6405
173 SMYTH CO|602 - ROYA	0	0	0	391.3219	8	0	172.3734
173 SMYTH CO|701 - ADW	0	0	0	749.6904	8	0	323.853
173 SMYTH CO|702 - SUGA	173.157	0	0	356.602	2	0	207.8928
173 SMYTH CO|703 - KONN	0	0	0	68.99623	1	0	22.98312
175 SOUTHAMI101 - BERLI	93.72356	0	0	386.6047	0	87.69345	0
175 SOUTHAMI102 - IVOR	259.0561	0	0	413.6254	0	251.4583	0
175 SOUTHAMI201 - BOYK	408.5926	0	0	309.6994	2	571.4545	0
175 SOUTHAMI202 - BRAN	93.72356	0	0	157.9675	0	160.5912	0
175 SOUTHAMI301 - CAPR	286.436	0	0	308.6602	1	429.6337	0
175 SOUTHAMI302 - SEBRI	208.5086	0	0	318.0135	0	327.4393	0
175 SOUTHAMI401 - DREV	213.774	0	0	199.5379	1	309.7117	0
175 SOUTHAMI501 - HUN	231.6762	0	0	637.0663	0	236.6667	0
175 SOUTHAMI502 - FORK	167.4387	0	0	199.5379	0	202.209	0
175 SOUTHAMI601 - COUF	323.2936	0	0	448.9602	2	554.7697	0
175 SOUTHAMI602 - SEDLI	63.18442	0	0	274.3646	0	61.27976	0
175 SOUTHAMI701 - BLAC	208.5086	0	0	123.6719	0	249.2293	0
175 SOUTHAMI702 - NEW	200.084	0	0	378.2906	0	410.8633	0
177 SPOTSYLVA101 - PART	240.938	0	0	681.6163	1	241.2096	0
177 SPOTSYLVA102 - BLAY	285.5946	0	0	690.9394	2	287.3541	0
177 SPOTSYLVA103 - TRAV	523.4495	0	0	870.9118	1.08	565.5983	0
177 SPOTSYLVA104 - MASS	475.8632	0	0	757.4069	2.16	499.1991	0
177 SPOTSYLVA201 - WILD	541.4766	0	0	735.5326	0	536.8585	0
177 SPOTSYLVA202 - WILD	433.1261	0	0	764.3043	4	427.6498	0
177 SPOTSYLVA203 - NI RI	428.9344	0	0	870.6945	2	432.9354	0
177 SPOTSYLVA204 - CHAN	730.7144	0	0	864.5471	0	767.5482	0
177 SPOTSYLVA301 - PLAN	666.7594	0	0	897.9365	5	684.6275	0
177 SPOTSYLVA302 - HAZE	788.857	0	0	832.9749	2	790.9361	0
177 SPOTSYLVA303 - RIVEF	918.3867	0	0	1326.473	1	892.7008	0
177 SPOTSYLVA401 - SUMI	693.7028	0	0	839.088	1.08	718.3852	0
177 SPOTSYLVA402 - PARK	818.4847	0	0	689.5161	3.24	844.6577	0
177 SPOTSYLVA403 - LEE H	833.2893	0	0	918.6476	2.16	869.4034	0
177 SPOTSYLVA501 - BELM	273.8182	0	0	751.7983	3	280.6547	0
177 SPOTSYLVA502 - BROK	239.6492	0	0	650.6461	1	236.0051	0
177 SPOTSYLVA503 - POST	169.1958	0	0	824.2369	0	217.9327	0
177 SPOTSYLVA504 - COUF	492.7828	0	0	984.4168	0	577.2558	0
177 SPOTSYLVA505 - BROC	448.3689	0	0	1223.095	3.24	471.605	0
177 SPOTSYLVA601 - SALEI	719.0822	0	0	928.1947	3.24	768.6113	0
177 SPOTSYLVA602 - SMIT	978.1632	0	0	1015.18	2.16	1019.5	0
177 SPOTSYLVA603 - PIEDI	419.8171	0	0	586.6191	2.16	443.3069	0
177 SPOTSYLVA701 - BATT	547.7714	0	0	614.1997	1.08	593.3468	0
177 SPOTSYLVA702 - BREN	741.4839	0	0	759.5901	5.32	767.5338	0
177 SPOTSYLVA703 - FAIR	370.1158	0	0	335.2109	1.08	395.468	0
177 SPOTSYLVA704 - GAYL	1015.175	0	0	1260.223	0	1073.717	0
179 STAFFORD 101 - HART	749.9978	0	0	1742.722	52	737.2955	0
179 STAFFORD 102 - ROCK	797.5724	0	0	862.6632	0	777.3774	0

179 STAFFORD 103 - SIMP	630.2774	0	0	868.9221	22.48	612.067	0
179 STAFFORD 104 - COLLI	775.5052	0	0	1028.077	2	756.2007	0
179 STAFFORD 201 - ROCK	561.7254	0	0	729.4936	1	594.8956	0
179 STAFFORD 202 - ROSE	851.4137	0	0	923.054	2	807.7192	0
179 STAFFORD 203 - RUBY	355.1018	0	0	888.7126	0	333.0842	0
179 STAFFORD 204 - STEF	743.4296	0	0	1163.443	2	719.8326	0
179 STAFFORD 301 - GRIFF	766.232	0	0	350.2573	37.048	787.3388	0
179 STAFFORD 302 - WIDE	870.1033	0	0	675.38	1	1030.5	0
179 STAFFORD 303 - HARB	464.2955	0	0	595.0543	7.168	427.9238	0
179 STAFFORD 304 - BARR	408.6656	0	0	322.9947	34.024	482.1416	0
179 STAFFORD 401 - AQUI	405.7357	0	0	175.6927	2.048	399.6745	0
179 STAFFORD 402 - COUF	1295.635	0	0	747.7396	5.12	1268.077	0
179 STAFFORD 403 - BROC	861.6655	0	0	1262.268	4.096	817.1356	0
179 STAFFORD 404 - GOVE	550.0437	0	0	710.0912	5.12	500.1163	0
179 STAFFORD 501 - GRAF	958.9166	0	0	1303.054	6.144	890.3744	0
179 STAFFORD 502 - FALM	772.7801	0	0	858.5934	6.144	721.9252	0
179 STAFFORD 503 - DREV	710.3798	0	0	826.2667	3.048	671.7043	0
179 STAFFORD 504 - GAYL	818.7913	0	0	613.8786	2.048	777.3774	0
179 STAFFORD 601 - FERR	601.2836	0	0	912.9744	8.192	538.8282	0
179 STAFFORD 602 - CHAT	875.2597	0	0	898.3334	12.288	808.7654	0
179 STAFFORD 603 - WHIT	646.2491	0	0	1348.023	18.432	577.5401	0
179 STAFFORD 604 - ENGL	555.2723	0	0	255.1727	4.096	540.9207	0
179 STAFFORD 701 - WOO	1017.118	0	0	976.7122	6	996.0475	0
179 STAFFORD 702 - WHIT	744.8849	0	0	501.7226	21.456	729.2491	0
179 STAFFORD 703 - HAM	1102.664	0	0	1094.703	6.048	1082.888	0
181 SURRY COL 101 - SURR	249	0	0	419	1	415	0
181 SURRY COL 201 - BACC	392	0	0	202	1	480	0
181 SURRY COL 301 - DENC	161	0	0	179	1	244	0
181 SURRY COL 302 - WALL	156	0	0	129	0	220	0
181 SURRY COL 401 - CARS	324	0	0	273	1	463	0
181 SURRY COL 501 - CLAR	189	0	0	211	1	277	0
181 SURRY COL 502 - SPRIN	157	0	0	39	0	175	0
183 SUSSEX CO 101 - WAVI	367.2497	0	0	186.5516	1.25	436.3896	0
183 SUSSEX CO 201 - STON	300.0699	0	0	178.1673	1.25	386.079	0
183 SUSSEX CO 202 - LITTL	72.77814	0	0	57.64235	0	108.2771	0
183 SUSSEX CO 301 - COUF	114.2057	0	0	340.6139	1.25	277.8019	0
183 SUSSEX CO 302 - WAKI	20.15395	0	0	115.2847	0	61.24766	0
183 SUSSEX CO 401 - MAR	260.8816	0	0	240.0018	1.25	344.5181	0
183 SUSSEX CO 402 - WEST	43.66688	0	0	14.6726	0	49.21687	0
183 SUSSEX CO 501 - HENR	240.7277	0	0	154.0623	0	298.5823	0
183 SUSSEX CO 502 - YALE	109.727	0	0	94.32384	0	144.3695	0
183 SUSSEX CO 601 - BLAC	123.163	0	0	266.2028	0	223.1165	0
183 SUSSEX CO 602 - NEW	78.37646	0	0	119.4769	0	121.4016	0
185 TAZEWELL 101 - INDIA	0	0	0	265.519	1.101266	0	106.075
185 TAZEWELL 102 - TIP T	0	0	0	207.5684	2.202532	0	82.1561
185 TAZEWELL 103 - MUN	0	0	0	480.463	4.405063	0	191.3509
185 TAZEWELL 104 - FALLS	0	0	0	223.3731	0	0	62.39704

185 TAZEWE	106 - POCA	0	0	0	81.13081	1.101266	0	29.11862
185 TAZEWE	107 - AMO	0	0	0	32.66305	2.202532	0	13.51936
185 TAZEWE	109 - BISHC	0	0	0	81.13081	1.101266	0	41.59803
185 TAZEWE	112 - BANC	0	0	0	103.2574	6.607595	0	50.95758
185 TAZEWE	203 - BURK	0	0	0	83.2381	1.101266	0	48.87768
185 TAZEWE	204 - CLEAI	0	0	0	290.8065	5.506329	0	115.4345
185 TAZEWE	207 - FREE	0	0	0	93.77457	1.101266	0	30.15857
185 TAZEWE	209 - JEFFE	0	0	0	1332.863	45.1519	0	538.6945
185 TAZEWE	214 - THOM	0	0	0	326.6305	2.202532	0	146.633
185 TAZEWE	301 - CEDA	0	0	0	1123.188	24.22785	0	590.692
185 TAZEWE	302 - BAPT	0	0	0	202.3002	2.202532	0	110.2348
185 TAZEWE	303 - PAIN	0	0	0	787.0742	17.62025	0	388.9416
185 TAZEWE	401 - RICHI	0	0	0	1612.08	26.43038	0	890.1978
185 TAZEWE	402 - JEW	0	0	0	124.3303	1.101266	0	79.03625
185 TAZEWE	501 - SPRIN	0	0	0	633.2418	9.911392	0	240.2286
185 TAZEWE	502 - GRAF	0	0	0	1146.368	18.72152	0	460.6982
187 WARREN C	101 - FORK	273.9141	0	0	491.9613	0	295.8492	0
187 WARREN C	102 - OTTE	426.7667	0	0	1116.765	5	459.5105	0
187 WARREN C	201 - HAPP	483.2886	0	0	876.1898	3	470.0016	0
187 WARREN C	202 - LINDE	412.2791	0	0	678.8404	1	400.7603	0
187 WARREN C	301 - NORT	353.6794	0	0	617.5949	5	393.4165	0
187 WARREN C	302 - RIVER	322.1946	0	0	853.2152	0	365.0905	0
187 WARREN C	401 - EAST	497.0666	0	0	1085.938	4	483.64	0
187 WARREN C	402 - TOW	251.8785	0	0	537.6709	1	274.867	0
187 WARREN C	501 - SOUT	514.7658	0	0	801.9031	3	493.082	0
187 WARREN C	502 - BENT	139.5	0	0	425.533	0	163.6613	0
187 WARREN C	504 - BROV	144.6667	0	0	339.3885	0	152.1211	0
191 WASHINGT	101 - EAST	676.1746	0	0	1008.259	2.333333	0	438.0267
191 WASHINGT	102 - WEST	358.3616	0	0	527.8344	0	0	223.2868
191 WASHINGT	201 - CLINC	0	0	0	453.364	15.55851	0	123.9295
191 WASHINGT	202 - GREE	214.7978	0	0	746.9753	0	0	158.117
191 WASHINGT	203 - HAYT	0	0	0	293.4769	5.18617	0	67.30654
191 WASHINGT	204 WOOD	307.9498	0	0	621.6014	1.166667	0	165.5955
191 WASHINGT	301 - WAT	0	0	0	1320.12	28.00532	0	294.8668
191 WASHINGT	302 - SOUT	587.4061	0	0	846.0101	0	0	384.6088
191 WASHINGT	401 - GLAD	0	0	0	945.6479	22.81915	0	356.8315
191 WASHINGT	402 - MEAI	0	0	0	1107.639	39.41489	0	361.1049
191 WASHINGT	501 - RHEA	0	0	0	1307.498	30.07979	0	362.1733
191 WASHINGT	502 - DAM	0	0	0	606.9398	15.55851	0	247.859
191 WASHINGT	504 - GREE	0	0	0	107.2926	1.037234	0	40.5976
191 WASHINGT	601 - BURS	233.4282	0	0	888.1526	1.166667	0	163.4587
191 WASHINGT	602 - MENI	44.93218	0	0	215.9802	0	0	38.46088
191 WASHINGT	603 - VALLI	181.9205	0	0	623.7086	2.333333	0	129.2713
191 WASHINGT	701 - HIGH	0	0	0	808.9024	18.67021	0	147.4334
191 WASHINGT	702 - WALL	126.0293	0	0	363.4788	0	0	103.6307
191 WASHINGT	703 - JOHN	0	0	0	874.1195	18.67021	0	194.4411
193 WESTMOR	101 - PREC	388.7429	0	0	268.8012	1	403.6752	0

193 WESTMOR 102 - PREC	217.5237	0	0	170.3819	0	213.7743	0
193 WESTMOR 201 - PREC	381.2049	0	0	425.4256	2	391.7386	0
193 WESTMOR 202 - PREC	173.3729	0	0	265.6264	0	160.5971	0
193 WESTMOR 301 - PREC	226.1385	0	0	339.7055	1	210.3108	0
193 WESTMOR 302 - PREC	187.3719	0	0	225.4121	0	177.693	0
193 WESTMOR 401 - PREC	270.2894	0	0	712.2175	0	258.5593	0
193 WESTMOR 501 - PREC	425.3558	0	0	643.4298	2	409.6516	0
195 WISE COUN 101 - APPA	0	0	0	378.3277	14.79245	0	119.5082
195 WISE COUN 102 - DORC	0	0	0	286.3586	8.45283	0	73.54351
195 WISE COUN 103 - GUES	0	0	0	267.5467	4.226415	0	46.98613
195 WISE COUN 104 - WEST	253.2625	0	0	608.1851	1	0	196.116
195 WISE COUN 201 - NORI	126.1144	0	0	299.3981	0	0	68.06689
195 WISE COUN 202 - WISE	0	0	0	1069.142	51.77358	0	231.8528
195 WISE COUN 203 - EAST	0	0	0	182.8932	4.226415	0	41.87894
195 WISE COUN 301 - BIG S	0	0	0	806.8205	23.24528	0	245.145
195 WISE COUN 302 - EAST	0	0	0	875.7974	36.98113	0	130.8161
195 WISE COUN 401 - CLINC	0	0	0	744.1142	24.30189	0	92.52843
195 WISE COUN 402 - SOUT	187.1041	0	0	662.4314	0	0	112.7358
195 WISE COUN 403 - ST PA	138.5191	0	0	216.9854	0	0	86.82219
197 WYTHE CO 101 - ROYA	48.2536	0	0	287.7997	0	0	70.24684
197 WYTHE CO 102 - RURA	237.072	0	0	912.9131	2.181818	0	344.0029
197 WYTHE CO 203 - WEST	396.5187	0	0	905.6923	4.363636	13.83871	378.0933
197 WYTHE CO 303 - EAST	394.4207	0	0	1033.603	2.181818	407.7097	0
197 WYTHE CO 401 - FORT	124.83	0	0	606.5456	1.090909	123.4839	0
197 WYTHE CO 402 - MAX	134.2709	0	0	576.631	0	123.4839	0
197 WYTHE CO 501 - JACKS	89.16427	0	0	378.5752	1.090909	88.35484	0
197 WYTHE CO 502 - SHEFI	131.1239	0	0	655.028	1.090909	120.2903	0
197 WYTHE CO 601 - HUDI	54.54755	0	0	309.4621	0	46.83871	0
197 WYTHE CO 602 - ZION	124.83	0	0	451.8146	0	0	185.9475
197 WYTHE CO 603 - EVERI	84.9683	0	0	324.9352	0	0	84.70943
199 YORK COUN 101 - QUEE	714.6042	0	5.496183	602.4265	2.2	918.2141	0
199 YORK COUN 102 - WALL	796.1326	0	16.48855	809.7859	1.1	799.0918	0
199 YORK COUN 103 - MAG	1144.441	0	24.18321	548.1948	0	1283.881	0
199 YORK COUN 201 - COVE	895.6994	0	0	1031.664	5	1226.732	0
199 YORK COUN 202 - KILN	473.7584	0	0	551.489	0	653.8364	0
199 YORK COUN 301 - SEAF	497.5829	0	27.48092	1486.171	5.5	530.9402	0
199 YORK COUN 302 - YORK	587.5712	0	23.08397	915.0476	0	592.0787	0
199 YORK COUN 303 - EDGE	723.7514	0	10.99237	773.7923	0	983.9082	0
199 YORK COUN 401 - HARV	607.0029	0	0	1284.361	2	604.95	0
199 YORK COUN 402 - DARE	556.8693	0	28.58015	1267.31	0	579.2074	0
199 YORK COUN 403 - GRAF	349.3667	0	7.694656	603.4312	2.2	370.0492	0
199 YORK COUN 501 - TABB	792.1474	0	0	1250.677	4	846.8095	0
199 YORK COUN 502 - BETH	893.0731	0	0	920.6503	0	1156.302	0
510 ALEXANDR 101 - LADR	788.2208	0	0	0	87.94321	789.6642	0
510 ALEXANDR 102 - CITY I	692.6789	0	0	0	150.4571	690.9562	0
510 ALEXANDR 103 - LYLES	994.5044	0	0	0	144.0997	990.3344	0
510 ALEXANDR 104 - DURA	876.1628	0	0	0	97.47922	884.0335	0

510 ALEXANDR 105 - LEE C	655.7649	0	0	0	54.0374	658.4151	0
510 ALEXANDR 106 - CORA	1131.303	0	0	0	90.06233	1124.838	0
510 ALEXANDR 107 - MT V	1450.5	0	0	0	97.47922	1465.435	0
510 ALEXANDR 108 - GEOR	1465.7	0	0	0	101.7175	1480.62	0
510 ALEXANDR 109 - FIRE I	726.3357	0	0	0	103.8366	728.9208	0
510 ALEXANDR 110 - CHAR	892.4483	0	0	0	70.9903	895.9652	0
510 ALEXANDR 111 - POTC	414.7388	0	0	0	38.14404	417.6109	0
510 ALEXANDR 112 - ALEX	605.8226	0	0	0	62.51385	604.1799	0
510 ALEXANDR 201 - MAU	967.3619	0	0	0	97.47922	972.9792	0
510 ALEXANDR 202 - GEOR	916.3338	0	0	0	129.2659	915.4899	0
510 ALEXANDR 203 - CHAR	998.8473	0	0	0	77.34765	997.9273	0
510 ALEXANDR 204 - BLES	852.2773	0	0	0	127.1468	868.8476	0
510 ALEXANDR 205 - DOUC	1009.493	0	0	0	124.0442	1015.283	0
510 ALEXANDR 206 - CHIN	695.5717	0	0	0	78.06231	703.9727	0
510 ALEXANDR 207 - TEMP	1207.306	0	0	0	189.2744	1181.168	0
510 ALEXANDR 208 - NOV	800.9288	0	0	0	76.99296	813.5277	0
510 ALEXANDR 209 - JAME	1215.907	0	0	0	80.20101	1153.275	0
510 ALEXANDR 210 - The F	537.5361	0	0	0	55.60603	546.5786	0
510 ALEXANDR 302 - PATR	786.9528	0	0	0	43.84322	765.9892	0
510 ALEXANDR 303 - CHAR	926.7122	0	0	0	48.1206	899.0181	0
510 ALEXANDR 304 - SAMI	783.7276	0	0	0	37.42714	760.6251	0
510 ALEXANDR 305 - JOHN	734.2743	0	0	0	51.32864	739.5521	0
510 ALEXANDR 306 - WILLI	809.5294	0	0	0	57.74472	819.3289	0
510 ALEXANDR 307 - SOUT	937.4629	0	0	0	74.85427	946.5404	0
510 ALEXANDR 308 - CAMI	1171.829	0	0	0	117.6281	1114.654	0
510 ALEXANDR 309 - OLYM	669.77	0	0	0	28.87236	652.2709	0
520 BRISTOL CI' 001 - FIRST	0	0	0	354.1491	27.74627	0	109.6992
520 BRISTOL CI' 002 - SECO	0	0	0	591.6252	54.42537	0	221.5285
520 BRISTOL CI' 003 - THIRI	0	0	0	250.8987	21.34328	0	105.439
520 BRISTOL CI' 004 - FOUR	0	0	0	963.327	39.48507	0	218.3333
530 BUENA VIS' 001 - FIRST	258	9	0	542	1	419	360
530 BUENA VIS' 002 - SECO	228	15	0	340	0	310	256
540 CHARLOTTI' 101 - Key R	1770.532	0	0	0	52.92715	1766.964	213.824
540 CHARLOTTI' 102 - CLAR	1598.217	0	0	0	41.90066	1549.193	204.1048
540 CHARLOTTI' 201 - CARV	1306.36	0	0	0	20.95033	1296.923	106.912
540 CHARLOTTI' 202 - WALK	1870.69	0	0	0	51.8245	1834.883	321.816
540 CHARLOTTI' 301 - BENJ	1195.432	0	0	0	28.66887	1155.696	116.6313
540 CHARLOTTI' 302 - JOHN	1627.296	0	0	0	58.4404	1568.598	288.3385
540 CHARLOTTI' 303 - BUFC	722.6441	0	0	0	15.43709	684.5772	83.15379
540 CHARLOTTI' 401 - VENA	575.0998	0	0	0	20.95033	534.7249	78.83412
540 CHARLOTTI' 402 - ALUN	933.7295	0	0	0	41.90066	917.4413	194.3855
550 CHESAPEAI' 001 - GREA	0	0	0	809.3572	49.91623	322.4839	0
550 CHESAPEAI' 002 - BETH	223.017	0	0	895.748	0	205.8855	0
550 CHESAPEAI' 003 - CAMI	1014.57	0	0	69.06228	1.05	1014.101	58.82126
550 CHESAPEAI' 004 - CHUF	540.0105	0	0	0	133.0983	350.8457	0
550 CHESAPEAI' 005 - CRES	963.4099	0	0	0	24.67081	938.3291	54.69345
550 CHESAPEAI' 006 - DEEP	630.3108	0	0	488.5898	4.2	611.3539	0

550 CHESAPEAI007 - GREE	604.98	0	0	0	128.4938	423.3258	0
550 CHESAPEAI008 - SOUT	814.2367	0	0	0	91.48758	690.2532	307.5217
550 CHESAPEAI009 - BELLS	0	0	0	1024.7	75.91427	379.2075	0
550 CHESAPEAI010 - OSCA	333.5677	0	0	0	47.28571	272.9873	148.6011
550 CHESAPEAI011 - GENE	302.5911	0	0	419.2588	17.7089	363.2911	334.3524
550 CHESAPEAI012 - GEOR	895.0389	0	0	0	23.64286	851.1392	98.03544
550 CHESAPEAI013 - GILM	0	0	0	569.0468	82.1538	488.8861	350.8637
550 CHESAPEAI014 - GRAS	0	0	0	1045.506	94.63285	515.7642	0
550 CHESAPEAI015 - GREE	680.6025	0	0	0	68.87267	569.8481	284.8187
550 CHESAPEAI016 - HICK	0	0	0	909.2265	61.35537	290.9709	0
550 CHESAPEAI017 - INDIA	47.11626	0	0	671.1533	35.37749	207.9864	0
550 CHESAPEAI018 - INDIA	512.7827	0	0	0	59.62112	456.7089	166.1443
550 CHESAPEAI019 - JOLLI	299.45	0	0	579.2985	1.05	285.7187	0
550 CHESAPEAI020 - E W C	630.3108	0	0	745.2541	3.15	584.0426	0
550 CHESAPEAI021 - FELL	705.531	0	0	0	138.2572	482.1503	0
550 CHESAPEAI022 - NORF	366.7173	0	0	0	77.09627	275.0633	241.4768
550 CHESAPEAI023 - OAK (	0	0	0	610.659	97.75262	536.773	0
550 CHESAPEAI024 - OAKL	546.9682	0	0	0	60.64907	435.9494	263.1478
550 CHESAPEAI025 - ST JU	642.8752	0	0	249.4488	1.05	632.1266	228.0614
550 CHESAPEAI026 - JOHN	330.46	0	0	0	29.81056	291.6709	90.81177
550 CHESAPEAI027 - SILVE	647.5988	0	0	0	118.6536	457.9902	0
550 CHESAPEAI028 - SUNR	70.15087	0	0	128.8475	0	69.3288	0
550 CHESAPEAI029 - TANG	397.7951	0	0	0	104.8509	266.7595	383.8861
550 CHESAPEAI030 - SOUT	495.172	0	0	0	5.139752	490.962	15.47928
550 CHESAPEAI031 - CARV	948.9069	0	0	0	31.86646	899.9241	103.1952
550 CHESAPEAI032 - PROV	1118.799	0	0	0	10.2795	1085.722	65.01297
550 CHESAPEAI033 - WEST	311.8133	0	0	0	69.90062	233.5443	227.0294
550 CHESAPEAI034 - HICK	0	0	0	1010.136	77.99411	338.2405	0
550 CHESAPEAI035 - TAYL	531.7345	0	0	0	37.14372	519.5623	0
550 CHESAPEAI036 - GREA	0	0	0	770.866	41.59686	265.7604	0
550 CHESAPEAI037 - BRID	0	0	0	853.0501	63.43521	368.7031	0
550 CHESAPEAI038 - BAILE	482.1159	0	0	7.215462	181.5915	319.3326	0
550 CHESAPEAI039 - LAKE	0	0	0	553.4422	68.63482	369.7536	0
550 CHESAPEAI041 - JOHN	0	0	0	996.6121	186.1459	929.6361	0
550 CHESAPEAI042 - PARK	704.4287	0	0	0	53.45342	608.2532	208.4543
550 CHESAPEAI043 - PLEA	0	0	0	807.2766	39.51702	237.3986	0
550 CHESAPEAI044 - NANS	565.9299	0	0	349.8567	2	643.2676	0
550 CHESAPEAI045 - SUNR	338.19	0	0	136.063	0	353.9494	98.03544
550 CHESAPEAI046 - BELLS	0	0	0	636.6666	71.75458	391.8127	0
550 CHESAPEAI048 - JOLLI	1221.882	0	0	97.92412	3.15	1212.354	90.81177
550 CHESAPEAI049 - WATI	526.7609	0	0	547.6548	1	507.3607	0
550 CHESAPEAI050 - RIVE	776.9435	0	0	0	80.18012	671.5696	309.5856
550 CHESAPEAI051 - COOF	0	0	0	1100.643	69.67474	413.8719	0
550 CHESAPEAI052 - SHIPY	0	0	0	372.4292	91.51309	428.578	0
550 CHESAPEAI053 - FAIRV	1094.972	0	0	0	141.8571	923.7975	491.2091
550 CHESAPEAI054 - PUGH	743.2204	0	0	20.14327	73.25567	740.1701	0
550 CHESAPEAI055 - GEOR	762.4405	0	0	0	35.97826	715.1646	119.7064

550 CHESAPEAI056 - GREE	610.1596	0	0	0	89.43168	540.7848	243.5407
550 CHESAPEAI057 - CYPR	697.1773	0	0	0	67.84472	578.1519	282.7548
550 CHESAPEAI058 - EXPR	0	0	0	191.4161	41.59686	292.7089	62.94907
550 CHESAPEAI059 - CLEAI	104.6284	0	0	504.5479	115.1799	471.6459	0
550 CHESAPEAI060 - PARK	0	0	0	811.4379	72.7945	344.5431	0
550 CHESAPEAI061 - CENT	0	0	0	1052.789	69.67474	346.644	0
550 CHESAPEAI062 - FENT	0	0	0	885.2995	55.11584	332.9883	0
550 CHESAPEAI063 - POPL	0	0	0	586.732	36.39725	170.1707	0
550 CHESAPEAI064 - DEEP	565.3951	0	0	378.2963	2.1	547.2773	0
550 CHESAPEAI065 - WATI	655.2391	0	0	705.3452	3	613.4548	0
570 COLONIAL 001 - FIRST	204.0109	3.3	0	580.3405	1	227.2517	0
570 COLONIAL 002 - SECO	204.0109	9.9	0	671.3743	2	235.9089	0
570 COLONIAL 003 - THIRI	251.8259	7.7	0	855.7177	0	318.1524	0
570 COLONIAL 004 - FOUR	300.7035	5.5	0	1109.474	0	363.6027	0
570 COLONIAL 005 - FIFTH	211.4488	6.6	0	1362.093	1	304.0844	0
580 COVINGTO 101 - PREC	0	0	0	191.2659	6.166667	128.1248	103.2851
580 COVINGTO 201 - PREC	0	0	0	216.0787	7.194444	140.7273	113.5113
580 COVINGTO 301 - PREC	0	0	0	157.1482	8.222222	133.3758	81.80995
580 COVINGTO 401 - PREC	0	0	0	359.7866	9.25	197.4383	210.6606
580 COVINGTO 501 - PREC	0	0	0	296.7206	6.166667	174.3338	168.733
590 DANVILLE (001 - WARI	208.4898	0	0	54.76478	0	0	152.2016
590 DANVILLE (002 - WARI	176.1739	0	0	150.6031	0	0	146.9892
590 DANVILLE (003 - WARI	370.0694	0	0	258.0264	0	0	298.1483
590 DANVILLE (004 - WARI	488.9086	0	0	643.4862	4	0	433.6702
590 DANVILLE (006 - WARI	217.8718	0	0	54.76478	0	0	178.2635
590 DANVILLE (007 - WARI	349.2204	0	0	82.14717	0	0	290.8509
590 DANVILLE (008 - WARI	276.249	0	0	200.1021	1	0	225.1749
590 DANVILLE (009 - WARI	235.5935	0	0	244.3352	1	0	209.5378
590 DANVILLE (010 - WARI	318.9894	0	0	332.8014	0	0	257.4917
590 DANVILLE (011 - WARI	541.031	0	0	339.1204	1	0	450.3498
590 DANVILLE (012 - WARI	496.2057	0	0	463.3943	1	0	408.6507
590 DANVILLE (013 - WARI	444.0833	0	0	352.8116	1	0	353.3995
590 DANVILLE (014 - WARI	96.94776	0	0	12.63803	0	0	70.8884
590 DANVILLE (015 - WARI	318.9894	0	0	434.9587	2	0	279.3837
590 DANVILLE (016 - WARI	358.6024	0	0	642.433	1	364.81	0
590 DANVILLE (017 - WARI	210.5747	0	0	685.6129	0	230.19	0
595 EMPORIA (101 - PREC	176.99	0	0	78.9791	1	211.5516	0
595 EMPORIA (201 - PREC	146.4381	0	0	10.53055	0	144.1919	0
595 EMPORIA (301 - PREC	105.3512	0	0	142.1624	2	157.8744	0
595 EMPORIA (401 - PREC	148.5452	0	0	162.1704	0	223.1291	0
595 EMPORIA (501 - PREC	116.9398	0	0	21.06109	0	127.352	0
595 EMPORIA (601 - DISTF	106.4047	0	0	186.3907	0	197.8692	0
595 EMPORIA (701 - DISTF	144.3311	0	0	53.70579	0	161.0318	0
600 FAIRFAX CI' 001 - ONE	676.8568	0	0	0	71.51276	683.9163	0
600 FAIRFAX CI' 002 - TWO	820.7988	0	0	0	74.76334	825.3029	0
600 FAIRFAX CI' 003 - THRE	1047.15	0	0	0	95.35035	1059.851	0
600 FAIRFAX CI' 004 - FOUR	901.0107	0	0	0	83.43155	906.4084	0

600 FAIRFAX CI'005 - FIVE	718.611	0	0	0	67.17865	716.7969	0
600 FAIRFAX CI'006 - SIX	662.5725	0	0	0	74.76334	681.7243	0
610 FALLS CHU 001 - FIRST	1334.247	0	0	0	60.1462	1332.888	0
610 FALLS CHU 002 - SECO	1036.031	0	0	0	52.49123	1029.582	0
610 FALLS CHU 003 - THIRI	1406.722	0	0	0	74.36257	1407.53	0
620 FRANKLIN (101 - PREC	179.9274	0	0	501.4945	1	188.8146	0
620 FRANKLIN (201 - PREC	206.0796	0	0	332.9337	0	202.5274	0
620 FRANKLIN (301 - PREC	344.1634	0	0	28.26796	1	347.7581	0
620 FRANKLIN (401 - PREC	250.0154	0	0	28.26796	0	259.2568	0
620 FRANKLIN (501 - PREC	292.905	0	0	9.422652	1	288.4102	0
620 FRANKLIN (601 - PREC	224.9092	0	0	236.6133	0	305.2329	0
630 FREDERICK 101 - PREC	1065.347	0	0	743.597	1	1078.925	0
630 FREDERICK 201 - PREC	1428.408	0	0	646.3714	6.454545	1378.095	0
630 FREDERICK 301 - PREC	1003.359	0	0	624.4513	1	986.6271	0
630 FREDERICK 401 - PREC	823.7122	0	0	206.851	5.454545	796.7279	0
630 FREDERICK 402 - PREC	424.1736	0	0	168.7292	2.090909	411.6251	0
640 GALAX CIT\001 - EAST	0	0	0	408.552	9	0	89.59276
640 GALAX CIT\003 - SOUT	0	0	0	293.7437	6	0	61.08597
640 GALAX CIT\005 - WEST	0	0	0	322.7043	6	0	74.32127
650 HAMPTON 101 - ABER	872.6868	0	0	0	27.42978	881.3136	0
650 HAMPTON 102 - BASSI	1033.877	0	0	0	17.2706	1043.986	0
650 HAMPTON 103 - CITY I	521.5667	0	0	28.753	21.34499	534.3479	0
650 HAMPTON 104 - COOF	1238.189	0	0	0	45.71629	1254.019	0
650 HAMPTON 105 - EAST	670.4339	0	0	160.1953	1.021277	701.1385	0
650 HAMPTON 106 - ARM!	838.806	0	0	0	80.25749	840.1307	0
650 HAMPTON 107 - LIND!	992.8096	0	0	0	34.5412	1010.01	0
650 HAMPTON 108 - THOM	1131.935	0	0	112.9582	27.48872	1174.742	0
650 HAMPTON 109 - PHEN	1159.133	0	0	0	23.3661	1162.387	0
650 HAMPTON 110 - PHOE	234.1362	0	0	111.9313	1.021277	262.5409	0
650 HAMPTON 111 - HAM!	321.9759	0	0	56.47911	43.68446	332.5518	0
650 HAMPTON 112 - SMIT!	1231.536	0	0	369.6814	2.042553	1335.355	0
650 HAMPTON 115 - WYTH	451.7438	0	0	0	60.95506	461.2482	0
650 HAMPTON 116 - JONE	514.687	0	0	101.6624	3.06383	529.2	0
650 HAMPTON 117 - KECO	734.383	0	0	187.9214	6.12766	795.8591	0
650 HAMPTON 118 - MALL	1266.936	0	0	0	29.46161	1270.492	0
650 HAMPTON 201 - BOOK	740.5716	0	0	604.8399	3.06383	922.4965	0
650 HAMPTON 202 - BRYA	845.7782	0	0	531.9305	4.085106	969.8568	0
650 HAMPTON 203 - BURB	607.8007	0	0	0	79.24157	612.5953	0
650 HAMPTON 204 - FORR	717.6566	0	0	0	82.28933	686.4501	0
650 HAMPTON 205 - ASBU	867.4383	0	0	1103.91	3.06383	802	0
650 HAMPTON 208 - KRAF	1175.56	0	0	0	133.0852	1154.474	0
650 HAMPTON 209 - LANG	625.0507	0	0	425.1336	4.085106	742.3214	0
650 HAMPTON 210 - MACI	1421.966	0	0	0	93.46442	1442.43	0
650 HAMPTON 212 - BETH	1521.555	0	0	0	86.353	1537.151	0
650 HAMPTON 213 - PHILL	1095.386	0	0	831.7832	5.106383	1316.823	0
650 HAMPTON 214 - TUCK	886.0338	0	0	0	137.1489	867.3771	0
650 HAMPTON 215 - TYLEF	273.3308	0	0	65.72114	1.021277	294.4576	0

650 HAMPTON 216 - SAND	603.5996	0	0	0	79.1779	607.4475	0
650 HAMPTON 217 - SYMS	342.437	0	0	271.0997	1.021277	410.7992	0
660 HARRISON101 - NORT	963.7837	0	0	402.6614	2.095238	954.767	0
660 HARRISON102 - EAST	578.4814	0	0	206.7139	3.142857	560.82	0
660 HARRISON103 - SOUT	774.8272	0	0	403.7381	5.238095	777.3324	0
660 HARRISON104 - EAST	633.3738	0	0	432.8072	4.190476	632.6387	0
660 HARRISON105 - South	354.6893	0	0	148.5756	0	356.9815	0
660 HARRISON1201 - NORT	896.2239	0	0	550.1604	2.095238	877.6674	0
660 HARRISON1202 - SOUT	956.3944	0	0	518.938	5.238095	948.43	0
660 HARRISON1203 - WES	934.2263	0	0	497.4053	0	928.363	0
670 HOPEWELL 101 - WARI	241.568	0	0	309.2583	1	247.3561	263.5511
670 HOPEWELL 201 - WARI	405.0429	0	0	75.45478	3	378.8619	85.73348
670 HOPEWELL 301 - WARI	243.6505	0	0	713.1008	1	335.0267	515.4593
670 HOPEWELL 401 - WARI	549.7754	0	0	578.1324	0	580.2954	462.5374
670 HOPEWELL 501 - WARI	260.3103	0	0	479.2973	1	295.3662	356.6936
670 HOPEWELL 601 - WARI	509.167	0	0	82.89399	1	486.3627	95.25942
670 HOPEWELL 701 - WARI	340.4859	0	0	217.8624	1	375.7309	158.7657
678 LEXINGTON001 - LEXIN	1087	18	0	449	1	1159	375
680 LYNCHBUR 101 - FIRST	554.4816	0	0	627.4312	6.162162	0	0
680 LYNCHBUR 102 - FIRST	740.7038	0	0	993.6042	6.162162	658.8631	0
680 LYNCHBUR 103 - FIRST	586.9136	0	0	664.46	3.081081	522.0785	0
680 LYNCHBUR 104 - FIRST	310.7189	0	0	189.258	1.027027	290.2756	0
680 LYNCHBUR 105 - FIRST	465.5553	0	0	354.8587	6.162162	439.5901	0
680 LYNCHBUR 201 - SECO	878.1673	0	0	236.2142	2	808.1775	0
680 LYNCHBUR 202 - SECO	734.9202	0	0	149.568	2	666.1722	0
680 LYNCHBUR 203 - SECO	220.0608	0	0	84.58326	1	208.8314	0
680 LYNCHBUR 204 - SECO	130.7909	0	0	128.9379	1	127.3872	0
680 LYNCHBUR 301 - THIR	267.8099	0	0	238.2772	0	258.9509	0
680 LYNCHBUR 302 - THIR	19.87764	0	0	161.4864	2.054054	0	0
680 LYNCHBUR 303 - THIR	225.251	0	0	308.4194	0	0	0
680 LYNCHBUR 304 - THIR	199.8226	0	0	331.2014	1.027027	0	0
680 LYNCHBUR 305 - THIR	356.7514	0	0	714.8602	3.081081	0	0
680 LYNCHBUR 401 - FOUR	504.2644	0	0	1010.061	2.054054	0	0
680 LYNCHBUR 402 - FOUR	243.7627	0	0	382.6302	2.054054	234.9353	0
680 LYNCHBUR 403 - FOUR	487.5254	0	0	574.9739	1.027027	466.7382	0
680 LYNCHBUR 404 - FOUR	625.6227	0	0	690.1744	4.108108	0	0
683 MANASSAS001 - DEAN	777.8081	0	0	446.2907	3.947368	930.8502	0
683 MANASSAS002 - WEE	902.0799	0	0	757.3419	1.315789	1142.154	0
683 MANASSAS003 - METZ	853.2589	0	0	819.3267	6.578947	1134.369	0
683 MANASSAS004 - HAYD	731.2062	0	0	755.0879	2.631579	938.6351	0
683 MANASSAS005 - BALD	746.7402	0	0	614.2133	3.947368	921.9532	0
683 MANASSAS006 - ROU	626.9067	0	0	840.7396	6.578947	893.0379	0
685 MANASSAS001 - PREC	735.8445	0	0	332.5987	1	829.9397	0
685 MANASSAS002 - PREC	473.7479	0	0	326.9805	0	585.5808	0
685 MANASSAS003 - PREC	617.4076	0	0	376.4208	2	737.4796	0
690 MARTINSV 001 - PREC	0	0	157.2894	38.86492	0	0	185.2403
690 MARTINSV 002 - PREC	0	0	185.6015	254.7812	5.066667	0	191.5914

690 MARTINSV 003 - PREC	0	0	136.3175	86.36649	0	0	135.4901
690 MARTINSV 004 - PREC	0	0	209.7192	151.1414	2.533333	0	222.2884
690 MARTINSV 005 - PREC	0	0	202.379	482.5728	10.13333	0	190.5329
690 MARTINSV 006 - PREC	0	0	79.6933	17.2733	1.266667	0	87.85684
700 NEWPORT 101 - DENB	1171.432	0	27.43784	321.6491	3	1247.205	0
700 NEWPORT 102 - EPES	1111.728	0	32.51892	231.2174	2	1195.71	0
700 NEWPORT 103 - JENKI	868.7948	0	38.61622	502.5124	0	1020.627	0
700 NEWPORT 104 - MCIN	772.2215	0	16.25946	207.4231	1	852.7542	0
700 NEWPORT 105 - OYST	224.3084	0	0	0	34.89688	235.8463	0
700 NEWPORT 106 - RESEI	1210.548	0	31.5027	449.0755	1	1368.732	0
700 NEWPORT 107 - RICHI	1068.313	0	0	559.3541	1	1222.487	0
700 NEWPORT 108 - LEE H	917.3735	0	14.22703	251.424	3	994.8799	0
700 NEWPORT 109 - WINC	523.9533	0	11.17838	277.4608	1	612.7884	0
700 NEWPORT 110 - GREE	979.7163	0	0	288.8972	3	1062.853	0
700 NEWPORT 201 - BLAN	193.523	0	5.081081	59.6027	1	216.2782	0
700 NEWPORT 202 - BOUL	593.6969	0	0	0	118.0336	601.4595	0
700 NEWPORT 203 - CHAR	923.3518	0	53.85946	889.93	1	1193.65	0
700 NEWPORT 204 - WELL	499.2482	0	13.21081	328.8425	1	603.5193	0
700 NEWPORT 205 - DEEP	604.2447	0	20.32432	917.676	2	851.7243	0
700 NEWPORT 208 - HIDEI	373.6641	0	9.145946	575.4743	1	560.2636	0
700 NEWPORT 209 - HILTC	736.7193	0	0	0	143.693	754.9141	0
700 NEWPORT 210 - NELS	973.7913	0	20.32432	935.1458	2	1264.713	0
700 NEWPORT 211 - PALM	803.7084	0	0	35.85603	99.55875	825.8474	0
700 NEWPORT 212 - RIVEF	335.5771	0	20.32432	474.7663	3	502.5894	0
700 NEWPORT 213 - SANF	248.08	0	14.22703	399.7491	1	360.4637	0
700 NEWPORT 215 - WAR	344.8411	0	13.21081	300.0688	4.026379	477.8719	0
700 NEWPORT 216 - YATE	411.7511	0	18.29189	447.0202	3	555.1142	0
700 NEWPORT 217 - RIVEF	566.1577	0	16.25946	663.8508	0	772.4223	0
700 NEWPORT 218 - KILN	1164.121	0	0	796.0039	2	1393.388	0
700 NEWPORT 219 - DEER	963.0855	0	0	0	85.18945	950.1716	0
700 NEWPORT 302 - BRIAF	595.7548	0	0	0	23.60671	587.2921	0
700 NEWPORT 303 - CARV	385.8516	0	0	0	26.68585	386.2112	0
700 NEWPORT 304 - CHES	331.3179	0	0	0	5.131894	330.159	0
700 NEWPORT 305 - DOW	230.482	0	0	0	11.29017	230.6054	0
700 NEWPORT 306 - DUNE	90.5465	0	0	0	2.052758	94.63455	0
700 NEWPORT 307 - HUN	276.7842	0	0	0	5.131894	280.7894	0
700 NEWPORT 308 - JEFFE	299.4208	0	0	0	4.105516	306.5027	0
700 NEWPORT 309 - MAG	365.2728	0	0	0	4.105516	368.2147	0
700 NEWPORT 310 - MAR	455.8193	0	0	0	3.079137	456.6685	0
700 NEWPORT 311 - NEW	851.1211	0	0	0	88.16307	879.4063	0
700 NEWPORT 312 - NEW	88.48863	0	0	0	1.026379	88.4538	0
700 NEWPORT 313 - REED	689.3881	0	0	0	10.26379	697.3451	0
700 NEWPORT 314 - RIVEF	376.5911	0	0	0	66.71463	382.0916	0
700 NEWPORT 315 - SEDG	517.5556	0	0	0	82.11031	518.0379	0
700 NEWPORT 316 - SOUT	676.0119	0	0	0	87.24221	685.0027	0
700 NEWPORT 317 - WAS	203.7296	0	0	0	2.052758	201.5924	0
700 NEWPORT 318 - WILS	386.8805	0	0	0	10.26379	388.7853	0

700 NEWPORT 319 - SAUN	804.6291	0	0	0	164.2206	821.7976	0
700 NEWPORT 320 - WATI	974.4038	0	0	0	208.3549	974.1361	0
710 NORFOLK (101 - GRAN	1025.121	0	0	105.8615	77.00392	944.3208	0
710 NORFOLK (102 - OCEA	371.901	0	0	257.5284	0	367.8099	0
710 NORFOLK (103 - NORI	554.7694	0	0	378.6584	1	533.1177	0
710 NORFOLK (104 - TITUS	422.6351	0	0	0	9.247059	405.0041	0
710 NORFOLK (106 - SECO	839.5384	0	0	0	85.36343	717.0226	0
710 NORFOLK (201 - LARC	868.3095	0	0	0	77.54919	766.6149	0
710 NORFOLK (203 - GHEN	463.6504	0	0	0	25.84973	407.1439	38.86079
710 NORFOLK (207 - LAME	796.8991	0	0	0	19.6458	744.9183	0
710 NORFOLK (208 - LARC	587.8424	0	0	0	54.80143	512.4542	0
710 NORFOLK (210 - MAU	925.2309	0	0	0	51.69946	853.4015	0
710 NORFOLK (211 - CHRY	1115.659	0	0	0	67.2093	998.0458	0
710 NORFOLK (212 - PARK	621.9953	0	0	0	4.135957	594.0749	0
710 NORFOLK (213 - TAYL	1158.091	0	0	0	66.17531	1064.169	0
710 NORFOLK (214 - STUA	1032.864	0	0	0	62.03936	918.1239	221.9156
710 NORFOLK (215 - SUBU	643.1216	0	0	353.2109	1	638.5014	0
710 NORFOLK (217 - WESL	535.2498	0	0	226.9914	2	526.9186	0
710 NORFOLK (218 - WILL	1045.316	0	0	0	148.2864	882.8626	351.7924
710 NORFOLK (301 - BALLI	733.7681	0	0	0	18.61181	714.441	60.33649
710 NORFOLK (302 - TANN	391.8822	0	0	0	15.25815	370.1445	41.92875
710 NORFOLK (303 - BROA	1003.886	0	0	0	14.47585	991.5324	35.79283
710 NORFOLK (304 - COLE	464.9101	0	0	0	15.25815	440.4513	59.31384
710 NORFOLK (305 - LAFA	669.3594	0	0	0	26.768	621.3879	107.3785
710 NORFOLK (306 - LINDI	570.2486	0	0	0	11.37388	541.7758	44.99671
710 NORFOLK (309 - NORI	1185.932	0	0	0	70.1875	1110.434	209.6437
710 NORFOLK (310 - ROSE	1220.903	0	0	0	12.20652	1200.385	59.31384
710 NORFOLK (311 - SHER	1048.105	0	0	0	106.8071	934.6667	319.0675
710 NORFOLK (313 - UNIO	398.4495	0	0	0	1.033989	389.7891	12.27183
710 NORFOLK (402 - BERK	724.4537	0	0	0	4.135957	715.4749	17.38509
710 NORFOLK (404 - CAMI	674.7769	0	0	0	4.135957	655.5074	26.58896
710 NORFOLK (405 - CHES	838.2964	0	0	0	10.33989	814.7316	41.92875
710 NORFOLK (406 - BARR	525.5952	0	0	0	40.68841	441.1652	0
710 NORFOLK (408 - EASTI	619.1944	0	0	0	67.13587	543.8437	236.2327
710 NORFOLK (409 - FAIRL	470.0529	0	0	0	73.23913	416.6711	185.1001
710 NORFOLK (411 - RUFF	372.5762	0	0	0	4.135957	369.1106	10.22652
710 NORFOLK (412 - INGLI	795.0785	0	0	0	20.3442	754.764	79.76689
710 NORFOLK (413 - POPL	1091.304	0	0	0	39.6712	1034.957	149.3072
710 NORFOLK (414 - YOUN	640.6241	0	0	0	1.033989	618.2861	23.521
710 NORFOLK (415 - LAKE	490.6241	0	0	0	53.91214	430.1121	150.3299
710 NORFOLK (501 - BAYV	751.8789	0	0	0	135.2889	577.5441	0
710 NORFOLK (503 - EAST	775.1701	0	0	514	22.32699	763.5154	0
710 NORFOLK (504 - LARR	734.3933	0	0	0	84.42844	630.236	0
710 NORFOLK (505 - LITTL	480.3385	0	0	0	66.11866	357.216	0
710 NORFOLK (506 - OCEA	837.2909	0	0	401.0521	3	804.8424	0
710 NORFOLK (507 - PRETI	698.5986	0	0	436.6786	2	687.0605	0
710 NORFOLK (509 - TARR	660.3369	0	0	0	120.0308	449.9198	0

710 NORFOLK (510 - THIRI	731.3076	0	0	0	129.1857	521.7527	0
710 NORFOLK (511 - CROS	633.8755	0	0	456.0187	1	603.3735	0
710 NORFOLK (512 - AZAL	489.5955	0	0	0	50.86051	365.4043	0
720 NORTON C 001 - EAST	0	0	0	559	29	0	178
730 PETERSBUF 101 - FIRST	581.8853	85.15112	0	0	9.297297	548.2859	122.5483
730 PETERSBUF 201 - SECO	1168.229	140.7832	0	0	6.972973	1108.88	211.6743
730 PETERSBUF 301 - THIRI	1106.92	254.318	0	0	8.135135	1054.052	287.4315
730 PETERSBUF 401 - FOUR	735.717	141.9185	0	0	6.972973	641.1588	229.4995
730 PETERSBUF 501 - FIFTH	642.0803	82.88042	0	0	3.486486	610.9471	128.1187
730 PETERSBUF 601 - SIXTH	658.8011	48.81997	0	0	8.135135	638.9209	80.21343
730 PETERSBUF 701 - SEVEI	936.3671	110.1288	0	0	0	900.7554	151.5143
735 POQUOSOIO001 - CENT	341.3047	0	0	1045.15	0	330.9898	0
735 POQUOSOIO002 - EASTI	371.5469	0	0	1074.268	3	354.6319	0
735 POQUOSOIO003 - WEST	393.1484	0	0	1212.582	1	365.3783	0
740 PORTSMOI001 - EMAI	498.7289	188.5927	0	163.1977	2.055556	627.4426	0
740 PORTSMOI005 - HAMI	457.9524	12.29952	0	13.25981	1.027778	470.0608	0
740 PORTSMOI007- PARK	398.3558	74.82209	0	81.59884	1.027778	471.1031	0
740 PORTSMOI009 - THIRI	630.4687	44.07329	0	77.5189	3.083333	660.7951	0
740 PORTSMOI010 - PORT	235.2495	83.02177	0	121.3783	1.027778	327.2707	0
740 PORTSMOI011 - JOSEF	561.4621	16.39936	0	18.35974	0	578.4562	0
740 PORTSMOI013 - ST. M	285.4361	16.39936	0	10.19986	0	300.1719	0
740 PORTSMOI014 - BRIGI	603.2843	23.57408	0	16.31977	0	629.5272	0
740 PORTSMOI016 - CRAD	319.9393	58.42273	0	123.4183	2.055556	399.1869	0
740 PORTSMOI017 - VICTC	395.2192	66.62241	0	152.9978	2.055556	490.9061	0
740 PORTSMOI019 - VICTC	223.7484	62.52257	0	111.1784	0	294.9606	0
740 PORTSMOI020 - NOBL	443.3146	51.24801	0	82.61883	4.111111	492.9906	0
740 PORTSMOI021 - JOHN	447.4968	5.124801	0	8.159884	0	452.3424	0
740 PORTSMOI022 - ST. M	271.8439	76.87201	0	182.5774	1.027778	368.9613	0
740 PORTSMOI023 - WEST	170.4252	119.9203	0	278.4561	0	328.313	0
740 PORTSMOI024 - THE S	303.2105	77.89697	0	120.3583	0	395.0179	0
740 PORTSMOI025 - JOHN	519.9312	0	0	0	97.76378	496.1174	0
740 PORTSMOI026 - WILLI	818.6683	20.4992	0	15.29978	1.027778	820.2614	0
740 PORTSMOI027 - CAVA	727.7051	28.69888	0	22.43968	0	742.0916	0
740 PORTSMOI028 - LAKE\	1235.844	24.59904	0	40.79942	1.027778	1265.308	0
740 PORTSMOI029 - WOO	128.6031	69.69729	0	284.576	1.027778	151.5444	0
740 PORTSMOI030 - THE F	163.1063	80.97185	0	310.0756	2.055556	184.9887	0
740 PORTSMOI031 - WEST	501.8656	81.99681	0	278.4561	1.027778	640.9921	0
740 PORTSMOI032 - HODC	246.7506	84.04673	0	311.0956	1.027778	256.0578	0
740 PORTSMOI033- PINEC	118.1475	95.3213	0	303.9557	0	148.409	0
740 PORTSMOI034- CHUR	498.1377	0	0	0	61.48031	421.0745	0
740 PORTSMOI035 - CHUF	365.3612	136.3197	0	275.3961	19.16951	497.1597	0
740 PORTSMOI036 - CHUF	808.2127	211.1418	0	550.7922	7.194444	1072.489	0
740 PORTSMOI037 - CHUF	744.434	118.8954	0	281.516	4.111111	853.9297	0
740 PORTSMOI038 - GRO\	865.5142	0	0	0	103.811	883.1596	0
740 PORTSMOI039 - CHUF	1114.583	0	0	0	102.8031	1114.911	0
750 RADFORD (001 - EAST	368.2932	0	0	207.1304	0	0	263.6117
750 RADFORD (002 - CENT	597.5477	0	0	569.3482	1	0	385.3601

750 RADFORD (003 - WEST	540.2341	0	0	626.5953	1	0	409.7098
750 RADFORD (004 - NEW	361.925	0	0	201.9261	0	0	258.3183
760 RICHMOND 101 - ONE I	299.4928	0	0	213.0424	1.15	313.1072	0
760 RICHMOND 102 - ONE I	380.8881	0	0	404.367	0	385.6818	0
760 RICHMOND 104 - ONE I	531.1563	0	0	645.3325	1.15	667.8893	0
760 RICHMOND 105 - ONE I	657.4233	0	0	439.5293	2.3	746.0304	0
760 RICHMOND 106 - ONE I	371.4963	0	0	808.7339	1.15	490.3427	0
760 RICHMOND 111 - ONE I	635.1174	0	0	402.1277	1.15	599.2582	0
760 RICHMOND 112 - ONE I	601.0727	0	0	313.3585	1.15	584.7433	0
760 RICHMOND 113 - ONE I	1145.795	0	0	243.0339	3.45	1128.016	0
760 RICHMOND 114 - ONE I	1344.065	0	0	337.1448	0	1332.261	0
760 RICHMOND 115 - ONE I	454.9787	0	0	440.5635	1.15	436.4839	0
760 RICHMOND 203 - TWO	784.5142	0	160.8427	0	2.074074	758.9222	0
760 RICHMOND 204 - TWO	1030.253	0	213.0909	0	2.074074	1035.001	0
760 RICHMOND 206 - TWO	567.5646	0	63.51748	0	3.111111	571.888	0
760 RICHMOND 207 - TWO	1164.578	0	0	262.6834	5.75	1201.48	0
760 RICHMOND 208 - TWO	921.2644	0	172.1119	0	4.148148	944.9032	0
760 RICHMOND 213 - TWO	1208.131	0	88.1049	0	5.185185	1216.936	0
760 RICHMOND 214 - TWO	854.4316	0	112.6923	0	5.185185	893.7035	0
760 RICHMOND 215 - TWO	521.2958	0	110.6434	0	5.185185	516.3159	0
760 RICHMOND 301 - THRE	429.7863	0	31.75874	0	2.074074	430.7192	0
760 RICHMOND 302 - THRE	563.4519	0	73.76224	0	1.037037	574.9793	0
760 RICHMOND 303 - THRE	503.8164	0	40.97902	0	3.111111	506.971	0
760 RICHMOND 304 - THRE	735.0479	0	34.83217	0	1.037037	728.5131	0
760 RICHMOND 305 - THRE	702.2584	0	58.3951	0	5.185185	712.0263	0
760 RICHMOND 306 - THRE	508.9574	0	33.80769	0	3.111111	515.2144	0
760 RICHMOND 307 - THRE	775.2604	0	138.3042	0	2.074074	772.3673	0
760 RICHMOND 308 - THRE	805.0217	0	148.549	0	5.185185	808.8866	0
760 RICHMOND 309 - THRE	544.8879	0	141.3776	0	0	502.8378	0
760 RICHMOND 310 - THRE	165.5397	0	16.39161	0	0	164.8686	0
760 RICHMOND 402 - FOUR	1693.659	0	0	0	50.99558	1467.042	0
760 RICHMOND 404 - FOUR	1266.383	0	0	0	39.77655	1151.861	0
760 RICHMOND 409 - FOUR	793.0821	0	0	501.5805	0	791.0623	0
760 RICHMOND 410 - FOUR	884.409	0	0	0	71.39381	766.1796	0
760 RICHMOND 412 - FOUR	891.616	0	0	0	22.43805	802.4669	0
760 RICHMOND 413 - FOUR	862.9985	0	0	373.3414	2.3	850.1587	0
760 RICHMOND 414 - FOUR	842.128	0	0	479.8626	2.3	837.7174	0
760 RICHMOND 415 - FOUR	640.7268	0	0	402.2986	0	616.8835	0
760 RICHMOND 501 - FIVE I	1252.998	0	0	0	30.59735	1189.115	0
760 RICHMOND 503 - FIVE I	1346.69	0	0	0	18.35841	1279.385	0
760 RICHMOND 504 - FIVE I	1302.418	0	0	0	24.47788	1235.484	0
760 RICHMOND 505 - FIVE I	708.012	0	36.88112	0	12.29031	697.7522	0
760 RICHMOND 508 - FIVE I	685.7001	0	0	0	15.29867	637.6191	0
760 RICHMOND 509 - FIVE I	693.9367	0	0	0	14.27876	520.4179	187.8159
760 RICHMOND 510 - FIVE I	895.7343	0	0	0	11.21903	565.405	342.6092
760 RICHMOND 602 - SIX H	288.9233	0	18.44056	0	1.037037	297.7939	0
760 RICHMOND 603 - SIX H	672.4407	0	35.85664	0	4.148148	685.2351	0

760 RICHMOND 604 - SIX H	415.3915	0	103.472	0	1.037037	447.2061	0
760 RICHMOND 606 - SIX H	761.7247	0	61.46853	0	1.037037	780.0346	0
760 RICHMOND 607 - SIX H	661.1306	0	102.4476	0	3.111111	675.1006	0
760 RICHMOND 609 - SIX H	1011.746	0	92.2028	0	4.148148	609.3695	357.0566
760 RICHMOND 610 - SIX H	408.1941	0	21.51399	0	1.037037	397.7261	33.02257
760 RICHMOND 701 - SEVE	420.7505	0	0	0	8.194444	391.5915	35.08648
760 RICHMOND 702 - SEVE	560.6578	0	0	0	3.083333	442.7131	122.8027
760 RICHMOND 703 - SEVE	702.6225	0	0	0	22.61111	505.0815	201.2313
760 RICHMOND 705 - SEVE	681.8779	0	52.24825	0	7.222222	396.7037	313.7145
760 RICHMOND 706 - SEVE	1013.803	0	97.32517	0	6.222222	801.5868	289.9795
760 RICHMOND 707 - SEVE	1390.122	0	182.3566	0	3.111111	735.1287	743.0079
760 RICHMOND 708 - SEVE	980.8998	0	161.8671	0	2.074074	744.1261	328.1618
760 RICHMOND 802 - EIGH	520.2676	0	31.75874	0	1.037037	492.8123	61.91733
760 RICHMOND 806 - EIGH	669.2268	0	0	0	14.27876	632.8855	74.30079
760 RICHMOND 810 - EIGH	550.8251	0	0	0	13.25885	479.5207	83.58839
760 RICHMOND 811 - EIGH	575.535	0	0	0	7.139381	524.5077	77.39666
760 RICHMOND 812 - EIGH	1017.72	0	0	1	31.61726	893.6057	191.9437
760 RICHMOND 814 - EIGH	547.7364	0	0	0	3.059735	507.1263	51.59777
760 RICHMOND 902 - NINE	276.9569	0	0	0	4.079646	254.5856	24.76693
760 RICHMOND 903 - NINE	822.6342	0	0	0	17.3385	764.1061	0
760 RICHMOND 908 - NINE	695.9959	0	0	0	11.21903	659.3914	0
760 RICHMOND 909 - NINE	888.5273	0	0	0	25.49779	856.3794	0
760 RICHMOND 910 - NINE	731.0016	0	0	0	18.35841	681.1638	0
760 RICHMOND 911 - NINE	809.2496	0	0	0	7.139381	778.621	0
770 ROANOKE 001 - Peter	637.6584	0	0	0	22.62963	626.288	82.34403
770 ROANOKE 002 - Grant	632.4657	0	0	0	29.82997	570.1094	162.6295
770 ROANOKE 003 - Prestc	354.1393	0	0	113.0329	62.75098	369.3227	276.8818
770 ROANOKE 004 - Willia	434.1062	0	0	0	42.1734	368.2823	204.8308
770 ROANOKE 005 - East C	141.2403	0	0	267.5459	49.38788	304.8212	273.7939
770 ROANOKE 006 - Hollir	393.6035	0	0	0	50.40236	343.314	165.7174
770 ROANOKE 007 - South	115.277	0	0	157.6239	45.27104	218.4726	180.1276
770 ROANOKE 008 - Linco	434.1062	0	0	0	5.143098	429.6627	32.93761
770 ROANOKE 009 - Highl	589.8859	0	0	0	26.74411	543.0604	110.1351
770 ROANOKE 010 - Old S	878.5977	0	0	0	37.0303	822.9133	194.5378
770 ROANOKE 011 - RALEI	1110.19	0	0	7.258996	81.26236	1037.225	304.6729
770 ROANOKE 012 - SOUT	533.8052	0	0	124.4399	63.7829	576.3514	271.7353
770 ROANOKE 013 - GARC	69.58161	0	0	429.3178	31.89946	323.5475	312.9073
770 ROANOKE 014 - Cryst	809.0161	0	0	0	45.25926	741.7664	278.9404
770 ROANOKE 015 - Grant	367.6402	0	0	231.2509	90.54586	661.6598	267.6181
770 ROANOKE 016 - Deye	0	0	0	685.4567	98.79273	713.6771	394.222
770 ROANOKE 017 - LEE-H	753.9739	0	0	30.07299	50.40613	727.2015	241.8856
770 ROANOKE 018 - Sumn	635.5813	0	0	0	45.25926	576.3514	228.5047
770 ROANOKE 019 - Fores	540.0364	0	0	0	8.228956	531.6166	46.31851
770 ROANOKE 020 - EURE	838.095	0	0	0	7.200337	834.3571	44.25991
775 SALEM CITY 001 - NOR	346.4822	0	0	455.978	5.333333	336.3543	0
775 SALEM CITY 002 - CONE	96.88864	0	0	202.1889	0	95.65077	0
775 SALEM CITY 003 - BEVE	117.9514	0	0	299.071	0	119.8262	0

775 SALEM CIT'004 - WEST	191.671	0	0	461.2434	1.333333	200.7615	0
775 SALEM CIT'005 - NOR	285.4002	0	0	455.978	1.333333	281.6968	0
775 SALEM CIT'006 - SOUT	144.2798	0	0	219.0379	0	147.155	0
775 SALEM CIT'007 - SOUT	153.7581	0	0	347.5121	1.333333	150.3083	0
775 SALEM CIT'008 - EAST	65.29452	0	0	124.2619	0	57.8109	0
775 SALEM CIT'009 - SOUT	216.9463	0	0	569.7093	2.666667	213.3748	0
775 SALEM CIT'010 - HIDD	244.3279	0	0	556.0194	0	248.0613	0
790 STAUNTON 101 - WARI	651.8893	0	0	599.6146	1.133333	566.4914	0
790 STAUNTON 201 - WARI	633.8696	0	0	763.6207	4.533333	574.9623	0
790 STAUNTON 301 - WARI	702.7685	0	0	642.4442	7.933333	610.9636	0
790 STAUNTON 401 - WARI	663.5491	0	0	617.3732	2.266667	538.961	0
790 STAUNTON 501 - WARI	1005.924	0	0	466.9473	1.133333	910.6217	0
800 SUFFOLK C 101 - BELLE	709.9835	0	0	264.4237	2.387097	802.9621	0
800 SUFFOLK C 102 - DRIV	622.4367	0	0	1513.091	0	766.3333	0
800 SUFFOLK C 104 - BENN	636.3161	0	0	635.876	0	705.2758	0
800 SUFFOLK C 201 - EBEN	264.7758	0	0	880.363	3.580645	336.7222	0
800 SUFFOLK C 202 - CHUC	350.1874	0	0	709.3271	2.387097	590.6971	0
800 SUFFOLK C 203 - KING'	905.3625	0	0	478.481	3.580645	1095.631	0
800 SUFFOLK C 204 - HILLP	746.2834	0	0	366.2058	1.193548	882.2935	0
800 SUFFOLK C 301 - WHIT	258.3699	0	0	149.0007	0	298.946	0
800 SUFFOLK C 302 - JOHN	1200.032	0	0	150.05	0	1234.997	0
800 SUFFOLK C 304 - NANS	854.1155	0	0	471.1359	1.193548	1006.651	0
800 SUFFOLK C 305 - SHOL	341.6462	0	0	237.1419	0	425.6021	0
800 SUFFOLK C 401 - AIRPC	294.6699	0	0	410.2765	4.774194	310.0083	0
800 SUFFOLK C 402 - WHA	197.8662	0	0	577.904	6	200.2803	0
800 SUFFOLK C 403 - SOUT	529.5516	0	0	54.56362	0	554.2476	0
800 SUFFOLK C 404 - BOOK	806.0715	0	0	53.51432	1.193548	814.7546	0
800 SUFFOLK C 405 - PITTN	135.4378	0	0	174.5003	0	138.4917	0
800 SUFFOLK C 501 - KILBY	524.2134	0	0	953.8141	4.774194	553.9667	0
800 SUFFOLK C 502 - HOLL	449.6959	0	0	798.5956	1	448.5	0
800 SUFFOLK C 504 - LAKE	361.9315	0	0	1122.751	1.193548	453.5414	0
800 SUFFOLK C 601 - LAKE'	610.6926	0	0	614.89	3.580645	637.0618	0
800 SUFFOLK C 602 - OLDE	179.3643	0	0	133.2612	0	228.3457	0
800 SUFFOLK C 603 - ELEPH	193.2436	0	0	195.1699	1.193548	233.3966	0
800 SUFFOLK C 604 - WILR	428.1254	0	0	443.8541	1.193548	573.5444	0
800 SUFFOLK C 605 - HOLL	521.0105	0	0	30.42971	1.193548	528.5185	0
800 SUFFOLK C 702 - HARB	844.5067	0	0	713.5243	3.580645	1034.524	0
800 SUFFOLK C 704 - BURB	938.4594	0	0	407.1286	0	1032	0
800 SUFFOLK C 706 - HUNT	1146.65	0	0	185.7262	0	1230.708	0
810 VIRGINIA B 001 - NOR	671.1607	0	0	1307.347	1	761.0702	0
810 VIRGINIA B 002 - SOUT	675.4768	0	0	697.7473	3	713.1036	0
810 VIRGINIA B 003 - OCEA	415.3082	0	0	521.9727	3.130435	438.095	0
810 VIRGINIA B 004 - LINK	535.2021	0	0	932.4537	1	586.2586	0
810 VIRGINIA B 005 - SEAT	724.5186	0	0	444.0289	1.083333	719.4992	0
810 VIRGINIA B 006 - ALAN	625.8411	0	0	1056.71	1	710.9718	0
810 VIRGINIA B 007 - KING'	419.7736	0	0	692.939	1.090909	422.5342	0
810 VIRGINIA B 008 - LONG	717.5592	0	0	708.3675	1	750.411	0

810 VIRGINIA B 009 - TRAN	510.3842	0	0	1008.919	1	577.7312	0
810 VIRGINIA B 010 - GRE	448.8792	0	0	1330.711	1	499.9187	0
810 VIRGINIA B 011 - CAPE	874.0195	0	0	1132.114	1	985.9803	0
810 VIRGINIA B 012 - PLAZ	724.0334	0	0	546.9404	1	746.1473	0
810 VIRGINIA B 013 - MT T	785.1507	0	0	882.9749	5.294118	773.7723	0
810 VIRGINIA B 014 - MALI	625.8411	0	0	733.856	3	609.1622	0
810 VIRGINIA B 015 - OLD I	422.9298	0	0	492.2402	1.090909	421.4857	0
810 VIRGINIA B 016 - ARAG	708.0393	0	0	836.5971	4.363636	706.6701	0
810 VIRGINIA B 017 - OCEA	487.1058	0	0	643.2925	1.090909	490.6849	0
810 VIRGINIA B 018 - THOR	756.4342	0	0	992.9309	2.181818	750.7059	0
810 VIRGINIA B 019 - LAKE	316.6713	0	0	509.1412	2.181818	336.5595	0
810 VIRGINIA B 020 - BAYS	535.5007	0	0	646.4614	0	550.4478	0
810 VIRGINIA B 021 - DAVI	886.8902	0	0	266.19	3.272727	879.668	0
810 VIRGINIA B 022 - POIN	476.102	0	0	705.335	1.058824	473.9093	0
810 VIRGINIA B 023 - ARRC	579.4662	0	0	765.9415	1.058824	567.2233	0
810 VIRGINIA B 024 - LARK	476.102	0	0	502.6165	0	471.8124	0
810 VIRGINIA B 025 - AVAL	899.9998	0	0	1028.222	3.176471	880.7164	0
810 VIRGINIA B 026 - FAIRF	601.392	0	0	821.3234	1.058824	618.5985	0
810 VIRGINIA B 027 - EDWI	660.9047	0	0	926.8624	3.176471	654.2465	0
810 VIRGINIA B 028 - THAL	460.7486	0	0	662.7006	2	460.2792	0
810 VIRGINIA B 029 - HOLL	655.0303	0	0	464.3251	0	682.1918	0
810 VIRGINIA B 030 - RED \	456.8552	0	0	825.3714	1.083333	500.9846	0
810 VIRGINIA B 031 - SIGM	523.5023	0	0	1115.819	0	570.2697	0
810 VIRGINIA B 032 - CREE	155.8682	0	0	629.9987	2.166667	174.7212	0
810 VIRGINIA B 033 - CAPP	127.9195	0	0	771.0432	1.083333	213.1849	0
810 VIRGINIA B 034 - BLAC	112.8701	0	0	347.9097	0	104.0007	0
810 VIRGINIA B 035 - COUF	596.1512	0	0	1047.09	1.043478	607.5771	0
810 VIRGINIA B 036 - WINC	901.3556	0	0	602.9254	2.05	884.9103	0
810 VIRGINIA B 037 - CHES	452.3876	0	0	500.6907	0	468	0
810 VIRGINIA B 038 - WITC	734.3409	0	0	1245.389	5.454545	747.5605	0
810 VIRGINIA B 039 - PEME	788.2059	0	0	763.7182	2.149733	780.0631	0
810 VIRGINIA B 040 - BONN	448.9558	0	0	480.6727	2.117647	455.0368	0
810 VIRGINIA B 041 - COLLI	1283.812	0	0	382.4483	3.058824	1255.021	0
810 VIRGINIA B 042 - BRAN	711.0207	0	0	654.1329	2.117647	706.6701	0
810 VIRGINIA B 043 - BELL	686.4491	0	0	365.9134	1.025	663.5247	0
810 VIRGINIA B 044 - CENT	766.7782	0	0	765.0916	4.1	747.5605	0
810 VIRGINIA B 045 - TIMB	779.2971	0	0	350.3205	1.025	801.5754	0
810 VIRGINIA B 046 - GREE	617.1795	0	0	415.0626	1.043478	675.7963	0
810 VIRGINIA B 047 - KING	656.0542	0	0	1177.78	3	665.7797	0
810 VIRGINIA B 048 - WOLI	629.0782	0	0	983.4307	3	689.6533	0
810 VIRGINIA B 049 - LYNN	625.8411	0	0	1053.524	1	672.5985	0
810 VIRGINIA B 050 - OCEA	495.5535	0	0	219.4025	1.083333	491.3913	0
810 VIRGINIA B 051 - STRA	511.1855	0	0	687.1271	1.025	495.9272	0
810 VIRGINIA B 052 - HOM	858.2365	0	0	961.3454	2.117647	862.8924	0
810 VIRGINIA B 053 - SHAN	539.7911	0	0	685.4811	1.058824	542.06	0
810 VIRGINIA B 054 - CROM	514.3152	0	0	431.4035	3.075	495.0435	0
810 VIRGINIA B 055 - MAG	782.2513	0	0	383.6185	2.086957	805.8391	0

810 VIRGINIA B 056 - EDINI	319.3948	0	0	402.5057	1	311.3962	0
810 VIRGINIA B 057 - SHER	342.3271	0	0	531.8748	1.058824	365.9167	0
810 VIRGINIA B 058 - GLEN	652.0223	0	0	593.5697	4.1	630.2444	0
810 VIRGINIA B 059 - SHEL	413.4613	0	0	493.2965	0	419.3888	0
810 VIRGINIA B 060 - FOXF	619.2823	0	0	1048.138	0	650.2141	0
810 VIRGINIA B 061 - BAKE	909.2026	0	0	137.3202	5.363636	924.7523	0
810 VIRGINIA B 062 - LAND	660.2874	0	0	794.4885	1.043478	696.0488	0
810 VIRGINIA B 063 - CULV	722.3687	0	0	911.0429	2.166667	746.1473	0
810 VIRGINIA B 064 - ROSE	589.4282	0	0	574.8582	5.125	568.884	0
810 VIRGINIA B 065 - COLO	673.9303	0	0	580.0558	3.075	641.6648	0
810 VIRGINIA B 066 - HUN	493.1127	0	0	767.2369	3.130435	520.1712	0
810 VIRGINIA B 067 - EASTI	325.869	0	0	253.8228	2	342.1618	0
810 VIRGINIA B 068 - MAN	618.6388	0	0	760.9335	2.05	581.9019	0
810 VIRGINIA B 069 - SHEL	743.8094	0	0	353.8637	0	745.4636	0
810 VIRGINIA B 070 - CORP	579.3999	0	0	610.148	1.083333	591.5882	0
810 VIRGINIA B 071 - ROU	406.8619	0	0	319.1347	2.05	404.5628	0
810 VIRGINIA B 072 - RUDE	522.4274	0	0	846.2669	3.25	553.2149	0
810 VIRGINIA B 073 - DAHL	693.7517	0	0	299.3837	1.025	715.2355	0
810 VIRGINIA B 074 - BUCK	678.1614	0	0	377.3296	0	710.9718	0
810 VIRGINIA B 075 - COLO	598.8652	0	0	1117.245	2	676.8622	0
810 VIRGINIA B 076 - VILLA	674.4778	0	0	248.6959	5.294118	669.9736	0
810 VIRGINIA B 077 - BRO	545.6834	0	0	526.1652	1.043478	563.8742	0
810 VIRGINIA B 078 - INDIA	560.2176	0	0	501.0518	2.05	540.8038	0
810 VIRGINIA B 079 - PLEA	743.3873	0	0	297.8081	1.058824	738.1243	0
810 VIRGINIA B 080 - CHIM	640.3106	0	0	311.2969	3.130435	664.0711	0
810 VIRGINIA B 081 - ROCK	802.2282	0	0	547.128	2.086957	833.5531	0
810 VIRGINIA B 082 - SHEL	491.0099	0	0	632.0271	1.043478	521.2372	0
810 VIRGINIA B 083 - STRA	567.7631	0	0	799.7292	0	590.5223	0
810 VIRGINIA B 084 - TALL	726.682	0	0	467.0885	2.117647	708.767	0
810 VIRGINIA B 085 - UPTC	676.0586	0	0	942.276	0	703.5103	0
810 VIRGINIA B 086 - HAYG	711.1954	0	0	882.0184	2.181818	738.1243	0
810 VIRGINIA B 087 - HILLC	592.5579	0	0	628.9136	0	567.844	0
810 VIRGINIA B 088 - NOR	469.9816	0	0	596.3905	4.173913	445.1231	0
810 VIRGINIA B 089 - LAKE	660.3682	0	0	709.9967	4.1	637.471	0
810 VIRGINIA B 090 - LAKE	345.0771	0	0	565.1256	2.181818	361.7228	0
810 VIRGINIA B 091 - LEXIN	784.1066	0	0	449.3245	2.117647	771.6754	0
810 VIRGINIA B 092 - LITTL	376.639	0	0	723.572	1.090909	379.5468	0
810 VIRGINIA B 093 - NEW	877.4216	0	0	170.0658	4.363636	890.1527	0
810 VIRGINIA B 094 - PINE	337.7384	0	0	386.5754	1	350.6892	0
810 VIRGINIA B 095 - DAM	372.2002	0	0	407.7256	1.043478	381.601	0
810 VIRGINIA B 096 - HILLT	478.0131	0	0	278.2493	0	497.7868	0
810 VIRGINIA B 097 - INDIA	698.9679	0	0	365.9134	3.075	677.0448	0
810 VIRGINIA B 098 - INDEI	478.8452	0	0	221.4192	2.05	496.7209	0
810 VIRGINIA B 099 - SALEI	435.0293	0	0	288.9884	0	421.203	0
810 VIRGINIA B 100 - SAND	196.7165	0	0	535.969	0	235.5694	0
820 WAYNESBC 001 - WARI	353.8566	0	0	305.3811	0	317.6356	0
820 WAYNESBC 002 - WARI	720.1657	0	0	820.8399	0	649.8035	0

820 WAYNESBC 003 - WARI	520.9268	0	0	534.9294	1	463.997	0
820 WAYNESBC 004 - WARI	772.0509	0	0	1110.85	0	670.564	0
830 WILLIAMSE 001 - STRYI	1624.264	0	0	714.819	5	1856.857	0
830 WILLIAMSE 002 - MATC	1485.736	0	0	562.181	2	1667.143	0
840 WINCHEST 101 - MERF	891.5202	0	0	759.1981	1	879.4132	0
840 WINCHEST 102 - OLD 1	541.7782	0	0	563.3774	1	530.2187	0
840 WINCHEST 201 - VIRGI	602.9295	0	0	375.934	0	593.4164	0
840 WINCHEST 301 - WAR	510.6662	0	0	460.7547	1	527.0052	0
840 WINCHEST 401 - FRED	241.3863	0	0	248.1792	0	248.5065	0
840 WINCHEST 402 - ROLL	496.7195	0	0	589.5566	1	503.4399	0

GE19SLUL GE19SLUR GE19SLUW

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0	0	32.85561
0	0	0
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0	0	1.026738
0	230.3514	1.072727
0	0	8.213904
0	0	17.45455
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0	0	15.40107
0	0	1.026738
0	0	16.42781
0	540.5579	4.290909
0	555.9147	1.072727
0	323.5157	3.218182
0	365.7231	1
0	433.0606	3.218182
0	454.5601	4.290909
0	616.5911	5.218182

0	595.8422	0
0	491.4163	2.145455
0	336.0145	1
0	439	6
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0	0	11.11111
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0	0	15.55556
0	0	4.444444
0	0	5.555556
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0	321.0086	5
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0	364.6902	0
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0	0	100.2652
0	0	106.3419
0	237.1556	45.86667
0	666.3444	46.90909

0	656.9001	50.03636
0	246.5999	29.18788
0	201.3159	0
0	398.5022	0
386.2627	22.71256	20.88364
291.7516	0	13.59091
346.1982	249.8382	18.81818
0	439.7978	1.02
0	327.2674	0
0	258.0973	2.04
0	341.7208	2.04
0	458.3808	2.04
0	225.0608	3.06
43.14636	195.1216	1.02
61.63766	0	3.136364
176.6946	0	8.363636
154.0941	0	2.090909
86.29272	0	3.136364
0	85.6883	2.04
0	140.4049	1.02
32.87342	0	2.090909
62.66495	0	4.181818
44.17366	0	0
42.11907	0	1.045455
51.36472	0	4.181818
27.73695	0	3.136364
69.85601	86.72069	3.136364
148.9577	0	4.181818
0	240.5467	2.04
14.38212	0	1.045455
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0	287.0042	2.04
0	499.6764	1.02
0	351.0123	1.02
0	216.8017	3.06
0	384.0488	1.02
0	477.9962	2.04
0	425.3444	1.02
149.985	0	5.227273
0	148.664	1.02
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0	118.7248	1.02
0	0	7.263158
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9.245649	0	2.090909
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0	65.04052	3.06
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0	0	1.02381
0	459.7321	1.5
0	202.4508	0
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0	459.7321	0
0	216.1584	0
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0	129.6951	0
0	572.5563	4.5
0	554.6309	0
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0	730.2502	9.3
0	727.1071	3.1
0	547.9496	5.166667
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0	1314.663	1
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0	771.1998	1
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0	0	85.59479
0	0	77.24408
0	47.75113	16.70142
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0	0	98.12085
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0	376.8187	2.166667
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0	0	0
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0	898.9669	1.083333
0	807.6169	2.166667
0	856.4061	44.0782
0	544.9857	0
0	0	19.83294
0	79.93124	18.7891
0	0	67.84953
0	0	4.175355
0	0	141.9621
0	0	100
0	0	24.00829
0	1208.005	2.065934
0	653.1468	6.197802
0	506.2416	1.032967
0	878.2605	1.032967
0	448.1137	3.098901
0	968.0946	1.032967
0	683.2887	0
0	666.8861	5.164835

0	935.3316	2.065934
0	1274.587	0
0	1014.597	2.065934
0	517.8672	2.065934
0	896.0304	7.397727
0	732.5442	5.284091
0	490.4588	0
0	836.2951	3.170455
0	629.8413	2.113636
0	991.3974	1.056818
0	483.1228	3.170455
0	626.6973	0
0	266.1892	2.113636
0	714.7284	1.056818
0	781.7997	1.056818
0	511.4185	1.056818
0	1060.565	2.113636
0	811.1433	0
0	940.046	2.113636
0	645.5611	3.170455
0	449.1705	3.098901
0	795.8245	2.065934
0	1080.123	1.032967
0	586.8172	0
0	681.6824	3.098901
0	343.174	0
0	1056.872	2.065934
0	636.1292	2.113636
0	469	0
0	1230.339	2.113636
0	774.4637	3.170455
0	483.1228	1.056818
0	428.6274	2.113636
0	661.2809	6.340909
0	371.1671	6.136364
0	798.5675	3.170455
0	347.7108	5.164835
0	364.6208	3.098901
0	1142.308	3.170455
0	915.251	4.131868
0	995.5733	4.131868
0	223	3.098901
0	713.6804	0
0	966.2457	2.113636
0	686.4327	3.170455
0	442.7048	4.090909
0	375.1895	4.131868

0	402.4277	1.056818
0	517.7065	1.056818
0	601.3321	9.204545
0	479.9789	1.056818
0	1038.905	0
0	129.9506	2.113636
0	775.7439	2.065934
0	898.3411	2.065934
0	589.9275	3.068182
0	616.2174	3.170455
0	752.4928	5.164835
0	235.6824	2.065934
0	813.2393	2.113636
0	352.1242	1.056818
0	602.417	0
0	313.1074	4.090909
0	835.9856	2.065934
0	299.0947	3.098901
0	360.3933	0
0	1033.621	2.065934
0	259.9012	1.056818
0	519.981	4.131868
0	506.9852	7.159091
0	310.2047	2.113636
0	300.1516	1.032967
0	530.5497	1.032967
0	611.9288	3.098901
0	792.6539	1.032967
0	494.6507	1.056818
0	932.161	0
0	844.679	1.056818
0	639.693	2.045455
0	601.3321	5.113636
0	747.216	3.170455
0	544.9542	0
0	466.355	5.284091
0	714.7284	1.056818
0	160.3423	3.170455
0	373.0758	0
0	411.1232	1.032967
0	253.6492	1.032967
0	374.2774	1.022727
0	219.8293	2.065934
0	295.4822	3.068182
0	503.071	0
0	336.416	1
0	876.9381	4

0	587.7024	2
0	1196.944	2
0	0	114.9259
0	0	88.07407
0	771.0721	2
0	580.1399	0
0	386.0606	3
0	450.0543	2
0	240.2388	1
0	586.4344	1

LocalityCoc	LocalityNar	PrecinctNa	GE20PRSD	GE20PRSL	GE20PRSR	GE20PRSW	GE20SLLD	GE20SLLR	GE20SLLW
1	ACCOMACI	101 - CHIN	837.5299	29.27869	1617.701	2	0	0	0
1	ACCOMACI	201 - ATLA	321.8456	10.78689	656.4363	2	0	0	0
1	ACCOMACI	202 - GREE	515.6844	18.4918	1091.042	0	0	0	0
1	ACCOMACI	301 - NEW	1013.082	13.86885	666.9997	2	0	0	0
1	ACCOMACI	401 - BLOX	307.2162	7.704918	461.769	0	0	0	0
1	ACCOMACI	402 - PARK	387.6776	10.78689	585.511	0	0	0	0
1	ACCOMACI	403 - SAXIS	124.3494	0	229.3755	0	0	0	0
1	ACCOMACI	501 - MAPI	482.7683	6.163934	224.8483	2	0	0	0
1	ACCOMACI	502 - RUE	362.0763	4.622951	125.2511	0	0	0	0
1	ACCOMACI	601 - ACCC	413.279	15.40984	558.3481	2	0	0	0
1	ACCOMACI	602 - TANG	80.46139	6.163934	315.3912	2	0	0	0
1	ACCOMACI	701 - NANI	471.7963	20.03279	763.5788	4	0	0	0
1	ACCOMACI	801 - BOBT	263.3282	3.081967	342.5541	2	0	0	0
1	ACCOMACI	802 - MELF	504.7124	10.78689	440.6423	4	0	0	0
1	ACCOMACI	803 - WACI	219.4402	13.86885	422.5337	2	0	0	0
1	ACCOMACI	901 - PAIN	1272.753	16.95082	670.0178	0	0	0	0
3	ALBEMARL	101 - WOO	1778.349	45.11025	682.275	23.45912	0	0	0
3	ALBEMARL	103 - BRAN	745.4449	13.72921	204.6825	4.691824	0	0	0
3	ALBEMARL	104 - AGNC	1797.838	52.95551	502.7289	2.345912	0	0	0
3	ALBEMARL	105 - DUNL	1676.033	62.76209	545.82	14.07547	0	0	0
3	ALBEMARL	106 - NORI	2221.718	43.14894	1296.322	11.72956	0	0	0
3	ALBEMARL	201 - JACK	1422.679	45.11025	711.0023	11.72956	0	0	0
3	ALBEMARL	202 - UNIV	1739.372	19.61315	201.0916	30.49686	0	0	0
3	ALBEMARL	203 - GEOR	2367.884	35.30368	421.9332	16.42138	0	0	0
3	ALBEMARL	301 - IVY	2333.779	45.11025	908.503	23.45912	0	0	0
3	ALBEMARL	302 - RED F	2002.47	25.4971	1088.049	14.07547	0	0	0
3	ALBEMARL	304 - EAST	609.0236	11.76789	206.4779	16.42138	0	0	0
3	ALBEMARL	305 - COUN	1120.603	27.45841	526.0699	18.7673	0	0	0
3	ALBEMARL	306 - PORT	1637.056	19.61315	721.7751	7.037736	0	0	0
3	ALBEMARL	307 - YELL	604.1514	15.69052	332.1602	4.691824	0	0	0
3	ALBEMARL	401 - SCOT	891.6106	27.45841	974.935	2.345912	0	0	0
3	ALBEMARL	402 - MON	648.0011	23.53578	671.5022	9.383648	0	0	0
3	ALBEMARL	405 - MOU	1403.19	54.91683	517.0926	9.383648	0	0	0
3	ALBEMARL	406 - STON	1091.37	39.22631	1059.322	18.7673	0	0	0
3	ALBEMARL	407 - BISCL	1047.521	17.65184	299.8419	7.037736	0	0	0
3	ALBEMARL	501 - KESW	1193.686	21.57447	633.7975	7.037736	0	0	0
3	ALBEMARL	502 - STON	1023.16	21.57447	711.0023	14.07547	0	0	0
3	ALBEMARL	503 - HOLL	2075.553	33.34236	709.2069	14.07547	0	0	0
3	ALBEMARL	504 - FREE	1120.603	29.41973	396.7968	2.345912	0	0	0
3	ALBEMARL	506 - BAKE	1622.439	68.64603	1052.14	9.383648	0	0	0
3	ALBEMARL	507 - PANT	735.7006	29.41973	384.2285	21.11321	0	0	0
3	ALBEMARL	601 - CROZ	1505.506	43.14894	1154.481	7.037736	0	0	0
3	ALBEMARL	602 - FREE	1101.115	15.69052	743.3206	4.691824	0	0	0
3	ALBEMARL	603 - EARL	1812.454	27.45841	1420.209	9.383648	0	0	0
3	ALBEMARL	604 - BROV	1369.085	37.26499	827.7073	21.11321	0	0	0
3	ALBEMARL	606 - MECH	1768.605	60.80077	899.5257	16.42138	0	0	0

5 ALLEGHAN' 101 - ARRI	153.5992	0	720.249	3	0	0	0
5 ALLEGHAN' 103 - DAMI	60.98792	2.738462	281.721	1.5	0	0	0
5 ALLEGHAN' 201 - HUM	101.6465	4.107692	380.0576	3	0	0	0
5 ALLEGHAN' 202 - DOLL	149.0816	9.584615	450.4879	0	0	0	0
5 ALLEGHAN' 301 - CALL	63.24673	4.107692	462.4477	0	0	0	0
5 ALLEGHAN' 302 - GRIFF	214.5871	4.107692	583.3751	0	0	0	0
5 ALLEGHAN' 401 - LOW	117.4582	5.476923	401.3196	0	0	0	0
5 ALLEGHAN' 402 - JACKS	142.3051	5.476923	453.1456	0	0	0	0
5 ALLEGHAN' 501 - IRON	140.0463	4.107692	217.9351	1.5	0	0	0
5 ALLEGHAN' 502 - PETEI	280.0926	8.215385	774.7328	1.5	0	0	0
5 ALLEGHAN' 601 - DISTF	444.9859	16.43077	685.6983	0	0	0	0
5 ALLEGHAN' 701 - DISTF	374.9627	24.64615	447.8301	1.5	0	0	0
7 AMELIA CC 101 - NUM	408.4012	17.14286	1098.179	0	0	0	0
7 AMELIA CC 201 - NUM	483.633	22.85714	1076.836	0	0	0	0
7 AMELIA CC 301 - NUM	440.6434	15.2381	1090.418	4.333333	0	0	0
7 AMELIA CC 401 - NUM	322.422	9.52381	882.8114	0	0	0	0
7 AMELIA CC 501 - NUM	755.9004	15.2381	1241.757	8.666667	0	0	0
9 AMHERST (101 - WRIG	808.8935	15.30488	610.2049	0	0	0	0
9 AMHERST (102 - NEW	399.5739	12.2439	977.6763	0	0	0	0
9 AMHERST (103 - COOL	237.1455	26.01829	637.1753	6.833333	0	0	0
9 AMHERST (201 - COUF	691.945	30.60976	1087.244	5.125	0	0	0
9 AMHERST (202 - TEMF	279.3769	4.591463	868.1092	1.708333	0	0	0
9 AMHERST (301 - MON	289.1226	12.2439	718.0864	3.416667	0	0	0
9 AMHERST (302 - ELON	678.9507	24.4878	1808.701	3.416667	0	0	0
9 AMHERST (303 - PLEA'	220.9026	7.652439	514.1229	1.708333	0	0	0
9 AMHERST (401 - AMEI	818.6392	44.38415	1673.849	8.541667	0	0	0
9 AMHERST (402 - LONC	220.9026	12.2439	495.5808	0	0	0	0
9 AMHERST (501 - MADI	1026.548	61.21951	1650.25	10.25	0	0	0
11 APPOMAT' 101 - VERA	136.5459	5.028169	610.4254	7.631579	0	0	0
11 APPOMAT' 102 - PAMI	347.0541	11.73239	925.6005	4.578947	0	0	0
11 APPOMAT' 201 - CHAP	264.5576	3.352113	309.7411	1.526316	0	0	0
11 APPOMAT' 202 - SPOU	256.0235	16.76056	1121.226	1.526316	0	0	0
11 APPOMAT' 301 - US 4	167.8376	11.73239	686.5022	3.052632	0	0	0
11 APPOMAT' 302 - STON	213.3529	5.028169	911.1097	3.052632	0	0	0
11 APPOMAT' 401 - COUF	401.1035	45.25352	849.5238	1.526316	0	0	0
11 APPOMAT' 501 - OAKV	409.6376	8.380282	889.3735	6.105263	0	0	0
11 APPOMAT' 502 - AGEE	221.8871	11.73239	398.4973	0	0	0	0
13 ARLINGTO' 001 - ARLIN	2995.793	24.96073	486.3422	0	0	0	0
13 ARLINGTO' 002 - ASHT	2134.1	47.14804	408.4199	21.44938	0	0	0
13 ARLINGTO' 003 - AURC	692.5758	41.60121	185.4012	15.32099	0	0	0
13 ARLINGTO' 004 - BALLS	2593.133	41.60121	526.6468	33.70617	0	0	0
13 ARLINGTO' 005 - BARC	2399.856	27.73414	443.3506	39.83457	0	0	0
13 ARLINGTO' 006 - CRYST	1352.939	19.4139	354.6805	18.38519	0	0	0
13 ARLINGTO' 007 - CHER	2166.313	30.50755	548.1425	15.32099	0	0	0
13 ARLINGTO' 008 - HUM	2641.452	38.82779	513.2119	30.64198	0	0	0
13 ARLINGTO' 009 - COLU	2029.408	33.28097	411.1069	21.44938	0	0	0
13 ARLINGTO' 010 - WILSI	2271.004	27.73414	542.7686	33.70617	0	0	0

13 ARLINGTOI011 - EAST	1256.3	16.64048	427.2288	21.44938	0	0	0
13 ARLINGTOI012 - FAIRL	2214.632	63.78852	521.2728	24.51358	0	0	0
13 ARLINGTOI013 - GLEN	1989.142	22.18731	480.9682	15.32099	0	0	0
13 ARLINGTOI014 - CLAR	1530.109	36.05438	333.1847	21.44938	0	0	0
13 ARLINGTOI015 - LYON	1699.227	27.73414	298.254	6.128395	0	0	0
13 ARLINGTOI016 - LYON	2005.249	27.73414	394.9851	49.02716	0	0	0
13 ARLINGTOI017 - OVER	1715.333	22.18731	513.2119	55.15556	0	0	0
13 ARLINGTOI018 - PARK	1852.238	49.92145	510.5249	33.70617	0	0	0
13 ARLINGTOI019 - ROSS	1876.397	44.37462	462.1594	24.51358	0	0	0
13 ARLINGTOI020 - THRIF	1191.875	38.82779	384.2372	24.51358	0	0	0
13 ARLINGTOI021 - VIRGI	628.1501	11.09366	166.5923	15.32099	0	0	0
13 ARLINGTOI022 - ABIN	2327.377	52.69486	515.8989	36.77037	0	0	0
13 ARLINGTOI023 - WEST	2440.122	27.73414	515.8989	27.57778	0	0	0
13 ARLINGTOI024 - WOO	2045.515	36.05438	462.1594	21.44938	0	0	0
13 ARLINGTOI025 - ARLIN	2271.004	30.50755	408.4199	21.44938	0	0	0
13 ARLINGTOI026 - FILLM	2633.399	52.69486	491.7161	18.38519	0	0	0
13 ARLINGTOI027 - JEFFE	2190.472	36.05438	424.5418	18.38519	0	0	0
13 ARLINGTOI028 - WAKI	3245.442	61.01511	518.5858	27.57778	0	0	0
13 ARLINGTOI029 - DOM	1876.397	52.69486	397.672	15.32099	0	0	0
13 ARLINGTOI030 - GLEB	3253.496	27.73414	365.4284	6.128395	0	0	0
13 ARLINGTOI031 - LEXIN	2061.621	30.50755	413.7939	21.44938	0	0	0
13 ARLINGTOI032 - OAKR	821.4271	19.4139	257.9494	15.32099	0	0	0
13 ARLINGTOI033 - ROCK	1481.79	41.60121	556.2035	27.57778	0	0	0
13 ARLINGTOI034 - YORK	1224.087	27.73414	462.1594	21.44938	0	0	0
13 ARLINGTOI035 - MADI	918.0656	24.96073	472.9073	30.64198	0	0	0
13 ARLINGTOI036 - MAR	1940.823	58.24169	451.4115	30.64198	0	0	0
13 ARLINGTOI037 - NOTT	1441.524	44.37462	478.2812	21.44938	0	0	0
13 ARLINGTOI038 - ARLIN	2689.771	33.28097	351.9935	24.51358	0	0	0
13 ARLINGTOI039 - ASHL	1296.566	22.18731	351.9935	12.25679	0	0	0
13 ARLINGTOI040 - VIRGI	2424.015	58.24169	588.4471	33.70617	0	0	0
13 ARLINGTOI041 - NAVY	1063.023	30.50755	298.254	30.64198	0	0	0
13 ARLINGTOI042 - SHIRL	2101.887	33.28097	338.5586	18.38519	0	0	0
13 ARLINGTOI043 - CAMI	3648.103	2.773414	389.6111	6.128395	0	0	0
13 ARLINGTOI044 - DAW	1667.014	33.28097	341.2456	30.64198	0	0	0
13 ARLINGTOI045 - BUCK	2327.377	24.96073	381.5502	15.32099	0	0	0
13 ARLINGTOI046 - CENT	2399.856	55.46828	521.2728	24.51358	0	0	0
13 ARLINGTOI047 - FOUR	2190.472	16.64048	298.254	18.38519	0	0	0
13 ARLINGTOI048 - AUSA	901.9592	30.50755	271.3843	21.44938	0	0	0
13 ARLINGTOI049 - MON	1844.184	36.05438	295.5671	21.44938	0	0	0
13 ARLINGTOI050 - CRYST	2109.94	27.73414	491.7161	15.32099	0	0	0
13 ARLINGTOI051 - TAYL	958.3316	11.09366	196.149	12.25679	0	0	0
13 ARLINGTOI052 - GUN	2174.366	41.60121	351.9935	18.38519	0	0	0
13 ARLINGTOI053 - MET	2963.58	36.05438	548.1425	49.02716	0	0	0
13 ARLINGTOI054 - GARF	1175.768	24.96073	196.149	6.128395	0	0	0
15 AUGUSTA (101 - JOLIV	361.2092	10.54335	721.9288	5.704918	0	0	0
15 AUGUSTA (102 - STUA	629.3233	24.60116	1082.028	5.704918	0	0	0
15 AUGUSTA (103 - VERO	368.6568	33.38728	957.3779	5.704918	0	0	0

15 AUGUSTA (201 - CRIM	554.8471	22.84393	1810.881	1.901639	0	0	0
15 AUGUSTA (202 - NEW	398.4473	14.0578	1222.258	3.803279	0	0	0
15 AUGUSTA (203 - WEYE	774.5517	36.90173	1620.444	7.606557	0	0	0
15 AUGUSTA (301 - FORT	603.2566	40.41618	1686.232	9.508197	0	0	0
15 AUGUSTA (302 - NORI	249.495	12.30058	801.566	7.606557	0	0	0
15 AUGUSTA (303 - MOU	256.9426	22.84393	1395.383	3.803279	0	0	0
15 AUGUSTA (304 - CHUF	215.9808	14.0578	926.2155	1.901639	0	0	0
15 AUGUSTA (401 - BUFF	271.8379	21.08671	1083.759	1.901639	0	0	0
15 AUGUSTA (402 - CHUF	249.495	17.57225	1004.122	3.803279	0	0	0
15 AUGUSTA (403 - CRAI	312.7997	12.30058	1068.178	1.901639	0	0	0
15 AUGUSTA (404 - DEER	175.0189	1.757225	476.0921	0	0	0	0
15 AUGUSTA (405 - CEDA	335.1426	22.84393	882.9344	5.704918	0	0	0
15 AUGUSTA (501 - GREE	409.6187	29.87283	1594.476	7.606557	0	0	0
15 AUGUSTA (502 - MIDC	275.5617	15.81503	962.5717	0	0	0	0
15 AUGUSTA (503 - SPOT	361.2092	21.08671	1109.727	3.803279	0	0	0
15 AUGUSTA (504 - WHIT	484.0948	42.17341	1587.551	1.901639	0	0	0
15 AUGUSTA (601 - SHER	431.9615	22.84393	1412.695	1.901639	0	0	0
15 AUGUSTA (602 - RIDG	685.1804	38.65896	1971.887	13.31148	0	0	0
15 AUGUSTA (603 - LYND	588.3614	24.60116	1402.308	7.606557	0	0	0
15 AUGUSTA (801 - DOOI	417.0663	24.60116	1230.914	3.803279	0	0	0
15 AUGUSTA (802 - FISHE	629.3233	42.17341	1497.526	7.606557	0	0	0
15 AUGUSTA (803 - WILSI	800.6183	38.65896	1204.946	1.901639	0	0	0
17 BATH COUI101 - WARI	100.9375	1.333333	276.8302	1.666667	0	0	0
17 BATH COUI102 - MOU	22.43056	0	73.05241	0	0	0	0
17 BATH COUI201 - HOT	143.5556	2.666667	220.4389	0	0	0	0
17 BATH COUI301 - FAIR	58.31944	2.666667	347.3194	1.666667	0	0	0
17 BATH COUI302 - BURN	11.21528	1.333333	112.7827	0	0	0	0
17 BATH COUI401 - MILL	157.0139	4	449.8491	0	0	0	0
17 BATH COUI501 - HEAL	152.5278	4	353.7275	1.666667	0	0	0
19 BEDFORD (101 - GOOI	525.5997	35.75758	1857.525	8.387097	0	0	0
19 BEDFORD (102 - HARC	414.7589	14.30303	918.3466	0	0	0	0
19 BEDFORD (103 - CHAN	343.2488	28.60606	1383.596	2.096774	0	0	0
19 BEDFORD (104 - STEW	432.6365	23.24242	1208.259	2.096774	0	0	0
19 BEDFORD (201 - BEDF	200.2284	19.66667	550.3136	2.096774	0	0	0
19 BEDFORD (202 - STAU	307.4937	17.87879	954.8027	0	0	0	0
19 BEDFORD (203 - MON	496.9956	26.81818	1536.364	6.290323	0	0	0
19 BEDFORD (204 - Quak	228.8325	3.575758	619.7538	6.290323	0	0	0
19 BEDFORD (205 - SAUN	446.9385	12.51515	1350.612	6.290323	0	0	0
19 BEDFORD (301 - NEW	367.7607	32.67692	1324.511	7.164179	0	0	0
19 BEDFORD (302 - BEDF	210.955	10.72727	756.8981	6.290323	0	0	0
19 BEDFORD (303 - BETH	210.955	8.939394	848.9064	0	0	0	0
19 BEDFORD (304 - RIVE	204.3115	27.23077	698.7999	10.74627	0	0	0
19 BEDFORD (305 - HUDI	218.106	7.151515	739.5381	0	0	0	0
19 BEDFORD (306 - FORE	178.3082	12.70769	834.2815	1.791045	0	0	0
19 BEDFORD (401 - FORE	557.2131	38.12308	1566.952	7.164179	0	0	0
19 BEDFORD (402 - THON	416.0525	38.12308	841.4121	14.32836	0	0	0
19 BEDFORD (403 - KNIG	761.5246	45.38462	1843.263	17.91045	0	0	0

19	BEDFORD (404 - FORE	404.9082	14.52308	1445.731	10.74627	0	0	0
19	BEDFORD (502 - BIG IS	178.3082	10.89231	588.2754	1.791045	0	0	0
19	BEDFORD (503 - SEDA	170.8787	12.70769	716.6264	1.791045	0	0	0
19	BEDFORD (504 - SUCK	200.5967	16.33846	932.3274	8.955224	0	0	0
19	BEDFORD (505 - BOOI	910.1148	41.75385	1463.558	12.53731	0	0	0
19	BEDFORD (506 - BOOI	854.3934	56.27692	2272.882	17.91045	0	0	0
19	BEDFORD (601 - MON	460.6295	7.261538	1317.38	7.164179	0	0	0
19	BEDFORD (602 - SHAD	361.1263	26.81818	1543.308	2.096774	0	0	0
19	BEDFORD (603 - THAX	60.78364	7.151515	355.881	0	0	0	0
19	BEDFORD (604 - BEDF	522.0242	35.75758	1166.595	0	0	0	0
19	BEDFORD (701 - GOOI	389.7304	21.45455	1553.724	6.290323	0	0	0
19	BEDFORD (702 - LIBER	200.2284	3.575758	708.29	6.290323	0	0	0
19	BEDFORD (703 - THAX	182.3509	7.151515	683.9859	4.193548	0	0	0
19	BEDFORD (704 - BEDF	758.0077	42.90909	1017.299	6.290323	0	0	0
21	BLAND COI 101 - BAST	73.21101	5.454545	349.8681	1.333333	0	0	0
21	BLAND COI 102 - CERE	82.97248	9.090909	407.174	0	0	0	0
21	BLAND COI 201 - DAVI	36.6055	0	144.773	0	0	0	0
21	BLAND COI 202 - SEDD	100.055	14.54545	576.0758	0	0	0	0
21	BLAND COI 301 - HOLL	61.00917	7.272727	459.9558	2.666667	0	0	0
21	BLAND COI 302 - MECI	43.92661	0	215.6514	0	0	0	0
21	BLAND COI 401 - ROCK	134.2202	3.636364	749.5018	0	0	0	0
23	BOTETOUR 101 - DALE	716.9072	33	1336.381	6.923077	0	0	0
23	BOTETOUR 102 - GREE	481.8557	27.5	1616.312	18.46154	0	0	0
23	BOTETOUR 201 - BLUE	677.732	40.33333	1765.864	2.307692	0	0	0
23	BOTETOUR 202 - RAINI	724.7423	27.5	1648.907	0	0	0	0
23	BOTETOUR 301 - BUCH	673.8144	25.66667	1721.765	6.923077	0	0	0
23	BOTETOUR 302 - MILL	618.9691	29.33333	1522.363	2.307692	0	0	0
23	BOTETOUR 403 - EAGL	383.9175	16.5	1328.712	0	0	0	0
23	BOTETOUR 406 - FINC	411.3402	27.5	1664.245	6.923077	0	0	0
23	BOTETOUR 501 - TROU	352.5773	11	1023.856	9.230769	0	0	0
23	BOTETOUR 502 - CLOV	658.1443	25.66667	1470.595	6.923077	0	0	0
25	BRUNSWIC 101 - BROE	284.337	0	244.8516	0	0	0	0
25	BRUNSWIC 102 - ROCK	276.5112	1.545455	415.4034	0	0	0	0
25	BRUNSWIC 103 - TILLM	344.3347	3.090909	520.0986	0	0	0	0
25	BRUNSWIC 201 - DROM	169.5587	4.636364	128.336	0	0	0	0
25	BRUNSWIC 202 - EDGE	479.9817	3.090909	145.2223	0	0	0	0
25	BRUNSWIC 203 - FITZH	495.6332	3.090909	211.079	0	0	0	0
25	BRUNSWIC 301 - ALBEI	133.0384	3.090909	97.94064	0	0	0	0
25	BRUNSWIC 302 - DANI	331.2917	3.090909	454.242	2.5	0	0	0
25	BRUNSWIC 303 - ELMC	195.6447	0	202.6358	0	0	0	0
25	BRUNSWIC 304 - SEYM	242.5994	3.090909	236.4085	0	0	0	0
25	BRUNSWIC 401 - STUR	623.4544	4.636364	403.583	2.5	0	0	0
25	BRUNSWIC 402 - KING	302.5971	1.545455	116.5156	0	0	0	0
25	BRUNSWIC 501 - TOTA	673.0178	3.090909	180.6836	0	0	0	0
27	BUCHANAN 102 - BLAC	62.31166	1.294118	479.4006	0	0	0	0
27	BUCHANAN 103 - HURL	109.0454	1.294118	1022.721	1.875	0	0	0
27	BUCHANAN 201 - GRAS	52.57546	1.294118	132.0089	1.875	0	0	0

27	BUCHANAN	202 - BULL	72.04785	1.294118	509.9711	0	0	0	0
27	BUCHANAN	203 - ROCK	91.52025	5.176471	604.4616	0	0	0	0
27	BUCHANAN	301 - SLAT	99.3092	1.294118	666.9921	0	0	0	0
27	BUCHANAN	302 - NOR	68.15337	5.176471	498.8545	1.875	0	0	0
27	BUCHANAN	403 - SOUT	110.9926	11.64706	653.0965	3.75	0	0	0
27	BUCHANAN	404 - OAKV	19.47239	0	65.30965	0	0	0	0
27	BUCHANAN	501 - PRAT	116.8344	0	551.6581	1.875	0	0	0
27	BUCHANAN	502 - FOX	91.52025	1.294118	152.8524	0	0	0	0
27	BUCHANAN	503 - VANS	110.9926	0	469.6736	1.875	0	0	0
27	BUCHANAN	601 - COUN	83.73129	0	419.6492	0	0	0	0
27	BUCHANAN	602 - GARC	114.8871	2.588235	555.8268	1.875	0	0	0
27	BUCHANAN	603 - HURF	147.9902	2.588235	327.9378	0	0	0	0
27	BUCHANAN	701 - WHIT	144.0957	7.764706	686.4461	0	0	0	0
27	BUCHANAN	702 - CONT	91.52025	1.294118	514.1398	0	0	0	0
29	BUCKINGH	101 - NEW	646.5876	12.05556	670.6706	0	0	0	0
29	BUCKINGH	102 - GEOI	141.0737	1.722222	258.3324	2.333333	0	0	0
29	BUCKINGH	201 - WHIT	305.6596	3.444444	298.0758	0	0	0	0
29	BUCKINGH	301 - CURC	352.6842	8.611111	539.8484	2.333333	0	0	0
29	BUCKINGH	302 - NEW	214.5495	6.888889	450.4257	2.333333	0	0	0
29	BUCKINGH	401 - MAY	396.7697	17.22222	587.8717	2.333333	0	0	0
29	BUCKINGH	501 - WRIG	214.5495	8.611111	380.8746	2.333333	0	0	0
29	BUCKINGH	502 - GLEN	290.9644	15.5	466.9854	2.333333	0	0	0
29	BUCKINGH	601 - SLAT	590.746	8.611111	528.2566	7	0	0	0
29	BUCKINGH	701 - GOLD	317.4157	10.33333	362.6589	0	0	0	0
31	CAMPBELL	101 - BROC	656.0458	49	1827.776	14.6087	0	0	0
31	CAMPBELL	102 - NEW	738.8477	50.58065	2039.976	8.347826	0	0	0
31	CAMPBELL	201 - WAL	643.307	50.58065	1376.627	0	0	0	0
31	CAMPBELL	202 - BEDF	496.8114	49	1833.126	6.26087	0	0	0
31	CAMPBELL	301 - EVIN	343.9463	14.22581	827.4031	2.086957	0	0	0
31	CAMPBELL	302 - OTTE	264.3291	9.483871	704.3625	2.086957	0	0	0
31	CAMPBELL	303 - ALTA	843.9424	28.45161	1132.33	2.086957	0	0	0
31	CAMPBELL	401 - THRE	261.1444	33.19355	1344.53	4.173913	0	0	0
31	CAMPBELL	402 - COUF	477.7032	50.58065	1779.63	10.43478	0	0	0
31	CAMPBELL	501 - SPRIN	601.9061	44.25806	1581.695	18.78261	0	0	0
31	CAMPBELL	502 - YELL	436.3023	22.12903	1064.568	2.086957	0	0	0
31	CAMPBELL	601 - KING	535.0276	17.3871	1298.167	8.347826	0	0	0
31	CAMPBELL	602 - CONC	452.2257	31.6129	1595.961	12.52174	0	0	0
31	CAMPBELL	701 - BROC	554.1358	12.64516	920.1293	0	0	0	0
31	CAMPBELL	702 - GLAD	490.442	15.80645	1189.392	4.173913	0	0	0
31	CAMPBELL	703 - MOR	273.8832	11.06452	729.3273	0	0	0	0
33	CAROLINE	101 - BOW	546.5155	20.72	915.1512	3	0	0	0
33	CAROLINE	102 - SPAR	523.3826	11.84	810.9128	1.5	0	0	0
33	CAROLINE	201 - NOR	693.9879	25.16	599.3704	6	0	0	0
33	CAROLINE	202 - SOUT	679.5298	47.36	795.5837	4.5	0	0	0
33	CAROLINE	301 - PORT	361.452	11.84	412.3545	0	0	0	0
33	CAROLINE	302 - WOO	731.5789	17.76	1088.371	3	0	0	0
33	CAROLINE	401 - DAW	1214.479	29.6	763.3924	6	0	0	0

33	CAROLINE	402 - CARN	378.8017	2.96	286.6554	0	0	0	0
33	CAROLINE	501 - WEST	734.4705	11.84	481.3358	6	0	0	0
33	CAROLINE	502 - MILF	471.3335	4.44	628.4958	0	0	0	0
33	CAROLINE	601 - CHILE	786.5196	42.92	879.8941	6	0	0	0
33	CAROLINE	602 - LAKE	534.949	32.56	674.4833	0	0	0	0
35	CARROLL C	101 - MT B	171.3636	0	601.9786	1.407407	0	0	0
35	CARROLL C	102 - ST PA	142.3636	7.195122	811.3625	2.814815	0	0	0
35	CARROLL C	103 - LAME	155.5455	4.317073	520.5516	4.222222	0	0	0
35	CARROLL C	105 - FANC	113.3636	8.634146	569.9894	1.407407	0	0	0
35	CARROLL C	201 - HILLS	258.3636	10.07317	1107.99	1.407407	0	0	0
35	CARROLL C	202 - LAUR	145	11.5122	597.6165	2.814815	0	0	0
35	CARROLL C	203 - GLAD	210.9091	4.317073	713.9408	5.62963	0	0	0
35	CARROLL C	301 - HILLS	311.0909	15.82927	1445.33	1.407407	0	0	0
35	CARROLL C	302 - SYLV	118.6364	7.195122	668.8652	1.407407	0	0	0
35	CARROLL C	303 - DUGS	60.63636	5.756098	353.3353	2.814815	0	0	0
35	CARROLL C	401 - OAKL	300.5455	14.39024	1272.298	4.222222	0	0	0
35	CARROLL C	402 - WOO	203	8.634146	977.1247	4.222222	0	0	0
35	CARROLL C	406 - WOO	68.54545	4.317073	193.3893	1.407407	0	0	0
35	CARROLL C	501 - VAUC	113.3636	4.317073	538.0002	0	0	0	0
35	CARROLL C	502 - GLAD	197.7273	5.756098	1089.087	1.407407	0	0	0
35	CARROLL C	503 - WOO	150.2727	2.878049	516.1894	0	0	0	0
35	CARROLL C	504 - LAUR	121.2727	2.878049	681.9516	1.407407	0	0	0
36	CHARLES C	101 - PREC	886.4865	27.81818	836.8004	0	0	0	0
36	CHARLES C	201 - PREC	828.8649	13.09091	451.8722	0	0	0	0
36	CHARLES C	301 - PREC	908.6486	13.09091	472.3273	0	0	0	0
37	CHARLOTT	101 - COUN	295.1592	10.66667	466.0504	2.2	0	0	0
37	CHARLOTT	201 - RED C	469.3032	5.333333	628.2233	2.2	0	0	0
37	CHARLOTT	302 - DRAK	304.014	5.333333	521.1577	1.1	0	0	0
37	CHARLOTT	401 - KEYS	395.5134	12.44444	653.4152	1.1	0	0	0
37	CHARLOTT	501 - CULLI	345.3363	10.66667	467.6248	3.3	0	0	0
37	CHARLOTT	602 - PHEN	250.8854	3.555556	706.948	0	0	0	0
37	CHARLOTT	702 - BACC	256.7885	0	371.5807	1.1	0	0	0
41	CHESTERFI	101 - BELL	1471.59	27.35876	1140.257	7.542857	0	0	0
41	CHESTERFI	102 - SOUT	2027.524	42.0904	1559.544	7.542857	0	0	0
41	CHESTERFI	103 - ENON	1999.493	65.24011	2482.487	10.05714	0	0	0
41	CHESTERFI	104 - NORT	1359.469	50.50847	1996.728	17.6	0	0	0
41	CHESTERFI	105 - DREV	2131.887	22.77662	949.1252	2.686364	0	0	0
41	CHESTERFI	106 - HARR	2335.857	50.50847	1856.113	15.08571	0	0	0
41	CHESTERFI	107 - WELL	1966.791	31.5678	1362.683	7.542857	0	0	0
41	CHESTERFI	108 - ECOF	1247.348	50.50847	1531.421	17.6	0	0	0
41	CHESTERFI	109 - ELIZA	2233.079	61.03107	2170.578	10.05714	0	0	0
41	CHESTERFI	110 - DUTC	1037.12	27.35876	1278.315	7.542857	0	0	0
41	CHESTERFI	111 - IRON	602.6511	35.77684	782.3286	2.514286	0	0	0
41	CHESTERFI	112 - CARV	1256.691	29.46328	984.3023	5.028571	0	0	0
41	CHESTERFI	113 - IRON	1023.105	23.14972	759.3189	20.11429	0	0	0
41	CHESTERFI	201 - GATE	1055.807	31.5678	1089.124	7.542857	0	0	0
41	CHESTERFI	202 - BEUL	2084.629	38.72025	930.8225	8.059091	0	0	0

41	CHESTERFI	203 - BIRD	513.8885	14.73164	534.3355	2.514286	0	0	0
41	CHESTERFI	204 - JACO	981.9285	22.77662	891.6025	8.059091	0	0	0
41	CHESTERFI	205 - FALLI	1764.321	22.77662	533.3927	13.43182	0	0	0
41	CHESTERFI	206 - BELM	2021.617	27.33194	269.311	0	0	0	0
41	CHESTERFI	207 - CHIPF	1034.438	9.110647	271.9257	0	0	0	0
41	CHESTERFI	208 - MEAI	1675.054	18.22129	546.466	8.059091	0	0	0
41	CHESTERFI	209 - SALEI	1831.312	46.29944	1641.356	7.542857	0	0	0
41	CHESTERFI	210 - FIVE I	2179.146	54.66388	1106.005	2.686364	0	0	0
41	CHESTERFI	211 - NASH	784.8479	48.40395	1574.884	7.542857	0	0	0
41	CHESTERFI	212 - ST. LL	855.9056	15.94363	739.9516	13.43182	0	0	0
41	CHESTERFI	213 - SOUT	1228.723	13.66597	313.7604	5.372727	0	0	0
41	CHESTERFI	214 - HOPK	567.1031	2.277662	60.13741	0	0	0	0
41	CHESTERFI	215 - North	992.4304	6.832985	376.5125	0	0	0	0
41	CHESTERFI	216 - RIDGI	1822.081	29.6096	381.7418	10.74545	0	0	0
41	CHESTERFI	301 - ETTRI	2092.928	16.83616	447.4101	0	0	0	0
41	CHESTERFI	302 - DEER	635.3655	29.6096	857.6118	10.74545	0	0	0
41	CHESTERFI	303 - MATC	1186.615	35.77684	1444.496	7.542857	0	0	0
41	CHESTERFI	304 - WINF	537.2471	29.46328	1766.631	2.514286	0	0	0
41	CHESTERFI	305 - BEAC	331.6917	8.418079	925.4998	0	0	0	0
41	CHESTERFI	306 - WINT	876.9094	22.77662	2423.799	13.43182	0	0	0
41	CHESTERFI	307 - COSB	2431.192	61.49687	2549.303	8.059091	0	0	0
41	CHESTERFI	308 - SOUT	546.0992	15.94363	394.8152	0	0	0	0
41	CHESTERFI	309 - SKINC	808.647	59.21921	1388.39	8.059091	0	0	0
41	CHESTERFI	310 - TOMI	1575.286	88.82881	1642.013	13.43182	0	0	0
41	CHESTERFI	313 - WOO	1722.313	36.44259	2159.717	29.55	0	0	0
41	CHESTERFI	314 - LONG	256.9443	18.94068	979.189	12.57143	0	0	0
41	CHESTERFI	315 - BAILE	960.9246	40.99791	1974.076	5.372727	0	0	0
41	CHESTERFI	316 - SPRIN	1874.591	56.94154	2102.195	8.059091	0	0	0
41	CHESTERFI	317 - BIRKE	1359.997	50.10856	1725.682	21.49091	0	0	0
41	CHESTERFI	318 - WEST	451.5821	11.38831	763.4837	8.059091	0	0	0
41	CHESTERFI	319 - MAG	1507.024	59.21921	2240.772	10.74545	0	0	0
41	CHESTERFI	401 - HARB	913.6661	22.77662	1040.639	2.686364	0	0	0
41	CHESTERFI	402 - GENI	593.3578	22.77662	496.7873	5.372727	0	0	0
41	CHESTERFI	403 - BRAN	1438.761	40.99791	1432.839	10.74545	0	0	0
41	CHESTERFI	404 - PROV	1549.032	50.10856	990.9599	8.059091	0	0	0
41	CHESTERFI	405 - LA PR	845.4036	25.05428	805.3184	8.059091	0	0	0
41	CHESTERFI	406 - SMOI	1013.434	34.16493	1103.391	8.059091	0	0	0
41	CHESTERFI	407 - MON	593.3578	22.77662	789.6304	10.74545	0	0	0
41	CHESTERFI	408 - REAN	1769.572	59.21921	1024.951	8.059091	0	0	0
41	CHESTERFI	409 - MANI	1554.282	29.6096	807.933	5.372727	0	0	0
41	CHESTERFI	410 - WAGI	1044.94	45.55324	834.0797	10.74545	0	0	0
41	CHESTERFI	411 - SWIF	1480.769	50.10856	1456.371	18.80455	0	0	0
41	CHESTERFI	412 - CLOV	1275.982	43.27557	1357.014	5.372727	0	0	0
41	CHESTERFI	413 - SHEN	1759.07	47.8309	1158.299	8.059091	0	0	0
41	CHESTERFI	414 - CREN	2326.173	77.4405	2162.332	10.74545	0	0	0
41	CHESTERFI	415 - EVER	1328.491	31.88727	1158.299	21.49091	0	0	0
41	CHESTERFI	416 - EVER	1134.206	34.16493	779.1717	2.686364	0	0	0

41	CHESTERFI	417 - EDGE	813.8979	20.49896	763.4837	8.059091	0	0	0
41	CHESTERFI	501 - HUGL	1732.815	54.66388	1072.015	18.80455	0	0	0
41	CHESTERFI	502 - CRES	1008.183	22.77662	690.2729	0	0	0	0
41	CHESTERFI	503 - MIDL	1113.202	34.16493	1181.831	5.372727	0	0	0
41	CHESTERFI	504 - ROBI	1438.761	36.44259	1835.498	21.49091	0	0	0
41	CHESTERFI	505 - BON	1344.244	45.55324	1100.776	18.80455	0	0	0
41	CHESTERFI	506 - GREE	2194.899	77.4405	1244.583	13.43182	0	0	0
41	CHESTERFI	507 - SALIS	1496.522	61.49687	2204.167	32.23636	0	0	0
41	CHESTERFI	508 - BELG	1349.495	45.55324	1066.785	16.11818	0	0	0
41	CHESTERFI	509 - CRAN	1659.302	31.88727	894.2172	8.059091	0	0	0
41	CHESTERFI	510 - SYCA	1102.7	56.94154	1090.317	10.74545	0	0	0
41	CHESTERFI	511 - BLAC	1097.449	50.10856	1255.042	8.059091	0	0	0
41	CHESTERFI	513 - BEAU	1417.758	13.66597	439.2646	13.43182	0	0	0
41	CHESTERFI	514 - WAT	1402.005	52.38622	1456.371	13.43182	0	0	0
41	CHESTERFI	515 - DAVI	2420.69	34.16493	551.6954	8.059091	0	0	0
41	CHESTERFI	516 - POCC	1160.461	13.66597	407.8885	8.059091	0	0	0
41	CHESTERFI	517 - ROSE	1160.461	38.72025	1239.354	16.11818	0	0	0
41	CHESTERFI	518 - MIDL	1160.461	36.44259	1534.811	16.11818	0	0	0
43	CLARKE CO	101 - RUSS	515.3982	30.34091	1084.954	2.35	0	0	0
43	CLARKE CO	201 - BERR	773.0973	26.29545	694.3708	14.1	0	0	0
43	CLARKE CO	301 - MILL	490.6195	24.27273	725.9331	0	0	0	0
43	CLARKE CO	302 - PINE	396.4602	16.18182	376.7751	11.75	0	0	0
43	CLARKE CO	401 - WHIT	901.9469	50.56818	1144.134	9.4	0	0	0
43	CLARKE CO	501 - BUCK	490.6195	12.13636	733.8237	7.05	0	0	0
43	CLARKE CO	502 - BLUE	351.8584	18.20455	432.0091	2.35	0	0	0
45	CRAIG COU	101 - COUF	81.70696	6.666667	439.1214	0	0	0	0
45	CRAIG COU	201 - AMM	105.359	10.66667	542.2708	2.8	0	0	0
45	CRAIG COU	301 - GIVE	101.0586	6.666667	356.602	1.4	0	0	0
45	CRAIG COU	303 - MAR	83.85714	1.333333	234.2963	0	0	0	0
45	CRAIG COU	401 - BARB	60.20513	9.333333	232.8228	1.4	0	0	0
45	CRAIG COU	402 - PAIN	21.50183	0	48.62754	0	0	0	0
45	CRAIG COU	403 - CRAI	51.6044	1.333333	241.6641	0	0	0	0
45	CRAIG COU	501 - CRAI	81.70696	4	440.595	1.4	0	0	0
47	CULPEPER	101 - WEST	1603.196	42.73684	1306.422	10.8	0	0	0
47	CULPEPER	201 - EAST	1615.721	34.96651	1025.848	9	0	0	0
47	CULPEPER	302 - EGGB	434.199	33.02392	1195.946	7.2	0	0	0
47	CULPEPER	303 - CARD	505.1738	15.54067	1020.587	1.8	0	0	0
47	CULPEPER	304 - WILL	417.499	17.48325	341.9494	3.6	0	0	0
47	CULPEPER	401 - ELDO	580.3236	33.02392	1285.379	3.6	0	0	0
47	CULPEPER	402 - BROV	772.3732	38.85167	1704.486	5.4	0	0	0
47	CULPEPER	501 - JEFFE	860.048	34.96651	1629.082	12.6	0	0	0
47	CULPEPER	502 - RIXEY	705.5733	38.85167	1487.042	7.2	0	0	0
47	CULPEPER	601 - MITC	258.8494	1.942584	289.3418	1.8	0	0	0
47	CULPEPER	602 - PEAR	697.2234	42.73684	1194.193	7.2	0	0	0
47	CULPEPER	603 - SOUT	475.9489	5.827751	382.2819	1.8	0	0	0
47	CULPEPER	702 - BRAN	864.223	33.02392	1648.371	5.4	0	0	0
47	CULPEPER	703 - LIGN	521.8738	21.36842	889.0684	1.8	0	0	0

47	CULPEPER	704 - RICH	304.7743	11.6555	612.0018	1.8	0	0	0
49	CUMBERLA	101 - PREC	529.7098	17.66667	824.3369	7	0	0	0
49	CUMBERLA	201 - PREC	341.122	16.06061	663.7518	2.8	0	0	0
49	CUMBERLA	301 - PREC	449.2827	6.424242	354.8166	0	0	0	0
49	CUMBERLA	401 - PREC	391.0423	8.030303	656.1049	2.8	0	0	0
49	CUMBERLA	501 - PREC	515.8431	4.818182	519.9899	1.4	0	0	0
51	DICKENSON	101 - SOUT	187.4778	3.384615	806.6447	0	0	0	0
51	DICKENSON	201 - NOR	108.0381	5.076923	482.937	0	0	0	0
51	DICKENSON	202 - FRYIN	47.66385	0	227.4703	0	0	0	0
51	DICKENSON	203 - CLINC	174.7674	5.076923	542.4292	0	0	0	0
51	DICKENSON	301 - WEST	38.13108	0	321.958	0	0	0	0
51	DICKENSON	302 - HERA	69.90698	0	568.6758	6	0	0	0
51	DICKENSON	303 - RIDG	136.6364	5.076923	586.1735	0	0	0	0
51	DICKENSON	401 - HAYS	448.0402	11.84615	1221.341	0	0	0	0
51	DICKENSON	501 - TARP	120.7484	3.384615	241.4685	0	0	0	0
51	DICKENSON	502 - NORT	171.5899	10.15385	748.9023	6	0	0	0
53	DINWIDDIE	101 - WHIT	156.8807	8.470588	677.6524	0	0	0	0
53	DINWIDDIE	102 - ROCK	217.7119	8.470588	733.0463	2.416667	0	0	0
53	DINWIDDIE	103 - CHUF	188.8971	15.24706	1194.662	14.5	0	0	0
53	DINWIDDIE	201 - ROHC	589.1029	10.16471	384.0646	4.833333	0	0	0
53	DINWIDDIE	202 - SUTH	742.7819	15.24706	1202.048	0	0	0	0
53	DINWIDDIE	301 - REAN	284.9465	8.470588	607.4867	0	0	0	0
53	DINWIDDIE	302 - NEW	345.7778	3.388235	738.5857	2.416667	0	0	0
53	DINWIDDIE	303 - LITTL	710.7654	6.776471	637.0302	0	0	0	0
53	DINWIDDIE	401 - DINV	403.4074	15.24706	803.2119	0	0	0	0
53	DINWIDDIE	402 - MCKE	467.4403	6.776471	581.6362	2.416667	0	0	0
53	DINWIDDIE	403 - CHER	374.5926	13.55294	348.9817	0	0	0	0
53	DINWIDDIE	501 - EDGE	214.5103	1.694118	90.47675	0	0	0	0
53	DINWIDDIE	502 - CHES	1527.185	30.49412	696.117	2.416667	0	0	0
57	ESSEX COU	101 - GREA	726.5517	21.75	530.1724	3.5	0	0	0
57	ESSEX COU	201 - NORT	1013.793	12.6875	463.3246	3.5	0	0	0
57	ESSEX COU	301 - SOUT	679.2414	16.3125	1230.922	0	0	0	0
57	ESSEX COU	401 - CENT	618.4138	7.25	850.581	0	0	0	0
59	FAIRFAX CC	104 - CHAP	1428.035	32.62878	711.0438	20.98469	0	0	0
59	FAIRFAX CC	105 - FAIRV	3065.813	54.38131	1257.06	25.64796	0	0	0
59	FAIRFAX CC	106 - HERIT	3257.705	36.97929	1018.687	18.65306	0	0	0
59	FAIRFAX CC	108 - KING	1834.133	45.6803	798.6509	20.98469	0	0	0
59	FAIRFAX CC	109 - LITTL	1044.251	8.701009	378.9517	11.65816	0	0	0
59	FAIRFAX CC	110 - NORT	2936.397	36.97929	1403.751	53.62755	0	0	0
59	FAIRFAX CC	113 - CANT	2311.632	43.50505	1104.257	53.62755	0	0	0
59	FAIRFAX CC	114 - OLDE	1521.75	26.10303	627.5114	16.32143	0	0	0
59	FAIRFAX CC	115 - RAVE	1579.764	26.10303	776.2397	32.64286	0	0	0
59	FAIRFAX CC	116 - WAKI	1593.152	28.27828	641.773	20.98469	0	0	0
59	FAIRFAX CC	117 - WOO	1396.797	30.45353	782.3519	41.96939	0	0	0
59	FAIRFAX CC	118 - LAKE	2940.86	56.55656	1010.538	16.32143	0	0	0
59	FAIRFAX CC	119 - LAUR	2650.79	56.55656	1195.939	23.31633	0	0	0
59	FAIRFAX CC	120 - SIDEE	1758.268	45.6803	1057.397	32.64286	0	0	0

59 FAIRFAX CC 121 - VILLA	1664.554	30.45353	761.9781	20.98469	0	0	0
59 FAIRFAX CC 123 - ROBII	2079.576	50.0308	1059.435	27.97959	0	0	0
59 FAIRFAX CC 125 - SIGNI	1901.072	39.15454	816.9872	20.98469	0	0	0
59 FAIRFAX CC 126 - BONNI	1954.623	26.10303	653.9973	11.65816	0	0	0
59 FAIRFAX CC 127 - BURK	3311.257	54.38131	1073.696	39.63776	0	0	0
59 FAIRFAX CC 128 - CARD	1909.997	32.62878	692.7074	25.64796	0	0	0
59 FAIRFAX CC 129 - KEEN	1392.334	21.75252	568.4275	23.31633	0	0	0
59 FAIRFAX CC 130 - TERR.	1865.371	41.32979	735.4923	23.31633	0	0	0
59 FAIRFAX CC 131 - EAGL	1807.357	60.90706	890.3327	9.326531	0	0	0
59 FAIRFAX CC 132 - MON	1410.185	36.97929	586.7639	13.9898	0	0	0
59 FAIRFAX CC 133 - DANE	870.2089	26.10303	226.1486	13.9898	0	0	0
59 FAIRFAX CC 134 - UNIV	1227.218	26.10303	105.9435	18.65306	0	0	0
59 FAIRFAX CC 201 - Arms	2150.978	50.0308	729.3801	13.9898	0	0	0
59 FAIRFAX CC 202 - FLINT	1334.32	39.15454	796.6135	13.9898	0	0	0
59 FAIRFAX CC 203 - FLOR	2075.114	36.97929	927.0055	2.331633	0	0	0
59 FAIRFAX CC 204 - MADI	673.8541	8.701009	215.9617	0	0	0	0
59 FAIRFAX CC 208 - RESTI	2490.136	47.85555	717.1559	18.65306	0	0	0
59 FAIRFAX CC 209 - RESTI	2775.743	45.6803	552.1285	27.97959	0	0	0
59 FAIRFAX CC 213 - VIENI	1994.787	63.08232	953.4913	34.97449	0	0	0
59 FAIRFAX CC 214 - VIENI	1387.872	39.15454	729.3801	41.96939	0	0	0
59 FAIRFAX CC 216 - VIENI	919.2977	13.05151	391.1759	11.65816	0	0	0
59 FAIRFAX CC 218 - VIENI	1035.326	28.27828	450.2598	9.326531	0	0	0
59 FAIRFAX CC 219 - WEST	1776.119	43.50505	786.4266	25.64796	0	0	0
59 FAIRFAX CC 220 - DOGI	3114.902	50.0308	855.6974	32.64286	0	0	0
59 FAIRFAX CC 221 - HUNTI	1508.362	23.92777	576.577	16.32143	0	0	0
59 FAIRFAX CC 222 - RESTI	1588.689	39.15454	332.0921	9.326531	0	0	0
59 FAIRFAX CC 223 - GLAD	2048.338	60.90706	643.8104	34.97449	0	0	0
59 FAIRFAX CC 224 - SOUT	2525.837	63.08232	904.5943	25.64796	0	0	0
59 FAIRFAX CC 225 - HUGI	2619.552	80.48433	662.1468	11.65816	0	0	0
59 FAIRFAX CC 226 - WOLI	1847.521	34.80404	927.0055	41.96939	0	0	0
59 FAIRFAX CC 227 - SUNR	1066.564	21.75252	433.9608	9.326531	0	0	0
59 FAIRFAX CC 229 - FOXI	2826.889	70.48649	1382.002	32.06061	0	0	0
59 FAIRFAX CC 233 - NORI	1660.091	36.97929	916.8186	13.9898	0	0	0
59 FAIRFAX CC 234 - ALDR	1535.138	28.27828	560.278	18.65306	0	0	0
59 FAIRFAX CC 235 - FRYIN	1816.282	23.92777	598.9881	18.65306	0	0	0
59 FAIRFAX CC 236 - STUA	1169.204	39.15454	348.3911	6.994898	0	0	0
59 FAIRFAX CC 237 - MCNI	2378.571	26.10303	637.6983	20.98469	0	0	0
59 FAIRFAX CC 238 - CAMI	1039.788	32.62878	550.0912	18.65306	0	0	0
59 FAIRFAX CC 240 - COLV	1183.823	26.43243	633.2393	19.7296	0	0	0
59 FAIRFAX CC 301 - CHAI	1178.721	26.43243	776.5739	24.662	0	0	0
59 FAIRFAX CC 302 - CHES	658.3173	18.4186	429.8237	18.43946	0	0	0
59 FAIRFAX CC 303 - CHUF	1005.229	22.02703	423.5857	17.2634	0	0	0
59 FAIRFAX CC 304 - COOF	816.4299	6.608108	536.9698	17.2634	0	0	0
59 FAIRFAX CC 305 - EL NI	952.6238	34.7907	447.249	27.65919	0	0	0
59 FAIRFAX CC 306 - GREA	1051.153	15.41892	770.1559	17.2634	0	0	0
59 FAIRFAX CC 307 - HAYC	1092.032	28.65116	464.6742	32.26906	0	0	0
59 FAIRFAX CC 309 - KENN	1474.677	24.22973	744.484	14.7972	0	0	0

59 FAIRFAX CC 310 - KIRBY	882.9197	24.55814	424.0152	18.43946	0	0	0
59 FAIRFAX CC 311 - LANG	898.0729	26.43243	549.8057	24.662	0	0	0
59 FAIRFAX CC 312 - LONG	913.8993	18.4186	545.9922	20.74439	0	0	0
59 FAIRFAX CC 314 - MCLE	709.2735	22.02703	410.7498	17.2634	0	0	0
59 FAIRFAX CC 315 - PIMM	1576.089	45.02326	776.3932	6.914798	0	0	0
59 FAIRFAX CC 316 - SALO	294.3066	12.27907	203.295	6.914798	0	0	0
59 FAIRFAX CC 317 - WEST	728.0215	28.65116	447.249	18.43946	0	0	0
59 FAIRFAX CC 318 - WEST	739.6388	10.23256	288.4853	6.914798	0	0	0
59 FAIRFAX CC 319 - HERN	2414.272	65.25757	973.8651	20.98469	0	0	0
59 FAIRFAX CC 320 - HERN	2597.239	41.32979	884.2206	34.97449	0	0	0
59 FAIRFAX CC 321 - CLEA	2530.933	72.68919	1135.98	36.99301	0	0	0
59 FAIRFAX CC 322 - FORE	1612.449	50.66216	1257.921	22.1958	0	0	0
59 FAIRFAX CC 323 - SHOL	1530.806	13.21622	665.3291	19.7296	0	0	0
59 FAIRFAX CC 324 - HERN	2329.482	43.50505	780.3145	32.64286	0	0	0
59 FAIRFAX CC 325 - HUTC	2374.109	32.62878	411.5497	9.326531	0	0	0
59 FAIRFAX CC 327 - SUGA	1995.151	48.45946	992.6454	24.662	0	0	0
59 FAIRFAX CC 328 - HICK	1219.542	33.04054	838.6142	27.12821	0	0	0
59 FAIRFAX CC 329 - SENE	2066.588	33.04054	1157.373	24.662	0	0	0
59 FAIRFAX CC 331 - SPRIN	1000.127	17.62162	457.8149	12.331	0	0	0
59 FAIRFAX CC 332 - COAT	3097.051	63.08232	882.1832	32.64286	0	0	0
59 FAIRFAX CC 333 - SALO	604.1029	22.51163	284.613	23.04933	0	0	0
59 FAIRFAX CC 401 - BUSH	2129.85	65.48837	931.2846	16.13453	0	0	0
59 FAIRFAX CC 402 - CAMI	1002.966	16.37209	319.4635	6.914798	0	0	0
59 FAIRFAX CC 403 - FORE	956.4963	16.37209	296.2298	11.52466	0	0	0
59 FAIRFAX CC 404 - FRAN	1874.268	22.51163	714.4366	18.43946	0	0	0
59 FAIRFAX CC 405 - GROV	1568.344	16.37209	344.6334	18.43946	0	0	0
59 FAIRFAX CC 406 - HAYF	1270.165	30.69767	815.1161	23.04933	0	0	0
59 FAIRFAX CC 408 - MOU	2029.166	36.83721	416.2707	18.43946	0	0	0
59 FAIRFAX CC 409 - PION	3163.795	38.88372	952.5822	6.914798	0	0	0
59 FAIRFAX CC 410 - ROSE	2741.698	53.2093	1194.6	27.65919	0	0	0
59 FAIRFAX CC 411 - VIRGI	2060.146	34.7907	600.2042	16.13453	0	0	0
59 FAIRFAX CC 413 - FAIRF	2366.07	18.4186	350.4418	16.13453	0	0	0
59 FAIRFAX CC 415 - CRES	2377.687	30.69767	1045.517	16.13453	0	0	0
59 FAIRFAX CC 417 - GARF	3132.816	34.7907	995.1773	34.57399	0	0	0
59 FAIRFAX CC 418 - LYNB	2191.809	24.55814	582.7789	4.609865	0	0	0
59 FAIRFAX CC 419 - LANE	2215.044	45.02326	729.9258	13.8296	0	0	0
59 FAIRFAX CC 420 - VILLA	2300.238	40.93023	789.9462	16.13453	0	0	0
59 FAIRFAX CC 421 - KING	1781.329	40.93023	650.5439	29.96413	0	0	0
59 FAIRFAX CC 422 - VAN I	2079.508	30.69767	633.1187	25.35426	0	0	0
59 FAIRFAX CC 423 - CLERI	1928.482	51.16279	741.5426	18.43946	0	0	0
59 FAIRFAX CC 424 - HUNT	1839.416	30.69767	724.1174	11.52466	0	0	0
59 FAIRFAX CC 426 - GREE	1593.152	6.525757	474.7083	11.65816	0	0	0
59 FAIRFAX CC 427 - ISLAN	1874.268	49.11628	594.3958	13.8296	0	0	0
59 FAIRFAX CC 428 - PINE	2439.646	14.32558	362.0587	16.13453	0	0	0
59 FAIRFAX CC 429 - HYBL	3187.03	22.51163	406.59	36.87892	0	0	0
59 FAIRFAX CC 501 - BAILE	2482.243	36.83721	489.8441	27.65919	0	0	0
59 FAIRFAX CC 502 - BARC	745.2559	4.350505	305.6062	11.65816	0	0	0

59 FAIRFAX CC 503 - BELVI	914.835	10.87626	321.9052	34.97449	0	0	0
59 FAIRFAX CC 504 - BRIST	2360.721	26.10303	725.3054	11.65816	0	0	0
59 FAIRFAX CC 505 - GLEN	2067.891	18.4186	569.2259	13.8296	0	0	0
59 FAIRFAX CC 506 - HOLN	592.4856	10.23256	135.53	0	0	0	0
59 FAIRFAX CC 507 - LINCC	1916.865	34.7907	559.5452	25.35426	0	0	0
59 FAIRFAX CC 508 - MASO	1611.002	36.97929	690.67	9.326531	0	0	0
59 FAIRFAX CC 509 - PLAZ	1645.793	8.186047	197.4866	6.914798	0	0	0
59 FAIRFAX CC 510 - PARK	1475.405	22.51163	454.9935	6.914798	0	0	0
59 FAIRFAX CC 511 - RAVE	1615.465	26.10303	548.0538	20.98469	0	0	0
59 FAIRFAX CC 512 - SLEEP	1178.129	19.57727	442.1103	11.65816	0	0	0
59 FAIRFAX CC 513 - SAIN	1590.525	27.50584	538.4367	13.9364	0	0	0
59 FAIRFAX CC 514 - CROS	433.7149	6.139535	71.63728	4.609865	0	0	0
59 FAIRFAX CC 515 - WEST	1382.466	12.27907	454.9935	16.13453	0	0	0
59 FAIRFAX CC 516 - WEY	2350.58	28.65116	648.6078	11.52466	0	0	0
59 FAIRFAX CC 517 - WILL	1301.145	14.32558	445.3128	32.26906	0	0	0
59 FAIRFAX CC 518 - COLU	2119.74	34.80404	786.4266	16.32143	0	0	0
59 FAIRFAX CC 519 - HUM	1280.769	15.22677	527.68	6.994898	0	0	0
59 FAIRFAX CC 520 - SKYL	1936.227	12.27907	340.7611	16.13453	0	0	0
59 FAIRFAX CC 521 - BROC	1386.339	22.51163	697.0114	23.04933	0	0	0
59 FAIRFAX CC 522 - CAMI	977.3116	21.75252	468.5962	11.65816	0	0	0
59 FAIRFAX CC 523 - POE	1440.553	18.4186	607.9488	2.304933	0	0	0
59 FAIRFAX CC 525 - WAL	1839.416	32.74419	786.0739	25.35426	0	0	0
59 FAIRFAX CC 526 - BREN	2629.397	36.83721	623.4379	39.18386	0	0	0
59 FAIRFAX CC 527 - EDSA	1661.283	24.55814	695.0752	9.219731	0	0	0
59 FAIRFAX CC 528 - RIDG	954.9985	23.92777	407.4749	9.326531	0	0	0
59 FAIRFAX CC 530 - HOLN	1695.792	21.75252	295.4193	4.663265	0	0	0
59 FAIRFAX CC 601 - BELLE	1301.145	26.60465	619.5657	50.70852	0	0	0
59 FAIRFAX CC 602 - BELLE	995.2208	38.88372	518.8862	16.13453	0	0	0
59 FAIRFAX CC 604 - BUCK	3016.642	51.16279	613.7572	23.04933	0	0	0
59 FAIRFAX CC 605 - FORT	1405.701	34.7907	764.7764	43.79372	0	0	0
59 FAIRFAX CC 606 - HOLL	1332.124	26.60465	704.7559	41.48879	0	0	0
59 FAIRFAX CC 607 - HUN	2083.381	38.88372	652.4801	34.57399	0	0	0
59 FAIRFAX CC 608 - KIRKS	1123.012	32.74419	352.378	27.65919	0	0	0
59 FAIRFAX CC 609 - MARI	786.1083	32.74419	499.5248	16.13453	0	0	0
59 FAIRFAX CC 610 - SHER	1421.191	10.23256	363.9948	13.8296	0	0	0
59 FAIRFAX CC 611 - STRA	1641.921	40.93023	863.5196	27.65919	0	0	0
59 FAIRFAX CC 612 - WAY	1111.394	6.139535	458.8658	23.04933	0	0	0
59 FAIRFAX CC 613 - WEST	1514.13	45.02326	1386.278	41.48879	0	0	0
59 FAIRFAX CC 614 - RIVE	1088.16	32.74419	704.7559	2.304933	0	0	0
59 FAIRFAX CC 615 - WOO	1843.288	28.65116	766.7125	29.96413	0	0	0
59 FAIRFAX CC 616 - GUN	1560.599	45.02326	1142.324	18.43946	0	0	0
59 FAIRFAX CC 617 - LORT	1669.028	12.27907	346.5695	11.52466	0	0	0
59 FAIRFAX CC 618 - NEW	3931.559	106.5874	1528.031	23.31633	0	0	0
59 FAIRFAX CC 619 - BELV	1707.752	36.83721	625.3741	13.8296	0	0	0
59 FAIRFAX CC 621 - GROS	1707.752	16.37209	447.249	6.914798	0	0	0
59 FAIRFAX CC 622 - LORT	2768.805	24.55814	619.5657	27.65919	0	0	0
59 FAIRFAX CC 623 - ALBA	2443.519	30.69767	710.5644	18.43946	0	0	0

59 FAIRFAX CC 626 - SARA	2300.238	49.11628	935.1569	20.74439	0	0	0
59 FAIRFAX CC 627 - WOO	3183.158	47.06977	873.2003	20.74439	0	0	0
59 FAIRFAX CC 628 - LAUR	3065.813	32.62878	796.6135	20.98469	0	0	0
59 FAIRFAX CC 629 - SOUT	1490.512	19.57727	764.0155	11.65816	0	0	0
59 FAIRFAX CC 630 - ARMY	491.8017	2.046512	232.3371	2.304933	0	0	0
59 FAIRFAX CC 701 - BLAK	2084.039	54.38131	735.4923	39.63776	0	0	0
59 FAIRFAX CC 703 - FORT	1177.226	20.46512	404.6538	18.43946	0	0	0
59 FAIRFAX CC 704 - FREE	1285.232	15.22677	493.0447	20.98469	0	0	0
59 FAIRFAX CC 705 - GRAF	1773.584	32.74419	710.5644	23.04933	0	0	0
59 FAIRFAX CC 707 - MAN	1164.741	32.62878	501.1942	16.32143	0	0	0
59 FAIRFAX CC 708 - MAR	1618.686	45.02326	669.9054	29.96413	0	0	0
59 FAIRFAX CC 709 - MOSI	2008.174	43.50505	658.072	25.64796	0	0	0
59 FAIRFAX CC 710 - PINE	1351.487	24.55814	412.3984	16.13453	0	0	0
59 FAIRFAX CC 711 - PRICE	1298.62	26.10303	543.979	16.32143	0	0	0
59 FAIRFAX CC 712 - SHRE	673.8071	24.55814	311.719	11.52466	0	0	0
59 FAIRFAX CC 713 - TIMB	1967.207	24.55814	576.9705	20.74439	0	0	0
59 FAIRFAX CC 714 - WAL	1695.792	28.27828	745.6791	20.98469	0	0	0
59 FAIRFAX CC 717 - WOO	1209.367	28.27828	376.9143	11.65816	0	0	0
59 FAIRFAX CC 718 - PINE	1329.858	43.50505	554.1659	16.32143	0	0	0
59 FAIRFAX CC 720 - THOR	1316.47	47.85555	692.7074	16.32143	0	0	0
59 FAIRFAX CC 721 - MERF	2213.455	50.0308	543.979	25.64796	0	0	0
59 FAIRFAX CC 723 - GALL	1062.101	19.57727	305.6062	2.331633	0	0	0
59 FAIRFAX CC 726 - MAG	1672.9	45.02326	606.0127	27.65919	0	0	0
59 FAIRFAX CC 727 - OAKT	1048.713	21.75252	694.7448	18.65306	0	0	0
59 FAIRFAX CC 729 - NOTT	883.5968	23.92777	468.5962	20.98469	0	0	0
59 FAIRFAX CC 730 - PEND	2597.239	34.80404	977.9398	27.97959	0	0	0
59 FAIRFAX CC 731 - TYSO	2137.59	52.20605	653.9973	18.65306	0	0	0
59 FAIRFAX CC 732 - OAK I	1298.62	52.20605	867.9216	20.98469	0	0	0
59 FAIRFAX CC 733 - KILMI	1892.147	32.62878	635.6609	18.65306	0	0	0
59 FAIRFAX CC 734 - HUN	651.5411	15.22677	228.186	6.994898	0	0	0
59 FAIRFAX CC 735 - ROTC	1490.512	4.350505	405.4376	4.663265	0	0	0
59 FAIRFAX CC 801 - BURK	3244.317	58.73181	1130.743	27.97959	0	0	0
59 FAIRFAX CC 802 - CEDA	620.3028	6.525757	260.784	11.65816	0	0	0
59 FAIRFAX CC 803 - CLIFT	1387.931	61.67568	1634.442	17.2634	0	0	0
59 FAIRFAX CC 804 - COLC	1199.131	22.02703	723.0908	9.864802	0	0	0
59 FAIRFAX CC 805 - FAIRF	1306.288	37.44595	624.682	34.52681	0	0	0
59 FAIRFAX CC 806 - SYDE	2307.169	50.0308	941.2671	9.326531	0	0	0
59 FAIRFAX CC 807 - HUN	1579.764	50.0308	696.7821	25.64796	0	0	0
59 FAIRFAX CC 811 - POHI	1677.941	26.10303	541.9417	9.326531	0	0	0
59 FAIRFAX CC 812 - VALLI	2088.501	32.62878	833.2862	25.64796	0	0	0
59 FAIRFAX CC 815 - WOO	1765.53	24.22973	1189.463	17.2634	0	0	0
59 FAIRFAX CC 824 - ORAN	2753.43	60.90706	1252.985	34.97449	0	0	0
59 FAIRFAX CC 825 - CHER	1843.058	36.97929	971.8277	16.32143	0	0	0
59 FAIRFAX CC 827 - IRVIN	1548.526	19.57727	741.6044	18.65306	0	0	0
59 FAIRFAX CC 833 - WHIT	2525.837	50.0308	977.9398	23.31633	0	0	0
59 FAIRFAX CC 838 - SANG	1551.217	28.63514	723.0908	14.7972	0	0	0
59 FAIRFAX CC 839 - SILVE	1780.838	35.24324	1080.358	22.1958	0	0	0

59	FAIRFAX CC840 - WEST	2244.693	34.80404	829.2115	41.96939	0	0	0
59	FAIRFAX CC841 - POPE	847.046	26.43243	678.165	14.7972	0	0	0
59	FAIRFAX CC842 - PARK	1289.694	43.50505	833.2862	23.31633	0	0	0
59	FAIRFAX CC843 - FAIR	2097.427	45.6803	747.7165	23.31633	0	0	0
59	FAIRFAX CC844 - CENT	1307.545	30.45353	462.484	18.65306	0	0	0
59	FAIRFAX CC845 - FOUN	1918.61	39.64865	1491.107	44.39161	0	0	0
59	FAIRFAX CC846 - GREE	1918.922	34.80404	774.2024	23.31633	0	0	0
59	FAIRFAX CC847 - GREE	1607.346	33.04054	733.7874	12.331	0	0	0
59	FAIRFAX CC848 - FAIR	1374.484	21.75252	639.7356	6.994898	0	0	0
59	FAIRFAX CC849 - NEWI	2678.911	39.64865	1585.238	17.2634	0	0	0
59	FAIRFAX CC850 - SOUT	1367.52	26.43243	930.605	14.7972	0	0	0
59	FAIRFAX CC851 - WILL	1298.62	23.92777	772.165	13.9898	0	0	0
59	FAIRFAX CC901 - CENT	1941.235	32.62878	743.6418	16.32143	0	0	0
59	FAIRFAX CC902 - BROC	3638.216	35.24324	1232.249	12.331	0	0	0
59	FAIRFAX CC903 - CUB F	2183.95	57.27027	1138.119	22.1958	0	0	0
59	FAIRFAX CC904 - STON	1056.256	24.22973	609.7067	27.12821	0	0	0
59	FAIRFAX CC905 - FRAN	658.2466	24.22973	271.6939	17.2634	0	0	0
59	FAIRFAX CC908 - HIDD	1484.882	28.63514	714.5335	24.662	0	0	0
59	FAIRFAX CC909 - OAK I	1551.217	22.02703	654.6325	17.2634	0	0	0
59	FAIRFAX CC910 - LONC	2699.879	39.15454	890.3327	23.31633	0	0	0
59	FAIRFAX CC911 - NAVY	1959.432	39.64865	941.3016	29.59441	0	0	0
59	FAIRFAX CC913 - ROCK	2092.102	57.27027	1279.315	27.12821	0	0	0
59	FAIRFAX CC914 - VALE	1342.007	46.25676	693.1403	24.662	0	0	0
59	FAIRFAX CC915 - VIRGI	1678.784	41.85135	1063.243	27.12821	0	0	0
59	FAIRFAX CC916 - WAPI	2076.794	44.05405	1283.593	39.45921	0	0	0
59	FAIRFAX CC917 - STON	1326.699	30.83784	489.9047	14.7972	0	0	0
59	FAIRFAX CC918 - CENT	3034.575	45.6803	1077.771	18.65306	0	0	0
59	FAIRFAX CC919 - GREE	2708.804	30.45353	935.155	13.9898	0	0	0
59	FAIRFAX CC920 - CHAN	1796.146	17.62162	691.001	22.1958	0	0	0
59	FAIRFAX CC921 - DEER	2086.999	57.27027	1121.005	29.59441	0	0	0
59	FAIRFAX CC923 - BULL	1387.931	17.62162	1073.94	24.662	0	0	0
59	FAIRFAX CC924 - SPIN	1298.62	26.10303	368.7648	16.32143	0	0	0
59	FAIRFAX CC925 - OLD F	1479.779	46.25676	560.5023	12.331	0	0	0
59	FAIRFAX CC926 - POW	3217.542	39.15454	1228.537	16.32143	0	0	0
59	FAIRFAX CC927 - ARMI	1234.85	6.608108	605.4281	9.864802	0	0	0
59	FAIRFAX CC928 - POPL	1831.865	57.27027	919.9084	34.52681	0	0	0
59	FAIRFAX CC929 - DIFFI	494.9606	6.608108	346.5701	4.932401	0	0	0
59	FAIRFAX CC930 - LEES	1571.628	44.05405	637.5179	14.7972	0	0	0
59	FAIRFAX CC931 - CARS	1959.432	26.43243	686.7223	19.7296	0	0	0
59	FAIRFAX CC932 - STON	1321.596	15.41892	440.7003	29.59441	0	0	0
59	FAIRFAX CC933 - COMI	522.1254	10.87626	222.0738	0	0	0	0
61	FAUQUIER 101 - KETTI	390.6862	19.83103	766.3688	13.80282	0	0	0
61	FAUQUIER 102 - CATLI	676.4745	45.28125	1743.185	9	0	0	0
61	FAUQUIER 103 - CASA	572.6496	22.03448	886.8957	8.28169	0	0	0
61	FAUQUIER 104 - LOIS	410.7166	12.9375	900.0247	4.5	0	0	0
61	FAUQUIER 105 - OPAL	433.5011	30.84828	973.3111	2.760563	0	0	0
61	FAUQUIER 106 - BALD	652.9276	30.84828	955.1184	2.760563	0	0	0

61	FAUQUIER 201 - COUF	1380.781	81.52759	1359.907	22.08451	0	0	0
61	FAUQUIER 202 - AIRLI	818.8354	35.25517	1232.558	22.08451	0	0	0
61	FAUQUIER 203 - WARI	1188.114	44.06897	1130.223	8.28169	0	0	0
61	FAUQUIER 301 - MORI	463.8682	36.65625	1474.55	4.5	0	0	0
61	FAUQUIER 302 - REMI	1252.337	52.88276	1837.466	11.04225	0	0	0
61	FAUQUIER 303 - BEAL	1381.941	43.125	1590.24	9	0	0	0
61	FAUQUIER 401 - MAR	1434.3	50.67931	1571.397	13.80282	0	0	0
61	FAUQUIER 402 - LEED	1337.966	41.86552	1582.768	22.08451	0	0	0
61	FAUQUIER 403 - WAT	776.0205	59.4931	1610.057	22.08451	0	0	0
61	FAUQUIER 404 - SPRIN	337.1675	30.84828	693.5979	5.521127	0	0	0
61	FAUQUIER 501 - THE F	1803.579	33.05172	1362.181	11.04225	0	0	0
61	FAUQUIER 502 - NEW	722.5018	28.64483	1266.669	2.760563	0	0	0
61	FAUQUIER 503 - BROA	727.8537	30.84828	989.2298	11.04225	0	0	0
61	FAUQUIER 504 - VINT	802.7798	46.27241	1180.253	16.56338	0	0	0
63	FLOYD COL 101 - LOC	812.2403	45.43636	1381.887	5.142857	0	0	0
63	FLOYD COL 201 - LIT	438.3519	32.07273	1173.581	5.142857	0	0	0
63	FLOYD COL 301 - COUF	754.2232	16.03636	801.6059	0	0	0	0
63	FLOYD COL 401 - BURK	547.9399	32.07273	1329.81	7.714286	0	0	0
63	FLOYD COL 501 - INDIA	451.2446	21.38182	1538.116	18	0	0	0
65	FLUVANNA 101 - PALM	1712.691	36.45161	1677.419	14.57143	0	0	0
65	FLUVANNA 201 - COLU	1436.822	46.17204	1601.461	18.21429	0	0	0
65	FLUVANNA 301 - FORK	1729.933	34.02151	1519.172	10.92857	0	0	0
65	FLUVANNA 401 - CUN	1206.93	53.46237	2173.26	7.285714	0	0	0
65	FLUVANNA 501 - RIVA	1327.623	55.89247	1183.688	0	0	0	0
67	FRANKLIN (102 - BURN	469.8312	22.5	1442.357	4.723404	0	0	0
67	FRANKLIN (103 - SCR	680.8332	33	2098.644	3.148936	0	0	0
67	FRANKLIN (201 - GLAD	424.8174	7.5	1396.638	9.446809	0	0	0
67	FRANKLIN (202 - PENH	419.1907	9	873.083	3.148936	0	0	0
67	FRANKLIN (203 - HOD	118.1611	3	215.3211	0	0	0	0
67	FRANKLIN (204 - DUD	334.7899	13.5	853.9106	1.574468	0	0	0
67	FRANKLIN (301 - SNOV	154.7348	10.5	712.3295	4.723404	0	0	0
67	FRANKLIN (302 - FORK	177.2417	4.5	651.8626	0	0	0	0
67	FRANKLIN (303 - SONT	658.3263	21	898.1546	3.148936	0	0	0
67	FRANKLIN (304 - DICK	275.7093	6	432.1171	0	0	0	0
67	FRANKLIN (401 - HENR	306.6563	7.5	1232.935	3.148936	0	0	0
67	FRANKLIN (402 - FERR	340.4166	12	625.3162	1.574468	0	0	0
67	FRANKLIN (403 - ENDI	199.7486	16.5	771.3216	3.148936	0	0	0
67	FRANKLIN (501 - WAID	292.5895	7.5	738.876	1.574468	0	0	0
67	FRANKLIN (502 - CALL	334.7899	21	1122.325	4.723404	0	0	0
67	FRANKLIN (503 - BOW	267.2692	12	594.3454	3.148936	0	0	0
67	FRANKLIN (504 - GOG	331.9765	10.5	914.3775	1.574468	0	0	0
67	FRANKLIN (601 - BOO	430.4441	46.5	1199.014	1.574468	0	0	0
67	FRANKLIN (602 - BONE	430.4441	24	1250.632	9.446809	0	0	0
67	FRANKLIN (603 - COOF	292.5895	16.5	968.9452	3.148936	0	0	0
67	FRANKLIN (701 - ROCK	582.3656	18	871.6082	0	0	0	0
67	FRANKLIN (702 - ROCK	520.4716	19.5	594.3454	3.148936	0	0	0
67	FRANKLIN (703 - ROCK	337.6032	12	436.5415	7.87234	0	0	0

69	FREDERICK 101 - RUSS	362.1149	31.91587	1460.996	7.478261	374.4402	1539.335	0
69	FREDERICK 102 - GORE	798.3978	46.9351	2347.67	2.492754	837.8099	2466.671	0
69	FREDERICK 103 - KERN	719.8669	30.03846	1487.194	14.95652	711.4364	1574.603	0
69	FREDERICK 104 - CEDA	724.2297	35.67067	1332.026	2.492754	744.1999	1400.339	7.941176
69	FREDERICK 201 - GAIN	253.0441	18.77404	1227.237	0	257.4276	1263.417	5.294118
69	FREDERICK 202 - ALBIN	322.8494	22.52885	1064.008	7.478261	308.9132	1130.644	2.647059
69	FREDERICK 203 - REDL	610.7961	37.54808	1839.848	9.971014	599.1043	1935.579	2.647059
69	FREDERICK 204 - NAIN	335.9379	26.28365	1027.735	7.478261	393.1622	1060.108	0
69	FREDERICK 301 - CLEA	366.4777	13.14183	1106.327	2.492754	0	0	0
69	FREDERICK 302 - NEFF	1540.079	41.30288	1747.15	12.46377	0	0	0
69	FREDERICK 303 - WHIT	680.6014	37.54808	1559.74	14.95652	678.6729	1663.81	5.294118
69	FREDERICK 401 - CARP	855.1146	30.03846	1229.252	17.44928	0	0	0
69	FREDERICK 402 - SHEN	527.9024	28.16106	928.9922	0	0	0	0
69	FREDERICK 403 - PARK	1099.433	58.19952	1545.633	7.478261	0	0	0
69	FREDERICK 404 - ARMI	903.1057	60.07692	1261.495	0	0	0	0
69	FREDERICK 501 - STEPI	1020.902	33.79327	1352.177	7.478261	1099.918	1414.861	2.647059
69	FREDERICK 502 - NEW	1265.221	50.6899	2055.471	12.46377	1310.541	2147.186	13.23529
69	FREDERICK 503 - CANT	1217.229	30.03846	1765.287	12.46377	1254.375	1848.447	5.294118
69	FREDERICK 601 - MILLI	802.7606	33.79327	1078.115	7.478261	0	0	0
69	FREDERICK 602 - ASH	1129.973	37.54808	1162.752	9.971014	0	0	0
69	FREDERICK 603 - GREE	1670.964	76.97356	1978.894	14.95652	0	0	0
71	GILES COUNCIL 101 - GLEN	39.30996	3.04878	146.7948	0	0	0	0
71	GILES COUNCIL 102 - RICH	211.669	9.146341	548.8122	3.230769	0	0	0
71	GILES COUNCIL 103 - NARR	368.9088	25.91463	1394.55	0	0	0	0
71	GILES COUNCIL 201 - PEAR	302.3843	32.0122	1319.485	3.230769	0	0	0
71	GILES COUNCIL 202 - STAFI	69.54839	7.621951	392.0087	3.230769	0	0	0
71	GILES COUNCIL 203 - WHIT	48.38149	1.52439	290.2533	1.615385	0	0	0
71	GILES COUNCIL 301 - EGGL	260.0505	12.19512	577.1703	1.615385	0	0	0
71	GILES COUNCIL 302 - PEME	486.8387	19.81707	1417.904	6.461538	0	0	0
71	GILES COUNCIL 303 - NEWI	368.9088	13.71951	789.0218	1.615385	0	0	0
73	GLOUCESTER 101 - HARC	555.543	30.05909	1247.089	2.333333	0	0	0
73	GLOUCESTER 102 - SALE	663.0674	31.82727	1151.825	0	0	0	0
73	GLOUCESTER 103 - PEAS	301.0685	30.05909	841.785	4.666667	0	0	0
73	GLOUCESTER 201 - COUF	491.0283	19.45	814.072	7	0	0	0
73	GLOUCESTER 202 - BOTE	655.8991	49.50909	1396.047	9.333333	0	0	0
73	GLOUCESTER 301 - WHIT	637.9784	21.21818	1352.745	0	0	0	0
73	GLOUCESTER 302 - ROAN	713.2455	37.13182	1508.631	9.333333	0	0	0
73	GLOUCESTER 401 - HAYE	863.7797	53.04545	1519.024	4.666667	0	0	0
73	GLOUCESTER 402 - SARA	792.0968	30.05909	1356.209	9.333333	0	0	0
73	GLOUCESTER 501 - ACHII	698.9089	44.20455	2357.345	9.333333	0	0	0
73	GLOUCESTER 502 - WALK	591.3845	42.43636	1330.228	0	0	0	0
75	GOOCHLAND 101 - FIFE	587.9007	30.25	979.5079	3.6875	0	0	0
75	GOOCHLAND 102 - HADE	734.8759	30.25	1468.166	12.90625	0	0	0
75	GOOCHLAND 201 - THRE	398.2553	5.671875	392.2414	0	0	0	0
75	GOOCHLAND 202 - SAND	1014.603	24.57813	1167.959	3.6875	0	0	0
75	GOOCHLAND 301 - GOOC	512.0426	26.46875	826.1174	5.53125	0	0	0
75	GOOCHLAND 302 - GOOC	284.4681	17.01563	444.8325	0	0	0	0

75	GOOCHLAND 401 - SHAL	891.3333	28.35938	1297.245	7.375	0	0	0
75	GOOCHLAND 402 - CENT	587.9007	26.46875	889.6649	1.84375	0	0	0
75	GOOCHLAND 501 - MAN	910.2979	18.90625	1529.522	16.59375	0	0	0
75	GOOCHLAND 502 - BLAIF	763.3227	34.03125	970.7427	7.375	0	0	0
77	GRAYSON (101 - BRID	98.75919	1.513514	294.5976	2.2	0	0	0
77	GRAYSON (102 - FLAT	73.36397	0	163.0007	0	0	0	0
77	GRAYSON (103 - GRAN	95.9375	9.081081	305.0655	0	0	0	0
77	GRAYSON (104 - MOU	50.79044	1.513514	165.9915	2.2	0	0	0
77	GRAYSON (105 - MOU	56.43382	0	275.1571	0	0	0	0
77	GRAYSON (106 - RUGE	84.65074	6.054054	270.6709	0	0	0	0
77	GRAYSON (107 - TROU	25.39522	0	165.9915	0	0	0	0
77	GRAYSON (108 - COMI	79.00735	3.027027	188.4228	2.2	0	0	0
77	GRAYSON (202 - ELK C	73.36397	7.567568	439.6532	0	0	0	0
77	GRAYSON (203 - INDEI	194.6967	6.054054	934.637	2.2	0	0	0
77	GRAYSON (301 - BAYM	87.47243	6.054054	643.0302	0	0	0	0
77	GRAYSON (302 - FAIR	208.8051	10.59459	885.2881	2.2	0	0	0
77	GRAYSON (401 - FRIES	172.1232	0	426.1945	0	0	0	0
77	GRAYSON (402 - PROV	138.2629	3.027027	960.0591	0	0	0	0
77	GRAYSON (403 - OLDT	95.9375	1.513514	411.2403	0	0	0	0
79	GREENE CC 101 - DYKE	308.7515	28.74312	907.5387	8.6	0	0	0
79	GREENE CC 102 - SWIF	627.7948	42.00917	1134.945	8.6	0	0	0
79	GREENE CC 201 - RUCK	1373.944	61.90826	1790.042	5.733333	0	0	0
79	GREENE CC 301 - STAN	797.6082	44.22018	1485.443	8.6	0	0	0
79	GREENE CC 401 - MIDV	1054.901	64.11927	1548.032	11.46667	0	0	0
81	GREENSVIL 101 - PREC	358.7896	3.833333	214.8678	1.25	0	0	0
81	GREENSVIL 102 - PREC	76.29435	1.277778	156.9602	1.25	0	0	0
81	GREENSVIL 103 - PREC	317.5495	5.111111	47.24045	0	0	0	0
81	GREENSVIL 201 - PREC	424.7739	0	163.0557	0	0	0	0
81	GREENSVIL 202 - PREC	253.6272	1.277778	451.0701	2.5	0	0	0
81	GREENSVIL 302 - PREC	604.1688	5.111111	306.301	3.75	0	0	0
81	GREENSVIL 401 - PREC	101.0385	1.277778	245.3455	0	0	0	0
81	GREENSVIL 402 - PREC	377.3477	2.555556	202.6768	0	0	0	0
81	GREENSVIL 403 - PREC	113.4105	2.555556	126.4825	1.25	0	0	0
83	HALIFAX C(101 - CHIL	449.6509	9.210526	672.794	0	0	0	0
83	HALIFAX C(102 - LIBER	237.6204	3.684211	367.3193	0	0	0	0
83	HALIFAX C(103 - REPU	519.1092	11.05263	543.4826	0	0	0	0
83	HALIFAX C(201 - CLAY	142.5722	3.684211	432.912	0	0	0	0
83	HALIFAX C(202 - CROS	263.2103	3.684211	498.5048	0	0	0	0
83	HALIFAX C(203 - CLOV	566.6333	1.842105	579.0901	0	0	0	0
83	HALIFAX C(302 - MEAL	339.98	3.684211	166.7929	0	0	0	0
83	HALIFAX C(304 - VERN	244.9318	0	530.3641	0	0	0	0
83	HALIFAX C(305 - SINAI	650.7144	3.684211	290.4821	2.4	0	0	0
83	HALIFAX C(401 - COUF	321.7015	9.210526	333.5859	0	0	0	0
83	HALIFAX C(403 - CENT	339.98	5.526316	419.7935	2.4	0	0	0
83	HALIFAX C(502 - DAN	522.7649	16.57895	650.3051	4.8	0	0	0
83	HALIFAX C(503 - SCOT	263.2103	7.368421	697.157	0	0	0	0
83	HALIFAX C(601 - BLAC	193.752	7.368421	573.4679	4.8	0	0	0

83	HALIFAX C 603 - MT C	614.1574	5.526316	753.3794	2.4	0	0	0
83	HALIFAX C 605 - UNIO	153.5393	1.842105	284.8599	0	0	0	0
83	HALIFAX C 701 - HYCC	336.3243	11.05263	884.5648	2.4	0	0	0
83	HALIFAX C 702 - MIDV	193.752	14.73684	837.7129	2.4	0	0	0
83	HALIFAX C 703 - VIRGI	157.195	7.368421	624.068	2.4	0	0	0
83	HALIFAX C 801 - SOUT	1155.201	12.89474	277.3636	0	0	0	0
85	HANOVER 101 - ASHL	983.7952	25.95294	776.9408	8.965517	0	0	0
85	HANOVER 104 - SLIDI	827.3759	36.76667	981.9669	0	0	0	0
85	HANOVER 105 - BERK	1148.447	25.95294	645.2925	4.482759	0	0	0
85	HANOVER 106 - KERSI	473.3743	19.46471	556.8076	2.241379	0	0	0
85	HANOVER 107 - CHICI	543.3513	25.95294	753.201	6.724138	0	0	0
85	HANOVER 1201 - BEAV	617.4447	47.58039	2162.485	13.44828	0	0	0
85	HANOVER 1202 - BLUN	720.3521	28.11569	1066.135	6.724138	0	0	0
85	HANOVER 1203 - WILM	572.1654	34.60392	1387.703	2.241379	0	0	0
85	HANOVER 1206 - COUF	428.095	15.13922	705.7213	2.241379	0	0	0
85	HANOVER 1208 - OAK I	362.2342	30.27843	990.5996	2.241379	0	0	0
85	HANOVER 1209 - WEST	259.3268	2.162745	517.9606	2.241379	0	0	0
85	HANOVER 1210 - OAK I	185.2334	10.81373	334.5162	2.241379	0	0	0
85	HANOVER 1301 - CLAY	572.1654	17.30196	951.7525	11.2069	0	0	0
85	HANOVER 1303 - SHAD	687.4218	38.92941	1178.36	2.241379	0	0	0
85	HANOVER 1304 - ATLEI	1671.217	69.20784	2162.485	20.17241	0	0	0
85	HANOVER 1305 - COOL	658.6077	25.95294	1046.712	8.965517	0	0	0
85	HANOVER 1401 - BATT	543.3513	25.95294	1603.52	4.482759	0	0	0
85	HANOVER 1403 - COLD	1181.378	67.0451	2276.868	8.965517	0	0	0
85	HANOVER 1404 - BLAC	605.0958	19.46471	2486.211	4.482759	0	0	0
85	HANOVER 1405 - PEBB	761.5151	32.44118	960.3852	6.724138	0	0	0
85	HANOVER 1406 - BEAV	370.4668	10.81373	425.1593	8.965517	0	0	0
85	HANOVER 1502 - RURA	629.7936	23.7902	1422.233	11.2069	0	0	0
85	HANOVER 1503 - NEWI	794.4455	43.2549	1204.258	13.44828	0	0	0
85	HANOVER 1504 - STUD	473.3743	25.95294	1396.335	4.482759	0	0	0
85	HANOVER 1505 - TOTC	341.6527	23.7902	1040.237	2.241379	0	0	0
85	HANOVER 1506 - GEOF	436.3276	32.44118	869.7421	2.241379	0	0	0
85	HANOVER 1507 - LAUR	646.2588	43.2549	1392.019	6.724138	0	0	0
85	HANOVER 1601 - VILLA	1214.308	36.76667	2002.781	15.68966	0	0	0
85	HANOVER 1602 - LEE D	843.8411	34.60392	1607.836	8.965517	0	0	0
85	HANOVER 1603 - MECH	1115.517	56.23137	1154.62	13.44828	0	0	0
85	HANOVER 1604 - HANC	489.8395	17.30196	893.482	2.241379	0	0	0
85	HANOVER 1701 - FARR	642.1425	32.44118	1435.182	6.724138	0	0	0
85	HANOVER 1702 - MON	1119.633	30.27843	1493.453	4.482759	0	0	0
85	HANOVER 1703 - ROCK	954.9811	32.44118	1821.495	15.68966	0	0	0
85	HANOVER 1704 - ELMC	872.6552	30.27843	1523.667	17.93103	0	0	0
85	HANOVER 1705 - SOUT	559.8165	30.27843	1089.875	4.482759	0	0	0
87	HENRICO C 101 - COAL	1604.938	47.14014	1514.851	6.413174	0	0	0
87	HENRICO C 102 - DUM	1958.51	48.88608	563.7911	4.275449	0	0	0
87	HENRICO C 103 - GLEN	1306.829	40.15642	1513.05	10.68862	0	0	0
87	HENRICO C 105 - GREE	2007.04	31.42676	1078.948	27.79042	0	0	0
87	HENRICO C 106 - HERN	1736.661	50.63201	1008.7	10.68862	0	0	0

87 HENRICO C 108 - HUN	1358.825	43.64828	1172.613	0	0	0	0
87 HENRICO C 109 - HUN	509.5593	17.45931	646.6486	2.137725	0	0	0
87 HENRICO C 110 - JOHN	2377.943	38.41049	898.8235	29.92814	0	0	0
87 HENRICO C 111 - LAKE	2121.43	61.10759	1273.483	25.65269	0	0	0
87 HENRICO C 112 - LONG	1615.337	47.14014	1100.563	10.68862	0	0	0
87 HENRICO C 113 - MAU	717.5426	17.45931	480.9336	8.550898	0	0	0
87 HENRICO C 114 - MON	773.0049	19.20524	462.9211	17.1018	0	0	0
87 HENRICO C 115 - STAP	1234.035	45.39421	1179.818	10.68862	0	0	0
87 HENRICO C 117 - WEST	1130.043	24.44304	655.6548	10.68862	0	0	0
87 HENRICO C 201 - ADAM	1503.207	11.947	88.70753	4.542857	0	0	0
87 HENRICO C 202 - AZAL	3196.011	36.66456	223.3549	4.275449	0	0	0
87 HENRICO C 203 - BELM	1854.518	47.14014	700.6861	8.550898	0	0	0
87 HENRICO C 204 - BROC	457.5634	12.22152	327.8274	0	0	0	0
87 HENRICO C 205 - CANT	339.7062	1.745931	295.4049	0	0	0	0
87 HENRICO C 206 - CENT	2132.533	18.77385	57.49562	6.814286	0	0	0
87 HENRICO C 207 - CHAN	1670.8	24.44304	549.3811	2.137725	0	0	0
87 HENRICO C 208 - FAIRF	1731.46	10.24028	73.92294	11.35714	0	0	0
87 HENRICO C 209 - GLEN	1376.038	20.48057	208.627	4.542857	0	0	0
87 HENRICO C 210 - GREE	1119.644	22.69711	288.1999	2.137725	0	0	0
87 HENRICO C 211 - HIGH	932.5754	13.65371	41.0683	4.542857	0	0	0
87 HENRICO C 212 - HOLL	669.0132	6.983725	221.5537	0	0	0	0
87 HENRICO C 213 - HUNC	1310.295	24.44304	302.6099	4.275449	0	0	0
87 HENRICO C 214 - LONG	1348.426	33.17269	560.1886	0	0	0	0
87 HENRICO C 215 - MAPI	2161.879	17.06714	123.2049	9.085714	0	0	0
87 HENRICO C 216 - MOO	634.3493	26.18897	416.0886	6.413174	0	0	0
87 HENRICO C 217 - MOU	558.0887	3.491863	261.1812	2.137725	0	0	0
87 HENRICO C 218 - OAKV	121.3236	3.491863	73.85123	0	0	0	0
87 HENRICO C 219 - RANC	360.5045	3.491863	59.44123	4.275449	0	0	0
87 HENRICO C 220 - RATC	2823.812	17.06714	154.4168	2.271429	0	0	0
87 HENRICO C 221 - STRA	207.9834	17.45931	163.9137	2.137725	0	0	0
87 HENRICO C 222 - WILD	1178.572	15.71338	286.3987	8.550898	0	0	0
87 HENRICO C 223 - YELL	1549.476	26.18897	824.9723	14.96407	0	0	0
87 HENRICO C 224 - ESSE	1105.395	13.65371	22.99825	4.542857	0	0	0
87 HENRICO C 301 - CAUS	1171.64	33.17269	891.6185	10.68862	0	0	0
87 HENRICO C 302 - CEDA	811.1351	38.41049	871.8048	6.413174	0	0	0
87 HENRICO C 303 - INNS	1383.089	41.90235	1048.327	12.82635	0	0	0
87 HENRICO C 304 - JACK	831.9335	12.22152	745.7173	8.550898	0	0	0
87 HENRICO C 305 - NUCK	1369.224	54.12387	1345.533	32.06587	0	0	0
87 HENRICO C 306 - POCA	1261.766	19.20524	888.016	14.96407	0	0	0
87 HENRICO C 307 - RIDG	967.1227	26.18897	630.4373	10.68862	0	0	0
87 HENRICO C 308 - RIVE	1469.749	24.44304	1329.322	12.82635	0	0	0
87 HENRICO C 309 - SADL	1421.22	24.44304	1001.495	12.82635	0	0	0
87 HENRICO C 310 - SHAD	1528.678	36.66456	1576.093	12.82635	0	0	0
87 HENRICO C 311 - SHOR	807.6687	19.20524	731.3073	6.413174	0	0	0
87 HENRICO C 312 - SPRIN	1251.367	22.69711	675.4686	12.82635	0	0	0
87 HENRICO C 313 - STON	1365.757	36.66456	1374.353	12.82635	0	0	0
87 HENRICO C 314 - THRE	1455.884	41.90235	1242.862	8.550898	0	0	0

87 HENRICO C 315 - TUCK	2353.678	47.14014	709.6923	19.23952	0	0	0
87 HENRICO C 316 - COLO	1088.446	17.45931	648.4498	4.275449	0	0	0
87 HENRICO C 401 - QUIO	1497.48	31.42676	949.2585	14.96407	0	0	0
87 HENRICO C 402 - CRES	1740.128	36.66456	900.6248	19.23952	0	0	0
87 HENRICO C 403 - DERB	1043.383	22.69711	1005.097	14.96407	0	0	0
87 HENRICO C 404 - FREEI	1043.383	34.91863	803.3573	10.68862	0	0	0
87 HENRICO C 405 - GAYT	880.4629	33.17269	1033.917	19.23952	0	0	0
87 HENRICO C 406 - GOD\	873.5301	10.47559	794.351	12.82635	0	0	0
87 HENRICO C 407 - LAKE\	866.5974	20.95118	806.9598	14.96407	0	0	0
87 HENRICO C 408 - LAUD	1497.48	43.64828	947.4573	6.413174	0	0	0
87 HENRICO C 409 - MAYE	1355.358	31.42676	1035.718	19.23952	0	0	0
87 HENRICO C 410 - MOO	703.6771	19.20524	871.8048	10.68862	0	0	0
87 HENRICO C 411 - PEME	1424.686	22.69711	803.3573	19.23952	0	0	0
87 HENRICO C 412 - PINCI	1802.523	45.39421	1048.327	19.23952	0	0	0
87 HENRICO C 413 - RIDGI	1393.489	47.14014	1408.577	17.1018	0	0	0
87 HENRICO C 414 - ROLLI	1237.501	54.12387	792.5498	12.82635	0	0	0
87 HENRICO C 415 - SKIPV	908.194	6.983725	567.3936	6.413174	0	0	0
87 HENRICO C 416 - SPOT	731.4082	12.22152	506.1511	10.68862	0	0	0
87 HENRICO C 417 - TUCK	1019.119	40.15642	1253.67	21.37725	0	0	0
87 HENRICO C 418 - WELE	1244.434	41.90235	702.4873	12.82635	0	0	0
87 HENRICO C 419 - WEST	1202.837	41.90235	1136.588	17.1018	0	0	0
87 HENRICO C 501 - ANTIK	551.0673	15.36042	1404.536	6.814286	0	0	0
87 HENRICO C 502 - CEDA	1040.18	13.65371	142.9177	2.271429	0	0	0
87 HENRICO C 503 - CHICI	877.1426	22.18728	938	2.271429	0	0	0
87 HENRICO C 504 - DON\	1141.264	23.89399	505.9615	4.542857	0	0	0
87 HENRICO C 505 - DORE	1121.699	30.72085	870.648	2.271429	0	0	0
87 HENRICO C 506 - EANE	1692.331	20.48057	453.394	9.085714	0	0	0
87 HENRICO C 507 - ELKO	192.3844	6.826855	586.4553	0	0	0	0
87 HENRICO C 508 - HIGH	1659.723	22.18728	239.8389	9.085714	0	0	0
87 HENRICO C 509 - LABU	1340.17	11.947	336.7601	4.542857	0	0	0
87 HENRICO C 510 - MEHI	1255.39	15.36042	463.2504	9.085714	0	0	0
87 HENRICO C 511 - MON	2315.135	23.89399	267.7653	15.9	0	0	0
87 HENRICO C 512 - NINE	926.0539	22.18728	363.0438	2.271429	0	0	0
87 HENRICO C 513 - PLEA	2589.038	11.947	228.3398	4.542857	0	0	0
87 HENRICO C 514 - ROLF	2155.358	15.36042	215.1979	11.35714	0	0	0
87 HENRICO C 515 - SAND	942.3577	35.84099	1276.403	9.085714	0	0	0
87 HENRICO C 516 - SULLI	1822.761	27.30742	532.2452	13.62857	0	0	0
87 HENRICO C 517 - TOWI	427.1587	5.120141	504.3187	4.542857	0	0	0
87 HENRICO C 518 - WHIT	723.8872	35.84099	1156.483	0	0	0	0
89 HENRY COL 101 - BASSI	338.6409	1.670213	304.9086	0	0	0	0
89 HENRY COL 102 - GUN\	263.7492	10.02128	1016.362	0	0	0	0
89 HENRY COL 103 - SCOT	468.8875	18.37234	1631.347	1.928571	0	0	0
89 HENRY COL 201 - FIELD	237.6999	15.03191	440.9978	1.928571	0	0	0
89 HENRY COL 202 - HORS	393.9957	6.680851	926.7845	0	0	0	0
89 HENRY COL 203 - HORS	661.0011	10.02128	310.0766	5.785714	0	0	0
89 HENRY COL 204 - SPEN	452.6066	6.680851	1147.283	7.714286	0	0	0
89 HENRY COL 302 - AXTO	450.5857	8.684211	507.8449	0	0	0	0

89 HENRY COI 303 - IRISBI	641.5119	15.63158	906.9872	0	0	0	0
89 HENRY COI 304 - MOU	568.3976	6.947368	565.5932	0	0	0	0
89 HENRY COI 305 - MOU	393.3079	12.15789	540.116	0	0	0	0
89 HENRY COI 401 - COLLI	205.1383	8.351064	515.0717	0	0	0	0
89 HENRY COI 402 - DANI	322.3601	5.010638	520.2396	0	0	0	0
89 HENRY COI 404 - COLLI	488.4244	20.04255	739.0159	3.857143	0	0	0
89 HENRY COI 405 - MOU	378.0338	3.473684	473.8754	0	0	0	0
89 HENRY COI 501 - BASSI	312.5916	13.3617	428.9393	0	0	0	0
89 HENRY COI 502 - FIGSE	224.6752	3.340426	720.0667	0	0	0	0
89 HENRY COI 503 - STAN	332.1286	6.680851	1173.123	1.928571	0	0	0
89 HENRY COI 504 - OAK I	227.9314	5.010638	456.5016	0	0	0	0
89 HENRY COI 505 - DYER	168.4317	8.351064	445.344	1.928571	0	0	0
89 HENRY COI 601 - FONT	452.6066	10.02128	708.0082	0	0	0	0
89 HENRY COI 602 - HILLC	240.9561	3.340426	320.4125	0	0	0	0
89 HENRY COI 603 - RIDGI	584.234	19.10526	1076.835	3	0	0	0
89 HENRY COI 604 - RIDGI	319.104	5.010638	849.2653	1.928571	0	0	0
91 HIGHLAND 001 - MON	135.9783	3.384615	285.4818	0	0	0	0
91 HIGHLAND 003 - WILSI	20.39674	5.076923	93.45369	0	0	0	0
91 HIGHLAND 005 - BLUE	106.5163	3.384615	193.3083	0	0	0	0
91 HIGHLAND 007 - MILL	65.72283	3.384615	124.1782	2	0	0	0
91 HIGHLAND 008 - MCDI	74.78804	6.769231	295.7233	0	0	0	0
91 HIGHLAND 010 - HEAD	13.59783	0	99.85463	0	0	0	0
93 ISLE OF WI 101 - SMITI	892.0436	52.26374	1561.001	3.142857	0	0	0
93 ISLE OF WI 102 - CYPR	742.7316	21.62637	1278.225	12.57143	0	0	0
93 ISLE OF WI 201 - BART	911.1862	57.67033	1646.98	3.142857	0	0	0
93 ISLE OF WI 202 - CARR	1098.783	43.25275	1381.4	0	0	0	0
93 ISLE OF WI 301 - RUSH	1183.011	21.62637	991.6271	0	0	0	0
93 ISLE OF WI 302 - PONS	1202.153	25.23077	643.8889	0	0	0	0
93 ISLE OF WI 401 - COUF	248.8534	14.41758	575.1055	0	0	0	0
93 ISLE OF WI 402 - WINC	543.6489	28.83516	1159.764	0	0	0	0
93 ISLE OF WI 403 - LONG	761.8741	16.21978	890.3627	0	0	0	0
93 ISLE OF WI 501 - WALI	363.7088	18.02198	1006.912	3.142857	0	0	0
93 ISLE OF WI 502 - CAMI	398.1654	9.010989	288.5081	0	0	0	0
93 ISLE OF WI 503 - CARR	474.7356	3.604396	630.5144	0	0	0	0
93 ISLE OF WI 504 - ZUNI	444.1075	12.61538	1068.053	0	0	0	0
93 ISLE OF WI 505 - RAYN	133.998	3.604396	584.6588	0	0	0	0
95 JAMES CITY 101 - BERK	1336.749	39.22535	1420.752	20	0	0	0
95 JAMES CITY 102 - BERK	1383.38	52.30047	1254.434	20	0	0	0
95 JAMES CITY 103 - BERK	1173.542	31.38028	1629.355	12	0	0	0
95 JAMES CITY 104 - BERKE	436.2822	16.47692	468.6363	5.222222	0	0	0
95 JAMES CITY 201 - JAME	595.4663	28.24615	422.7915	15.66667	0	0	0
95 JAMES CITY 202 - JAME	1871.127	39.22535	890.2449	12	0	0	0
95 JAMES CITY 203 - JAME	1134.683	52.30047	978.1765	12	0	0	0
95 JAMES CITY 204 - JAME	862.6697	36.61033	966.9007	4	0	0	0
95 JAMES CITY 301 - POW	1220.172	20.92019	1195.236	20	0	0	0
95 JAMES CITY 302 - POW	1064.736	20.92019	490.4977	8	0	0	0
95 JAMES CITY 303 - POW	924.8441	15.69014	1271.348	8	0	0	0

95 JAMES CITY 304 - POW	2339.311	62.76056	1262.891	16	0	0	0
95 JAMES CITY 401 - STON	2626.868	70.60563	2844.323	20	0	0	0
95 JAMES CITY 402 - STON	2238.278	75.83568	2238.248	8	0	0	0
95 JAMES CITY 403 - STON	1616.534	39.22535	2179.05	16	0	0	0
95 JAMES CITY 501 - ROBE	2034.018	16.47692	700.4075	0	0	0	0
95 JAMES CITY 502 - ROBE	595.4663	28.24615	1388.08	5.222222	0	0	0
95 JAMES CITY 503 - ROBE	866.6687	9.415385	229.2243	0	0	0	0
95 JAMES CITY 504 - ROBE	1232.202	54.13846	1322.404	20.88889	0	0	0
97 KING & QU 101 - OWEI	613.777	10.18182	414.6154	5.5	0	0	0
97 KING & QU 201 - CLAR	306.8885	16	604.6474	0	0	0	0
97 KING & QU 301 - SHAC	322.7621	13.09091	494.7115	1.833333	0	0	0
97 KING & QU 401 - COUF	227.5208	10.18182	406.7628	0	0	0	0
97 KING & QU 501 - OLDN	119.0516	14.54545	529.2628	3.666667	0	0	0
99 KING GEOR 101 - COUF	959.2899	62.28099	1717.258	15.75	0	0	0
99 KING GEOR 102 - PASS	783.4201	41.52066	1215.85	7.875	0	0	0
99 KING GEOR 201 - MON	911.3254	90.82645	1777.011	13.125	0	0	0
99 KING GEOR 301 - DAHL	1460.252	62.28099	1777.011	10.5	0	0	0
99 KING GEOR 401 - SHILC	1289.712	57.09091	1958.869	15.75	0	0	0
101 KING WILLI 101 - WEST	885.8092	44.54902	1411.22	7.5	0	0	0
101 KING WILLI 201 - SWEE	241.5843	9.745098	598.6019	1.875	0	0	0
101 KING WILLI 202 - COUF	347.1039	11.13725	646.8762	1.875	0	0	0
101 KING WILLI 301 - AYLE	499.8296	33.41176	1642.937	1.875	0	0	0
101 KING WILLI 401 - MAN	613.6797	23.66667	1562.48	0	0	0	0
101 KING WILLI 501 - MAN	671.9932	19.4902	1457.885	1.875	0	0	0
103 LANCASTER 101 - PREC	618.9222	15.21429	825.8473	0	0	0	0
103 LANCASTER 201 - PREC	717.646	11.83333	423.0398	2.666667	0	0	0
103 LANCASTER 301 - PREC	360.7215	6.761905	739.4	0	0	0	0
103 LANCASTER 302 - PREC	155.6798	5.071429	340.2711	5.333333	0	0	0
103 LANCASTER 401 - PREC	911.2965	16.90476	426.7184	0	0	0	0
103 LANCASTER 501 - PREC	603.7339	15.21429	941.7234	8	0	0	0
105 LEE COUNT 101 - ELYD	96.6616	2.6	472.2836	1.153846	0	0	0
105 LEE COUNT 102 - EWIN	69.92541	11.7	454.59	2.307692	0	0	0
105 LEE COUNT 103 - ROSE	176.8702	15.6	826.156	0	0	0	0
105 LEE COUNT 201 - BLAC	45.24586	1.3	201.4351	3.461538	0	0	0
105 LEE COUNT 202 - FLAT	104.8881	2.6	642.4146	0	0	0	0
105 LEE COUNT 203 - JONE	133.6809	5.2	809.8235	1.153846	0	0	0
105 LEE COUNT 301 - BEN F	123.3978	9.1	935.0399	0	0	0	0
105 LEE COUNT 302 - WOO	115.1713	2.6	728.1606	1.153846	0	0	0
105 LEE COUNT 401 - STICK	113.1146	3.9	423.2859	0	0	0	0
105 LEE COUNT 402 - JASPE	43.18923	3.9	326.6515	1.153846	0	0	0
105 LEE COUNT 403 - SEMI	61.6989	2.6	454.59	0	0	0	0
105 LEE COUNT 404 - DRYD	102.8315	6.5	751.2984	2.307692	0	0	0
105 LEE COUNT 501 - SAINT	100.7749	2.6	299.4305	0	0	0	0
105 LEE COUNT 502 - PENN	127.511	5.2	732.2437	0	0	0	0
105 LEE COUNT 503 - ROBB	24.67956	2.6	122.4943	1.153846	0	0	0
105 LEE COUNT 504 - KEOK	49.35912	0	185.1025	1.153846	0	0	0
107 LOUDOUN 107 - LITTL	1277.265	30.89099	916.0973	15.3	0	0	0

107 LOUDOUN 108 - MERC	1500.665	21.38607	828.6417	12.75	0	0	0
107 LOUDOUN 112 - FREEI	854.7477	16.63361	481.0057	10.2	0	0	0
107 LOUDOUN 114 - DULL	908.1695	30.89099	526.9199	5.1	0	0	0
107 LOUDOUN 117 - CART	1107.287	14.25738	362.9407	7.65	0	0	0
107 LOUDOUN 118 - MOO	1631.791	14.25738	782.7275	10.2	0	0	0
107 LOUDOUN 119 - ARCC	1452.1	23.7623	590.3252	5.1	0	0	0
107 LOUDOUN 120 - LUNS	1617.222	28.51476	826.4553	10.2	0	0	0
107 LOUDOUN 121 - TOWI	1189.848	42.77214	625.3074	12.75	0	0	0
107 LOUDOUN 122 - HUTC	1461.813	21.38607	898.6062	5.1	0	0	0
107 LOUDOUN 123 - CARD	893.5999	19.00984	498.4968	15.3	0	0	0
107 LOUDOUN 124 - LIBER	1053.865	9.504921	472.2602	10.2	0	0	0
107 LOUDOUN 125 - ROCK	1772.63	14.25738	712.763	12.75	0	0	0
107 LOUDOUN 126-GOSHE	1602.652	52.27706	811.1506	7.65	0	0	0
107 LOUDOUN 207 - RIVEF	971.3042	28.51476	627.4938	12.75	0	0	0
107 LOUDOUN 208 - ALGO	1296.691	33.26722	671.2216	15.3	0	0	0
107 LOUDOUN 209 - POTC	1286.978	45.14837	756.4908	20.4	0	0	0
107 LOUDOUN 210 - CASC	2132.013	61.78198	913.9109	20.4	0	0	0
107 LOUDOUN 213 - COUN	733.3347	21.38607	343.2632	5.1	0	0	0
107 LOUDOUN 214 - SUGA	1549.23	45.14837	920.47	17.85	0	0	0
107 LOUDOUN 215 - SUGA	2365.126	33.26722	1060.399	15.3	0	0	0
107 LOUDOUN 216 - LOWI	1597.795	42.77214	907.3517	15.3	0	0	0
107 LOUDOUN 217 - SOUT	1340.4	33.26722	808.9642	20.4	0	0	0
107 LOUDOUN 218 - UNIV	1753.204	47.5246	684.34	7.65	0	0	0
107 LOUDOUN 219 - GALIL	1592.939	83.16805	773.9819	7.65	0	0	0
107 LOUDOUN 301 - PURC	951.8781	49.90083	1211.26	20.4	0	0	0
107 LOUDOUN 302 - ROUN	1685.213	45.14837	1679.147	7.65	0	0	0
107 LOUDOUN 303 - HILLS	1092.717	42.77214	1443.017	12.75	0	0	0
107 LOUDOUN 305 - PHILC	840.1782	19.00984	843.9464	10.2	0	0	0
107 LOUDOUN 307 - MIDC	1369.539	16.63361	712.763	10.2	0	0	0
107 LOUDOUN 308 - ST LO	1092.717	23.7623	738.9997	5.1	0	0	0
107 LOUDOUN 309 - ALDIE	830.4651	7.12869	568.4613	10.2	0	0	0
107 LOUDOUN 310 - MOU	1466.669	59.40575	1604.81	25.5	0	0	0
107 LOUDOUN 311 - ROUN	1602.652	40.39591	1770.976	30.6	0	0	0
107 LOUDOUN 312 - BRIAF	1748.348	7.12869	813.337	12.75	0	0	0
107 LOUDOUN 313 - PINEF	1709.495	33.26722	902.9789	15.3	0	0	0
107 LOUDOUN 314 - LEGA	1660.93	26.13853	843.9464	12.75	0	0	0
107 LOUDOUN 315 - FIREF	524.5043	11.88115	629.6802	5.1	0	0	0
107 LOUDOUN 316 - CREIC	2093.161	30.89099	972.9434	28.05	0	0	0
107 LOUDOUN 318 - MADI	1184.991	45.14837	1287.784	15.3	0	0	0
107 LOUDOUN 319 - JOHN	1777.487	26.13853	1128.177	5.1	0	0	0
107 LOUDOUN 320 - STON	2433.117	33.26722	826.4553	17.85	0	0	0
107 LOUDOUN 321 - BRAN	1209.274	26.13853	509.4288	7.65	0	0	0
107 LOUDOUN 322-BUFFA	1340.4	26.13853	649.3577	7.65	0	0	0
107 LOUDOUN 401 - WEST	2054.308	78.41559	2380.978	25.5	0	0	0
107 LOUDOUN 402 - WATI	1452.1	71.2869	1633.233	33.15	0	0	0
107 LOUDOUN 403 - LUCK	1714.352	26.13853	1427.712	25.5	0	0	0
107 LOUDOUN 407 - HARP	869.3173	11.88115	553.1566	10.2	0	0	0

107 LOUDOUN 408 - EVER	1452.1	28.51476	1176.278	7.65	0	0	0
107 LOUDOUN 409 - CLAR	981.0173	30.89099	1213.446	15.3	0	0	0
107 LOUDOUN 411 - EAST	1097.574	40.39591	1534.846	15.3	0	0	0
107 LOUDOUN 413 - TUSC	135.9826	2.37623	61.21891	2.55	0	0	0
107 LOUDOUN 414 - RED F	1320.974	21.38607	629.6802	5.1	0	0	0
107 LOUDOUN 416 - HAMI	1549.23	52.27706	1781.908	30.6	0	0	0
107 LOUDOUN 420 - RIVEF	845.0347	9.504921	852.692	15.3	0	0	0
107 LOUDOUN 421 - BETM	252.5391	19.00984	288.6034	2.55	0	0	0
107 LOUDOUN 422 - SYCO	879.0303	28.51476	907.3517	12.75	0	0	0
107 LOUDOUN 501 - WEST	1175.278	28.51476	745.5589	38.25	0	0	0
107 LOUDOUN 502 - EAST	2034.882	59.40575	752.118	17.85	0	0	0
107 LOUDOUN 503 - DRY M	670.1999	9.504921	540.0382	7.65	0	0	0
107 LOUDOUN 504 - SMAF	1379.252	47.5246	857.0647	20.4	0	0	0
107 LOUDOUN 505 - COOL	1408.391	33.26722	911.7245	7.65	0	0	0
107 LOUDOUN 506 - BRAN	1180.135	40.39591	487.5649	17.85	0	0	0
107 LOUDOUN 507 - GREE	592.4956	11.88115	456.9554	30.6	0	0	0
107 LOUDOUN 508 - BALLS	1986.317	64.15821	1106.313	15.3	0	0	0
107 LOUDOUN 509 - TOLB	2462.256	49.90083	988.2481	25.5	0	0	0
107 LOUDOUN 510 - HERIT	641.0608	4.75246	540.0382	15.3	0	0	0
107 LOUDOUN 615 - HILLS	1860.048	42.77214	913.9109	33.15	0	0	0
107 LOUDOUN 616 - EAGL	1588.082	49.90083	924.8428	12.75	0	0	0
107 LOUDOUN 617 - OAK C	1476.382	14.25738	356.3815	5.1	0	0	0
107 LOUDOUN 619 - RIDGI	806.1825	9.504921	325.7721	0	0	0	0
107 LOUDOUN 620 - RUSS	1952.321	49.90083	990.4345	12.75	0	0	0
107 LOUDOUN 621 - DOM	2195.148	26.13853	1136.923	17.85	0	0	0
107 LOUDOUN 622 - FARM	2083.448	23.7623	907.3517	12.75	0	0	0
107 LOUDOUN 623 - WELL	1753.204	38.01968	920.47	7.65	0	0	0
107 LOUDOUN 625 - MILL	675.0564	14.25738	450.3963	5.1	0	0	0
107 LOUDOUN 626 - ASHB	917.8825	7.12869	616.5619	7.65	0	0	0
107 LOUDOUN 627 - ASHB	820.7521	11.88115	277.6715	5.1	0	0	0
107 LOUDOUN 628 - MOO	2428.261	61.78198	1056.026	10.2	0	0	0
107 LOUDOUN 629 - DISC	592.4956	4.75246	260.1804	0	0	0	0
107 LOUDOUN 701 - SULLY	1724.065	42.77214	780.5411	10.2	0	0	0
107 LOUDOUN 702 - PARK	1855.191	26.13853	754.3044	7.65	0	0	0
107 LOUDOUN 703 - ROLL	2607.952	47.5246	690.8991	22.95	0	0	0
107 LOUDOUN 705 - FORE	2442.83	57.02952	970.757	17.85	0	0	0
107 LOUDOUN 707 - CLAU	1427.817	26.13853	474.4466	10.2	0	0	0
107 LOUDOUN 708 - SENE	1126.713	35.64345	712.763	17.85	0	0	0
107 LOUDOUN 709 - MIRR	1918.326	38.01968	699.6447	25.5	0	0	0
107 LOUDOUN 710 - STER	1617.222	26.13853	662.4761	15.3	0	0	0
107 LOUDOUN 808 - STON	1903.756	59.40575	1040.721	28.05	0	0	0
107 LOUDOUN 810 - CEDA	1792.056	42.77214	905.1653	15.3	0	0	0
107 LOUDOUN 813 - SELDI	1694.926	33.26722	686.5264	20.4	0	0	0
107 LOUDOUN 814 - NEW	1184.991	26.13853	1180.65	25.5	0	0	0
107 LOUDOUN 815 - BELM	1087.861	19.00984	631.8666	20.4	0	0	0
107 LOUDOUN 817 - SAND	1942.608	57.02952	1117.245	17.85	0	0	0
107 LOUDOUN 818 - BROA	1340.4	14.25738	738.9997	0	0	0	0

107 LOUDOUN 819 - HERIT	1345.256	23.7623	795.8458	10.2	0	0	0
107 LOUDOUN 820 - BELM	1369.539	26.13853	721.5086	15.3	0	0	0
107 LOUDOUN 822 - RIVEF	1150.996	28.51476	620.9347	10.2	0	0	0
109 LOUISA CO 101 - ZION	921.7902	25.14205	1309.334	4.296296	0	0	0
109 LOUISA CO 102 - MECH	577.0871	28.49432	787.6068	0	0	0	0
109 LOUISA CO 201 - LOUIS	499.6258	10.05682	668.8805	2.148148	0	0	0
109 LOUISA CO 202 - LOUIS	503.4988	18.4375	837.7728	2.148148	0	0	0
109 LOUISA CO 301 - PATR	1247.128	38.55114	1008.337	8.592593	0	0	0
109 LOUISA CO 302 - PATR	387.3068	16.76136	389.6229	0	0	0	0
109 LOUISA CO 401 - MINE	573.2141	20.11364	1322.711	2.148148	0	0	0
109 LOUISA CO 402 - YANC	333.0838	15.08523	376.2453	8.592593	0	0	0
109 LOUISA CO 501 - FRED	488.0066	10.05682	354.5067	4.296296	0	0	0
109 LOUISA CO 502 - CUCK	379.5607	16.76136	750.8184	2.148148	0	0	0
109 LOUISA CO 503 - ELK C	294.3532	8.380682	714.0299	4.296296	0	0	0
109 LOUISA CO 601 - BUMI	398.926	26.81818	1155.491	6.444444	0	0	0
109 LOUISA CO 602 - LOCU	584.8333	23.46591	1401.305	2.148148	0	0	0
109 LOUISA CO 701 - SHEL	619.6909	18.4375	1376.222	8.592593	0	0	0
109 LOUISA CO 702 - SOUT	460.8951	18.4375	841.1172	2.148148	0	0	0
111 LUNENBUR 101 - PLYM	164.562	4.444444	436.2462	3.5	0	0	0
111 LUNENBUR 201 - BROV	214.9923	2.222222	407.055	0	0	0	0
111 LUNENBUR 301 - ROSE	124.7486	4.444444	387.5942	0	0	0	0
111 LUNENBUR 302 - FLAT	214.9923	4.444444	436.2462	0	0	0	0
111 LUNENBUR 401 - ARRC	66.35565	0	293.5337	0	0	0	0
111 LUNENBUR 402 - PLEA	175.1789	6.666667	431.381	3.5	0	0	0
111 LUNENBUR 501 - REED	175.1789	6.666667	180.0124	0	0	0	0
111 LUNENBUR 502 - PEOP	326.4698	2.222222	147.5777	0	0	0	0
111 LUNENBUR 601 - HOU	528.191	4.444444	317.8597	0	0	0	0
111 LUNENBUR 701 - MEHI	241.5346	2.222222	240.0165	0	0	0	0
111 LUNENBUR 702 - VICT	185.7958	2.222222	259.4773	0	0	0	0
113 MADISON (001 - OAK I	443.3171	21.50725	557.5705	1.705882	0	0	0
113 MADISON (002 - RAD	484.878	10.75362	791.6885	1.705882	0	0	0
113 MADISON (003 - ROCH	290.9268	15.36232	542.168	1.705882	0	0	0
113 MADISON (004 - GRAV	45.02439	0	66.23075	0	0	0	0
113 MADISON (005 - MAD	394.8293	15.36232	804.0105	6.823529	0	0	0
113 MADISON (006 - WOL	360.1951	10.75362	572.973	0	0	0	0
113 MADISON (007 - BRIG	342.878	27.65217	1127.463	10.23529	0	0	0
113 MADISON (008 - CRIG	214.7317	1.536232	497.5007	3.411765	0	0	0
113 MADISON (009 - ETLA	121.2195	3.072464	340.3952	3.411765	0	0	0
115 MATHEWS 001 - CHES	452.7672	25.58824	971.4315	3.2	0	0	0
115 MATHEWS 002 - WEST	633.874	28.14706	1341.064	9.6	0	0	0
115 MATHEWS 003 - PIAN	738.3588	33.26471	1588.504	3.2	0	0	0
117 MECKLENB 101 - WRIG	361.3363	4.708333	335.7639	1.923077	0	0	0
117 MECKLENB 102 - PEAR	96.18303	1.569444	198.57	0	0	0	0
117 MECKLENB 103 - SOUT	517.3088	7.847222	474.7629	1.923077	0	0	0
117 MECKLENB 201 - BOYD	200.1647	4.708333	227.453	1.923077	0	0	0
117 MECKLENB 202 - BLUE	187.167	0	75.81765	0	0	0	0
117 MECKLENB 203 - CHAS	501.7115	1.569444	77.62283	0	0	0	0

117 MECKLENB 301 - BRAC	332.7413	9.416667	1061.447	3.846154	0	0	0
117 MECKLENB 302 - LACR	374.334	3.138889	546.9702	0	0	0	0
117 MECKLENB 401 - AMEF	977.4276	10.98611	435.0489	0	0	0	0
117 MECKLENB 402 - PARK	168.9702	0	106.5057	0	0	0	0
117 MECKLENB 501 - SOUT	842.2514	9.416667	774.4231	3.846154	0	0	0
117 MECKLENB 601 - BASK	163.7711	0	400.7504	3.846154	0	0	0
117 MECKLENB 602 - UNIO	90.98395	3.138889	386.309	0	0	0	0
117 MECKLENB 603 - SMIT	122.1784	1.569444	247.31	0	0	0	0
117 MECKLENB 604 - LAKE	114.3798	3.138889	379.0883	1.923077	0	0	0
117 MECKLENB 701 - CHAS	402.9289	4.708333	492.8147	0	0	0	0
117 MECKLENB 702 - SUNS	231.3592	1.569444	471.1525	0	0	0	0
117 MECKLENB 801 - FINCH	93.58349	1.569444	142.6094	0	0	0	0
117 MECKLENB 802 - BLUE	213.1624	10.98611	543.3598	0	0	0	0
117 MECKLENB 803 - CHAS	278.1509	3.138889	404.3608	0	0	0	0
117 MECKLENB 901 - AVER	25.99541	1.569444	283.4136	0	0	0	0
117 MECKLENB 902 - BUFF	148.1739	7.847222	350.2053	1.923077	0	0	0
117 MECKLENB 903 - CLAR	358.7367	20.40278	850.2408	3.846154	0	0	0
119 MIDDLESEY 101 - SALU	146.7399	1.571429	211.4651	2.1	0	0	0
119 MIDDLESEY 102 - URBA	386.5345	4.714286	464.5571	2.1	0	0	0
119 MIDDLESEY 201 - NEW	458.1149	22	1212.178	4.2	0	0	0
119 MIDDLESEY 302 - CHUF	583.3807	20.42857	724.3095	8.4	0	0	0
119 MIDDLESEY 401 - HARM	465.273	14.14286	626.0698	4.2	0	0	0
119 MIDDLESEY 501 - WILT	450.9569	14.14286	957.4206	0	0	0	0
121 MONTGOM 101 - PREC	1077.587	32.4129	926.6244	7.223301	0	0	0
121 MONTGOM 102 - PREC	1421.816	34.43871	358.3938	16.85437	0	0	0
121 MONTGOM 103 - PREC	1431.793	58.74839	594.2281	19.26214	0	0	0
121 MONTGOM 201 - PREC	184.5866	2.025806	209.8368	0	0	0	0
121 MONTGOM 202 - PREC	1162.397	56.72258	1231.166	21.6699	0	0	0
121 MONTGOM 203 - PREC	708.4134	28.36129	807.7788	9.631068	0	0	0
121 MONTGOM 204 - PREC	1137.453	70.90323	1173.601	24.07767	0	0	0
121 MONTGOM 301 - PREC	758.3017	32.4129	1795.683	2.407767	0	0	0
121 MONTGOM 302 - PREC	753.3128	38.49032	1223.739	2.407767	0	0	0
121 MONTGOM 303 - PREC	483.9162	24.30968	785.4953	9.631068	0	0	0
121 MONTGOM 304 - PREC	932.9106	52.67097	1156.888	21.6699	0	0	0
121 MONTGOM 401 - PREC	483.9162	30.3871	662.9357	9.631068	0	0	0
121 MONTGOM 402 - PREC	628.5922	28.36129	1635.984	0	0	0	0
121 MONTGOM 403 - PREC	538.7933	30.3871	1522.71	9.631068	0	0	0
121 MONTGOM 404 - PREC	399.1061	24.30968	956.3359	2.407767	0	0	0
121 MONTGOM 405 - PREC	808.1899	52.67097	1071.468	4.815534	0	0	0
121 MONTGOM 501 - PREC	1272.151	48.61935	1047.327	7.223301	0	0	0
121 MONTGOM 502 - PREC	962.8436	34.43871	1103.036	7.223301	0	0	0
121 MONTGOM 503 - PREC	962.8436	22.28387	180.1254	4.815534	0	0	0
121 MONTGOM 601 - PREC	1416.827	38.49032	525.5205	14.4466	0	0	0
121 MONTGOM 602 - PREC	1820.922	50.64516	497.666	9.631068	0	0	0
121 MONTGOM 603 - PREC	384.1397	22.28387	154.1279	2.407767	0	0	0
121 MONTGOM 701 - PREC	1805.955	70.90323	640.6522	28.8932	0	0	0
121 MONTGOM 702 - PREC	1681.235	56.72258	367.6786	12.03883	0	0	0

125 NELSON CC 101 - ROCK	1166.004	37.05882	1008.187	10.875	0	0	0
125 NELSON CC 201 - LOVIN	457.1047	14.11765	547.3852	3.625	0	0	0
125 NELSON CC 202 - SCHU	352.513	17.64706	396.2306	5.4375	0	0	0
125 NELSON CC 301 - SHIP	550.0752	17.64706	717.6176	7.25	0	0	0
125 NELSON CC 302 - GLAD	185.9409	3.529412	202.5178	0	0	0	0
125 NELSON CC 401 - ROSE	460.9785	28.23529	927.473	0	0	0	0
125 NELSON CC 402 - MON	120.0868	0	120.3367	0	0	0	0
125 NELSON CC 501 - FABE	317.6491	10.58824	306.7118	0	0	0	0
125 NELSON CC 502 - NELL	716.6473	21.17647	585.5407	1.8125	0	0	0
127 NEW KENT 102 - TUNS	248.4066	5.058824	632.2574	0	0	0	0
127 NEW KENT 103 - SOUT	512.7367	15.17647	1567.532	6.130435	0	0	0
127 NEW KENT 201 - QUIN	652.8635	25.29412	1091.154	8.173913	0	0	0
127 NEW KENT 202 - KENT	394.9028	11.80392	951.2998	2.043478	0	0	0
127 NEW KENT 301 - WAT	659.2329	20.23529	729.864	2.043478	0	0	0
127 NEW KENT 302 - CUMI	433.1192	18.54902	987.7202	4.086957	0	0	0
127 NEW KENT 401 - PROV	515.9214	23.60784	1073.672	10.21739	0	0	0
127 NEW KENT 403 - MOU	305.7312	21.92157	579.8121	8.173913	0	0	0
127 NEW KENT 501 - ELTH	468.1509	11.80392	769.198	2.043478	0	0	0
127 NEW KENT 502 - CHIC	429.9345	18.54902	1248.49	4.086957	0	0	0
131 NORTHAM 101 - PREC	689.7452	21.66667	858.6226	3.333333	0	0	0
131 NORTHAM 201 - PREC	916.75	33.33333	388.0528	3.333333	0	0	0
131 NORTHAM 301 - PREC	842.5369	13.33333	410.3547	0	0	0	0
131 NORTHAM 401 - PREC	462.7405	13.33333	568.6981	0	0	0	0
131 NORTHAM 501 - PREC	755.2274	18.33333	729.2717	3.333333	0	0	0
133 NORTHUM 101 - 1A	542.7012	9.655172	794.2188	2.75	0	0	0
133 NORTHUM 201 - 2A	567.9431	9.655172	871.4063	5.5	0	0	0
133 NORTHUM 301 - 3A	883.467	7.724138	310.7813	0	0	0	0
133 NORTHUM 401 - 4A	622.6339	11.58621	1202.5	8.25	0	0	0
133 NORTHUM 501 - 5A	635.2549	17.37931	1306.094	5.5	0	0	0
135 NOTTOWA 101 - PREC	251.9269	5.142857	557.4041	0	0	0	0
135 NOTTOWA 102 - PREC	243.2398	10.28571	424.4094	0	0	0	0
135 NOTTOWA 201 - PREC	550.1852	8.571429	674.7523	2	0	0	0
135 NOTTOWA 202 - PREC	101.3499	8.571429	348.1331	0	0	0	0
135 NOTTOWA 301 - PREC	367.7554	10.28571	279.6799	0	0	0	0
135 NOTTOWA 302 - PREC	127.4113	6.857143	357.9121	0	0	0	0
135 NOTTOWA 401 - PREC	608.0994	1.714286	158.4201	0	0	0	0
135 NOTTOWA 402 - PREC	234.5526	5.142857	688.4429	0	0	0	0
135 NOTTOWA 501 - PREC	486.4795	15.42857	537.846	6	0	0	0
137 ORANGE C\101 - ONE	739.8553	17.48214	1259.526	11.37931	0	0	0
137 ORANGE C\102 - ONE	906.0783	28.60714	1108.566	4.551724	0	0	0
137 ORANGE C\201 - TWO	537.7803	12.71429	1354.067	0	0	0	0
137 ORANGE C\202 - TWO	567.1137	38.14286	1450.132	6.827586	0	0	0
137 ORANGE C\301 - THRE	971.2638	28.60714	977.4286	2.275862	0	0	0
137 ORANGE C\302 - THRE	215.1121	3.178571	551.9956	2.275862	0	0	0
137 ORANGE C\401 - FOUR	544.2988	31.78571	1584.319	2.275862	0	0	0
137 ORANGE C\402 - FOUR	1183.117	55.625	1290.023	9.103448	0	0	0
137 ORANGE C\501 - FIVE	1137.487	23.83929	1404.387	11.37931	0	0	0

137	ORANGE C	502 - FIVE I	1192.894	27.01786	1445.557	15.93103	0	0	0
139	PAGE COUI	101 - WEST	620.8932	30.92308	1462.658	4.666667	0	0	0
139	PAGE COUI	201 - EAST	671.431	22.08791	1630.026	9.333333	0	0	0
139	PAGE COUI	301 - MARI	559.5258	23.56044	2204.902	6.222222	0	0	0
139	PAGE COUI	401 - NEWI	490.9388	22.08791	1667.866	3.111111	0	0	0
139	PAGE COUI	501 - SHEN	664.2113	35.34066	2379.548	4.666667	0	0	0
141	PATRICK C	101 - ARAR	197.2165	6.352941	566.055	2.142857	0	0	0
141	PATRICK C	102 - CLAU	121.9628	3.176471	496.2267	0	0	0	0
141	PATRICK C	103 - WILLI	163.4821	6.352941	659.6546	0	0	0	0
141	PATRICK C	201 - DRY F	75.25365	4.764706	298.6274	2.142857	0	0	0
141	PATRICK C	202 - PATR	184.2417	4.764706	662.626	2.142857	0	0	0
141	PATRICK C	203 - RUSS	160.8871	7.941176	517.0266	0	0	0	0
141	PATRICK C	301 - CRITZ	288.0398	15.88235	842.3968	0	0	0	0
141	PATRICK C	302 - LIBER	93.41833	4.764706	612.1119	2.142857	0	0	0
141	PATRICK C	401 - MEAI	192.0266	1.588235	646.2832	0	0	0	0
141	PATRICK C	402 - STUA	98.60823	6.352941	555.655	2.142857	0	0	0
141	PATRICK C	501 - STUA	90.82337	3.176471	295.656	4.285714	0	0	0
141	PATRICK C	502 - ELAM	147.9124	7.941176	598.7406	0	0	0	0
141	PATRICK C	503 - WOO	140.1275	7.941176	733.9401	0	0	0	0
143	PITTSYLVAI	103 - TWIN	364.0288	20.9	1420.665	5.560976	0	0	0
143	PITTSYLVAI	105 - CHAT	172.2885	7.6	472.9008	1.853659	0	0	0
143	PITTSYLVAI	106 - TUNS	222.3077	7.6	947.7638	3.707317	0	0	0
143	PITTSYLVAI	108 - WEST	163.9519	1.9	419.9202	1.853659	0	0	0
143	PITTSYLVAI	201 - CALL	255.6538	11.4	926.1791	0	0	0	0
143	PITTSYLVAI	202 - BEARS	88.92308	0	196.2244	0	0	0	0
143	PITTSYLVAI	204 - SAND	200.0769	5.7	682.8609	1.853659	0	0	0
143	PITTSYLVAI	206 - CLIM	141.7212	5.7	478.7875	0	0	0	0
143	PITTSYLVAI	207 - GRET	444.6154	13.3	1138.101	1.853659	0	0	0
143	PITTSYLVAI	301 - CENT	391.8173	0	211.9223	3.707317	0	0	0
143	PITTSYLVAI	305 - RICEV	536.3173	0	323.7702	1.853659	0	0	0
143	PITTSYLVAI	307 - EAST	867	11.4	245.2805	0	0	0	0
143	PITTSYLVAI	308 - MT A	352.9135	3.8	239.3938	0	0	0	0
143	PITTSYLVAI	309 - EAST	247.3173	1.9	298.2611	0	0	0	0
143	PITTSYLVAI	402 - KEELI	205.6346	3.8	988.9709	1.853659	0	0	0
143	PITTSYLVAI	404 - KENT	519.6442	9.5	1481.494	7.414634	0	0	0
143	PITTSYLVAI	405 - RINGI	664.1442	15.2	1646.323	5.560976	0	0	0
143	PITTSYLVAI	501 - HURT	605.7885	30.4	1401.042	11.12195	0	0	0
143	PITTSYLVAI	502 - MOTI	411.2692	36.1	1346.099	0	0	0	0
143	PITTSYLVAI	503 - RENA	289	11.4	910.4812	0	0	0	0
143	PITTSYLVAI	603 - STON	322.3462	11.4	1273.496	1.853659	0	0	0
143	PITTSYLVAI	604 - SWAI	397.375	7.6	861.4251	1.853659	0	0	0
143	PITTSYLVAI	605 - WHIT	319.5673	7.6	902.6322	3.707317	0	0	0
143	PITTSYLVAI	606 - BROS	694.7115	9.5	767.2374	7.414634	0	0	0
143	PITTSYLVAI	607 - DRY F	102.8173	1.9	408.1467	0	0	0	0
143	PITTSYLVAI	702 - BACH	222.3077	26.6	1340.213	5.560976	0	0	0
143	PITTSYLVAI	703 - FERR'	183.4038	3.8	310.0345	0	0	0	0
143	PITTSYLVAI	704 - MT H	500.1923	13.3	1183.233	5.560976	0	0	0

143	PITTSYLVIA	705 - MT C	227.8654	5.7	928.1414	1.853659	0	0	0
145	POWHATA	101 - SUBL	494.3979	35.29319	1352.85	10.27778	0	0	0
145	POWHATA	102 - MAN	476.9895	18.48691	1015.53	6.166667	0	0	0
145	POWHATA	103 - FLAT	295.9424	21.84817	885.2419	0	0	0	0
145	POWHATA	201 - POW	417.801	35.29319	1352.85	4.111111	0	0	0
145	POWHATA	202 - GRAC	557.0681	42.01571	1790.116	2.055556	0	0	0
145	POWHATA	301 - BETH	473.5079	38.65445	1249.333	1.027778	0	0	0
145	POWHATA	302 - LEE'S	483.9529	20.16754	1140.463	3.083333	0	0	0
145	POWHATA	401 - POW	396.911	28.57068	1725.865	4.111111	0	0	0
145	POWHATA	402 - MT ZI	327.2775	16.80628	915.5829	2.055556	0	0	0
145	POWHATA	501 - SMIT	640.6283	23.5288	1085.135	1.027778	0	0	0
145	POWHATA	502 - PINE	476.9895	18.48691	731.7524	1.027778	0	0	0
145	POWHATA	503 - TOBA	278.534	21.84817	810.2819	2.055556	0	0	0
147	PRINCE ED	101 - FARM	453.5208	19.90244	392.629	1.52381	0	0	0
147	PRINCE ED	201 - LOCK	760.2372	18.2439	726.0252	1.52381	0	0	0
147	PRINCE ED	301 - LEIGH	526.923	9.95122	487.4015	1.52381	0	0	0
147	PRINCE ED	302 - MT P	422.0627	6.634146	262.3168	15.2381	0	0	0
147	PRINCE ED	401 - HAM	537.4091	19.90244	548.3267	1.52381	0	0	0
147	PRINCE ED	501 - DARL	351.282	8.292683	572.0198	1.52381	0	0	0
147	PRINCE ED	502 - BUFF	175.641	1.658537	214.9305	1.52381	0	0	0
147	PRINCE ED	601 - PROS	854.6115	28.19512	727.7176	0	0	0	0
147	PRINCE ED	701 - WEST	335.553	18.2439	380.7824	3.047619	0	0	0
147	PRINCE ED	801 - CENT	555.7596	4.97561	121.8504	4.571429	0	0	0
149	PRINCE GE	101 - RICH	500.2612	10.08621	810.5732	6.333333	0	0	0
149	PRINCE GE	102 - TEMF	780.5495	35.30172	2433.731	10.55556	0	0	0
149	PRINCE GE	103 - UNIO	872.7962	21.85345	1166.582	8.444444	0	0	0
149	PRINCE GE	104 - RIVES	713.1384	13.44828	599.3816	0	0	0	0
149	PRINCE GE	105 - HARR	230.6169	13.44828	637.5973	0	0	0	0
149	PRINCE GE	201 - BLAN	642.1793	25.21552	1166.582	2.111111	0	0	0
149	PRINCE GE	202 - BLAC	777.0015	30.25862	1263.126	8.444444	0	0	0
149	PRINCE GE	203 - BRAN	315.7677	10.08621	689.8923	0	0	0	0
149	PRINCE GE	204 - COUF	947.3032	13.44828	794.4824	2.111111	0	0	0
149	PRINCE GE	205 - JEFFE	1323.386	21.85345	541.0526	0	0	0	0
153	PRINCE WI	101 - BREN	1244.131	50.84014	2221.414	0	0	0	0
153	PRINCE WI	102 - CEDA	1635.802	62.94494	1374.126	0	0	0	0
153	PRINCE WI	103 - GLEN	1140.454	29.05151	964.0611	0	0	0	0
153	PRINCE WI	104 - NOKE	1111.654	53.2611	1683.712	0	0	0	0
153	PRINCE WI	105 - LIME	1653.082	45.99822	1224.765	0	0	0	0
153	PRINCE WI	106 - WEST	2396.105	19.36767	725.0826	0	0	0	0
153	PRINCE WI	107 - MAR	1653.082	43.57726	1232.912	0	0	0	0
153	PRINCE WI	108 - VICT	2459.463	50.84014	1417.577	0	0	0	0
153	PRINCE WI	109 - CHRIS	1975.634	50.84014	1078.119	0	0	0	0
153	PRINCE WI	110 - BUCK	1950.292	40.00399	861.1585	162.1	0	0	0
153	PRINCE WI	111 - BRIST	737.263	19.36767	494.251	0	0	0	0
153	PRINCE WI	112 - BURK	2212.346	50.67948	1234.022	123.8	0	0	0
153	PRINCE WI	114 - PINE	754.5426	16.94671	597.4463	76.6	0	0	0
153	PRINCE WI	201 - SAUN	1330.366	47.3544	801.5293	0	0	0	0

153 PRINCE WI 202 - MAR	956.1379	36.31439	1023.806	0	0	0	0
153 PRINCE WI 203 - BENN	1543.644	60.52398	1205.755	0	0	0	0
153 PRINCE WI 204 - ELLIS	2090.832	58.10302	958.6297	0	0	0	0
153 PRINCE WI 205 - BUCK	2012.847	78.57868	1483.59	0	0	0	0
153 PRINCE WI 206 - COLE	840.9406	55.68206	1021.09	0	0	0	0
153 PRINCE WI 207 - SPRIG	1998.674	29.05151	1061.825	0	0	0	0
153 PRINCE WI 208 - HYLTI	685.4242	9.683837	882.5911	0	0	0	0
153 PRINCE WI 209 - INDEI	616.3058	43.57726	1007.512	0	0	0	0
153 PRINCE WI 210 - PENN	709.3657	22.88241	940.6943	153.2	0	0	0
153 PRINCE WI 211 - SIGN	2137.192	3.274112	1455.385	0	0	0	0
153 PRINCE WI 212 - YORK	4888.342	81.85279	1559.744	0	0	0	0
153 PRINCE WI 213 - SARA	1676.121	31.47247	486.104	0	0	0	0
153 PRINCE WI 214 - LUCA	887.0195	55.68206	1167.736	0	0	0	0
153 PRINCE WI 215 - ROSA	1136.705	25.06998	837.3701	0	0	0	0
153 PRINCE WI 301 - DUM	1157.755	22.28442	560.4189	0	0	0	0
153 PRINCE WI 302 - POTC	1220.905	13.92777	325.8249	0	0	0	0
153 PRINCE WI 303 - GRAF	1174.595	33.42664	469.1879	0	0	0	0
153 PRINCE WI 304 - QUAI	558.7071	14.52575	347.6051	0	0	0	0
153 PRINCE WI 305 - PATT	1434.207	36.31439	972.2081	0	0	0	0
153 PRINCE WI 306 - WASI	1065.575	21.78863	594.7306	0	0	0	0
153 PRINCE WI 307 - HENC	1123.174	38.73535	811.9838	0	0	0	0
153 PRINCE WI 308 - MON	1088.615	16.94671	711.5042	0	0	0	0
153 PRINCE WI 309 - ASHL	921.5787	21.78863	746.8079	0	0	0	0
153 PRINCE WI 310 - FORE	1647.322	19.36767	638.1813	0	0	0	0
153 PRINCE WI 311 - SWAI	2382.87	25.06998	1068.706	0	0	0	0
153 PRINCE WI 312 - TRIA	1554.515	43.11047	752.6693	106.4176	0	0	0
153 PRINCE WI 313 - CARD	1583.963	19.36767	521.4077	0	0	0	0
153 PRINCE WI 314 - CABI	1140.454	19.36767	616.456	0	0	0	0
153 PRINCE WI 315 - WILLI	913.5739	13.92777	241.1104	0	0	0	0
153 PRINCE WI 401 - EVER	1220.143	55.6599	1438.462	0	0	0	0
153 PRINCE WI 402 - BATT	1049.167	49.11168	1173.333	0	0	0	0
153 PRINCE WI 403 - BULL	1328.945	29.46701	786.9231	0	0	0	0
153 PRINCE WI 404 - BEN I	1797.079	50.84014	654.4753	0	0	0	0
153 PRINCE WI 405 - UNIT	3127.608	33.89343	1050.962	0	0	0	0
153 PRINCE WI 406 - ALVE	233.1483	0	287.6923	0	0	0	0
153 PRINCE WI 407 - HERI	637.2719	19.64467	885.641	0	0	0	0
153 PRINCE WI 408 - SUDL	1854.677	29.05151	958.6297	0	0	0	0
153 PRINCE WI 409 - TYLEF	2370.341	62.20812	1133.846	0	0	0	0
153 PRINCE WI 410 - MOU	1336.717	45.83756	891.2821	0	0	0	0
153 PRINCE WI 411 - MULL	2960.572	24.20959	765.8175	0	0	0	0
153 PRINCE WI 412 - CATH	831.5621	29.46701	1074.615	0	0	0	0
153 PRINCE WI 413 - REAG	1461.062	58.93401	1303.077	0	0	0	0
153 PRINCE WI 501 - LAKE	1733.72	33.89343	779.3959	0	0	0	0
153 PRINCE WI 502 - OCCC	1229.325	19.49887	752.6556	0	0	0	0
153 PRINCE WI 503 - OLD I	1300.896	22.28442	661.4246	0	0	0	0
153 PRINCE WI 504 - ROCK	1111.445	36.21219	710.2984	0	0	0	0
153 PRINCE WI 505 - MOH	1664.602	41.15631	936.9044	0	0	0	0

153 PRINCE WI 506 - BETH	1730.317	44.56885	1098.03	0	0	0	0
153 PRINCE WI 507 - CHINI	1246.165	38.99774	814.5623	0	0	0	0
153 PRINCE WI 508 - SPRIN	1388.128	26.63055	475.2414	0	0	0	0
153 PRINCE WI 509 - MC C	714.2235	21.78863	814.6995	0	0	0	0
153 PRINCE WI 510 - YATE	1375.575	52.38579	1235.385	0	0	0	0
153 PRINCE WI 511 - WEST	1808.598	29.05151	787.5428	0	0	0	0
153 PRINCE WI 512 - YORK	1987.128	36.21219	625.5839	0	0	0	0
153 PRINCE WI 513 - LYNN	1275.635	50.13995	1071.964	0	0	0	0
153 PRINCE WI 514 - ANTI	1726.107	64.06772	1101.288	0	0	0	0
153 PRINCE WI 601 - DALE	1915.558	25.06998	677.7159	0	0	0	0
153 PRINCE WI 602 - BEVIL	1982.918	30.64108	840.6283	0	0	0	0
153 PRINCE WI 603 - HAMI	1528.237	8.356659	505.0286	0	0	0	0
153 PRINCE WI 604 - GIDE	1528.237	30.64108	697.2654	68.11765	0	0	0
153 PRINCE WI 605 - MINN	1465.086	44.56885	791.7546	113.5294	0	0	0
153 PRINCE WI 606 - BEL A	1654.537	27.85553	925.3428	113.5294	0	0	0
153 PRINCE WI 607 - KERR	1511.396	55.71106	808.0458	0	0	0	0
153 PRINCE WI 608 - ENTE	1511.396	55.71106	808.0458	0	0	0	0
153 PRINCE WI 609 - KING	1887.846	43.83966	778.7243	22.70588	0	0	0
153 PRINCE WI 610 - FITZG	1999.759	22.28442	765.6886	0	0	0	0
153 PRINCE WI 611 - NEAB	1406.146	16.71332	645.1334	0	0	0	0
153 PRINCE WI 701 - BELM	1629.277	33.42664	1205.552	0	0	0	0
153 PRINCE WI 702 - LIBRA	1587.177	41.7833	609.2926	0	0	0	0
153 PRINCE WI 703 - LYNN	1427.196	30.64108	394.2482	0	0	0	0
153 PRINCE WI 704 - PORT	1928.188	30.64108	625.5839	0	0	0	0
153 PRINCE WI 705 - POTC	1557.707	22.28442	752.6556	0	0	0	0
153 PRINCE WI 706 - RIPPC	1886.088	22.28442	961.1835	0	0	0	0
153 PRINCE WI 707 - KILBY	2012.389	33.42664	840.6283	0	0	0	0
153 PRINCE WI 708 - RIVEF	1738.737	25.06998	482.2209	0	0	0	0
153 PRINCE WI 709 - FREEI	1671.377	22.28442	469.1879	0	0	0	0
153 PRINCE WI 710 - POW	1726.107	19.49887	426.8307	0	0	0	0
153 PRINCE WI 711 - GRAY	2395.5	36.21219	866.6943	0	0	0	0
153 PRINCE WI 712 - LEESY	1010.404	25.06998	694.0071	0	0	0	0
155 PULASKI CC 101 - BELSF	317.0446	33.97059	707.9894	2.36	0	0	0
155 PULASKI CC 102 - NEW	839.4477	19.41176	1399.888	11.8	0	0	0
155 PULASKI CC 103 - WEST	317.0446	12.94118	915.3802	4.72	0	0	0
155 PULASKI CC 201 - DRAP	309.8391	29.11765	1072.711	0	0	0	0
155 PULASKI CC 202 - SOUT	72.0556	6.470588	184.1488	0	0	0	0
155 PULASKI CC 203 - NEWI	619.6781	37.20588	1387.373	14.16	0	0	0
155 PULASKI CC 301 - DUBL	486.3753	27.5	1289.041	2.36	0	0	0
155 PULASKI CC 302 - HIWA	187.3446	4.852941	497.0229	0	0	0	0
155 PULASKI CC 304 - SNOV	317.0446	9.705882	1072.711	4.72	0	0	0
155 PULASKI CC 401 - MASS	598.0614	33.97059	1392.737	9.44	0	0	0
155 PULASKI CC 402 - WALF	187.3446	8.088235	716.9286	7.08	0	0	0
155 PULASKI CC 501 - ROBI	673.7198	51.76471	1491.069	2.36	0	0	0
157 RAPPAHAN 101 - WASF	402.6798	3.2	485.4125	1.5	0	0	0
157 RAPPAHAN 201 - AMIS	423.33	20.8	690.2775	1.5	0	0	0
157 RAPPAHAN 301 - SPERI	450.8637	1.6	427.9981	4.5	0	0	0

157	RAPPAHAN	401 - SCRA	333.8456	11.2	512.8148	1.5	0	0	0
157	RAPPAHAN	501 - CHES	182.4105	14.4	403.2056	0	0	0	0
157	RAPPAHAN	502 - FLINT	302.8703	4.8	292.2914	6	0	0	0
159	RICHMOND	101 - PREC	499.6419	6.888889	297.2156	0	0	0	0
159	RICHMOND	201 - PREC	316.6744	10.333333	478.3006	1.833333	0	0	0
159	RICHMOND	301 - PREC	158.3372	3.444444	350.3601	1.833333	0	0	0
159	RICHMOND	401 - PREC	274.4512	3.444444	722.3717	7.333333	0	0	0
159	RICHMOND	501 - PREC	263.8953	6.888889	698.7519	0	0	0	0
161	ROANOKE	101 - CATA	279.0535	16.94215	693.4635	0	0	0	0
161	ROANOKE	102 - MASC	229.8088	11.8595	631.0885	2.192308	0	0	0
161	ROANOKE	103 - GLEN	755.0859	22.02479	1555.707	10.96154	0	0	0
161	ROANOKE	104 - NORF	574.5219	22.02479	660.4414	2.192308	0	0	0
161	ROANOKE	105 - PETE	861.7828	33.8843	1247.5	13.15385	0	0	0
161	ROANOKE	106 - GREE	492.4473	28.80165	1124.585	6.576923	0	0	0
161	ROANOKE	107 - BENN	340.6094	11.8595	792.5297	4.384615	0	0	0
161	ROANOKE	108 - WILD	463.7212	27.10744	966.8129	8.769231	0	0	0
161	ROANOKE	1201 - PLAN	1005.802	72.02786	1345.336	19.65517	0	0	0
161	ROANOKE	1202 - BURL	1062.308	34.9226	934.8946	16.37931	0	0	0
161	ROANOKE	1203 - MOU	1039.706	32.73994	1968.599	16.37931	0	0	0
161	ROANOKE	1204 - BOTE	685.3225	16.94215	1054.872	4.384615	0	0	0
161	ROANOKE	1205 - ORCH	598.9608	39.28793	1469.482	0	0	0	0
161	ROANOKE	1206 - HOLL	610.262	13.09598	785.4128	6.551724	0	0	0
161	ROANOKE	1301 - BENT	381.6467	13.55372	499.0002	4.384615	0	0	0
161	ROANOKE	1302 - POAC	870.1884	34.9226	1722.841	9.827586	0	0	0
161	ROANOKE	1303 - WINC	542.4551	32.73994	775.2784	6.551724	0	0	0
161	ROANOKE	1304 - OAK	921.0436	19.64396	1226.257	9.827586	0	0	0
161	ROANOKE	1305 - CAST	1090.561	28.37461	1330.135	19.65517	0	0	0
161	ROANOKE	1306 - GARS	593.3103	19.64396	597.9272	3.275862	0	0	0
161	ROANOKE	1401 - SOUT	372.9379	8.73065	755.0097	0	0	0	0
161	ROANOKE	1402 - BONS	237.3241	8.73065	380.0384	3.275862	0	0	0
161	ROANOKE	1403 - NORF	875.839	39.28793	1205.989	3.275862	0	0	0
161	ROANOKE	1404 - SOUT	785.4298	52.3839	1183.186	13.10345	0	0	0
161	ROANOKE	1405 - NORF	305.131	24.00929	846.2189	3.275862	0	0	0
161	ROANOKE	1406 - MOU	700.6712	37.10526	1755.778	13.10345	0	0	0
161	ROANOKE	1501 - COTT	548.1057	13.09598	894.3571	6.551724	0	0	0
161	ROANOKE	1502 - PENN	638.5149	24.00929	795.5471	6.551724	0	0	0
161	ROANOKE	1503 - CAVE	689.37	39.28793	983.0328	0	0	0	0
161	ROANOKE	1504 - OGD	1152.717	30.55728	955.1633	19.65517	0	0	0
161	ROANOKE	1505 - CLEA	491.5999	30.55728	1102.111	9.827586	0	0	0
161	ROANOKE	1506 - MOU	531.154	28.37461	732.2074	0	0	0	0
161	ROANOKE	1507 - HUNT	1073.609	41.47059	1297.198	3.275862	0	0	0
163	ROCKBRIDGE	101 - AIRP	348.2386	12.33645	455.2165	3.166667	0	0	0
163	ROCKBRIDGE	102 - BEN	238.7922	10.79439	460.7176	1.583333	0	0	0
163	ROCKBRIDGE	103 - PLAN	102.8133	9.252336	335.5674	1.583333	0	0	0
163	ROCKBRIDGE	104 - EFFIN	189.0438	4.626168	350.6955	0	0	0	0
163	ROCKBRIDGE	1201 - COLLI	248.7419	9.252336	459.3423	1.583333	0	0	0
163	ROCKBRIDGE	1202 - HIGH	411.2532	20.04673	834.7927	7.916667	0	0	0

163	ROCKBRID(203 - VO-TI	159.1948	9.252336	173.2848	0	0	0	0
163	ROCKBRID(301 - MAU	404.6201	12.33645	496.4747	0	0	0	0
163	ROCKBRID(302 - NATL	265.3247	10.79439	628.5013	0	0	0	0
163	ROCKBRID(303 - FALLI	72.96429	4.626168	283.3069	3.166667	0	0	0
163	ROCKBRID(401 - FAIRF	248.7419	10.79439	627.126	1.583333	0	0	0
163	ROCKBRID(402 - MOU	265.3247	13.8785	885.6779	0	0	0	0
163	ROCKBRID(403 - VESU	145.9286	1.542056	334.1921	0	0	0	0
163	ROCKBRID(501 - GOSH	102.8133	3.084112	423.5851	1.583333	0	0	0
163	ROCKBRID(502 - MEAL	368.138	13.8785	411.2076	9.5	0	0	0
163	ROCKBRID(503 - ROCK	232.1591	9.252336	358.9471	0	0	0	0
163	ROCKBRID(504 - ROCK	281.9075	9.252336	569.3644	6.333333	0	0	0
165	ROCKINGH 101 - BROA	754.912	34.44725	1598.987	3.645833	0	0	0
165	ROCKINGH 102 - TIMB	500.1681	35.94495	1000.088	1.822917	0	0	0
165	ROCKINGH 103 - FULK'	186.398	17.97248	1226.66	0	0	0	0
165	ROCKINGH 104 - BERG	139.7985	2.995413	461.8012	1.822917	0	0	0
165	ROCKINGH 105 - LACE'	248.5307	13.47936	813.9247	5.46875	0	0	0
165	ROCKINGH 106 - TENT	248.5307	13.47936	767.7446	7.291667	0	0	0
165	ROCKINGH 107 - PLAIN	220.571	11.98165	812.4816	1.822917	0	0	0
165	ROCKINGH 108 - LITTL	155.3317	5.990826	575.8084	5.46875	0	0	0
165	ROCKINGH 201 - SINGI	267.1705	14.97706	1163.162	9.114583	0	0	0
165	ROCKINGH 202 - EDON	574.7273	34.44725	1424.368	12.76042	0	0	0
165	ROCKINGH 203 - DAYT	438.0354	20.96789	634.9767	1.822917	0	0	0
165	ROCKINGH 204 - MT C	344.8364	19.47018	1070.802	20.05208	0	0	0
165	ROCKINGH 205 - SILVE	493.9548	19.47018	932.2612	14.58333	0	0	0
165	ROCKINGH 301 - KEEZI	410.0757	19.47018	740.3251	1.822917	0	0	0
165	ROCKINGH 302 - PORT	354.1563	14.97706	1153.06	5.46875	0	0	0
165	ROCKINGH 303 - MELR	198.8246	16.47477	596.0122	3.645833	0	0	0
165	ROCKINGH 304 - GROT	627.54	34.44725	1236.761	3.645833	0	0	0
165	ROCKINGH 305 - MASS	807.7248	34.44725	913.5006	9.114583	0	0	0
165	ROCKINGH 306 - CROS	201.9312	4.493119	402.633	5.46875	0	0	0
165	ROCKINGH 307 - CROS	674.1396	25.46101	862.9911	9.114583	0	0	0
165	ROCKINGH 401 - WEST	391.4359	31.45183	684.0431	5.46875	0	0	0
165	ROCKINGH 402 - MON	285.8103	23.9633	1031.837	3.645833	0	0	0
165	ROCKINGH 403 - MT C	170.8649	5.990826	196.2655	0	0	0	0
165	ROCKINGH 404 - NORI	490.8482	17.97248	932.2612	3.645833	0	0	0
165	ROCKINGH 405 - OTTC	304.4501	17.97248	1668.257	1.822917	0	0	0
165	ROCKINGH 406 - EAST	636.86	25.46101	774.9602	3.645833	0	0	0
165	ROCKINGH 501 - ELKT	565.4074	43.43349	1332.008	5.46875	0	0	0
165	ROCKINGH 502 - SWIF	515.7012	22.4656	2128.615	9.114583	0	0	0
165	ROCKINGH 503 - MCG	571.6206	35.94495	1333.451	3.645833	0	0	0
165	ROCKINGH 504 - SOUT	205.0378	11.98165	883.1949	5.46875	0	0	0
165	ROCKINGH 505 - STON	658.6064	20.96789	995.7589	9.114583	0	0	0
167	RUSSELL C(101 - MOC	143.6731	10.38806	797.4054	2	0	0	0
167	RUSSELL C(102 - COPP	158.0404	3.462687	718.7658	0	0	0	0
167	RUSSELL C(103 - SOUT	95.78204	6.925373	490.711	2	0	0	0
167	RUSSELL C(201 - NORI	294.5298	25.97015	1244.078	0	0	0	0
167	RUSSELL C(202 - DANT	100.5711	1.731343	350.7325	0	0	0	0

167	RUSSELL C(301 - COOK	57.46922	1.731343	295.6848	0	0	0	0
167	RUSSELL C(302 - DAUC	88.59839	5.19403	382.1884	0	0	0	0
167	RUSSELL C(303 - NEW	189.1695	3.462687	816.2789	8	0	0	0
167	RUSSELL C(304 - CLEVI	165.224	6.925373	474.9831	2	0	0	0
167	RUSSELL C(401 - DRILL	45.49647	1.731343	132.1145	0	0	0	0
167	RUSSELL C(402 - SWOI	179.5913	5.19403	1435.959	2	0	0	0
167	RUSSELL C(403 - HON/	138.884	0	528.458	0	0	0	0
167	RUSSELL C(501 - WEST	328.0535	25.97015	1234.641	2	0	0	0
167	RUSSELL C(601 - EAST	167.6186	15.58209	753.3672	0	0	0	0
167	RUSSELL C(602 - ELK G	220.2987	1.731343	1223.632	0	0	0	0
169	SCOTT COL 101 - WEBE	98.12164	7.894737	489.847	1.6	0	0	0
169	SCOTT COL 102 - YUM/	174.7044	9.473684	762.1687	4.8	0	0	0
169	SCOTT COL 202 - WEBE	83.76238	4.736842	388.5566	3.2	0	0	0
169	SCOTT COL 203 - HILTC	167.5248	6.315789	797.0392	6.4	0	0	0
169	SCOTT COL 204 - CLAR	23.93211	1.578947	298.8897	0	0	0	0
169	SCOTT COL 301 - NICKI	102.9081	6.315789	725.6378	0	0	0	0
169	SCOTT COL 302 - SNOV	71.79632	0	539.662	1.6	0	0	0
169	SCOTT COL 303 - TWIN	131.6266	1.578947	416.7851	0	0	0	0
169	SCOTT COL 304 - COPP	35.89816	11.05263	159.4078	0	0	0	0
169	SCOTT COL 401 - GATE	239.3211	11.05263	1069.361	1.6	0	0	0
169	SCOTT COL 501 - DUNC	81.36917	3.157895	395.1986	0	0	0	0
169	SCOTT COL 502 - FORT	93.33522	3.157895	443.3531	1.6	0	0	0
169	SCOTT COL 503 - MAN'	23.93211	4.736842	283.9452	0	0	0	0
169	SCOTT COL 504 - RYE C	62.22348	1.578947	672.5018	0	0	0	0
169	SCOTT COL 601 - CLINC	74.18953	7.894737	401.8406	1.6	0	0	0
169	SCOTT COL 602 - DUFF	160.3451	9.473684	983.015	1.6	0	0	0
169	SCOTT COL 603 - FAIR\	67.0099	0	235.7908	0	0	0	0
171	SHENANDC 101 - ORKN	479.7193	32.22549	833.1252	1.625	0	0	0
171	SHENANDC 103 - NEW	892.8109	40.70588	2184.959	8.125	0	0	0
171	SHENANDC 201 - CONI	443.0741	33.92157	1634.33	1.625	0	0	0
171	SHENANDC 202 - MT J/	589.655	40.70588	1327.893	1.625	0	0	0
171	SHENANDC 302 - EDINI	553.0097	27.13725	1174.675	1.625	0	0	0
171	SHENANDC 303 - ST LU	333.1384	11.87255	1390.138	4.875	0	0	0
171	SHENANDC 304 - FORT	269.8421	8.480392	869.8337	0	0	0	0
171	SHENANDC 401 - WOO	929.4561	42.40196	1613.581	13	0	0	0
171	SHENANDC 501 - CEDA	89.94737	0	154.8144	0	0	0	0
171	SHENANDC 503 - TOM'	496.3762	39.0098	1543.356	1.625	0	0	0
171	SHENANDC 504 - LEBAI	569.6667	23.7451	1458.767	0	0	0	0
171	SHENANDC 601 - STRA'	1189.304	45.79412	2277.528	4.875	0	0	0
173	SMYTH CO|101 - SALT\	471.5738	19.7037	1586.212	6.4	0	0	0
173	SMYTH CO|201 - SEVEI	208.3166	9.851852	1114.303	0	0	0	0
173	SMYTH CO|202 - RICH	169.4003	6.567901	480.0916	0	0	0	0
173	SMYTH CO|301 - CHILF	363.9817	14.77778	1312.068	4.8	0	0	0
173	SMYTH CO|302 - ST CL	98.43531	8.209877	469.1804	3.2	0	0	0
173	SMYTH CO|401 - EAST	274.7032	0	686.0399	0	0	0	0
173	SMYTH CO|402 - WEST	148.7976	0	402.3495	0	0	0	0
173	SMYTH CO|501 - ATKIN	254.1005	9.851852	1164.768	0	0	0	0

173 SMYTH CO|502 - WAS	215.1842	13.1358	482.8194	8	0	0	0
173 SMYTH CO|601 - ROYA	217.4734	14.77778	762.4181	1.6	0	0	0
173 SMYTH CO|602 - ROYA	176.2679	9.851852	484.1833	1.6	0	0	0
173 SMYTH CO|701 - ADW	190.003	9.851852	1207.048	0	0	0	0
173 SMYTH CO|702 - SUGA	194.5814	13.1358	686.0399	6.4	0	0	0
173 SMYTH CO|703 - KONN	25.18113	3.283951	125.4785	0	0	0	0
175 SOUTHAMI101 - BERLI	182.7666	7.5	657.4371	0	0	0	0
175 SOUTHAMI102 - IVOR	493.9639	10.5	671.6948	0	0	0	0
175 SOUTHAMI201 - BOYK	649.5625	13.5	441.9878	0	0	0	0
175 SOUTHAMI202 - BRAN	170.4175	6	229.7069	0	0	0	0
175 SOUTHAMI301 - CAPR	330.9558	0	353.2734	0	0	0	0
175 SOUTHAMI302 - SEBRI	237.1027	4.5	465.7506	0	0	0	0
175 SOUTHAMI401 - DREV	355.654	1.5	362.7785	0	0	0	0
175 SOUTHAMI501 - HUN1	222.2838	12	611.4957	0	0	0	0
175 SOUTHAMI502 - FORK	207.4648	7.5	277.2325	0	0	0	0
175 SOUTHAMI601 - COUF	323.5464	10.5	475.2557	0	0	0	0
175 SOUTHAMI602 - SEDLI	96.32296	4.5	422.9776	0	0	0	0
175 SOUTHAMI701 - BLAC	397.6409	7.5	199.6074	0	0	0	0
175 SOUTHAMI702 - NEW!	301.318	1.5	560.8018	0	0	0	0
177 SPOTSYLVA101 - PART	707.9936	54.31663	2100.778	4.5625	0	0	0
177 SPOTSYLVA102 - BLAYI	918.2463	29.0982	1924	9.125	0	0	0
177 SPOTSYLVA103 - TRAV	1347.954	50.43687	1800.667	18.25	0	0	0
177 SPOTSYLVA104 - MASS	1147.881	63.42857	1683.044	13.54286	0	0	0
177 SPOTSYLVA201 - WILD	1158.535	67.89579	1422.444	11.40625	0	0	0
177 SPOTSYLVA202 - WILD	1218.607	65.95591	1825.333	20.53125	0	0	0
177 SPOTSYLVA203 - NI RI\	596.431	31.03808	1348.444	6.84375	0	0	0
177 SPOTSYLVA204 - CHAN	1514.677	56.25651	1543.722	9.125	0	0	0
177 SPOTSYLVA301 - PLAN	1591.913	60.13627	1358.722	20.53125	0	0	0
177 SPOTSYLVA302 - HAZE	1471.769	52.37675	1046.278	9.125	0	0	0
177 SPOTSYLVA303 - RIVEF	1368.788	48.49699	1786.278	15.96875	0	0	0
177 SPOTSYLVA401 - SUMI	2185.39	65.69388	1856.891	9.028571	0	0	0
177 SPOTSYLVA402 - PARK	2175.97	73.44072	1472.167	6.819643	0	0	0
177 SPOTSYLVA403 - LEE H	2052.942	61.16327	1511.716	24.82857	0	0	0
177 SPOTSYLVA501 - BELM	742.3206	31.03808	1878.778	4.5625	0	0	0
177 SPOTSYLVA502 - BROK	660.7941	34.91784	1560.167	0	0	0	0
177 SPOTSYLVA503 - POST	656.5032	25.21844	1650.611	2.28125	0	0	0
177 SPOTSYLVA504 - COUF	918.2463	40.73747	1311.444	15.96875	0	0	0
177 SPOTSYLVA505 - BROC	845.3015	52.37675	1739	11.40625	0	0	0
177 SPOTSYLVA601 - SALEI	1669.149	62.07615	1327.889	11.40625	0	0	0
177 SPOTSYLVA602 - SMITI	2471.541	69.83567	1728.722	18.25	0	0	0
177 SPOTSYLVA603 - PIEDI	1201.444	36.85772	931.1667	4.5625	0	0	0
177 SPOTSYLVA701 - BATT	1628.005	40.77551	1156.463	9.028571	0	0	0
177 SPOTSYLVA702 - BREN	1945.971	44.31716	1453.948	20.3625	0	0	0
177 SPOTSYLVA703 - FAIR\	923.247	28.78545	823.1974	11.35804	0	0	0
177 SPOTSYLVA704 - GAYL	1187.382	54.32931	1169.13	9.125	0	0	0
179 STAFFORD 101 - HART	1439.959	88.96552	3204.328	14.62921	0	0	0
179 STAFFORD 102 - ROCK	1087.148	49.42529	1035.762	16.7191	0	0	0

179 STAFFORD 103 - SIMP	984.5872	47.44828	1285.296	14.62921	0	0	0
179 STAFFORD 104 - COLLI	1735.335	83.03448	2014.092	37.61798	0	0	0
179 STAFFORD 201 - ROCK	1472.778	61.28736	1309.061	10.44944	0	0	0
179 STAFFORD 202 - ROSE	1567.135	49.42529	1416.004	16.7191	0	0	0
179 STAFFORD 203 - RUBY	992.792	61.28736	1873.482	10.44944	0	0	0
179 STAFFORD 204 - STEF	1284.066	27.67816	1414.024	12.53933	0	0	0
179 STAFFORD 301 - GRIFF	1817.384	27.67816	645.6186	8.359551	0	0	0
179 STAFFORD 302 - WIDE	2104.555	47.44828	1481.358	16.7191	0	0	0
179 STAFFORD 303 - HARB	1222.529	51.4023	1148.647	16.7191	0	0	0
179 STAFFORD 304 - BARR	1124.07	23.72414	647.599	2.089888	0	0	0
179 STAFFORD 401 - AQUI	918.948	19.77011	269.3378	4.179775	0	0	0
179 STAFFORD 402 - COUF	2231.731	61.28736	1061.508	8.359551	0	0	0
179 STAFFORD 403 - BROC	1464.573	67.21839	1869.521	14.62921	0	0	0
179 STAFFORD 404 - GOVE	1608.159	67.21839	1443.73	16.7191	0	0	0
179 STAFFORD 501 - GRAF	1476.881	53.37931	1958.64	10.44944	0	0	0
179 STAFFORD 502 - FALM	1366.115	47.44828	1257.57	27.16854	0	0	0
179 STAFFORD 503 - DREV	1501.495	73.14943	1455.613	12.53933	0	0	0
179 STAFFORD 504 - GAYL	1460.471	13.83908	627.7948	8.359551	0	0	0
179 STAFFORD 601 - FERR	980.4847	53.37931	1427.887	12.53933	0	0	0
179 STAFFORD 602 - CHAT	1546.622	57.33333	1598.203	10.44944	0	0	0
179 STAFFORD 603 - WHIT	1259.451	73.14943	2451.766	14.62921	0	0	0
179 STAFFORD 604 - ENGL	1764.052	33.6092	645.6186	6.269663	0	0	0
179 STAFFORD 701 - WOO	2018.404	47.44828	1550.673	16.7191	0	0	0
179 STAFFORD 702 - WHIT	2014.301	43.49425	942.6824	12.53933	0	0	0
179 STAFFORD 703 - HAM	1800.974	45.47126	1600.184	18.80899	0	0	0
181 SURRY COL 101 - SURR	224.0519	10.43478	373.6819	3.6	0	0	0
181 SURRY COL 201 - BACC	472.9985	12.17391	403.9323	0	0	0	0
181 SURRY COL 301 - DENC	341.4125	1.73913	243.783	0	0	0	0
181 SURRY COL 302 - WALL	238.2774	1.73913	233.1063	1.8	0	0	0
181 SURRY COL 401 - CARS	537.0134	6.956522	361.2258	0	0	0	0
181 SURRY COL 501 - CLAR	344.9688	3.478261	370.123	1.8	0	0	0
181 SURRY COL 502 - SPRIN	238.2774	3.478261	39.14763	1.8	0	0	0
183 SUSSEX CO 101 - WAVI	691.6463	7	158.0529	0	0	0	0
183 SUSSEX CO 201 - STON	345.8231	1.75	223.7779	2.8	0	0	0
183 SUSSEX CO 202 - LITTL	129.1629	0	82.93865	0	0	0	0
183 SUSSEX CO 301 - COUF	133.3294	1.75	378.701	0	0	0	0
183 SUSSEX CO 302 - WAKI	39.58217	0	195.61	1.4	0	0	0
183 SUSSEX CO 401 - MAR	539.5674	12.25	302.0219	1.4	0	0	0
183 SUSSEX CO 402 - WEST	93.74724	0	18.77856	0	0	0	0
183 SUSSEX CO 501 - HENR	412.4878	0	226.9076	0	0	0	0
183 SUSSEX CO 502 - YALE	137.4959	5.25	114.2362	0	0	0	0
183 SUSSEX CO 601 - BLAC	187.4945	1.75	314.5409	0	0	0	0
183 SUSSEX CO 602 - NEW	116.6632	5.25	203.4344	1.4	0	0	0
185 TAZEWELL 101 - INDIA	131.893	3.741176	824.2055	0	0	0	0
185 TAZEWELL 102 - TIP T	69.24383	1.870588	415.8154	2.478261	0	0	0
185 TAZEWELL 103 - MUN	112.1091	7.482353	833.4871	0	0	0	0
185 TAZEWELL 104 - FALLS	131.893	3.741176	716.539	2.478261	0	0	0

185 TAZEWE	106 - POCA	89.02778	3.741176	291.442	2.478261	0	0	0
185 TAZEWE	107 - AMO	23.08128	3.741176	102.0975	0	0	0	0
185 TAZEWE	109 - BISHC	23.08128	1.870588	222.7582	0	0	0	0
185 TAZEWE	112 - BANC	29.67593	1.870588	274.7352	0	0	0	0
185 TAZEWE	203 - BURK	32.97325	0	154.0744	0	0	0	0
185 TAZEWE	204 - CLEAI	59.35185	0	560.6082	0	0	0	0
185 TAZEWE	207 - FREE	89.02778	3.741176	207.9077	0	0	0	0
185 TAZEWE	209 - JEFFE	362.7058	0	1529.607	7.434783	0	0	0
185 TAZEWE	214 - THOM	92.3251	1.870588	568.0335	0	0	0	0
185 TAZEWE	301 - CEDA	237.4074	11.22353	1639.129	2.478261	0	0	0
185 TAZEWE	302 - BAPT	105.5144	0	428.8096	7.434783	0	0	0
185 TAZEWE	303 - PAIN	194.5422	11.22353	1251.159	4.956522	0	0	0
185 TAZEWE	401 - RICHI	577.0319	54.24706	2934.84	9.913043	0	0	0
185 TAZEWE	402 - JEWEL	65.9465	0	361.9821	0	0	0	0
185 TAZEWE	501 - SPRIN	145.0823	13.09412	1234.452	2.478261	0	0	0
185 TAZEWE	502 - GRAF	633.0864	35.54118	2179.318	14.86957	0	0	0
187 WARREN	C 101 - FORK	575.9626	19.39614	769.1853	2.2	16.55172	57.77851	0
187 WARREN	C 102 - OTTE	588.3047	44.08213	1972.969	8.8	0	0	0
187 WARREN	C 201 - HAPP	650.015	28.21256	1323.799	13.2	0	0	0
187 WARREN	C 202 - LIND	913.3121	77.58454	1483.819	11	0	0	0
187 WARREN	C 301 - NOR	608.8748	35.2657	991.0308	4.4	666.2069	1065.914	5.4
187 WARREN	C 302 - RIVE	551.2785	29.97585	1522.005	6.6	575.1724	1681.554	0
187 WARREN	C 401 - EAST	876.286	54.66184	2240.275	35.2	0	0	0
187 WARREN	C 402 - TOW	415.5159	21.15942	765.5485	4.4	422.069	846.754	3.6
187 WARREN	C 501 - SOUT	855.7159	22.92271	1478.363	13.2	0	0	0
187 WARREN	C 502 - BENT	287.9813	22.92271	874.6528	6.6	0	0	0
187 WARREN	C 504 - BROV	279.7533	8.816425	647.3522	4.4	0	0	0
191 WASHING	T 101 - EAST	612.5196	31.32121	1351.627	7.75	0	0	0
191 WASHING	T 102 - WEST	317.4372	18.42424	635.5982	10.33333	0	0	0
191 WASHING	T 201 - CLIN	241.4311	16.58182	1008.326	5.166667	0	0	0
191 WASHING	T 202 - GREE	205.6635	11.05455	1210.383	0	0	0	0
191 WASHING	T 203 - HAYT	138.5993	5.527273	629.7131	7.75	0	0	0
191 WASHING	T 204 WOOD	223.5473	12.89697	751.3399	2.583333	0	0	0
191 WASHING	T 301 - WAT	380.0304	7.369697	1326.125	10.33333	0	0	0
191 WASHING	T 302 - SOUT	371.0885	31.32121	849.426	2.583333	0	0	0
191 WASHING	T 401 - GLAD	523.1007	29.47879	1555.646	5.166667	0	0	0
191 WASHING	T 402 - MEAL	585.6939	25.79394	1720.431	5.166667	0	0	0
191 WASHING	T 501 - RHEA	675.1128	27.63636	2305.024	12.91667	0	0	0
191 WASHING	T 502 - DAM	375.5595	14.73939	986.7466	0	0	0	0
191 WASHING	T 504 - GREE	62.59324	0	258.9474	0	0	0	0
191 WASHING	T 601 - BURS	388.9723	22.10909	1944.067	5.166667	0	0	0
191 WASHING	T 602 - MENI	120.7155	5.527273	470.8135	5.166667	0	0	0
191 WASHING	T 603 - VALLI	411.327	11.05455	1461.484	2.583333	0	0	0
191 WASHING	T 701 - HIGH	304.0243	11.05455	1214.306	2.583333	0	0	0
191 WASHING	T 702 - WALL	187.7797	7.369697	768.9954	0	0	0	0
191 WASHING	T 703 - JOHN	491.8041	14.73939	1230	7.75	0	0	0
193 WESTMOR	101 - PREC	779.0822	4.5	341.631	0	0	0	0

193 WESTMOR 102 - PREC	353.5331	7.5	210.3639	0	0	0	0
193 WESTMOR 201 - PREC	641.5971	3	486.3614	3.25	0	0	0
193 WESTMOR 202 - PREC	219.3215	6	516.6538	3.25	0	0	0
193 WESTMOR 301 - PREC	396.088	6	454.3861	13	0	0	0
193 WESTMOR 302 - PREC	471.3775	4.5	545.2633	0	0	0	0
193 WESTMOR 401 - PREC	690.6989	19.5	1549.961	6.5	0	0	0
193 WESTMOR 501 - PREC	949.3018	39	1213.379	13	0	0	0
195 WISE COUN 101 - APPA	305.6263	1.928571	984.3097	1.722222	0	0	0
195 WISE COUN 102 - DORC	214.946	3.857143	668.8258	0	0	0	0
195 WISE COUN 103 - GUES	204.8704	1.928571	639.3806	1.722222	0	0	0
195 WISE COUN 104 - WEST	305.6263	13.5	1867.665	0	0	0	0
195 WISE COUN 201 - NORI	188.0778	5.785714	893.871	0	0	0	0
195 WISE COUN 202 - WISE	493.7041	23.14286	1617.381	8.611111	0	0	0
195 WISE COUN 203 - EAST	80.60475	3.857143	445.8839	0	0	0	0
195 WISE COUN 301 - BIG S	349.2873	9.642857	1081.058	3.444444	0	0	0
195 WISE COUN 302 - EAST	298.9093	17.35714	1592.142	12.05556	0	0	0
195 WISE COUN 401 - CLINC	157.851	7.714286	858.1161	0	0	0	0
195 WISE COUN 402 - SOUT	248.5313	5.785714	1897.11	3.444444	0	0	0
195 WISE COUN 403 - ST PA	261.9654	13.5	820.2581	0	0	0	0
197 WYTHE CO 101 - ROYA	113.7078	3.148148	414.7648	0	0	0	0
197 WYTHE CO 102 - RURA	425.6753	22.03704	1824.057	1.928571	0	0	0
197 WYTHE CO 203 - WEST	527.7208	20.46296	1188.286	3.857143	0	0	0
197 WYTHE CO 303 - EAST	568.539	34.62963	1214.02	1.928571	0	0	0
197 WYTHE CO 401 - FORT	279.8961	11.01852	1124.709	3.857143	0	0	0
197 WYTHE CO 402 - MAX	247.8247	17.31481	1209.478	1.928571	0	0	0
197 WYTHE CO 501 - JACKS	221.5844	3.148148	1033.885	1.928571	0	0	0
197 WYTHE CO 502 - SHEFI	276.9805	17.31481	1354.797	7.714286	0	0	0
197 WYTHE CO 601 - HUDI	99.12987	6.296296	675.1281	0	0	0	0
197 WYTHE CO 602 - ZION	201.1753	17.31481	1020.261	0	0	0	0
197 WYTHE CO 603 - EVERI	180.7662	17.31481	673.6144	3.857143	0	0	0
199 YORK COUN 101 - QUEE	1347.623	44.59016	1147.342	0	0	0	0
199 YORK COUN 102 - WALL	1286.919	51.27869	1436.261	18.7	0	0	0
199 YORK COUN 103 - MAG	2853.076	78.03279	1716.846	16.02857	0	0	0
199 YORK COUN 201 - COVE	2009.294	75.80328	1816.856	18.7	0	0	0
199 YORK COUN 202 - KILN	1068.386	26.7541	1005.66	5.342857	0	0	0
199 YORK COUN 301 - SEAF	1232.286	55.7377	3028.094	32.05714	0	0	0
199 YORK COUN 302 - YORK	764.8671	35.67213	1214.016	16.02857	0	0	0
199 YORK COUN 303 - EDGE	1912.168	37.90164	1511.269	24.04286	0	0	0
199 YORK COUN 401 - HARV	801.2894	60.19672	1502.935	5.342857	0	0	0
199 YORK COUN 402 - DARE	959.1191	37.90164	1625.17	16.02857	0	0	0
199 YORK COUN 403 - GRAF	564.5448	33.44262	791.7492	0	0	0	0
199 YORK COUN 501 - TABB	1189.793	64.65574	1786.297	21.37143	0	0	0
199 YORK COUN 502 - BETH	1693.634	78.03279	1658.506	13.35714	0	0	0
510 ALEXANDR 101 - LADR	1002.932	18.92593	399.5895	17.875	0	0	0
510 ALEXANDR 102 - CITY I	737.2546	16.22222	478.9782	26.8125	0	0	0
510 ALEXANDR 103 - LYLES	2012.506	54.07407	717.1441	35.75	0	0	0
510 ALEXANDR 104 - DURAF	1680.409	40.55556	402.2358	17.875	0	0	0

510 ALEXANDR 105 - LEE C	1182.264	29.74074	367.8341	5.958333	0	0	0
510 ALEXANDR 106 - CORA	4224.27	51.37037	645.6943	20.85417	0	0	0
510 ALEXANDR 107 - MT V	2743.118	37.85185	558.3668	35.75	0	0	0
510 ALEXANDR 108 - GEOF	2112.135	40.55556	399.5895	8.9375	0	0	0
510 ALEXANDR 109 - FIRE I	1454.583	40.55556	508.0873	29.79167	0	0	0
510 ALEXANDR 110 - CHAR	2596.996	24.33333	370.4803	14.89583	0	0	0
510 ALEXANDR 111 - POTC	1328.387	29.74074	291.0917	11.91667	0	0	0
510 ALEXANDR 112 - ALEX	1242.042	5.407407	341.3712	20.85417	0	0	0
510 ALEXANDR 201 - MAU	1766.754	21.62963	497.5022	32.77083	0	0	0
510 ALEXANDR 202 - GEOF	1620.632	29.74074	643.048	38.72917	0	0	0
510 ALEXANDR 203 - CHAR	2078.925	37.85185	478.9782	29.79167	0	0	0
510 ALEXANDR 204 - BLESS	1733.545	29.74074	542.4891	44.6875	0	0	0
510 ALEXANDR 205 - DOUC	1932.803	40.55556	531.9039	38.72917	0	0	0
510 ALEXANDR 206 - CHIN	1494.435	24.33333	383.7118	44.6875	0	0	0
510 ALEXANDR 207 - TEMF	2490.725	37.85185	624.524	38.72917	0	0	0
510 ALEXANDR 208 - NOV	3015.438	59.48148	685.3886	35.75	0	0	0
510 ALEXANDR 209 - JAME	3168.202	35.14815	600.7074	17.875	0	0	0
510 ALEXANDR 210 - The F	1215.474	32.44444	309.6157	5.958333	0	0	0
510 ALEXANDR 302 - PATR	2344.602	32.44444	365.1878	17.875	0	0	0
510 ALEXANDR 303 - CHAR	1899.593	35.14815	312.262	8.9375	0	0	0
510 ALEXANDR 304 - SAMI	2696.625	48.66667	455.1616	11.91667	0	0	0
510 ALEXANDR 305 - JOHN	4423.528	32.44444	516.0262	20.85417	0	0	0
510 ALEXANDR 306 - WILLI	4237.553	32.44444	521.3188	17.875	0	0	0
510 ALEXANDR 307 - SOUT	3008.796	27.03704	523.9651	17.875	0	0	0
510 ALEXANDR 308 - CAMI	2225.048	27.03704	725.083	32.77083	0	0	0
510 ALEXANDR 309 - OLYM	2570.428	48.66667	346.6638	11.91667	0	0	0
520 BRISTOL CI' 001 - FIRST	530.2365	32.25806	1206.536	8.7	0	0	0
520 BRISTOL CI' 002 - SECO	546.9368	36.29032	1125.222	2.9	0	0	0
520 BRISTOL CI' 003 - THIRI	442.5596	10.08065	659.3095	8.7	0	0	0
520 BRISTOL CI' 004 - FOUR	793.2671	46.37097	2355.933	8.7	0	0	0
530 BUENA VIS' 001 - FIRST	434.4415	40.61538	1054.433	8.888889	0	0	0
530 BUENA VIS' 002 - SECO	390.5585	31.38462	808.5673	7.111111	0	0	0
540 CHARLOTT| 101 - Key R	1831.504	20.00585	402.4415	14.17722	0	0	0
540 CHARLOTT| 102 - CLAR	3075	34.55556	443.0549	11.34177	0	0	0
540 CHARLOTT| 201 - CARV	2496.63	38.19298	223.3735	14.17722	0	0	0
540 CHARLOTT| 202 - WALK	2429.153	36.37427	544.5883	11.34177	0	0	0
540 CHARLOTT| 301 - BENJ	2930.407	27.2807	232.6038	17.01266	0	0	0
540 CHARLOTT| 302 - JOHN	2660.501	72.74854	548.2804	18.43038	0	0	0
540 CHARLOTT| 303 - BUFC	1484.483	25.46199	184.6062	8.506329	0	0	0
540 CHARLOTT| 401 - VENA	2053.213	27.2807	193.8365	7.088608	0	0	0
540 CHARLOTT| 402 - ALUN	1735.109	29.09942	321.2148	9.924051	0	0	0
550 CHESAPEAI 001 - GREA	765.4545	43.35714	1130.661	7.034483	0	0	0
550 CHESAPEAI 002 - BETH	715.6688	43.35714	2389.568	10.55172	0	0	0
550 CHESAPEAI 003 - CAMI	1446.275	26.97653	134.9853	3.352941	0	0	0
550 CHESAPEAI 004 - CHUF	464.356	24.90141	990.7414	3.352941	0	0	0
550 CHESAPEAI 005 - CRES	1891.283	22.82629	328.5492	13.41176	0	0	0
550 CHESAPEAI 006 - DEEP	970.8203	29.66541	936.9828	7.034483	0	0	0

550 CHESAPEAI007 - GREE	659.66	45.6391	709.2803	17.58621	0	0	0
550 CHESAPEAI008 - SOUT	1388.231	43.57746	1023.851	0	0	0	0
550 CHESAPEAI009 - BELLS	908.5883	59.33083	1876.583	3.517241	0	0	0
550 CHESAPEAI010 - OSCA	667.5117	29.05164	562.8633	3.352941	0	0	0
550 CHESAPEAI011 - GENE	1320.512	29.05164	1087.523	10.05882	0	0	0
550 CHESAPEAI012 - GEOF	914.2008	12.4507	198.6576	6.705882	0	0	0
550 CHESAPEAI013 - GILM	1189.912	41.50235	1232.696	3.352941	0	0	0
550 CHESAPEAI014 - GRAS	852.5794	45.6391	1039.056	10.55172	0	0	0
550 CHESAPEAI015 - GREE	1349.534	49.80282	797.1775	20.11765	0	0	0
550 CHESAPEAI016 - HICK	902.3651	41.07519	2004.829	7.034483	0	0	0
550 CHESAPEAI017 - INDIA	715.6688	25.1015	1792.83	0	0	0	0
550 CHESAPEAI018 - INDIA	1243.12	41.50235	555.2227	3.352941	0	0	0
550 CHESAPEAI019 - JOLLI	703.2224	31.94737	1049.525	24.62069	0	0	0
550 CHESAPEAI020 - E W C	983.2667	38.79323	1070.464	10.55172	0	0	0
550 CHESAPEAI021 - FELL	923.8749	37.35211	1082.43	6.705882	0	0	0
550 CHESAPEAI022 - NORF	836.8081	35.277	860.8498	6.705882	0	0	0
550 CHESAPEAI023 - OAK	1300.65	47.92105	840.1438	7.034483	0	0	0
550 CHESAPEAI024 - OAKL	1431.764	45.65258	794.6306	16.76471	0	0	0
550 CHESAPEAI025 - ST JU	1175.401	39.42723	669.8328	13.41176	0	0	0
550 CHESAPEAI026 - JOHN	972.2453	29.05164	402.4091	10.05882	0	0	0
550 CHESAPEAI027 - SILVE	851.3192	26.97653	883.7719	10.05882	0	0	0
550 CHESAPEAI028 - SUNR	292.4907	9.12782	465.8741	0	0	0	0
550 CHESAPEAI029 - TANG	623.9783	56.02817	1028.945	3.352941	0	0	0
550 CHESAPEAI030 - SOUT	1189.912	8.300469	61.12543	6.705882	0	0	0
550 CHESAPEAI031 - CARV	2050.905	24.90141	432.9718	10.05882	0	0	0
550 CHESAPEAI032 - PROV	2834.506	20.75117	170.6418	13.41176	0	0	0
550 CHESAPEAI033 - WEST	648.1635	16.60094	995.8351	10.05882	0	0	0
550 CHESAPEAI034 - HICK	815.2401	45.6391	1813.768	21.10345	0	0	0
550 CHESAPEAI035 - TAYL	1218.934	29.05164	392.2215	10.05882	0	0	0
550 CHESAPEAI036 - GREA	1151.293	29.66541	1408.091	24.62069	0	0	0
550 CHESAPEAI037 - BRID	871.249	34.22932	1012.884	0	0	0	0
550 CHESAPEAI038 - BAILE	435.3337	39.42723	1006.023	3.352941	0	0	0
550 CHESAPEAI039 - LAKE	877.4722	52.48496	1041.674	0	0	0	0
550 CHESAPEAI041 - JOHN	1960.31	73.02256	1491.844	24.62069	0	0	0
550 CHESAPEAI042 - PARK	1185.075	18.67606	603.6136	20.11765	0	0	0
550 CHESAPEAI043 - PLEA	566.3119	29.66541	1285.08	14.06897	0	0	0
550 CHESAPEAI044 - NANS	977.0823	8.300469	634.1763	6.705882	0	0	0
550 CHESAPEAI045 - SUNR	485.4102	11.40977	397.8251	3.517241	0	0	0
550 CHESAPEAI046 - BELLS	945.9275	34.22932	1101.871	0	0	0	0
550 CHESAPEAI048 - JOLLI	2875.122	29.66541	287.8997	10.55172	0	0	0
550 CHESAPEAI049 - WATI	865.0258	25.1015	965.7728	14.06897	0	0	0
550 CHESAPEAI050 - RIVE	1611.811	34.22932	910.8101	14.06897	0	0	0
550 CHESAPEAI051 - COOF	1020.606	47.92105	2028.385	17.58621	0	0	0
550 CHESAPEAI052 - SHIPY	809.0169	20.53759	638.614	7.034483	0	0	0
550 CHESAPEAI053 - FAIRV	1523.668	45.65258	1156.289	30.17647	0	0	0
550 CHESAPEAI054 - PUGH	1426.927	33.20188	438.0656	10.05882	0	0	0
550 CHESAPEAI055 - GEOF	488.5412	14.52582	188.4701	3.352941	0	0	0

550 CHESAPEAI056 - GREE	860.9933	10.37559	644.3639	10.05882	0	0	0
550 CHESAPEAI057 - CYPR	1257.631	22.82629	601.0667	16.76471	0	0	0
550 CHESAPEAI058 - EXPR	796.5705	15.97368	219.8507	7.034483	0	0	0
550 CHESAPEAI059 - CLEAI	1107.731	34.22932	999.7973	7.034483	0	0	0
550 CHESAPEAI060 - PARK	640.9903	25.1015	1020.735	3.517241	0	0	0
550 CHESAPEAI061 - CENT	865.0258	45.6391	1947.249	7.034483	0	0	0
550 CHESAPEAI062 - FENT	1138.847	57.04887	1792.83	7.034483	0	0	0
550 CHESAPEAI063 - POPL	373.3924	25.1015	934.3655	3.517241	0	0	0
550 CHESAPEAI064 - DEEP	1095.284	38.79323	793.0329	3.517241	0	0	0
550 CHESAPEAI065 - WATI	945.9275	43.35714	821.8229	10.55172	0	0	0
570 COLONIAL 001 - FIRST	631.977	26.61972	1101.201	0	0	0	0
570 COLONIAL 002 - SECO	570.4874	24.71831	1106.161	18.4	0	0	0
570 COLONIAL 003 - THIRI	669.554	26.61972	1140.884	18.4	0	0	0
570 COLONIAL 004 - FOUR	659.3057	24.71831	1212.809	4.6	0	0	0
570 COLONIAL 005 - FIFTH	440.6759	32.32394	1445.946	4.6	0	0	0
580 COVINGTO 101 - PREC	202.2902	6.666667	267.271	0	0	0	0
580 COVINGTO 201 - PREC	159.8342	11.66667	256.9346	3.6	0	0	0
580 COVINGTO 301 - PREC	224.7668	10	191.9626	3.6	0	0	0
580 COVINGTO 401 - PREC	184.8083	18.33333	413.4579	1.8	0	0	0
580 COVINGTO 501 - PREC	192.3005	3.333333	450.3738	0	0	0	0
590 DANVILLE (001 - WARI	498.9729	8.193277	101.8168	9.84	0	0	0
590 DANVILLE (002 - WARI	348.9926	13.10924	222.1458	14.76	0	0	0
590 DANVILLE (003 - WARI	718.1749	18.02521	275.3682	4.92	0	0	0
590 DANVILLE (004 - WARI	1185.421	14.7479	951.0617	9.84	0	0	0
590 DANVILLE (006 - WARI	591.2685	6.554622	76.36262	4.92	0	0	0
590 DANVILLE (007 - WARI	986.4089	4.915966	196.6916	4.92	0	0	0
590 DANVILLE (008 - WARI	801.8177	9.831933	300.8224	4.92	0	0	0
590 DANVILLE (009 - WARI	556.6576	9.831933	453.5477	4.92	0	0	0
590 DANVILLE (010 - WARI	778.7438	14.7479	511.3981	4.92	0	0	0
590 DANVILLE (011 - WARI	1093.126	16.38655	395.6972	0	0	0	0
590 DANVILLE (012 - WARI	997.9458	4.915966	620.157	4.92	0	0	0
590 DANVILLE (013 - WARI	1035.441	18.02521	546.1084	19.68	0	0	0
590 DANVILLE (014 - WARI	245.1601	0	13.88411	0	0	0	0
590 DANVILLE (015 - WARI	752.7857	24.57983	775.1963	0	0	0	0
590 DANVILLE (016 - WARI	749.9015	14.7479	1110.729	19.68	0	0	0
590 DANVILLE (017 - WARI	369.1823	16.38655	877.0131	14.76	0	0	0
595 EMPORIA (101 - PREC	320.0294	5.2	100.5333	3.333333	0	0	0
595 EMPORIA (201 - PREC	229.1569	1.3	11.82745	0	0	0	0
595 EMPORIA (301 - PREC	191.6225	0	158.1922	0	0	0	0
595 EMPORIA (401 - PREC	227.1814	2.6	180.3686	0	0	0	0
595 EMPORIA (501 - PREC	233.1078	1.3	11.82745	0	0	0	0
595 EMPORIA (601 - DISTF	152.1127	1.3	212.8941	0	0	0	0
595 EMPORIA (701 - DISTF	258.7892	1.3	78.35686	1.666667	0	0	0
600 FAIRFAX CI' 001 - ONE	1828.725	38.65385	627.9627	29.67391	0	0	0
600 FAIRFAX CI' 002 - TWO	1172.571	43.80769	685.2767	20.54348	0	0	0
600 FAIRFAX CI' 003 - THRE	1992.763	43.80769	884.63	29.67391	0	0	0
600 FAIRFAX CI' 004 - FOUR	947.7775	30.92308	458.5124	4.565217	0	0	0

600 FAIRFAX CI\005 - FIVE	1403.44	28.34615	652.8818	13.69565	0	0	0
600 FAIRFAX CI\006 - SIX	1828.725	15.46154	697.7363	6.847826	0	0	0
610 FALLS CHU 001 - FIRST	2867.222	46.76923	611.8075	21.95455	0	0	0
610 FALLS CHU 002 - SECO	2260.694	20.46154	433.2417	21.95455	0	0	0
610 FALLS CHU 003 - THIRI	2018.083	46.76923	444.9509	25.09091	0	0	0
620 FRANKLIN (101 - PREC	258.1742	10.65217	607.9558	17	0	0	0
620 FRANKLIN (201 - PREC	414.2135	9.130435	426.5657	0	0	0	0
620 FRANKLIN (301 - PREC	539.0449	0	55.81233	0	0	0	0
620 FRANKLIN (401 - PREC	448.2584	3.043478	73.75201	0	0	0	0
620 FRANKLIN (501 - PREC	482.3034	1.521739	11.95979	0	0	0	0
620 FRANKLIN (601 - PREC	383.0056	10.65217	310.9544	0	0	0	0
630 FREDERICK 101 - PREC	2572.752	78.41584	1256.153	11.44828	0	0	0
630 FREDERICK 201 - PREC	1632.793	59.40594	972.0759	25.75862	0	0	0
630 FREDERICK 301 - PREC	1632.793	61.78218	998.7081	20.03448	0	0	0
630 FREDERICK 401 - PREC	1412.145	21.38614	390.6058	8.586207	0	0	0
630 FREDERICK 402 - PREC	1266.518	19.0099	419.4574	17.17241	0	0	0
640 GALAX CIT\001 - EAST	378.7875	5.4	791.038	2	0	0	0
640 GALAX CIT\003 - SOUT	145.6875	7.2	506.0316	4	0	0	0
640 GALAX CIT\005 - WEST	252.525	5.4	540.9304	0	0	0	0
650 HAMPTON 101 - ABER	1765.34	22.1585	288.9744	10.16471	0	0	0
650 HAMPTON 102 - BASSI	2091.927	14.10086	166.3792	2.541176	0	0	0
650 HAMPTON 103 - CITY I	1372.552	42.30259	214.5416	10.16471	0	0	0
650 HAMPTON 104 - COOF	2895.157	44.317	420.3264	10.16471	0	0	0
650 HAMPTON 105 - EAST	1023.897	18.12968	205.7848	2.541176	0	0	0
650 HAMPTON 106 - ARM!	1553.499	32.23055	637.0572	7.623529	0	0	0
650 HAMPTON 107 - LIND!	1403.445	18.12968	295.542	0	0	0	0
650 HAMPTON 108 - THOM	2171.368	30.21614	243.0012	12.70588	0	0	0
650 HAMPTON 109 - PHEN	2572.983	26.18732	205.7848	12.70588	0	0	0
650 HAMPTON 110 - PHOE	506.5763	7.139535	243.7829	4.722222	0	0	0
650 HAMPTON 111 - HAMI	454.575	12.08646	249.5688	2.541176	0	0	0
650 HAMPTON 112 - SMIT!	2065.447	52.37464	768.4092	22.87059	0	0	0
650 HAMPTON 115 - WYTH	895.9099	22.1585	562.6244	7.623529	0	0	0
650 HAMPTON 116 - JONE	1045.964	18.12968	240.812	7.623529	0	0	0
650 HAMPTON 117 - KECO	1624.112	40.28818	514.462	7.623529	0	0	0
650 HAMPTON 118 - MALL	2180.194	14.10086	282.4068	20.32941	0	0	0
650 HAMPTON 201 - BOOK	1307.294	46.40698	1165.587	14.16667	0	0	0
650 HAMPTON 202 - BRYA	1315.464	42.83721	973.2269	21.25	0	0	0
650 HAMPTON 203 - BURB	1278.697	39.26744	598.0298	11.80556	0	0	0
650 HAMPTON 204 - FORR	1513.779	48.34582	610.7868	12.70588	0	0	0
650 HAMPTON 205 - ASBU	1474.791	66.0407	2064.536	11.80556	0	0	0
650 HAMPTON 208 - KRAF	2219.915	60.43228	1422.98	12.70588	0	0	0
650 HAMPTON 209 - LANG	1417.597	44.62209	851.3355	9.444444	0	0	0
650 HAMPTON 210 - MACI	2396.449	46.33141	729.0036	20.32941	0	0	0
650 HAMPTON 212 - BETH	1703.553	42.30259	753.0848	0	0	0	0
650 HAMPTON 213 - PHILL	1536.07	60.68605	1495.075	11.80556	0	0	0
650 HAMPTON 214 - TUCK	2021.314	50.36023	945.7344	7.623529	0	0	0
650 HAMPTON 215 - TYLEF	748.301	12.08646	138.4009	7.623529	0	0	0

650 HAMPTON 216 - SAND	1032.724	18.12968	573.5704	15.24706	0	0	0
650 HAMPTON 217 - SYMS	631.1089	14.10086	569.192	2.541176	0	0	0
660 HARRISONI 101 - NORT	2073.001	63.03911	784.5934	10.54545	0	0	0
660 HARRISONI 102 - EAST	869.1914	18.30168	358.3182	13.18182	0	0	0
660 HARRISONI 103 - SOUT	1868.966	50.83799	871.084	10.54545	0	0	0
660 HARRISONI 104 - EAST	1636.365	63.03911	904.0328	13.18182	0	0	0
660 HARRISONI 105 - South	685.5594	8.134078	185.337	10.54545	0	0	0
660 HARRISONI 201 - NORT	1309.908	50.83799	889.6177	21.09091	0	0	0
660 HARRISONI 202 - SOUT	1395.603	65.07263	834.0166	18.45455	0	0	0
660 HARRISONI 203 - WES	1183.406	44.73743	764.0004	18.45455	0	0	0
670 HOPEWELL 101 - WARI	558.1215	13.24719	578.8323	4.7	0	0	0
670 HOPEWELL 201 - WARI	1014.516	11.77528	200.9005	11.75	0	0	0
670 HOPEWELL 301 - WARI	585.6152	32.38202	1008.481	16.45	0	0	0
670 HOPEWELL 401 - WARI	907.2911	27.96629	771.7763	11.75	0	0	0
670 HOPEWELL 501 - WARI	569.119	16.19101	747.907	0	0	0	0
670 HOPEWELL 601 - WARI	1135.489	14.7191	248.6393	2.35	0	0	0
670 HOPEWELL 701 - WARI	659.8481	14.7191	463.4636	0	0	0	0
678 LEXINGTON 001 - LEXIN	1791	48	906	19	0	0	0
680 LYNCHBUR 101 - FIRST	1599.344	89.8951	1506.551	37.19178	0	0	0
680 LYNCHBUR 102 - FIRST	1047.009	68.91958	1637.028	14.87671	0	0	0
680 LYNCHBUR 103 - FIRST	710.1449	31.46329	937.6117	4.958904	0	0	0
680 LYNCHBUR 104 - FIRST	521.9869	17.97902	330.7433	12.39726	0	0	0
680 LYNCHBUR 105 - FIRST	740.493	28.46678	538.5957	19.83562	0	0	0
680 LYNCHBUR 201 - SECO	2288.245	62.92657	611.4199	24.79452	0	0	0
680 LYNCHBUR 202 - SECO	1902.824	35.95804	452.117	17.35616	0	0	0
680 LYNCHBUR 203 - SECO	840.6417	10.48776	174.4747	0	0	0	0
680 LYNCHBUR 204 - SECO	634.2748	11.98601	399.016	2.479452	0	0	0
680 LYNCHBUR 301 - THIRI	740.493	40.4528	470.323	4.958904	0	0	0
680 LYNCHBUR 302 - THIRI	355.0725	61.42832	1816.054	32.23288	0	0	0
680 LYNCHBUR 303 - THIRI	698.0057	44.94755	720.6562	12.39726	0	0	0
680 LYNCHBUR 304 - THIRI	652.4836	37.45629	752.5168	7.438356	0	0	0
680 LYNCHBUR 305 - THIRI	910.4422	56.93357	1599.098	24.79452	0	0	0
680 LYNCHBUR 401 - FOUR	1247.306	83.9021	2107.351	39.67123	0	0	0
680 LYNCHBUR 402 - FOUR	606.9615	25.47028	694.8643	14.87671	0	0	0
680 LYNCHBUR 403 - FOUR	1374.768	106.3759	1292.63	47.10959	0	0	0
680 LYNCHBUR 404 - FOUR	1177.505	41.95105	1055.951	44.63014	0	0	0
683 MANASSAS 001 - DEAN	2029.522	40.97561	866.9173	8.896552	0	0	0
683 MANASSAS 002 - WEEH	2219.79	63.73984	1280.097	5.931034	0	0	0
683 MANASSAS 003 - METZ	1685.228	43.25203	1201.517	14.82759	0	0	0
683 MANASSAS 004 - HAYD	1676.168	47.80488	1095.053	11.86207	0	0	0
683 MANASSAS 005 - BALD	1635.396	59.18699	884.6613	32.62069	0	0	0
683 MANASSAS 006 - ROUM	1109.895	25.04065	927.7536	11.86207	0	0	0
685 MANASSAS 001 - PREC	1345.026	28.94737	642.5675	4.857143	0	0	0
685 MANASSAS 002 - PREC	1579.568	44.73684	726.2633	7.285714	0	0	0
685 MANASSAS 003 - PREC	1067.405	26.31579	610.1692	4.857143	0	0	0
690 MARTINSV 001 - PREC	589.1698	8.111111	32.43446	0	0	0	0
690 MARTINSV 002 - PREC	686.2489	19.46667	529.0871	9.090909	0	0	0

690	MARTINSV 003 - PREC	562.3893	11.35556	281.7743	5.454545	0	0	0
690	MARTINSV 004 - PREC	893.7973	6.488889	370.9691	0	0	0	0
690	MARTINSV 005 - PREC	652.7733	25.95556	940.5993	5.454545	0	0	0
690	MARTINSV 006 - PREC	381.6213	1.622222	10.13577	0	0	0	0
700	NEWPORT 101 - DENB	2196.962	53.6783	754.9144	8.137143	0	0	0
700	NEWPORT 102 - EPES	2750.978	41.15337	518.2191	16.27429	0	0	0
700	NEWPORT 103 - JENKI	2308.402	64.41397	991.6096	18.30857	0	0	0
700	NEWPORT 104 - MCIN	1598.369	37.57481	509.2534	20.34286	0	0	0
700	NEWPORT 105 - OYST	413.9204	8.946384	206.2118	2.034286	0	0	0
700	NEWPORT 106 - RESEI	2496.258	66.20324	860.71	12.20571	0	0	0
700	NEWPORT 107 - RICHI	1595.185	50.09975	1031.059	10.17143	0	0	0
700	NEWPORT 108 - LEE H	1881.746	37.57481	595.3244	4.068571	0	0	0
700	NEWPORT 109 - WINC	1082.561	41.15337	654.4982	8.137143	0	0	0
700	NEWPORT 110 - GREE	1897.666	60.83541	631.1873	14.24	0	0	0
700	NEWPORT 201 - BLAN	458.4964	10.73566	134.4859	2.034286	0	0	0
700	NEWPORT 202 - BOUL	1174.897	50.09975	1018.507	8.137143	0	0	0
700	NEWPORT 203 - CHAR	1385.041	51.88903	1592.313	8.137143	0	0	0
700	NEWPORT 204 - WELL	834.2088	25.04988	493.1151	6.102857	0	0	0
700	NEWPORT 205 - DEEP	920.1768	55.46758	1447.069	20.34286	0	0	0
700	NEWPORT 208 - HIDEI	595.4085	8.946384	896.5729	10.17143	0	0	0
700	NEWPORT 209 - HILTC	923.3608	60.83541	907.3318	16.27429	0	0	0
700	NEWPORT 210 - NELS	1649.313	67.99252	1597.693	16.27429	0	0	0
700	NEWPORT 211 - PALM	1607.203	43.15337	756.8801	12.20571	0	0	0
700	NEWPORT 212 - RIVEF	678.1926	50.09975	758.5007	2.034286	0	0	0
700	NEWPORT 213 - SANF	426.6564	25.04988	683.1886	4.068571	0	0	0
700	NEWPORT 215 - WAR	818.2887	25.04988	480.5631	6.102857	0	0	0
700	NEWPORT 216 - YATE	538.0965	30.41771	668.8434	2.034286	0	0	0
700	NEWPORT 217 - RIVEF	754.6087	21.47132	962.9193	6.102857	0	0	0
700	NEWPORT 218 - KILN	1315.096	54.6783	1084.506	16.27429	0	0	0
700	NEWPORT 219 - DEER	1954.978	41.15337	537.9437	26.44571	0	0	0
700	NEWPORT 302 - BRIAF	1404.145	26.83915	360.4223	4.068571	0	0	0
700	NEWPORT 303 - CARV	961.5689	12.52494	301.2485	6.102857	0	0	0
700	NEWPORT 304 - CHES	980.6729	3.578554	39.44921	2.034286	0	0	0
700	NEWPORT 305 - DOW	413.9204	12.52494	104.0025	2.034286	0	0	0
700	NEWPORT 306 - DUNE	433.0244	5.36783	19.7246	0	0	0	0
700	NEWPORT 307 - HUNT	913.8088	1.789277	19.7246	4.068571	0	0	0
700	NEWPORT 308 - JEFFE	875.6008	1.789277	30.48348	0	0	0	0
700	NEWPORT 309 - MAG	862.8648	7.157107	32.27662	2.034286	0	0	0
700	NEWPORT 310 - MAR	1111.217	12.52494	46.62179	10.17143	0	0	0
700	NEWPORT 311 - NEW	1502.849	23.2606	484.1494	6.102857	0	0	0
700	NEWPORT 312 - NEW	569.9365	5.36783	12.55202	0	0	0	0
700	NEWPORT 313 - REED	1391.409	10.73566	57.38067	2.034286	0	0	0
700	NEWPORT 314 - RIVEF	684.5606	37.57481	399.8715	4.068571	0	0	0
700	NEWPORT 315 - SEDG	1034.801	35.78554	785.3979	6.102857	0	0	0
700	NEWPORT 316 - SOUT	1241.761	32.20698	475.1836	4.068571	0	0	0
700	NEWPORT 317 - WAS	499.8885	5.36783	12.55202	2.034286	0	0	0
700	NEWPORT 318 - WILS	904.2568	12.52494	66.3464	6.102857	0	0	0

700 NEWPORT 319 - SAUN	1442.353	37.57481	932.4358	4.068571	0	0	0
700 NEWPORT 320 - WATI	1614.289	69.7818	1423.758	14.24	0	0	0
710 NORFOLK (101 - GRAN	1816.384	55.70122	607.3208	15.57252	0	0	0
710 NORFOLK (102 - OCEA	595.7702	30.22222	543.3195	11.71642	0	0	0
710 NORFOLK (103 - NORI	940.146	47.22222	762.2107	11.71642	0	0	0
710 NORFOLK (104 - TITUS	1197.811	17	176.1457	7.029851	0	0	0
710 NORFOLK (106 - SECO	1439.491	35.88889	598.0423	14.0597	0	0	0
710 NORFOLK (201 - LARC	1314.207	34.57317	563.6436	10.38168	0	0	0
710 NORFOLK (203 - GHEN	573.4076	28.81098	266.2228	10.38168	0	0	0
710 NORFOLK (207 - LAME	1933.915	32.65244	259.9832	23.35878	0	0	0
710 NORFOLK (208 - LARC	452.3153	32.65244	405.5738	5.19084	0	0	0
710 NORFOLK (210 - MAU	1118.323	42.2561	386.855	7.78626	0	0	0
710 NORFOLK (211 - CHRY	1307.084	49.93902	551.1644	10.38168	0	0	0
710 NORFOLK (212 - PARK	1784.33	23.04878	151.8302	18.16794	0	0	0
710 NORFOLK (213 - TAYL	1631.184	69.14634	426.3725	25.9542	0	0	0
710 NORFOLK (214 - STUA	1207.361	28.81098	488.7684	10.38168	0	0	0
710 NORFOLK (215 - SUBU	933.2585	30.22222	664.4914	2.343284	0	0	0
710 NORFOLK (217 - WESL	1436.047	49.11111	521.8212	7.029851	0	0	0
710 NORFOLK (218 - WILL	1079.146	46.09756	840.2657	12.9771	0	0	0
710 NORFOLK (301 - BALL	1535.023	17.28659	270.3825	18.16794	0	0	0
710 NORFOLK (302 - TANN	1143.254	24.96951	257.9033	0	0	0	0
710 NORFOLK (303 - BROA	1819.946	9.603659	101.9134	15.57252	0	0	0
710 NORFOLK (304 - COLE	1125.446	19.20732	205.9067	7.78626	0	0	0
710 NORFOLK (305 - LAFA	1125.446	24.96951	334.8584	0	0	0	0
710 NORFOLK (306 - LIND	1346.261	19.20732	108.153	15.57252	0	0	0
710 NORFOLK (309 - NOR	2514.446	63.38415	634.359	20.76336	0	0	0
710 NORFOLK (310 - ROSE	2646.223	19.20732	214.2262	12.9771	0	0	0
710 NORFOLK (311 - SHER	2386.23	88.35366	1044.093	18.16794	0	0	0
710 NORFOLK (313 - UNIO	1285.715	11.52439	54.07651	0	0	0	0
710 NORFOLK (402 - BERK	1296.4	3.841463	62.39597	2.59542	0	0	0
710 NORFOLK (404 - CAMI	1901.861	19.20732	87.35436	2.59542	0	0	0
710 NORFOLK (405 - CHES	1859.123	7.682927	106.0731	7.78626	0	0	0
710 NORFOLK (406 - BARR	798.9519	18.88889	510.0949	2.343284	0	0	0
710 NORFOLK (408 - EAST	1150.377	26.89024	817.3872	7.78626	0	0	0
710 NORFOLK (409 - FAIRL	901.0691	24.96951	619.8	20.76336	0	0	0
710 NORFOLK (411 - RUFF	1339.138	17.28659	45.75704	10.38168	0	0	0
710 NORFOLK (412 - INGL	1542.146	23.04878	232.945	7.78626	0	0	0
710 NORFOLK (413 - POPL	1695.292	30.73171	324.459	15.57252	0	0	0
710 NORFOLK (414 - YOUN	2012.269	13.44512	89.43422	2.59542	0	0	0
710 NORFOLK (415 - LAKE	1111.2	36.4939	582.3624	2.59542	0	0	0
710 NORFOLK (501 - BAYV	1095.115	62.33333	986.9652	7.029851	0	0	0
710 NORFOLK (503 - EAST	1208.759	35.88889	940.0599	4.686567	0	0	0
710 NORFOLK (504 - LARR	1098.559	24.55556	611.723	11.71642	0	0	0
710 NORFOLK (505 - LITTL	888.4896	45.33333	775.8914	9.373134	0	0	0
710 NORFOLK (506 - OCEA	1484.26	47.22222	760.2564	16.40299	0	0	0
710 NORFOLK (507 - PRETI	1033.127	51	689.8984	18.74627	0	0	0
710 NORFOLK (509 - TARR	919.4834	41.55556	1168.723	9.373134	0	0	0

710 NORFOLK C 510 - THIRI	1225.978	75.55556	1190.221	9.373134	0	0	0
710 NORFOLK C 511 - CROS	1480.816	43.44444	865.7932	11.71642	0	0	0
710 NORFOLK C 512 - AZAL	709.4142	7.555556	535.5019	2.343284	0	0	0
720 NORTON C 001 - EAST	464	21	1109	7	0	0	0
730 PETERSBUF 101 - FIRST	1604.743	12.81356	200.4784	5.942857	0	0	0
730 PETERSBUF 201 - SECO	2298.858	29.28814	220.306	14.85714	0	0	0
730 PETERSBUF 301 - THIRI	1748.024	21.9661	429.5967	13.37143	0	0	0
730 PETERSBUF 401 - FOUR	1502.855	20.13559	312.8345	5.942857	0	0	0
730 PETERSBUF 501 - FIFTH	1700.264	14.64407	154.2142	4.457143	0	0	0
730 PETERSBUF 601 - SIXTH	1767.128	9.152542	68.29485	5.942857	0	0	0
730 PETERSBUF 701 - SEVEI	1767.128	0	198.2754	1.485714	0	0	0
735 POQUOSOIO001 - CENT	622.125	30.14493	1589.587	17.73333	0	0	0
735 POQUOSOIO002 - EASTI	725.8125	69.56522	2264.917	5.066667	0	0	0
735 POQUOSOIO003 - WEST	706.0625	60.28986	1750.496	15.2	0	0	0
740 PORTSMOI 001 - EMAI	1044.396	34.35421	344.6477	8.495146	0	0	0
740 PORTSMOI 005 - HAMI	1047.219	10.93089	33.40198	1.699029	0	0	0
740 PORTSMOI 007- PARK	807.29	15.61555	211.0398	5.097087	0	0	0
740 PORTSMOI 009 - THIRI	1131.9	23.42333	173.083	5.097087	0	0	0
740 PORTSMOI 010 - PORT	640.7512	26.54644	309.7274	3.398058	0	0	0
740 PORTSMOI 011 - JOSEF	1439.573	10.93089	27.32889	0	0	0	0
740 PORTSMOI 013 - ST. M	810.1127	9.36933	28.84716	1.699029	0	0	0
740 PORTSMOI 014 - BRIGI	1216.58	4.684665	40.99333	5.097087	0	0	0
740 PORTSMOI 016 - CRAD	1177.063	35.91577	358.3121	3.398058	0	0	0
740 PORTSMOI 017 - VICTC	1157.304	24.98488	426.6343	6.796117	0	0	0
740 PORTSMOI 019 - VICTC	561.7158	20.30022	361.3486	22.08738	0	0	0
740 PORTSMOI 020 - NOBL	1117.786	18.73866	279.362	6.796117	0	0	0
740 PORTSMOI 021 - JOHN	863.7439	3.12311	39.47506	5.097087	0	0	0
740 PORTSMOI 022 - ST. M	925.8431	24.98488	584.5346	6.796117	0	0	0
740 PORTSMOI 023 - WEST	589.9427	42.16199	873.0062	6.796117	0	0	0
740 PORTSMOI 024 - THE S	663.3327	17.17711	302.1361	5.097087	0	0	0
740 PORTSMOI 025 - JOHN	835.517	17.17711	561.7605	1.699029	0	0	0
740 PORTSMOI 026 - WILLI	1360.538	6.24622	34.92025	1.699029	0	0	0
740 PORTSMOI 027 - CAVA	1289.97	7.807775	47.06642	3.398058	0	0	0
740 PORTSMOI 028 - LAKE	1507.318	6.24622	44.02988	6.796117	0	0	0
740 PORTSMOI 029 - WOO	347.1912	24.98488	620.9731	3.398058	0	0	0
740 PORTSMOI 030 - THE F	575.8293	32.79266	961.0659	1.699029	0	0	0
740 PORTSMOI 031 - WEST	1563.772	39.03888	803.1657	1.699029	0	0	0
740 PORTSMOI 032 - HODC	397.9996	20.30022	622.4914	3.398058	0	0	0
740 PORTSMOI 033- PINEC	392.3543	29.66955	791.0195	3.398058	0	0	0
740 PORTSMOI 034- CHUR	465.7443	32.79266	634.6375	3.398058	0	0	0
740 PORTSMOI 035 - CHUF	776.2404	34.35421	786.4647	16.99029	0	0	0
740 PORTSMOI 036 - CHUF	1295.616	37.47732	1088.601	10.19417	0	0	0
740 PORTSMOI 037 - CHUF	1481.914	46.84665	614.9	8.495146	0	0	0
740 PORTSMOI 038 - GROV	2229.927	34.35421	268.7341	13.59223	0	0	0
740 PORTSMOI 039 - CHUF	1233.517	29.66955	481.2921	1.699029	0	0	0
750 RADFORD C 001 - EAST	903.8232	34.87342	599.8294	7.294118	0	0	0
750 RADFORD C 002 - CENT	646.5305	33.03797	746.9573	7.294118	0	0	0

750 RADFORD (003 - WEST	821.3576	55.06329	1024.237	7.294118	0	0	0
750 RADFORD (004 - NEW	986.2888	22.02532	414.9763	9.117647	0	0	0
760 RICHMOND 101 - ONE I	914.8225	15.88622	248.11	13.36193	0	0	0
760 RICHMOND 102 - ONE I	619.8254	26.47704	446.2276	13.36193	0	0	0
760 RICHMOND 104 - ONE I	994.3723	15.88622	744.3299	17.17962	0	0	0
760 RICHMOND 105 - ONE I	984.4286	35.30271	483.2589	13.36193	0	0	0
760 RICHMOND 106 - ONE I	593.3088	35.30271	896.1584	17.17962	0	0	0
760 RICHMOND 111 - ONE I	871.7331	15.88622	536.9544	3.817694	0	0	0
760 RICHMOND 112 - ONE I	696.0606	22.94676	372.1649	11.45308	0	0	0
760 RICHMOND 113 - ONE I	1637.4	47.65866	335.1336	15.27078	0	0	0
760 RICHMOND 114 - ONE I	1551.221	38.83299	398.0869	17.17962	0	0	0
760 RICHMOND 115 - ONE I	759.0375	30.00731	566.5795	7.635389	0	0	0
760 RICHMOND 203 - TWO	457.4113	15.88622	140.7191	9.544236	0	0	0
760 RICHMOND 204 - TWO	1431.896	19.41649	316.6179	28.63271	0	0	0
760 RICHMOND 206 - TWO	818.6999	15.88622	70.35954	15.27078	0	0	0
760 RICHMOND 207 - TWO	1471.671	49.4238	331.4305	7.635389	0	0	0
760 RICHMOND 208 - TWO	1262.853	30.00731	288.8444	24.81501	0	0	0
760 RICHMOND 213 - TWO	2621.828	44.12839	142.5706	28.63271	0	0	0
760 RICHMOND 214 - TWO	1478.3	19.41649	109.2424	1.908847	0	0	0
760 RICHMOND 215 - TWO	1027.518	33.53758	248.11	1.908847	0	0	0
760 RICHMOND 301 - THRE	1080.551	7.060543	38.8829	5.726542	0	0	0
760 RICHMOND 302 - THRE	752.4084	8.825678	105.5393	3.817694	0	0	0
760 RICHMOND 303 - THRE	921.4517	3.530271	42.58604	3.817694	0	0	0
760 RICHMOND 304 - THRE	1448.469	14.12109	44.4376	9.544236	0	0	0
760 RICHMOND 305 - THRE	1332.459	31.77244	99.98461	3.817694	0	0	0
760 RICHMOND 306 - THRE	1050.72	19.41649	53.69544	15.27078	0	0	0
760 RICHMOND 307 - THRE	672.8586	24.7119	199.9692	19.08847	0	0	0
760 RICHMOND 308 - THRE	739.1501	17.65136	244.4068	13.36193	0	0	0
760 RICHMOND 309 - THRE	679.4878	0	286.9929	1.908847	0	0	0
760 RICHMOND 310 - THRE	884.9914	8.825678	9.257834	1.908847	0	0	0
760 RICHMOND 402 - FOUR	1590.996	72.37056	551.7669	15.27078	0	0	0
760 RICHMOND 404 - FOUR	1577.737	28.24217	412.8994	13.36193	0	0	0
760 RICHMOND 409 - FOUR	782.2396	24.7119	636.939	5.726542	0	0	0
760 RICHMOND 410 - FOUR	1382.178	33.53758	429.5635	13.36193	0	0	0
760 RICHMOND 412 - FOUR	1412.009	30.00731	312.9148	17.17962	0	0	0
760 RICHMOND 413 - FOUR	742.4647	19.41649	399.9384	7.635389	0	0	0
760 RICHMOND 414 - FOUR	881.6768	21.18163	585.0951	7.635389	0	0	0
760 RICHMOND 415 - FOUR	702.6898	22.94676	518.4387	5.726542	0	0	0
760 RICHMOND 501 - FIVE I	1610.883	47.65866	275.8835	15.27078	0	0	0
760 RICHMOND 503 - FIVE I	1955.599	40.59812	181.4536	7.635389	0	0	0
760 RICHMOND 504 - FIVE I	2439.527	52.95407	248.11	19.08847	0	0	0
760 RICHMOND 505 - FIVE I	1289.369	21.18163	151.8285	7.635389	0	0	0
760 RICHMOND 508 - FIVE I	987.7432	24.7119	196.2661	11.45308	0	0	0
760 RICHMOND 509 - FIVE I	1697.062	15.88622	101.8362	1.908847	0	0	0
760 RICHMOND 510 - FIVE I	1942.341	38.83299	168.4926	1.908847	0	0	0
760 RICHMOND 602 - SIX H	1531.333	26.47704	44.4376	5.726542	0	0	0
760 RICHMOND 603 - SIX H	1663.916	10.59081	70.35954	9.544236	0	0	0

760 RICHMOND 604 - SIX H	1312.571	14.12109	64.80484	15.27078	0	0	0
760 RICHMOND 606 - SIX H	1766.668	21.18163	77.76581	1.908847	0	0	0
760 RICHMOND 607 - SIX H	1272.797	21.18163	231.4459	13.36193	0	0	0
760 RICHMOND 609 - SIX H	2714.636	49.4238	303.657	11.45308	0	0	0
760 RICHMOND 610 - SIX H	1597.625	7.060543	59.25014	9.544236	0	0	0
760 RICHMOND 701 - SEVEI	1819.701	12.35595	55.54701	1.908847	0	0	0
760 RICHMOND 702 - SEVEI	1395.436	10.59081	64.80484	11.45308	0	0	0
760 RICHMOND 703 - SEVEI	1826.331	26.47704	99.98461	24.81501	0	0	0
760 RICHMOND 705 - SEVEI	1130.27	28.24217	124.055	11.45308	0	0	0
760 RICHMOND 706 - SEVEI	2578.739	31.77244	162.9379	1.908847	0	0	0
760 RICHMOND 707 - SEVEI	1839.589	42.36326	274.0319	9.544236	0	0	0
760 RICHMOND 708 - SEVEI	2167.732	75.90084	329.5789	20.99732	0	0	0
760 RICHMOND 802 - EIGH	1465.042	8.825678	74.06267	11.45308	0	0	0
760 RICHMOND 806 - EIGH	1256.224	15.88622	140.7191	3.817694	0	0	0
760 RICHMOND 810 - EIGH	1123.641	5.295407	144.4222	13.36193	0	0	0
760 RICHMOND 811 - EIGH	1776.612	15.88622	122.2034	9.544236	0	0	0
760 RICHMOND 812 - EIGH	1809.758	19.41649	277.735	3.817694	0	0	0
760 RICHMOND 814 - EIGH	1047.406	7.060543	88.87521	1.908847	0	0	0
760 RICHMOND 902 - NINE	629.7691	1.765136	77.76581	1.908847	0	0	0
760 RICHMOND 903 - NINE	1584.367	26.47704	181.4536	5.726542	0	0	0
760 RICHMOND 908 - NINE	1537.963	17.65136	120.3518	3.817694	0	0	0
760 RICHMOND 909 - NINE	1640.714	19.41649	201.8208	17.17962	0	0	0
760 RICHMOND 910 - NINE	1557.85	14.12109	161.0863	11.45308	0	0	0
760 RICHMOND 911 - NINE	1378.863	19.41649	77.76581	1.908847	0	0	0
770 ROANOKE 001 - Peters	1383.745	25.35664	397.3269	2.075	0	0	0
770 ROANOKE 002 - Grant	1363.154	39.84615	701.282	10.375	0	0	0
770 ROANOKE 003 - Prestc	1198.422	48.9021	1060.863	6.225	0	0	0
770 ROANOKE 004 - Willia	1289.025	23.54545	834.3865	12.45	0	0	0
770 ROANOKE 005 - East C	798.9482	39.84615	1189.994	2.075	0	0	0
770 ROANOKE 006 - Hollir	1140.766	38.03497	888.0256	2.075	0	0	0
770 ROANOKE 007 - South	938.97	38.03497	951.5979	8.3	0	0	0
770 ROANOKE 008 - Linco	1602.015	21.73427	127.1446	6.225	0	0	0
770 ROANOKE 009 - Highl	1812.047	41.65734	530.4314	18.675	0	0	0
770 ROANOKE 010 - Old S	1692.617	61.58042	788.6939	8.3	0	0	0
770 ROANOKE 011 - RALEI	1424.928	48.9021	929.7449	18.675	0	0	0
770 ROANOKE 012 - SOUT	893.6688	45.27972	808.5602	14.525	0	0	0
770 ROANOKE 013 - GARC	1074.874	65.2028	1338.992	4.15	0	0	0
770 ROANOKE 014 - Cryst	1033.691	27.16783	917.8251	2.075	0	0	0
770 ROANOKE 015 - Grant	1144.884	34.41259	820.48	10.375	0	0	0
770 ROANOKE 016 - Deye	745.4104	25.35664	1042.983	8.3	0	0	0
770 ROANOKE 017 - LEE-H	1717.327	70.63636	1005.237	14.525	0	0	0
770 ROANOKE 018 - Sumn	1470.229	43.46853	850.2795	4.15	0	0	0
770 ROANOKE 019 - Fores	2005.607	14.48951	224.4897	8.3	0	0	0
770 ROANOKE 020 - EURE	2042.672	23.54545	198.6634	4.15	0	0	0
775 SALEM CITY 001 - NORI	497.1245	25.76577	686.4447	0	0	0	0
775 SALEM CITY 002 - CONE	579.9785	25.76577	657.9508	0	0	0	0
775 SALEM CITY 003 - BEVE	270.6567	11.89189	468.8547	0	0	0	0

775 SALEM CIT'004 - WEST	397.6996	17.83784	712.3483	0	0	0	0
775 SALEM CIT'005 - NOR	707.0215	29.72973	1069.818	0	0	0	0
775 SALEM CIT'006 - SOUT	519.2189	25.76577	761.5651	0	0	0	0
775 SALEM CIT'007 - SOUT	635.2146	21.8018	888.4926	0	0	0	0
775 SALEM CIT'008 - EAST	375.6052	17.83784	375.6018	0	0	0	0
775 SALEM CIT'009 - SOUT	480.5536	23.78378	945.4804	0	0	0	0
775 SALEM CIT'010 - HIDD	684.927	19.81982	1116.444	0	0	0	0
790 STAUNTON 101 - WARI	1718.122	45.816	1362.794	11.65217	0	0	0
790 STAUNTON 201 - WARI	1675.922	73.704	1539.13	17.47826	0	0	0
790 STAUNTON 301 - WARI	1193.642	59.76	1132.034	8.73913	0	0	0
790 STAUNTON 401 - WARI	1048.959	29.88	907.8039	5.826087	0	0	0
790 STAUNTON 501 - WARI	1344.355	39.84	753.2378	23.30435	0	0	0
800 SUFFOLK C 101 - BELLE	1268.844	25.06439	460.3813	6.646154	0	0	0
800 SUFFOLK C 102 - DRIV	1222.564	73.26515	2087.191	11.63077	0	0	0
800 SUFFOLK C 104 - BENN	1261.13	59.76894	1090.988	8.307692	0	0	0
800 SUFFOLK C 201 - EBEN	809.9003	21.20833	1408.225	3.323077	0	0	0
800 SUFFOLK C 202 - CHUC	790.6169	21.20833	1162.559	8.307692	0	0	0
800 SUFFOLK C 203 - KING'	1295.84	26.99242	655.7531	3.323077	0	0	0
800 SUFFOLK C 204 - HILLP	1222.564	19.2803	706.0469	9.969231	0	0	0
800 SUFFOLK C 301 - WHIT	340.8223	11.12069	193.8548	2.47619	0	0	0
800 SUFFOLK C 302 - JOHN	2039.878	24.54232	353.8838	11.59853	0	0	0
800 SUFFOLK C 304 - NANS	1261.13	40.48864	738.9313	6.646154	0	0	0
800 SUFFOLK C 305 - SHOL	474.3702	17.35227	371.4	0	0	0	0
800 SUFFOLK C 401 - AIRPC	370.1404	20.38793	661.7159	4.952381	0	0	0
800 SUFFOLK C 402 - WHA	538.7192	14.82759	1219.048	7.428571	0	0	0
800 SUFFOLK C 403 - SOUT	1154.398	11.12069	89.47144	4.952381	0	0	0
800 SUFFOLK C 404 - BOOK	1792.86	15.05133	77.76087	0	0	0	0
800 SUFFOLK C 405 - PITTN	282.1862	5.560345	382.1176	2.47619	0	0	0
800 SUFFOLK C 501 - KILBY	769.5989	25.94828	1209.728	2.47619	0	0	0
800 SUFFOLK C 502 - HOLL	985.8195	37.06897	1731.645	7.428571	0	0	0
800 SUFFOLK C 504 - LAKE	736.3873	26.02286	1506.744	6.613919	0	0	0
800 SUFFOLK C 601 - LAKE'	1319.312	22.24138	618.8441	4.952381	0	0	0
800 SUFFOLK C 602 - OLDE	620.3478	15.27508	174.0938	1.661538	0	0	0
800 SUFFOLK C 603 - ELEPH	362.8109	16.68103	318.742	4.952381	0	0	0
800 SUFFOLK C 604 - WILR	601.6402	36.63258	669.2938	11.63077	0	0	0
800 SUFFOLK C 605 - HOLL	1249.56	3.856061	34.81875	1.661538	0	0	0
800 SUFFOLK C 702 - HARB	1345.977	34.70455	957.5156	3.323077	0	0	0
800 SUFFOLK C 704 - BURB	1750.927	67.48106	806.6344	14.95385	0	0	0
800 SUFFOLK C 706 - HUNT	2807.654	30.84848	394.6125	8.307692	0	0	0
810 VIRGINIA B 001 - NOR	1070.191	20.17419	1702.964	12.03509	0	0	0
810 VIRGINIA B 002 - SOUT	1484.352	53.79784	1253.851	12.03509	0	0	0
810 VIRGINIA B 003 - OCEA	914.4667	38.6672	1010.047	2.005848	0	0	0
810 VIRGINIA B 004 - LINK	881.3338	28.5801	1176.86	8.023392	0	0	0
810 VIRGINIA B 005 - SEAT	1636.763	48.75429	980.7167	2.005848	0	0	0
810 VIRGINIA B 006 - ALAN	722.2961	23.53656	1105.369	10.02924	0	0	0
810 VIRGINIA B 007 - KING'	765.3688	28.5801	958.7193	12.03509	0	0	0
810 VIRGINIA B 008 - LONG	1534.051	60.52257	1395.001	22.06433	0	0	0

810 VIRGINIA B 009 - TRAN	679.2234	15.13064	1112.701	18.05263	0	0	0
810 VIRGINIA B 010 - GRE	483.7396	36.98602	1103.535	10.02924	0	0	0
810 VIRGINIA B 011 - CAPE	1050.311	31.94247	1244.685	10.02924	0	0	0
810 VIRGINIA B 012 - PLAZ	1769.294	70.60967	1070.539	12.03509	0	0	0
810 VIRGINIA B 013 - MT TI	1527.424	79.01558	1470.158	20.05848	0	0	0
810 VIRGINIA B 014 - MALI	1457.845	72.29085	1552.649	10.02924	0	0	0
810 VIRGINIA B 015 - OLD I	1063.564	63.88494	964.2186	20.05848	0	0	0
810 VIRGINIA B 016 - ARAG	1709.655	82.37795	1587.478	18.05263	0	0	0
810 VIRGINIA B 017 - OCEA	473.7998	36.98602	722.2474	6.017544	0	0	0
810 VIRGINIA B 018 - THOR	868.0807	31.94247	1145.697	16.04678	0	0	0
810 VIRGINIA B 019 - LAKE	669.2836	35.30483	843.233	4.011696	0	0	0
810 VIRGINIA B 020 - BAYS	904.5268	26.89892	1028.378	4.011696	0	0	0
810 VIRGINIA B 021 - DAVI	1905.139	40.34838	518.7716	20.05848	0	0	0
810 VIRGINIA B 022 - POIN	1090.071	57.16021	1178.693	6.017544	0	0	0
810 VIRGINIA B 023 - ARRC	1394.893	63.88494	1504.988	10.02924	0	0	0
810 VIRGINIA B 024 - LARK	1116.577	42.02956	828.5681	8.023392	0	0	0
810 VIRGINIA B 025 - AVAL	1769.294	52.11666	1653.47	8.023392	0	0	0
810 VIRGINIA B 026 - FAIRF	901.2135	42.02956	1145.697	2.005848	0	0	0
810 VIRGINIA B 027 - EDWI	1013.865	47.07311	1268.516	16.04678	0	0	0
810 VIRGINIA B 028 - THAL	967.4792	38.6672	1044.876	12.03509	0	0	0
810 VIRGINIA B 029 - HOLL	1706.342	48.75429	922.057	2.005848	0	0	0
810 VIRGINIA B 030 - RED \	699.1031	38.6672	931.2226	6.017544	0	0	0
810 VIRGINIA B 031 - SIGM	891.2737	23.53656	1790.954	14.04094	0	0	0
810 VIRGINIA B 032 - CREE	540.0655	25.21774	1398.667	8.023392	0	0	0
810 VIRGINIA B 033 - CAPP	420.7872	21.85537	1466.492	2.005848	0	0	0
810 VIRGINIA B 034 - BLAC	341.2684	13.44946	942.2213	2.005848	0	0	0
810 VIRGINIA B 035 - COUF	480.4263	16.81183	969.718	4.011696	0	0	0
810 VIRGINIA B 036 - WINC	1848.813	43.71075	1138.365	20.05848	0	0	0
810 VIRGINIA B 037 - CHES	1106.637	53.79784	953.2199	12.03509	0	0	0
810 VIRGINIA B 038 - WITC	679.2234	36.98602	1138.365	10.02924	0	0	0
810 VIRGINIA B 039 - PEME	1656.642	70.60967	1248.352	14.04094	0	0	0
810 VIRGINIA B 040 - BONN	1457.845	57.16021	1105.369	2.005848	0	0	0
810 VIRGINIA B 041 - COLLI	2418.698	38.6672	659.9215	22.06433	0	0	0
810 VIRGINIA B 042 - BRAN	1497.605	60.52257	1132.865	16.04678	0	0	0
810 VIRGINIA B 043 - BELL	1719.595	50.43548	810.237	12.03509	0	0	0
810 VIRGINIA B 044 - CENT	1358.447	50.43548	1378.503	8.023392	0	0	0
810 VIRGINIA B 045 - TIMB	1805.74	36.98602	711.2487	14.04094	0	0	0
810 VIRGINIA B 046 - GREE	1540.678	31.94247	768.0753	4.011696	0	0	0
810 VIRGINIA B 047 - KING	1007.239	35.30483	1616.808	24.07018	0	0	0
810 VIRGINIA B 048 - WOLI	1050.311	43.71075	1176.86	4.011696	0	0	0
810 VIRGINIA B 049 - LYNN	745.4891	21.85537	1044.876	4.011696	0	0	0
810 VIRGINIA B 050 - OCEA	1504.231	31.94247	637.9241	6.017544	0	0	0
810 VIRGINIA B 051 - STRA	997.2988	72.29085	1043.043	10.02924	0	0	0
810 VIRGINIA B 052 - HOM	1351.82	58.84139	1237.353	10.02924	0	0	0
810 VIRGINIA B 053 - SHAN	881.3338	43.71075	934.8888	8.023392	0	0	0
810 VIRGINIA B 054 - CROM	960.8526	42.02956	740.5786	8.023392	0	0	0
810 VIRGINIA B 055 - MAG	2001.224	68.92849	918.3908	10.02924	0	0	0

810 VIRGINIA B 056 - EDINI	745.4891	15.13064	793.7389	8.023392	0	0	0
810 VIRGINIA B 057 - SHER	738.8625	21.85537	846.8993	6.017544	0	0	0
810 VIRGINIA B 058 - GLEN	1341.88	52.11666	1213.522	8.023392	0	0	0
810 VIRGINIA B 059 - SHEL	1023.805	45.39193	850.5655	12.03509	0	0	0
810 VIRGINIA B 060 - FOXF	924.4065	43.71075	1776.289	14.04094	0	0	0
810 VIRGINIA B 061 - BAKE	2759.966	48.75429	366.6231	6.017544	0	0	0
810 VIRGINIA B 062 - LAND	1328.627	33.62365	1492.156	10.02924	0	0	0
810 VIRGINIA B 063 - CULV	1308.748	67.2473	1635.139	12.03509	0	0	0
810 VIRGINIA B 064 - ROSE	1106.637	52.11666	984.3829	12.03509	0	0	0
810 VIRGINIA B 065 - COLO	1461.159	35.30483	1213.522	26.07602	0	0	0
810 VIRGINIA B 066 - HUN	818.3814	47.07311	1316.177	10.02924	0	0	0
810 VIRGINIA B 067 - EASTI	1023.805	13.44946	566.4326	8.023392	0	0	0
810 VIRGINIA B 068 - MAN	1116.577	47.07311	1200.691	8.023392	0	0	0
810 VIRGINIA B 069 - SHEL	1252.422	30.26129	456.4457	10.02924	0	0	0
810 VIRGINIA B 070 - CORP	1457.845	65.56612	1378.503	10.02924	0	0	0
810 VIRGINIA B 071 - ROU	672.5969	26.89892	566.4326	12.03509	0	0	0
810 VIRGINIA B 072 - RUDE	801.815	42.02956	1345.507	12.03509	0	0	0
810 VIRGINIA B 073 - DAHL	1507.545	55.47903	731.413	16.04678	0	0	0
810 VIRGINIA B 074 - BUCK	1404.833	36.98602	716.7481	16.04678	0	0	0
810 VIRGINIA B 075 - COLO	765.3688	42.02956	1389.501	4.011696	0	0	0
810 VIRGINIA B 076 - VILLA	1696.402	62.20376	658.0884	14.04094	0	0	0
810 VIRGINIA B 077 - BROC	1474.412	60.52257	1173.194	10.02924	0	0	0
810 VIRGINIA B 078 - INDIA	1066.878	57.16021	856.0648	18.05263	0	0	0
810 VIRGINIA B 079 - PLEA	1676.522	35.30483	669.0871	12.03509	0	0	0
810 VIRGINIA B 080 - CHIM	1650.016	42.02956	707.5825	20.05848	0	0	0
810 VIRGINIA B 081 - ROCK	1451.219	47.07311	1048.542	4.011696	0	0	0
810 VIRGINIA B 082 - SHEL	891.2737	21.85537	1195.191	6.017544	0	0	0
810 VIRGINIA B 083 - STRA	1196.096	47.07311	1614.975	14.04094	0	0	0
810 VIRGINIA B 084 - TALL	1534.051	36.98602	865.2304	12.03509	0	0	0
810 VIRGINIA B 085 - UPTC	1023.805	55.47903	1611.308	12.03509	0	0	0
810 VIRGINIA B 086 - HAYG	808.4415	26.89892	1002.714	8.023392	0	0	0
810 VIRGINIA B 087 - HILLC	801.815	33.62365	1026.545	12.03509	0	0	0
810 VIRGINIA B 088 - NOR	934.3464	35.30483	1099.869	12.03509	0	0	0
810 VIRGINIA B 089 - LAKE	904.5268	33.62365	1120.033	10.02924	0	0	0
810 VIRGINIA B 090 - LAKE	718.9828	38.6672	890.894	10.02924	0	0	0
810 VIRGINIA B 091 - LEXIN	1477.725	40.34838	817.5694	2.005848	0	0	0
810 VIRGINIA B 092 - LITTL	934.3464	48.75429	1167.694	6.017544	0	0	0
810 VIRGINIA B 093 - NEW	2534.663	42.02956	333.627	10.02924	0	0	0
810 VIRGINIA B 094 - PINE	762.0555	23.53656	689.2513	6.017544	0	0	0
810 VIRGINIA B 095 - DAM	758.7423	31.94247	955.0531	4.011696	0	0	0
810 VIRGINIA B 096 - HILLT	1394.893	36.98602	652.589	10.02924	0	0	0
810 VIRGINIA B 097 - INDIA	1388.266	36.98602	806.5707	12.03509	0	0	0
810 VIRGINIA B 098 - INDEI	950.9128	40.34838	432.6152	6.017544	0	0	0
810 VIRGINIA B 099 - SALEI	914.4667	31.94247	582.9307	8.023392	0	0	0
810 VIRGINIA B 100 - SAND	394.2809	11.76828	879.8953	2.005848	0	0	0
820 WAYNESBC 001 - WARI	1129.689	49.85321	1132.929	2.105263	0	0	0
820 WAYNESBC 002 - WARI	1173.476	53.68807	1427.196	21.05263	0	0	0

820 WAYNESBC 003 - WARI	1405.544	46.01835	1298.979	8.421053	0	0	0
820 WAYNESBC 004 - WARI	1252.291	59.44037	1647.896	8.421053	0	0	0
830 WILLIAMSE 001 - STRYI	2803.578	54.7027	1279.94	24.23077	0	0	0
830 WILLIAMSE 002 - MATC	1986.422	37.2973	683.0602	20.76923	0	0	0
840 WINCHEST 101 - MERF	937.8445	22.74757	951.6759	11.5	814.7555	1052.856	0
840 WINCHEST 102 - OLD 1	694.3656	39.29126	674.1038	28.75	598.0652	766.7538	25.77778
840 WINCHEST 201 - VIRGI	1636.719	51.69903	828.3105	2.875	1547.169	904.0829	0
840 WINCHEST 301 - WAR	1483.417	37.2233	1072.838	5.75	1378.15	1146.698	0
840 WINCHEST 401 - FRED	852.176	31.01942	632.2477	5.75	840.7583	656.8906	1.611111
840 WINCHEST 402 - ROLL	1005.477	31.01942	1061.824	14.375	936.1021	1162.719	1.611111

GE20USRD	GE20USRI	GE20USRR	GE20USRV	GE20USSD	GE20USSR	GE20USSW
871.3163	62.49746	1539.949	1.6	915.7795	1562.723	2.25
338.8452	32.98477	623.8533	0	356.8846	643.5631	0
549.7591	38.19289	1034.203	0	538.6938	1053.929	0
981.9596	29.51269	651.109	0	1003.317	637.5061	2.25
286.9812	13.88832	448.2053	0	306.3821	446.7085	0
401.0821	22.56853	557.2282	0	461.2566	551.1929	0
141.7618	1.736041	215.0174	0	154.8745	205.9402	2.25
449.4886	10.41624	228.6453	0	454.5229	227.1399	0
359.5908	10.41624	113.5655	0	350.151	130.2269	0
449.4886	24.30457	534.5151	0	444.4224	549.6786	0
96.81292	15.62437	301.3272	0	138.0403	301.339	0
504.8102	22.56853	741.9614	1.6	501.6586	760.1616	0
259.3203	5.208122	337.6682	1.6	286.1811	327.0815	0
532.4711	27.77665	407.3217	0	518.4928	413.3947	0
252.4051	8.680203	413.3785	3.2	276.0806	404.3091	0
1230.907	15.62437	645.0522	0	1232.262	648.1059	2.25
1890.309	0	626.0532	3.807692	1798.377	664.3674	0
752.4081	0	188.3541	3.807692	718.4239	203.7149	0
1839.22	0	461.0191	11.42308	1816.917	488.1816	7.173913
1732.396	0	522.01	7.615385	1691.772	556.0865	0
2336.181	0	1196.497	13.32692	2322.131	1238.807	7.173913
1402.637	0	721.1272	7.615385	1376.593	741.4487	2.391304
1667.374	0	222.4372	7.615385	1585.168	258.7729	4.782609
2368.692	0	401.8221	3.807692	2303.591	420.2766	2.391304
2340.825	0	884.3674	17.13462	2331.401	917.6345	0
1959.977	0	1060.165	3.807692	2030.127	1046.103	2.391304
599.1398	0	217.0557	0	593.2791	218.397	0
1179.702	0	500.4838	3.807692	1181.923	510.2048	4.782609
1625.573	0	681.6625	5.711538	1603.708	691.8964	7.173913
575.9173	0	333.6558	0	602.5491	311.9957	0
1017.144	0	902.3059	9.519231	1001.158	935.9872	4.782609
752.4081	0	627.847	3.807692	797.2188	633.1678	2.391304
1490.883	0	493.3084	7.615385	1441.483	523.0517	2.391304
1147.19	0	1027.875	7.615385	1237.543	1022.245	0
984.6328	0	303.1604	1.903846	977.9835	315.6663	0
1188.991	0	618.8778	1.903846	1163.383	633.1678	0
1054.3	0	696.0133	5.711538	1019.698	726.7666	0
2066.8	0	687.044	11.42308	2039.397	726.7666	0
1123.968	0	376.7082	0	1061.413	398.2534	0
1713.818	0	1006.349	13.32692	1691.772	1060.786	2.391304
761.6971	0	392.8529	1.903846	709.1539	416.6061	0
1602.351	0	1101.423	15.23077	1617.613	1123.185	2.391304
1091.456	0	717.5395	0	1084.588	737.7782	0
1806.708	0	1383.057	13.32692	1756.662	1438.851	2.391304
1449.082	0	787.4996	9.519231	1427.578	822.2005	0
1839.22	0	866.4289	5.711538	1747.392	917.6345	0

0	0	786.3897	2.526316	230.9265	636.0593	0
0	0	295.0701	2.526316	103.7212	238.1896	1.555556
0	0	414.7684	10.10526	138.9473	343.3124	0
0	0	495.4951	20.21053	199.6144	396.5391	3.111111
0	0	477.4012	10.10526	107.6352	413.8378	1.555556
0	0	663.9078	17.68421	272.0236	517.6299	1.555556
0	0	435.646	7.578947	150.6893	359.2804	0
0	0	495.4951	12.63158	197.6574	385.8937	0
0	0	258.8823	12.63158	162.4313	191.6162	0
0	0	837.8878	32.84211	346.3897	678.6407	0
0	0	832.3204	58.10526	497.0791	612.1073	3.111111
0	0	556.7361	53.05263	414.8849	385.8937	3.111111
419.7177	0	1087.873	2.5	468.3581	1062.165	1.6
521.2623	0	1058.681	0	519.2666	1058.267	0
460.3356	0	1068.412	2.5	461.5703	1062.165	0
396.024	0	836.8254	0	359.7533	863.3745	1.6
744.6605	0	1220.208	5	750.0517	1220.028	4.8
762.6385	0	639.686	4.285714	793.6429	580.2883	1.5
363.6209	0	1015.266	0	480.2857	919.3522	0
250.995	0	670.5556	0	295.7857	620.7736	1.5
572.7834	0	1186.763	2.142857	740.9286	1042.495	1.5
234.9055	0	907.2222	0	336.7857	821.5129	0
254.2128	0	758.0193	0	319.2143	701.744	0
566.3476	0	1929.348	2.142857	767.2857	1756.047	0
202.7267	0	540.2174	0	278.2143	475.7015	0
769.0743	0	1768.14	2.142857	931.2857	1605.914	0
183.4194	0	528.2126	0	231.3571	487.5097	0
949.2758	0	1771.57	4.285714	1098.214	1612.662	1.5
170.2959	0	575.2788	0	151.6966	585.3899	1.285714
340.5918	0	899.6572	4.227273	374.0105	864.5758	2.571429
259.4985	0	295.7041	1.409091	272.0076	288.1919	0
308.1545	0	1068.119	1.409091	313.855	1057.304	0
202.7332	0	657.7175	2.818182	211.8521	650.2331	0
264.9047	0	860.23	1.409091	243.2376	868.1782	0
462.2317	0	817.2185	2.818182	468.167	797.9314	2.571429
446.013	0	838.7243	15.5	468.167	821.347	11.57143
240.5767	0	376.3506	1.409091	238.0067	372.8483	0
3095.244	0	466.2004	7.4	3109.663	434.863	0
1977.067	0	536.8368	14.8	1962.332	547.1786	0
664.4241	0	251.4657	3.7	672.5735	259.1899	0
2455.128	0	680.9351	0	2468.74	671.0138	0
2422.717	0	500.1059	14.8	2429.177	501.1004	3.28
1377.465	0	401.2149	7.4	1384.71	391.6647	6.56
1952.759	0	680.9351	3.7	1970.245	676.7735	3.28
2487.539	0	649.8551	0	2516.216	633.5752	3.28
2025.683	0	463.3749	3.7	2001.895	466.5418	3.28
2260.663	0	615.9496	3.7	2263.012	613.416	0

1223.513	0	497.2804	0	1218.545	506.8602	0
2131.019	0	655.506	14.8	2136.41	650.8545	6.56
2041.889	0	497.2804	3.7	2128.497	463.6619	6.56
1369.362	0	437.9458	11.1	1432.186	426.2233	3.28
1580.033	0	364.4839	0	1558.788	371.5055	3.28
1847.423	0	542.4877	11.1	1796.167	567.3378	3.28
1677.266	0	615.9496	3.7	1653.739	630.6953	0
1733.985	0	655.506	3.7	1732.866	659.4942	3.28
1815.012	0	570.7423	7.4	1835.73	552.9384	3.28
1045.253	0	511.4077	3.7	1091.943	498.2205	0
599.6023	0	203.4329	0	577.6219	215.9916	0
2228.252	0	649.8551	11.1	2207.623	645.0948	6.56
2365.998	0	604.6478	3.7	2381.701	607.6562	3.28
1993.272	0	548.1386	0	2001.895	538.5389	0
2074.3	0	528.3604	0	2231.361	483.8211	0
2649.594	0	567.9168	3.7	2666.556	550.0585	6.56
2139.122	0	500.1059	7.4	2152.235	495.3406	6.56
3330.223	0	576.3932	14.8	3252.09	593.2568	6.56
1879.834	0	497.2804	7.4	1843.643	495.3406	9.84
3265.401	0	401.2149	3.7	3283.741	380.1451	0
1985.17	0	511.4077	3.7	1914.856	535.659	0
834.5815	0	293.8475	7.4	822.9134	305.2681	6.56
1353.156	0	700.7133	3.7	1400.535	682.5333	0
1166.794	0	545.3132	0	1139.419	575.9775	0
818.3761	0	582.0441	0	909.9523	555.8183	0
1855.526	0	601.8223	0	1922.769	573.0976	0
1377.465	0	579.2187	3.7	1424.273	578.8574	0
2738.724	0	384.2621	11.1	2706.119	377.2652	9.84
1255.924	0	398.3894	3.7	1305.584	380.1451	0
2268.765	0	754.397	11.1	2294.662	760.2903	0
1020.944	0	361.6585	7.4	1044.467	362.8658	9.84
2074.3	0	418.1676	0	2041.458	411.8239	0
3630.024	0	378.6112	11.1	3845.538	299.5083	9.84
1555.725	0	443.5967	11.1	1598.351	429.1032	9.84
2252.56	0	437.9458	3.7	2278.837	431.9831	0
2244.457	0	644.2042	11.1	2270.924	642.2149	6.56
2220.149	0	316.4512	3.7	2215.536	322.5474	3.28
785.9651	0	367.3094	7.4	846.6513	348.4664	3.28
1661.06	0	401.2149	0	1740.778	374.3854	0
2041.889	0	553.7895	3.7	2073.109	547.1786	3.28
931.8143	0	226.0365	3.7	917.8649	233.2709	0
2228.252	0	406.8658	3.7	2183.886	429.1032	0
2868.368	0	669.6333	11.1	2888.11	662.3741	9.84
1101.972	0	254.2911	3.7	1131.506	241.9105	3.28
322.6814	0	769.4917	1.571429	366.5606	705.1937	1.733333
580.8266	0	1146.314	1.571429	647.0592	1046.473	1.733333
311.2927	0	1028.337	1.571429	439.8728	922.8461	3.466667

531.4753	0	1855.937	1.571429	653.4342	1729.031	1.733333
334.0702	0	1281.899	1.571429	430.3103	1189.253	3.466667
664.3441	0	1743.242	0	784.121	1601.922	0
523.8828	0	1789.024	1.571429	675.7465	1648.934	0
201.2014	0	855.7734	1.571429	302.811	774.8425	0
201.2014	0	1468.549	1.571429	372.9356	1340.739	0
182.2201	0	963.1853	1.571429	270.9361	893.2454	0
250.5526	0	1123.423	3.142857	325.1233	1051.696	1.733333
216.3864	0	1058.271	0	334.6858	962.8942	3.466667
318.8852	0	1089.967	0	420.7478	1001.201	0
170.8313	0	484.2339	0	172.1241	463.1643	0
299.9039	0	933.2508	0	404.8104	841.0088	0
341.6627	0	1665.765	3.142857	452.6227	1572.321	0
220.1826	0	1024.815	0	334.6858	929.811	0
315.0889	0	1170.966	0	398.4355	1086.521	0
474.5315	0	1651.678	4.714286	631.1218	1507.896	3.466667
383.4215	0	1472.071	1.571429	500.4349	1365.116	0
573.2341	0	2088.369	1.571429	745.8712	1929.271	1.733333
463.1427	0	1519.614	0	573.7471	1406.905	1.733333
364.4402	0	1295.986	1.571429	458.9977	1199.7	0
527.679	0	1605.896	1.571429	685.309	1466.106	0
747.8616	0	1288.943	1.571429	841.4957	1157.911	1.733333
76.37555	0	283.0304	0	107.4441	258.9036	0
16.20087	0	75.64869	1.5	30.40872	64.08504	0
134.2358	0	223.0332	0	162.1798	189.6917	0
48.60262	0	357.3748	0	79.06267	328.1154	2
13.88646	0	110.8645	0	16.21798	103.8178	0
129.607	0	456.5007	1.5	182.4523	410.1443	0
111.0917	0	379.5477	0	166.2343	333.2422	0
566.6724	0	1820.326	3.069767	727.2352	1707.482	0
427.5492	0	897.2467	1.534884	472.7029	866.7949	0
383.437	0	1343.287	6.139535	457.5522	1303.673	1.75
464.8749	0	1176.237	6.139535	533.3058	1129.618	3.5
227.3476	0	540.759	1.534884	221.2007	536.09	1.75
329.145	0	928.2456	1.534884	348.4669	913.7898	1.75
532.7399	0	1506.892	4.604651	572.6977	1472.507	0
227.3476	0	602.7569	4.604651	236.3514	591.7877	1.75
488.6277	0	1315.732	4.604651	481.7933	1312.376	0
352.6931	0	1385.819	4.6	383.6197	1337.643	0
247.7071	0	735.3634	1.534884	272.7132	706.6641	0
247.7071	0	828.3602	0	254.5323	812.8378	0
176.3465	0	754.4209	0	245.91	697.5111	0
247.7071	0	706.0866	0	275.7434	687.5181	0
172.5945	0	862.9706	0	213.122	824.8203	0
472.7588	0	1655.384	0	600.0205	1543.848	3.6
405.2218	0	899.1539	4.6	452.4745	842.7512	1.8
645.3532	0	1973.797	0	773.7969	1837.915	1.8

337.6848	0	1505.223	0	429.5229	1427.298	1.8
165.0904	0	607.8787	0	222.9584	564.8226	0
153.8342	0	745.3751	0	252.4676	677.7871	0
180.0986	0	960.6654	2.3	275.4193	898.3369	1.8
810.4436	0	1573.972	4.6	888.555	1468.539	0
742.9066	0	2424.278	2.3	891.8338	2277.221	3.6
408.9739	0	1355.063	4.6	603.2993	1217.506	3.6
400.4032	0	1515.503	9.209302	469.6727	1463.804	3.5
88.22444	0	337.5439	0	96.9647	335.9265	0
593.8184	0	1121.128	4.604651	581.7882	1115.694	0
403.7965	0	1536.169	1.534884	393.9191	1540.389	0
223.9544	0	688.865	1.534884	245.4419	671.8531	0
217.1679	0	661.3104	0	224.2309	652.707	0
817.7727	0	978.1883	13.81395	772.6874	969.4875	7
0	0	366.4202	5.5	86.35955	330.6202	0
0	0	417.4408	8.25	117.2022	366.8525	1.5
0	0	145.3312	5.5	57.57303	119.2648	0
0	0	590.6014	13.75	160.382	520.84	0
0	0	462.277	5.5	108.9775	418.1817	1.5
0	0	214.9047	5.5	49.34831	199.2779	0
0	0	739.0247	11	152.1573	695.963	0
632.1497	0	1400.912	1.909091	801.8881	1240.089	4
421.4331	0	1651.355	3.818182	591.3925	1516.518	4
555.5255	0	1833.317	1.909091	755.1113	1658.571	0
616.8248	0	1702.226	1.909091	778.4997	1545.313	0
524.8758	0	1819.621	0	811.9117	1593.304	2
490.3949	0	1614.18	0	664.8989	1453.17	6
352.4713	0	1348.085	3.818182	511.2037	1224.732	0
356.3025	0	1721.792	1.909091	467.7681	1606.741	2
310.328	0	1054.597	1.909091	414.3089	963.6607	0
551.6943	0	1535.916	3.818182	715.0169	1387.902	2
284.989	0	235.3185	0	303.8243	215.5152	0
272.3789	0	413.9544	0	293.6968	402.1818	0
355.6057	0	510.143	0	356.9936	507.3939	1
174.0198	0	130.5416	0	174.699	130.6667	0
481.707	0	135.6946	0	496.2464	134.0606	0
481.707	0	211.2713	0	491.1826	208.7273	0
146.2775	0	92.75327	0	144.3166	93.33333	0
332.9075	0	451.7428	0	362.0573	431.0303	0
206.8062	0	190.6595	5	217.7408	184.9697	1
244.6366	0	231.8832	0	265.8463	220.6061	0
645.6388	0	393.3426	0	653.2223	383.5152	0
287.511	0	118.5181	0	298.7606	113.697	0
665.815	0	163.1771	0	668.4135	166.303	0
0	0	473.2076	6.732394	101.9987	427.356	1.2
0	0	1014.218	25.24648	215.5134	900.9506	2.4
0	0	138.4309	8.415493	54.28963	123.3027	0

0	0	480.2704	11.78169	149.7078	425.9549	1.2
0	0	607.4008	13.46479	143.1272	533.8447	1.2
0	0	644.1273	15.14789	176.03	571.6763	2.4
0	0	498.6336	13.46479	136.5466	431.5595	1.2
0	0	679.4413	21.88028	212.2231	561.8681	0
0	0	67.80287	3.366197	24.6771	58.84903	0
0	0	533.9476	16.83099	192.4814	466.5887	0
0	0	153.969	3.366197	110.2244	119.0992	1.2
0	0	474.6201	21.88028	144.7723	413.3444	0
0	0	401.167	11.78169	159.5786	339.0825	1.2
0	0	566.4365	16.83099	184.2557	487.6062	0
0	0	316.4134	8.415493	192.4814	262.0183	0
0	0	679.4413	28.61268	197.4168	615.1125	0
0	0	525.4723	11.78169	126.6758	463.7864	0
655.2038	0	650.7963	0	684.9715	630.0409	1
163.801	0	245.0836	2.125	152.2159	251.0189	1
287.3701	0	299.7306	2.125	295.9753	295.9031	0
364.96	0	526.5985	4.25	374.9021	525.3111	0
215.5276	0	448.7679	0	239.5991	432.218	0
448.2974	0	559.7179	4.25	439.7348	561.8834	1
227.0224	0	379.2172	0	228.3238	375.6972	1
310.3597	0	453.7358	2.125	321.3446	452.1665	0
614.972	0	505.0709	2.125	606.0447	498.7131	0
307.486	0	369.2813	0	312.8882	369.0477	0
766.3	0	1740.729	11.27586	746.0129	1780.421	1.545455
845.5724	0	1962.725	7.517241	843.1947	1972.515	1.545455
687.0276	0	1347.832	11.27586	700.2803	1351.768	4.636364
596.0111	0	1767.157	7.517241	594.5237	1785.757	1.545455
390.49	0	775.2235	5.637931	394.4436	773.7096	1.545455
290.6655	0	671.2731	3.758621	340.1362	634.9754	1.545455
916.0367	0	1048.314	1.87931	914.6519	1045.842	0
390.49	0	1252.691	7.517241	377.2939	1269.951	1.545455
604.8191	0	1705.492	5.637931	574.5157	1735.955	6.181818
666.4755	0	1534.59	11.27586	654.5478	1545.64	4.636364
469.7624	0	1014.838	7.517241	477.3339	1031.613	0
607.7551	0	1213.93	7.517241	620.2483	1221.927	3.090909
528.4827	0	1548.685	11.27586	540.2163	1550.976	3.090909
607.7551	0	849.2221	7.517241	600.2403	848.4125	1.545455
551.9709	0	1122.312	1.87931	571.6574	1104.537	1.545455
349.3858	0	665.9875	0	328.703	682.9988	0
451.2579	0	994.7527	5.076923	622.6225	870.336	2
468.614	0	858.2488	0	573.6827	774.9989	2
636.3894	0	666.8295	0	717.7831	588.9376	0
616.1406	0	884.922	1.692308	736.8153	787.3004	2
315.302	0	453.4441	1.692308	448.6145	365.9717	0
636.3894	0	1151.654	1.692308	793.9116	1031.794	0
1154.179	0	819.0236	1.692308	1193.586	765.7727	2

347.1215	0	309.0951	0	394.2369	275.2476	0
671.1015	0	514.6355	5.076923	734.0964	456.6958	4
393.4043	0	658.9845	0	475.8032	596.6261	0
752.0965	0	953.9585	1.692308	851.008	859.5721	0
512.0042	0	726.4519	3.384615	581.8394	662.747	2
0	0	595.0709	20.65882	180.7775	560.2836	0
0	0	804.3103	23.24118	162.9229	768.2239	1.8
0	0	541.6481	20.65882	145.0684	496.7463	0
0	0	587.6511	2.582353	124.982	540.0672	1.8
0	0	1136.719	49.06471	383.8732	976.1642	0
0	0	609.9106	18.07647	185.2411	547.2873	0
0	0	743.4676	46.48235	265.5867	645.4813	0
0	0	1476.548	54.22941	397.2641	1318.399	3.6
0	0	678.1731	20.65882	169.6184	605.0485	3.6
0	0	363.572	10.32941	95.9683	319.1306	0
0	0	1295.504	69.72353	361.555	1169.664	1.8
0	0	1004.646	18.07647	274.514	903.9627	3.6
0	0	209.2394	7.747059	91.50466	171.8396	0
0	0	519.3886	12.91176	138.3729	492.4142	0
0	0	1114.459	23.24118	287.9049	992.0485	0
0	0	555.0038	25.82353	169.6184	479.4179	0
0	0	676.6891	15.49412	156.2275	623.8209	1.8
903.0442	0	817.492	1	925.1163	814.7133	0
851.1948	0	428.0351	0	870.6977	425.0678	0
885.761	0	479.4728	1	904.186	464.2188	1
306.7732	0	454.8995	0	307.7603	456.4943	0
478.4536	0	610.1928	3.454545	512.0259	586.0187	0
343.3608	0	492.5464	1.727273	324.1015	503.8813	0
433.4227	0	622.7418	6.909091	435.7667	625.5078	1.5
351.8041	0	450.1937	1.727273	386.743	429.6417	1.5
273	0	687.0552	0	291.419	674.4743	0
270.1856	0	351.3707	5.181818	264.1836	356.9817	0
1499.005	0	1103.165	2.384615	1519.386	1099.286	4.129032
1969.729	0	1564.955	7.153846	2046.52	1512.163	2.064516
1988.009	0	2478.273	7.153846	2011.083	2472.103	2.064516
1339.05	0	1993.393	4.769231	1426.363	1953.425	4.129032
2063.814	0	934.2793	5.394495	2142.52	895.7126	0
2335.34	0	1829.201	4.769231	2352.169	1790.855	6.193548
1905.747	0	1362.28	4.769231	1904.77	1344.432	6.193548
1279.638	0	1513.645	4.769231	1342.198	1491.519	2.064516
2088.552	0	2088.317	0	2290.154	2046.323	0
1032.851	0	1277.619	2.384615	1027.69	1254.115	4.129032
548.4164	0	805.5669	0	580.2904	797.3692	0
1211.086	0	1005.676	7.153846	1231.456	978.003	4.129032
1041.991	0	749.1259	7.153846	1045.409	740.5986	4.129032
1073.982	0	1064.682	2.384615	1107.424	1050.257	2.064516
2161.116	0	866.2366	5.394495	2147.585	864.192	2.636364

557.5567	0	502.8379	2.384615	535.9934	510.9356	0
988.3775	0	874.0877	8.091743	1002.882	885.2057	5.272727
1766.789	0	507.7036	8.091743	1808.226	488.5705	2.636364
1992.118	0	277.4051	2.697248	2015.894	249.5387	2.636364
993.4986	0	269.554	8.091743	1007.947	265.299	2.636364
1689.972	0	507.7036	2.697248	1717.055	496.4507	0
1887.466	0	1593.175	7.153846	1922.489	1576.675	6.193548
2278.901	0	1062.514	8.091743	2329.927	1019.169	7.909091
690.0906	0	1652.182	0	788.4862	1607.641	0
860.3493	0	735.3851	8.091743	871.1902	735.4825	2.636364
1182.98	0	316.6605	8.091743	1235.874	288.9396	5.272727
527.4761	0	62.80869	2.697248	557.1565	42.02757	0
937.1662	0	369.0011	0	942.101	362.4878	0
1777.031	0	397.7884	2.697248	1808.226	383.5016	2.636364
2029.141	0	425.8729	2.384615	2011.083	418.0382	0
706.7155	0	842.6833	2.697248	719.2384	832.6713	0
1215.656	0	1418.721	2.384615	1218.167	1406.363	4.129032
502.715	0	1780.457	4.769231	518.2746	1777.953	4.129032
306.1991	0	900.4904	14.30769	358.8055	898.008	2.064516
860.3493	0	2428.603	0	886.3854	2406.079	5.272727
2365.961	0	2583.008	18.88073	2355.253	2579.442	7.909091
537.7183	0	403.0225	0	572.3517	383.5016	0
804.0169	0	1431.515	2.697248	785.0842	1423.684	5.272727
1674.609	0	1661.813	0	1484.062	1759.905	0
1730.941	0	2193.07	5.394495	1706.925	2185.434	5.272727
278.7783	0	954.3658	4.769231	296.7897	959.9396	6.193548
1049.831	0	1936.601	0	977.5564	1959.536	2.636364
1864.09	0	2125.028	2.697248	1894.332	2104.005	0
1387.825	0	1737.707	2.697248	1392.891	1731.011	0
460.9014	0	758.9384	2.697248	465.9854	745.9894	2.636364
1505.611	0	2248.028	10.78899	1499.258	2258.982	5.272727
885.955	0	1044.195	5.394495	881.3203	1042.809	0
635.0197	0	492.0014	2.697248	658.4577	480.6904	2.636364
1510.732	0	1415.813	2.697248	1524.583	1394.79	7.909091
1561.944	0	981.3859	2.697248	1585.364	969.2609	2.636364
880.8338	0	787.7257	0	850.9299	809.0308	0
967.893	0	1130.557	2.697248	997.8167	1113.731	0
629.8986	0	795.5768	2.697248	663.5228	777.5101	0
1823.121	0	994.471	16.18349	1833.551	990.2747	2.636364
1500.49	0	813.896	10.78899	1509.388	798.5239	2.636364
1080.558	0	834.8322	8.091743	1088.988	822.1644	5.272727
1520.975	0	1452.451	8.091743	1473.932	1463.085	2.636364
1351.978	0	1298.046	8.091743	1357.436	1292.348	7.909091
1756.547	0	1172.429	2.697248	1747.445	1161.012	2.636364
2458.141	0	2101.474	10.78899	2421.098	2119.766	7.909091
1326.372	0	1154.11	13.48624	1281.46	1174.145	7.909091
1131.769	0	806.0449	8.091743	1083.923	816.9109	2.636364

788.6535	0	772.0235	5.394495	785.0842	774.8834	2.636364
1812.879	0	1065.131	0	1782.901	1061.196	7.909091
1029.347	0	669.9594	2.697248	957.2962	706.5886	2.636364
1095.921	0	1206.45	5.394495	1154.833	1155.758	0
1341.735	0	1915.665	2.697248	1296.655	1917.508	2.636364
1285.403	0	1177.663	5.394495	1286.525	1158.385	5.272727
2227.69	0	1271.876	2.697248	2152.65	1279.214	10.54545
1474.885	0	2268.964	5.394495	1413.152	2301.01	2.636364
1408.31	0	1049.429	8.091743	1392.891	1058.569	5.272727
1725.82	0	845.3004	2.697248	1686.665	856.3118	0
1095.921	0	1141.025	2.697248	1124.443	1124.238	0
1095.921	0	1300.663	0	1068.727	1308.108	0
1398.068	0	426.5757	2.697248	1423.282	420.2757	0
1439.037	0	1499.558	2.697248	1392.891	1505.112	2.636364
2381.324	0	541.725	5.394495	2466.684	499.0774	0
1136.89	0	405.6395	2.697248	1124.443	391.3818	2.636364
1085.679	0	1316.366	2.697248	1099.118	1308.108	0
1147.132	0	1572.834	10.78899	1139.638	1573.407	5.272727
517.447	0	1101.571	1.8	567.0971	1080.199	0
786.1214	0	717.21	3.6	809.4853	688.3037	2.666667
457.7416	0	766.7411	1.8	484.7765	744.0046	2.666667
393.0607	0	404.1736	0	384.1625	393.8848	2.666667
945.3359	0	1172.896	1.8	987.8465	1127.943	0
422.9134	0	768.7223	0	471.0564	742.0153	0
328.3798	0	455.6859	0	347.5756	437.6498	0
0	0	481.4528	9.5625	120.2526	407.2572	1.25
0	0	591.7547	22.3125	128.138	525.0709	0
0	0	384.566	22.3125	130.1094	331.6237	2.5
0	0	262.3396	19.125	94.625	212.3555	1.25
0	0	250.4151	6.375	86.73958	218.1735	0
0	0	56.64151	0	23.65625	45.08919	0
0	0	263.8302	19.125	70.96875	223.9914	0
0	0	474	3.1875	102.5104	417.4386	0
1517.951	0	1338.633	8.545455	1574.871	1271.106	0
1630.391	0	1018.907	6.409091	1654.755	964.3481	1.230769
489.9205	0	1185.797	2.136364	502.1327	1167.09	1.230769
522.0465	0	1017.15	0	566.8013	976.6889	0
421.6529	0	347.8337	4.272727	426.052	334.9655	1.230769
622.44	0	1270.12	4.272727	665.7062	1239.372	0
758.9753	0	1719.845	4.272727	810.2596	1681.879	1.230769
887.479	0	1632.008	2.136364	874.9282	1620.175	1.230769
722.8336	0	1480.928	2.136364	753.199	1454.456	2.461538
248.976	0	293.3749	0	243.4583	289.1281	0
767.0067	0	1185.797	0	776.0233	1158.275	1.230769
477.8733	0	374.1848	0	479.3085	356.1212	0
827.2429	0	1668.899	8.545455	912.9685	1616.649	2.461538
509.9993	0	902.9623	2.136364	536.369	881.4882	0

309.2121	0	602.5605	2.136364	346.1672	578.2562	3.692308
555.5512	0	807.5618	3.6	544.7076	827.3089	0
348.2163	0	653.085	3.6	356.0528	650.7958	0
438.593	0	344.1315	0	467.6514	339.212	0
398.7209	0	637.7903	0	406.5378	635.4469	2
544.9186	0	489.4314	1.8	542.0505	494.2365	1
0	0	818.3458	40.01111	262.069	731.3222	0
0	0	455.833	9.233333	175.5862	418.1483	0
0	0	224.3273	6.155556	83.86207	195.9524	0
0	0	538.3854	18.46667	220.1379	484.6322	1.8
0	0	328.4151	3.077778	60.27586	306.1756	0
0	0	581.4562	12.31111	89.10345	545.8673	1.8
0	0	615.554	24.62222	180.8276	535.3699	0
0	0	1202.394	120.0333	623.7241	1020.002	1.8
0	0	260.2196	9.233333	136.2759	208.1994	0
0	0	777.0696	33.85556	220.1379	696.3307	3.6
159.2294	0	674.5867	0	160.3541	666.6378	0
243.5273	0	709.6062	2.5	249.7823	708.9932	0
221.6723	0	1164.86	2.5	243.6148	1169.378	0
593.2075	0	374.156	2.5	579.7416	370.1497	2.6
739.9484	0	1190.664	2.5	737.012	1191.477	2.6
277.8709	0	602.7045	0	296.0383	600.3423	0
368.4131	0	707.7631	0	416.3038	683.2116	2.6
730.5819	0	589.8026	2.5	721.5933	596.6592	2.6
405.8788	0	798.0766	2.5	447.1411	760.5564	2.6
468.3217	0	563.9987	5	496.4809	557.9869	0
349.6802	0	346.509	0	363.8804	353.5758	0
215.428	0	86.62725	0	222.0287	81.0278	0
1514.24	0	685.6455	0	1511.029	674.0039	0
658.1679	0	604.1218	0	785.356	499.0805	0
894.8489	0	546.5864	0	985.8025	462.618	0
603.0504	0	1316.123	4	745.9239	1171.358	2
547.9329	0	918.1693	0	676.9177	783.9437	0
1329.902	0	803.4009	2.968085	1369.881	789.5793	0
2973.502	0	1352.427	8.904255	2996.343	1339.313	11.68085
3291.618	0	964.505	11.87234	3435.575	927.5435	5.840426
1811.495	0	866.9946	14.84043	1843.904	851.1326	8.760638
998.5312	0	409.1197	2.968085	1017.626	399.0347	0
3022.103	0	1384.224	26.71277	2983.297	1413.602	17.52128
2279.832	0	1199.802	8.904255	2300.531	1188.614	0
1458.032	0	691.052	0	1469.904	674.963	0
1537.561	0	813.9999	23.74468	1513.393	840.5199	5.840426
1515.47	0	724.9686	14.84043	1548.183	713.1684	2.920213
1409.431	0	828.8384	11.87234	1435.114	823.5397	2.920213
2858.627	0	1078.974	8.904255	2939.809	1031.547	2.920213
2602.367	0	1282.474	14.84043	2609.298	1286.25	8.760638
1665.691	0	1180.724	11.87234	1630.811	1192.859	5.840426

1701.038	0	763.1249	20.7766	1709.09	776.8442	11.68085
2005.899	0	1153.166	11.87234	2043.95	1141.919	2.920213
1851.259	0	883.953	17.80851	1817.811	899.9506	5.840426
2014.736	0	646.5363	2.968085	1956.973	664.3504	0
3194.416	0	1172.245	23.74468	3178.994	1178.001	11.68085
1873.351	0	744.0467	11.87234	1948.276	706.8009	5.840426
1405.013	0	602.0207	8.904255	1391.625	611.2872	2.920213
1868.932	0	782.203	8.904255	1835.206	800.192	2.920213
1793.822	0	943.3071	11.87234	1822.16	933.911	8.760638
1458.032	0	595.6613	5.93617	1491.649	573.0818	5.840426
852.728	0	262.8541	2.968085	856.7194	265.3156	2.920213
1206.19	0	137.7864	0	1187.23	137.9641	2.920213
2045.664	0	826.7186	5.93617	2004.81	836.2749	11.68085
1241.537	0	877.5936	20.7766	1282.905	870.2353	5.840426
2019.154	0	977.2238	17.80851	2017.857	991.2192	2.920213
631.814	0	226.8177	5.93617	652.3244	220.7426	2.920213
2399.126	0	782.203	8.904255	2439.693	768.3541	2.920213
2642.131	0	629.578	17.80851	2731.065	590.062	8.760638
1891.024	0	1066.255	20.7766	1970.02	1037.915	8.760638
1356.412	0	807.6405	8.904255	1382.928	798.0694	2.920213
901.3291	0	406.9999	2.968085	913.2542	403.2798	0
998.5312	0	498.151	8.904255	995.8819	498.7934	5.840426
1709.874	0	858.5155	5.93617	1783.02	825.6623	2.920213
3017.685	0	919.9894	14.84043	3070.274	906.3182	8.760638
1471.287	0	629.578	5.93617	1461.207	636.7575	0
1564.071	0	373.0833	0	1587.323	352.3392	0
2019.154	0	712.2499	2.968085	2070.043	696.1882	2.920213
2483.073	0	996.3019	11.87234	2557.112	953.0138	2.920213
2536.093	0	748.2863	17.80851	2578.856	732.2712	2.920213
1723.129	0	1064.135	5.93617	1752.578	1048.527	0
985.2764	0	489.6718	5.93617	1030.673	475.4456	2.920213
2676.412	0	1588.193	5.884615	2708.123	1517.193	11.03226
1493.379	0	1040.818	14.84043	1552.532	1008.199	5.840426
1449.196	0	640.177	8.904255	1439.463	647.3702	2.920213
1639.182	0	680.453	14.84043	1769.974	624.0224	11.68085
1126.661	0	411.2395	2.968085	1121.998	409.6473	0
2341.688	0	663.4947	5.93617	2435.344	619.7773	8.760638
1016.204	0	608.3801	8.904255	1026.324	600.6746	0
1113.429	0	727.5522	0	1144.978	689.835	0
1066.383	0	896.1313	8.826923	1140	851.7576	0
632.1778	0	480.8298	3.779006	653.5181	470.6754	5.870968
893.8799	0	525.7008	0	920.961	496.8586	0
757.9684	0	607.7722	2.942308	791.5286	583.3652	2.758065
871.1718	0	548.6647	0	865.0615	553.8551	2.935484
972.2904	0	856.2047	5.884615	985.6771	836.2308	5.516129
994.5235	0	580.587	3.779006	1019.942	570.0853	2.935484
1364.343	0	869.5135	0	1453.625	809.6134	0

813.3506	0	504.7715	3.779006	838.6186	492.9919	2.935484
799.7873	0	658.7896	11.76923	831.354	641.0363	2.758065
871.1718	0	606.5239	3.779006	917.9474	588.3443	0
648.1936	0	476.9016	5.884615	662.0963	461.3687	2.758065
1572.735	0	798.0578	18.89503	1624.351	783.1065	5.870968
285.2509	0	235.427	0	271.9844	241.424	2.935484
713.1273	0	492.8007	3.779006	732.8469	486.9056	2.935484
670.7252	0	347.1551	3.779006	672.4059	346.9202	0
2279.832	0	1089.573	11.87234	2361.414	1057.017	2.920213
2514.001	0	896.6717	17.80851	2578.856	893.5831	11.68085
2435.953	0	1315.361	14.71154	2499.04	1248.801	11.03226
1421.844	0	1439.577	5.884615	1593.014	1333.089	8.274194
1437.526	0	767.4788	5.884615	1488.472	718.6705	0
2337.27	0	797.0415	14.84043	2357.066	802.3145	5.840426
2354.943	0	409.1197	5.93617	2396.205	386.2996	2.920213
1923.671	0	1140.127	2.942308	1976.332	1080.224	0
1092.52	0	975.9846	5.884615	1125.066	942.7005	5.516129
1897.535	0	1322.015	8.826923	1966.376	1255.455	5.516129
904.3347	0	545.6641	2.942308	911.0046	514.6036	2.758065
3013.267	0	907.2707	11.87234	3052.878	902.0732	14.60106
551.2282	0	347.1551	7.558011	585.522	336.7764	2.935484
2062.287	0	1011.538	11.33702	2092.769	1008.3	2.935484
967.5403	0	351.1454	3.779006	1008.609	336.7764	2.935484
948.2666	0	309.2474	0	940.6127	310.4023	2.935484
1807.874	0	758.1549	0	1835.895	740.5023	5.870968
1545.752	0	345.16	7.558011	1563.91	332.7188	2.935484
1237.372	0	883.849	0	1239.04	884.5452	2.935484
1946.645	0	470.8541	3.779006	1979.442	466.6179	0
3079.939	0	959.6645	11.33702	3192.039	921.0631	0
2713.739	0	1240.98	26.45304	2780.285	1221.322	14.67742
1973.628	0	644.4317	11.33702	2005.885	639.0636	8.806452
2332.119	0	317.228	11.33702	2455.415	284.0283	2.935484
2370.667	0	1039.47	11.33702	2466.747	1010.329	8.806452
3052.956	0	1025.504	11.33702	3176.929	985.9839	11.74194
2100.835	0	594.553	15.11602	2183.43	568.0565	5.870968
2216.477	0	748.1792	3.779006	2251.426	750.6462	0
2274.298	0	829.9801	11.33702	2304.312	825.7108	5.870968
1742.344	0	716.2569	11.33702	1794.342	689.783	2.935484
2043.013	0	686.3297	11.33702	2043.661	683.6966	2.935484
1904.243	0	796.0626	3.779006	1960.554	779.049	5.870968
1811.729	0	770.1258	3.779006	1790.564	783.1065	0
1524.307	0	485.4322	0	1513.393	488.1808	0
1800.165	0	666.3783	11.33702	1869.893	639.0636	2.935484
2305.136	0	375.0872	15.11602	2304.312	338.8052	5.870968
3072.23	0	424.9658	18.89503	3158.041	375.3231	11.74194
2370.667	0	550.6599	7.558011	2462.97	515.3084	2.935484
737.8527	0	322.2083	5.93617	743.6498	320.5013	0

914.5839	0	351.8854	5.93617	926.3007	356.5842	0
2425.636	0	621.0988	5.93617	2478.833	617.6548	2.920213
1977.483	0	588.5676	3.779006	2092.769	549.7976	2.935484
547.3734	0	145.6455	3.779006	608.1873	129.8415	0
1857.986	0	608.5191	15.11602	1952.999	576.1716	8.806452
1599.417	0	703.7707	2.968085	1617.765	711.0459	2.920213
1642.12	0	177.5679	7.558011	1631.906	174.4745	2.935484
1437.819	0	472.8492	3.779006	1473.249	470.6754	0
1528.725	0	604.1405	14.84043	1561.23	604.9197	2.920213
1219.445	0	436.677	8.904255	1248.114	428.7501	2.920213
1569.303	0	569.3561	2.968085	1602.669	557.0578	0
424.0217	0	69.83006	3.779006	438.1971	66.94952	2.935484
1322.177	0	476.8395	3.779006	1427.918	434.1575	0
2278.153	0	668.3734	15.11602	2398.751	618.7759	11.74194
1268.21	0	446.9124	3.779006	1386.365	419.9561	2.935484
2085.428	0	773.7238	8.904255	2191.81	740.7613	14.60106
1241.537	0	551.1457	14.84043	1261.161	543.3664	8.760638
1884.969	0	335.1843	15.11602	1934.111	324.6037	5.870968
1372.288	0	714.2617	15.11602	1511.024	671.524	2.935484
958.7667	0	502.3905	0	974.1378	496.6709	0
1453.238	0	610.5142	3.779006	1488.359	596.4594	5.870968
1800.165	0	818.0092	15.11602	1839.672	815.5669	11.74194
2505.583	0	700.2957	26.45304	2625.405	653.265	14.67742
1669.103	0	670.3685	3.779006	1749.011	645.1499	11.74194
932.257	0	432.4374	11.87234	961.0913	422.3825	2.920213
1652.437	0	294.651	2.968085	1674.299	282.2958	0
1295.193	0	676.354	3.779006	1291.926	691.8117	2.935484
982.9593	0	570.6113	7.558011	970.8332	584.2867	0
2914.185	0	662.388	7.558011	2988.051	641.0924	8.806452
1272.065	0	905.7956	3.779006	1246.595	937.2933	0
1210.389	0	831.9752	3.779006	1227.707	829.7683	0
2081.561	0	706.2811	11.33702	2107.879	701.9556	5.870968
1106.311	0	395.0386	7.558011	1121.936	397.6396	2.935484
736.2558	0	566.621	0	781.9552	563.999	0
1306.758	0	399.0289	15.11602	1325.924	405.7547	8.806452
1522.623	0	995.5771	3.779006	1507.247	1008.3	2.935484
1036.926	0	532.7036	7.558011	1027.497	535.5962	5.870968
1379.998	0	1530.276	11.33702	1341.034	1584.472	2.935484
1036.926	0	764.1403	0	1042.607	770.9339	0
1734.634	0	841.951	3.779006	1798.119	821.6532	5.870968
1568.88	0	1191.101	11.33702	1601.686	1190.89	0
1626.701	0	341.1697	3.779006	1673.46	318.5174	0
3980.87	0	1579.245	11.87234	3935.691	1600.384	8.760638
1665.249	0	654.4074	11.33702	1722.568	647.1787	0
1642.12	0	484.8201	7.558011	1639.462	488.9344	5.870968
2752.286	0	620.4899	15.11602	2799.173	600.5169	8.806452
2328.264	0	758.1549	18.89503	2372.308	738.4735	14.67742

2197.203	0	1007.548	11.33702	2270.314	975.84	2.935484
3149.325	0	905.7956	11.33702	3188.262	892.6603	2.935484
3053.031	0	801.2811	8.904255	3144.204	751.3739	2.920213
1497.797	0	773.7238	8.904255	1517.741	766.2316	2.920213
462.5691	0	247.3979	3.779006	472.1951	245.4816	2.935484
2014.736	0	820.3592	11.87234	2048.299	810.8046	8.760638
1117.875	0	438.9318	18.89503	1171.044	415.8985	8.806452
1272.465	0	93.27082	5.93617	1274.207	517.8961	5.840426
1734.634	0	740.1986	15.11602	1767.899	732.3872	8.806452
1153.171	0	544.7864	17.80851	1148.091	556.1016	2.920213
1642.12	0	688.3248	18.89503	1635.684	706.0131	14.67742
2019.154	0	669.854	11.87234	2056.996	668.5954	8.760638
1279.774	0	456.8881	15.11602	1337.257	442.2726	2.935484
1290.138	0	589.302	0	1274.207	592.1845	0
666.8704	0	351.1454	3.779006	661.0732	357.0641	0
1800.165	0	620.4899	15.11602	1881.225	600.5169	8.806452
1674.528	0	765.2447	17.80851	1739.532	755.6189	5.840426
1184.099	0	400.6406	11.87234	1200.277	401.1572	2.920213
1329.902	0	565.9843	17.80851	1335.091	568.8367	5.840426
1241.537	0	780.0832	8.904255	1278.556	770.4766	0
2147.284	0	606.2603	11.87234	2157.019	611.2872	0
1029.459	0	317.9687	8.904255	1017.626	322.6238	8.760638
1642.12	0	654.4074	3.779006	1673.46	647.1787	5.870968
998.5312	0	748.2863	5.93617	1017.626	740.7613	5.840426
852.728	0	512.9895	11.87234	861.0682	522.1412	0
2456.564	0	1057.776	23.74468	2548.414	1020.935	8.760638
1992.644	0	771.604	14.84043	2004.81	759.864	8.760638
1166.426	0	1013.26	5.93617	1195.928	993.3417	8.760638
1838.004	0	680.453	14.84043	1852.601	674.963	8.760638
618.5592	0	256.4947	0	621.8826	246.2129	0
1427.104	0	404.8801	0	1413.37	413.8924	2.920213
3296.037	0	1178.604	11.87234	3300.762	1173.756	8.760638
636.2323	0	248.0156	8.904255	652.3244	244.0904	2.920213
1265.023	0	1807.79	0	1349.083	1761.186	0
1134.339	0	807.4054	0	1135.022	785.2141	2.758065
1150.021	0	769.6969	11.76923	1199.738	734.1973	5.516129
2204.722	0	1034.458	2.968085	2226.601	1027.302	2.920213
1471.287	0	807.6405	5.93617	1487.3	793.8244	5.840426
1634.764	0	574.4634	0	1639.509	575.2043	0
2045.664	0	881.8332	5.93617	2056.996	874.4803	8.760638
1542.074	0	1364.16	5.884615	1712.49	1266.546	0
2637.713	0	1373.625	11.87234	2696.274	1349.926	14.60106
1811.495	0	1019.62	14.84043	1809.113	1035.792	2.920213
1533.143	0	784.3228	2.968085	1526.439	791.7019	0
2575.857	0	975.104	14.84043	2591.902	969.994	14.60106
1447.981	0	827.3688	8.826923	1478.516	787.4322	8.274194
1625.711	0	1228.853	11.76923	1792.14	1137.895	2.758065

2147.284	0	951.7863	2.968085	2183.112	933.911	2.920213
742.2863	0	783.0058	2.942308	826.3758	738.6336	0
1228.282	0	922.1092	11.87234	1195.928	944.5237	5.840426
2107.519	0	780.0832	2.968085	2139.624	770.4766	2.920213
1316.647	0	496.0312	5.93617	1326.393	490.3033	0
1798.215	0	1663.61	11.76923	1926.551	1572.646	8.274194
1952.88	0	811.8801	11.87234	2004.81	783.2118	5.840426
1573.438	0	807.4054	5.884615	1602.97	774.1235	2.758065
1356.412	0	652.8957	5.93617	1391.625	634.635	5.840426
2420.271	0	1801.135	2.942308	2518.953	1721.26	2.758065
1228.431	0	1055.838	5.884615	1284.367	1015.898	0
1312.229	0	794.9217	11.87234	1339.439	793.8244	0
1824.75	0	805.5207	8.904255	1926.531	781.0892	2.920213
3685.294	0	1233.29	14.71154	3743.582	1175.603	5.516129
2153.676	0	1259.907	8.826923	2284.979	1184.475	2.758065
1061.156	0	652.1352	2.942308	1070.306	625.5095	2.758065
648.1936	0	337.1583	0	672.0526	314.9729	0
1343.434	0	860.641	0	1388.909	816.2677	0
1505.482	0	736.4247	8.826923	1538.254	696.4893	0
2673.059	0	877.5936	14.84043	2744.111	868.1128	2.920213
1813.897	0	1084.674	8.826923	1956.42	993.7172	5.516129
2070.038	0	1410.741	11.76923	2110.743	1359.707	13.79032
1202.295	0	845.1139	5.884615	1254.498	805.1771	0
1547.301	0	1215.544	11.76923	1568.123	1173.385	5.516129
1897.535	0	1466.195	8.826923	1996.245	1397.415	2.758065
1291.16	0	563.4093	0	1304.28	527.9123	2.758065
3053.031	0	1072.614	8.904255	3087.669	1063.385	2.920213
2699.569	0	953.9061	2.968085	2731.065	931.7885	8.760638
1745.941	0	767.4788	11.76923	1802.097	709.798	13.79032
2127.539	0	1228.853	14.71154	2205.328	1160.076	2.758065
1223.204	0	1208.89	8.826923	1324.193	1137.895	2.758065
1298.974	0	368.8437	17.80851	1356.835	345.9716	11.68085
1458.436	0	638.8263	5.884615	1488.472	603.3283	2.758065
3207.671	0	1233.719	8.904255	3279.017	1203.472	2.920213
1249.341	0	638.8263	2.942308	1289.345	596.674	2.758065
1782.532	0	1091.328	2.942308	1856.856	1026.989	2.758065
491.3726	0	363.7761	0	497.8167	359.3352	2.758065
1400.935	0	776.3514	11.76923	1498.428	716.4524	5.516129
1970.718	0	749.7336	8.826923	1986.289	709.798	2.758065
1348.661	0	472.4653	0	1383.931	439.1875	0
525.7753	0	222.5781	2.968085	500.1154	235.6003	5.840426
420.1741	0	774.9092	5	399.0867	755.8908	6.615385
508.0183	0	1882.758	0	650.558	1734.371	1.8
604.6408	0	889.8809	2.5	631.4663	861.2574	0
355.6128	0	959.7174	0	439.6875	853.4208	1.8
471.4149	0	984.1576	7.5	454.6557	966.624	0
650.7575	0	977.2593	0	636.518	957.4616	3.307692

1403.996	0	1404.954	15	1374.071	1372.056	6.615385
835.2242	0	1255.491	10	843.6389	1230.04	0
1204.158	0	1154.316	5	1172.001	1138.417	3.307692
424.8881	0	1566.927	10	529.4196	1447.276	0
1255.398	0	1874.038	0	1343.76	1779.779	3.307692
1228.481	0	1711.598	5	1395.335	1525.932	5.4
1424.493	0	1618.801	0	1404.381	1580.499	0
1322.011	0	1625.7	12.5	1267.984	1585.08	6.615385
799.3557	0	1662.491	7.5	803.2251	1624.02	6.615385
379.1815	0	703.6267	5	363.7246	687.1734	0
1588.463	0	1425.649	22.5	1651.916	1353.732	3.307692
717.3705	0	1280.785	2.5	681.9836	1255.237	3.307692
681.5019	0	1034.745	2.5	631.4663	1039.922	0
778.8594	0	1230.197	2.5	793.1216	1188.81	0
0	0	1561.901	264.6875	948.3933	1290.466	2.8
0	0	1294.316	128.5625	469.0424	1138.646	5.6
0	0	973.2147	196.625	711.295	764.6518	5.6
0	0	1464.777	158.8125	670.0605	1251.585	0
0	0	1684.791	98.3125	608.2088	1462.651	0
1843.156	0	1571.313	10.2381	1773.735	1608.335	0
1515.719	0	1539.887	6.142857	1491.429	1578.94	0
1748.094	0	1464.464	6.142857	1784.388	1461.359	2.5
1357.281	0	2074.133	10.2381	1342.286	2091.255	2.5
1478.75	0	1106.204	10.2381	1438.163	1140.112	5
518.4342	0	1399.671	3.733333	552.2896	1366.621	1.421053
712.5147	0	2045.9	7.466667	774.6717	1993.05	1.421053
470.5787	0	1345.329	2.488889	562.0646	1282.407	0
428.0405	0	848.9088	1.244444	449.6517	825.8821	0
122.2973	0	207.0867	1.244444	136.8505	196.4979	0
369.5505	0	831.2844	2.488889	383.6702	806.6755	0
194.0805	0	688.8204	0	234.6009	660.4102	0
215.3496	0	624.1976	1.244444	237.0446	599.8356	0
677.9524	0	873.8767	4.977778	698.9151	830.3143	2.842105
273.8396	0	414.1735	1.244444	303.0261	395.9506	0
342.9642	0	1202.866	1.244444	412.9953	1142.052	2.842105
356.2573	0	609.5106	1.244444	356.7889	593.9259	1.421053
241.936	0	747.5685	1.244444	254.151	735.759	2.842105
308.4019	0	710.8509	2.488889	400.7765	655.9779	1.421053
374.8678	0	1100.057	6.222222	422.7704	1057.838	0
287.1328	0	575.7305	1.244444	312.8012	556.9902	1.421053
313.7192	0	916.469	0	361.6764	880.5469	1.421053
491.8478	0	1170.554	4.977778	520.5207	1133.187	2.842105
491.8478	0	1223.427	2.488889	535.1833	1174.555	1.421053
316.3778	0	945.843	3.733333	369.0076	908.618	2.842105
616.8038	0	837.1592	3.733333	659.815	780.0818	0
552.9965	0	572.7931	1.244444	586.5022	527.4417	1.421053
372.2092	0	425.9231	0	381.2264	400.3829	1.421053

438.993	0	1446.194	0	455.9282	1422.626	2.125
856.8806	0	2332.897	0	900.0652	2292.009	2.125
721.8058	0	1500.73	0	770.3615	1459.104	2.125
692.2582	0	1343.183	1.677419	731.0573	1321.3	2.125
270.1496	0	1215.934	0	318.3637	1179.442	0
291.255	0	1090.705	0	369.4591	1053.797	0
612.0576	0	1854.199	0	660.3098	1805.641	2.125
363.0135	0	1034.15	0	381.2503	1011.24	0
375.6767	0	1084.646	3.354839	420.5545	1063.93	0
1477.38	0	1767.347	10.06452	1509.28	1724.58	4.25
704.9215	0	1569.404	5.032258	770.3615	1515.847	6.375
835.7752	0	1246.232	8.387097	907.926	1193.628	4.25
531.8569	0	939.2185	1.677419	526.6757	930.1787	2.125
1084.819	0	1577.483	1.677419	1100.516	1532.059	6.375
890.6493	0	1292.688	0	943.2998	1240.238	2.125
937.0813	0	1397.719	1.677419	986.5344	1349.671	2.125
1198.789	0	2092.538	5.032258	1375.646	1961.684	4.25
1211.452	0	1753.208	5.032258	1249.872	1722.553	2.125
738.6902	0	1129.082	1.677419	793.944	1067.983	2.125
1105.925	0	1173.518	5.032258	1159.473	1124.726	0
1595.571	0	2029.924	1.677419	1631.123	1967.764	4.25
0	0	150.4984	0	46.68642	136.0768	0
0	0	608.8343	2.889831	254.1816	501.1611	0
0	0	1484.461	54.90678	503.1759	1257.881	2
0	0	1433.155	31.78814	469.4579	1188.183	0
0	0	407.0297	23.11864	134.8719	351.8084	0
0	0	299.2865	5.779661	59.65488	278.7916	0
0	0	622.516	43.34746	295.6807	532.6911	2
0	0	1542.608	92.47458	575.7992	1320.941	2
0	0	822.6104	86.69492	373.4914	738.4658	0
464.7263	0	1338.697	1.5	598.5571	1227.53	0
586.2701	0	1236.82	1.5	653.8586	1154.401	0
253.812	0	924.0404	1.5	361.0861	835.7654	1.384615
418.2536	0	882.9322	1.5	520.4844	799.2006	0
561.2464	0	1501.342	4.5	744.9433	1356.378	1.384615
521.9234	0	1467.383	0	647.3525	1340.707	1.384615
586.2701	0	1638.965	3	764.4615	1488.707	1.384615
711.3887	0	1655.051	4.5	946.6311	1464.331	4.153846
693.5146	0	1462.021	1.5	839.2811	1312.848	4.153846
550.5219	0	2536.196	4.5	790.4857	2326.214	4.153846
529.073	0	1415.551	0	653.8586	1298.919	0
612.2687	0	967.437	5.294118	639.7005	955.5207	2.833333
798.6113	0	1439.09	7.941176	832.487	1425.522	5.666667
412.6158	0	366.3537	0	433.7695	361.3686	0
1011.574	0	1145.13	5.294118	981.4583	1172.785	2.833333
532.4075	0	820.4568	7.941176	525.7813	831.3695	2.833333
266.2038	0	456.2968	0	280.4167	452.265	0

922.8397	0	1274.56	7.941176	863.1576	1314.672	0
598.9585	0	892.85	0	556.4518	904.53	0
918.403	0	1522.452	0	858.776	1554.107	0
763.1175	0	989.3744	10.58824	758.0013	999.8604	2.833333
0	0	293.0738	29	119.9753	267.889	0
0	0	161.8012	0	64.78668	156.8853	0
0	0	297.6531	21.75	105.5783	285.6496	0
0	0	178.5919	7.25	71.9852	148.005	0
0	0	265.5981	3.625	67.18619	245.6882	0
0	0	273.2303	7.25	105.5783	244.2082	0
0	0	164.854	0	28.79408	156.8853	0
0	0	183.1711	14.5	98.37978	171.6857	0
0	0	456.4014	10.875	119.9753	401.0934	3.5
0	0	937.2256	25.375	290.3403	837.7081	0
0	0	633.4668	7.25	131.9729	590.5398	0
0	0	917.3821	14.5	227.9531	833.2679	0
0	0	433.505	36.25	191.9605	378.8927	3.5
0	0	950.9634	14.5	189.561	877.6694	0
0	0	409.0822	10.875	131.9729	375.9326	0
370.142	0	867.5547	14.72414	407.6548	866.8136	0
675.5091	0	1079.762	18.93103	671.9585	1106.66	0
1475.941	0	1716.385	12.62069	1446.951	1746.251	0
855.9533	0	1441.764	10.51724	878.0257	1434.871	2.333333
1184.454	0	1487.534	4.206897	1124.41	1506.404	4.666667
364.6212	0	207.4401	1	375.3821	205.8583	0
82.59375	0	158.6307	0	84.31042	159.7707	0
308.2157	0	53.38533	0	323.1899	49.1602	0
410.9543	0	147.9536	0	429.5817	147.4806	0
282.0274	0	417.9309	1	275.0126	430.1518	0
598.3011	0	285.2302	0	608.2395	285.7437	4
110.7965	0	227.269	0	120.4435	227.3659	0
368.6502	0	190.6619	1	379.3969	195.1046	0
116.8399	0	120.4983	1	120.4435	121.3642	0
496.2751	0	637.5492	0	485.1618	631.6363	0
239.3383	0	358.972	0	232.331	351.3243	0
510.3538	0	532.8491	0	529.578	515.774	0
144.3069	0	424.4096	2.769231	174.2482	411.1242	0
278.0548	0	476.7597	1.384615	324.5801	452.2366	0
559.6294	0	562.7634	1.384615	591.0774	532.5927	0
351.9682	0	155.1806	0	338.2466	156.9747	6
271.0155	0	504.8044	0	269.9139	497.0866	0
644.1017	0	278.5772	1.384615	686.7431	250.412	0
351.9682	0	319.7094	0	355.3297	313.9494	0
337.8894	0	411.3221	1.384615	368.9963	388.6993	0
587.7868	0	613.2438	1.384615	563.7443	620.4238	0
274.5352	0	684.2904	2.769231	297.247	670.88	0
235.8187	0	551.5455	0	252.8308	538.199	0

594.8262	0	731.0315	2.769231	621.8271	723.2049	0
147.8266	0	286.0558	0	163.9983	274.7057	0
397.724	0	846.9496	1.384615	406.5792	837.1984	0
225.2596	0	824.5138	0	276.7472	792.3485	0
168.9447	0	616.9831	0	201.5813	599.8676	0
1140.377	0	265.4897	1.384615	1117.239	265.362	0
939.9027	0	822.3837	4.392157	1027.734	744.0967	6.292683
701.7941	0	1084.753	2.196078	783.405	998.656	2.097561
1081.932	0	672.4586	4.392157	1167.351	591.7962	2.097561
409.3799	0	610.7247	0	496.4151	539.5789	0
497.1041	0	798.1311	6.588235	570.1017	746.2724	0
509.6362	0	2266.516	6.588235	678.6925	2136.558	10.4878
601.5378	0	1144.282	4.392157	729.1096	1057.401	2.097561
463.6854	0	1450.747	4.392157	585.6146	1357.65	10.4878
355.0744	0	751.8307	2.196078	422.7284	696.2308	2.097561
313.3009	0	1053.886	2.196078	399.459	981.2503	2.097561
242.286	0	531.3525	2.196078	259.8423	509.1188	0
150.3844	0	368.1986	2.196078	186.1556	339.4125	0
480.3947	0	1018.609	4.392157	562.3452	950.7902	2.097561
568.119	0	1296.412	0	701.9619	1192.295	0
1432.83	0	2356.912	13.17647	1648.253	2171.37	6.292683
467.8627	0	1197.197	2.196078	624.3971	1076.982	0
467.8627	0	1657.996	4.392157	519.6845	1594.804	2.097561
1056.868	0	2412.032	8.784314	1272.064	2232.29	4.195122
534.7002	0	2555.343	0	605.0058	2460.741	2.097561
680.9073	0	1040.657	0	795.0397	948.6145	2.097561
346.7197	0	467.4138	0	356.7983	439.4957	0
538.8776	0	1497.047	4.392157	643.7883	1412.043	2.097561
743.5675	0	1274.364	4.392157	826.0657	1198.822	6.292683
371.7838	0	1470.59	2.196078	484.7803	1401.164	0
263.1728	0	1086.958	0	318.0159	1048.698	2.097561
346.7197	0	937.0324	2.196078	387.8243	905.1	2.097561
543.0549	0	1490.433	2.196078	620.5188	1368.529	0
1077.755	0	2134.229	4.392157	1334.115	1932.04	0
735.2128	0	1710.911	8.784314	915.2653	1566.519	6.292683
1061.046	0	1239.088	0	1147.96	1150.957	2.097561
405.2025	0	945.8515	0	539.0757	848.5313	0
513.8135	0	1560.986	2.196078	624.3971	1459.909	2.097561
956.6121	0	1602.877	2.196078	1078.151	1494.72	4.195122
814.5824	0	1924.775	2.196078	1016.1	1786.267	2.097561
756.0995	0	1607.286	0	950.1694	1466.436	0
476.2174	0	1170.739	2.196078	585.6146	1087.861	0
1712.522	0	1450.474	3.708333	1695.419	1456.318	0
1942.21	0	558.1527	7.416667	1962.94	544.9801	5.853659
1313.947	0	1526.34	1.854167	1384.425	1483.658	3.902439
2053.676	0	1051.278	11.125	2106.733	1017.053	9.756098
1732.789	0	997.0883	9.270833	1738.891	1006.117	0

1425.413	0	1136.175	5.5625	1431.241	1130.059	1.95122
516.7967	0	637.6307	1.854167	525.0113	637.9365	0
2266.474	0	935.6734	11.125	2327.439	889.4658	5.853659
2178.653	0	1264.424	3.708333	2173.614	1257.646	5.853659
1628.079	0	1092.823	5.5625	1655.291	1069.911	1.95122
719.4621	0	491.3189	3.708333	725.6526	490.2998	1.95122
743.1064	0	498.5441	1.854167	749.0608	492.1225	1.95122
1253.148	0	1184.945	3.708333	1290.792	1151.931	3.902439
1087.638	0	686.4013	1.854167	1136.967	657.986	1.95122
1483.774	0	89.2491	0	1478.617	82.70084	0
3107.536	0	236.6278	3.708333	3113.284	211.4304	1.95122
1901.677	0	675.5634	3.708333	1869.308	692.6168	0
472.8859	0	314.2996	1.854167	494.9151	309.8549	1.95122
317.5091	0	269.1416	0	364.4983	235.1252	1.95122
2065.08	0	66.11044	2.387097	2100.019	51.27452	2.125
1624.701	0	552.7337	1.854167	1625.194	543.1574	0
1734.281	0	72.72149	0	1727.178	66.16067	2.125
1348.886	0	208.2479	2.387097	1363.897	200.136	0
1124.793	0	272.7542	1.854167	1080.119	297.0962	0
905.6803	0	54.54112	2.387097	914.5757	51.27452	2.125
655.2847	0	218.5646	1.854167	658.7722	211.4304	0
1263.281	0	314.2996	3.708333	1290.792	304.3869	1.95122
1367.991	0	538.2832	5.5625	1381.081	523.108	1.95122
2126.101	0	117.346	4.774194	2157.379	104.2031	4.25
668.7957	0	410.0345	1.854167	668.8043	410.1021	0
560.7075	0	252.8847	0	535.0434	262.4653	0
104.7104	0	81.28437	1.854167	127.0728	71.08436	0
361.4199	0	50.57694	0	361.1543	49.21225	0
2723.464	0	168.5816	4.774194	2721.42	157.1316	2.125
222.9319	0	162.5687	1.854167	227.3934	162.2182	0
1131.548	0	289.0111	1.854167	1143.655	277.0467	1.95122
1530.124	0	812.8437	11.125	1524.874	811.0908	5.853659
1085.532	0	28.09694	2.387097	1086.656	24.81025	2.125
1131.548	0	915.8039	1.854167	1140.311	924.0967	1.95122
810.6615	0	886.9028	11.125	825.9733	885.8205	7.804878
1418.658	0	1027.796	11.125	1474.713	1004.294	5.853659
861.3279	0	720.7214	1.854167	869.4455	714.4889	5.853659
1391.636	0	1380.028	1.854167	1317.544	1418.042	7.804878
1290.303	0	870.6459	5.5625	1260.696	878.5298	1.95122
982.9271	0	632.2118	1.854167	1006.55	619.7098	1.95122
1530.124	0	1287.906	0	1501.466	1303.213	0
1395.013	0	1018.764	0	1344.297	1038.925	1.95122
1590.923	0	1533.565	7.416667	1524.874	1578.437	0
830.9281	0	708.0772	0	849.3814	705.3756	0
1300.436	0	644.856	1.854167	1317.544	627.0005	0
1418.658	0	1349.321	7.416667	1384.425	1372.475	1.95122
1519.99	0	1195.783	7.416667	1508.154	1212.079	3.902439

2344.163	0	695.4329	9.270833	2401.007	661.6313	7.804878
1111.282	0	632.2118	0	1106.871	634.2912	0
1486.213	0	966.3808	5.5625	1474.713	966.0182	1.95122
1719.278	0	908.5786	0	1742.235	889.4658	0
1023.46	0	1024.183	1.854167	986.4863	1055.329	0
1023.46	0	830.9069	9.270833	1036.647	823.8495	3.902439
976.1716	0	1004.314	5.5625	909.5738	1049.861	1.95122
874.8389	0	789.3615	0	866.1015	794.6867	0
911.9942	0	778.5236	0	859.4135	803.8	1.95122
1543.635	0	935.6734	0	1518.186	944.1461	3.902439
1334.214	0	1060.309	1.854167	1337.609	1064.443	1.95122
668.7957	0	897.7407	1.854167	662.1162	916.806	0
1449.057	0	778.5236	14.83333	1504.81	747.2971	5.853659
1803.722	0	1036.827	3.708333	1805.771	1029.812	5.853659
1459.191	0	1394.479	5.5625	1411.177	1421.687	7.804878
1175.459	0	865.2269	7.416667	1130.279	889.4658	3.902439
925.5052	0	534.6705	7.416667	912.9178	539.5121	3.902439
722.8399	0	514.801	3.708333	715.6206	513.9946	1.95122
979.5493	0	1295.131	9.270833	993.1743	1312.327	0
1246.392	0	733.3656	1.854167	1243.976	730.893	1.95122
1178.837	0	1154.238	3.708333	1200.504	1148.286	1.95122
562.0356	0	1380.056	0	621.4016	1357.948	0
1030.934	0	145.443	0	1038.856	135.6294	0
924.9501	0	904.0603	4.774194	959.1891	901.4392	0
1159.399	0	479.3007	2.387097	1156.763	486.2809	2.125
1156.188	0	829.6861	7.16129	1156.763	840.2406	2.125
1657.202	0	451.2038	2.387097	1688.938	441.6225	0
205.5445	0	580.1191	0	200.7605	585.522	0
1615.451	0	247.9142	4.774194	1644.324	229.9083	6.375
1332.827	0	314.0246	4.774194	1351.15	314.2632	4.25
1249.325	0	456.1621	2.387097	1249.177	456.5086	4.25
2212.815	0	295.8442	4.774194	2224.299	279.5288	0
976.3362	0	318.9829	0	981.4958	325.8413	2.125
2553.248	0	211.5534	7.16129	2571.647	203.4441	4.25
2126.101	0	211.5534	2.387097	2138.259	200.136	2.125
1043.78	0	1218.085	2.387097	1096.216	1192.546	2.125
1788.879	0	530.5363	7.16129	1787.725	529.2854	2.125
388.6075	0	505.7449	2.387097	452.5078	482.9729	2.125
767.5801	0	1128.836	0	815.7887	1108.191	2.125
0	0	396.7442	28.16418	349.3924	263.0674	0
0	0	1098.26	34.42289	441.6319	852.8198	2.181818
0	0	1783.545	68.84577	637.2917	1463.205	4.363636
0	0	524.7844	21.90547	293.4896	390.3026	2.181818
0	0	1038.748	28.16418	508.7153	808.1155	0
0	0	483.3066	46.9403	645.6771	268.2256	2.181818
0	0	1287.615	46.9403	528.2813	1053.989	4.363636
457.3699	0	494.8503	0	500.6436	463.1614	0

687.8844	0	860.0969	4.5	740.9525	820.3597	1.5
578.1156	0	545.3452	0	590.2169	522.9793	0
406.1445	0	528.5135	0	420.5406	509.3067	0
0	0	546.4249	6.258706	290.6944	435.0069	0
0	0	618.5603	53.199	371.7535	455.6396	0
0	0	952.186	56.32836	519.8958	687.7579	2.181818
387.8497	0	447.7217	2.25	410.5277	423.8525	1.5
0	0	521.1776	40.68159	360.5729	374.8281	0
0	0	802.5053	18.77612	293.4896	649.9312	0
0	0	1282.205	37.55224	436.0417	1062.586	4.363636
0	0	533.8013	21.90547	268.3333	410.9354	0
32.93064	0	504.3463	15.64677	185.9412	427.8096	0
0	0	869.2304	50.06965	477.9688	651.6506	2.181818
0	0	389.5307	12.51741	262.7431	278.542	0
614.7052	0	1043.562	2.25	667.5248	1008.359	0
0	0	926.9387	40.68159	413.6806	768.5695	0
138.0253	0	292.1143	0	169.9535	253.3758	1
28.55696	0	94.77486	0	27.34884	92.25478	0
80.91139	0	206.4274	0	117.2093	181.9108	0
52.35443	0	136.32	0	68.37209	120.8408	0
61.87342	0	305.0971	2	97.67442	278.0637	0
14.27848	0	101.2663	0	23.44186	93.55414	0
920.7238	0	1569.017	3.25	960.1637	1562.335	4.6
729.9763	0	1258.283	0	798.3383	1252.943	1.533333
880.3734	0	1689.858	3.25	920.6064	1671.871	7.666667
1100.467	0	1379.124	6.5	1136.373	1375.931	3.066667
1181.168	0	976.3199	0	1204.7	962.7672	0
1133.481	0	650.2406	3.25	1193.911	630.3147	1.533333
264.112	0	563.9255	0	269.7089	572.6639	0
572.2427	0	1133.605	1.625	586.1673	1143.406	1.533333
766.6585	0	870.8237	1.625	769.5694	878.2128	0
388.8316	0	1003.174	0	435.1304	983.9058	0
352.1494	0	301.1439	1.625	391.9769	290.1753	0
473.2007	0	613.7964	0	467.4954	624.5496	0
454.8596	0	1039.618	3.25	496.2644	1045.4	1.533333
212.7569	0	537.0719	1.625	190.5943	551.5253	1.533333
1051.821	0	1670.737	0	1199.181	1490.611	7.333333
1121.942	0	1494.87	0	1337.269	1306.443	0
1005.073	0	1858.732	0	1228.252	1663.269	0
446.0208	37.42857	458.3804	0	457.9254	479.1899	0
598.4583	34.7551	421.9183	3.666667	616.0187	437.0633	5.5
1725.37	0	1054.347	0	1931.409	885.8201	0
911.5779	0	1182.554	0	1148.307	1027.313	0
677.84	0	1152.232	7.636364	886.6674	995.6594	0
989.4906	0	1391.775	0	1213.717	1208.604	3.666667
973.908	0	576.1161	3.818182	1053.826	500.7073	3.666667
763.5439	0	1413.001	7.636364	937.5418	1274.789	3.666667

2142.598	0	1491.838	11.45455	2253.007	1332.342	0
2321.797	0	3226.25	3.818182	2732.68	2845.974	3.666667
2002.355	0	2537.943	3.818182	2318.417	2256.061	3.666667
1269.976	0	2519.75	3.818182	1606.176	2235.917	7.333333
2015.563	50.79592	648.5041	0	2038.858	655.5949	0
604.1042	21.38776	1403.79	3.666667	605.1157	1427.038	2.75
813	26.73469	226.5858	0	834.0784	234.3291	0
1202.563	90.89796	1305.677	3.666667	1286.552	1343.274	2.75
565.5993	0	450.5332	3.333333	608.2164	402.9714	3.2
259.0128	0	654.155	1.666667	339.0058	584.7035	1.6
285.4426	0	525.8893	1.666667	341.4985	477.2445	0
222.0109	0	426.4834	1.666667	251.7617	395.07	1.6
118.9344	0	549.9391	1.666667	164.5175	512.0107	1.6
824.7964	0	1935.093	5.166667	1041.238	1720.538	0
582.5124	0	1411.062	7.75	801.3217	1219.922	5.7
840.2613	0	1976.033	7.75	988.4567	1804.852	3.8
1257.814	0	1986.951	7.75	1492.282	1744.251	7.6
1051.615	0	2229.861	2.583333	1434.702	1894.436	1.9
752.6753	0	1521.869	0	912.5946	1380.445	4
210.9772	0	618.1081	0	258.1339	578.5335	0
302.2105	0	671.3655	2.25	370.2526	615.4953	2
450.4647	0	1681.641	2.25	594.4902	1566.862	2
561.6554	0	1592.879	2.25	659.6755	1510.615	0
593.0169	0	1483.137	2.25	651.8533	1427.049	2
478.1167	0	945.3529	4.5	663.1352	800.3738	0
680.8382	0	479.4706	0	713.8669	422.4195	0
290.695	0	813.3529	0	376.8637	726.2651	0
126.2228	0	382.4118	0	177.5608	329.7836	0
852.9602	0	487.2353	4.5	913.1698	420.5668	0
455.1671	0	1083.176	0	612.4036	948.5912	6
0	0	483.3865	16.33333	112.1726	441.3694	1.571429
0	0	475.0999	14.51852	84.56086	438.6449	0
0	0	882.5257	16.33333	220.8937	765.5852	3.142857
0	0	205.7846	5.444444	62.12635	186.6284	0
0	0	660.1679	18.14815	160.4931	589.8548	0
0	0	828.6626	14.51852	215.7165	734.2535	0
0	0	943.2943	32.66667	229.5223	843.2336	1.571429
0	0	749.9397	10.88889	227.7966	625.2733	1.571429
0	0	453.0022	9.074074	139.7843	386.8794	0
0	0	339.7517	10.88889	70.75501	305.1443	0
0	0	470.9566	9.074074	98.36672	419.5734	0
0	0	781.7051	16.33333	176.0247	674.3144	1.571429
0	0	317.654	23.59259	143.2357	253.3787	0
0	0	745.7964	27.22222	191.5562	659.3296	0
0	0	133.9671	3.62963	34.51464	115.7914	0
0	0	182.3058	16.33333	72.48074	160.7457	1.571429
1288.067	0	972.6145	0	1281.817	945.3674	5.55814

1437.618	0	905.2278	0	1482.978	860.0373	0
902.1293	0	485.1841	2.621053	930.9544	462.5788	2.77907
916.6019	0	554.817	0	916.9199	543.4178	0
1066.153	0	393.089	0	1085.334	363.7756	5.55814
1591.993	0	824.3638	0	1585.897	803.8991	0
1447.266	0	610.9726	0	1450.23	595.065	0
1625.762	0	855.8109	0	1693.495	803.8991	0
1210.879	0	660.3895	10.48421	1249.069	633.239	5.55814
1442.442	0	923.1976	0	1487.656	889.2292	2.77907
853.8871	0	545.8321	2.621053	935.6326	498.5073	2.77907
1008.262	0	509.8926	2.621053	1057.265	473.8065	0
1852.501	0	707.5602	0	1913.369	644.4666	0
1645.059	0	833.3486	7.863158	1688.817	792.6715	5.55814
858.7113	0	712.0526	2.621053	898.2073	684.8861	5.55814
1186.758	0	768.2082	2.621053	1239.713	727.5512	0
1206.055	0	842.3335	2.621053	1216.322	824.1089	2.77907
2103.36	0	986.0918	0	2151.955	929.6487	0
738.1058	0	361.6419	0	809.3222	314.374	0
1505.157	0	1019.785	0	1534.437	983.5414	2.77907
2412.11	0	1087.172	0	2376.507	1059.889	0
1485.86	0	1017.539	5.242105	1571.863	965.5772	2.77907
1278.418	0	889.5042	2.621053	1319.242	860.0373	5.55814
1717.423	0	745.746	5.242105	1777.702	693.8682	0
1596.817	0	851.3184	0	1599.932	821.8634	0
892.4808	0	1323.025	5.242105	944.9889	1288.933	5.55814
1485.86	0	1839.656	5.242105	1613.966	1756.003	2.77907
1095.098	0	1502.723	0	1150.828	1468.575	2.77907
786.348	0	909.7202	0	785.9314	893.7203	2.77907
1331.485	0	754.7308	0	1356.667	732.0422	2.77907
1095.098	0	777.1931	0	1113.403	754.4975	0
786.348	0	610.9726	2.621053	799.9659	595.065	2.77907
1355.606	0	1756.546	0	1389.414	1711.093	2.77907
1495.508	0	1920.52	2.621053	1581.219	1854.806	2.77907
1674.005	0	860.3033	2.621053	1721.564	817.3723	5.55814
1635.411	0	988.338	2.621053	1749.633	916.1755	0
1693.301	0	869.2882	0	1740.277	824.1089	2.77907
506.5432	0	664.8819	0	537.9887	646.7121	2.77907
2045.47	0	1060.217	2.621053	2072.426	1012.733	2.77907
1114.395	0	1403.889	0	1155.506	1378.754	0
1702.95	0	1217.453	0	1824.484	1140.728	0
2503.771	0	835.5949	0	2498.139	799.4081	0
1186.758	0	545.8321	2.621053	1178.897	534.4357	0
1365.254	0	644.6659	2.621053	1384.736	619.7658	5.55814
1876.622	0	2589.895	7.863158	2016.288	2501.519	16.67442
1365.254	0	1808.209	5.242105	1515.725	1720.075	5.55814
1558.223	0	1556.632	5.242105	1623.323	1504.504	8.337209
800.8206	0	604.2339	5.242105	828.0348	588.3284	0

1427.969	0	1215.207	7.863158	1436.196	1190.13	5.55814
873.184	0	1329.764	5.242105	954.3452	1284.442	0
1022.735	0	1648.728	2.621053	1113.403	1592.08	0
125.4297	0	71.87913	0	116.9541	71.85691	0
1307.364	0	673.8668	0	1351.989	630.9934	0
1447.266	0	1942.983	5.242105	1515.725	1883.998	5.55814
747.7542	0	941.1673	0	823.3567	900.4568	0
231.5626	0	323.4561	0	257.299	307.6374	0
757.4027	0	1017.539	2.621053	785.9314	1001.506	2.77907
1128.868	0	831.1024	5.242105	1160.184	815.1268	0
2069.591	0	799.6553	0	2058.392	779.1983	0
646.4456	0	577.2792	0	626.8738	579.3463	0
1278.418	0	961.3833	0	1323.92	927.4032	2.77907
1254.297	0	1037.755	0	1337.955	981.2959	2.77907
1206.055	0	516.6312	2.621053	1192.932	516.4715	2.77907
583.7307	0	503.1539	0	650.2646	464.8244	0
1886.27	0	1246.654	7.863158	1978.863	1176.657	2.77907
2450.704	0	1055.725	2.621053	2512.173	994.769	2.77907
564.4338	0	601.9877	2.621053	617.5175	568.1187	2.77907
1664.356	0	1071.448	7.863158	1768.346	1003.751	5.55814
1553.399	0	1013.046	2.621053	1548.472	990.278	5.55814
1495.508	0	350.4108	0	1497.012	330.0927	0
815.2933	0	327.9485	0	823.3567	314.374	0
1804.259	0	1109.634	2.621053	1857.231	1057.644	0
2030.997	0	1242.161	10.48421	2095.817	1183.393	11.11628
2113.009	0	907.474	7.863158	2119.208	886.9837	5.55814
1640.235	0	1006.308	2.621053	1744.955	938.6308	0
583.7307	0	521.1237	0	650.2646	485.0341	0
858.7113	0	658.1433	0	940.3107	617.5203	0
800.8206	0	296.5014	13.10526	790.6095	289.6731	0
2383.165	0	1141.081	2.621053	2427.967	1089.081	0
569.258	0	276.2854	0	547.3451	278.4455	0
1746.368	0	790.6704	2.621053	1777.702	761.2341	2.77907
1775.313	0	799.6553	5.242105	1871.265	743.2699	5.55814
2585.782	0	732.2686	0	2582.346	698.3593	5.55814
2407.286	0	1015.293	2.621053	2442.001	970.0682	0
1365.254	0	532.3548	2.621053	1403.449	494.0162	5.55814
1109.571	0	763.7157	7.863158	1136.794	736.5333	5.55814
1900.743	0	743.4997	2.621053	1946.116	687.1317	5.55814
1587.169	0	685.0979	5.242105	1637.357	642.2211	0
1736.719	0	1183.759	5.242105	1885.3	1109.291	5.55814
1683.653	0	1013.046	2.621053	1730.92	965.5772	5.55814
1563.048	0	795.1629	2.621053	1642.035	734.2877	2.77907
1085.45	0	1289.332	2.621053	1174.219	1226.058	2.77907
1037.207	0	694.0828	2.621053	1090.012	662.4308	2.77907
1818.731	0	1266.87	0	1904.012	1201.358	2.77907
1259.122	0	795.1629	0	1328.598	745.5154	0

1288.067	0	862.5495	2.621053	1291.173	853.3007	2.77907
1317.012	0	781.6855	5.242105	1370.702	745.5154	0
1090.274	0	685.0979	2.621053	1136.794	648.9577	0
904.7	0	1300.496	3.384615	973.7745	1277.509	1.615385
603.1333	0	765.5874	0	597.0588	771.5484	1.615385
534.1	0	640.2183	1.692308	561.5196	630.35	1.615385
519.5667	0	815.735	1.692308	511.7647	818.6145	1.615385
1282.567	0	989.5802	5.076923	1250.98	996.7935	3.230769
406.9333	0	379.4505	1.692308	405.1471	379.8909	1.615385
592.2333	0	1303.839	3.384615	625.4902	1296	3.230769
363.3333	0	367.7494	0	348.2843	374.8481	0
457.8	0	344.3472	3.384615	497.549	339.5485	0
425.1	0	725.4693	5.076923	408.701	724.4823	3.230769
308.8333	0	698.7238	1.692308	305.6373	705.992	1.615385
454.1667	0	1136.68	3.384615	462.0098	1146.397	0
635.8333	0	1375.717	3.384615	614.8284	1396.856	0
675.8	0	1335.599	8.461538	671.6912	1343.066	1.615385
446.9	0	840.8088	1.692308	465.5637	837.1048	0
191.2562	0	415.9533	0	202.2777	410.6384	2.5
216.4215	0	394.4954	0	235.1479	389.3703	0
140.9256	0	373.0375	0	144.1229	371.3742	0
226.4876	0	415.9533	0	242.7333	405.7304	0
70.46281	0	282.254	0	80.91109	274.8496	0
168.6074	0	430.8088	0	202.2777	412.2745	0
173.6405	0	155.1572	5	171.9361	168.509	2.5
312.0496	0	141.9523	0	308.4735	145.6049	0
500.7893	0	315.2662	0	520.8651	302.6618	0
251.6529	0	216.2297	0	237.6763	227.4054	0
183.7066	0	250.8925	0	184.5784	253.5815	0
428.9767	0	550.5498	7.333333	434.4665	557.7404	0
541.7005	0	734.0665	12.83333	517.0764	760.6959	1.4
288.072	0	532.1982	7.333333	309.022	534.5012	0
40.70582	0	65.76012	0	39.7751	66.61899	0
466.5513	0	763.1233	0	425.2877	787.0337	1.4
397.6646	0	536.7861	1.833333	403.8703	537.5998	0
438.3704	0	1070.514	9.166667	440.5858	1086.044	4.2
222.3164	0	478.6725	1.833333	211.114	492.6707	0
134.6423	0	330.3299	3.666667	143.8023	333.095	0
380.262	0	1049.899	0	446.528	975.5773	3.5
509.2795	0	1463.591	0	681.8602	1330.613	0
665.4585	0	1695.509	0	814.6118	1549.809	3.5
339.6649	0	342.6349	0	355.4946	339.802	0
96.32288	0	193.9785	0	95.80706	193.3979	0
501.8929	0	471.3495	3.5	521.8963	462.709	0
179.9717	0	233.8619	0	189.0929	222.3172	0
174.9021	0	77.95396	0	189.0929	66.87592	0
468.9403	0	79.76684	1.75	486.599	65.06846	0

319.3864	0	1047.846	1.75	360.5371	1019.406	0
370.0826	0	527.5489	0	398.3557	516.9328	0
935.3458	0	431.4661	0	940.4219	419.3301	0
169.8324	0	105.1472	0	166.4017	103.0251	2.6
821.2793	0	763.2237	5.25	847.1361	750.0947	2.6
157.1584	0	402.46	1.75	181.5292	384.9884	2.6
93.78806	0	386.144	0	113.4557	372.3362	0
119.1362	0	246.5521	0	126.0619	234.9694	0
119.1362	0	371.641	0	131.1044	361.4914	0
395.4308	0	482.2268	0	416.0043	457.2867	0
233.2028	0	460.4722	3.5	234.4752	453.6718	2.6
101.3925	0	135.9662	0	95.80706	137.3667	0
215.4591	0	540.2391	1.75	247.0814	522.3551	0
271.2249	0	393.3956	0	274.815	386.7958	0
35.48738	0	273.7453	0	45.38229	263.8888	0
134.3451	0	369.8281	1.75	163.8805	339.802	2.6
372.6174	0	837.5519	0	423.568	797.0886	0
121.8132	0	228.7149	0	148.8987	207.0549	0
344.5573	0	493.8162	2	386.503	454.8419	0
393.2826	0	1294.318	4	554.41	1171.048	0
535.978	0	777.9772	0	620.9392	695.8403	0
417.6452	0	668.8178	0	487.8808	604.193	2
403.7237	0	1015.356	0	459.3683	947.0216	0
0	0	1243.781	368.7434	1074.386	913.2171	2.47619
0	0	706.5014	351.1842	1340.726	369.0143	0
0	0	989.948	409.7149	1444.553	607.5689	7.428571
0	0	270.755	35.11842	194.1118	195.6894	0
0	0	1654.144	269.2412	1345.24	1166.681	4.952381
0	0	1063.983	181.4452	803.5326	764.1204	12.38095
0	0	1628.761	251.682	1241.413	1162.954	0
0	0	2174.501	128.7675	979.5875	1699.702	2.47619
0	0	1527.228	181.4452	889.3029	1159.227	4.952381
0	0	1004.755	117.0614	631.9919	736.1648	0
0	0	1539.919	204.8575	1146.614	1084.678	4.952381
0	0	882.0691	128.7675	532.6789	656.0254	0
0	0	1984.127	58.5307	753.8761	1578.561	0
0	0	1865.671	81.94298	699.7053	1461.147	4.952381
0	0	1138.017	146.3268	568.7927	888.9889	0
0	0	1377.043	193.1513	911.8741	1039.949	2.47619
0	0	1491.268	245.8289	1349.754	1011.994	2.47619
0	0	1434.155	163.886	1083.415	1045.54	0
0	0	497.0893	140.4737	898.3314	175.1886	0
0	0	858.8011	351.1842	1327.183	533.0206	0
0	0	1008.985	479.9518	1661.236	531.1569	0
0	0	287.6772	76.08991	374.6809	156.5515	2.47619
0	0	1114.749	433.1272	1733.464	672.7987	0
0	0	827.072	339.4781	1602.551	382.0602	0

1197.783	0	949.2363	20	1185.989	960.2838	2.2
491.1262	0	514.7164	0	503.4541	505.18	0
399.2609	0	377.6531	1.818182	418.9819	368.207	2.2
628.9243	0	675.1097	3.636364	621.7151	661.2997	4.4
183.7307	0	192.4719	3.636364	195.9754	189.9948	2.2
554.7253	0	873.414	7.272727	604.8207	857.1858	0
113.065	0	115.1915	0	135.1555	107.5164	0
328.5953	0	291.624	1.818182	324.3731	294.5656	0
720.7896	0	571.5831	1.818182	682.5351	581.767	0
176.4369	0	655.3816	0	255.7453	622.6713	0
449.1121	0	1612.328	3.5	526.3596	1548.582	0
567.8061	0	1152.516	3.5	657.206	1076.058	2.285714
333.6262	0	980.8331	1.75	404.4345	922.9667	6.857143
583.8458	0	773.3205	1.75	624.4944	722.7697	2.285714
400.993	0	1019.648	0	481.7528	959.7676	0
477.9836	0	1121.165	5.25	544.2022	1061.338	2.285714
269.4673	0	609.1018	5.25	327.1161	575.5661	0
445.9042	0	782.2779	0	505.5431	724.2418	0
413.8248	0	1276.427	0	437.1461	1235.038	2.285714
757.6561	29.54545	799.9331	5	808.8801	787.5789	1.5
919.1238	38.63636	358.7444	0	940.373	375.6842	1.5
794.9179	25	409.9935	0	820.834	398.3158	0
534.0854	13.63636	514.7202	0	533.9406	525.0526	0
774.2169	43.18182	679.6089	0	784.9723	708.3684	0
448.5308	0	879.0715	0	598.2332	746.6701	0
439.9052	0	978.1515	0	594.245	843.7979	0
828.0569	0	356.2664	0	881.3969	283.2895	0
526.1611	0	1307.013	0	642.1037	1171.604	0
487.346	0	1433.498	0	670.0212	1260.638	4
276.6855	0	535.1013	0	285.3452	529.5449	0
254.3271	0	412.5144	0	268.5602	408.3944	0
572.9346	0	628.5008	1.714286	567.893	638.9712	0
122.9713	0	332.7357	0	120.2926	338.049	4
374.5036	0	270.4694	5.142857	391.6503	265.7495	0
145.3297	0	336.6273	3.428571	139.8751	347.8192	0
581.319	0	157.6116	0	595.868	146.553	0
262.7115	0	661.5797	0	254.5727	672.1899	0
528.2177	0	507.8597	1.714286	511.9429	521.7288	4
744.2267	0	1251.986	6.833333	770.9107	1241.211	3.833333
937.2897	0	1096.251	1.708333	989.4365	1060.393	0
576.0751	0	1320.693	0	558.455	1323.959	1.916667
675.7205	0	1412.301	5.125	658.6127	1411.303	3.833333
971.5428	0	978.6867	5.125	965.1559	960.7895	3.833333
214.8604	0	552.7061	1.708333	236.7363	542.4553	0
616.556	0	1560.402	3.416667	616.1215	1546.151	3.833333
1189.517	0	1299.317	6.833333	1223.138	1279.52	0
1136.581	0	1389.399	3.416667	1165.471	1374.527	0

1192.631	0	1438.257	6.833333	1207.962	1429.692	5.75
577.7101	0	1486.629	4.533333	645.0637	1415.228	4.285714
611.6931	0	1654.926	4.533333	726.4231	1556.018	4.285714
489.3544	0	2245.444	3.4	636.3466	2139.708	2.142857
468.9647	0	1678.547	2.266667	569.5157	1607.347	2.142857
642.2777	0	2400.455	2.266667	842.6508	2249.699	2.142857
0	0	586.5394	5.886364	203.8917	531.008	0
0	0	510.5628	14.71591	152.9188	446.6975	1.3
0	0	665.555	26.48864	183.0391	610.881	1.3
0	0	305.4259	11.77273	74.14243	283.9931	1.3
0	0	679.2308	35.31818	203.8917	606.4436	2.6
0	0	530.3167	17.65909	180.7222	483.6758	0
0	0	878.2895	26.48864	324.3731	775.0645	1.3
0	0	632.1253	14.71591	136.7001	565.028	0
0	0	662.516	32.375	215.4764	596.0897	0
0	0	577.4222	23.54545	132.0662	504.3836	2.6
0	0	313.0236	17.65909	113.5306	272.1601	1.3
0	0	603.2542	17.65909	213.1595	529.5288	0
0	0	718.7386	14.71591	176.0883	670.0463	1.3
394.0412	0	1388.393	9.75	428.8905	1358.345	1.263158
198.3984	0	447.8688	0	197.3422	444.2633	0
264.5312	0	891.8431	3.25	313.1164	855.1086	1.263158
159.8209	0	403.0819	0	176.2924	387.2561	0
289.331	0	889.8958	0	344.6911	835.4509	1.263158
90.93259	0	188.8838	0	102.618	178.8848	0
239.7314	0	634.8053	1.625	242.0732	632.9769	0
157.0654	0	459.5523	1.625	163.1363	452.1264	1.263158
493.2404	0	1076.832	4.875	528.8772	1043.822	1.263158
396.7967	0	200.5673	1.625	394.6845	182.8163	1.263158
515.2847	0	317.4027	3.25	523.6148	296.8308	1.263158
859.7263	0	239.5124	1.625	831.4687	226.0632	1.263158
352.7082	0	227.8289	0	342.0599	229.9947	0
250.7535	0	288.1938	0	268.3855	269.3101	0
209.4205	0	965.8388	3.25	242.0732	933.7393	1.263158
573.1509	0	1413.708	0	634.1264	1362.276	0
708.172	0	1581.172	1.625	784.1065	1505.777	1.263158
730.2162	0	1289.083	6.5	781.4753	1246.296	1.263158
476.7072	0	1292.978	4.875	510.4586	1265.954	1.263158
308.6197	0	864.5815	8.125	360.4785	831.5194	0
333.4195	0	1228.718	3.25	360.4785	1216.81	3.789474
429.8631	0	802.2693	1.625	428.8905	798.1014	1.263158
349.9527	0	850.9507	1.625	368.3722	833.4852	0
719.1941	0	736.0626	1.625	702.5384	725.368	0
107.4658	0	395.2929	0	105.2492	393.1534	0
259.0201	0	1316.345	1.625	326.2725	1250.228	1.263158
206.665	0	288.1938	1.625	218.3921	271.2758	1.263158
507.0181	0	1143.039	1.625	570.9769	1098.864	1.263158

250.7535	0	882.1068	0	257.8605	866.9032	0
579.0823	0	1332.349	0	525.915	1366.923	0
472.9172	0	1013.084	1	490.6402	1003.247	1
302.4096	0	881.0981	1	311.0595	883.2153	0
485.7857	0	1314.513	3	448.9518	1340.051	2
659.5104	0	1747.927	1	660.6006	1757.473	1
511.5227	0	1243.169	0	509.881	1239.726	1
514.7398	0	1123.668	1	490.6402	1139.401	1
482.5686	0	1681.934	2	458.5722	1710.894	0
347.4494	0	902.5013	2	365.5751	901.1304	1
614.4706	0	1084.428	2	647.7734	1071.324	1
485.7857	0	717.007	1	471.3994	732.7283	0
292.7583	0	813.3213	0	278.9915	825.8869	0
457.0441	0	395.914	1.352941	475.5266	378.6176	2.857143
767.7314	0	721.0689	0	802.7707	705.0702	0
518.668	0	486.89	1.352941	534.3282	477.8996	0
439.0705	0	257.7653	5.411765	432.0645	259.1427	11.42857
546.9123	0	535.7475	2.705882	570.1206	530.0647	0
364.6082	0	550.9101	1.352941	370.7062	548.5749	2.857143
174.6011	0	215.6468	0	191.7446	203.6122	0
896.1145	0	690.7436	6.764706	897.3647	700.022	2.857143
364.6082	0	365.5887	4.058824	355.3666	373.5694	0
536.6417	0	129.725	0	565.0074	114.4267	0
507.9056	0	784.3255	0	538.1481	774.5646	0
797.6505	0	2365.012	0	846.1448	2392.097	2.8
882.8695	0	1121.325	10.5	876.606	1132.675	5.6
651.0737	0	591.7545	0	680.3004	587.462	0
242.0221	0	629.8675	0	240.3051	631.7228	0
691.9788	0	1121.325	3.5	700.6079	1124.628	2.8
794.2417	0	1213.598	3.5	802.1453	1235.28	0
313.6062	0	665.9746	0	314.7659	665.9244	2.8
910.1396	0	762.26	3.5	917.221	768.529	0
1288.512	0	525.5582	0	1282.756	529.1182	0
999.9106	0	2628.059	0	1358.358	2127.841	0
1469.142	0	1661.417	0	1738.475	1340.435	0
921.7053	0	1211.324	0	1185.07	945.4146	0
1027.841	0	1954.43	0	1235.38	1614.315	0
1463.556	0	1477.151	0	1766.425	1161.359	0
2217.679	0	842.7914	0	2465.169	632.032	0
1525.003	0	1456.005	0	1732.885	1171.893	0
2267.954	0	1658.396	0	2554.608	1332.534	0
1821.066	0	1301.947	0	1995.613	1061.287	0
1712.124	0	1077.175	0	1821.115	854.4532	14
608.8841	0	610.1931	0	681.9742	505.6256	0
1939.506	0	1538.115	0	2134.544	1218.856	137
647.9868	0	724.9818	0	782.5934	571.4623	0
1477.64	0	603.536	0	1338.081	840.0039	0

798.8113	0	1241.531	0	1045.321	974.3827	0
1335.076	0	1501.317	0	1593.136	1192.96	0
1776.377	0	1232.469	0	2252.751	876.9444	0
1796.366	0	1836.214	0	2179.069	1395.749	0
709.4338	0	1250.594	0	860.8527	1032.319	0
1793.136	0	1268.718	0	2124.182	963.8488	0
580.9536	0	1042.161	0	693.1541	861.1436	0
469.2318	0	1235.49	0	681.9742	984.9166	0
575.8575	0	1101.855	29.75	733.7628	937.3922	0
1907.339	0	1732.151	0	2179.069	1341.651	0
4529.062	0	1779.147	0	5131.596	1365.995	0
1441.212	0	646.4421	0	1665.806	474.024	0
787.6391	0	1386.528	0	983.8317	1119.223	0
1212.196	0	662.8579	0	1109.82	907.6313	0
1274.133	0	384.3028	0	1137.369	555.2568	0
1318.373	0	237.2877	0	1204.273	323.8998	0
1243.164	0	394.6197	0	1149.176	519.6634	0
508.3344	0	410.823	0	603.7149	313.3825	0
1234.526	0	1199.241	0	1442.208	963.8488	0
944.0497	0	740.0856	0	1095.631	579.3627	0
971.9801	0	1021.016	0	1151.53	813.7412	0
944.0497	0	872.999	0	1062.091	708.4026	0
798.8113	0	933.4141	0	983.8317	729.4703	0
1575.278	0	734.0441	0	1755.245	566.1953	0
2561.537	0	812.4523	0	2321.964	1099.836	0
1552.457	0	668.8782	193.75	1467.176	836.4223	0
1329.49	0	712.8988	0	1565.187	518.7929	0
938.4636	0	770.2932	0	1162.71	584.6296	0
942.3272	0	201.1787	0	889.4304	238.4757	0
1102.789	0	1762.363	0	1241.995	1406.569	0
950.2014	0	1446.816	0	1123.001	1125.255	0
1186.018	0	960.0682	0	1346.114	735.7438	0
1714.93	0	791.4385	0	1867.044	613.5977	0
2893.596	0	1232.469	0	3270.122	900.6456	0
215.0091	0	349.1157	0	267.7354	267.7891	0
596.4768	0	1060.775	0	728.8354	827.7118	0
1647.897	0	1117.68	0	1850.274	898.0122	0
2122.348	0	1376.321	0	2491.427	1041.402	0
1186.018	0	1124.555	0	1420.485	854.7612	0
2826.563	0	894.1443	0	3046.524	687.3348	0
6.935777	0	1342.753	0	795.7693	1044.107	0
1165.211	0	1685.155	0	1435.359	1292.962	0
1519.417	0	990.8085	0	1716.115	782.1396	0
1300.677	0	600.9568	0	1180.66	815.0885	0
1375.886	0	518.422	0	1227.886	718.9864	0
1234.316	0	562.2686	0	1125.562	765.2578	0
1480.315	0	1169.033	0	1693.756	940.1476	0

1835.99	0	851.1405	0	1711.957	1146.107	0
1256.436	0	698.9669	0	1141.304	953.9027	0
1206.596	0	613.2138	0	1324.819	487.1913	0
558.6093	0	993.8293	0	743.4637	792.6735	0
1269.247	0	1513.954	0	1457.671	1190.174	0
1536.175	0	1030.078	0	1704.936	840.0759	0
2074.89	0	508.1051	0	1896.927	669.1556	0
1398.007	0	861.4574	0	1259.37	1210.175	0
1831.566	0	920.7793	0	1672.601	1252.887	0
2021.801	0	484.8922	0	1912.669	622.8842	0
2172.219	0	608.6944	0	1999.251	804.4105	0
1650.179	0	348.1939	0	1471.889	484.07	0
1628.058	0	505.5259	0	1538.793	654.9183	0
1579.394	0	603.536	178.5	1471.889	811.5292	53.5
1849.262	0	660.2787	0	1684.408	889.8346	26.75
2207.612	0	665.4371	0	1617.504	772.3764	0
1725.388	0	603.536	0	1617.504	772.3764	0
1817.089	0	720.4837	0	1689.547	977.748	26.75
2154.523	0	567.427	0	1955.96	786.6138	0
1517.457	0	490.0506	0	1428.598	615.7655	0
1760.78	0	923.3585	0	1578.149	1284.921	0
1734.236	0	456.5208	0	1554.535	640.6809	0
1513.032	0	306.9264	0	1385.307	384.4085	0
2105.858	0	438.4663	0	1928.411	580.1722	0
1698.843	0	531.318	0	1542.729	708.3083	0
2061.617	0	701.5461	0	1833.958	964.5807	0
2154.523	0	616.4321	0	1967.766	854.2412	0
1831.566	0	379.1444	0	1648.988	512.5447	0
1765.205	0	353.3523	0	1578.149	491.1887	0
1822.717	0	324.9809	0	1645.053	441.358	0
2588.082	0	611.2737	0	2365.255	840.0039	0
1061.777	0	567.427	0	987.8187	758.1391	0
0	0	817.0333	34.965	388.4619	657.6408	1.8
0	0	1667.72	186.48	940.3243	1272.624	0
0	0	996.5189	46.62	413.1261	826.4945	1.8
0	0	1183.483	50.505	369.9637	1027.342	3.6
0	0	215.0088	7.77	101.74	159.9667	1.8
0	0	1598.543	97.125	761.5086	1261.959	1.8
0	0	1488.235	42.735	536.4473	1235.298	1.8
0	0	555.2835	19.425	243.5594	446.1293	0
0	0	1164.787	69.93	348.3825	1018.455	1.8
0	0	1626.588	97.125	730.6783	1272.624	1.8
0	0	792.728	34.965	255.8915	661.1956	0
0	0	1763.072	89.355	850.9165	1363.272	1.8
402.4254	0	479.8081	1.888889	422.9673	470.0699	0
457.1552	0	676.9896	3.777778	460.845	667.7874	4
450.7164	0	419.3392	1.888889	451.3755	417.6944	0

341.2567	0	507.4135	7.555556	353.5249	502.8046	0
202.8224	0	396.9919	0	236.7354	382.341	0
302.6239	0	294.4576	1.888889	293.5519	293.3027	0
467.422	0	330.3254	0	514.9457	264.5063	0
263.5838	0	534.2299	0	338.0318	450.0555	1.5
130.0347	0	379.2625	1.333333	192.7097	313.8545	1.5
168.6936	0	807.462	2.666667	319.0768	671.1354	0
186.2659	0	768.7202	0	322.236	647.4483	0
0	0	807.2576	47.15789	330.3343	665.4311	0
0	0	704.4099	34.29665	319.9027	578.796	0
0	0	1796.924	158.622	792.8024	1498.602	0
0	0	822.7818	77.16746	632.8511	606.4455	0
0	0	1511.668	124.3254	945.7994	1174.182	3.666667
0	0	1327.318	51.44498	584.1702	1061.74	0
0	0	913.9864	60.01914	375.538	757.5961	3.666667
0	0	1141.028	102.89	587.6474	894.0002	0
881.7647	0	1485.007	2.75	1109.448	1303.887	0
1029.674	0	1009.077	8.25	1143.66	865.8426	7.411765
944.3416	0	2093.574	2.75	1148.548	1900.755	2.470588
0	0	1222.53	158.622	751.076	980.6353	0
477.8596	0	1586.435	2.75	733.1155	1411.477	0
534.7476	0	840.0304	0	659.8039	722.3893	0
0	0	584.0975	81.45455	399.8784	475.5712	3.666667
722.4782	0	1872.513	0	894.4009	1708.63	0
477.8596	0	840.0304	2.75	581.605	735.1977	2.470588
733.8558	0	1354.972	2.75	845.5265	1227.037	2.470588
938.6528	0	1461.601	0	1148.548	1273.147	0
568.8805	0	631.9733	2.75	596.2673	571.2511	2.470588
392.5275	0	762.009	0	449.6442	696.7727	0
182.0417	0	418.7148	0	249.2593	366.318	0
824.8767	0	1282.152	8.25	962.825	1142.502	4.941176
739.5446	0	1261.346	11	977.4873	1091.269	2.470588
290.129	0	907.6489	2.75	434.9819	799.2393	0
648.5237	0	1851.708	0	879.7386	1665.082	0
483.5484	0	962.2639	0	596.2673	853.0342	0
529.0588	0	879.0411	2.75	654.9165	778.746	2.470588
648.5237	0	1058.49	2.75	781.9899	935.0075	0
1097.939	0	1029.882	8.25	1128.998	927.3225	4.941176
426.6603	0	1191.127	5.5	576.7175	1063.091	9.882353
455.1044	0	785.4154	0	615.817	678.8411	0
961.408	0	1419.989	0	1153.435	1232.161	0
264.5508	0	513.7405	1.625	321.7915	454.0248	0
169.3125	0	506.7413	1.625	249.0387	445.7447	2
91.71094	0	356.9587	0	123.1202	329.8235	0
141.0938	0	382.1558	1.625	204.2677	331.2035	0
211.6406	0	496.9425	0	277.0205	434.7046	0
402.1172	0	887.4972	0	419.7281	815.5885	0

158.7305	0	187.5783	3.25	176.2858	162.8417	0
359.7891	0	537.5378	0	481.2882	431.9445	0
261.0234	0	652.3245	0	358.168	567.1859	0
74.07422	0	293.966	0	114.7257	256.6827	0
218.6953	0	666.3229	0	307.8006	590.6462	0
243.3867	0	918.2937	0	363.7644	821.1086	2
130.5117	0	348.5596	0	148.3039	322.9234	0
98.76563	0	433.9498	3.25	137.1112	402.9642	0
328.043	0	461.9465	0	377.7553	397.4442	0
208.1133	0	382.1558	1.625	265.8278	324.3034	2
250.4414	0	610.3293	0	305.0024	547.8657	0
675.0472	0	1694.654	2.428571	754.6197	1585.823	1.833333
442.7053	0	1080.563	0	538.6235	982.0466	0
178.966	0	1266.562	2.428571	257.0082	1195.915	1.833333
106.7516	0	487.1393	0	161.3136	445.1945	0
166.407	0	885.7078	0	287.0836	800.1861	0
219.7828	0	810.4226	2.428571	284.3495	752.175	1.833333
200.9443	0	845.8509	0	276.1471	778.3629	1.833333
125.5902	0	611.1384	0	174.9843	565.9498	0
213.5033	0	1231.134	0	322.6273	1140.629	0
521.1992	0	1507.179	9.714286	642.5204	1386.504	5.5
395.609	0	690.8521	0	462.0679	627.055	0
304.5562	0	1142.563	4.857143	393.7146	1057.701	0
458.4041	0	991.9927	2.428571	478.4726	932.5806	1.833333
361.0717	0	800.0893	0	418.3218	731.8066	0
317.1152	0	1198.658	7.285714	426.5242	1102.802	1.833333
185.2455	0	622.9478	0	246.0716	570.3145	0
546.3172	0	1328.562	2.428571	691.7347	1197.369	5.5
709.5845	0	1021.516	2.428571	809.3023	907.8476	0
169.5467	0	429.5683	4.857143	205.0597	394.2735	1.833333
546.3172	0	974.2785	0	604.2426	893.2987	0
326.5344	0	752.8516	0	415.5877	675.0661	0
238.6213	0	1096.801	0	298.0201	1030.058	0
135.0094	0	225.8555	0	164.0478	194.9544	0
401.8885	0	1011.183	0	522.2187	907.8476	0
276.2984	0	1715.321	4.857143	385.5122	1622.196	3.666667
496.0812	0	875.3745	2.428571	612.445	771.0885	1.833333
546.3172	0	1392.037	0	713.6078	1262.839	0
461.5439	0	2211.317	0	664.3934	2041.202	1.833333
464.6836	0	1431.894	2.428571	617.9132	1302.121	1.833333
207.2238	0	915.2314	0	254.274	862.7462	0
587.134	0	1068.754	0	656.191	982.0466	0
0	0	828.398	25.81068	188.6042	751.5524	0
0	0	722.8493	33.75243	205.369	666.649	1.444444
0	0	502.1563	11.91262	129.9273	452.8182	1.444444
0	0	1260.189	45.66505	408.6424	1138.335	1.444444
0	0	356.627	17.86893	161.3614	287.7282	0

0	0	279.8642	9.927184	81.72849	270.4331	0
0	0	391.8099	17.86893	113.1625	356.9088	2.888889
0	0	818.8027	25.81068	264.0459	729.5404	0
0	0	486.1641	33.75243	222.1338	424.517	0
0	0	132.7356	0	69.15488	108.4877	0
0	0	1444.099	51.62136	293.3843	1323.864	1.444444
0	0	548.5338	17.86893	207.4646	466.9688	0
0	0	1309.764	57.57767	435.8853	1128.901	0
0	0	791.6159	25.81068	203.2734	709.1007	4.333333
0	0	1255.391	33.75243	303.8623	1146.196	0
0	0	507.5814	9.887218	131.7575	455.4937	1.888889
0	0	806.0595	23.72932	225.2629	708.1763	3.777778
0	0	413.1476	9.887218	95.63046	375.6992	0
0	0	839.7858	45.4812	191.2609	774.6717	1.888889
0	0	301.8507	0	40.3773	285.9303	1.888889
0	0	753.7837	11.86466	131.7575	698.202	0
0	0	524.4446	13.84211	97.75558	508.69	3.777778
0	0	430.0108	19.77444	129.6324	400.6349	0
0	0	166.9454	1.977444	44.62755	161.2514	0
0	0	1134.891	43.50376	308.1426	1000.756	1.888889
0	0	399.6571	25.70677	136.0078	342.4514	0
0	0	443.5014	15.81955	110.5063	415.5964	1.888889
0	0	286.6739	5.932331	46.75267	265.9817	0
0	0	681.272	7.909774	112.6314	621.7322	0
0	0	397.9708	5.932331	99.8807	379.0239	0
0	0	1032.026	13.84211	212.5121	929.2736	0
0	0	234.3981	7.909774	76.50436	219.4349	0
438.8652	0	888.8719	4.846154	465.2345	853.5888	0
789.9574	0	2276.419	0	973.0395	2138.785	0
394.9787	0	1687.076	0	489.5605	1610.908	1.714286
546.8936	0	1392.404	0	668.9647	1298.033	0
506.383	0	1225.639	0	580.783	1163.255	1.714286
273.4468	0	1450.691	1.615385	361.8491	1379.862	0
246.4397	0	895.3482	0	294.9526	855.1933	0
820.3404	0	1717.838	6.461538	954.795	1606.095	6.857143
81.02128	0	158.6693	0	94.2632	146.0086	0
445.617	0	1617.455	3.230769	556.457	1524.266	0
513.1348	0	1515.454	1.615385	602.0682	1436.019	0
1130.922	0	2354.134	3.230769	1271.033	2210.987	1.714286
0	0	1732.058	107.625	580.2392	1460.913	0
0	0	1196.848	24.66406	302.6497	1025.922	0
0	0	525.3768	15.69531	227.4692	424.0478	0
0	0	1452.512	53.8125	451.083	1218.795	1.666667
0	0	512.734	15.69531	117.59	450.0378	1.666667
0	0	774.0176	58.29688	339.2761	610.0817	1.666667
0	0	446.7107	38.11719	179.2766	367.9641	0
0	0	1231.966	38.11719	416.3843	1024.554	5

0	0	543.6385	40.35938	254.4571	441.8305	1.666667
0	0	848.4694	47.08594	289.1557	696.2592	1.666667
0	0	546.448	33.63281	206.2644	455.5094	1.666667
0	0	1276.918	51.57031	289.1557	1118.939	0
0	0	733.2799	35.875	283.3726	607.3459	0
0	0	125.0228	13.45313	36.62639	110.7996	0
187.7148	0	635.904	0	193.5238	643.8677	0
460.7546	0	654.9335	0	505.0498	640.6802	0
631.4044	0	432.9222	0	651.3726	423.9327	0
158.4606	0	231.5261	0	184.0836	226.3099	0
324.2347	0	342.5318	0	344.5667	329.9025	0
226.7205	0	459.8807	0	236.0046	458.9948	0
348.6132	0	336.1886	0	354.0069	334.6837	0
224.2826	0	604.1881	0	269.0452	581.7121	0
214.5312	0	263.242	0	226.5644	258.1846	0
321.7968	0	466.2239	0	342.2066	460.5885	0
97.5142	0	410.721	0	108.5621	411.1828	0
365.6782	0	209.325	0	382.3274	194.4353	0
302.294	0	534.4131	0	325.6863	527.5252	0
822.8196	0	2074.964	5.190476	855.1098	2056.314	0
974.2839	0	1894.982	5.190476	1014.2	1877.685	8.114286
1470.987	0	1768.619	6.920635	1451.193	1770.165	2.028571
1082.584	0	1888.904	10.35294	1268.229	1667.861	8.4375
1219.902	0	1431.58	1.730159	1189.199	1431.111	0
1293.587	0	1845.332	5.190476	1336.358	1804.987	2.028571
634.5126	0	1355.036	0	628.4063	1356.336	0
1522.83	0	1568.118	6.920635	1555.107	1534.966	4.057143
1485.988	0	1437.786	6.920635	1654.538	1333.488	6.085714
1404.115	0	1075.754	12.11111	1499.425	1040.619	8.114286
1338.617	0	1822.575	10.38095	1411.925	1775.907	4.057143
1973.802	0	2153.729	5.176471	2202.713	1873.137	0
1971.326	0	1667.358	9.494865	2189.157	1456.576	5.0625
1716.825	0	1597.056	10.35294	2115.426	1483.114	5.0625
818.726	0	1861.882	1.730159	799.4282	1861.068	4.057143
675.4489	0	1572.256	1.730159	731.8149	1532.889	4.057143
708.198	0	1640.525	0	731.8149	1613.895	0
1007.033	0	1288.836	5.190476	1026.132	1271.176	4.057143
863.7559	0	1779.131	6.920635	863.0643	1767.599	2.028571
1629.265	0	1369.517	8.650794	1650.561	1323.103	10.14286
2362.024	0	1774.994	13.84127	2402.262	1742.674	6.085714
1146.216	0	964.041	3.460317	1201.131	934.6881	0
1503.589	0	1324.124	2.588235	1591.704	1170.069	5.0625
1835.699	0	1595.729	4.318394	1908.992	1469.273	3.716071
890.1722	0	881.9091	0	976.397	806.6543	0
1158.695	0	1224.263	8.636788	1230.715	1164.645	5.744643
1234.77	0	3506.496	10.07407	1547.057	3211.387	0
915.8557	0	1193.789	2.518519	1073.704	1044.959	0

862.7033	0	1439.202	0	996.736	1298.649	2.148936
1537.329	0	2264.872	2.518519	1777.961	2017.436	6.446809
1214.326	0	1543.191	2.518519	1466.241	1326.836	0
1345.163	0	1615.983	7.555556	1539.361	1433.547	2.148936
719.6009	0	2104.73	7.555556	1027.523	1848.309	8.595745
997.6285	0	1613.903	10.07407	1239.185	1425.493	10.74468
1668.166	0	732.0799	2.518519	1797.203	597.9824	2.148936
1933.927	0	1605.584	15.111111	2128.166	1407.373	4.297872
1058.958	0	1306.097	5.037037	1246.882	1133.549	8.595745
997.6285	0	742.4787	2.518519	1119.885	610.0628	4.297872
879.0579	0	314.0456	5.037037	927.4648	257.7163	0
2122.005	0	1160.513	5.037037	2178.195	1044.959	6.446809
1283.833	0	2052.735	12.59259	1527.815	1836.229	8.595745
1414.67	0	1663.818	5.037037	1573.996	1485.896	2.148936
1271.567	0	2192.08	0	1508.573	1955.02	4.297872
1189.795	0	1441.282	5.037037	1373.879	1274.488	4.297872
1324.72	0	1659.658	2.518519	1527.815	1469.788	4.297872
1222.504	0	740.399	5.037037	1377.728	606.036	2.148936
813.6396	0	1622.222	2.518519	1085.249	1417.44	0
1341.074	0	1811.482	5.037037	1627.874	1572.472	4.297872
1013.983	0	2726.582	2.518519	1385.425	2418.104	6.446809
1627.279	0	734.1596	5.037037	1747.174	616.1031	2.148936
1794.914	0	1719.972	2.518519	1978.078	1546.298	0
1852.155	0	1085.641	2.518519	1997.32	922.1412	2.148936
1602.747	0	1799.003	7.555556	1789.507	1610.727	4.297872
234.0442	0	367.1364	4	248.669	367.0136	1.5
478.4138	0	401.1636	0	483.7123	395.5196	0
326.9735	0	232.8182	2	350.8617	229.8289	0
227.1605	0	222.0727	0	241.8561	222.7025	0
502.5066	0	356.3909	0	531.4022	345.6342	0
340.7408	0	351.0182	2	347.4553	358.1056	0
227.1605	0	39.4	2	235.0433	39.19563	1.5
660.953	0	169.9053	0	691.0154	152.9478	0
337.7283	0	223.394	1.166667	348.5835	228.6334	0
136.7489	0	73.94028	0	137.3829	75.68553	0
151.2526	0	360.2622	0	159.9383	357.9295	0
37.29515	0	188.7837	1.166667	47.16129	189.2138	2.5
538.7078	0	300.4807	2.333333	561.8345	291.7046	2.5
99.45374	0	12.58558	0	98.42356	14.19104	0
420.6065	0	215.528	0	420.3506	216.0191	0
136.7489	0	116.4166	0	141.4839	115.1051	0
180.2599	0	303.6271	0	186.5947	309.0492	0
122.2452	0	195.0765	2.333333	131.2314	195.5209	0
0	0	836.5821	22.97037	219.7704	728.0674	0
0	0	423.077	19.68889	98.25029	374.3277	2.727273
0	0	817.4383	19.68889	209.4282	716.8375	2.727273
0	0	719.8052	6.562963	168.0597	636.3571	2.727273

0	0	283.3276	0	134.4478	226.4683	0
0	0	101.4619	0	31.02641	93.58192	0
0	0	220.1532	0	46.53961	194.6504	0
0	0	275.6701	9.844444	41.36854	260.1577	2.727273
0	0	155.0644	9.844444	54.29621	127.2714	0
0	0	555.1689	13.12593	100.8358	497.8558	0
0	0	218.2388	9.844444	82.73708	204.0086	0
0	0	1627.219	42.65926	491.2514	1394.371	0
0	0	568.5695	6.562963	134.4478	520.3155	0
0	0	1629.134	55.78519	390.4156	1439.29	2.727273
0	0	430.7345	16.40741	103.4214	409.8888	0
0	0	1271.145	32.81481	284.4087	1164.159	0
0	0	2973.025	85.31852	868.7394	2595.963	13.63636
0	0	359.9026	0	93.07922	321.9218	0
0	0	1230.943	26.25185	253.3823	1108.01	0
0	0	2362.339	65.62963	698.0941	2019.498	2.727273
553.9512	0	760.0187	4.769231	621.379	725.6775	2
589.5623	0	2000.34	0	701.3225	1925.977	0
629.1302	0	1354.416	0	686.7874	1301.088	0
850.7107	0	1580.765	2.384615	941.1531	1504.498	4
625.1735	0	1001.09	0	708.5901	934.5846	0
486.6857	0	1578.925	2.384615	592.3087	1506.33	6
854.6675	0	2313.18	9.538462	883.0123	2266.826	4
367.9818	0	800.5039	4.769231	432.4217	756.8303	2
823.0131	0	1518.197	2.384615	864.8433	1456.852	6
292.8028	0	901.7171	2.384615	334.3092	864.9489	2
245.3212	0	669.847	2.384615	308.8726	630.3865	0
0	0	1526.664	126.9221	627.5994	1300.761	0
0	0	695.232	58.57944	349.8687	595.0288	1.705882
0	0	1061.144	107.3956	313.7997	960.7442	0
0	0	1258.329	53.69782	277.7308	1144.59	3.411765
0	0	658.6408	43.93458	173.1309	595.0288	1.705882
0	0	821.2682	92.75078	266.9101	727.4771	0
0	0	1441.285	87.86916	465.2892	1245.409	0
0	0	963.5671	117.1589	367.9031	844.1106	5.117647
0	0	1742.146	97.6324	591.5305	1502.398	1.705882
0	0	1872.247	170.8567	688.9166	1644.731	0
0	0	2524.79	107.3956	800.7303	2204.176	0
0	0	1079.439	82.98754	429.2203	925.1611	3.411765
0	0	266.3023	9.76324	54.1034	253.0355	0
0	0	2085.696	87.86916	566.2823	1826.6	3.411765
0	0	502.112	14.64486	165.9171	442.8121	1.705882
0	0	1595.781	92.75078	501.3582	1387.742	3.411765
0	0	1325.413	73.2243	364.2962	1164.359	3.411765
0	0	829.3995	34.17134	248.8756	719.5697	0
0	0	1333.544	107.3956	490.5375	1172.266	0
659.0229	0	413.8059	2.333333	737.1196	329.6289	0

316.4615	0	244.7618	0	362.6153	193.6995	0
531.7858	0	567.0021	2.333333	627.1461	463.8592	4.5
195.7494	0	558.1977	0	249.6695	499.5407	0
349.0864	0	510.654	0	404.2269	446.868	0
391.4987	0	611.024	2.333333	505.2836	499.5407	0
561.1482	0	1692.202	0	864.9266	1435.755	0
848.2472	0	1352.353	0	1070.012	1140.108	4.5
0	0	998.6461	51.07389	412.5175	856.7471	1.909091
0	0	685.8952	38.30542	274.0698	569.0493	1.909091
0	0	662.1693	35.1133	242.9897	571.1647	5.727273
0	0	1777.288	70.2266	423.8193	1698.686	1.909091
0	0	931.7821	28.72906	259.9425	812.3232	0
0	0	1766.504	105.3399	607.4743	1478.682	1.909091
0	0	411.9685	9.576355	96.06571	404.0462	3.818182
0	0	1158.257	60.65025	420.9938	968.8646	0
0	0	1619.834	86.18719	457.7248	1449.066	0
0	0	873.5458	51.07389	178.0041	816.554	0
0	0	1891.604	47.88177	387.0883	1747.341	3.818182
0	0	845.506	63.84236	367.3101	723.4753	0
0	0	440.6919	13.76289	131.7328	389.837	1.857143
0	0	1887.345	68.81443	570.0438	1666.629	1.857143
0	0	1301.832	57.80412	572.439	1101.516	0
0	0	1354.777	104.5979	701.7767	1080.362	0
0	0	1178.812	60.5567	344.9005	1051.653	1.857143
0	0	1242.658	52.29897	359.2713	1112.093	3.714286
0	0	1069.807	41.28866	304.1831	942.8615	0
0	0	1378.135	49.54639	366.4568	1258.66	1.857143
0	0	689.8463	22.02062	174.8454	622.5303	1.857143
0	0	1054.235	24.7732	277.8365	947.3945	0
0	0	703.8613	38.53608	239.5142	613.4644	0
1291.277	72.28571	1126.843	2.545455	1315.489	1169.427	0
1302.806	92	1393.289	2.545455	1309.891	1470.217	2.333333
2830.433	121.5714	1645.857	2.545455	2877.283	1709.162	2.333333
1919.621	88.71429	1829.039	2.545455	1964.837	1886.263	0
1106.809	36.14286	965.8656	0	1085.978	1000.759	0
1187.514	78.85714	3039.146	10.18182	1259.511	3109.101	2.333333
795.5188	46	1187.904	0	783.6957	1239.705	2.333333
1856.211	121.5714	1451.574	0	1858.478	1543.306	2.333333
916.576	62.42857	1448.798	2.545455	934.837	1484.272	2.333333
939.6345	59.14286	1604.225	0	974.0217	1647.317	2.333333
564.9336	55.85714	760.4804	0	554.1848	820.8476	0
1204.807	82.14286	1759.652	5.090909	1321.087	1779.44	2.333333
1717.859	95.28571	1615.327	0	1785.707	1664.184	2.333333
984.3082	0	426.538	0	1016.939	440.9753	0
667.4419	0	547.6197	10.80952	721.6989	547.7081	8.148148
1867.489	0	883.3464	0	1948.587	856.6717	0
1631.525	0	462.3121	28.8254	1594.299	485.9154	20.37037

1132.629	0	437.5454	0	1148.157	426.9315	0
3997.909	0	762.2646	18.01587	4094.001	752.7476	0
2696.735	0	654.9422	10.80952	2670.286	679.7198	4.074074
2002.326	0	500.8381	10.80952	2007.635	511.1942	0
1361.851	0	624.6717	14.4127	1371.228	637.5884	4.074074
2474.254	0	465.064	7.206349	2460.337	460.6366	4.074074
1287.691	0	343.9822	7.206349	1279.375	348.2862	4.074074
1240.498	0	371.5008	7.206349	1161.279	404.4614	0
1671.976	0	608.1606	7.206349	1679.59	612.3096	4.074074
1523.655	0	778.7758	3.603175	1548.372	778.0264	0
2009.067	0	580.642	3.603175	2047.001	570.1782	4.074074
1658.492	0	668.7015	7.206349	1666.468	668.4848	0
1793.329	0	668.7015	3.603175	1837.052	657.2497	4.074074
1395.56	0	489.8307	7.206349	1443.398	471.8716	4.074074
2413.578	0	718.2349	7.206349	2434.094	727.4687	8.148148
2966.408	0	809.0462	7.206349	3018.014	778.0264	8.148148
3101.245	0	679.7089	10.80952	3142.671	665.676	8.148148
1213.531	0	354.9897	3.603175	1253.132	342.6687	0
2292.225	0	390.7638	7.206349	2368.485	367.9475	8.148148
1928.165	0	330.2229	3.603175	1968.27	303.346	0
2689.993	0	517.3493	10.80952	2709.651	494.3417	4.074074
4321.517	0	580.642	0	4402.363	553.3256	0
4058.586	0	608.1606	3.603175	4251.463	525.238	0
2959.666	0	550.3716	3.603175	3070.501	522.4293	4.074074
2123.679	0	836.5648	18.01587	2132.292	848.2454	8.148148
2541.673	0	382.5082	3.603175	2624.36	362.33	0
0	0	1365.274	79.56989	723.232	1042.057	9.333333
0	0	1282.39	99.46237	602.6933	1059.497	0
0	0	794.2993	47.74194	511.3761	562.4492	4.666667
0	0	2620.036	143.2258	949.6986	2227.996	0
380.9932	0	1150.915	4.666667	576.6923	956.6847	1.5
302.0068	0	910.0849	2.333333	443.3077	767.3153	1.5
1896.066	0	373.0347	6	1881.865	398.9456	3.333333
3108.613	0	424.7425	6	3112.68	459.4493	0
2556.178	0	230.8383	3	2509.153	260.9218	1.666667
2495.317	0	526.3114	4.5	2480.64	572.8935	0
2954.118	0	230.8383	3	2927.345	262.8125	1.666667
2710.673	0	561.3988	16.5	2661.223	618.2712	13.333333
1512.171	0	184.6707	3	1444.664	224.9978	0
1980.336	0	212.3713	6	1896.121	268.4847	3.333333
1727.527	0	339.794	6	1758.308	342.2235	1.666667
874.4965	0	1122.303	5.95122	860.883	1119.068	0
745.1695	0	2394.772	8.926829	722.2173	2423.324	7.545455
1408.794	0	141.1423	2.489362	1362.992	164.9834	3.181818
482.0791	0	1003.393	0	506.5172	997.634	0
1872.152	0	328.4765	2.489362	1874.114	322.2332	6.363636
948.3976	0	951.0592	5.95122	935.9936	960.3348	0

665.11	0	753.4707	0	751.1059	706.362	0
1408.794	0	1013.658	2.489362	1450.481	982.1668	6.363636
812.9122	0	1954.809	2.97561	1016.882	1880.986	0
655.2531	0	577.4002	7.468085	695.31	561.9747	6.363636
1338.588	0	1070.115	4.978723	1427.458	1023.413	0
907.9936	0	184.7681	0	902.5216	188.1842	0
1230.94	0	1203.559	4.978723	1307.735	1190.974	0
819.0706	0	1093.323	5.95122	889.7717	1058.22	3.772727
1390.073	0	816.0589	4.978723	1390.62	812.0277	3.181818
825.2291	0	2065.458	0	947.549	2018.555	0
695.9021	0	1812.545	5.95122	762.6614	1796.329	7.545455
1254.342	0	564.5691	4.978723	1257.084	559.3968	0
677.4268	0	1098.592	0	768.4392	1060.866	0
985.3481	0	1095.957	5.95122	1039.993	1060.866	3.772727
964.1581	0	1082.946	4.978723	994.6156	1067.236	3.181818
931.3955	0	818.6251	7.468085	962.3827	822.3391	3.181818
1219.368	0	911.5415	8.926829	1242.214	883.6139	0
1511.763	0	787.8305	0	1501.133	793.9826	0
1198.177	0	667.218	4.978723	1238.665	652.2	0
996.9208	0	384.9335	2.489362	1008.43	389.2577	3.181818
851.829	0	893.0456	4.978723	907.1263	863.585	3.181818
320.2381	0	439.9637	0	346.6643	439.1614	0
716.098	0	1021.357	2.489362	741.357	1013.101	3.181818
1142.013	0	61.58935	2.489362	1141.966	48.97945	0
2040.645	0	392.6321	4.978723	2113.558	368.6348	3.181818
2691.218	0	207.8641	7.468085	2712.169	185.6063	0
711.4177	0	959.7674	0	750.5664	943.4988	0
831.3875	0	1867.87	0	935.9936	1822.784	0
1151.373	0	410.5957	4.978723	1201.827	402.147	0
1083.883	0	1475.327	0	1091.992	1449.762	0
757.4864	0	1090.688	0	779.9946	1074.094	0
472.7183	0	1018.791	4.978723	515.7266	1007.945	0
911.447	0	1061.709	2.97561	970.66	1031.765	0
1939.904	0	1572.804	8.926829	1964.431	1537.065	11.31818
1146.693	0	615.8935	12.44681	1201.827	595.487	3.181818
622.001	0	1293.546	5.95122	716.4395	1253.991	0
1015.642	0	597.93	0	990.0109	621.2656	0
504.9909	0	389.9079	2.97561	543.1074	373.0226	0
911.447	0	1135.475	2.97561	930.2158	1119.068	3.772727
2666.598	0	353.0247	8.926829	2715.537	285.7195	7.545455
726.6942	0	1053.805	0	797.3278	1015.891	3.772727
1558.082	0	961.5973	2.97561	1606.211	918.006	3.772727
1009.982	0	2091.803	11.90244	1178.659	2002.682	7.545455
825.2291	0	648.0902	0	826.2165	626.9955	0
1581.968	0	1147.102	4.978723	1611.646	1147.15	6.363636
1385.392	0	459.3539	2.489362	1473.505	415.0364	3.181818
500.8006	0	184.7681	0	506.5172	180.4506	0

865.8702	0	628.7246	7.468085	874.8934	626.4213	6.363636
1216.899	0	615.8935	2.489362	1220.246	618.6877	6.363636
794.4369	0	223.9336	0	803.1056	206.3529	0
1046.932	0	1045.902	11.90244	1097.77	1010.6	3.772727
541.9415	0	1077.516	0	577.7738	1055.575	11.31818
812.9122	0	2010.133	0	947.549	1939.189	0
1071.566	0	1859.966	5.95122	1103.548	1838.658	3.772727
326.3966	0	969.5008	2.97561	375.553	947.1071	3.772727
1071.566	0	848.3132	0	1086.215	820.1207	0
911.447	0	877.2928	2.97561	953.3268	851.8673	0
672.6992	0	1051.055	3.2	671.1615	1042.14	4.666667
619.6786	0	1080.802	0	628.6	1057.135	0
609.7372	0	1152.69	3.2	651.5177	1127.111	4.666667
662.7579	0	1179.958	3.2	690.8052	1149.603	0
487.127	0	1410.496	6.4	500.9156	1412.012	4.666667
0	0	344.9903	13.2	235.322	219.7864	1
0	0	321.2524	22	193.9228	230.2524	1
0	0	259.534	19.8	246.2166	164.466	0
0	0	501.6602	13.2	248.3955	370.7961	0
0	0	528.5631	8.8	233.1431	400.699	0
514.6003	0	101.5771	0	502.2108	105.5107	0
392.3472	0	200.8456	2.1	398.9786	194.6086	0
719.3032	0	267.7941	8.4	744.9461	250.881	0
1228.217	0	898.0336	6.3	1291.798	853.4644	0
588.5208	0	80.79993	0	585.9126	72.68515	6.25
997.9266	0	182.377	0	998.8415	164.1278	0
787.5375	0	295.4969	4.2	834.228	260.2597	0
594.207	0	422.4682	6.3	647.294	379.8385	0
790.3806	0	487.1082	2.1	831.4379	447.8343	6.25
1091.749	0	392.4568	4.2	1129.974	354.047	6.25
1034.887	0	563.291	0	1065.803	541.6216	6.25
1077.533	0	512.5024	2.1	1082.543	499.4173	0
235.9769	0	16.15999	0	234.3651	11.72341	0
796.0668	0	752.5937	2.1	850.9684	708.0941	0
813.1254	0	1066.559	0	845.3882	1029.316	0
423.6213	0	844.9365	4.2	474.3102	806.5707	0
309.6717	0	98.73684	2	318.1351	94.63291	1.5
222.8847	0	14.73684	0	220.5476	13.51899	0
195.2707	0	150.3158	0	193.2232	154.7173	0
226.8296	0	175.3684	0	230.3064	171.2405	1.5
220.9123	0	13.26316	0	228.3546	10.51477	0
142.015	0	209.2632	0	160.0434	199.7806	0
256.416	0	66.31579	0	267.3896	67.59494	0
1740.486	0	659.4773	2.9375	1826.493	639.7551	5.6
1201.346	0	700.8563	20.5625	1198.272	727.1112	2.8
1916.293	0	964.6472	5.875	1983.548	950.6401	0
949.356	0	473.2719	2.9375	959.7814	467.6122	0

1371.292	0	662.0635	5.875	1390.229	660.3095	0
1793.228	0	695.6839	8.8125	1820.676	688.5718	5.6
2838.009	0	683.8245	12.5	2844.611	698.741	10
2144.511	0	518.3327	2.5	2144.073	525.6295	0
2016.48	0	505.8428	5	2027.316	525.6295	0
270.5243	0	603.2877	0	302.2853	589.8567	0
391.9842	0	420.2904	0	427.5566	412.0917	0
518.965	0	50.27397	0	514.7019	50.50143	0
441.6723	0	64.35068	0	430.2799	66.66189	0
433.391	0	28.15342	0	446.6197	14.1404	0
386.4633	0	301.6438	0	427.5566	276.7479	0
2320.792	0	1499.463	9.9	2577.231	1261.174	8.4
1440.036	0	1177.463	6.6	1676.701	980.6596	4.2
1484.074	0	1196.687	0	1659.548	1026.272	2.1
1299.115	0	470.9851	6.6	1359.372	399.1056	4.2
1144.983	0	485.403	9.9	1222.148	412.7893	2.1
0	0	902.5818	13	432.8194	719.2967	1
0	0	535.9079	8	204.5516	457.7342	0
0	0	618.5103	9	281.629	501.9691	0
1759.491	0	270.7951	7.857143	1767.363	266.3213	5.090909
2037.756	0	156.3126	0	2035.017	157.5734	0
1357.077	0	233.3681	0	1376.504	230.8118	0
2791.212	0	418.3013	10.47619	2812.487	419.456	7.636364
971.7868	0	200.3443	0	951.6572	217.4957	2.545455
1502.631	0	647.2663	2.619048	1537.946	648.0485	0
1421.292	0	259.7871	13.09524	1410.492	272.9793	0
2067.723	0	264.1903	7.857143	2111.489	244.1278	10.18182
2508.666	0	182.7316	7.857143	2506.597	184.2056	2.545455
491.7265	19.93846	232.024	0	503.9249	234.8062	0
436.6619	0	255.384	0	467.3317	244.1278	0
2072.004	0	722.1202	0	2069.005	739.0416	2.545455
920.4149	0	557.0013	0	917.6695	559.2747	0
1104.498	0	204.7475	2.619048	1108.851	199.741	2.545455
1635.342	0	486.5505	13.09524	1622.915	503.7911	10.18182
2183.31	0	253.1824	2.619048	2179.465	253.0052	7.636364
1311.271	97.47692	1096.841	7.5	1397.246	1116.761	3.833333
1326.881	115.2	855.229	2.5	1423.97	897.2271	1.916667
1182.485	66.46154	594.4417	2.5	1248.359	591.7881	5.75
1532.598	0	614.2425	2.619048	1537.946	614.7583	2.545455
1486.887	106.3385	1982.751	2.5	1465.963	2042.623	1.916667
2324.583	0	1331.96	18.33333	2374.895	1327.168	10.18182
1365.907	66.46154	828.3833	10	1427.787	830.4123	7.666667
2405.922	0	675.8869	10.47619	2396.137	690.216	7.636364
1755.21	0	713.3139	0	1750.37	725.7255	0
1545.426	104.1231	1422.825	0	1656.844	1427.927	1.916667
2123.376	0	860.8201	5.238095	2107.241	874.4216	2.545455
738.3424	0	143.6005	0	745.1455	142.3953	2.545455

1078.812	0	554.7997	2.619048	1070.614	554.836	5.090909
650.7119	0	554.7997	2.619048	645.7674	565.9327	2.545455
1845.618	0	964.4915	2.384615	2036.489	795.3146	5.555556
741.58	0	449.098	2.384615	858.713	363.2145	0
1637.309	0	1039.341	2.384615	1874.988	868.375	2.777778
1491.492	0	1065.004	9.538462	1681.974	916.3861	0
641.5916	0	220.2719	0	653.8824	198.3068	0
1266.519	0	951.6601	11.92308	1374.729	860.0252	8.333333
1291.516	0	968.7686	2.384615	1433.814	853.7629	5.555556
1062.376	0	885.3647	0	1201.41	778.615	2.777778
603.3606	0	543.6143	0	613.9291	535.4072	4.2
995.6803	0	205.5851	3.857143	1009.752	198.299	4.2
641.2398	0	984.4361	7.714286	657.0118	981.5799	0
922.6277	0	770.944	0	942.435	763.451	0
600.655	0	713.6174	3.857143	616.6217	705.9443	8.4
1114.729	0	251.051	7.714286	1149.771	228.0438	4.2
673.7076	0	446.7521	3.857143	705.4799	434.2747	0
1650	0	1085	5	1853	895	3
1559.74	0	1652.766	6.25641	1681.737	1509.791	9.9375
862.835	0	1831.359	3.128205	1089.906	1644.028	0
509.857	0	1091.922	3.128205	720.7443	939.6603	1.65625
461.5865	0	383.8177	4.692308	559.6023	321.2643	6.625
645.6178	0	645.4404	0	791.0608	545.9984	0
2120.885	0	753.536	4.692308	2267.708	641.0202	3.3125
1752.822	0	534.2116	3.128205	1878.037	443.4352	6.625
790.4293	0	202.0918	0	835.0087	173.4525	0
630.5333	0	415.1498	0	711.9548	363.4962	0
715.0066	0	371.2849	3.128205	764.6922	478.1257	0
283.5891	0	1939.454	3.128205	290.0556	1847.647	8.28125
657.6854	0	813.0669	1.564103	755.9026	720.9592	0
612.4318	0	827.1663	3.128205	700.2353	748.1083	1.65625
829.649	0	1723.263	4.692308	978.5716	1589.73	0
1134.356	0	2329.538	4.692308	1297.926	2128.187	1.65625
546.0599	0	766.0688	1.564103	612.3397	701.3516	3.3125
1279.168	0	1330.046	4.692308	1435.629	1346.897	4.96875
1025.748	0	1218.817	9.384615	1215.89	1064.848	4.96875
2005.272	0	853.7707	0	2066.263	823.856	2.714286
2257.591	0	1272.941	4.666667	2368.222	1195.501	2.714286
1655.567	0	1254.94	4.666667	1729.794	1192.902	5.428571
1646.714	0	1146.933	0	1682.344	1114.934	2.714286
1549.327	0	1005.495	4.666667	1552.933	984.9887	5.428571
1084.529	0	948.9199	0	1147.445	914.818	0
1295.162	0	671.8385	5	1322.352	660.809	2.5
1594.405	0	737.6513	0	1646.194	688.9286	0
1089.432	0	611.5102	0	1115.454	579.2624	2.5
0	0	127.5157	34	552.7238	32.57143	0
0	0	735.3403	47.6	775.6976	453.9643	3.666667

0	0	412.3006	34	621.8143	217.8214	7.333333
0	0	569.5699	47.6	907.5976	313.5	0
0	0	1134.889	40.8	744.2929	863.1429	0
0	0	74.38413	17	354.8738	0	0
2194.114	0	696.9967	4.831461	2209.113	695.0255	0
2619.378	0	518.6529	4.831461	2658.269	502.4723	5.269231
2311.216	0	939.0347	4.831461	2367.999	911.4187	10.53846
1602.443	0	473.157	2.41573	1616.35	465.7955	2.634615
375.9577	0	212.9207	0	391.1017	205.3901	0
2452.97	0	829.8446	12.07865	2517.717	814.2251	5.269231
1596.28	0	993.6298	7.247191	1579.684	1017.781	5.269231
1852.054	0	535.0314	2.41573	1842.456	535.4814	5.269231
1093.975	0	620.5636	14.49438	1115.251	612.5027	10.53846
1898.278	0	593.2661	4.831461	1876.066	612.5027	10.53846
452.9982	0	120.1091	7.247191	439.9894	126.535	2.634615
1220.322	0	966.3322	12.07865	1200.804	999.443	7.903846
1482.26	0	1517.742	0	1536.907	1505.583	0
813.5479	0	491.3554	4.831461	828.0356	482.3	0
915.2413	0	1426.75	9.662921	1008.309	1404.722	5.269231
640.9771	0	873.5207	2.41573	647.7622	876.5757	0
921.4046	0	937.2149	14.49438	950.2549	937.0924	13.17308
1768.85	0	1526.841	2.41573	1781.346	1529.423	5.269231
1579.156	0	738.6891	7.247191	1615.437	714.9855	2.634615
674.8749	0	778.8893	2.41573	687.4834	781.216	2.634615
431.4269	0	669.6992	2.41573	464.4333	667.5179	0
810.4662	0	460.4182	4.831461	831.0911	452.9586	0
505.3858	0	678.7983	0	522.4874	680.3548	0
819.7111	0	922.6562	0	821.9246	929.7571	0
1326.773	7	1068.856	9.662921	1325.775	1082.148	5.269231
1858.217	0	544.1306	12.07865	1921.898	520.8107	2.634615
1417.546	0	333.0298	7.247191	1405.522	341.0943	2.634615
967.6289	0	265.6959	2.41573	950.2549	271.4084	0
961.4657	0	25.47769	7.247191	959.4213	27.50761	2.634615
409.8556	0	94.6314	9.662921	400.2681	95.3597	5.269231
416.0188	0	20.01818	2.41573	409.4346	23.83992	0
841.2825	0	23.65785	0	818.8692	25.67377	2.634615
835.1192	0	25.47769	0	831.0911	29.34145	0
832.0376	0	30.93719	7.247191	824.9801	42.17833	0
1072.404	0	36.39669	2.41573	1060.252	42.17833	2.634615
1491.504	0	456.7785	7.247191	1494.131	452.9586	5.269231
517.7123	0	16.37851	0	522.4874	11.00304	0
1368.24	0	40.03636	0	1368.856	42.17833	2.634615
727.2625	0	383.9851	0	721.0937	381.4388	0
1075.486	0	744.3124	2.41573	1066.363	751.8745	0
1211.077	0	464.0579	4.831461	1206.915	463.9616	5.269231
483.8145	0	7.279339	0	476.6552	5.501521	0
884.4251	0	63.69421	2.41573	879.9788	64.18441	2.634615

1454.525	0	884.4397	9.662921	1433.021	900.4156	0
1673.32	0	1377.615	0	1677.46	1391.885	2.634615
1879.66	0	613.4058	9.517241	1894.408	612.6381	5.517857
573.8495	42.59535	538.7797	12.27273	651.7651	535.8013	3.352941
977.5459	44.83721	746.0027	0	1006.687	748.5164	5.029412
1145.103	38.11163	167.7519	2.045455	1173.848	156.6616	1.676471
1377.906	62.77209	586.145	4.090909	1471.311	563.8958	3.352941
1244.97	0	636.9161	4.758621	1280.287	610.496	1.839286
547.5076	0	309.9088	2.37931	551.6682	308.4611	1.839286
1914.533	0	284.2612	11.89655	1942.983	269.9035	7.357143
453.3503	0	442.4216	2.37931	492.6849	424.134	0
1129.888	0	406.0874	9.517241	1144.972	409.1394	3.678571
1258.919	0	609.1312	7.137931	1339.27	578.3646	1.839286
1733.193	0	181.6707	4.758621	1790.32	154.2306	0
1632.061	0	495.8541	9.517241	1637.657	496.9651	7.357143
1213.584	0	506.5407	11.89655	1238.651	496.9651	3.678571
920.8282	49.32093	637.4573	2.045455	935.7024	664.2331	0
1421.278	60.53023	505.2293	4.090909	1448.725	515.7339	5.029412
1088.041	0	874.1567	11.89655	1172.729	835.4155	7.357143
1558.827	0	235.1033	11.89655	1596.021	227.0617	5.517857
1182.198	0	245.7898	2.37931	1193.546	235.63	5.517857
1799.452	0	109.0024	7.137931	1814.607	98.53619	1.839286
1157.787	0	192.3572	4.758621	1144.972	205.6408	1.839286
1161.274	0	316.3207	0	1172.729	314.8874	0
1283.33	0	136.7873	11.89655	1332.331	115.6729	9.196429
2542.249	0	645.4653	19.03448	2598.739	619.0643	9.196429
2598.046	0	222.2794	2.37931	2650.783	194.9303	0
2489.939	0	1028.042	16.65517	2550.165	1008.925	9.196429
1258.919	0	66.25637	0	1283.756	47.12601	0
1283.33	0	55.56986	0	1290.696	53.55228	1.839286
1848.274	0	109.0024	9.517241	1870.121	83.54155	5.517857
1788.99	0	104.7278	4.758621	1811.137	100.6783	0
804.0565	44.83721	479.5732	2.045455	884.0774	463.5584	0
1258.919	0	765.1542	7.137931	1255.999	775.437	3.678571
924.1371	0	628.3669	0	922.9167	638.3432	0
1321.69	0	57.70716	4.758621	1360.088	36.41555	0
1565.802	0	230.8287	2.37931	1519.69	250.6247	3.678571
1719.244	0	318.458	2.37931	1731.336	312.7453	1.839286
1914.533	0	109.0024	4.758621	1956.861	98.53619	1.839286
1182.198	0	551.424	9.517241	1186.607	569.7962	1.839286
1124.345	69.49767	949.2785	2.045455	1213.187	937.1506	8.382353
1234.444	82.94884	860.4687	0	1255.132	909.0562	1.676471
1070.963	40.35349	603.9069	4.090909	1138.976	591.9902	1.676471
944.1826	56.04651	728.2407	2.045455	948.6086	754.5367	3.352941
1508.023	60.53023	726.2672	0	1487.444	766.5772	6.705882
1060.954	56.04651	678.9019	2.045455	1100.257	676.2736	8.382353
977.5459	71.73953	1105.189	4.090909	1093.804	1095.684	3.352941

1267.807	76.22326	1162.422	0	1319.663	1187.994	0
1488.005	71.73953	826.9183	4.090909	1503.577	864.9077	5.029412
727.3208	35.86977	487.4674	0	790.5072	467.5719	0
0	0	1254	95	591	988	5
1560.513	0	213.2865	0	1585.382	200.9517	0
2292.998	0	226.3448	6.25	2325.65	203.0895	4.8
1745.227	0	435.2785	10.41667	1798.249	395.4901	4.8
1474.525	0	339.5172	0	1505.954	309.9787	1.6
1652.87	0	167.5822	4.166667	1677.518	160.3338	4.8
1710.195	0	87.0557	2.083333	1734.706	74.82244	0
1735.672	0	171.935	2.083333	1785.54	160.3338	0
616.9821	45.65169	1569.191	0	681.296	1574.535	0
747.8571	134.2697	2168.248	0	800.744	2254.226	2.333333
729.1607	59.07865	1719.561	4	729.96	1765.24	4.666667
1002.784	0	353.3975	3.882353	1031.564	357.0292	0
1016.558	0	41.66695	0	1026.106	34.00278	0
809.9407	0	206.7916	5.176471	813.2433	204.0167	4.2
1126.754	0	172.8407	1.294118	1132.537	173.1051	1.4
622.6074	0	324.0763	1.294118	638.587	319.9352	0
1380.205	0	33.95085	1.294118	1394.521	23.18371	0
779.6368	0	35.49407	0	799.5983	27.82045	0
1157.058	0	49.38306	1.294118	1170.743	37.09394	1.4
1143.284	0	375.0026	1.294118	1176.201	350.8468	1.4
1187.362	0	396.6077	2.588235	1214.407	384.8496	4.2
575.7741	0	345.6814	1.294118	584.0069	346.2101	2.8
1121.244	0	266.9772	0	1137.995	253.4753	0
856.774	0	27.77797	0	859.6364	27.82045	0
939.421	0	564.8187	3.882353	952.4225	561.0458	4.2
655.6663	0	847.2281	1.294118	720.4571	819.1578	1.4
669.4408	0	293.2119	3.882353	687.7091	287.478	2.8
801.676	0	554.0162	0	832.3463	547.1356	1.4
1308.578	0	38.58051	0	1296.277	35.54836	2.8
1239.705	0	44.7534	1.294118	1225.323	46.36742	1.4
1462.852	0	41.66695	2.588235	1438.185	43.27626	1.4
396.7056	0	597.2264	5.176471	436.6407	581.1384	0
691.48	0	885.8086	2.588235	701.3541	880.9811	2.8
1614.372	0	748.462	56.94118	1651.048	746.5155	0
366.4017	0	643.523	1.294118	425.7247	621.3235	0
451.8036	0	757.7213	1.294118	477.5758	761.9713	0
509.6565	0	617.2882	0	545.8009	604.3221	4.2
782.3917	0	797.845	0	862.3654	755.789	1.4
1344.391	0	1057.106	3.882353	1361.773	1044.813	1.4
1487.646	0	618.8314	3.882353	1500.952	618.2323	0
2192.901	0	268.5204	2.588235	2177.745	270.4766	1.4
1225.931	0	490.7441	0	1247.155	476.0389	0
0	0	993.6536	207.3884	917.1037	588.6704	1.8
0	0	1018.038	181.9196	710.8347	715.3463	3.6

0	0	1393.96	229.2188	913.9303	985.464	3.6
0	0	847.3488	196.4732	1009.131	400.5194	0
873.3698	0	290.3777	0	877.5754	284.4531	0
591.102	0	495.3501	0	586.1418	496.3612	1.96875
823.5578	0	838.8688	3.628866	900.4972	824.7232	1.96875
919.8609	0	552.2869	1.814433	959.4388	547.9064	0
474.874	0	1026.76	1.814433	582.8673	981.2678	1.96875
796.9914	0	575.0616	1.814433	835.0065	572.7244	0
694.0467	0	406.1491	0	713.8487	402.8162	0
1534.208	0	428.9239	5.443299	1591.424	402.8162	1.96875
1501	0	461.188	1.814433	1532.482	454.3614	1.96875
720.6131	0	626.3048	0	753.1431	618.5424	0
438.3453	0	163.2188	3.628866	464.984	154.6356	1.96875
1371.489	0	375.7829	7.257732	1427.697	343.6346	3.9375
810.2746	0	87.30309	1.814433	798.9866	85.90866	3.9375
1401.377	0	415.6386	0	1430.972	404.7253	0
1185.525	0	381.4765	1.814433	1221.402	360.8164	1.96875
2553.693	0	216.3598	9.072165	2629.452	181.3627	1.96875
1414.66	0	149.9336	1.814433	1421.148	137.4539	0
972.9937	0	301.765	7.257732	998.7332	286.3622	3.9375
1019.485	0	66.42626	0	1031.479	57.27244	0
730.5755	0	125.261	0	704.0251	135.5448	0
909.8985	0	53.14101	0	897.2226	51.5452	1.96875
1437.905	0	60.73258	1.814433	1444.07	53.45428	1.96875
1298.432	0	144.2399	5.443299	1309.814	131.7266	5.90625
1042.73	0	83.5073	1.814433	1038.028	76.36326	1.96875
660.8387	0	227.7472	1.814433	681.1033	227.1807	1.96875
713.9715	0	273.2966	7.257732	707.2996	284.4531	0
664.1595	0	256.2156	1.814433	684.3778	263.4532	1.96875
843.4826	0	41.75365	3.628866	874.3009	22.90898	1.96875
1574.058	0	626.3048	5.443299	1620.895	626.1787	1.96875
1600.624	0	404.2512	0	1643.817	391.3617	3.9375
757.1418	0	675.65	1.814433	805.5356	645.2695	3.9375
1358.206	0	483.9628	1.814433	1404.776	454.3614	0
1408.018	0	341.6208	0	1447.345	309.2712	1.96875
713.9715	0	421.3323	7.257732	740.0449	418.0888	1.96875
830.1994	0	628.2026	1.814433	880.85	620.4514	0
674.1219	0	535.2059	0	684.3778	542.1791	0
1547.492	0	339.7229	9.072165	1617.62	309.2712	1.96875
1916.1	0	204.9725	5.443299	1895.956	208.0899	1.96875
2321.237	0	345.4166	7.257732	2367.489	307.3621	7.875
1275.186	0	170.8104	1.814433	1273.794	162.2719	1.96875
966.3521	0	237.2366	0	992.1841	221.4534	1.96875
1627.191	0	149.9336	1.814433	1670.013	108.8176	0
1886.213	0	218.2577	0	1922.152	179.4536	1.96875
1537.529	0	62.63048	3.628866	1565.228	32.45438	5.90625
1610.587	0	104.3841	0	1637.268	87.81774	0

1341.602	0	66.42626	1.814433	1368.756	49.63612	0
1740.098	0	104.3841	0	1778.073	74.45417	0
1218.733	0	269.5008	1.814433	1250.872	250.0897	1.96875
2636.713	0	371.9871	5.443299	2714.59	322.6348	3.9375
1587.341	0	75.91573	1.814433	1565.228	68.72693	1.96875
1766.664	0	87.30309	1.814433	1774.798	55.36336	0
1301.753	0	119.5673	5.443299	1329.461	97.36315	1.96875
1773.306	0	149.9336	3.628866	1784.622	146.9993	3.9375
1109.146	0	165.1167	0	1119.891	152.7265	1.96875
2513.844	0	195.483	1.814433	2534.49	175.6355	1.96875
1760.023	0	347.3145	1.814433	1784.622	328.362	1.96875
2151.877	0	406.1491	7.257732	2187.389	383.7254	1.96875
1441.226	0	83.5073	3.628866	1424.423	70.63601	3.9375
1248.62	0	151.8315	0	1283.618	124.0903	1.96875
1075.938	0	168.9125	1.814433	1100.244	146.9993	0
1723.494	0	159.423	5.443299	1778.073	120.2721	3.9375
1773.306	0	284.684	0	1827.191	257.726	1.96875
1026.126	0	100.5883	0	1038.028	87.81774	0
624.3099	0	68.32415	1.814433	635.2598	62.99969	1.96875
1570.737	0	210.6661	0	1591.424	185.1809	1.96875
1447.868	0	170.8104	0	1516.11	125.9994	0
1637.153	0	218.2577	1.814433	1633.993	219.5444	1.96875
1451.189	0	220.1556	5.443299	1525.933	167.9992	1.96875
1348.244	0	96.79255	3.628866	1408.05	61.0906	1.96875
1317.967	0	432.6698	2.772727	1421.476	348.4858	1.515152
1293.409	0	752.0214	5.545455	1433.001	653.1619	1.515152
1117.407	0	1137.304	0	1352.323	967.7948	1.515152
1207.454	0	890.0637	5.545455	1367.69	760.6947	6.060606
740.8449	0	1275.346	0	941.2476	1117.146	0
1101.035	0	935.391	2.772727	1336.956	780.6082	15.15152
904.5675	0	1015.744	2.772727	1194.808	810.4784	1.515152
1481.69	0	152.4646	8.318182	1540.573	107.5328	3.030303
1710.901	0	609.8584	8.318182	1813.342	513.7676	4.545455
1592.203	0	902.4257	8.318182	1763.399	752.7293	1.515152
1317.967	0	1061.071	5.545455	1486.787	910.0457	3.030303
695.8212	0	974.5373	5.545455	956.6149	778.6168	4.545455
1039.639	0	1448.414	2.772727	1267.803	1260.523	1.515152
867.7299	0	1052.83	0	1160.232	834.3745	1.515152
1006.894	0	945.6926	0	1190.966	794.5476	1.515152
650.7974	0	1164.088	0	845.202	995.6737	0
1563.551	0	1155.847	0	1867.128	933.9419	0
1379.363	0	933.3306	0	1521.364	814.4611	0
1743.646	0	290.5069	0	1917.072	191.1693	1.515152
1940.113	0	218.3952	2.772727	1967.015	173.2472	0
0	0	909.1078	72.12658	571.2032	649.8503	0
0	0	903.4786	19.67089	631.3298	616.7207	1.571429
0	0	607.9482	19.67089	310.6544	445.9757	0

0	0	931.6244	39.34177	506.066	652.3987	3.142857
0	0	1376.327	72.12658	776.6359	1011.728	0
0	0	959.7701	72.12658	571.2032	711.0127	1.571429
0	0	1165.234	65.56962	671.4142	840.9827	0
0	0	537.5838	39.34177	375.7916	356.7806	1.571429
0	0	1187.751	52.4557	566.1926	874.1124	1.571429
0	0	1424.175	65.56962	716.5092	1075.439	1.571429
1603.122	0	1460.341	0	1824.902	1286.637	0
1573.652	0	1674.434	3.8	1893.867	1460.984	3.75
1119.828	0	1243.994	3.8	1230.748	1132.152	7.5
901.7559	0	1023.14	0	1013.245	913.6665	0
1296.642	0	836.0903	11.4	1326.237	752.5611	3.75
1254.993	0	460.4941	4.592593	1280.133	459.535	0
1281.217	0	2122.956	2.296296	1324.919	2113.861	3.857143
1228.77	0	1139.528	2.296296	1298.794	1116.572	1.928571
745.5035	0	1436.117	4.592593	843.4695	1409.893	1.928571
745.5035	0	1162.943	4.592593	772.5584	1167.414	3.857143
1281.217	0	669.2774	0	1295.062	664.8592	0
1206.292	0	698.5461	4.592593	1276.401	684.4138	3.857143
333.1403	0	196.2428	0	353.6531	189.3247	0
1928.73	0	375.4555	2.571429	2033.671	343.6079	4.5
1273.725	0	731.7173	4.592593	1309.99	731.3451	1.928571
483.2661	0	366.8343	0	477.7173	359.8061	0
340.1537	0	679.3021	5.142857	402.6744	656.0757	0
540.0379	0	1218.97	7.714286	598.7593	1197.807	0
1006.434	0	124.5387	2.571429	1116.984	80.60359	2.25
1676.294	0	105.0039	5.142857	1746.525	72.6075	4.5
255.992	0	383.0509	0	287.1243	380.5239	0
764.4693	0	1207.648	5.142857	899.8897	1145.321	2.25
957.3399	0	1749.203	2.571429	1057.458	1702.048	2.25
723.9972	0	1497.204	0	804.0702	1473.354	0
1178.265	0	652.8848	2.571429	1299.063	611.0876	2.25
610.1595	0	175.4193	2.296296	626.0813	173.9557	0
340.1537	0	333.9902	2.571429	392.1698	309.2928	0
663.086	0	677.0824	0	656.8612	680.5029	0
1153.845	0	52.68364	4.592593	1194.293	41.06483	1.928571
1292.456	0	987.3305	2.296296	1358.508	973.8231	0
1813.184	0	815.6209	9.185185	1810.101	819.3411	3.857143
2719.776	0	401.9567	16.07407	2758.071	396.96	3.857143
1001.638	59.62632	1678.603	8.518519	1062.912	1688.978	5.079365
1450.76	55.77946	1259.414	2.12963	1525.591	1237.838	2.539683
914.3988	42.31546	987.9569	2.12963	962.8728	984.3053	2.539683
846.5459	44.23888	1178.162	2.12963	887.8437	1178.184	2.539683
1583.235	57.70289	962.1038	2.12963	1628.756	948.8852	2.539683
688.2224	28.85145	1104.296	2.12963	753.4167	1096.158	5.079365
791.6173	34.62174	939.944	0	734.6594	986.1695	0
1489.533	80.78405	1388.68	8.518519	1594.367	1355.284	22.85714

665.6048	34.62174	1107.989	2.12963	700.2711	1112.936	0
484.6637	19.2343	1128.302	2.12963	543.9606	1099.887	0
1050.105	32.69831	1240.948	2.12963	1103.552	1232.246	0
1773.869	98.09492	1024.89	4.259259	1806.95	1053.281	7.619048
1554.155	90.4012	1427.459	6.388889	1656.891	1435.445	2.539683
1444.298	109.6355	1506.865	8.518519	1503.707	1545.434	5.079365
1117.957	61.54975	925.1708	6.388889	1162.95	922.7862	5.079365
1712.478	101.9418	1543.798	2.12963	1885.105	1491.372	2.539683
491.1258	15.38744	727.5795	0	506.4461	721.451	0
898.2433	32.69831	1131.995	2.12963	878.4651	1148.356	5.079365
707.6089	44.23888	801.4454	4.259259	662.7566	857.5387	2.539683
911.1677	48.08574	982.4169	2.12963	1019.145	947.021	2.539683
1906.344	53.85603	491.2085	2.12963	1903.862	486.56	5.079365
1079.184	73.09033	1154.155	0	1150.445	1163.27	2.539683
1431.373	65.39661	1468.085	2.12963	1444.309	1496.964	2.539683
1121.189	48.08574	810.6786	0	1116.057	831.4397	0
1777.1	78.86062	1597.351	2.12963	1828.833	1606.953	2.539683
898.2433	59.62632	1115.376	0	959.7466	1103.615	2.539683
1001.638	44.23888	1281.574	4.259259	1056.659	1275.123	2.539683
988.7139	44.23888	1030.43	2.12963	1025.397	1040.232	2.539683
1722.172	82.70748	856.8448	2.12963	1788.192	850.0818	0
714.0711	55.77946	908.551	2.12963	719.0284	935.8357	0
849.7769	59.62632	1787.556	2.12963	875.3389	1804.56	2.539683
565.4409	38.4686	1377.6	2.12963	647.1255	1355.284	2.539683
439.4284	51.9326	1408.993	8.518519	518.9509	1411.21	2.539683
361.8822	28.85145	910.3976	0	415.786	902.2798	0
452.3527	36.54517	967.6437	0	500.1937	958.2063	0
1861.108	90.4012	1056.283	10.64815	1906.988	1084.973	12.69841
1117.957	42.31546	936.2507	2.12963	1150.445	930.243	10.15873
694.6846	36.54517	1117.222	4.259259	737.7856	1120.393	2.539683
1537.999	100.0183	1246.488	4.259259	1685.027	1224.789	2.539683
1437.836	51.9326	1071.056	2.12963	1469.319	1064.466	2.539683
2384.545	38.4686	666.6401	0	2422.813	618.9192	2.539683
1492.764	67.32004	1120.916	2.12963	1538.095	1131.578	2.539683
1657.55	71.1669	805.1387	4.259259	1719.416	794.1554	5.079365
1395.831	88.47777	1296.347	2.12963	1416.173	1342.234	0
1777.1	65.39661	674.0266	8.518519	1810.076	687.8952	7.619048
1518.613	46.16231	736.8127	4.259259	1563.105	723.3152	0
962.8651	57.70289	1615.817	6.388889	991.0087	1623.731	2.539683
1066.26	65.39661	1126.455	4.259259	1059.785	1178.184	0
681.7602	34.62174	1039.663	6.388889	747.1643	1008.54	7.619048
1431.373	59.62632	611.2406	0	1519.338	576.0423	2.539683
1043.642	80.78405	1002.73	2.12963	1012.892	1073.788	2.539683
1421.68	53.85603	1191.088	2.12963	1441.183	1202.418	2.539683
856.2391	51.9326	928.8641	2.12963	909.7272	924.6504	7.619048
966.0962	42.31546	712.8063	6.388889	981.63	730.7721	2.539683
1948.348	103.8652	854.9982	8.518519	2041.415	844.4892	7.619048

756.0753	32.69831	758.9725	0	728.407	786.6985	2.539683
720.5333	34.62174	834.6851	2.12963	765.9215	827.7112	0
1382.907	69.24347	1154.155	0	1422.426	1165.134	0
1053.336	46.16231	823.6052	2.12963	1084.795	814.6617	0
933.7853	46.16231	1763.549	0	956.6204	1771.004	0
2668.881	53.85603	360.0964	4.259259	2632.269	367.2503	5.079365
1285.974	61.54975	1473.625	0	1359.901	1472.729	0
1334.441	73.09033	1617.664	2.12963	1309.882	1661.015	2.539683
1098.571	34.62174	1002.73	4.259259	1175.455	965.6631	7.619048
1447.529	57.70289	1192.935	2.12963	1491.202	1196.826	7.619048
823.9282	55.77946	1312.967	2.12963	856.5816	1332.913	2.539683
972.5584	28.85145	565.0744	2.12963	1028.523	542.4864	0
1101.802	57.70289	1185.548	2.12963	1144.193	1189.369	0
1243.97	32.69831	446.8889	2.12963	1241.105	453.0041	2.539683
1386.138	84.63091	1355.44	8.518519	1531.843	1325.457	5.079365
726.9955	21.15773	542.9146	48.98148	756.5429	527.5727	7.619048
823.9282	61.54975	1307.427	4.259259	897.2224	1312.407	2.539683
1512.151	53.85603	699.8797	4.259259	1544.348	691.6236	12.69841
1399.062	50.00917	677.7199	6.388889	1434.931	672.9814	5.079365
743.1509	42.31546	1401.606	0	797.1836	1385.111	0
1709.247	59.62632	642.6336	2.12963	1706.911	656.2035	2.539683
1453.991	73.09033	1154.155	6.388889	1559.979	1114.8	12.69841
1069.491	65.39661	847.6116	2.12963	1100.426	866.8597	0
1670.474	65.39661	618.6272	0	1678.775	624.5119	0
1641.394	50.00917	683.2599	4.259259	1685.027	682.3025	2.539683
1434.604	76.93719	1000.883	2.12963	1550.6	984.3053	5.079365
817.466	44.23888	1191.088	2.12963	872.2127	1196.826	0
1192.273	82.70748	1565.958	2.12963	1275.494	1573.397	0
1541.23	30.77488	851.3049	2.12963	1550.6	851.946	2.539683
1079.184	80.78405	1554.878	0	1141.067	1573.397	5.079365
846.5459	25.00459	975.0303	4.259259	862.834	965.6631	5.079365
801.3106	44.23888	1010.117	2.12963	790.9312	1038.367	2.539683
946.7097	30.77488	1089.523	4.259259	997.2611	1068.195	2.539683
927.3231	44.23888	1093.216	0	897.2224	1131.578	2.539683
672.0669	36.54517	917.7842	4.259259	728.407	900.4156	7.619048
1460.453	53.85603	788.5188	2.12963	1478.697	801.6122	2.539683
924.092	48.08574	1165.235	8.518519	909.7272	1206.147	2.539683
2407.163	67.32004	328.7034	10.64815	2419.687	335.5586	2.539683
739.9198	42.31546	679.5666	0	806.5623	667.3888	0
765.7686	61.54975	908.551	0	828.4457	917.1935	0
1360.289	53.85603	620.4738	2.12963	1381.785	613.3266	5.079365
1366.752	55.77946	781.1323	2.12963	1416.173	782.9701	2.539683
962.8651	30.77488	421.0358	0	956.6204	438.0904	2.539683
917.6299	36.54517	566.921	0	912.8534	581.6349	0
358.6511	30.77488	879.0046	0	431.417	851.946	0
1119.722	0	1182.45	1.777778	1260.117	1049.923	1.714286
1098.106	0	1551.563	5.333333	1283.968	1385.728	3.428571

1271.036	0	1397.05	7.111111	1407.197	1268.834	5.142857
1085.136	0	1806.937	1.777778	1323.719	1619.516	1.714286
2777.184	102.7692	1281.789	2.333333	2824.271	1317.81	5.5
1934.816	64.23077	686.2105	4.666667	1986.729	702.1905	5.5
904.5291	0	981.1957	0	993.1134	925.3713	0
666.4951	0	717.0276	15.42857	740.6971	665.8159	16.76471
1631.615	0	845.7818	0	1617.947	819.2921	0
1527.745	0	1050.013	1.285714	1597.257	990.8244	1.117647
882.8896	0	628.2316	1.285714	922.7678	593.5918	1.117647
1012.726	0	1087.751	0	1026.217	1081.104	0

LocalityCoc	LocalityNar	PrecinctNa	GE21ATGD	GE21ATGR	GE21ATGW	GE21GOVD	GE21GOVC	GE21GOVR	GE21GOVV
1	ACCOMACI	101 - CHIN	722.8198	1281.65	0	711.8482	11.40426	1299.341	1
1	ACCOMACI	201 - ATLA	143.706	550.0358	0	135.3822	2.851064	552.5174	0
1	ACCOMACI	202 - GREE	356.0477	890.6603	1.166667	329.7211	4.276596	908.0849	0
1	ACCOMACI	301 - NEW	476.1602	555.3373	1.166667	476.0212	8.553191	560.4483	0
1	ACCOMACI	401 - BLOX	135.1265	369.7831	1.166667	141.9329	1.425532	372.751	0
1	ACCOMACI	402 - PARK	235.9352	471.8379	0	218.3583	0	489.0705	0
1	ACCOMACI	403 - SAXIS	57.91138	164.348	0	45.85525	1.425532	170.5138	0
1	ACCOMACI	501 - MAPI	240.225	209.4112	1.166667	244.5613	7.12766	208.8463	1
1	ACCOMACI	502 - RUE	246.6596	117.9595	0	251.1121	4.276596	116.3195	0
1	ACCOMACI	601 - ACCC	319.585	531.4803	0	318.8032	5.702128	527.403	1
1	ACCOMACI	602 - TANG	32.17299	205.435	0	24.01942	1.425532	203.5591	1
1	ACCOMACI	701 - NANI	504.0435	685.2253	0	484.7555	4.276596	700.5604	0
1	ACCOMACI	801 - BOBT	218.7763	359.18	0	220.5419	0	360.8547	0
1	ACCOMACI	802 - MELF	338.8888	396.2908	0	331.9047	7.12766	403.1527	0
1	ACCOMACI	803 - WACI	147.9957	363.1561	0	146.3001	1.425532	366.1419	0
1	ACCOMACI	901 - PAIN	857.9463	632.2098	2.333333	866.8826	5.702128	638.4352	0
3	ALBEMARL	101 - WOO	1434.593	668.9913	3	1432.962	22.14894	673.6036	1.5
3	ALBEMARL	103 - BRAN	459.2893	168.2823	1.5	460.3969	7.382979	166.693	1.5
3	ALBEMARL	104 - AGNC	1103.392	358.6345	7.5	1092.749	13.28936	368.9107	4.5
3	ALBEMARL	105 - DUNL	1709.069	539.3311	1.5	1704.763	8.859574	557.4651	0
3	ALBEMARL	106 - NORI	1511.446	1044.178	1.5	1506.921	14.76596	1054.811	1.5
3	ALBEMARL	201 - JACK	1268.078	768.3054	0	1240.668	14.76596	791.1085	1.5
3	ALBEMARL	202 - UNIV	913.0891	195.8696	0	907.8508	16.24255	203.5841	1.5
3	ALBEMARL	203 - GEOR	1280.887	373.8075	0	1272.101	16.24255	383.9404	3
3	ALBEMARL	301 - IVY	1976.225	991.7623	0	1995.053	8.859574	997.4252	1.5
3	ALBEMARL	302 - RED F	1286.376	878.6545	0	1246.215	13.28936	899.049	3
3	ALBEMARL	304 - EAST	475.7579	233.1124	0	464.0948	1.476596	244.5741	0
3	ALBEMARL	305 - COUN	1055.816	502.0883	0	1033.582	14.76596	519.2077	0
3	ALBEMARL	306 - PORT	735.5948	521.3994	1.5	724.8015	16.24255	539.7027	0
3	ALBEMARL	307 - YELL	351.3289	252.4235	0	338.364	13.28936	256.8712	0
3	ALBEMARL	401 - SCOT	521.5038	735.2007	0	506.6214	4.429787	744.6531	0
3	ALBEMARL	402 - MON	455.6296	606.9199	1.5	443.756	7.382979	610.7522	1.5
3	ALBEMARL	405 - MOU	1485.828	478.6391	3	1506.921	14.76596	461.8215	1.5
3	ALBEMARL	406 - STON	957.0052	1019.35	1.5	906.0019	8.859574	1060.277	0
3	ALBEMARL	407 - BISCL	706.3174	228.9743	3	682.2749	17.71915	241.8415	0
3	ALBEMARL	501 - KESW	633.1239	475.8804	1.5	639.7482	2.953191	474.1186	1.5
3	ALBEMARL	502 - STON	638.6134	622.0929	1.5	648.9932	7.382979	616.2175	0
3	ALBEMARL	503 - HOLL	1394.336	704.8547	1.5	1377.493	14.76596	711.861	4.5
3	ALBEMARL	504 - FREE	940.5367	390.3599	1.5	939.2836	7.382979	394.8711	0
3	ALBEMARL	506 - BAKE	1447.402	998.6591	3	1412.623	17.71915	1027.485	0
3	ALBEMARL	507 - PANT	944.1963	529.6756	3	930.0386	5.906383	541.069	1.5
3	ALBEMARL	601 - CROZ	1498.637	1008.315	0	1458.848	17.71915	1035.683	0
3	ALBEMARL	602 - FREE	671.5505	600.0231	0	647.1442	1.476596	625.7819	0
3	ALBEMARL	603 - EARL	1419.954	1200.046	1.5	1395.982	11.81277	1220.138	0
3	ALBEMARL	604 - BROV	1337.611	786.2372	1.5	1327.57	17.71915	785.6432	3
3	ALBEMARL	606 - MECH	1668.812	926.9322	1.5	1675.179	7.382979	931.8411	3

5 ALLEGHAN' 101 - ARRI	121.922	506.9635	0	110.1659	4.333333	518.7109	0
5 ALLEGHAN' 103 - DAMI	40.64067	197.1525	0	32.90669	1.444444	203.6587	0
5 ALLEGHAN' 201 - HUM	67.26731	286.1527	0	64.38266	1.444444	292.5484	0
5 ALLEGHAN' 202 - DOLL	96.69676	359.3808	3	92.99717	1.444444	361.1848	3
5 ALLEGHAN' 301 - CALL	50.45048	322.2035	0	41.49105	1.444444	330.8048	0
5 ALLEGHAN' 302 - GRIFF	163.9641	483.3052	0	150.2262	1.444444	497.3323	0
5 ALLEGHAN' 401 - LOW	92.49255	332.3427	0	95.85862	0	331.93	0
5 ALLEGHAN' 402 - JACKS	124.7248	392.0518	0	117.3195	0	403.9419	0
5 ALLEGHAN' 501 - IRON	88.28834	161.1017	0	84.41282	2.888889	165.4024	0
5 ALLEGHAN' 502 - PETEI	172.3725	582.4447	0	151.6569	2.888889	596.3487	2
5 ALLEGHAN' 601 - DISTF	329.3295	512.5964	0	326.2055	1.444444	519.8361	0
5 ALLEGHAN' 701 - DISTF	250.851	305.3047	0	250.377	7.222222	308.301	0
7 AMELIA CC 101 - NUM	251.1486	881.4208	0	260.7459	1.4375	875.2607	0
7 AMELIA CC 201 - NUM	360.9099	961.55	0	347.036	1.4375	980.1172	0
7 AMELIA CC 301 - NUM	288.3559	932.4121	0	273.877	7.1875	937.8834	0
7 AMELIA CC 401 - NUM	241.8468	839.1709	0	230.732	2.875	853.4156	0
7 AMELIA CC 501 - NUM	509.7387	1066.446	2	504.609	10.0625	1073.323	2
9 AMHERST (101 - WRIG	490.0535	500.6949	1	476.3384	4.153846	517.0999	0
9 AMHERST (102 - NEW	288.8737	873.2435	0	279.5899	4.153846	883.4341	0
9 AMHERST (103 - COOL	127.242	516.548	2	120.8105	4.153846	522.3899	3
9 AMHERST (201 - COUF	601.8201	1122.93	1	593.6971	11.07692	1133.388	0
9 AMHERST (202 - TEMF	187.424	671.1161	0	184.6674	1.384615	674.4781	0
9 AMHERST (301 - MON	214.9358	636.7676	0	212.2812	9.692308	636.1254	0
9 AMHERST (302 - ELON	490.0535	1603.809	1	474.6125	11.07692	1628.005	0
9 AMHERST (303 - PLEA'	120.364	388.4018	0	108.7294	2.769231	403.3644	0
9 AMHERST (401 - AMEI	598.3812	1430.745	1	564.3574	11.07692	1457.402	3
9 AMHERST (402 - LONC	147.8758	424.0714	0	139.795	1.384615	431.137	0
9 AMHERST (501 - MADI	747.9764	1438.672	1	742.1213	11.07692	1444.177	0
11 APPOMAT' 101 - VERA	76.34831	473.5983	2.4	76.57988	3.714286	474.236	1.666667
11 APPOMAT' 102 - PAMI	234.1348	731.5525	0	219.529	0	743.4708	0
11 APPOMAT' 201 - CHAP	103.4944	268.8728	0	97.00118	0	278.8016	0
11 APPOMAT' 202 - SPOU	149.3034	1052.289	0	115.7207	7.428571	1078.306	0
11 APPOMAT' 301 - US 4	120.4607	676.959	0	115.7207	5.571429	680.6038	1.666667
11 APPOMAT' 302 - STON	201.8989	758.8492	0	199.1077	1.857143	762.6043	0
11 APPOMAT' 401 - COUF	237.5281	872.1306	1.2	233.1432	3.714286	880.1382	0
11 APPOMAT' 501 - OAKV	283.3371	760.214	1.2	282.4947	3.714286	768.071	1.666667
11 APPOMAT' 502 - AGEE	103.4944	297.5344	1.2	98.70296	0	304.7684	0
13 ARLINGTO' 001 - ARLIN	1351.898	310.868	3.257143	1335.628	14.34304	327.3706	4.519481
13 ARLINGTO' 002 - ASHT	1568.748	416.9461	3.257143	1547.135	12.55016	445.7501	0
13 ARLINGTO' 003 - AURC	949.4542	391.8999	3.257143	961.5735	0	391.6755	1.506494
13 ARLINGTO' 004 - BALLS	1687.919	465.5653	3.257143	1703.806	8.964401	464.7493	1.506494
13 ARLINGTO' 005 - BARC	1582.424	427.2593	3.257143	1586.303	10.75728	426.7509	1.506494
13 ARLINGTO' 006 - CRYST	1144.815	353.5939	1.628571	1131.954	14.34304	358.0616	1.506494
13 ARLINGTO' 007 - CHER	1523.815	486.1916	0	1539.301	10.75728	480.8256	4.519481
13 ARLINGTO' 008 - HUM	1859.836	511.2378	4.885714	1862.437	19.72168	508.5936	7.532468
13 ARLINGTO' 009 - COLU	1721.13	443.4657	3.257143	1703.806	17.9288	457.4419	4.519481
13 ARLINGTO' 010 - WILSI	1467.161	403.6864	1.628571	1433.547	16.13592	436.9813	1.506494

13	ARLINGTON011 - EAST	1256.171	384.5334	0	1261.208	5.378641	390.2141	0
13	ARLINGTON012 - FAIRL	1836.393	521.551	1.628571	1848.728	19.72168	508.5936	0
13	ARLINGTON013 - GLEN	1078.392	349.174	0	1094.745	10.75728	336.1394	3.012987
13	ARLINGTON014 - CLAR	1088.16	281.4018	0	1071.244	7.171521	290.8337	0
13	ARLINGTON015 - LYON	908.4284	246.0424	1.628571	893.0296	7.171521	261.6042	1.506494
13	ARLINGTON016 - LYON	1447.625	424.3127	6.514286	1425.714	7.171521	444.2887	7.532468
13	ARLINGTON017 - OVER	1807.089	551.0171	4.885714	1784.101	3.585761	568.5141	7.532468
13	ARLINGTON018 - PARK	1719.176	542.1773	1.628571	1721.432	19.72168	549.5149	3.012987
13	ARLINGTON019 - ROSS	1371.434	409.5796	1.628571	1363.045	14.34304	415.0591	1.506494
13	ARLINGTON020 - THRIF	1109.65	474.4051	3.257143	1100.62	5.378641	488.1329	1.506494
13	ARLINGTON021 - VIRGI	865.449	260.7755	1.628571	881.2792	3.585761	260.1427	0
13	ARLINGTON022 - ABIN	1721.13	428.7326	1.628571	1709.682	16.13592	431.1354	6.025974
13	ARLINGTON023 - WEST	1752.388	428.7326	1.628571	1742.974	5.378641	438.4428	6.025974
13	ARLINGTON024 - WOO	2035.661	514.1844	1.628571	2023.025	14.34304	524.6698	1.506494
13	ARLINGTON025 - ARLIN	1461.3	405.1597	1.628571	1468.799	10.75728	403.3673	1.506494
13	ARLINGTON026 - FILLM	1779.738	418.4194	1.628571	1748.85	23.30744	439.9042	0
13	ARLINGTON027 - JEFFE	1652.754	418.4194	3.257143	1654.846	16.13592	425.2895	0
13	ARLINGTON028 - WAKI	1738.712	402.2131	1.628571	1739.058	8.964401	410.6747	3.012987
13	ARLINGTON029 - DOM	1603.913	440.5191	3.257143	1611.762	8.964401	448.6731	0
13	ARLINGTON030 - GLEB	1471.068	310.868	1.628571	1462.923	3.585761	324.4476	0
13	ARLINGTON031 - LEXIN	1766.063	474.4051	1.628571	1784.101	5.378641	480.8256	4.519481
13	ARLINGTON032 - OAKR	572.4076	269.6153	0	573.8107	7.171521	261.6042	0
13	ARLINGTON033 - ROCK	1322.594	623.2092	1.628571	1312.127	5.378641	628.4346	0
13	ARLINGTON034 - YORK	1418.32	493.5581	0	1419.839	3.585761	507.1321	1.506494
13	ARLINGTON035 - MADI	1072.532	627.6292	4.885714	1081.036	1.79288	634.2805	3.012987
13	ARLINGTON036 - MAR	1457.393	512.7111	1.628571	1445.298	25.10032	512.978	3.012987
13	ARLINGTON037 - NOTT	1461.3	511.2378	3.257143	1466.84	5.378641	520.2854	1.506494
13	ARLINGTON038 - ARLIN	1250.31	269.6153	6.514286	1235.749	30.47896	276.2189	3.012987
13	ARLINGTON039 - ASHL	974.8511	260.7755	0	983.1159	3.585761	254.2968	1.506494
13	ARLINGTON040 - VIRGI	1666.429	548.0705	1.628571	1682.264	14.34304	545.1305	1.506494
13	ARLINGTON041 - NAVY	1035.413	299.0815	3.257143	1035.993	7.171521	302.5255	3.012987
13	ARLINGTON042 - SHIRL	1201.47	265.1954	0	1182.872	8.964401	276.2189	0
13	ARLINGTON043 - CAMI	1146.769	228.3627	6.514286	1131.954	17.9288	239.682	4.519481
13	ARLINGTON044 - DAW	1045.181	256.3556	1.628571	1055.577	5.378641	248.4509	4.519481
13	ARLINGTON045 - BUCK	1051.042	294.6616	0	1049.701	8.964401	301.064	1.506494
13	ARLINGTON046 - CENT	1672.29	537.7574	1.628571	1668.555	16.13592	546.592	1.506494
13	ARLINGTON047 - FOUR	1170.212	250.4623	1.628571	1176.997	8.964401	246.9894	0
13	ARLINGTON048 - AUSA	886.9387	299.0815	1.628571	873.4456	3.585761	325.9091	0
13	ARLINGTON049 - MON	1060.81	321.1811	1.628571	1077.119	0	320.0632	3.012987
13	ARLINGTON050 - CRYST	1269.846	415.4728	0	1259.25	10.75728	423.828	1.506494
13	ARLINGTON051 - TAYL	552.8715	117.8646	0	554.2267	1.79288	121.3025	0
13	ARLINGTON052 - GUN	1162.398	262.2488	1.628571	1159.372	7.171521	268.9116	0
13	ARLINGTON053 - MET	1685.965	465.5653	3.257143	1703.806	14.34304	454.519	1.506494
13	ARLINGTON054 - GARF	683.7633	195.9499	1.628571	687.3978	3.585761	192.9148	3.012987
15	AUGUSTA (101 - JOLIV	230.4414	611.1958	0	230.7167	3.89313	615.4515	0
15	AUGUSTA (102 - STUA	334.6887	747.0171	1.1875	313.2495	7.78626	763.214	2
15	AUGUSTA (103 - VERO	338.3465	1071.63	2.375	322.6283	16.87023	1076.362	0

15 AUGUSTA (201 - CRIM	336.5176	1460.079	0	301.9951	9.083969	1481.693	0
15 AUGUSTA (202 - NEW	241.4148	977.9133	0	217.5865	6.48855	996.3807	0
15 AUGUSTA (203 - WEYE	468.1984	1335.123	1.1875	435.173	7.78626	1367.821	4
15 AUGUSTA (301 - FORT	546.8411	1589.109	1.1875	525.2088	14.27481	1609.121	0
15 AUGUSTA (302 - NORI	122.5363	622.0615	0	120.0477	0	627.652	0
15 AUGUSTA (303 - MOU	138.9964	969.764	0	116.2962	9.083969	984.1801	0
15 AUGUSTA (304 - CHUF	184.7189	714.42	0	170.6929	3.89313	727.9679	0
15 AUGUSTA (401 - BUFF	197.5212	854.3159	0	166.9414	9.083969	873.0193	0
15 AUGUSTA (402 - CHUF	186.5478	832.5845	0	163.1899	5.19084	851.3293	0
15 AUGUSTA (403 - CRAI	118.8785	715.7782	0	110.669	2.59542	725.2567	0
15 AUGUSTA (404 - DEER	85.9583	338.195	0	82.53281	2.59542	342.9718	0
15 AUGUSTA (405 - CEDA	336.5176	854.3159	1.1875	332.007	2.59542	871.6636	0
15 AUGUSTA (501 - GREE	303.5974	1348.705	1.1875	294.4921	3.89313	1361.042	2
15 AUGUSTA (502 - MIDC	190.2056	753.8081	1.1875	176.3201	3.89313	768.6365	0
15 AUGUSTA (503 - SPOT	177.4033	827.1516	1.1875	174.4444	5.19084	832.3507	0
15 AUGUSTA (504 - WHIT	296.2818	1259.063	0	270.1074	6.48855	1281.061	0
15 AUGUSTA (601 - SHER	277.9928	1041.749	0	256.9772	3.89313	1060.095	0
15 AUGUSTA (602 - RIDG	490.1452	1963.976	1.1875	465.185	9.083969	1981.916	4
15 AUGUSTA (603 - LYND	471.8562	1265.854	0	446.4275	9.083969	1281.061	0
15 AUGUSTA (801 - DOOI	296.2818	1043.107	2.375	285.1134	7.78626	1053.317	0
15 AUGUSTA (802 - FISHE	669.3774	1508.975	1.1875	647.1323	10.38168	1531.851	4
15 AUGUSTA (803 - WILSI	590.7347	1134.108	3.5625	605.8659	9.083969	1130.587	0
17 BATH COUI101 - WARI	100.8	236.7805	0	93.17647	1.375	242.8174	1
17 BATH COUI102 - MOU	14.4	57.75134	1	13.10294	0	60.12622	0
17 BATH COUI201 - HOT	84.96	188.2694	0	78.61765	2.75	195.4102	0
17 BATH COUI301 - FAIR	36	278.3615	0	34.94118	1.375	278.6619	0
17 BATH COUI302 - BURN	11.52	66.99156	0	10.19118	0	68.22014	0
17 BATH COUI401 - MILL	70.56	366.1435	0	61.14706	4.125	374.6326	0
17 BATH COUI501 - HEAL	113.76	310.7022	0	104.8235	1.375	319.1315	0
19 BEDFORD (101 - GOOI	355.8389	1492.659	0	334.085	7.192982	1506.268	1
19 BEDFORD (102 - HARC	203.866	678.6035	0	198.9495	2.877193	682.7161	2
19 BEDFORD (103 - CHAN	283.5591	1012.541	1.444444	262.7635	12.94737	1019.38	1
19 BEDFORD (104 - STEW	244.6393	974.9895	0	236.4872	2.877193	987.1887	1
19 BEDFORD (201 - BEDF	116.7596	447.9319	0	106.9823	5.754386	453.3557	0
19 BEDFORD (202 - STAU	185.3328	789.9159	1.444444	170.7963	2.877193	807.456	0
19 BEDFORD (203 - MON	359.5456	1338.431	2.888889	356.6076	4.315789	1352.019	1
19 BEDFORD (204 - Quak	120.4663	485.4831	1.444444	110.736	5.754386	489.5705	0
19 BEDFORD (205 - SAUN	355.8389	1137.264	0	362.2383	5.754386	1140.096	1
19 BEDFORD (301 - NEW	277.3441	1424.38	0	265.7685	5.860465	1430.906	2.25
19 BEDFORD (302 - BEDF	185.3328	749.6825	1.444444	185.8113	2.877193	749.7805	2
19 BEDFORD (303 - BETH	126.0263	639.7112	0	127.628	2.877193	639.7948	0
19 BEDFORD (304 - RIVE	167.4531	597.4878	1.363636	167.2053	1.465116	599.5559	0
19 BEDFORD (305 - HUDI	116.7596	535.1043	0	114.4898	1.438596	537.8569	1
19 BEDFORD (306 - FORE	127.3341	843.7409	0	119.6838	2.930233	852.0687	0
19 BEDFORD (401 - FORE	395.9567	1574.724	1.363636	411.8531	7.325581	1568.169	1.125
19 BEDFORD (402 - THON	289.5542	764.6807	4.090909	278.0889	11.72093	778.2572	0
19 BEDFORD (403 - KNIG	544.2224	1757.469	5.454545	531.537	8.790698	1770.179	1.125

19	BEDFORD (404 - FORE	254.6682	1302.549	1.363636	260.4883	2.930233	1298.822	2.25
19	BEDFORD (502 - BIG IS	95.93665	408.2617	0	102.0833	2.930233	404.0204	0
19	BEDFORD (503 - SEDA	125.5898	540.4607	0	114.4036	5.860465	546.4635	1.125
19	BEDFORD (504 - SUCK	155.2429	728.3907	0	154.8849	0	734.2294	0
19	BEDFORD (505 - BOON	591.3186	1220.897	0	586.0987	8.790698	1227.6	0
19	BEDFORD (506 - BOON	591.3186	1982.985	1.363636	566.7381	1.465116	2007.153	0
19	BEDFORD (601 - MON	211.0606	997.9731	0	204.1665	2.930233	1003.576	1.125
19	BEDFORD (602 - SHAD	246.4926	1138.605	0	247.7484	4.315789	1141.437	0
19	BEDFORD (603 - THAX	64.86647	272.246	0	63.81399	0	277.6468	0
19	BEDFORD (604 - BEDF	378.0788	1079.596	0	362.2383	7.192982	1090.468	0
19	BEDFORD (701 - GOOI	309.5057	1590.561	2.888889	294.6705	2.877193	1605.523	2
19	BEDFORD (702 - LIBER	135.2929	630.3234	0	131.3818	0	635.771	0
19	BEDFORD (703 - THAX	122.3196	582.0433	1.444444	114.4898	2.877193	587.4846	0
19	BEDFORD (704 - BEDF	461.4786	972.3073	0	456.0824	7.192982	987.1887	0
21	BLAND COI 101 - BAST	51.69231	259.8462	1.5	48.96861	0	263.5267	1
21	BLAND COI 102 - CERE	54.92308	319.2396	0	58.76233	1.714286	317.9641	0
21	BLAND COI 201 - DAVI	24.23077	91.56484	0	26.11659	0	90.31665	0
21	BLAND COI 202 - SEDD	84	524.6418	0	79.98206	1.714286	529.5277	0
21	BLAND COI 301 - HOLL	33.92308	326.6637	1.5	32.64574	3.428571	327.8618	0
21	BLAND COI 302 - MECH	19.38462	167.044	0	21.21973	0	168.2612	0
21	BLAND COI 401 - ROCK	109.8462	563	0	96.30493	5.142857	576.5419	0
23	BOTETOUR 101 - DALE	574.555	1324.354	1.6	558.3616	5.545455	1343.622	2
23	BOTETOUR 102 - GREE	405.1099	1493.894	1.6	403.3715	6.931818	1500.309	2
23	BOTETOUR 201 - BLUE	442.1152	1459.152	1.6	431.1902	6.931818	1468.417	0
23	BOTETOUR 202 - RAINI	459.644	1424.411	1.6	457.0219	5.545455	1429.592	0
23	BOTETOUR 301 - BUCH	317.466	1284.054	3.2	311.9671	4.159091	1297.864	0
23	BOTETOUR 302 - MILL	352.5236	1165.932	1.6	335.8118	9.704545	1175.843	2
23	BOTETOUR 403 - EAGL	222.0314	883.8294	0	206.6534	9.704545	890.2018	0
23	BOTETOUR 406 - FINCH	409.0052	1484.166	3.2	391.4492	2.772727	1501.696	0
23	BOTETOUR 501 - TROU	303.8325	915.7918	0	286.1355	1.386364	930.4135	2
23	BOTETOUR 502 - CLOV	605.7173	1531.415	1.6	608.0378	8.318182	1528.041	0
25	BRUNSWIC 101 - BROO	185.7008	181.2851	2	183.4783	5.1	179.2304	1.666667
25	BRUNSWIC 102 - ROCK	177.2598	355.7033	0	171.5862	0	359.829	0
25	BRUNSWIC 103 - TILLM	259.9811	449.0926	0	254.8309	0	452.8646	0
25	BRUNSWIC 201 - DROM	101.2913	116.7366	0	96.83575	0	120.399	0
25	BRUNSWIC 202 - EDGE	339.326	130.4703	0	339.7746	1.7	131.3444	0
25	BRUNSWIC 203 - FITZH	281.9276	175.7916	0	276.9163	3.4	180.5986	0
25	BRUNSWIC 301 - ALBEI	101.2913	79.65557	0	100.2335	0	79.35392	0
25	BRUNSWIC 302 - DANI	263.3575	395.5311	0	258.2287	6.8	398.1378	0
25	BRUNSWIC 303 - ELMC	140.1197	159.3111	2	137.6087	3.4	161.4442	0
25	BRUNSWIC 304 - SEYM	153.6252	162.0579	0	151.1997	5.1	160.076	0
25	BRUNSWIC 401 - STUR	450.7465	384.5441	0	446.8035	1.7	389.9287	0
25	BRUNSWIC 402 - KING	244.7874	100.2562	0	244.6377	0	102.6128	0
25	BRUNSWIC 501 - TOTA	516.5858	156.5644	0	502.8663	6.8	164.1805	3.333333
27	BUCHANAN 102 - BLAC	17.56098	268.9583	0	16.15122	1.333333	276.8904	0
27	BUCHANAN 103 - HURL	67.31707	485.0645	0	57.26341	0	505.4722	0
27	BUCHANAN 201 - GRAS	24.87805	62.24798	0	24.96098	0	64.80413	0

27	BUCHANAN	202 - BULL	43.90244	347.6491	0	46.98537	0	352.2988	0
27	BUCHANAN	203 - ROCK	42.43902	333.5552	1.166667	42.58049	1.333333	331.0902	3.6
27	BUCHANAN	301 - SLAT	83.41463	358.2195	0	74.88293	0	373.5074	0
27	BUCHANAN	302 - NOR	49.7561	311.2399	1.166667	55.79512	0	313.4163	0
27	BUCHANAN	403 - SOUT	89.26829	489.7624	0	77.81951	1.333333	500.7592	0
27	BUCHANAN	404 - OAKV	17.56098	52.85206	0	16.15122	0	54.19981	0
27	BUCHANAN	501 - PRAT	86.34146	328.8573	0	83.69268	0	338.1597	0
27	BUCHANAN	502 - FOX	30.73171	82.21432	0	30.83415	0	83.65624	0
27	BUCHANAN	503 - VANS	74.63415	346.4746	0	66.07317	0	353.4771	1.2
27	BUCHANAN	601 - COUN	51.21951	233.7236	0	39.6439	0	243.8992	0
27	BUCHANAN	602 - GARC	70.2439	340.6022	1.166667	67.54146	2.666667	347.5858	0
27	BUCHANAN	603 - HURF	73.17073	193.7909	0	71.94634	1.333333	200.3037	0
27	BUCHANAN	701 - WHIT	83.41463	394.6287	0	83.69268	0	404.1421	0
27	BUCHANAN	702 - CONT	54.14634	324.1593	3.5	46.98537	0	339.338	1.2
29	BUCKINGH	101 - NEW	383.842	544.8641	0	373.9641	7.368421	547.3603	0
29	BUCKINGH	102 - GEOI	97.31205	183.8916	0	96.21405	0	186.0753	0
29	BUCKINGH	201 - WHIT	227.0615	292.8645	0	228.7353	3.684211	289.2996	2
29	BUCKINGH	301 - CURC	254.0926	419.5454	0	241.4428	3.684211	427.8375	0
29	BUCKINGH	302 - NEW	106.3224	393.6643	2.5	101.6601	1.842105	397.9567	0
29	BUCKINGH	401 - MAY	299.1445	619.7829	0	283.1961	3.684211	630.2114	0
29	BUCKINGH	501 - WRIG	73.88508	292.8645	0	81.69118	1.842105	287.9414	0
29	BUCKINGH	502 - GLEN	239.676	355.5238	0	235.9967	1.842105	362.6432	0
29	BUCKINGH	601 - SLAT	373.0295	416.821	0	384.8562	3.684211	418.33	0
29	BUCKINGH	701 - GOLD	203.6345	339.1779	2.5	194.2435	7.368421	346.3446	0
31	CAMPBELL	101 - BROC	421.5504	1511.143	1.083333	402.8003	8.716981	1524.935	1.5
31	CAMPBELL	102 - NEW	358.9104	1593.593	1.083333	340.831	7.264151	1606.007	0
31	CAMPBELL	201 - WAL	358.9104	1082.149	3.25	349.4378	5.811321	1097.696	0
31	CAMPBELL	202 - BEDF	384.305	1750.762	1.083333	370.0943	8.716981	1764.292	1.5
31	CAMPBELL	301 - EVIN	194.692	662.1719	0	182.4651	8.716981	667.8829	0
31	CAMPBELL	302 - OTTE	132.0519	556.5336	1.083333	123.9385	0	566.2206	0
31	CAMPBELL	303 - ALTA	584.0759	1259.93	3.25	566.3303	14.5283	1268.849	4.5
31	CAMPBELL	401 - THRE	191.306	1104.049	0	173.8582	0	1119.573	1.5
31	CAMPBELL	402 - COUF	362.2964	1602.611	0	351.1592	5.811321	1613.729	1.5
31	CAMPBELL	501 - SPRIN	391.0769	1449.306	1.083333	376.9797	4.358491	1467.026	1.5
31	CAMPBELL	502 - YELL	314.8931	899.214	0	308.125	2.90566	903.3792	0
31	CAMPBELL	601 - KING	304.7353	926.2677	0	304.6823	0	930.4034	0
31	CAMPBELL	602 - CONC	379.2261	1395.199	0	364.9302	2.90566	1410.404	3
31	CAMPBELL	701 - BROC	243.7882	743.3331	0	240.9916	2.90566	747.6686	0
31	CAMPBELL	702 - GLAD	318.2791	955.898	0	328.7814	1.45283	956.1407	0
31	CAMPBELL	703 - MORI	143.9028	566.8398	1.083333	144.595	2.90566	568.7943	0
33	CAROLINE	101 - BOW	318.2749	749.6337	1.4	313.2151	2.757576	757.9595	0
33	CAROLINE	102 - SPAR	294.4043	631.9226	1.4	276.4602	2.757576	644.0179	2
33	CAROLINE	201 - NOR	472.6382	490.6693	0	474.6167	2.757576	489.2059	2
33	CAROLINE	202 - SOUT	517.1967	740.9602	0	498.5873	16.54545	746.8131	0
33	CAROLINE	301 - PORT	240.2975	340.7426	0	242.9015	4.136364	338.1094	0
33	CAROLINE	302 - WOO	521.9708	887.1698	0	509.7735	6.893939	894.1941	0
33	CAROLINE	401 - DAW	770.2253	669.0945	1.4	768.6554	13.78788	665.0723	2

33	CAROLINE	402 - CARN	318.2749	247.8128	1.4	322.8033	2.757576	247.6992	0
33	CAROLINE	501 - WEST	514.014	433.6724	0	504.9794	16.54545	429.7581	0
33	CAROLINE	502 - MILF	273.7164	491.9084	0	276.4602	4.136364	491.6829	0
33	CAROLINE	601 - CHILE	542.6587	688.9195	1.4	512.9696	9.651515	703.4657	2
33	CAROLINE	602 - LAKE	345.3283	510.4943	0	343.5778	8.272727	509.0218	0
35	CARROLL C	101 - MT B	84.53015	407.9518	0	88.20604	2.774194	408.4977	0
35	CARROLL C	102 - ST PA	99.44724	608.9013	0	96.68739	1.387097	616.3723	0
35	CARROLL C	103 - LAME	61.3258	358.3196	0	59.36945	0	362.572	0
35	CARROLL C	105 - FANC	111.0494	502.3738	0	128.9165	0	490.6807	0
35	CARROLL C	201 - HILLS	243.6457	911.5361	1.166667	242.5666	1.387097	919.7242	0
35	CARROLL C	202 - LAUR	106.0771	447.8996	0	108.5613	4.16129	445.9635	0
35	CARROLL C	203 - GLAD	127.624	573.7956	0	123.8277	2.774194	576.4894	0
35	CARROLL C	301 - HILLS	233.701	1129.433	0	210.3375	9.709677	1146.936	0
35	CARROLL C	302 - SYLV	89.50251	506.0054	1.166667	88.20604	0	511.2265	0
35	CARROLL C	303 - DUGS	59.66834	260.266	0	55.97691	1.387097	265.8861	0
35	CARROLL C	401 - OAKL	192.2647	964.7999	1.166667	184.8934	4.16129	976.5271	2
35	CARROLL C	402 - WOO	140.8836	848.5881	1.166667	122.1314	6.935484	854.4612	2
35	CARROLL C	406 - WOO	44.75126	147.6858	0	44.10302	1.387097	149.8631	0
35	CARROLL C	501 - VAUC	61.3258	355.8986	0	54.28064	0	361.3634	0
35	CARROLL C	502 - GLAD	139.2261	880.0621	0	130.6128	4.16129	885.8841	0
35	CARROLL C	503 - WOO	87.84506	405.5307	2.333333	78.02842	2.774194	413.332	0
35	CARROLL C	504 - LAUR	96.13233	476.9525	0	93.29485	0	482.2207	0
36	CHARLES C	101 - PREC	632.2543	709.6548	0	627.9089	8.181818	708.3645	0
36	CHARLES C	201 - PREC	606.9642	386.1571	0	602.3668	4.090909	389.6729	0
36	CHARLES C	301 - PREC	583.7815	453.1881	1	591.7243	2.727273	451.9626	0
37	CHARLOTT	101 - COUN	227.6024	447.0109	0	203.4022	7.875	466.8993	0
37	CHARLOTT	201 - RED C	260.3633	551.7391	0	255.5567	1.3125	559	1
37	CHARLOTT	302 - DRAK	155.1834	408.6957	1	151.2478	2.625	414.4531	1
37	CHARLOTT	401 - KEYS	232.7751	556.8478	0	219.0486	3.9375	567.9542	0
37	CHARLOTT	501 - CULLI	200.0142	390.8152	0	192.9714	1.3125	396.5446	0
37	CHARLOTT	602 - PHEN	184.4959	623.2609	0	177.325	0	635.7506	0
37	CHARLOTT	702 - BACC	196.5657	311.6304	2	196.4483	3.9375	313.3982	1
41	CHESTERFI	101 - BELL	769.9922	749.3173	3.538462	756.5251	18.5285	755.0853	0
41	CHESTERFI	102 - SOUT	1030.069	1184.967	3.538462	999.0276	27.79275	1194.25	1.473684
41	CHESTERFI	103 - ENON	1337.247	1953.453	0	1330.655	16.98446	1949.335	0
41	CHESTERFI	104 - NORI	948.1553	1507.348	8.846154	926.4841	15.44041	1520.586	4.421053
41	CHESTERFI	105 - DREV	802.7374	515.2616	6.294118	785.3473	15.83039	524.4177	0
41	CHESTERFI	106 - HARR	1587.085	1411.505	5.307692	1552.431	27.79275	1423.379	1.473684
41	CHESTERFI	107 - WELL	1116.079	1082.154	1.769231	1113.025	16.98446	1077.949	1.473684
41	CHESTERFI	108 - ECOF	1009.591	1535.229	0	1003.173	16.98446	1532.736	1.473684
41	CHESTERFI	109 - ELIZA	1550.224	1876.778	3.538462	1558.649	12.35233	1867.751	2.947368
41	CHESTERFI	110 - DUTC	823.2364	1005.479	1.769231	808.3419	16.98446	1006.78	0
41	CHESTERFI	111 - IRON	542.6807	838.1898	0	534.7492	15.44041	833.1976	0
41	CHESTERFI	112 - CARV	884.6719	846.9028	0	905.7574	3.088083	833.1976	0
41	CHESTERFI	113 - IRON	864.1934	717.9505	0	829.0686	16.98446	734.2554	1.473684
41	CHESTERFI	201 - GATE	632.7862	829.4768	1.769231	628.0194	12.35233	833.1976	0
41	CHESTERFI	202 - BEUL	1542.252	699.7586	1.573529	1499.299	36.40989	703.0837	1.6875

41	CHESTERFII	203 - BIRD	497.628	555.8889	0	470.4964	13.89637	569.3517	0
41	CHESTERFII	204 - JACO	751.0097	648.2324	0	748.6849	9.498233	653.4543	0
41	CHESTERFII	205 - FALLI	1251.044	477.0326	0	1221.437	11.08127	502.9116	0
41	CHESTERFII	206 - BELM	844.8859	194.4697	3.147059	845.1649	17.41343	190.2462	0
41	CHESTERFII	207 - CHIPF	440.6434	181.1726	1.573529	430.3009	9.498233	188.5919	0
41	CHESTERFII	208 - MEAI	1143.757	418.8579	3.147059	1146.183	14.24735	421.8502	0
41	CHESTERFII	209 - SALEI	788.4229	998.5088	3.538462	775.1791	10.80829	1006.78	2.947368
41	CHESTERFII	210 - FIVE I	1689.772	950.7408	1.573529	1655.597	25.32862	964.4654	8.4375
41	CHESTERFII	211 - NASH	960.4424	1735.628	3.538462	947.2108	10.80829	1742.772	1.473684
41	CHESTERFII	212 - ST. LL	576.6682	663.1916	1.573529	569.2321	9.498233	663.3801	3.375
41	CHESTERFII	213 - SOUT	749.0939	269.2658	3.147059	737.1073	14.24735	279.5792	3.375
41	CHESTERFII	214 - HOPK	218.4059	46.53976	0	212.256	6.332155	44.66649	0
41	CHESTERFII	215 - North	547.9305	272.59	0	534.4993	7.915194	281.2335	0
41	CHESTERFII	216 - RIDGI	1262.539	310.8191	0	1248.451	12.66431	320.937	0
41	CHESTERFII	301 - ETTRI	1257.381	430.4218	7.076923	1249.821	15.44041	435.6929	4.421053
41	CHESTERFII	302 - DEER	304.6187	487.0054	0	304.8769	3.166078	483.0599	0
41	CHESTERFII	303 - MATC	1032.117	1381.88	0	1003.173	12.35233	1397.342	2.947368
41	CHESTERFII	304 - WINF	405.4746	1367.94	1.769231	418.6796	6.176166	1352.21	0
41	CHESTERFII	305 - BEAC	202.7373	709.2375	0	194.8311	4.632124	713.4254	0
41	CHESTERFII	306 - WINT	634.1434	2145.815	0	638.6977	9.498233	2125.794	0
41	CHESTERFII	307 - COSB	1800.891	2282.11	4.720588	1802.247	30.07774	2263.102	6.75
41	CHESTERFII	308 - SOUT	400.4108	324.1162	0	399.4273	6.332155	320.937	0
41	CHESTERFII	309 - SKINC	831.475	1442.733	1.573529	833.5873	9.498233	1437.599	0
41	CHESTERFII	310 - TOMI	1099.693	1419.463	3.147059	1109.52	11.08127	1407.822	0
41	CHESTERFII	313 - WOO	1404.312	1868.239	0	1393.171	17.41343	1874.338	0
41	CHESTERFII	314 - LONG	204.7852	942.7457	0	219.7032	6.176166	921.7248	1.473684
41	CHESTERFII	315 - BAILE	636.0592	1610.608	0	625.1905	18.99647	1607.994	1.6875
41	CHESTERFII	316 - SPRIN	967.4997	1371.261	6.294118	957.0818	28.4947	1356.538	1.6875
41	CHESTERFII	317 - BIRKE	1166.747	1682.08	0	1177.056	9.498233	1669.203	1.6875
41	CHESTERFII	318 - WEST	289.292	521.9102	0	299.0881	1.583039	511.1832	0
41	CHESTERFII	319 - MAG	1427.302	2202.328	1.573529	1406.679	9.498233	2216.782	1.6875
41	CHESTERFII	401 - HARB	628.3959	812.7837	1.573529	638.6977	6.332155	802.3426	3.375
41	CHESTERFII	402 - GENI	475.1286	435.4792	0	468.8929	4.749117	441.702	0
41	CHESTERFII	403 - BRAN	1182.074	1311.424	1.573529	1146.183	26.91166	1320.143	0
41	CHESTERFII	404 - PROV	1047.965	824.4186	1.573529	1022.688	20.57951	832.1202	0
41	CHESTERFII	405 - LA PR	833.3909	919.1603	3.147059	812.3617	14.24735	926.4162	1.6875
41	CHESTERFII	406 - SMOI	827.6433	1022.213	1.573529	837.4465	12.66431	1005.823	5.0625
41	CHESTERFII	407 - MON	486.6236	644.9081	3.147059	480.4705	11.08127	643.5284	1.6875
41	CHESTERFII	408 - REAN	1410.059	1007.253	3.147059	1375.805	39.57597	1015.749	0
41	CHESTERFII	409 - MANI	785.4948	618.314	1.573529	775.6993	9.498233	622.0223	0
41	CHESTERFII	410 - WAGI	680.1236	696.4343	0	667.6417	26.91166	679.9233	0
41	CHESTERFII	411 - SWIF	1030.723	1238.29	1.573529	1063.21	14.24735	1196.069	1.6875
41	CHESTERFII	412 - CLOV	1021.143	1121.941	1.573529	1009.181	15.83039	1128.243	1.6875
41	CHESTERFII	413 - SHEN	1040.302	962.3758	3.147059	1047.773	22.16254	944.6136	0
41	CHESTERFII	414 - CREN	1433.049	1726.958	3.147059	1391.242	28.4947	1735.376	1.6875
41	CHESTERFII	415 - EVERI	929.1829	1088.698	3.147059	908.8418	30.07774	1085.23	0
41	CHESTERFII	416 - EVERI	751.0097	772.8925	0	742.8961	9.498233	770.9106	0

41	CHESTERFII	417 - EDGE	695.4503	787.8517	1.573529	688.8673	3.166078	792.4167	1.6875
41	CHESTERFII	501 - HUGL	1092.029	852.6749	3.147059	1076.717	26.91166	848.6634	0
41	CHESTERFII	502 - CRES	697.3662	570.1121	1.573529	690.7969	11.08127	564.1213	1.6875
41	CHESTERFII	503 - MIDL	1093.945	1426.111	1.573529	1090.224	11.08127	1430.982	0
41	CHESTERFII	504 - ROBI	1452.208	1924.752	3.147059	1489.651	7.915194	1890.882	5.0625
41	CHESTERFII	505 - BON	1519.262	1100.333	3.147059	1503.159	30.07774	1086.885	1.6875
41	CHESTERFII	506 - GREE	1459.871	1033.848	4.720588	1458.778	25.32862	1030.638	3.375
41	CHESTERFII	507 - SALIS	1479.029	2057.722	4.720588	1462.637	7.915194	2079.473	5.0625
41	CHESTERFII	508 - BELG	965.5839	995.6185	1.573529	955.1522	14.24735	995.8974	3.375
41	CHESTERFII	509 - CRAN	982.8265	646.5703	1.573529	991.8146	7.915194	643.5284	0
41	CHESTERFII	510 - SYCA	1024.975	1314.748	0	1022.688	11.08127	1303.6	0
41	CHESTERFII	511 - BLAC	812.3166	1100.333	0	798.8545	12.66431	1108.391	3.375
41	CHESTERFII	513 - BEAU	693.5345	320.7919	0	685.0081	15.83039	315.9741	0
41	CHESTERFII	514 - WATI	1132.262	1494.259	0	1144.253	23.74558	1464.068	0
41	CHESTERFII	515 - DAVI	1212.727	372.3181	3.147059	1186.704	28.4947	368.9121	5.0625
41	CHESTERFII	516 - POCC	789.3265	324.1162	4.720588	798.8545	11.08127	315.9741	1.6875
41	CHESTERFII	517 - ROSE	819.98	1243.276	1.573529	835.5169	4.749117	1227.501	0
41	CHESTERFII	518 - MIDL	1005.817	1557.42	1.573529	1011.111	4.749117	1556.71	1.6875
43	CLARKE CO	101 - RUSS	483.9078	1003.047	1.5	451.1056	4.25	1032.504	1
43	CLARKE CO	201 - BERR	557.2872	658.6958	0	548.2046	1.416667	679.8027	0
43	CLARKE CO	301 - MILL	358.9644	624.4037	3	347.938	5.666667	635.7151	2
43	CLARKE CO	302 - PINE	234.021	345.7796	0	222.5185	7.083333	348.4344	1
43	CLARKE CO	401 - WHIT	604.8847	980.1851	0	584.6167	8.5	1005.482	2
43	CLARKE CO	501 - BUCK	388.7128	624.4037	0	392.4417	0	625.7598	0
43	CLARKE CO	502 - BLUE	210.2222	301.4855	1.5	192.175	7.083333	314.3021	1
45	CRAIG COU	101 - COUF	65.46713	351.198	0	60.96654	2.833333	359.0543	0
45	CRAIG COU	201 - AMM	68.44291	474.1174	1.5	62.45353	2.833333	478.3207	2.666667
45	CRAIG COU	301 - GIVE	83.3218	277.1956	0	78.81041	4.25	281.2174	0
45	CRAIG COU	303 - MAR	58.02768	203.1932	0	50.55762	4.25	205.8913	0
45	CRAIG COU	401 - BARB	43.14879	185.6333	1.5	41.63569	2.833333	185.8043	1.333333
45	CRAIG COU	402 - PAIN	11.90311	32.61125	0	11.89591	0	31.38587	0
45	CRAIG COU	403 - CRAI	40.17301	188.1418	0	40.1487	0	188.3152	0
45	CRAIG COU	501 - CRAI	59.51557	339.9095	3	53.5316	0	349.0109	0
47	CULPEPER	101 - WEST	1086.759	1128.011	5.416667	1072.057	20.80556	1149.251	4.285714
47	CULPEPER	201 - EAST	1002.172	847.6307	0	980.2203	22.29167	868.0926	0
47	CULPEPER	302 - EGGB	329.1537	995.6091	0	311.1216	5.944444	1005.433	0
47	CULPEPER	303 - CARD	270.3106	781.4298	0	253.0205	4.458333	792.9443	0
47	CULPEPER	304 - WILL	205.9509	231.054	0	191.1711	5.944444	243.5842	0
47	CULPEPER	401 - ELDO	402.7076	1000.801	1.083333	397.336	1.486111	1008.024	0
47	CULPEPER	402 - BROV	663.8239	1448.631	3.25	625.9916	8.916667	1480.94	0
47	CULPEPER	501 - JEFFE	647.2743	1407.093	0	635.3627	8.916667	1416.157	1.428571
47	CULPEPER	502 - RIXEY	443.1622	1272.095	0	421.7009	7.430556	1290.478	0
47	CULPEPER	601 - MITC	104.8143	211.5832	0	99.33399	1.486111	215.0797	0
47	CULPEPER	602 - PEAR	579.2369	1067.002	1.083333	554.771	5.944444	1088.355	0
47	CULPEPER	603 - SOUT	240.889	305.0432	0	247.3979	4.458333	301.8889	0
47	CULPEPER	702 - BRAN	524.0715	1375.94	1.083333	502.2926	2.972222	1403.2	4.285714
47	CULPEPER	703 - LIGN	261.1163	678.8834	1.083333	253.0205	2.972222	691.8827	0

47	CULPEPER 104 - RICH	130.5582	471.1944	0	116.202	2.972222	480.6901	0
49	CUMBERLAND 101 - PREC	334.9399	697.4545	1	335.0324	6.352941	699.3261	0
49	CUMBERLAND 201 - PREC	234.1328	572.7273	0	230.4369	4.764706	571.1374	5
49	CUMBERLAND 301 - PREC	344.6955	351.2727	0	343.2039	3.176471	354.1052	0
49	CUMBERLAND 401 - PREC	271.529	582.9091	0	251.6828	6.352941	595.2521	0
49	CUMBERLAND 501 - PREC	357.7028	455.6364	0	354.644	6.352941	458.1791	0
51	DICKENSON 101 - SOUT	156.534	653.92	0	147.5801	3.666667	663.9086	0
51	DICKENSON 201 - NOR	69.35052	285.42	0	64.69264	0	293.1371	0
51	DICKENSON 202 - FRYIN	21.79588	125.96	0	26.28139	1.833333	121.8058	1
51	DICKENSON 203 - CLIN	110.9608	359.12	0	103.1039	0	366.756	0
51	DICKENSON 301 - WEST	11.88866	205.02	0	12.12987	1.833333	203.4559	1
51	DICKENSON 302 - HERA	47.55464	352.42	0	42.45455	0	356.0478	0
51	DICKENSON 303 - RIDG	57.46186	250.58	0	52.56277	1.833333	254.3198	0
51	DICKENSON 304 - LONG	27.74021	217.08	0	24.25974	0	220.8567	0
51	DICKENSON 401 - HAYS	259.5691	649.9	1	266.8571	0	659.893	0
51	DICKENSON 501 - TARP	57.46186	171.52	0	52.56277	1.833333	175.3468	0
51	DICKENSON 502 - NOR	140.6825	548.06	1	141.5152	0	551.4725	1
53	DINWIDDIE 101 - WHIT	109.9831	493.3972	1.25	110.5342	1.735294	495.1195	0
53	DINWIDDIE 102 - ROCK	157.1186	625.8061	0	149.1334	1.735294	630.0256	0
53	DINWIDDIE 103 - CHUF	167.5932	1071.815	0	171.9421	1.735294	1068.123	0
53	DINWIDDIE 201 - ROHC	385.8136	291.2995	0	387.747	8.676471	282.3294	0
53	DINWIDDIE 202 - SUTH	553.4068	1014.67	1.25	542.1439	12.14706	1026.399	1.166667
53	DINWIDDIE 301 - REAN	144.8983	454.3714	1.25	138.6064	0	460.3498	2.333333
53	DINWIDDIE 302 - NEW	282.8136	575.6301	0	275.4582	5.205882	578.5666	0
53	DINWIDDIE 303 - LITTL	448.661	606.2932	0	468.4545	6.941176	598.0375	0
53	DINWIDDIE 401 - DINW	371.8475	748.4585	0	361.4293	5.205882	749.6331	1.166667
53	DINWIDDIE 402 - MCKE	267.1017	480.8532	0	263.1767	1.735294	486.7747	0
53	DINWIDDIE 403 - CHER	207.7458	294.087	1.25	198.2598	0	304.5819	1.166667
53	DINWIDDIE 501 - EDGE	146.6441	62.71998	0	143.8699	3.470588	62.58532	1.166667
53	DINWIDDIE 502 - CHES	979.3729	582.599	0	970.2446	10.41176	592.4744	0
57	ESSEX COU 101 - GREA	487.4313	502.2794	0	488.6726	9	501.4759	6
57	ESSEX COU 201 - NOR	658.2241	440.4848	0	650.2655	10.5	444.7051	0
57	ESSEX COU 301 - SOUT	456.7269	983.9606	0	436.1062	3	996.6439	0
57	ESSEX COU 401 - CENT	435.6177	727.2752	0	404.9558	16.5	741.1751	0
59	FAIRFAX CC 104 - CHAP	1204.662	639.2632	4.03125	1200.365	7.857143	646.0496	0
59	FAIRFAX CC 105 - FAIR	1804.284	955.3035	1.34375	1800.548	15.71429	960.4985	4.033333
59	FAIRFAX CC 106 - HERI	1376.241	647.8825	2.6875	1381.689	18.85714	668.9186	0
59	FAIRFAX CC 108 - KING	1145.061	662.248	4.03125	1151.408	14.14286	657.4841	2.688889
59	FAIRFAX CC 109 - LITTL	688.1205	313.1672	0	683.5916	7.857143	315.8782	0
59	FAIRFAX CC 110 - NOR	1737.459	1078.846	4.03125	1747.964	14.14286	1087.707	4.033333
59	FAIRFAX CC 113 - CANT	1925.293	923.6994	1.34375	1896.649	20.42857	934.7708	8.066667
59	FAIRFAX CC 114 - OLDE	986.1254	541.5781	2.6875	991.8425	6.285714	547.427	2.688889
59	FAIRFAX CC 115 - RAVE	926.5244	563.1263	1.34375	917.4996	11	566.008	2.688889
59	FAIRFAX CC 116 - WAKI	1219.111	576.0552	4.03125	1233.003	4.714286	564.5787	2.688889
59	FAIRFAX CC 117 - WOO	1161.316	673.7403	2.6875	1129.649	11	696.0755	4.033333
59	FAIRFAX CC 118 - LAKE	1853.049	810.2123	6.71875	1829.56	12.57143	840.4362	5.377778
59	FAIRFAX CC 119 - LAUR	1791.642	1041.496	2.6875	1796.921	11	1044.828	1.344444

59 FAIRFAX CC 120 - SIDEE	1278.712	897.8416	1.34375	1278.334	3.142857	903.3259	2.688889
59 FAIRFAX CC 121 - VILLA	847.0565	545.8877	5.375	837.7171	18.85714	544.5683	1.344444
59 FAIRFAX CC 123 - ROBII	1723.01	973.9786	2.6875	1722.578	7.857143	984.7968	0
59 FAIRFAX CC 125 - SIGNI	1309.416	754.1869	1.34375	1298.28	9.428571	767.5412	1.344444
59 FAIRFAX CC 126 - BONI	1173.959	534.3953	5.375	1155.034	12.57143	550.2856	2.688889
59 FAIRFAX CC 127 - BURK	2066.168	882.0396	1.34375	2047.148	15.71429	901.8966	2.688889
59 FAIRFAX CC 128 - CARD	1071.012	505.6644	4.03125	1080.691	12.57143	495.9717	5.377778
59 FAIRFAX CC 129 - KEEN	847.0565	452.5122	2.6875	835.9038	11	461.6682	2.688889
59 FAIRFAX CC 130 - TERR	1238.978	603.3496	0	1231.19	9.428571	606.0288	4.033333
59 FAIRFAX CC 131 - EAGL	1329.283	784.3544	1.34375	1316.413	12.57143	798.9861	5.377778
59 FAIRFAX CC 132 - MON	1378.047	564.5628	0	1345.424	11	591.7357	0
59 FAIRFAX CC 133 - DANE	415.4008	181.0049	0	415.2321	4.714286	181.5228	0
59 FAIRFAX CC 134 - UNIV	576.1429	86.19279	1.34375	569.3575	11	85.75879	0
59 FAIRFAX CC 201 - ARM	1629.094	634.9536	0	1610.157	17.28571	650.3375	1.344444
59 FAIRFAX CC 202 - FLINT	1345.537	813.0854	1.34375	1334.545	3.142857	824.7137	2.688889
59 FAIRFAX CC 203 - FLOR	1704.949	945.2476	5.375	1691.753	7.857143	963.3571	5.377778
59 FAIRFAX CC 204 - MAD	399.146	179.5683	0	391.6599	7.857143	181.5228	0
59 FAIRFAX CC 208 - REST	1715.786	636.3901	2.6875	1684.5	22	648.9082	0
59 FAIRFAX CC 209 - REST	1674.246	505.6644	5.375	1679.061	17.28571	510.2648	4.033333
59 FAIRFAX CC 213 - VIEN	1890.977	945.2476	5.375	1882.144	11	970.5037	1.344444
59 FAIRFAX CC 214 - VIEN	1565.88	775.7351	1.34375	1530.375	12.57143	810.4206	2.688889
59 FAIRFAX CC 216 - VIEN	724.2423	396.4869	0	707.1638	9.428571	407.3543	1.344444
59 FAIRFAX CC 218 - VIEN	996.962	545.8877	1.34375	997.2822	6.285714	551.7149	2.688889
59 FAIRFAX CC 219 - WEST	1482.8	772.8621	1.34375	1477.791	11	791.8395	0
59 FAIRFAX CC 220 - DOG	1699.531	685.2327	4.03125	1693.567	15.71429	706.0807	2.688889
59 FAIRFAX CC 221 - HUN	1369.017	573.1821	1.34375	1350.864	11	590.3064	1.344444
59 FAIRFAX CC 222 - REST	1130.613	260.0149	0	1147.781	12.57143	260.135	0
59 FAIRFAX CC 223 - GLAD	1881.946	584.6745	0	1867.638	14.14286	593.165	1.344444
59 FAIRFAX CC 224 - SOUT	2423.774	771.4255	2.6875	2411.61	18.85714	780.405	5.377778
59 FAIRFAX CC 225 - HUG	1741.071	530.0857	2.6875	1731.645	17.28571	544.5683	2.688889
59 FAIRFAX CC 226 - WOL	1739.265	985.4709	4.03125	1744.337	9.428571	993.3727	2.688889
59 FAIRFAX CC 227 - SUNR	881.3722	449.6391	1.34375	883.0481	7.857143	448.8043	1.344444
59 FAIRFAX CC 229 - FOX	2086.338	1162.945	8.238806	2069.944	16.60092	1190.253	1.457627
59 FAIRFAX CC 233 - NORT	1329.283	847.5625	4.03125	1327.292	9.428571	850.4414	4.033333
59 FAIRFAX CC 234 - ALDR	1181.183	564.5628	1.34375	1184.046	9.428571	563.1494	4.033333
59 FAIRFAX CC 235 - FRYIN	1425.005	535.8319	1.34375	1403.448	12.57143	554.5735	1.344444
59 FAIRFAX CC 236 - STUA	679.09	333.2788	2.6875	687.2181	7.857143	331.6007	0
59 FAIRFAX CC 237 - MCN	1441.26	479.8066	0	1430.647	14.14286	491.6837	5.377778
59 FAIRFAX CC 238 - CAMI	1054.757	551.6339	4.03125	1046.24	4.714286	567.4373	2.688889
59 FAIRFAX CC 240 - COLV	994.7599	714.4891	2.746269	969.0321	4.527523	741.0724	0
59 FAIRFAX CC 301 - CHAI	1125.749	826.9831	2.746269	1087.533	6.036697	868.1134	1.457627
59 FAIRFAX CC 302 - CHES	952.6459	541.9707	0	970.9142	0	537.695	1.428571
59 FAIRFAX CC 303 - CHUF	698.61	398.2896	0	691.8927	1.509174	412.8832	1.457627
59 FAIRFAX CC 304 - COOF	672.0325	560.9499	0	667.0457	3.018349	574.7092	2.915254
59 FAIRFAX CC 305 - EL NII	1033.227	527.6329	2.793388	1008.602	6.255507	546.2525	1.428571
59 FAIRFAX CC 306 - GREA	645.4549	639.9998	1.373134	628.8196	4.527523	657.8908	4.372881
59 FAIRFAX CC 307 - HAYC	1196.179	610.7924	1.396694	1189.863	6.255507	614.7123	1.428571

59 FAIRFAX CC 309 - KENN	1159.92	892.3512	8.238806	1142.961	10.56422	914.9975	7.288136
59 FAIRFAX CC 310 - KIRBY	888.1811	455.9436	2.793388	866.8236	1.563877	480.6451	1.428571
59 FAIRFAX CC 311 - LANG	746.07	600.4748	1.373134	741.5867	7.545872	612.519	0
59 FAIRFAX CC 312 - LONG	977.7155	507.5599	1.396694	994.2449	0	514.8751	1.428571
59 FAIRFAX CC 314 - MCLE	886.5513	477.3395	0	869.6442	0	509.6763	0
59 FAIRFAX CC 315 - PIMM	1219.458	692.5182	6.983471	1214.989	7.819383	717.4021	5.714286
59 FAIRFAX CC 316 - SALO	327.6959	226.538	0	321.2452	0	238.1832	2.857143
59 FAIRFAX CC 317 - WEST	893.5532	424.4004	0	888.3596	10.94714	422.169	0
59 FAIRFAX CC 318 - WEST	657.1824	324.0354	0	655.053	0	336.5942	0
59 FAIRFAX CC 319 - HERN	1506.28	817.395	4.03125	1517.682	18.85714	816.1378	5.377778
59 FAIRFAX CC 320 - HERN	1376.241	695.2885	0	1379.876	23.57143	711.798	2.688889
59 FAIRFAX CC 321 - CLEA	1869.921	1135.582	4.119403	1871.168	27.16514	1120.683	2.915254
59 FAIRFAX CC 322 - FORE	943.5032	944.0377	0	909.7816	3.018349	981.5428	0
59 FAIRFAX CC 323 - SHOL	1057.407	615.6767	2.746269	1070.331	1.509174	617.0562	1.457627
59 FAIRFAX CC 324 - HERN	1298.579	604.7861	4.03125	1296.467	14.14286	616.034	1.344444
59 FAIRFAX CC 325 - HUTC	984.3193	264.3246	1.34375	990.0293	11	271.5695	0
59 FAIRFAX CC 327 - SUGA	1587.06	966.8405	0	1594.029	6.036697	969.4437	1.457627
59 FAIRFAX CC 328 - HICK	951.0968	769.2159	1.373134	944.1851	1.509174	795.5185	0
59 FAIRFAX CC 329 - SENE	1156.124	985.0828	2.746269	1144.872	4.527523	1010.278	4.372881
59 FAIRFAX CC 331 - SPRIN	772.6475	553.349	0	772.1676	0	559.5853	2.915254
59 FAIRFAX CC 332 - COAT	1641.736	624.8978	2.6875	1619.224	23.57143	640.3323	4.033333
59 FAIRFAX CC 333 - SALO	694.7868	400.026	1.396694	698.125	4.69163	400.7753	1.428571
59 FAIRFAX CC 401 - BUSH	1611.619	815.8237	2.793388	1633.146	6.255507	820.0919	5.714286
59 FAIRFAX CC 402 - CAMI	650.0197	227.9718	1.396694	655.053	1.563877	228.1995	1.428571
59 FAIRFAX CC 403 - FORE	605.2525	253.78	2.793388	594.0344	7.819383	263.8556	1.428571
59 FAIRFAX CC 404 - FRAN	1613.41	666.71	1.396694	1606.226	10.94714	680.3197	0
59 FAIRFAX CC 405 - GROV	836.2512	256.6475	2.793388	830.9303	7.819383	270.9869	0
59 FAIRFAX CC 406 - HAYF	1169.319	714.025	1.396694	1179.095	9.38326	708.8446	1.428571
59 FAIRFAX CC 408 - MOU	1334.062	328.3368	2.793388	1311.901	18.76652	330.8892	2.857143
59 FAIRFAX CC 409 - PION	1457.62	714.025	1.396694	1484.189	6.255507	713.1234	2.857143
59 FAIRFAX CC 410 - ROSE	1935.733	977.8414	6.983471	1909.524	9.38326	1016.914	4.285714
59 FAIRFAX CC 411 - VIRGI	1126.343	474.5828	5.586777	1136.023	14.07489	482.0714	2.857143
59 FAIRFAX CC 413 - FAIRF	1000.994	219.3691	2.793388	1021.165	4.69163	222.4945	1.428571
59 FAIRFAX CC 415 - CRES	1178.273	673.879	6.983471	1155.765	18.76652	693.1559	5.714286
59 FAIRFAX CC 417 - GARF	1437.922	716.8925	1.396694	1455.474	12.51101	734.5171	0
59 FAIRFAX CC 418 - LYNB	802.2281	425.8342	1.396694	820.1623	3.127753	432.1528	1.428571
59 FAIRFAX CC 419 - LANE	560.4853	186.3921	1.396694	556.3464	3.127753	198.2483	0
59 FAIRFAX CC 420 - VILLA	1975.129	833.0291	0	1957.98	14.07489	848.6168	2.857143
59 FAIRFAX CC 421 - KING	1493.434	609.3586	2.793388	1477.01	15.63877	623.2698	1.428571
59 FAIRFAX CC 422 - VAN I	1651.014	576.3816	1.396694	1613.405	18.76652	600.4499	1.428571
59 FAIRFAX CC 423 - CLERI	1271.388	646.6371	1.396694	1284.981	10.94714	640.3848	1.428571
59 FAIRFAX CC 424 - HUN	1319.737	586.4181	0	1326.258	6.255507	587.6136	0
59 FAIRFAX CC 426 - GREE	1175.765	410.8523	4.03125	1222.124	3.142857	417.3595	2.688889
59 FAIRFAX CC 427 - ISLAN	1403.899	547.7059	2.793388	1407.018	1.563877	561.9412	4.285714
59 FAIRFAX CC 428 - PINE	1221.249	283.8894	1.396694	1238.319	17.20264	280.9706	2.857143
59 FAIRFAX CC 429 - HYBL	1292.877	302.5286	2.793388	1292.159	17.20264	309.4955	2.857143
59 FAIRFAX CC 430 - LANE	1051.134	387.122	2.793388	1042.701	12.51101	392.2178	0

59 FAIRFAX CC 501 - BAILE	875.6463	318.3003	0	875.7969	7.819383	323.758	0
59 FAIRFAX CC 502 - BARC	661.0291	278.69	1.34375	663.646	3.142857	281.5747	0
59 FAIRFAX CC 503 - BELVI	702.5692	300.2382	0	698.0976	4.714286	300.1558	2.688889
59 FAIRFAX CC 504 - BRIST	998.7681	476.9335	2.6875	1022.668	11	497.401	2.688889
59 FAIRFAX CC 505 - GLEN	1201.551	478.8842	1.396694	1213.194	18.76652	482.0714	0
59 FAIRFAX CC 506 - HOLN	213.0918	86.0271	0	217.1546	1.563877	91.27979	0
59 FAIRFAX CC 507 - LINCC	1339.434	491.7883	4.190083	1349.589	7.819383	500.6126	1.428571
59 FAIRFAX CC 508 - MASO	1255.233	617.715	0	1263.829	9.428571	614.6047	1.344444
59 FAIRFAX CC 509 - PLAZ	710.903	143.3785	0	708.893	6.255507	145.4772	0
59 FAIRFAX CC 510 - PARK	877.437	448.7747	0	891.9489	3.127753	440.7102	2.857143
59 FAIRFAX CC 511 - RAVE	1179.377	479.8066	4.03125	1153.221	18.85714	497.401	4.033333
59 FAIRFAX CC 512 - SLEEF	720.6301	341.8981	1.34375	716.23	1.571429	355.899	0
59 FAIRFAX CC 513 - SAIN	1088.302	491.2409	5.480888	1079.725	7.849591	500.1952	2.688889
59 FAIRFAX CC 514 - CROS	587.3456	103.2325	0	579.6771	1.563877	116.9522	0
59 FAIRFAX CC 515 - WEST	710.903	321.1678	1.396694	707.0983	4.69163	348.0042	0
59 FAIRFAX CC 516 - WEY	580.1828	336.9395	4.190083	576.0877	9.38326	350.8567	0
59 FAIRFAX CC 517 - WILL	637.4848	311.1314	2.793388	664.0263	3.127753	316.6268	2.857143
59 FAIRFAX CC 518 - COLU	1027.666	553.0704	6.71875	1026.294	11	568.8667	1.344444
59 FAIRFAX CC 519 - HUM	796.4859	451.0756	1.34375	808.7052	6.285714	455.9509	0
59 FAIRFAX CC 520 - SKYLI	956.2273	245.1772	0	952.9675	3.127753	261.0031	0
59 FAIRFAX CC 521 - BROO	825.5071	520.464	2.793388	811.1889	6.255507	540.5475	1.428571
59 FAIRFAX CC 522 - CAMI	204.0882	97.68517	0	199.4564	1.571429	110.0571	0
59 FAIRFAX CC 523 - POE	1009.948	553.441	1.396694	979.8875	9.38326	579.0562	2.857143
59 FAIRFAX CC 525 - WAL	1276.76	691.0844	0	1281.391	14.07489	700.2871	4.285714
59 FAIRFAX CC 526 - BREN	1685.037	550.5735	5.586777	1670.834	14.07489	570.4987	2.857143
59 FAIRFAX CC 527 - EDSA	938.3204	529.0667	2.793388	936.8155	12.51101	544.8262	2.857143
59 FAIRFAX CC 528 - RIDG	673.6718	377.8117	0	669.0857	12.57143	373.0507	0
59 FAIRFAX CC 530 - HOLN	798.292	209.7358	1.34375	799.639	6.285714	228.6901	0
59 FAIRFAX CC 531 - BAILE	510.346	162.0177	0	502.5064	4.69163	185.4121	0
59 FAIRFAX CC 532 - WEY	709.1124	260.9489	2.793388	705.3037	6.255507	283.8231	1.428571
59 FAIRFAX CC 534 - CAMI	603.2342	336.1519	1.34375	609.2488	4.714286	338.7472	0
59 FAIRFAX CC 601 - BELLE	786.1119	547.7059	2.793388	798.6263	9.38326	543.4	0
59 FAIRFAX CC 602 - BELLE	945.4831	520.464	1.396694	918.8689	7.819383	540.5475	4.285714
59 FAIRFAX CC 604 - BUCK	1351.969	457.3774	2.793388	1369.33	14.07489	463.5302	1.428571
59 FAIRFAX CC 605 - FORT	936.5297	652.3722	2.793388	920.6636	6.255507	666.0572	2.857143
59 FAIRFAX CC 606 - HOLL	1072.622	649.5046	0	1048.085	6.255507	670.336	1.428571
59 FAIRFAX CC 607 - HUN	1423.597	467.4139	1.396694	1403.429	23.45815	479.2189	4.285714
59 FAIRFAX CC 608 - KIRKS	861.3208	311.1314	0	874.0022	0	308.0693	0
59 FAIRFAX CC 609 - MARI	768.205	539.1032	2.793388	773.501	3.127753	549.105	2.857143
59 FAIRFAX CC 610 - SHER	769.9957	293.9259	2.793388	778.885	1.563877	310.9218	0
59 FAIRFAX CC 611 - STRA	1147.831	709.7236	2.793388	1132.434	9.38326	720.2546	2.857143
59 FAIRFAX CC 612 - WAYI	612.4152	367.049	0	597.6237	4.69163	376.5291	0
59 FAIRFAX CC 613 - WEST	1156.784	1152.763	2.793388	1157.559	10.94714	1152.407	0
59 FAIRFAX CC 614 - RIVE	832.6698	553.441	2.793388	832.7249	4.69163	564.7937	2.857143
59 FAIRFAX CC 615 - WOO	1104.854	635.1668	1.396694	1101.925	9.38326	634.6798	4.285714
59 FAIRFAX CC 616 - GUN	1015.32	934.8278	0	997.8342	9.38326	948.4541	1.428571
59 FAIRFAX CC 617 - LORT	970.5528	371.3503	0	974.5035	1.563877	382.2341	0

59 FAIRFAX CC 618 - NEWI	2420.161	1231.12	12.09375	2402.544	22	1252.078	6.722222
59 FAIRFAX CC 619 - BELVI	1285.714	635.1668	1.396694	1279.597	6.255507	648.9423	0
59 FAIRFAX CC 621 - GROS	999.2038	329.7706	4.190083	1010.397	6.255507	318.053	5.714286
59 FAIRFAX CC 622 - LORT	1629.526	473.1491	2.793388	1620.583	23.45815	482.0714	0
59 FAIRFAX CC 623 - ALBA	1454.038	610.7924	1.396694	1453.679	23.45815	614.7123	7.142857
59 FAIRFAX CC 626 - SARA	1471.945	861.7048	5.586777	1473.421	7.819383	867.158	5.714286
59 FAIRFAX CC 627 - WOO	1482.689	560.61	4.190083	1493.162	18.76652	560.515	0
59 FAIRFAX CC 628 - LAUR	2127.575	711.0905	5.375	2076.16	25.14286	747.5308	6.722222
59 FAIRFAX CC 629 - SOUT	1450.291	892.0954	1.34375	1472.351	17.28571	877.5983	2.688889
59 FAIRFAX CC 630 - ARM	352.7655	192.1272	0	357.1385	1.563877	189.6908	0
59 FAIRFAX CC 701 - BLAK	1782.611	744.1311	1.34375	1778.789	15.71429	761.8239	1.344444
59 FAIRFAX CC 703 - FORT	916.8321	331.2043	0	922.4582	6.255507	343.7255	1.428571
59 FAIRFAX CC 704 - FREEI	1085.46	508.5375	2.6875	1093.384	1.571429	517.4114	0
59 FAIRFAX CC 705 - GRAF	1659.968	622.2627	5.586777	1674.423	10.94714	621.8436	2.857143
59 FAIRFAX CC 707 - MAN	1143.255	505.6644	1.34375	1149.594	4.714286	510.2648	0
59 FAIRFAX CC 708 - MAR	1720.851	666.71	1.396694	1688.781	12.51101	686.0247	11.42857
59 FAIRFAX CC 709 - MOSI	1314.834	531.5222	2.6875	1300.093	17.28571	541.7097	4.033333
59 FAIRFAX CC 710 - PINE	1049.343	378.5193	2.793388	1060.647	10.94714	375.1029	2.857143
59 FAIRFAX CC 711 - PRICE	922.9123	478.37	4.03125	917.4996	7.857143	488.8251	4.033333
59 FAIRFAX CC 712 - SHRE	744.9261	334.0719	0	732.2236	6.255507	339.4467	1.428571
59 FAIRFAX CC 713 - TIMB	1588.34	508.9937	2.793388	1568.538	20.3304	519.1538	2.857143
59 FAIRFAX CC 714 - WAL	1405.138	632.0805	1.34375	1385.316	9.428571	654.6254	0
59 FAIRFAX CC 717 - WOO	935.5549	337.5884	0	942.885	7.857143	331.6007	1.344444
59 FAIRFAX CC 718 - PINE	919.3001	482.6796	2.6875	901.1805	17.28571	491.6837	1.344444
59 FAIRFAX CC 720 - THOR	1388.884	696.7251	1.34375	1367.183	18.85714	700.3635	1.344444
59 FAIRFAX CC 721 - MERF	1744.683	530.0857	4.03125	1728.018	17.28571	541.7097	1.344444
59 FAIRFAX CC 723 - GALL	754.9458	242.7764	1.34375	752.4948	11	242.9832	1.344444
59 FAIRFAX CC 726 - MAG	1498.806	606.4911	2.793388	1484.189	10.94714	616.1386	1.428571
59 FAIRFAX CC 727 - OAKT	1049.339	657.9383	2.6875	1042.613	1.571429	676.0651	6.722222
59 FAIRFAX CC 729 - NOTT	1110.746	488.4258	2.6875	1087.944	4.714286	518.8407	2.688889
59 FAIRFAX CC 730 - PEND	1710.368	811.6488	1.34375	1700.819	4.714286	829.0017	0
59 FAIRFAX CC 731 - TYSO	1231.754	545.8877	2.6875	1218.498	11	557.4321	1.344444
59 FAIRFAX CC 732 - OAK I	1331.089	998.3999	0	1309.16	14.14286	1016.242	1.344444
59 FAIRFAX CC 733 - KILMI	1741.071	719.7098	2.6875	1708.072	15.71429	747.5308	1.344444
59 FAIRFAX CC 734 - HUN	698.957	288.7459	1.34375	692.6578	6.285714	301.5851	0
59 FAIRFAX CC 735 - ROTC	608.6525	271.5073	1.34375	605.6223	6.285714	275.8574	2.688889
59 FAIRFAX CC 801 - BURK	1876.528	975.4151	2.6875	1847.692	18.85714	1011.954	2.688889
59 FAIRFAX CC 802 - CEDA	496.6749	239.9033	1.34375	500.4544	9.428571	247.2712	0
59 FAIRFAX CC 803 - CLIFT	1338.37	1576.436	1.373134	1326.446	7.545872	1595.574	1.457627
59 FAIRFAX CC 804 - COLC	725.1876	667.3632	1.373134	724.3849	7.545872	669.9899	1.457627
59 FAIRFAX CC 805 - FAIRF	765.0539	594.3941	0	753.0545	1.509174	603.4447	1.457627
59 FAIRFAX CC 806 - SYDEI	1585.747	847.5625	0	1573.893	6.285714	863.3052	1.344444
59 FAIRFAX CC 807 - HUN	1015.023	603.3496	0	1006.348	11	610.3167	1.344444
59 FAIRFAX CC 811 - POHI	944.5854	422.3447	1.34375	941.0718	0	435.9405	1.344444
59 FAIRFAX CC 812 - VALLI	1246.202	724.0195	5.375	1231.19	26.71429	731.8084	2.688889
59 FAIRFAX CC 815 - WOO	1032.728	944.0377	1.373134	1022.549	4.527523	957.3445	4.372881
59 FAIRFAX CC 824 - ORAN	1710.368	1047.242	6.71875	1684.5	25.14286	1063.409	5.377778

59 FAIRFAX C	825 - CHER	1267.876	792.9737	0	1251.136	7.857143	816.1378	1.344444
59 FAIRFAX C	827 - IRVIN	1164.928	583.2379	0	1178.606	4.714286	584.5891	1.344444
59 FAIRFAX C	833 - WHIT	1388.884	739.8215	2.6875	1374.436	3.142857	771.8291	4.033333
59 FAIRFAX C	838 - SANG	990.9632	734.2515	2.746269	982.4112	13.58257	735.0228	1.457627
59 FAIRFAX C	839 - SILVE	1662.996	1164.465	2.746269	1670.481	9.055046	1163.03	1.457627
59 FAIRFAX C	840 - WEST	1434.036	726.8926	0	1405.261	6.285714	753.2481	0
59 FAIRFAX C	841 - POPE	656.8453	611.1162	2.746269	665.1344	3.018349	611.0066	1.457627
59 FAIRFAX C	842 - PARK	839.8321	738.3849	0	817.7714	4.714286	761.8239	0
59 FAIRFAX C	843 - FAIR	1448.485	741.258	2.6875	1443.339	12.57143	756.1067	1.344444
59 FAIRFAX C	844 - CENT	872.3417	423.7812	4.03125	864.9157	9.428571	425.9353	2.688889
59 FAIRFAX C	845 - FOUN	1520.616	1454.821	1.373134	1481.262	13.58257	1486.682	4.372881
59 FAIRFAX C	846 - GREE	1446.679	680.9231	1.34375	1416.141	15.71429	701.7928	0
59 FAIRFAX C	847 - GREE	1089.68	649.1209	4.119403	1091.356	3.018349	654.866	4.372881
59 FAIRFAX C	848 - FAIR	1164.928	624.8978	4.03125	1158.661	14.14286	637.4737	2.688889
59 FAIRFAX C	849 - NEW	1887.006	1620.522	2.746269	1903.661	18.11009	1610.698	2.915254
59 FAIRFAX C	850 - SOUT	1068.797	921.2348	1.373134	1064.597	1.509174	931.6338	2.915254
59 FAIRFAX C	851 - WILL	1069.206	752.7504	2.6875	1067.999	4.714286	761.8239	2.688889
59 FAIRFAX C	901 - CENT	1202.856	588.9841	0	1203.992	12.57143	598.8822	0
59 FAIRFAX C	902 - BROC	1680.081	940.9973	0	1695.328	9.055046	963.3941	1.457627
59 FAIRFAX C	903 - CUB	1594.653	1070.213	2.746269	1573.005	10.56422	1082.873	0
59 FAIRFAX C	904 - STON	501.1768	475.8193	0	493.1169	4.527523	482.4532	1.457627
59 FAIRFAX C	905 - FRAN	516.3639	261.4726	0	517.9639	4.527523	258.6191	0
59 FAIRFAX C	908 - HIDD	1118.156	719.0496	1.373134	1121.937	1.509174	727.4608	2.915254
59 FAIRFAX C	909 - OAK	1065.001	620.2373	1.373134	1074.154	1.509174	617.0562	1.457627
59 FAIRFAX C	910 - LONC	1580.329	660.8114	0	1548.507	20.42857	687.4997	2.688889
59 FAIRFAX C	911 - NAVY	1537.701	942.5175	4.119403	1527.133	15.09174	954.3197	4.372881
59 FAIRFAX C	913 - ROCK	1632.621	1216.152	1.373134	1618.876	9.055046	1237.137	2.915254
59 FAIRFAX C	914 - VALE	951.0968	728.1708	4.119403	969.0321	7.545872	718.3865	1.457627
59 FAIRFAX C	915 - VIRGI	1019.439	1015.487	1.373134	978.5886	4.527523	1060.187	0
59 FAIRFAX C	916 - WAPI	1771.204	1316.484	1.373134	1771.781	6.036697	1338.467	0
59 FAIRFAX C	917 - STON	869.4658	480.3799	2.746269	867.7328	3.018349	491.5276	1.457627
59 FAIRFAX C	918 - CENT	1695.919	821.7046	4.03125	1682.687	11	846.1534	1.344444
59 FAIRFAX C	919 - GREE	1768.163	850.4356	4.03125	1753.403	12.57143	879.0276	2.688889
59 FAIRFAX C	920 - CHAN	1220.669	703.8477	0	1223.236	6.036697	713.8493	0
59 FAIRFAX C	921 - DEER	1271.926	971.4011	2.746269	1261.462	7.545872	996.6667	0
59 FAIRFAX C	923 - BULL	897.9417	899.9522	2.746269	909.7816	6.036697	896.8488	1.457627
59 FAIRFAX C	924 - SPIN	653.8048	290.1824	1.34375	641.8871	14.14286	303.0144	0
59 FAIRFAX C	925 - OLD	759.3587	497.102	1.373134	772.1676	9.055046	496.0648	0
59 FAIRFAX C	926 - POW	1688.695	984.0344	0	1675.434	14.14286	991.9434	2.688889
59 FAIRFAX C	927 - ARMI	897.9417	500.1423	1.373134	883.0233	3.018349	523.2878	1.457627
59 FAIRFAX C	928 - POPL	1220.669	872.5888	1.373134	1198.389	13.58257	892.3116	1.457627
59 FAIRFAX C	929 - DIFF	339.813	307.0783	0	347.8577	0	303.9909	0
59 FAIRFAX C	930 - LEES	1042.22	582.2326	2.746269	1030.194	12.07339	588.3207	0
59 FAIRFAX C	931 - CARS	1252.942	557.9095	1.373134	1236.615	6.036697	574.7092	2.915254
59 FAIRFAX C	932 - STON	746.07	293.3966	0	726.2962	7.545872	311.5529	1.457627
59 FAIRFAX C	933 - COM	319.678	186.7511	0	310.0641	7.857143	188.6693	0
61 FAUQUIER	101 - KETTI	232.3622	686.8423	4.8	221.5772	9.571429	691.8648	1.166667

61	FAUQUIER 102 - CATLI	403.4462	1515.492	0	394.8841	5.866667	1524.088	0
61	FAUQUIER 103 - CASA	323.7183	714.134	0	314.2368	4.785714	716.0347	0
61	FAUQUIER 104 - LOIS	231.0646	661.4804	0	225.382	0	668.6766	0
61	FAUQUIER 105 - OPAL	254.2082	771.75	0	239.7063	3.190476	777.9702	2.333333
61	FAUQUIER 106 - BALD	456.7804	833.9145	1.2	451.2118	4.785714	847.4588	1.166667
61	FAUQUIER 201 - COUF	1062.511	1217.515	2.4	1055.513	15.95238	1219.072	1.166667
61	FAUQUIER 202 - AIRLI	659.3525	1087.121	3.6	632.5023	17.54762	1099.733	0
61	FAUQUIER 203 - WARI	1002.931	1099.251	0	993.0688	4.785714	1119.371	0
61	FAUQUIER 301 - MORI	302.5846	1067.17	0	294.3004	5.866667	1079.219	0
61	FAUQUIER 302 - REMI	701.0586	1447.979	0	670.7747	14.35714	1463.792	0
61	FAUQUIER 303 - BEAL	850.9046	1461.858	0	821.4335	10.26667	1487.016	0
61	FAUQUIER 401 - MARC	776.5266	1278.163	1.2	779.549	4.785714	1282.518	1.166667
61	FAUQUIER 402 - LEED	844.0507	1184.159	0	821.8501	7.97619	1205.476	0
61	FAUQUIER 403 - WATI	546.1504	1349.425	1.2	529.771	11.16667	1353.517	1.166667
61	FAUQUIER 404 - SPRIN	353.5083	618.6129	0	342.4375	6.380952	628.4187	0
61	FAUQUIER 501 - THE F	895.6867	1046.184	0	886.3089	3.190476	1060.456	2.333333
61	FAUQUIER 502 - NEW	657.3665	1282.712	2.4	608.3302	15.95238	1318.773	0
61	FAUQUIER 503 - BROA	492.5284	1032.538	1.2	471.3552	4.785714	1045.35	2.333333
61	FAUQUIER 504 - VINT	814.2606	1655.699	0	815.807	4.785714	1663.195	1.166667
63	FLOYD COL 101 - LOCU	506.9172	1073.935	1.5	496.1344	15.82927	1074.604	0
63	FLOYD COL 201 - LITTL	549.1603	1081.812	0	528.8017	23.02439	1082.476	2
63	FLOYD COL 301 - COUF	474.732	708.9545	6	471.6339	7.195122	725.5871	2
63	FLOYD COL 401 - BURK	400.3037	1075.248	0	389.9657	4.317073	1083.788	1
63	FLOYD COL 501 - INDIA	327.8869	1259.051	1.5	316.4643	8.634146	1263.545	1
65	FLUVANNA 101 - PALM	1377.968	1426.095	1.2	1340.505	15.47619	1452.571	4.5
65	FLUVANNA 201 - COLU	966.7807	1346.867	0	965.3635	7.738095	1355.948	3
65	FLUVANNA 301 - FORK	1067.13	1280.575	2.4	1067.902	13.92857	1293.143	0
65	FLUVANNA 401 - CUNN	773.4246	1778.576	1.2	737.7778	12.38095	1808.468	0
65	FLUVANNA 501 - RIVAI	1250.696	1118.886	1.2	1200.452	15.47619	1157.87	1.5
67	FRANKLIN (102 - BURN	432.5615	1288.317	0	409.4489	12.07895	1304.337	2.5
67	FRANKLIN (103 - SCRU	723.1887	2033.145	2.166667	736.3199	8.052632	2038.027	2.5
67	FRANKLIN (201 - GLAD	278.7994	1190.736	0	264.9375	1.342105	1206.759	0
67	FRANKLIN (202 - PENH	322.7314	760.8852	0	316.5487	1.342105	770.7448	0
67	FRANKLIN (203 - HODC	59.13926	187.7509	0	58.4927	2.684211	188.9807	0
67	FRANKLIN (204 - DUDL	216.2807	676.8914	0	208.1652	4.026316	684.283	0
67	FRANKLIN (301 - SNOV	140.2445	545.9598	0	134.1891	1.342105	555.8255	0
67	FRANKLIN (302 - FORK	125.0373	510.1389	0	120.4262	6.710526	513.8298	0
67	FRANKLIN (303 - SONT	381.8707	697.8898	2.166667	369.8803	4.026316	715.1622	2.5
67	FRANKLIN (304 - DICKI	174.0384	332.2697	0	163.4355	1.342105	344.6118	0
67	FRANKLIN (401 - HENR	187.556	964.6937	0	172.0374	5.368421	977.0178	0
67	FRANKLIN (402 - FERRI	185.8663	476.7885	0	175.4781	8.052632	485.421	0
67	FRANKLIN (403 - ENDI	141.9342	542.2542	0	122.1465	1.342105	558.2959	0
67	FRANKLIN (501 - WAID	206.1426	578.0751	0	189.2411	4.026316	589.1751	0
67	FRANKLIN (502 - CALL	238.2468	888.1111	2.166667	223.6486	5.368421	901.6726	0
67	FRANKLIN (503 - BOW	185.8663	476.7885	0	187.5207	0	482.9506	0
67	FRANKLIN (504 - GOGC	250.0746	737.4163	0	242.5727	5.368421	742.3359	0
67	FRANKLIN (601 - BOON	337.9387	1074.627	0	325.1506	6.710526	1089.418	0

67	FRANKLIN (602 - BONE	285.5582	1057.334	2.166667	271.819	6.710526	1070.891	0
67	FRANKLIN (603 - COOF	216.2807	805.3525	2.166667	201.2837	6.710526	818.9163	0
67	FRANKLIN (701 - ROCK	415.6645	785.5893	0	402.5674	2.684211	804.0943	0
67	FRANKLIN (702 - ROCK	332.8696	527.4318	0	332.0321	4.026316	532.3574	0
67	FRANKLIN (703 - ROCK	277.1097	454.5548	2.166667	266.6579	2.684211	466.8935	2.5
69	FREDERICK 101 - RUSS	340.591	1223.808	0	334.7171	3.861386	1233.611	0
69	FREDERICK 102 - GORE	462.4692	1607.047	1.333333	449.6705	5.148515	1612.889	1.357143
69	FREDERICK 103 - KERN	567.6517	1267.242	0	530.8141	2.574257	1294.909	1.357143
69	FREDERICK 104 - CEDA	333.9128	869.9514	0	321.1932	3.861386	879.874	2.714286
69	FREDERICK 201 - GAIN	183.652	917.2175	0	160.5966	6.435644	927.1241	0
69	FREDERICK 202 - ALBI	392.3475	1129.276	0	371.9079	2.574257	1144.219	1.357143
69	FREDERICK 203 - REDL	552.6257	1576.388	1.333333	532.5045	3.861386	1610.335	0
69	FREDERICK 204 - NAIN	357.2867	997.6976	0	336.4076	2.574257	1021.624	1.357143
69	FREDERICK 301 - CLEA	247.0955	829.0727	1.333333	213.0018	7.722772	855.6104	1.357143
69	FREDERICK 302 - NEFF	1026.782	1420.537	1.333333	1019.366	15.44554	1428.997	1.357143
69	FREDERICK 303 - WHIT	667.8256	1509.96	0	635.6245	5.148515	1543.93	1.357143
69	FREDERICK 401 - CARP	555.9648	950.4315	1.333333	542.6475	7.722772	961.6039	0
69	FREDERICK 402 - SHEN	333.9128	765.1996	0	324.5742	3.861386	776.4345	0
69	FREDERICK 403 - PARK	569.3213	1171.432	1.333333	564.6239	9.009901	1185.084	1.357143
69	FREDERICK 404 - ARMI	631.0952	995.1427	1.333333	622.1005	5.148515	1005.023	1.357143
69	FREDERICK 501 - STEP	751.3038	1202.091	0	743.8159	6.435644	1214.456	1.357143
69	FREDERICK 502 - NEW	747.9647	1563.613	2.666667	733.6729	6.435644	1582.241	1.357143
69	FREDERICK 503 - CANT	836.4515	1475.468	1.333333	828.3404	9.009901	1489.018	0
69	FREDERICK 601 - MILL	383.9997	767.7545	0	388.8128	3.861386	762.3872	1.357143
69	FREDERICK 602 - ASH	587.6865	806.0784	0	552.7904	7.722772	840.286	0
69	FREDERICK 603 - GREE	995.0601	1655.59	2.666667	956.8177	11.58416	1693.342	0
71	GILES COU (101 - GLEN	17.90146	114.9637	0	22.51333	0	113.5805	0
71	GILES COU (102 - RICH	93.4854	456.7889	0	100.2867	1.326087	458.9265	0
71	GILES COU (103 - NARR	246.6423	1141.972	0	214.9	10.6087	1163.433	1.666667
71	GILES COU (201 - PEAR	280.4562	1109.782	0	251.74	10.6087	1138.875	0
71	GILES COU (202 - STAF	75.58394	321.8982	0	67.54	1.326087	333.0671	0
71	GILES COU (203 - WHIT	39.78102	228.3945	0	28.65333	5.304348	230.2307	0
71	GILES COU (301 - EGGL	210.8394	504.3072	0	210.8067	1.326087	514.1819	0
71	GILES COU (302 - PEME	332.1715	1181.826	1.5	311.0933	19.8913	1189.525	1.666667
71	GILES COU (303 - NEW	338.1387	633.0665	1.5	327.4667	10.6087	646.1809	1.666667
73	GLOUCEST (101 - HARC	352.6479	1023.882	2.75	354.1526	2.83871	1027.662	0
73	GLOUCEST (102 - SALE	304.0068	875.7736	0	299.2589	5.677419	885.0735	0
73	GLOUCEST (103 - PEAS	234.5195	698.0431	0	228.4284	8.516129	715.5093	0
73	GLOUCEST (201 - COUF	394.3403	795.9236	0	393.1094	2.83871	804.1451	1.5
73	GLOUCEST (202 - BOTE	540.2635	1276.311	1.375	518.8335	14.19355	1288.431	3
73	GLOUCEST (301 - WHIT	397.8146	1134.642	1.375	386.0263	7.096774	1141.989	0
73	GLOUCEST (302 - ROAN	510.7314	1336.843	0	501.1259	5.677419	1346.237	0
73	GLOUCEST (401 - HAYE	587.1674	1244.114	1.375	571.9564	11.35484	1256.316	1.5
73	GLOUCEST (402 - SARA	562.8469	1084.414	2.75	547.1657	12.77419	1095.744	0
73	GLOUCEST (501 - ACHII	548.9494	1852.004	0	525.9166	2.83871	1883.19	0
73	GLOUCEST (502 - WALK	411.7121	1123.051	1.375	386.0263	14.19355	1140.704	0
75	GOOCHLAN 101 - FIFE	308.8728	751.8404	5.454545	309.409	8.125	750.4211	2

75	GOOCHLAND 102 - HADE	560.6253	1174.751	0	571.8731	4.875	1164.908	0
75	GOOCHLAND 201 - THRE	209.4411	288.653	0	200.5824	1.625	297.4943	0
75	GOOCHLAND 202 - SAND	681.2126	1060.632	2.181818	670.0304	11.375	1071.314	0
75	GOOCHLAND 301 - GOO	361.762	766.9444	0	367.023	1.625	767.1343	0
75	GOOCHLAND 302 - GOO	141.743	362.4945	0	134.4329	0	369.3609	0
75	GOOCHLAND 401 - SHAL	645.248	1303.973	0	661.495	4.875	1283.571	0
75	GOOCHLAND 402 - CENT	634.6701	1295.582	1.090909	638.0226	4.875	1298.613	1
75	GOOCHLAND 501 - MAN	746.7952	1589.27	1.090909	740.4476	13	1582.737	1
75	GOOCHLAND 502 - BLAIF	615.63	996.8598	2.181818	616.6841	1.625	999.4473	1
77	GRAYSON (101 - BRID	76.16617	217.3294	0	73.70347	2.842105	221.3631	0
77	GRAYSON (102 - FLAT	28.14837	122.9941	0	28.47634	0	125.6385	0
77	GRAYSON (103 - GRAN	67.88724	235.2412	0	72.02839	0	234.5252	0
77	GRAYSON (104 - MOU	39.73887	130.1588	0	36.85174	1.421053	131.6213	0
77	GRAYSON (105 - MOU	43.05045	168.3706	0	40.20189	0	172.3043	0
77	GRAYSON (106 - RUGE	49.67359	185.0882	0	46.90221	2.842105	184.2698	2
77	GRAYSON (107 - TROU	18.21365	112.2471	0	15.07571	0	116.0661	0
77	GRAYSON (108 - COMI	48.0178	155.2353	0	46.90221	0	156.749	1
77	GRAYSON (202 - ELK C	79.47774	364.2059	0	70.35331	5.684211	368.5397	0
77	GRAYSON (203 - INDEI	206.9733	840.6588	1	194.3091	7.105263	853.1454	0
77	GRAYSON (301 - BAYM	72.8546	579.1471	0	67.00315	0	589.9028	0
77	GRAYSON (302 - FAIR\	125.8398	709.3059	1	118.9306	4.263158	715.5413	0
77	GRAYSON (401 - FRIES	102.6588	284.2	2	103.8549	1.421053	289.5669	0
77	GRAYSON (402 - PROV	105.9703	696.1706	1	93.80442	1.421053	707.1654	1
77	GRAYSON (403 - OLDT	51.32938	274.6471	1	53.60252	0	277.6013	0
79	GREENE CC 101 - DYKE	273.9333	763.5684	0	257.4117	9.272727	773.0836	0
79	GREENE CC 102 - SWIF	360.4386	885.5586	0	342.5064	9.272727	908.1856	0
79	GREENE CC 201 - RUCK	912.4246	1466.895	2.5	880.7309	9.272727	1499.632	3.5
79	GREENE CC 301 - STAN	502.5544	1278.638	0	470.1486	18.54545	1299.981	1.75
79	GREENE CC 401 - MIDV	885.6491	1453.34	2.5	855.2024	21.63636	1480.117	1.75
81	GREENSVIL 101 - PREC	247.5	181.332	1	241.07	2.4	187.6549	2
81	GREENSVIL 102 - PREC	52.5	126.2608	0	51.22738	0	127.3373	0
81	GREENSVIL 103 - PREC	214.5	47.012	0	206.4162	2.4	53.61569	0
81	GREENSVIL 201 - PREC	304.5	120.888	0	310.3777	0	120.6353	0
81	GREENSVIL 202 - PREC	175.5	372.0664	0	170.2557	0	377.9906	0
81	GREENSVIL 302 - PREC	499.5	299.5336	0	498.7136	4.8	304.269	0
81	GREENSVIL 401 - PREC	78	206.8528	0	82.86782	0	206.4204	0
81	GREENSVIL 402 - PREC	280.5	188.048	0	277.2305	1.2	193.0165	0
81	GREENSVIL 403 - PREC	76.5	137.0064	0	76.84107	1.2	138.0604	0
83	HALIFAX C(101 - CHIL	263.6336	496.8577	1.285714	259.4911	1.530612	498.2126	0
83	HALIFAX C(102 - LIBER	111.2739	255.0713	0	105.8451	4.591837	257.742	0
83	HALIFAX C(103 - REPU	279.0408	455.6743	1.285714	276.5629	3.061224	457.0271	2
83	HALIFAX C(201 - CLAY	145.512	373.3075	0	143.403	1.530612	378.6416	0
83	HALIFAX C(202 - CROS	142.0882	358.694	0	139.9886	1.530612	368.0131	0
83	HALIFAX C(203 - CLOV	318.4146	394.5634	0	319.2424	3.061224	394.5844	0
83	HALIFAX C(302 - MEAL	208.8526	103.6227	0	201.4471	3.061224	108.9425	0
83	HALIFAX C(304 - VERN	166.0549	401.2059	2.571429	169.0107	1.530612	409.1986	0
83	HALIFAX C(305 - SINAI	397.1623	278.9843	1.285714	402.8941	3.061224	285.6419	0

83	HALIFAX C(401 - COUF	306.4313	398.5489	0	319.2424	7.653061	390.5987	0
83	HALIFAX C(403 - CENT	244.8026	487.5582	0	256.0768	3.061224	475.627	0
83	HALIFAX C(502 - DAN	309.8551	575.239	0	302.1706	10.71429	573.941	0
83	HALIFAX C(503 - SCOT	123.2573	556.64	0	126.3312	1.530612	554.0125	0
83	HALIFAX C(601 - BLAC	195.1573	464.9738	0	184.3753	0	474.2984	0
83	HALIFAX C(603 - MT C	409.1456	619.0793	0	396.0654	9.183673	631.0693	0
83	HALIFAX C(605 - UNIO	89.01914	249.7573	0	93.89481	0	245.7849	0
83	HALIFAX C(701 - HYCC	260.2098	771.8564	1.285714	256.0768	1.530612	774.5546	0
83	HALIFAX C(702 - MIDV	111.2739	631.0358	0	109.2594	3.061224	632.3979	0
83	HALIFAX C(703 - VIRGI	56.49291	431.7613	0	59.75124	1.530612	431.7843	0
83	HALIFAX C(801 - SOUT	693.3221	301.5687	1.285714	682.8714	13.77551	298.9276	0
85	HANOVER (101 - ASHL	696.3636	646.4789	3.142857	710.3548	7.931034	644.8558	3.043478
85	HANOVER (104 - SLIDII	665.4545	867.9997	1.571429	662.7537	14.27586	867.3235	1.521739
85	HANOVER (105 - BERK	632.7273	572.6387	3.142857	633.4607	9.517241	580.2199	0
85	HANOVER (106 - KERSI	296.3636	607.2984	1.571429	305.7455	6.344828	598.2578	1.521739
85	HANOVER (107 - CHICI	536.3636	711.2775	0	532.7661	4.758621	712.498	1.521739
85	HANOVER (201 - BEAV	438.1818	1852.034	0	433.9023	11.10345	1848.887	0
85	HANOVER (202 - BLUN	407.2727	785.1178	1.571429	400.9477	4.758621	786.1528	0
85	HANOVER (203 - WILM	461.8182	1202.541	1.571429	441.2255	7.931034	1216.057	0
85	HANOVER (206 - COUF	514.5455	729.3609	0	507.1347	3.172414	732.0391	1.521739
85	HANOVER (208 - OAK I	352.7273	917.7288	1.571429	351.5158	11.10345	915.4246	0
85	HANOVER (209 - WEST	143.6364	384.2707	0	151.9573	0	380.2995	0
85	HANOVER (210 - OAK I	150.9091	370.7082	0	148.2957	1.586207	371.2806	0
85	HANOVER (301 - CLAY	480	1086.507	0	463.1953	9.517241	1092.798	0
85	HANOVER (303 - SHAD	632.7273	1216.104	1.571429	613.3218	17.44828	1216.057	3.043478
85	HANOVER (304 - ATLEI	1761.818	2405.082	1.571429	1763.071	31.72414	2391.528	3.043478
85	HANOVER (305 - COOL	656.3636	1220.625	0	638.9531	12.68966	1234.095	0
85	HANOVER (401 - BATT	416.3636	1520.506	1.571429	410.1017	1.586207	1531.72	1.521739
85	HANOVER (403 - COLD	769.0909	1776.687	3.142857	767.1099	14.27586	1775.232	0
85	HANOVER (404 - BLAC	401.8182	2002.728	0	400.9477	4.758621	1999.203	1.521739
85	HANOVER (405 - PEBB	494.5455	883.0691	0	488.8266	6.344828	879.3488	0
85	HANOVER (406 - BEAV	178.1818	351.1179	0	177.5887	4.758621	342.7205	1.521739
85	HANOVER (502 - RURA	620	1286.93	3.142857	611.491	9.517241	1295.724	0
85	HANOVER (503 - NEWI	550.9091	970.4719	3.142857	543.751	14.27586	965.0289	3.043478
85	HANOVER (504 - STUD	285.4545	1170.895	4.714286	270.9601	4.758621	1182.987	1.521739
85	HANOVER (505 - TOTC	201.8182	854.4372	1.571429	197.7276	4.758621	853.795	1.521739
85	HANOVER (506 - GEOF	410.9091	938.8261	1.571429	421.0866	4.758621	933.4625	0
85	HANOVER (507 - LAUR	509.0909	1198.02	0	505.3039	9.517241	1199.522	0
85	HANOVER (601 - VILLA	923.6364	1870.117	3.142857	942.8678	15.86207	1847.384	1.521739
85	HANOVER (602 - LEE D	654.5455	1515.986	1.571429	651.7688	14.27586	1512.179	0
85	HANOVER (603 - MECH	556.3636	890.6039	0	530.9353	7.931034	903.3993	1.521739
85	HANOVER (604 - HANC	401.8182	893.6177	3.142857	408.2709	4.758621	889.8709	0
85	HANOVER (701 - FARR	450.9091	1285.423	0	430.2407	9.517241	1301.737	0
85	HANOVER (702 - MON	612.7273	1213.09	0	607.8293	6.344828	1213.05	0
85	HANOVER (703 - ROCK	587.2727	1493.381	0	569.3823	6.344828	1504.663	4.565217
85	HANOVER (704 - ELMC	758.1818	1365.291	0	750.6326	15.86207	1366.373	1.521739
85	HANOVER (705 - SOUT	309.0909	874.0275	0	307.5763	7.931034	868.8266	0

87	HENRICO C 101 - COAL	1208.102	1332.678	1.459016	1188.237	18.83438	1337.772	2.558824
87	HENRICO C 102 - DUM	1092.502	454.8577	0	1073.669	21.525	453.2945	2.558824
87	HENRICO C 103 - GLEN	1074.592	1582.295	4.377049	1103.13	13.45313	1547.835	5.117647
87	HENRICO C 105 - GREE	1190.192	769.6525	1.459016	1129.317	33.63281	793.2654	2.558824
87	HENRICO C 106 - HERN	1063.195	857.0185	2.918033	1054.029	16.14375	862.3652	0
87	HENRICO C 108 - HUN	1097.386	1088.608	4.377049	1109.676	17.48906	1072.429	2.558824
87	HENRICO C 109 - HUN	304.4677	492.3003	0	296.241	5.38125	497.5184	0
87	HENRICO C 110 - JOHN	1427.905	736.3703	4.377049	1404.281	41.70469	722.7836	3.838235
87	HENRICO C 111 - LAKE	1465.353	1078.9	5.836066	1422.284	41.70469	1080.72	3.838235
87	HENRICO C 112 - LONG	856.4172	863.9523	0	857.626	13.45313	854.0732	1.279412
87	HENRICO C 113 - MAU	433.0931	418.8019	0	422.2662	5.38125	422.8906	2.558824
87	HENRICO C 114 - MON	521.0143	407.7078	0	513.9209	2.690625	420.1266	1.279412
87	HENRICO C 115 - STAP	1042.029	1151.012	0	1039.299	14.79844	1147.056	1.279412
87	HENRICO C 117 - WEST	823.8538	549.1575	1.459016	816.7087	16.14375	547.2702	0
87	HENRICO C 201 - ADAM	1120.782	86.23873	1.633333	1087.261	19.80588	100.3611	0
87	HENRICO C 202 - AZAL	1525.595	163.6378	4.377049	1502.482	29.59688	165.8395	3.838235
87	HENRICO C 203 - BELM	1248.806	575.506	0	1242.248	29.59688	561.0902	0
87	HENRICO C 204 - BRO	299.5832	238.523	1.459016	291.331	13.45313	236.3212	0
87	HENRICO C 205 - CANT	382.6199	285.6728	0	397.7159	0	279.1631	0
87	HENRICO C 206 - CENT	1366.06	63.33156	0	1341.069	33.95294	62.89292	0
87	HENRICO C 207 - CHAN	1312.305	428.5093	2.918033	1286.439	21.525	432.5646	2.558824
87	HENRICO C 208 - FAIR	1057.76	71.41645	1.633333	1046.103	16.97647	70.92181	1.736842
87	HENRICO C 209 - GLEN	953.8573	164.3926	4.9	939.7775	15.56176	164.5921	5.210526
87	HENRICO C 210 - GREE	724.5355	221.8818	0	715.2339	6.726563	230.7932	0
87	HENRICO C 211 - HIGH	551.8746	25.60212	1.633333	543.6304	11.31765	26.76295	0
87	HENRICO C 212 - HOLL	437.9776	177.5055	0	435.3597	10.7625	171.3674	0
87	HENRICO C 213 - HUN	757.0989	248.2303	0	738.1475	14.79844	252.9052	1.279412
87	HENRICO C 214 - LONG	828.7383	409.0946	0	818.3454	16.14375	402.1607	0
87	HENRICO C 215 - MAP	1739.086	84.89125	3.266667	1709.778	39.61176	84.30328	0
87	HENRICO C 216 - MOO	413.5551	328.6624	0	399.3525	14.79844	326.1509	0
87	HENRICO C 217 - MOU	338.6593	230.2024	0	333.8849	4.035938	230.7932	1.279412
87	HENRICO C 218 - OAK	40.70424	47.14989	0	44.19065	0	44.22386	0
87	HENRICO C 219 - RAN	214.9184	49.92341	0	216.0432	4.035938	45.60585	1.279412
87	HENRICO C 220 - RAT	1861.725	115.8833	0	1834.967	26.87941	131.1384	0
87	HENRICO C 221 - STR	161.1888	105.3939	0	148.9389	14.79844	106.4137	0
87	HENRICO C 222 - WILD	1079.476	245.4568	1.459016	1065.486	12.10781	250.1412	1.279412
87	HENRICO C 223 - YELL	1201.589	809.8686	2.918033	1217.698	12.10781	796.0294	0
87	HENRICO C 224 - ESSE	345.7733	13.4748	1.633333	342.9845	7.073529	13.38147	0
87	HENRICO C 301 - CAUS	911.775	800.1613	1.459016	918.1835	6.726563	797.4114	0
87	HENRICO C 302 - CEDA	753.8425	1017.883	0	741.4209	16.14375	1014.385	1.279412
87	HENRICO C 303 - INNS	1108.783	940.2242	1.459016	1099.856	6.726563	943.9029	2.558824
87	HENRICO C 304 - JACK	568.2312	624.0426	1.459016	566.295	8.071875	617.752	0
87	HENRICO C 305 - NUCK	1248.806	1352.092	2.918033	1248.795	8.071875	1346.064	3.838235
87	HENRICO C 306 - POCA	1084.361	802.9348	2.918033	1072.032	6.726563	815.3773	1.279412
87	HENRICO C 307 - RIDG	613.8199	542.2237	0	610.4857	12.10781	537.5962	1.279412
87	HENRICO C 308 - RIVE	1222.755	1214.803	1.459016	1206.241	9.417188	1225.83	1.279412
87	HENRICO C 309 - SADL	1256.947	1055.325	1.459016	1245.522	6.726563	1072.429	1.279412

87	HENRICO C 310 - SHAD	1232.524	1429.751	2.918033	1242.248	5.38125	1427.601	0
87	HENRICO C 311 - SHOR	706.6256	683.6733	0	715.2339	6.726563	673.0318	1.279412
87	HENRICO C 312 - SPRIN	748.958	554.7045	0	743.0576	5.38125	555.5622	0
87	HENRICO C 313 - STON	1309.048	1357.639	2.918033	1327.356	13.45313	1340.536	2.558824
87	HENRICO C 314 - THRE	1017.606	940.2242	1.459016	1000.018	18.83438	946.6669	0
87	HENRICO C 315 - TUCK	1253.691	532.5164	1.459016	1220.971	29.59688	536.2143	1.279412
87	HENRICO C 316 - COLO	898.7496	619.8823	0	885.4497	10.7625	627.426	0
87	HENRICO C 401 - QUIO	1159.257	852.8582	4.377049	1162.05	10.7625	841.6353	5.117647
87	HENRICO C 402 - CRES	1108.783	685.0601	2.918033	1078.579	22.87031	693.7617	2.558824
87	HENRICO C 403 - DERB	815.713	890.3008	2.918033	798.7051	10.7625	898.2971	1.279412
87	HENRICO C 404 - FREEI	750.5862	655.9381	1.459016	728.3274	16.14375	663.3578	0
87	HENRICO C 405 - GAYT	957.3637	1187.068	1.459016	983.6511	6.726563	1158.112	1.279412
87	HENRICO C 406 - GOD\	926.4285	805.7083	1.459016	931.277	8.071875	802.9394	0
87	HENRICO C 407 - LAKE\	592.6537	746.0776	0	595.7554	13.45313	732.4576	0
87	HENRICO C 408 - LAUD	897.1214	784.9069	1.459016	885.4497	13.45313	783.5914	2.558824
87	HENRICO C 409 - MAYE	897.1214	938.8374	0	877.2662	16.14375	946.6669	0
87	HENRICO C 410 - MOO	532.4115	809.8686	0	523.741	0	820.9053	1.279412
87	HENRICO C 411 - PEME	841.7637	658.7116	1.459016	805.2518	22.87031	670.2678	1.279412
87	HENRICO C 412 - PINCI	1099.014	897.2346	1.459016	1067.122	20.17969	912.117	0
87	HENRICO C 413 - RIDGI	1152.744	1234.218	0	1157.14	14.79844	1218.92	2.558824
87	HENRICO C 414 - ROLLI	934.5693	789.0672	1.459016	928.0037	1.345313	789.1194	3.838235
87	HENRICO C 415 - SKIPV	595.9101	427.1225	0	572.8418	10.7625	438.0926	0
87	HENRICO C 416 - SPOT	561.7185	452.0842	1.459016	559.7482	4.035938	449.1485	1.279412
87	HENRICO C 417 - TUCK	892.2369	1396.469	1.459016	883.813	8.071875	1397.197	2.558824
87	HENRICO C 418 - WELE	789.6622	626.8161	0	780.7015	16.14375	624.662	0
87	HENRICO C 419 - WEST	945.9665	1022.043	4.377049	955.8274	6.726563	1013.003	2.558824
87	HENRICO C 501 - ANTI	441.159	1166.918	1.633333	440.7351	7.073529	1153.483	1.736842
87	HENRICO C 502 - CEDA	703.4697	111.8408	4.9	684.2541	19.80588	119.0951	1.736842
87	HENRICO C 503 - CHICI	746.0527	776.1485	0	728.8421	14.14706	776.1255	0
87	HENRICO C 504 - DONA	739.2394	351.6923	3.266667	721.9824	12.73235	359.9616	3.473684
87	HENRICO C 505 - DORE	1166.772	780.191	0	1150.713	16.97647	780.1399	0
87	HENRICO C 506 - EANE	1228.091	417.7188	4.9	1215.88	25.46471	413.4875	1.736842
87	HENRICO C 507 - ELKO	112.4189	475.6605	0	111.47	4.244118	468.3516	0
87	HENRICO C 508 - HIGH	897.6478	196.7321	6.533333	867.7508	22.63529	204.7365	3.473684
87	HENRICO C 509 - LABU	727.3162	227.7241	3.266667	723.6973	15.56176	218.118	1.736842
87	HENRICO C 510 - MEHI	1030.507	386.7268	0	1015.234	9.902941	393.4153	0
87	HENRICO C 511 - MON	1715.24	234.4615	3.266667	1694.343	41.02647	227.485	1.736842
87	HENRICO C 512 - NINE	526.3248	266.8011	1.633333	512.7618	18.39118	264.9532	1.736842
87	HENRICO C 513 - PLEA	1567.051	177.8674	0	1541.715	25.46471	186.0025	3.473684
87	HENRICO C 514 - ROLF	1878.758	177.8674	1.633333	1858.976	19.80588	190.0169	0
87	HENRICO C 515 - SAND	541.6547	923.0239	0	517.9066	18.39118	923.3217	0
87	HENRICO C 516 - SULLI	1422.269	416.3714	1.633333	1413.096	14.14706	416.1638	0
87	HENRICO C 517 - TOWI	306.597	419.0663	0	293.2517	14.14706	417.502	1.736842
87	HENRICO C 518 - WHIT	674.5134	1011.958	1.633333	668.8198	9.902941	1006.287	3.473684
89	HENRY COL 101 - BASSI	186.1008	226.5	0	190.8362	0	230.1905	0
89	HENRY COL 102 - GUN\	127.9443	735.4741	0	121.5948	2.736842	751.6955	0
89	HENRY COL 103 - SCOT	254.2269	1189.776	3	243.1895	5.473684	1201.672	1

89 HENRY COI 201 - FIELD	127.9443	315.0172	0	136.7941	2.736842	310.8222	0
89 HENRY COI 202 - HORS	328.9996	710.7414	2	315.8086	1.368421	728.2863	1
89 HENRY COI 203 - HORS	418.7267	173.1293	0	415.4488	5.473684	174.2685	1
89 HENRY COI 204 - SPEN	260.8734	820.0862	0	253.3224	2.736842	828.4256	1
89 HENRY COI 302 - AXTO	296.7187	359.167	0	289.5454	0	372.4402	0
89 HENRY COI 303 - IRISBI	372.2152	614.5747	0	358.8231	5.866667	630.8951	0
89 HENRY COI 304 - MOU	540.7654	501.5036	2	536.4583	4.4	515.5844	0
89 HENRY COI 305 - MOU	222.978	393.7535	0	214.9386	5.866667	404.25	0
89 HENRY COI 401 - COLLI	144.5604	391.819	0	124.9724	2.736842	407.06	0
89 HENRY COI 402 - DANI	192.7472	373.5948	0	194.2139	2.736842	381.0498	0
89 HENRY COI 404 - COLLI	309.0602	667.7845	0	293.854	1.368421	684.0689	2
89 HENRY COI 405 - MOU	261.6041	367.1485	0	261.1237	1.466667	367.1385	0
89 HENRY COI 501 - BASSI	194.4088	322.8276	1	195.9027	1.368421	329.0293	1
89 HENRY COI 502 - FIGSE	151.2069	550.6293	0	141.8606	2.736842	559.2198	0
89 HENRY COI 503 - STAN	164.4998	924.2241	1	155.3711	4.105263	935.0675	0
89 HENRY COI 504 - OAK I	109.6665	316.319	0	106.3954	1.368421	322.5268	0
89 HENRY COI 505 - DYER	125.2799	334.4109	1	118.6548	1.368421	339.2035	1
89 HENRY COI 601 - FONT	280.8128	615.7155	1	268.5218	9.578947	626.8464	1
89 HENRY COI 602 - HILLC	142.8988	251.2328	0	135.1053	2.736842	257.5012	1
89 HENRY COI 603 - RIDGI	284.4286	871.3126	0	268.2291	4.4	886.6992	2
89 HENRY COI 604 - RIDGI	219.333	648.2586	0	206.0356	1.368421	658.0586	1
91 HIGHLAND 001 - MON	109.1455	278.4375	0	98.14356	1.6	288.4072	0
91 HIGHLAND 003 - WILSI	25.30909	83.16964	0	22.52475	0	86.88418	0
91 HIGHLAND 005 - BLUE	71.18182	150.6696	0	70.79208	1.6	152.0473	1
91 HIGHLAND 007 - MILL	52.2	103.6607	0	45.0495	1.6	108.6052	0
91 HIGHLAND 008 - MCDI	71.18182	248.3036	0	69.18317	3.2	250.9988	0
91 HIGHLAND 010 - HEAD	18.98182	80.75893	0	19.30693	0	82.05729	0
93 ISLE OF WI 101 - SMITI	754.3196	1478.194	0	730.0103	5.515152	1497.129	1.454545
93 ISLE OF WI 102 - CYPR	644.631	1158.731	3.8	640.0323	5.515152	1167.436	1.454545
93 ISLE OF WI 201 - BART	897.7584	1647.401	3.8	889.594	15.16667	1651.165	2.909091
93 ISLE OF WI 202 - CARR	874.1332	1308.986	5.066667	869.2216	9.651515	1321.473	2.909091
93 ISLE OF WI 301 - RUSH	698.6316	800.0114	1.266667	697.7541	5.515152	809.3683	1.454545
93 ISLE OF WI 302 - PONS	777.9448	580.7189	0	774.1505	8.272727	583.718	0
93 ISLE OF WI 401 - COUF	151.8764	513.0361	1.266667	129.0251	2.757576	529.6701	1.454545
93 ISLE OF WI 402 - WINC	334.1281	927.2551	0	332.7489	4.136364	928.2738	0
93 ISLE OF WI 403 - LONG	631.1309	896.121	1.266667	624.753	11.0303	890.4403	1.454545
93 ISLE OF WI 501 - WALI	197.4394	721.4993	0	183.3514	2.757576	737.7548	0
93 ISLE OF WI 502 - CAMI	189.0018	207.1095	0	186.7468	6.893939	208.0847	0
93 ISLE OF WI 503 - CARR	214.3145	443.9995	1.266667	207.1192	5.515152	449.9493	1.454545
93 ISLE OF WI 504 - ZUNI	207.5644	768.8773	1.266667	213.91	5.515152	772.8859	0
93 ISLE OF WI 505 - RAYN	91.12585	448.0605	0	86.58262	2.757576	452.6517	1.454545
95 JAMES CITY 101 - BERK	1303.32	1455.423	1.785714	1316.87	5.024096	1445.334	4
95 JAMES CITY 102 - BERK	1023.036	1076.263	1.785714	1037.106	5.024096	1068.29	2
95 JAMES CITY 103 - BERK	1306.123	1692.398	1.785714	1297.089	5.024096	1702.588	2
95 JAMES CITY 104 - BERKE	506.6541	434.6373	0	500.1731	2.848485	440.1244	0
95 JAMES CITY 201 - JAME	390.7825	356.2322	4	382.6209	8.545455	357.1779	5
95 JAMES CITY 202 - JAME	1294.911	861.0101	0	1297.089	26.79518	854.2395	2

95 JAMES CIT\203 - JAME	927.7395	965.6742	0	938.1996	5.024096	962.2468	0
95 JAMES CIT\204 - JAME	826.8374	1018.994	0	796.9045	6.698795	1034.906	0
95 JAMES CIT\301 - POW	868.8799	1200.675	3.571429	850.5966	5.024096	1221.464	0
95 JAMES CIT\302 - POW	591.3989	452.2278	3.571429	613.2208	8.373494	441.848	0
95 JAMES CIT\303 - POW	426.0315	1046.641	0	429.5372	3.349398	1042.761	2
95 JAMES CIT\304 - POW	1356.574	977.5229	5.357143	1370.563	13.39759	981.8845	2
95 JAMES CIT\401 - STON	1765.788	2193.996	3.571429	1735.104	18.42169	2201.385	2
95 JAMES CIT\402 - STON	1712.534	2012.315	1.785714	1732.278	23.44578	1985.37	0
95 JAMES CIT\403 - STON	1210.826	2047.861	1.785714	1226.442	13.39759	2022.682	0
95 JAMES CIT\501 - ROBE	906.5246	402.2526	0	928.8929	5.69697	394.4192	0
95 JAMES CIT\502 - ROBE	799.741	1568.103	0	806.7308	4.272727	1557.363	0
95 JAMES CIT\503 - ROBE	363.5186	156.8103	0	357.2665	7.121212	159.1219	0
95 JAMES CIT\504 - ROBE	1242.779	1170.964	0	1219.316	18.51515	1174.794	0
97 KING & QU 101 - OWEI	353.119	335.5791	0	347.2396	3.6	339.4286	0
97 KING & QU 201 - CLAR	194.7241	489.4913	0	189.8047	1.2	496.5714	0
97 KING & QU 301 - SHAC	245.5848	421.3662	2	239.8307	4.8	424.9143	1
97 KING & QU 401 - COUF	235.4127	388.5652	0	233.9453	7.2	385.9429	0
97 KING & QU 501 - OLDN	119.1595	462.9982	0	119.1797	1.2	465.1429	0
99 KING GEOR 101 - COUF	669.6444	1457.732	3.2	610.023	12.77193	1503.768	0
99 KING GEOR 102 - PASS	454.48	858.4423	0	435.0899	3.192982	879.6236	0
99 KING GEOR 201 - MON	627.9289	1747.659	1.6	616.7512	25.54386	1759.247	3.5
99 KING GEOR 301 - DAHL	937.5022	1423.718	0	926.2481	20.75439	1429.388	3.5
99 KING GEOR 401 - SHILC	768.4444	1697.448	3.2	728.8878	28.73684	1713.972	0
101 KING WILLI 101 - WEST	576.3997	1088.839	0	570.1106	14.90323	1088.349	0
101 KING WILLI 201 - SWEE	146.4622	517.356	0	148.1013	1.064516	517.1229	0
101 KING WILLI 202 - COUF	288.1999	650.786	1.166667	289.8327	4.258065	654.2674	1.2
101 KING WILLI 301 - AYLE	340.1703	1334.3	2.333333	318.4975	6.387097	1350.056	1.2
101 KING WILLI 401 - MAN	444.1113	1397.239	3.5	428.3792	5.322581	1409.191	3.6
101 KING WILLI 501 - MAN	497.6566	1252.48	0	492.0787	1.064516	1267.014	0
103 LANCASTER 101 - PREC	313.4467	720.8721	1	322.5503	1.777778	714.9201	3
103 LANCASTER 201 - PREC	480.3709	404.6475	0	468.8231	1.777778	417.0367	0
103 LANCASTER 301 - PREC	344.9768	644.4386	0	343.1785	5.333333	646.4069	0
103 LANCASTER 302 - PREC	140.9583	338.705	1	144.3975	0	336.6082	0
103 LANCASTER 401 - PREC	615.7651	400.1514	0	618.8465	3.555556	397.6743	0
103 LANCASTER 501 - PREC	504.4822	935.1854	0	508.2042	3.555556	935.3538	0
105 LEE COUNT 101 - ELYD	55.8144	317.0283	0	55.86	1.384615	318.4829	0
105 LEE COUNT 102 - EWIN	55.8144	304.16	0	49.98	1.384615	307.9449	0
105 LEE COUNT 103 - ROSE	77.8464	608.3201	0	73.5	2.769231	613.548	0
105 LEE COUNT 201 - BLAC	22.032	124.0037	0	17.64	0	128.7982	0
105 LEE COUNT 202 - FLAT	73.44	483.1465	0	69.09	0	487.0915	0
105 LEE COUNT 203 - JONE	92.5344	703.0776	0	94.08	2.769231	706.0485	0
105 LEE COUNT 301 - BEN F	111.6288	740.5127	0	99.96	2.769231	748.2007	0
105 LEE COUNT 302 - WOO	52.8768	547.4881	0	48.51	1.384615	552.6615	2
105 LEE COUNT 401 - STICK	54.3456	327.557	0	57.33	2.769231	325.5083	0
105 LEE COUNT 402 - JASPE	30.8448	255.0265	0	38.22	0	250.5711	0
105 LEE COUNT 403 - SEMI	35.2512	353.2936	0	35.28	0	354.7806	0
105 LEE COUNT 404 - DRYD	80.784	565.0357	3.333333	76.44	1.384615	571.3958	0

105	LEE COUNT 501 - SAINT	57.2832	201.2136	0	55.86	0	207.2481	0
105	LEE COUNT 502 - PENN	79.3152	581.4136	0	76.44	0	588.9592	0
105	LEE COUNT 503 - ROBB	14.688	84.22893	0	10.29	0	91.32966	0
105	LEE COUNT 504 - KEOK	23.5008	120.4942	1.666667	23.52	1.384615	119.4311	0
107	LOUDOUN 107 - LITTL	1003.892	761.3958	1.289256	995.1621	4.808383	773.827	1.385417
107	LOUDOUN 108 - MERC	993.4714	663.4811	0	986.4326	4.808383	667.644	1.385417
107	LOUDOUN 112 - FREEI	772.8929	489.5731	1.289256	780.4166	8.013972	481.4601	0
107	LOUDOUN 114 - DULL	800.6824	575.7964	2.578512	817.0805	1.602794	571.6429	0
107	LOUDOUN 117 - CART	519.3146	248.4401	0	509.8023	4.808383	258.9121	0
107	LOUDOUN 118 - MOO	1207.102	685.4023	0	1195.94	11.21956	693.8261	0
107	LOUDOUN 119 - ARCC	998.6819	533.4155	1.289256	1024.842	4.808383	510.5513	0
107	LOUDOUN 120 - LUNS	1108.103	740.936	2.578512	1075.473	12.82236	766.5542	0
107	LOUDOUN 121 - TOWI	720.7878	486.6503	1.289256	696.6135	11.21956	501.8239	1.385417
107	LOUDOUN 122 - HUTC	1007.366	752.6273	0	984.6867	11.21956	773.827	0
107	LOUDOUN 123 - CARD	668.6827	479.3432	2.578512	668.6791	1.602794	481.4601	1.385417
107	LOUDOUN 124 - LIBER	795.4718	472.0361	0	789.1461	8.013972	478.5509	0
107	LOUDOUN 125 - ROCK	951.7873	558.2595	2.578512	934.0557	12.82236	576.0066	0
107	LOUDOUN 126-GOSHE	1017.787	692.7094	2.578512	1005.638	8.013972	704.0081	2.770833
107	LOUDOUN 207 - RIVEF	708.6299	562.6437	1.289256	700.1053	9.616766	564.3701	1.385417
107	LOUDOUN 208 - ALGO	821.5244	588.9491	2.578512	841.523	4.808383	590.5522	1.385417
107	LOUDOUN 209 - POTC	1088.997	688.3252	1.289256	1073.728	12.82236	693.8261	0
107	LOUDOUN 210 - CASC	1245.313	770.1642	1.289256	1218.637	14.42515	791.2818	1.385417
107	LOUDOUN 213 - COUN	444.6305	258.67	0	439.9664	1.602794	263.2757	1.385417
107	LOUDOUN 214 - SUGA	1177.576	844.6963	3.867769	1197.686	8.013972	839.2823	0
107	LOUDOUN 215 - SUGA	1149.787	768.7028	0	1150.547	9.616766	765.0997	0
107	LOUDOUN 216 - LOWI	1045.577	815.468	2.578512	1024.842	4.808383	834.9186	4.15625
107	LOUDOUN 217 - SOUT	1085.524	818.3908	2.578512	1077.219	8.013972	824.7367	0
107	LOUDOUN 218 - UNIV	911.84	498.3416	0	895.6459	9.616766	510.5513	0
107	LOUDOUN 219 - GALIL	936.1557	631.3301	1.289256	927.0721	12.82236	634.1891	0
107	LOUDOUN 301 - PURC	929.2084	1104.828	0	921.8344	1.602794	1124.377	0
107	LOUDOUN 302 - ROUN	875.3664	1341.576	1.289256	822.3182	9.616766	1378.925	0
107	LOUDOUN 303 - HILLS	715.5773	1142.824	1.289256	689.6299	3.205589	1165.104	0
107	LOUDOUN 305 - PHILC	474.1568	590.4105	1.289256	469.6467	0	593.4613	1.385417
107	LOUDOUN 307 - MIDC	625.2617	469.1133	0	612.8104	0	481.4601	1.385417
107	LOUDOUN 308 - ST LO	573.1566	492.4959	0	565.6711	4.808383	497.4602	0
107	LOUDOUN 309 - ALDI	387.3149	409.1954	0	389.3354	8.013972	401.4591	0
107	LOUDOUN 310 - MOU	1016.05	1359.113	1.289256	993.4162	9.616766	1373.107	4.15625
107	LOUDOUN 311 - ROUN	958.7346	1430.723	2.578512	939.2934	19.23353	1426.925	2.770833
107	LOUDOUN 312 - BRIAF	1332.155	688.3252	0	1283.235	17.63074	724.3719	0
107	LOUDOUN 313 - PINEE	1217.523	1005.452	1.289256	1213.399	9.616766	1000.739	1.385417
107	LOUDOUN 314 - LEGA	1229.681	733.6289	1.289256	1202.924	4.808383	753.4632	1.385417
107	LOUDOUN 315 - FIREH	302.2098	453.0378	1.289256	288.0732	4.808383	466.9144	0
107	LOUDOUN 316 - CREIC	1457.207	865.156	2.578512	1436.874	9.616766	884.3738	0
107	LOUDOUN 318 - MADI	1026.471	1229.048	1.289256	986.4326	12.82236	1252.378	2.770833
107	LOUDOUN 319 - JOHN	1705.575	1310.887	1.289256	1688.284	6.411178	1328.015	0
107	LOUDOUN 320 - STON	1926.153	897.3071	1.289256	1936.201	12.82236	898.9194	1.385417
107	LOUDOUN 321 - BRAN	795.4718	472.0361	1.289256	780.4166	1.602794	487.2783	4.15625

107 LOUDOUN 322-BUFFA	885.7874	555.3366	0	890.4082	1.602794	557.0973	2.770833
107 LOUDOUN 401 - WEST	1130.682	1724.466	3.867769	1101.662	8.013972	1745.475	4.15625
107 LOUDOUN 402 - WATI	976.103	1287.504	0	944.5311	8.013972	1313.47	1.385417
107 LOUDOUN 403 - LUCK	1040.366	1300.657	2.578512	1033.572	3.205589	1307.651	1.385417
107 LOUDOUN 407 - HARP	722.5246	505.6486	0	707.0889	3.205589	522.1878	2.770833
107 LOUDOUN 408 - EVER	1075.103	1036.141	2.578512	1035.318	9.616766	1066.194	1.385417
107 LOUDOUN 409 - CLAR	811.1034	1150.131	3.867769	761.2117	8.013972	1189.832	2.770833
107 LOUDOUN 411 - EAST	670.4195	1100.443	5.157025	645.9824	6.411178	1124.377	2.770833
107 LOUDOUN 413 - TUSC	65.99985	42.38095	1.289256	68.09004	0	42.1823	0
107 LOUDOUN 414 - RED F	771.1561	458.8834	1.289256	747.2445	8.013972	475.6418	1.385417
107 LOUDOUN 416 - HAMI	1115.05	1492.102	2.578512	1087.695	20.83633	1505.472	4.15625
107 LOUDOUN 420 - RIVEF	559.2619	828.6207	1.289256	579.6383	3.205589	818.9185	1.385417
107 LOUDOUN 421 - BETM	118.105	203.1363	0	122.2129	1.602794	202.1841	0
107 LOUDOUN 422 - SYCO	576.6302	819.8523	0	577.8924	1.602794	820.373	0
107 LOUDOUN 501 - WEST	894.4716	700.0165	2.578512	855.4902	6.411178	730.1902	4.15625
107 LOUDOUN 502 - EAST	1085.524	580.1807	2.578512	1058.014	12.82236	603.6433	4.15625
107 LOUDOUN 503 - DRY I	543.6303	450.115	0	520.2777	3.205589	469.8236	0
107 LOUDOUN 504 - SMAF	1109.84	743.8588	3.867769	1066.744	20.83633	775.2816	2.770833
107 LOUDOUN 505 - COOL	983.0503	942.6109	0	991.6703	9.616766	935.2834	0
107 LOUDOUN 506 - BRAN	616.5775	371.1987	5.157025	584.876	20.83633	392.7318	2.770833
107 LOUDOUN 507 - GREE	401.2096	415.0411	1.289256	389.3354	11.21956	411.6411	2.770833
107 LOUDOUN 508 - BALLS	1200.155	872.4631	1.289256	1181.973	6.411178	887.2829	1.385417
107 LOUDOUN 509 - TOLB	1490.207	831.5436	1.289256	1466.555	9.616766	855.2825	1.385417
107 LOUDOUN 510 - HERIT	543.6303	512.9557	0	511.5482	14.42515	530.9152	0
107 LOUDOUN 615 - HILLS	1146.313	742.3974	2.578512	1127.85	14.42515	753.4632	0
107 LOUDOUN 616 - EAGL	1179.313	773.0871	2.578512	1168.006	8.013972	786.9181	2.770833
107 LOUDOUN 617 - OAK C	574.8934	201.6749	0	562.1793	4.808383	218.1843	0
107 LOUDOUN 619 - RIDGI	580.1039	232.3645	0	572.6547	8.013972	238.5482	1.385417
107 LOUDOUN 620 - RUSS	1281.786	882.693	1.289256	1283.235	9.616766	884.3738	4.15625
107 LOUDOUN 621 - DOM	1380.786	941.1495	2.578512	1365.293	11.21956	957.1019	0
107 LOUDOUN 622 - FARM	1469.365	853.4647	3.867769	1449.096	12.82236	866.919	2.770833
107 LOUDOUN 623 - WELL	1540.575	999.606	3.867769	1532.899	4.808383	1024.012	1.385417
107 LOUDOUN 625 - MILL	494.9989	384.3514	0	485.3598	1.602794	391.2772	0
107 LOUDOUN 626 - ASHB	1115.05	666.404	0	1129.596	1.602794	663.2803	0
107 LOUDOUN 627 - ASHB	437.6832	216.289	3.867769	436.4746	3.205589	219.6389	0
107 LOUDOUN 628 - MOO	1398.155	825.6979	2.578512	1401.956	4.808383	839.2823	0
107 LOUDOUN 629 - DISC	307.4203	201.6749	0	312.5158	0	200.7296	0
107 LOUDOUN 701 - SULLY	859.7348	590.4105	1.289256	834.5395	14.42515	602.1887	5.541667
107 LOUDOUN 702 - PARK	791.9982	546.5682	3.867769	775.1789	12.82236	558.5518	2.770833
107 LOUDOUN 703 - ROLL	1182.787	489.5731	3.867769	1183.719	4.808383	493.0966	5.541667
107 LOUDOUN 705 - FORE	1153.26	727.7833	1.289256	1145.309	12.82236	746.1904	1.385417
107 LOUDOUN 707 - CLAU	861.4717	442.8079	1.289256	857.2361	12.82236	440.7323	1.385417
107 LOUDOUN 708 - SENE	866.6822	660.5583	2.578512	855.4902	4.808383	674.9168	0
107 LOUDOUN 709 - MIRR	996.9451	581.6421	3.867769	977.7031	22.43912	600.7342	1.385417
107 LOUDOUN 710 - STER	658.2616	469.1133	3.867769	654.7119	8.013972	474.1872	1.385417
107 LOUDOUN 808 - STON	1359.944	989.3761	2.578512	1354.817	3.205589	1005.102	4.15625
107 LOUDOUN 810 - CEDA	1071.629	755.5501	1.289256	1084.203	11.21956	752.0086	2.770833

107 LOUDOUN 813 - SELDI	948.3136	529.0312	0	904.3754	12.82236	560.0064	2.770833
107 LOUDOUN 814 - NEW	1061.208	1050.755	1.289256	1021.351	9.616766	1079.285	1.385417
107 LOUDOUN 815 - BELM	1108.103	717.5534	2.578512	1078.965	8.013972	741.8267	1.385417
107 LOUDOUN 817 - SAND	1274.839	1047.833	2.578512	1272.76	16.02794	1042.921	2.770833
107 LOUDOUN 818 - BROA	882.3137	667.8654	1.289256	862.4738	8.013972	685.0988	0
107 LOUDOUN 819 - HERI	807.6297	631.3301	0	796.1297	4.808383	637.0982	1.385417
107 LOUDOUN 820 - BELM	979.5767	682.4795	2.578512	961.99	9.616766	698.1898	0
107 LOUDOUN 822 - RIVE	802.4192	540.7225	0	782.1625	4.808383	557.0973	0
109 LOUISA CO 101 - ZION	913.198	1216.674	1.6	903.6084	7.016129	1233.927	0
109 LOUISA CO 102 - MEC	371.3198	670.2791	1.6	376.9544	5.612903	668.2151	1.75
109 LOUISA CO 201 - LOUI	410.4061	683.3196	0	404.0086	2.806452	687.6777	1.75
109 LOUISA CO 202 - LOUI	318.0203	715.9207	0	299.3992	7.016129	724.0078	0
109 LOUISA CO 301 - PATR	898.9848	949.3447	0	878.3579	15.43548	966.6412	0
109 LOUISA CO 302 - PATR	209.6447	328.6193	0	196.5935	5.612903	336.0538	0
109 LOUISA CO 401 - MINE	532.9949	1309.261	0	539.2793	4.209677	1303.993	1.75
109 LOUISA CO 402 - YANC	197.2081	341.6598	0	194.7898	5.612903	342.5413	0
109 LOUISA CO 501 - FRED	264.7208	314.2748	1.6	268.7378	4.209677	313.9962	0
109 LOUISA CO 502 - CUCK	280.7107	662.4548	0	268.7378	5.612903	670.8101	0
109 LOUISA CO 503 - ELK C	227.4112	642.8942	0	238.0765	2.806452	634.48	0
109 LOUISA CO 601 - BUMI	255.8376	919.3517	3.2	261.5234	1.403226	917.336	0
109 LOUISA CO 602 - LOCU	374.8731	1054.972	0	382.3652	8.419355	1041.897	0
109 LOUISA CO 701 - SHEL	367.7665	1138.431	0	367.9364	8.419355	1135.317	1.75
109 LOUISA CO 702 - SOUT	326.9036	658.5427	0	315.6317	2.806452	672.1076	0
111 LUNENBUR 101 - PLYM	87.05455	360.213	0	79.98608	0	366.943	0
111 LUNENBUR 201 - BROV	170.4818	361.5373	0	158.1543	3.142857	366.943	0
111 LUNENBUR 301 - ROSE	90.68182	336.3753	0	94.529	0	335.1501	0
111 LUNENBUR 302 - FLAT	161.4136	317.835	1	158.1543	0	324.5524	0
111 LUNENBUR 401 - ARRC	54.40909	229.106	0	47.2645	0	234.4726	0
111 LUNENBUR 402 - PLEA	126.9545	377.429	0	125.4327	0	381.5147	0
111 LUNENBUR 501 - REED	114.2591	146.9987	0	112.7077	1.571429	147.0421	0
111 LUNENBUR 502 - PEOP	179.55	146.9987	0	181.7865	0	145.7174	0
111 LUNENBUR 601 - HOU	360.9136	271.484	0	363.5731	1.571429	272.889	0
111 LUNENBUR 701 - MEHI	136.0227	186.728	0	134.522	4.714286	188.1079	0
111 LUNENBUR 702 - VICT	114.2591	250.295	0	110.8898	0	255.6678	0
113 MADISON (001 - OAK I	312.7393	480.4784	2	307.2563	3.052632	489.8402	1.25
113 MADISON (002 - RAD	416.4191	751.2453	0	395.2905	0	781.0965	0
113 MADISON (003 - ROCH	176.7657	440.6598	0	165.7113	6.105263	450.1234	0
113 MADISON (004 - GRAV	23.79538	53.09154	0	25.89239	0	55.60348	0
113 MADISON (005 - MAD	339.934	759.209	0	331.4226	4.578947	771.8292	1.25
113 MADISON (006 - WOL	243.0528	491.0967	0	226.1269	3.052632	511.0224	0
113 MADISON (007 - BRIG	265.1485	964.9387	2	246.8408	9.157895	981.0042	1.25
113 MADISON (008 - CRIG	149.571	415.4413	0	148.4497	1.526316	418.35	0
113 MADISON (009 - ETLA	132.5743	254.8394	0	126.0096	1.526316	262.1307	1.25
115 MATHEWS 001 - CHES	326.4673	827.5607	0	305.312	7.875	842.815	0
115 MATHEWS 002 - WEST	553.1058	1240.411	0	545.2	7.875	1254.858	0
115 MATHEWS 003 - PIAN	523.4269	1378.028	6	512.488	2.25	1395.327	7
117 MECKLENB 101 - WRIG	240.0952	290.5265	0	240.3322	1.541667	289.8128	0

117 MECKLENB 102 - PEAR	42.28092	163.5056	0	41.06943	0	165.7999	0
117 MECKLENB 103 - SOUT	317.1069	404.0345	0	310.3024	1.541667	412.4778	0
117 MECKLENB 201 - BOYD	155.5334	214.8545	0	159.7144	0	217.0226	0
117 MECKLENB 202 - BLUE	96.6421	70.26687	0	98.87085	0	67.39833	0
117 MECKLENB 203 - CHAS	214.4247	63.51044	0	220.558	0	62.00647	0
117 MECKLENB 301 - BRAC	217.4447	775.6382	1.5	209.9104	3.083333	787.2125	0
117 MECKLENB 302 - LACR	206.8745	398.6294	0	197.7417	3.083333	407.0859	0
117 MECKLENB 401 - AMEF	637.2339	404.0345	0	632.7734	6.166667	413.8258	0
117 MECKLENB 402 - PARK	119.2926	90.53616	0	117.1239	0	93.0097	0
117 MECKLENB 501 - SOUT	440.9296	776.9895	0	435.0317	4.625	781.8207	0
117 MECKLENB 601 - BASK	138.923	368.9011	3	130.8137	1.541667	377.4307	2
117 MECKLENB 602 - UNIO	45.30099	294.5804	0	41.06943	0	301.9445	0
117 MECKLENB 603 - SMIT	83.05181	194.5852	0	79.09668	3.083333	195.4552	0
117 MECKLENB 604 - LAKE	92.112	258.0956	0	92.78649	0	258.8096	0
117 MECKLENB 701 - CHAS	206.8745	385.1165	0	200.7839	3.083333	388.2144	1
117 MECKLENB 702 - SUNS	166.1036	371.6037	1.5	167.3199	0	378.7786	0
117 MECKLENB 801 - FINCH	64.93141	144.5876	0	62.36469	1.541667	145.5804	0
117 MECKLENB 802 - BLUE	110.2324	451.3295	0	106.4763	1.541667	454.2648	0
117 MECKLENB 803 - CHAS	134.3929	333.7677	0	136.8981	0	331.5998	0
117 MECKLENB 901 - AVER	16.61036	195.9365	0	13.68981	0	198.1511	0
117 MECKLENB 902 - BUFF	83.05181	302.6881	0	80.61777	3.083333	304.6405	0
117 MECKLENB 903 - CLAR	309.5567	874.2821	0	299.6547	3.083333	889.658	0
119 MIDDLESEY 101 - SALU	106.2239	211.9181	3	114.7927	2.764706	207.2271	0
119 MIDDLESEY 102 - URBA	258.4782	457.7974	0	269.0453	2.764706	452.3782	0
119 MIDDLESEY 201 - NEW	375.3245	1003.894	0	380.2507	2.764706	1007.693	0
119 MIDDLESEY 302 - CHUF	428.4364	596.3592	0	401.7743	24.88235	601.365	0
119 MIDDLESEY 401 - HARM	357.6205	567.8317	0	344.378	11.05882	566.15	1
119 MIDDLESEY 501 - WILT	339.9165	876.1997	0	349.7589	2.764706	868.1869	2
121 MONTGOM 101 - PREC	1018.228	841.4673	1.423077	996.8847	24.52033	847.9449	1.235294
121 MONTGOM 102 - PREC	905.5025	269.2695	1.423077	907.6114	24.52033	265.151	1.235294
121 MONTGOM 103 - PREC	1363.798	600.4711	5.692308	1342.819	22.9878	617.7884	0
121 MONTGOM 201 - PREC	118.2697	142.7129	0	117.1711	3.065041	142.6701	0
121 MONTGOM 202 - PREC	846.3676	990.9119	2.846154	803.4593	27.58537	1013.496	1.235294
121 MONTGOM 203 - PREC	654.1793	837.4283	0	669.5494	10.72764	825.0638	1.235294
121 MONTGOM 204 - PREC	1210.417	1223.83	2.846154	1195.89	26.05285	1240.961	1.235294
121 MONTGOM 301 - PREC	397.3123	1300.572	0	394.2902	9.195122	1302.874	1.235294
121 MONTGOM 302 - PREC	548.8454	978.7948	1.423077	522.6205	19.92276	1001.383	1.235294
121 MONTGOM 303 - PREC	214.3639	538.5391	0	202.7247	7.662602	543.7615	0
121 MONTGOM 304 - PREC	583.9567	1003.029	2.846154	539.3593	22.9878	1026.955	0
121 MONTGOM 401 - PREC	345.5693	651.6323	0	323.6156	15.3252	663.5505	0
121 MONTGOM 402 - PREC	395.4643	1305.957	0	386.8508	7.662602	1312.296	0
121 MONTGOM 403 - PREC	312.306	1067.654	0	295.7177	7.662602	1075.409	2.470588
121 MONTGOM 404 - PREC	201.4281	659.7104	0	193.4254	7.662602	660.8586	2.470588
121 MONTGOM 405 - PREC	630.1558	1011.107	0	623.0529	16.85772	1013.496	1.235294
121 MONTGOM 501 - PREC	744.7296	797.0378	5.692308	708.6065	18.39024	822.3719	2.470588
121 MONTGOM 502 - PREC	495.2544	828.0038	1.423077	487.2832	9.195122	830.4476	0
121 MONTGOM 503 - PREC	354.8091	76.74182	1.423077	351.5134	15.3252	75.37288	1.235294

121	MONTGOM 601 - PREC	1066.275	446.9874	1.423077	1050.821	15.3252	467.0427	1.235294
121	MONTGOM 602 - PREC	1132.802	389.0945	5.692308	1121.495	15.3252	406.4752	1.235294
121	MONTGOM 603 - PREC	83.15839	68.66373	0	74.39438	9.195122	69.9891	0
121	MONTGOM 701 - PREC	1385.973	580.2759	2.846154	1353.978	24.52033	601.6371	0
121	MONTGOM 702 - PREC	694.8345	218.1083	0	691.8677	15.3252	214.0051	0
125	NELSON CC 101 - ROCK	964.0768	833.7878	2	937.1729	21.33333	859.8572	3.3
125	NELSON CC 201 - LOVIN	294.9787	478.2577	0	289.2057	4.923077	478.3979	1.1
125	NELSON CC 202 - SCHU	239.2206	330.2255	1	230.6324	8.205128	331.1017	1.1
125	NELSON CC 301 - SHIPM	336.3477	607.3113	1	314.8315	4.923077	621.9172	1.1
125	NELSON CC 302 - GLAD	66.55008	154.3583	0	60.40372	0	156.1088	2.2
125	NELSON CC 401 - ROSE	365.1261	800.8918	0	338.6269	8.205128	810.7585	0
125	NELSON CC 402 - MON	62.95278	102.4838	0	60.40372	1.641026	101.9743	1.1
125	NELSON CC 501 - FABE	269.7976	273.2901	0	261.7495	3.282051	282.003	0
125	NELSON CC 502 - NELL	866.9497	593.3938	0	852.9737	11.48718	616.8815	1.1
127	NEW KENT 102 - TUNS	95.75229	505.7038	0	92.90265	3.714286	506.6472	0
127	NEW KENT 103 - SOUT	365.4546	1406.41	0	360.3982	7.428571	1404.28	0
127	NEW KENT 201 - QUIN	577.7055	1085.628	3.333333	583.0442	3.714286	1083.697	2
127	NEW KENT 202 - KENT	266.5106	871.773	0	269.0973	3.714286	871.232	2
127	NEW KENT 301 - WATI	499.5078	714.5268	0	504.5575	3.714286	710.3118	0
127	NEW KENT 302 - CUMI	386.2009	890.6426	0	366.8053	12.38095	898.8901	0
127	NEW KENT 401 - PROV	564.9385	1035.309	1.666667	549.4071	6.190476	1044.724	0
127	NEW KENT 403 - MOU	193.1005	464.1908	0	192.2124	4.952381	460.1312	2
127	NEW KENT 501 - ELTH	260.1271	602.5675	0	254.6814	2.47619	605.9651	0
127	NEW KENT 502 - CHIC	269.7023	986.2483	0	265.8938	3.714286	983.1218	0
131	NORTHAM 101 - PREC	582.0972	814.9208	0	596.4648	1.6875	807.2543	0
131	NORTHAM 201 - PREC	545.5893	335.8275	1.5	539.2696	8.4375	346.185	1
131	NORTHAM 301 - PREC	586.1536	292.6937	0	584.2087	8.4375	295.6358	0
131	NORTHAM 401 - PREC	403.6144	551.4965	1.5	392.196	6.75	560.6358	1
131	NORTHAM 501 - PREC	470.5455	630.0616	0	471.8609	1.6875	640.289	1
133	NORTHUM 101 - 1A	350.9382	683.6956	1	341.7928	5.103448	688.6596	0
133	NORTHUM 201 - 2A	387.5392	836.6476	1	374.4482	10.2069	844.0651	0
133	NORTHUM 301 - 3A	583.4618	289.0793	0	581.2655	7.655172	292.528	0
133	NORTHUM 401 - 4A	551.1668	1177.731	0	563.8493	7.655172	1171.635	0
133	NORTHUM 501 - 5A	462.894	1157.847	1	450.6441	6.37931	1170.112	0
135	NOTTOWA 101 - PREC	197.343	460.0763	3	180.6163	3.428571	473.7495	0
135	NOTTOWA 102 - PREC	153.2932	349.0738	0	146.6389	0	357.1342	0
135	NOTTOWA 201 - PREC	262.5367	538.9466	1.5	253.9357	6.857143	543.7186	1.5
135	NOTTOWA 202 - PREC	89.86154	290.6514	0	80.47259	0	298.8266	0
135	NOTTOWA 301 - PREC	274.8706	239.5318	0	275.3951	3.428571	243.4343	0
135	NOTTOWA 302 - PREC	107.4814	277.5064	0	107.2968	0	278.4189	0
135	NOTTOWA 401 - PREC	320.6824	132.9109	0	327.2552	1.714286	131.1922	0
135	NOTTOWA 402 - PREC	156.8172	543.3282	0	150.2155	1.714286	548.0917	0
135	NOTTOWA 501 - PREC	384.114	611.9746	1.5	370.1739	6.857143	622.4339	1.5
137	ORANGE C 101 - ONE	613.134	1055.023	1.5	574.448	2.857143	1098.73	1.285714
137	ORANGE C 102 - ONE	616.4216	923.1451	0	599.3518	4.285714	945.6793	0
137	ORANGE C 201 - TWO	336.9771	1157.042	1.5	317.1086	7.142857	1179.61	1.285714
137	ORANGE C 202 - TWO	338.6209	1137.136	0	332.0509	7.142857	1138.548	0

137	ORANGE C(301 - THRE	627.9281	854.7179	0	610.9736	8.571429	873.509	0
137	ORANGE C(302 - THRE	172.598	419.2721	1.5	159.3844	2.857143	429.2886	0
137	ORANGE C(401 - FOUR	348.4837	1373.521	1.5	342.0124	2.857143	1384.922	1.285714
137	ORANGE C(402 - FOUR	754.5	1098.568	0	727.1914	18.57143	1117.395	1.285714
137	ORANGE C(501 - FIVE	813.6765	1169.483	0	785.3003	12.85714	1192.054	1.285714
137	ORANGE C(502 - FIVE	910.6601	1305.093	3	903.1784	12.85714	1310.264	2.571429
139	PAGE COUI101 - WEST	471.1036	1162.217	0	455.281	5.25	1191.922	1.25
139	PAGE COUI201 - EAST	544.5785	1325.226	1.6	528.492	8.75	1363.44	0
139	PAGE COUI301 - MARI	421.4	1790.611	3.2	388.9335	1.75	1830.763	1.25
139	PAGE COUI401 - NEWI	267.9672	1375	0	258.5264	7	1396.998	0
139	PAGE COUI501 - SHEN	401.9508	1771.946	3.2	363.7672	5.25	1810.877	2.5
141	PATRICK C(101 - ARAR	101.0277	397.1415	0	96.66449	2.56	404.2927	0
141	PATRICK C(102 - CLAU	76.97349	397.1415	0	77.00392	0	397.9953	0
141	PATRICK C(103 - WILLI	78.57711	457.6583	0	81.91906	0	460.9693	0
141	PATRICK C(201 - DRY F	38.48675	248.371	0	39.32115	0	253.1553	0
141	PATRICK C(202 - PATR	128.2892	559.7804	0	108.1332	3.84	580.6198	2
141	PATRICK C(203 - RUSS	113.8566	455.1367	0	113.0483	5.12	455.9314	0
141	PATRICK C(301 - CRITZ	186.0193	637.9479	0	172.03	3.84	652.4101	0
141	PATRICK C(302 - LIBER	70.55904	480.3521	1.5	63.89687	2.56	487.4183	2
141	PATRICK C(401 - MEAI	186.0193	516.9143	0	165.4765	3.84	531.5001	0
141	PATRICK C(402 - STUA	104.2349	457.6583	0	98.30287	2.56	459.7098	0
141	PATRICK C(501 - STUA	48.10843	237.0241	0	49.15144	2.56	238.0415	0
141	PATRICK C(502 - ELAM	104.2349	429.9214	1.5	101.5796	2.56	435.7797	2
141	PATRICK C(503 - WOO	94.61325	579.9526	0	88.47258	2.56	588.1767	0
143	PITTSYLVAI103 - TWIN	327.5577	1781.693	0	315.3109	6.666667	1793.557	1.2
143	PITTSYLVAI105 - CHAT	131.8739	400.7602	0	124.9881	2.666667	407.2969	0
143	PITTSYLVAI106 - TUNS	161.6519	713.4015	1.222222	154.8148	4	717.9061	1.2
143	PITTSYLVAI108 - WEST	127.6199	405.5886	0	127.8287	2.666667	402.4625	0
143	PITTSYLVAI201 - CALL	148.8899	701.3304	0	143.4522	2.666667	703.403	0
143	PITTSYLVAI202- BEARS	70.89993	161.7526	0	69.59564	0	163.1605	0
143	PITTSYLVAI204 - SAND	120.5299	462.3228	0	113.6255	0	472.5611	0
143	PITTSYLVAI206 - CLIM	106.3499	470.7725	0	95.16138	0	478.6041	0
143	PITTSYLVAI207 - GRET	296.3617	1092.434	0	281.2232	5.333333	1109.491	1.2
143	PITTSYLVAI301 - CENT	297.7797	229.3507	0	294.0061	5.333333	233.2591	0
143	PITTSYLVAI305 - RICEV	316.2137	304.1915	0	308.2093	2.666667	305.7748	0
143	PITTSYLVAI307 - EAST	524.6595	216.0725	0	528.3587	0	219.9645	0
143	PITTSYLVAI308 - MT A	198.5198	183.4806	0	200.265	4	182.498	0
143	PITTSYLVAI309 - EAST	182.9218	243.836	1.222222	178.9602	2.666667	245.345	1.2
143	PITTSYLVAI402 - KEELI	114.8579	731.5081	0	107.9443	4	736.0351	0
143	PITTSYLVAI404 - KENT	287.8537	1271.086	1.222222	286.9045	4	1277.486	1.2
143	PITTSYLVAI405 - RINGI	368.6797	1297.642	0	357.9204	1.333333	1313.744	0
143	PITTSYLVAI501 - HURT	350.2457	939.1309	0	340.8766	5.333333	943.9136	1.2
143	PITTSYLVAI502 - MOTI	327.5577	1115.369	3.666667	329.514	4	1111.908	2.4
143	PITTSYLVAI503 - RENA	163.0698	614.4185	0	156.2351	5.333333	617.5926	0
143	PITTSYLVAI603 - STON	215.5358	829.2839	0	213.0479	2.666667	836.3485	0
143	PITTSYLVAI604 - SWAI	225.4618	609.5901	1.222222	217.3088	1.333333	618.8012	1.2
143	PITTSYLVAI605 - WHIT	168.7418	659.0815	1.222222	166.1773	1.333333	663.5193	1.2

143	PITTSYLVIA	606 - BROS	372.9337	505.7787	1.222222	374.9643	5.333333	499.1502	0
143	PITTSYLVIA	607 - DRY F	76.57193	324.7123	0	73.8566	0	327.5296	0
143	PITTSYLVIA	702 - BACH	165.9058	1058.635	0	157.6554	1.333333	1061.147	0
143	PITTSYLVIA	703 - FERR	69.48194	193.1375	0	63.91436	0	199.4184	0
143	PITTSYLVIA	704 - MT H	399.8756	1152.789	0	394.8487	1.333333	1163.878	0
143	PITTSYLVIA	705 - MT C	157.3979	721.8512	0	142.0319	0	737.2437	0
145	POWHATA	101 - SUBL	406.8006	1279.109	0	408.0372	3.782609	1274.809	1.428571
145	POWHATA	102 - MAN	384.6115	988.5349	2.857143	393.0634	1.26087	986.3379	2.857143
145	POWHATA	103 - FLAT	240.3822	824.9959	0	228.3511	5.043478	830.447	0
145	POWHATA	201 - POW	257.024	1216.321	1.428571	248.9401	3.782609	1223.817	0
145	POWHATA	202 - GRAC	403.1024	1587.205	0	400.5503	10.08696	1588.048	0
145	POWHATA	301 - BETH	330.9878	1011.898	1.428571	333.168	2.521739	1011.106	2.857143
145	POWHATA	302 - LEE'S	367.9696	1136.012	0	366.8592	3.782609	1136.401	0
145	POWHATA	401 - POW	323.5914	1628.089	1.428571	305.0921	10.08696	1624.471	1.428571
145	POWHATA	402 - MT ZI	177.513	743.2264	0	181.5578	1.26087	740.1176	0
145	POWHATA	501 - SMIT	417.8951	868.801	2.857143	408.0372	7.565217	890.1809	1.428571
145	POWHATA	502 - PINE	329.1387	627.873	0	327.5528	5.043478	623.5637	0
145	POWHATA	503 - TOBA	134.9838	643.9349	0	119.7907	3.782609	652.7022	0
147	PRINCE ED	101 - FARM	423.4186	397.477	3.6	419.1051	6.26087	407.3129	0
147	PRINCE ED	201 - LOCK	442.0988	684.3974	3.6	436.3716	3.130435	686.6878	1
147	PRINCE ED	301 - LEIGH	311.3372	410.6384	0	306.088	1.565217	413.8404	0
147	PRINCE ED	302 - MT P	221.0494	217.1646	1.8	226.0342	0	212.7949	2
147	PRINCE ED	401 - HAM	345.5843	484.3428	0	346.8998	6.26087	484.3368	0
147	PRINCE ED	501 - DARL	203.9259	446.1745	0	210.3374	0	450.3941	0
147	PRINCE ED	502 - BUFF	116.7515	201.3708	0	117.7262	0	201.0455	0
147	PRINCE ED	601 - PROS	529.2733	579.1055	0	528.9829	6.26087	587.4705	0
147	PRINCE ED	701 - WEST	375.1613	336.9341	0	379.8631	6.26087	332.9	0
147	PRINCE ED	801 - CENT	244.3997	97.39502	0	238.5917	6.26087	99.21724	0
149	PRINCE GE	101 - RICH	299.4595	647.9938	0	293.5326	1.615385	652.3163	3.25
149	PRINCE GE	102 - TEMF	507.8553	2034.227	0	497.4236	11.30769	2039.595	0
149	PRINCE GE	103 - UNIO	588.4116	971.9906	5	581.7922	8.076923	975.5228	3.25
149	PRINCE GE	104 - RIVES	474.582	470.4612	0	462.27	8.076923	473.741	0
149	PRINCE GE	105 - HARR	96.31738	523.721	0	89.64171	1.615385	528.3467	0
149	PRINCE GE	201 - BLAN	530.6212	1142.126	0	529.0618	8.076923	1137.864	1.625
149	PRINCE GE	202 - BLAC	455.3185	1043.004	0	462.27	16.15385	1033.08	1.625
149	PRINCE GE	203 - BRAN	189.1323	513.3649	0	179.2834	4.846154	520.9675	0
149	PRINCE GE	204 - COUF	812.5684	784.102	0	782.1678	12.92308	802.8508	1.625
149	PRINCE GE	205 - JEFFE	691.7339	395.0099	0	699.5568	11.30769	383.7155	1.625
153	PRINCE WI	101 - BREN	513.3697	1473.334	1.282051	518.84	7.770492	1470.549	0
153	PRINCE WI	102 - CEDA	1383.637	1287.534	5.128205	1371.22	17.09508	1302.651	1.37931
153	PRINCE WI	103 - GLEN	988.0609	943.5142	2.564103	968.8543	10.87869	962.5146	1.37931
153	PRINCE WI	104 - NOKE	815.7656	1418.174	1.282051	802.9666	7.770492	1422.785	0
153	PRINCE WI	105 - LIME	1304.522	1290.437	1.282051	1295.335	10.87869	1293.967	0
153	PRINCE WI	106 - WEST	634.6797	344.0198	0	619.4314	6.216393	357.5054	0
153	PRINCE WI	107 - MAR	1425.832	1184.473	1.282051	1392.397	17.09508	1215.808	0
153	PRINCE WI	108 - VICT	1691.307	1228.02	1.282051	1683.583	26.41967	1223.045	0
153	PRINCE WI	109 - CHRI	1221.89	1013.189	3.846154	1222.98	12.43279	1005.936	5.517241

153	PRINCE WI 110 - BUCK	942.5139	832.3259	1.75	933.7124	6.623656	838.2854	2.181818
153	PRINCE WI 111 - BRIST	576.6619	551.5929	1.282051	573.5476	6.216393	548.5609	1.37931
153	PRINCE WI 112 - BURK	1516.059	1343.375	5.25	1533.06	14.69959	1323.466	4.363636
153	PRINCE WI 114 - PINEY	872.0253	899.9673	0	877.0866	9.32459	891.5924	0
153	PRINCE WI 201 - SAUN	959.8318	537.0014	2.6	954.4139	15.09375	531.3606	4.304348
153	PRINCE WI 202 - MARC	930.0431	1084.315	1.282051	917.6762	10.87869	1086.99	0
153	PRINCE WI 203 - BENN	919.4944	989.9641	1.282051	898.2638	17.09508	997.2519	1.37931
153	PRINCE WI 204 - ELLIS	722.5854	629.9771	1.282051	704.14	3.108197	651.3257	1.37931
153	PRINCE WI 205 - BUCK	1368.537	1269.855	0	1361.449	9.935484	1278.193	2.181818
153	PRINCE WI 206 - COLE	678.6326	933.3532	0	654.7266	7.770492	948.0407	0
153	PRINCE WI 207 - SPRIG	1311.554	892.7095	1.282051	1297.1	21.75738	893.0398	1.37931
153	PRINCE WI 208 - HYLTI	636.4378	908.6767	2.564103	631.7847	4.662295	911.8559	2.758621
153	PRINCE WI 209 - INDEI	478.2074	939.1595	1.282051	464.1324	10.87869	949.4881	1.37931
153	PRINCE WI 210 - PENN	825.6796	955.655	3.846154	792.119	10.87869	972.7942	0
153	PRINCE WI 211 - SIGN	1228.058	1118.682	1.75	1206.116	19.87097	1125.732	2.181818
153	PRINCE WI 212 - YORK	1527.142	992.4079	3.5	1514.498	19.87097	998.0899	4.363636
153	PRINCE WI 213 - SARA	743.6828	348.3745	2.564103	723.5524	12.43279	358.9528	2.758621
153	PRINCE WI 214 - LUCA	481.7236	776.5847	1.282051	487.0743	10.87869	768.5643	1.37931
153	PRINCE WI 215 - ROSA	1026.086	509.9376	0	998.8052	15.09375	517.2286	1.434783
153	PRINCE WI 301 - DUM	671.0328	287.7302	0	674.4069	12.075	291.1178	0
153	PRINCE WI 302 - POTC	1058.363	250.6956	1.3	1055.148	19.62188	245.8956	1.434783
153	PRINCE WI 303 - GRAF	599.6825	247.8468	0	602.6978	6.0375	240.2428	0
153	PRINCE WI 304 - QUAI	91.422	119.0279	0	86.47333	3.108197	123.0282	0
153	PRINCE WI 305 - PATT	968.7216	757.7144	1.282051	975.9133	4.662295	752.643	1.37931
153	PRINCE WI 306 - WASI	933.5593	660.4599	0	912.3819	23.31148	673.0365	0
153	PRINCE WI 307 - HENC	896.6389	730.1348	2.564103	896.499	6.216393	729.4847	1.37931
153	PRINCE WI 308 - MON	648.7446	551.5929	1.282051	663.5505	18.64918	528.2975	2.758621
153	PRINCE WI 309 - ASHL	863.2347	669.1693	0	840.0266	12.43279	677.3787	2.758621
153	PRINCE WI 310 - FORE	921.2525	461.5962	1.282051	919.4409	7.770492	460.2701	0
153	PRINCE WI 311 - SWAI	2300.199	803.3654	1.3	2279.325	33.20625	811.1728	0
153	PRINCE WI 312 - TRIA	1096.019	507.1578	0	1070.358	13.67382	521.9701	0
153	PRINCE WI 313 - CARD	965.2054	451.4352	1.282051	938.8533	7.770492	468.9545	1.37931
153	PRINCE WI 314 - CABIN	821.0399	551.5929	0	832.9676	6.216393	545.6662	0
153	PRINCE WI 315 - WILLI	657.4423	128.1966	0	633.4303	10.56563	137.0797	0
153	PRINCE WI 401 - EVER	840.608	1424.586	1.75	804.0774	18.21505	1441.291	0
153	PRINCE WI 402 - BATT	804.3554	1389.015	0	788.0872	6.623656	1400.517	0
153	PRINCE WI 403 - BULL	938.037	894.5899	0	957.1262	6.623656	875.7663	0
153	PRINCE WI 404 - BEN L	852.686	442.7259	1.282051	825.9085	10.87869	457.3753	1.37931
153	PRINCE WI 405 - UNIT	1065.418	605.3006	1.282051	1035.915	15.54098	625.2726	0
153	PRINCE WI 406 - ALVE	258.3	391.2719	0	251.2742	3.311828	395.3358	0
153	PRINCE WI 407 - HERIT	892.7212	1230.728	1.75	877.1753	8.27957	1248.056	2.181818
153	PRINCE WI 408 - SUDL	666.3258	541.432	0	667.08	10.87869	536.9818	0
153	PRINCE WI 409 - TYLEF	1364.006	1047.542	0	1318.047	8.27957	1081.412	2.181818
153	PRINCE WI 410 - MOU	897.2528	1111.568	0	886.3125	8.27957	1123.959	0
153	PRINCE WI 411 - MULL	1107.613	464.4993	1.282051	1085.329	24.86557	474.744	0
153	PRINCE WI 412 - CATH	536.9922	1006.636	1.75	532.2444	4.967742	1015.818	0
153	PRINCE WI 413 - REAG	1228.058	1499.283	0	1210.685	11.5914	1512.204	2.181818

153 PRINCE WI 501 - LAKE	1030.256	656.1052	0	1028.856	12.43279	654.2204	0
153 PRINCE WI 502 - OCCC	686.3222	407.3803	3.9	688.0658	12.075	402.76	0
153 PRINCE WI 503 - OLD F	873.1921	403.1071	0	851.9723	19.62188	408.4128	1.434783
153 PRINCE WI 504 - ROCK	733.8891	454.3858	1.3	727.3351	7.546875	455.0481	2.869565
153 PRINCE WI 505 - MOH	1137.501	738.8442	0	1129.448	20.20328	729.4847	2.758621
153 PRINCE WI 506 - BETH	1007.399	670.8956	2.6	986.8537	16.60313	678.3326	0
153 PRINCE WI 507 - CHINI	927.5543	538.4258	1.3	927.0961	6.0375	541.2529	0
153 PRINCE WI 508 - SPRIN	854.4441	381.7603	1.282051	838.2619	10.87869	390.7954	0
153 PRINCE WI 509 - MC C	893.1226	1023.35	1.282051	900.0285	10.87869	1014.621	4.137931
153 PRINCE WI 510 - YATE	817.9501	1020.864	3.5	815.4989	9.935484	1017.591	2.181818
153 PRINCE WI 511 - WEST	1211.342	824.4862	0	1210.627	18.64918	813.4334	0
153 PRINCE WI 512 - YORK	1114.424	323.3403	1.3	1102.954	10.56563	333.5135	2.869565
153 PRINCE WI 513 - LYNN	869.7945	668.0468	1.3	867.3385	13.58438	665.6139	1.434783
153 PRINCE WI 514 - ANTI	1241.835	712.2034	2.6	1215.64	19.62188	722.1416	0
153 PRINCE WI 601 - DALE	895.2767	303.3986	5.2	908.3152	6.0375	305.2497	1.434783
153 PRINCE WI 602 - BEVIL	1525.538	542.699	3.9	1480.281	24.15	572.3432	2.869565
153 PRINCE WI 603 - HAMI	847.7098	226.4807	0	841.7281	4.528125	234.59	1.434783
153 PRINCE WI 604 - GIDE	830.7217	337.5844	1.3	829.7766	4.528125	340.5795	0
153 PRINCE WI 605 - MINN	691.4186	462.9322	6.5	669.2848	10.56563	477.6592	1.434783
153 PRINCE WI 606 - BEL A	715.2021	480.0251	3.9	698.31	7.546875	496.0307	1.434783
153 PRINCE WI 607 - KERR	1158.593	501.3912	0	1140.516	21.13125	501.6835	0
153 PRINCE WI 608 - ENTE	915.6625	445.8393	1.3	880.9974	24.15	464.9405	0
153 PRINCE WI 609 - KING	1291.656	646.8979	2.6	1289.473	18.1125	641.8974	0
153 PRINCE WI 610 - FITZG	1216.353	488.5715	2.6	1201.981	15.09375	497.4439	1.434783
153 PRINCE WI 611 - NEAB	800.143	358.9505	2.6	797.3368	10.56563	358.951	0
153 PRINCE WI 701 - BELM	902.072	638.1342	0	879.29	10.56563	648.6556	0
153 PRINCE WI 702 - LIBRA	1105.93	363.2237	1.3	1099.539	18.1125	367.4302	0
153 PRINCE WI 703 - LYNN	538.5251	176.6264	0	529.2814	7.546875	182.3019	0
153 PRINCE WI 704 - PORT	1007.399	273.4861	1.3	1002.22	9.05625	279.8122	0
153 PRINCE WI 705 - POTC	524.9345	384.5898	1.3	520.7446	3.01875	392.8677	0
153 PRINCE WI 706 - RIPPC	1004.001	538.4258	0	997.0978	7.546875	548.3189	1.434783
153 PRINCE WI 707 - KILBY	750.8773	417.3512	1.3	739.2866	7.546875	428.1975	0
153 PRINCE WI 708 - RIVEF	1243.534	334.7356	1.3	1248.08	1.509375	336.3399	1.434783
153 PRINCE WI 709 - FREEI	1204.461	304.8231	5.2	1195.152	16.60313	310.9025	1.434783
153 PRINCE WI 710 - POW	1122.918	240.7247	1.3	1120.028	9.05625	236.0032	2.869565
153 PRINCE WI 711 - GRAY	978.5188	353.2529	1.3	945.8771	12.075	378.7357	0
153 PRINCE WI 712 - LEESY	1034.58	581.158	1.3	1027.83	6.0375	589.3015	0
155 PULASKI CC 101 - BELSF	197.3377	505.9647	0	200.5087	3.591837	505.8241	0
155 PULASKI CC 102 - NEW	688.6682	1106.882	4	682.5396	7.183673	1120.136	2.25
155 PULASKI CC 103 - WEST	225.5288	674.1674	0	206.5847	5.387755	686.185	0
155 PULASKI CC 201 - DRAP	229.5561	862.7172	0	234.9394	3.591837	861.1215	0
155 PULASKI CC 202 - SOUT	56.3822	126.152	0	54.68418	5.387755	122.0487	2.25
155 PULASKI CC 203 - NEWI	451.0576	1140.794	0	437.4734	7.183673	1147.258	0
155 PULASKI CC 301 - DUBL	310.1021	1068.901	0	287.5983	7.183673	1090.302	0
155 PULASKI CC 302 - HIWA	84.57329	291.6418	0	78.98826	1.795918	295.6291	0
155 PULASKI CC 304 - SNOV	195.324	751.4864	2	186.3313	8.979592	752.6338	2.25
155 PULASKI CC 401 - MASS	348.3614	1227.609	2	334.1811	14.36735	1238.116	2.25

155	PULASKI C	402 - WAL	124.8463	565.6495	0	119.4951	3.591837	569.5607	0
155	PULASKI C	501 - ROBI	481.2623	1233.034	0	453.6761	19.7551	1242.185	0
157	RAPPAHAN	101 - WAS	375.5603	452.1965	0	379.0233	0	453.4971	0
157	RAPPAHAN	201 - AMIS	287.1932	599.6784	3.333333	274.4651	5.181818	611.5524	1.666667
157	RAPPAHAN	301 - SPER	410.539	405.8799	0	401.4286	3.454545	417.0228	0
157	RAPPAHAN	401 - SCRA	318.4899	454.6342	1.666667	306.206	6.909091	468.0868	3.333333
157	RAPPAHAN	501 - CHES	88.36713	305.9335	0	78.4186	1.727273	312.4631	0
157	RAPPAHAN	502 - FLINT	244.8506	237.6774	0	246.4585	1.727273	244.3778	0
159	RICHMOND	101 - PREC	276.1542	258.417	0	272.3695	5.714286	257.5848	2
159	RICHMOND	201 - PREC	152.7216	452.9723	0	144.8314	4.285714	455.9548	0
159	RICHMOND	301 - PREC	165.2741	349.0115	0	166.448	0	350.8483	0
159	RICHMOND	401 - PREC	213.3919	576.2402	0	198.873	4.285714	586.2275	0
159	RICHMOND	501 - PREC	169.4582	564.359	0	153.4781	5.714286	574.3846	0
161	ROANOKE	101 - CATA	138.8547	483.2351	0	133.1834	5.066667	480.4874	1.545455
161	ROANOKE	102 - MASC	125.786	437.5751	0	128.2507	5.066667	437.383	0
161	ROANOKE	103 - GLEN	488.4417	1222.674	0	470.2527	3.8	1239.886	0
161	ROANOKE	104 - NOR	380.6251	540.3101	8.166667	371.5983	5.066667	546.4118	0
161	ROANOKE	105 - PETE	697.5405	1170.672	1.166667	688.9366	2.533333	1177.765	6.181818
161	ROANOKE	106 - GREE	398.5945	1118.67	1.166667	396.2619	5.066667	1128.321	3.090909
161	ROANOKE	107 - BENN	178.0607	555.5301	1.166667	184.1549	3.8	551.4829	0
161	ROANOKE	108 - WILD	290.778	728.0235	0	291.0305	8.866667	727.7039	0
161	ROANOKE	1201 - PLAN	494.0708	903.7361	0	485.0437	5.873874	915.2303	1.25
161	ROANOKE	1202 - BURL	457.2577	580.4362	2.714286	451.6601	11.74775	585.6875	0
161	ROANOKE	1203 - MOU	732.3873	1523.269	0	722.6562	13.21622	1530.876	3.75
161	ROANOKE	1204 - BOTE	570.1209	955.0552	1.166667	542.5992	11.4	969.8493	3.090909
161	ROANOKE	1205 - ORCH	567.697	1541.314	2.714286	579.3032	10.27928	1533.872	2.5
161	ROANOKE	1206 - HOLL	284.8173	473.672	0	265.1049	1.468468	488.3226	0
161	ROANOKE	1301 - BENT	204.198	346.2551	1.166667	190.7318	6.333333	353.7097	3.090909
161	ROANOKE	1302 - POAC	680.0739	1402.971	0	695.1639	2.936937	1399.059	1.25
161	ROANOKE	1303 - WINC	486.3206	578.9324	0	494.8624	2.936937	575.202	0
161	ROANOKE	1304 - OAK	796.3258	1213.503	1.357143	777.641	5.873874	1223.802	2.5
161	ROANOKE	1305 - CAST	895.14	1240.57	4.071429	885.6466	14.68468	1247.769	1.25
161	ROANOKE	1306 - GARS	381.6939	517.2799	1.357143	382.9293	2.936937	522.7748	1.25
161	ROANOKE	1401 - SOUT	265.4419	723.2896	0	249.395	4.405405	732.4838	0
161	ROANOKE	1402 - BONS	158.8777	338.3371	0	143.353	1.468468	352.0117	1.25
161	ROANOKE	1403 - NOR	387.5065	884.1877	0	371.1468	11.74775	891.2636	0
161	ROANOKE	1404 - SOUT	453.3826	917.2696	1.357143	451.6601	11.74775	919.7241	0
161	ROANOKE	1405 - NOR	275.1296	911.2547	0	263.1411	2.936937	921.222	1.25
161	ROANOKE	1406 - MOU	486.3206	1415.001	0	469.3338	7.342342	1438.005	0
161	ROANOKE	1501 - COTT	470.8204	816.5203	0	479.1525	0	817.8654	1.25
161	ROANOKE	1502 - PENN	393.3191	643.5924	0	398.6392	10.27928	635.1189	0
161	ROANOKE	1503 - CAVE	552.1967	783.4384	0	553.7746	10.27928	786.409	0
161	ROANOKE	1504 - OGD	550.2592	577.4287	2.714286	526.2823	13.21622	587.1854	1.25
161	ROANOKE	1505 - CLEA	298.38	795.4682	0	296.5247	4.405405	795.3966	0
161	ROANOKE	1506 - MOU	414.6319	533.8208	0	408.4579	7.342342	534.7581	0
161	ROANOKE	1507 - HUN	714.9495	1094.709	2.714286	697.1276	5.873874	1109.96	1.25
163	ROCKBRID	101 - AIRP	342.6068	474.6551	1	328.6884	1.428571	485.8305	0

163 ROCKBRID(102 - BEN S	175.1529	427.5614	0	165.3167	2.857143	433.6441	0
163 ROCKBRID(103 - PLAN	100.0874	296.1947	0	85.57568	2.857143	303.1781	1.75
163 ROCKBRID(104 - EFFIN	100.0874	272.6479	1	99.18999	0	277.0849	0
163 ROCKBRID(201 - COLLI	188.6262	333.374	0	173.0963	0	347.9093	0
163 ROCKBRID(202 - HIGH	423.4466	744.8244	0	423.9886	4.285714	751.7326	1.75
163 ROCKBRID(203 - VO-TI	130.8835	164.828	0	126.4186	2.857143	166.4995	0
163 ROCKBRID(301 - MAU	198.25	360.6388	0	184.7657	7.142857	372.76	0
163 ROCKBRID(302 - NATL	159.7549	483.3303	1	155.5921	1.428571	488.3156	0
163 ROCKBRID(303 - FALLI	67.3665	231.7507	0	64.18176	0	234.8388	0
163 ROCKBRID(401 - FAIRF	240.5947	514.313	0	241.1678	4.285714	514.4088	0
163 ROCKBRID(402 - MOU	217.4976	729.9527	0	210.0494	2.857143	738.0648	0
163 ROCKBRID(403 - VESU	59.66748	287.5196	0	62.23686	0	287.0252	0
163 ROCKBRID(501 - GOSH	59.66748	313.545	0	52.51235	2.857143	314.3609	3.5
163 ROCKBRID(502 - MEAL	263.6917	349.485	0	266.4516	2.857143	349.1519	0
163 ROCKBRID(503 - ROCK	184.7767	307.3485	0	175.0412	1.428571	316.846	0
163 ROCKBRID(504 - ROCK	259.8422	518.0309	1	256.727	2.857143	524.349	0
165 ROCKINGH 101 - BROA	535.13	1305.927	1.26087	507.5894	13.8069	1340.843	0
165 ROCKINGH 102 - TIMB	227.1778	775.1961	1.26087	205.7795	7.531034	790.5915	2.705882
165 ROCKINGH 103 - FULK'	114.4303	909.4621	0	111.4639	3.765517	914.5562	0
165 ROCKINGH 104 - BERG	55.53236	336.9316	1.26087	46.30038	0	349.1252	1.352941
165 ROCKINGH 105 - LACE'	124.5271	639.6634	1.26087	118.3232	1.255172	652.7123	0
165 ROCKINGH 106 - TENT	161.5487	610.5302	1.26087	142.3308	3.765517	629.9433	1.352941
165 ROCKINGH 107 - PLAIN	156.5003	678.9299	0	132.0418	3.765517	698.2504	1.352941
165 ROCKINGH 108 - LITTL	124.5271	482.5976	0	126.8973	1.255172	492.0641	0
165 ROCKINGH 201 - SINGI	227.1778	947.4619	1.26087	205.7795	6.275862	972.7437	0
165 ROCKINGH 202 - EDON	506.5224	1228.66	0	483.5817	3.765517	1254.827	1.352941
165 ROCKINGH 203 - DAYT	270.9306	602.9303	1.26087	265.7985	5.02069	613.499	2.705882
165 ROCKINGH 204 - MT C	334.8769	957.5951	1.26087	320.673	3.765517	979.0685	1.352941
165 ROCKINGH 205 - SILVE	403.8717	918.3287	1.26087	409.8441	3.765517	931.0005	0
165 ROCKINGH 301 - KEEZI	260.8338	614.3302	0	248.6502	6.275862	626.1484	0
165 ROCKINGH 302 - PORT	281.0274	986.7283	0	284.6616	7.531034	992.9829	0
165 ROCKINGH 303 - MELR	151.4519	521.864	0	135.4715	6.275862	533.8074	0
165 ROCKINGH 304 - GROT	272.6134	1012.062	1.26087	276.0875	7.531034	1019.547	0
165 ROCKINGH 305 - MASS	742.1142	882.8622	2.521739	732.2319	7.531034	904.4366	1.352941
165 ROCKINGH 306 - CROS	136.3067	363.5315	0	132.0418	2.510345	369.3643	0
165 ROCKINGH 307 - CROS	663.0227	971.5284	2.521739	651.635	8.786207	996.7777	0
165 ROCKINGH 401 - WEST	341.6081	670.0633	5.043478	327.5323	7.531034	689.3958	2.705882
165 ROCKINGH 402 - MON	220.4466	984.195	0	193.7757	3.765517	1010.692	0
165 ROCKINGH 403 - MT C	80.77434	158.3325	0	82.31179	1.255172	158.1183	0
165 ROCKINGH 404 - NORI	328.1458	892.9955	0	293.2357	15.06207	912.0263	0
165 ROCKINGH 405 - OTTC	212.0326	1313.527	1.26087	192.0608	7.531034	1330.724	1.352941
165 ROCKINGH 406 - EAST	469.5008	766.3294	2.521739	456.1445	10.04138	776.6771	2.705882
165 ROCKINGH 501 - ELKT	311.3178	1031.061	0	298.3802	3.765517	1051.17	0
165 ROCKINGH 502 - SWIF	264.1994	1735.325	1.26087	222.9278	6.275862	1762.07	0
165 ROCKINGH 503 - MCG	408.9201	1351.526	1.26087	394.4106	11.29655	1364.877	0
165 ROCKINGH 504 - SOUT	114.4303	785.3293	0	109.749	1.255172	794.3863	0
165 ROCKINGH 505 - STON	469.5008	851.1957	0	461.289	10.04138	852.5738	2.705882

167	RUSSELL C(101 - MOC	90.46908	646.1164	0	76.97349	1.888889	662.3886	0
167	RUSSELL C(102 - COPP	99.16803	513.4207	1.4	96.21687	0	520.9798	3
167	RUSSELL C(103 - SOUT	71.33139	374.5243	0	76.97349	1.888889	375.8497	0
167	RUSSELL C(201 - NORI	187.8973	972.275	0	180.188	0	983.6595	0
167	RUSSELL C(202 - DAN	41.75496	200.9038	0	41.98554	0	199.7089	0
167	RUSSELL C(301 - COOK	36.53559	200.9038	0	34.98795	0	204.6706	0
167	RUSSELL C(302 - DAUC	60.89265	264.1512	0	61.22892	0	267.9325	0
167	RUSSELL C(303 - NEW	90.46908	566.747	0	92.71807	1.888889	566.8756	0
167	RUSSELL C(304 - CLEVI	92.20887	303.8359	0	92.71807	3.777778	305.1453	0
167	RUSSELL C(401 - DRILL	20.87748	73.16865	0	20.99277	0	75.66611	0
167	RUSSELL C(402 - SWOI	92.20887	947.472	2.8	80.47229	5.666667	967.5339	0
167	RUSSELL C(403 - HON	83.50992	343.5206	1.4	71.7253	1.888889	353.522	0
167	RUSSELL C(501 - WEST	262.7083	1082.648	1.4	265.9084	0	1101.5	0
167	RUSSELL C(601 - EAST	123.5251	628.7544	0	122.4578	0	632.6183	0
167	RUSSELL C(602 - ELK G	137.4434	999.5582	0	136.453	0	1010.949	0
169	SCOTT COL 101 - WEBE	84.29674	490.3137	1	88.26829	5.894737	488.5372	2
169	SCOTT COL 102 - YUM	120.8783	662.3763	2	119.7927	0	669.9569	1
169	SCOTT COL 202 - WEBE	54.07715	333.7756	1	53.59146	2.947368	334.3305	0
169	SCOTT COL 203 - HILTC	93.83976	657.2015	0	91.42073	2.947368	655.7025	0
169	SCOTT COL 204 - CLAR	14.31454	204.4052	0	11.03354	0	209.9285	0
169	SCOTT COL 301 - NICKI	54.07715	514.8941	0	50.43902	0	520.9336	0
169	SCOTT COL 302 - SNOV	60.43917	403.6356	0	58.32012	0	412.0818	0
169	SCOTT COL 303 - TWIN	69.9822	293.6707	0	63.04878	0	303.23	0
169	SCOTT COL 304 - COPP	14.31454	117.727	0	12.60976	1.473684	116.6269	0
169	SCOTT COL 401 - GATE	192.451	970.2778	0	189.1463	5.894737	978.3703	1
169	SCOTT COL 501 - DUNC	54.07715	249.6848	1	45.71037	1.473684	257.8751	0
169	SCOTT COL 502 - FORT	50.89614	292.377	0	47.28659	1.473684	301.9342	0
169	SCOTT COL 503 - MAN	11.13353	187.587	0	11.03354	2.947368	186.6031	0
169	SCOTT COL 504 - RYE C	47.71513	457.9711	0	44.13415	1.473684	465.2118	0
169	SCOTT COL 601 - CLINC	27.03858	265.2093	1	31.52439	0	269.5378	0
169	SCOTT COL 602 - DUFF	85.88724	714.1244	1	83.53963	1.473684	719.1994	0
169	SCOTT COL 603 - FAIR	36.5816	170.7689	0	33.10061	0	174.9404	0
171	SHENANDC 101 - ORKN	352.0588	639.219	0	339.1723	2.972222	659.1269	0
171	SHENANDC 103 - NEW	607.2549	1683.057	0	588.7878	23.77778	1705.047	0
171	SHENANDC 201 - CONI	331.5686	1350.927	0	304.8739	11.88889	1364.301	0
171	SHENANDC 202 - MT J	335.2941	1004.299	0	299.1576	10.40278	1035.395	1.833333
171	SHENANDC 302 - EDINI	331.5686	1024.068	0	333.4559	4.458333	1032.764	0
171	SHENANDC 303 - ST LU	266.3725	1153.23	1.833333	253.4265	0	1174.851	0
171	SHENANDC 304 - FORT	199.3137	640.537	1.833333	198.1681	7.430556	640.7082	1.833333
171	SHENANDC 401 - WOO	644.5098	1437.913	3.666667	645.9517	10.40278	1455.079	1.833333
171	SHENANDC 501 - CEDA	57.7451	110.7101	0	53.35294	0	114.4592	1.833333
171	SHENANDC 503 - TOM	407.9412	1369.378	0	362.0378	7.430556	1397.191	1.833333
171	SHENANDC 504 - LEBAI	363.2353	1174.318	0	339.1723	7.430556	1198.532	0
171	SHENANDC 601 - STRA	853.1373	1887.344	3.666667	817.4433	20.80556	1915.547	1.833333
173	SMYTH CO|101 - SALT	229.3069	1082.396	0	216.1905	3.75	1096.651	1.5
173	SMYTH CO|201 - SEVE	103.9715	831.3076	1.333333	107.3794	0	835.4899	0
173	SMYTH CO|202 - RICH	76.91039	348.3575	0	80.17661	3.75	342.5621	0

173 SMYTH CO|301 - CHILF	212.2157	1020.19	0	201.8733	3.75	1033.339	0
173 SMYTH CO|302 - ST CL	62.66772	357.4057	0	57.26901	0	361.7818	0
173 SMYTH CO|401 - EAST	189.4274	609.6256	0	181.8291	2.5	619.5513	1.5
173 SMYTH CO|402 - WEST	108.2443	329.13	0	100.2208	1.25	335.7787	0
173 SMYTH CO|501 - ATKIN	111.0928	861.8455	1.333333	117.4015	3.75	856.9707	0
173 SMYTH CO|502 - WAS	185.1546	439.971	1.333333	191.8512	3.75	437.5299	1.5
173 SMYTH CO|601 - ROYA	170.912	649.2117	0	161.785	1.25	657.9907	0
173 SMYTH CO|602 - ROYA	103.9715	406.04	0	101.6525	6.25	404.7434	0
173 SMYTH CO|701 - ADW	92.57732	907.0867	0	85.90352	1.25	918.0213	1.5
173 SMYTH CO|702 - SUGA	133.881	480.6881	0	127.4235	2.5	487.2749	0
173 SMYTH CO|703 - KONN	15.66693	92.74452	0	20.04415	1.25	89.31488	0
175 SOUTHAMI101 - BERLI	117.3932	584.3609	1.5	104.6803	1.45	593.557	4
175 SOUTHAMI102 - IVOR	305.8403	542.2563	1.5	292.1673	4.35	556.698	0
175 SOUTHAMI201 - BOYK	386.162	387.8727	0	379.6613	7.25	394.01	0
175 SOUTHAMI202 - BRAN	109.67	186.281	0	110.9298	1.45	185.566	0
175 SOUTHAMI301 - CAPR	228.6079	320.2502	0	224.9845	0	325.376	0
175 SOUTHAMI302 - SEBRI	179.1791	399.3558	1.5	184.3623	0	396.552	0
175 SOUTHAMI401 - DREV	230.1525	276.8697	0	221.8597	2.9	285.975	0
175 SOUTHAMI501 - HUN	225.5186	649.4317	1.5	215.6101	2.9	657.107	0
175 SOUTHAMI502 - FORK	166.822	253.9035	0	159.364	4.35	259.284	0
175 SOUTHAMI601 - COUF	312.0189	445.2881	0	303.1041	1.45	455.018	0
175 SOUTHAMI602 - SEDLI	55.60732	357.2512	0	56.24612	0	358.422	0
175 SOUTHAMI701 - BLAC	242.5097	158.2112	0	243.7332	0	161.417	0
175 SOUTHAMI702 - NEW	225.5186	451.6676	0	220.2973	2.9	455.018	0
177 SPOTSYLVA101 - PART	397.3315	1465.672	0	381.6856	7.484663	1480.543	0
177 SPOTSYLVA102 - BLAYI	441.6765	1394.142	2.6	428.0587	8.981595	1414.71	1.142857
177 SPOTSYLVA103 - TRAV	922.7921	1554.216	1.3	917.0331	16.46626	1553.744	1.142857
177 SPOTSYLVA104 - MASS	856.697	1280.572	1.4	827.8021	18	1306.016	1.3
177 SPOTSYLVA201 - WILD	775.1512	1129.059	3.9	734.834	16.46626	1155.58	2.285714
177 SPOTSYLVA202 - WILD	631.4733	1396.947	0	627.8194	13.47239	1396.501	0
177 SPOTSYLVA203 - NI RI	633.2471	1213.212	1.3	617.1179	5.98773	1225.615	1.142857
177 SPOTSYLVA204 - CHAN	1000.424	1213.212	0	991.6692	13.47239	1222.814	0
177 SPOTSYLVA301 - PLAN	876.2579	1157.11	0	877.5202	5.98773	1156.981	1.142857
177 SPOTSYLVA302 - HAZE	941.8885	984.5951	1.3	893.5724	25.44785	1007.105	2.285714
177 SPOTSYLVA303 - RIVEF	1115.721	1753.196	1.3	1093.333	17.96319	1762.084	1.142857
177 SPOTSYLVA401 - SUMI	1315.642	1451.738	0	1300.283	19.5	1453.239	2.6
177 SPOTSYLVA402 - PARK	1382.342	1208.696	2.7	1376.994	11.99387	1215.358	2.6
177 SPOTSYLVA403 - LEE H	1281.221	1266.308	0	1256.108	21	1279.104	2.6
177 SPOTSYLVA501 - BELM	376.0459	1270.717	3.9	342.4469	8.981595	1291.448	1.142857
177 SPOTSYLVA502 - BROK	400.8791	1164.122	1.3	401.305	2.993865	1161.183	0
177 SPOTSYLVA503 - POST	338.7961	1269.314	0	326.3947	7.484663	1277.441	0
177 SPOTSYLVA504 - COUF	700.6515	1190.771	0	679.5431	7.484663	1208.807	1.142857
177 SPOTSYLVA505 - BROC	736.1276	1660.628	0	729.4833	2.993865	1673.84	0
177 SPOTSYLVA601 - SALEI	959.6265	1211.809	5.2	927.4604	28.44172	1220.012	1.142857
177 SPOTSYLVA602 - SMIT	1445.648	1357.675	2.6	1446.482	17.96319	1351.678	2.285714
177 SPOTSYLVA603 - PIED	571.164	737.7451	0	556.4762	13.47239	746.5746	0
177 SPOTSYLVA701 - BATT	875.8197	901.7891	2.8	856.6119	21	905.5042	1.3

177 SPOTSYLVA 702 - BREN	1116.161	1118.223	1.4	1128.833	14.98466	1120.192	1.3
177 SPOTSYLVA 703 - FAIRV	558.793	525.9007	0	546.5878	8.990798	531.3808	1.3
177 SPOTSYLVA 704 - GAYL	1155.423	1353.631	0	1160.545	8.984663	1360.548	0
179 STAFFORD 101 - HART	1126.423	2607.808	0	1092.398	19.70199	2632.515	1.458333
179 STAFFORD 102 - ROCK	1022.569	1074.115	1.484848	1010.347	16.88742	1080.48	1.458333
179 STAFFORD 103 - SIMP	864.3901	1195.963	0	831.7667	15.48013	1215.21	0
179 STAFFORD 104 - COLLI	1247.853	1701.896	1.484848	1238.801	16.88742	1709.219	1.458333
179 STAFFORD 201 - ROCK	749.3511	1047.626	1.484848	736.8455	12.66556	1048.779	1.458333
179 STAFFORD 202 - ROSE	1091.273	1222.451	2.969697	1071.483	14.07285	1235.023	1.458333
179 STAFFORD 203 - RUBY	471.3403	1348.272	1.484848	453.6909	12.66556	1360.507	2.916667
179 STAFFORD 204 - STEF	953.8649	1511.178	4.454545	955.6468	12.66556	1509.767	2.916667
179 STAFFORD 301 - GRIFF	928.3007	504.6088	1.484848	921.8613	8.443709	517.7852	0
179 STAFFORD 302 - WIDE	1134.412	1072.79	2.969697	1129.401	15.48013	1072.555	0
179 STAFFORD 303 - HARB	635.9099	806.5795	0	632.2714	18.2947	799.1328	1.458333
179 STAFFORD 304 - BARR	490.5134	450.3071	1.484848	466.5616	9.850993	468.9126	0
179 STAFFORD 401 - AQU	538.4463	205.2871	1.484848	532.5237	9.850993	206.0574	0
179 STAFFORD 402 - COUF	1445.976	919.1562	0	1418.991	26.73841	936.5043	0
179 STAFFORD 403 - BRO	1019.373	1633.025	0	995.8676	22.51656	1649.78	1.458333
179 STAFFORD 404 - GOV	774.9154	923.1295	1.484848	748.1073	12.66556	944.4296	1.458333
179 STAFFORD 501 - GRAF	1075.295	1770.766	1.484848	1063.439	22.51656	1767.338	2.916667
179 STAFFORD 502 - FALM	1006.591	1131.065	0	1010.347	7.036424	1138.599	0
179 STAFFORD 503 - DREV	997.0045	1121.794	5.939394	976.5616	23.92384	1139.92	2.916667
179 STAFFORD 504 - GAYL	939.485	666.1896	1.484848	937.9496	8.443709	676.2909	0
179 STAFFORD 601 - FERR	765.3288	1193.314	5.939394	749.7162	11.25828	1207.285	2.916667
179 STAFFORD 602 - CHAT	1027.362	1280.726	1.484848	987.8235	12.66556	1312.955	1.458333
179 STAFFORD 603 - WHIT	889.9543	1998.569	2.969697	862.3345	11.25828	2024.91	0
179 STAFFORD 604 - ENGL	810.0662	458.2537	1.484848	799.59	22.51656	453.062	1.458333
179 STAFFORD 701 - WOO	1575.395	1434.361	2.969697	1534.827	30.96026	1463.536	1.458333
179 STAFFORD 702 - WHIT	1003.396	736.3845	0	1021.609	7.036424	735.7305	1.458333
179 STAFFORD 703 - HAM	1278.211	1381.383	2.969697	1282.24	22.51656	1373.716	2.916667
181 SURRY COL 101 - SURR	237.1874	397.7795	1.25	230.3843	1.125	407.6832	0
181 SURRY COL 201 - BACC	392.8982	325.0819	0	388.2066	2.25	326.6957	0
181 SURRY COL 301 - DENC	338.5804	360.7449	0	337.4132	4.5	362.3851	1
181 SURRY COL 401 - CARS	405.5723	366.2315	1.25	399.0909	1.125	371.9938	0
181 SURRY COL 501 - CLAR	237.1874	259.2425	2.5	234.0124	0	264.9255	2
181 SURRY COL 502 - SPRIN	166.5743	32.91969	0	166.8926	0	34.31677	0
183 SUSSEX CO 101 - WAVI	463.1132	135.1932	0	463.8027	4.5	133.3822	0
183 SUSSEX CO 201 - STON	306.228	193.5119	0	303.139	3	196.7718	0
183 SUSSEX CO 202 - LITTL	76.93412	64.94576	0	78.81614	0	64.71017	0
183 SUSSEX CO 301 - COUF	101.0703	351.2373	0	98.52018	1.5	351.2838	0
183 SUSSEX CO 302 - WAKI	31.67876	151.0983	0	25.76682	0	161.1151	0
183 SUSSEX CO 401 - MAR	349.9748	261.1085	1	356.1883	4.5	260.1613	0
183 SUSSEX CO 402 - WEST	55.81495	5.301695	0	56.08072	0	5.282463	0
183 SUSSEX CO 501 - HENR	298.6854	229.2983	0	295.5605	3	232.4284	0
183 SUSSEX CO 502 - YALE	107.1044	110.0102	0	107.6143	1.5	108.2905	0
183 SUSSEX CO 601 - BLAC	165.9363	308.8237	0	168.2422	0	312.9859	0
183 SUSSEX CO 602 - NEW	81.45966	144.4712	0	74.26906	6	146.5884	0

185 TAZEWE	101 - INDIA	53.07553	497.3788	0	46.12665	0	503.0394	0
185 TAZEWE	102 - TIP T	41.28097	293.3976	0	46.12665	0	290.645	0
185 TAZEWE	103 - MUN	60.93857	561.6468	1.333333	60.1652	0	568.714	0
185 TAZEWE	104 - FALLS	58.97281	392.5939	0	66.18172	2	396.8422	0
185 TAZEWE	106 - POCA	33.41793	152.2873	0	36.09912	2	152.3092	0
185 TAZEWE	107 - AMO	7.863041	48.8996	0	8.022026	0	48.90661	0
185 TAZEWE	109 - BISHC	13.76032	136.9189	0	12.03304	0	138.3358	0
185 TAZEWE	112 - BANC	19.6576	177.4357	1.333333	20.05507	0	180.2558	0
185 TAZEWE	203 - BURK	17.69184	114.5648	0	12.03304	0	118.7732	0
185 TAZEWE	204 - CLEA	43.24673	361.857	0	42.11564	2	361.9089	0
185 TAZEWE	207 - FREE	31.45217	139.7131	0	30.0826	0	139.7332	0
185 TAZEWE	209 - JEFFE	306.6586	1197.342	1.333333	268.7379	10	1228.255	2.666667
185 TAZEWE	214 - THON	60.93857	409.3595	0	50.13767	2	417.8022	0
185 TAZEWE	301 - CEDA	157.2608	1286.758	0	132.3634	6	1309.3	1.333333
185 TAZEWE	302 - BAPT	45.21249	296.1919	0	40.11013	0	303.221	0
185 TAZEWE	303 - PAIN	145.4663	1061.82	0	136.3744	2	1071.753	0
185 TAZEWE	401 - RICHI	381.3575	2064.96	0	358.9857	4	2091.806	0
185 TAZEWE	402 - JEWE	27.52064	206.7755	0	20.05507	0	215.1891	0
185 TAZEWE	501 - SPRIN	104.1853	958.4322	0	102.2808	6	962.7616	0
185 TAZEWE	502 - GRAF	342.0423	1525.668	0	332.9141	4	1545.449	0
187 WARREN C	101 - FORK	302.209	605.9995	0	293.6283	2.918033	615.6957	0
187 WARREN C	102 - OTTE	476.8623	1567.286	1.230769	450.4981	10.21311	1590.101	1.4
187 WARREN C	201 - HAPP	502.3734	1084.632	0	498.7658	7.295082	1094.868	0
187 WARREN C	202 - LINDE	606.3804	1142.282	2.461538	587.2565	11.67213	1159.114	1.4
187 WARREN C	301 - NORI	419.9528	768.2251	1.230769	404.2416	14.59016	778.9889	0
187 WARREN C	302 - RIVE	410.1408	1287.079	4.923077	392.1747	8.754098	1306.346	0
187 WARREN C	401 - EAST	602.4556	1783.14	3.692308	571.1673	17.5082	1798.902	2.8
187 WARREN C	402 - TOWI	266.8859	631.473	0	257.4275	7.295082	637.1112	0
187 WARREN C	501 - SOUT	498.4486	1183.844	1.230769	486.6989	7.295082	1199.268	0
187 WARREN C	502 - BENT	213.9012	620.7473	1.230769	207.1487	1.459016	627.7419	0
187 WARREN C	504 - BROV	188.39	477.2917	0	178.9926	0	485.8642	1.4
191 WASHINGT	101 - EAST	570.3609	1184.046	0	560.3234	9.55102	1188.958	1.636364
191 WASHINGT	102 - WEST	295.2932	582.7102	0	285.2555	1.591837	591.1504	0
191 WASHINGT	201 - CLINC	131.4662	666.5247	0	128.365	4.77551	665.7099	0
191 WASHINGT	202 - GREE	171.9173	932.6025	0	160.9656	4.77551	941.3138	1.636364
191 WASHINGT	203 - HAYT	64.7218	409.7597	0	61.12619	0	412.7401	1.636364
191 WASHINGT	204 WOOD	194.1654	658.5424	0	185.4161	1.591837	669.7042	0
191 WASHINGT	301 - WAT	362.0376	1349.014	0	362.682	6.367347	1347.397	1.636364
191 WASHINGT	302 - SOUT	453.0526	956.5495	5	450.2962	11.14286	955.9594	4.909091
191 WASHINGT	401 - GLAD	311.4737	1128.17	0	309.706	3.183673	1134.37	0
191 WASHINGT	402 - MEA	317.5414	1295.799	0	315.8186	6.367347	1295.471	0
191 WASHINGT	501 - RHEA	297.3158	1717.532	0	287.2931	7.959184	1720.194	3.272727
191 WASHINGT	502 - DAM	319.5639	715.7491	0	303.5934	3.183673	736.2752	1.636364
191 WASHINGT	504 - GREE	28.31579	159.6466	0	24.45047	0	162.4332	0
191 WASHINGT	601 - BURS	180.0075	1422.186	2.5	171.1533	6.367347	1427.282	0
191 WASHINGT	602 - MENI	44.49624	323.2845	0	40.75079	0	327.5293	0
191 WASHINGT	603 - VALLI	236.6391	1077.615	0	244.5047	1.591837	1075.787	0

191	WASHINGTON 701 - HIGH	214.391	1156.108	2.5	224.1294	3.183673	1154.341	1.636364
191	WASHINGTON 702 - WALL	105.1729	525.5035	0	112.0647	0	527.2423	0
191	WASHINGTON 703 - JOHN	275.0677	1057.659	0	277.1054	6.367347	1061.142	0
193	WESTMOR 101 - PREC	553.2719	285.0465	2.666667	563.5855	2.4	293.6307	0
193	WESTMOR 102 - PREC	217.5403	197.8721	0	212.2143	1.2	205.4036	0
193	WESTMOR 201 - PREC	464.2002	449.7093	1.333333	466.1756	2.4	463.1921	0
193	WESTMOR 202 - PREC	198.6983	408.1977	1.333333	193.0802	1.2	414.9429	0
193	WESTMOR 301 - PREC	248.3728	395.7442	2.666667	243.5246	2.4	401.1575	2.5
193	WESTMOR 302 - PREC	262.0761	473.2326	0	255.7008	3.6	479.7347	0
193	WESTMOR 401 - PREC	419.6644	1300.698	0	400.0761	6	1316.513	0
193	WESTMOR 501 - PREC	673.176	1011.5	0	636.6429	10.8	1039.425	2.5
195	WISE COUN 101 - APPA	141.9419	643.5521	0	128.8115	3.3125	656.6203	0
195	WISE COUN 102 - DORC	81.88953	446.4901	0	82.80738	3.3125	450.1359	0
195	WISE COUN 103 - GUES	78.25	423.0631	0	69.92623	0	433.6172	0
195	WISE COUN 104 - WEST	192.8953	1085.908	0	184.0164	4.96875	1104.003	2.2
195	WISE COUN 201 - NORT	78.25	585.6737	0	73.60656	1.65625	593.2984	0
195	WISE COUN 202 - WISE	360.314	1303.641	1.6	344.1107	14.90625	1310.488	4.4
195	WISE COUN 203 - EAST	40.03488	296.282	1.6	36.80328	1.65625	298.7141	2.2
195	WISE COUN 301 - BIG S	262.0465	964.6391	0	244.7418	9.9375	974.6063	0
195	WISE COUN 302 - EAST	207.4535	1262.299	0	200.5779	4.96875	1269.191	2.2
195	WISE COUN 401 - CLINC	163.7791	943.9682	1.6	172.9754	1.65625	948.4516	0
195	WISE COUN 402 - SOUT	143.7616	1205.799	3.2	132.4918	4.96875	1223.764	0
195	WISE COUN 403 - ST PA	127.3837	421.6851	0	125.1311	1.65625	428.1109	0
197	WYTHE CO 101 - ROYA	75.09658	354.5362	0	74.97248	1.282609	354.7375	0
197	WYTHE CO 102 - RURA	269.2487	1443.112	0	254.9064	8.978261	1455.173	0
197	WYTHE CO 203 - WEST	351.6718	1091.073	2.8	350.4963	8.978261	1099.186	1.25
197	WYTHE CO 303 - EAST	474.3906	1163.478	1.4	464.8294	7.695652	1175.38	1.25
197	WYTHE CO 401 - FORT	194.1521	896.3274	0	179.9339	3.847826	906.8288	0
197	WYTHE CO 402 - MAX	164.8462	937.5235	1.4	144.322	11.54348	944.3011	1.25
197	WYTHE CO 501 - JACKS	148.3615	684.1051	0	142.4477	3.847826	690.7388	0
197	WYTHE CO 502 - SHEFI	141.035	986.2098	0	134.9505	5.130435	995.5132	0
197	WYTHE CO 601 - HUDI	65.93846	511.8304	0	71.22385	0	510.8719	1.25
197	WYTHE CO 602 - ZION	146.5299	762.7522	0	123.7046	3.847826	785.6685	0
197	WYTHE CO 603 - EVERI	111.7291	533.0527	1.4	101.2128	3.847826	539.6006	0
199	YORK COUN 101 - QUEE	947.1832	909.6605	0	942.3343	10.34483	908.0457	1.6
199	YORK COUN 102 - WALL	935.6883	1199.176	0	921.4452	17.24138	1196.504	1.6
199	YORK COUN 103 - MAG	1751.829	1199.176	6.333333	1745.407	12.06897	1216.986	1.6
199	YORK COUN 201 - COVE	1464.456	1582.912	3.166667	1459.922	15.51724	1589.08	3.2
199	YORK COUN 202 - KILN	708.0884	842.8493	0	703.2692	0	851.7195	0
199	YORK COUN 301 - SEAFI	726.4803	2424.048	4.75	687.0221	10.34483	2440.799	1.6
199	YORK COUN 302 - YORK	646.0157	1096.389	0	663.8119	6.896552	1095.799	0
199	YORK COUN 303 - EDGE	1202.371	1151.209	0	1167.473	31.03448	1148.712	1.6
199	YORK COUN 401 - HARV	675.9026	1610.322	0	654.5278	12.06897	1616.39	1.6
199	YORK COUN 402 - DARE	643.7167	1534.945	0	654.5278	8.62069	1522.513	0
199	YORK COUN 403 - GRAF	429.9108	729.7841	0	420.1047	1.724138	739.0673	0
199	YORK COUN 501 - TABB	882.8115	1740.518	3.166667	928.4082	8.62069	1710.266	1.6
199	YORK COUN 502 - BETH	1257.547	1439.011	1.583333	1241.746	15.51724	1449.118	1.6

510 ALEXANDR 101 - LADR	807.6244	399.4327	0	783.6578	5.043668	426.5964	0
510 ALEXANDR 102 - CITY I	764.4259	505.1191	0	778.0064	3.362445	509.7596	1.434783
510 ALEXANDR 103 - LYLES	1506.314	652.7694	1.475	1476.894	13.44978	686.8665	0
510 ALEXANDR 104 - DURAF	1335.398	394.77	1.475	1333.725	13.44978	414.276	4.304348
510 ALEXANDR 105 - LEE C	1033.008	368.3484	0	1030.435	8.406114	364.9941	1.434783
510 ALEXANDR 106 - CORA	2064.138	502.0107	2.95	2055.218	21.8559	522.0801	2.869565
510 ALEXANDR 107 - MT V	2832.32	561.0708	5.9	2838.876	11.76856	572.9021	4.304348
510 ALEXANDR 108 - GEOF	2516.783	534.6492	0	2531.818	28.58079	529.7804	0
510 ALEXANDR 109 - FIRE I	1322.25	449.1675	0	1309.236	8.406114	469.7181	1.434783
510 ALEXANDR 110 - CHAR	1782.408	421.1917	2.95	1782.068	18.49345	425.0564	2.869565
510 ALEXANDR 111 - POTC	860.2139	267.3246	1.475	862.7771	6.724891	266.4303	2.869565
510 ALEXANDR 112 - ALEX	946.611	315.5052	0	945.664	6.724891	318.7923	1.434783
510 ALEXANDR 201 - NAOI	1829.363	491.1312	2.95	1806.557	8.406114	523.6202	2.869565
510 ALEXANDR 202 - GEOF	1626.518	655.8778	2.95	1610.643	11.76856	679.1662	4.304348
510 ALEXANDR 203 - CHAR	1694.133	469.3722	5.9	1702.949	11.76856	474.3383	2.869565
510 ALEXANDR 204 - BLESS	1643.422	624.7935	0	1665.273	5.043668	628.3442	1.434783
510 ALEXANDR 205 - DOUC	1534.486	587.4924	1.475	1514.569	15.131	606.7834	2.869565
510 ALEXANDR 206 - CHIN	1269.661	414.9748	0	1264.025	3.362445	438.9169	1.434783
510 ALEXANDR 207 - TEMF	1771.139	719.6005	2.95	1736.857	16.81223	740.7685	1.434783
510 ALEXANDR 208 - NOV	1756.114	511.336	2.95	1738.741	13.44978	532.8605	0
510 ALEXANDR 209 - JAME	1876.318	441.3964	1.475	1870.606	10.08734	458.9377	2.869565
510 ALEXANDR 210 - The F	655.4905	289.0836	2.95	663.0951	5.043668	283.3709	0
510 ALEXANDR 302 - PATR	1192.655	306.1799	2.95	1196.208	10.08734	311.092	5.73913
510 ALEXANDR 303 - CHAR	1100.623	298.4088	1.475	1083.181	13.44978	308.0119	2.869565
510 ALEXANDR 304 - SAMI	1250.879	340.3726	1.475	1243.303	25.21834	331.1128	2.869565
510 ALEXANDR 305 - JOHN	1341.032	380.7821	2.95	1343.144	8.406114	392.7151	2.869565
510 ALEXANDR 306 - WILLI	1543.877	410.3122	4.425	1556.013	25.21834	409.6558	1.434783
510 ALEXANDR 307 - SOUT	1453.724	419.6374	2.95	1427.915	25.21834	441.997	4.304348
510 ALEXANDR 308 - CAMI	1701.646	660.5404	1.475	1670.924	16.81223	689.9466	1.434783
510 ALEXANDR 309 - OLYM	1057.425	239.3488	1.475	1043.621	13.44978	254.1098	1.434783
520 BRISTOL CI' 001 - FIRST	242.707	667.1415	0	230.9488	6.315789	679.1673	0
520 BRISTOL CI' 002 - SECO	400.3628	915.9525	0	424.4465	3.157895	921.0438	0
520 BRISTOL CI' 003 - THIRI	269.6744	425.166	2	270.4806	6.315789	424.992	0
520 BRISTOL CI' 004 - FOUR	425.2558	1730.74	0	416.124	14.21053	1747.797	0
530 BUENA VIS' 001 - FIRST	283.234	823.9593	1	262.7902	12.375	848.0887	1
530 BUENA VIS' 002 - SECO	236.766	592.0407	1	218.2098	9.625	610.9113	0
540 CHARLOTTI' 101 - Key R	1783.222	353.2658	0	1800.273	24.71429	341.0656	4.125
540 CHARLOTTI' 102 - CLAR	2116.067	326.4015	3.333333	2090.529	26.25893	347.7531	5.5
540 CHARLOTTI' 201 - CARV	1662.501	182.6774	1.666667	1641.324	20.08036	203.3018	0
540 CHARLOTTI' 202 - WALF	2214.368	580.2693	3.333333	2227.018	16.99107	584.4928	2.75
540 CHARLOTTI' 301 - BENJ	1603.865	204.1688	3.333333	1596.404	26.25893	204.6393	1.375
540 CHARLOTTI' 302 - JOHN	2095.372	470.1256	0	2052.519	35.52679	496.217	4.125
540 CHARLOTTI' 303 - BUFC	850.2208	131.6352	1.666667	856.944	12.35714	131.0762	2.75
540 CHARLOTTI' 401 - VENA	941.6239	111.4869	1.666667	941.6018	1.544643	120.3761	0
540 CHARLOTTI' 402 - ALUN	1203.761	312.9693	0	1171.387	9.267857	345.0781	1.375
550 CHESAPEAI' 001 - GRE	544.8537	980.0394	0	515.0732	9.461538	995.2978	3
550 CHESAPEAI' 002 - BETH	301.2721	1571.913	0	294.0209	4.730769	1580.015	0

550 CHESAPEAI003 - CAMI	1125.569	121.3843	3.9	1092.865	24.2511	129.783	0
550 CHESAPEAI004 - CHUF	456.0496	896.3763	0	439.0976	6.46696	900.7556	0
550 CHESAPEAI005 - CRES	1333.217	208.532	0	1321.196	14.55066	214.7599	0
550 CHESAPEAI006 - DEEP	782.0254	819.6401	1.56	768.3175	4.730769	835.5389	0
550 CHESAPEAI007 - GREE	557.6738	787.5603	0	536.5346	7.884615	800.3919	0
550 CHESAPEAI008 - SOUT	980.0214	879.258	0	973.821	17.78414	876.035	0
550 CHESAPEAI009 - BELLS	660.2345	1647.3	0	650.2799	4.730769	1656.699	0
550 CHESAPEAI010 - OSCA	428.8807	421.7326	0	413.7275	6.46696	440.3351	0
550 CHESAPEAI011 - GENE	512.328	739.1992	5.85	491.7893	16.1674	746.2521	0
550 CHESAPEAI012 - GEOR	882.9896	175.8516	0	856.7283	11.31718	188.4943	0
550 CHESAPEAI013 - GILM	766.5514	810.7848	0	737.684	12.93392	828.1389	0
550 CHESAPEAI014 - GRAS	566.2205	939.9396	1.56	547.2652	9.461538	944.1749	1.5
550 CHESAPEAI015 - GREE	871.3458	613.1463	1.95	864.5344	17.78414	610.289	0
550 CHESAPEAI016 - HICK	559.8105	1536.625	0	553.7037	17.34615	1522.502	0
550 CHESAPEAI017 - INDIA	354.6891	1271.966	0	351.9667	17.34615	1257.302	0
550 CHESAPEAI018 - INDIA	712.2136	404.6143	0	692.7985	24.2511	403.2542	0
550 CHESAPEAI019 - JOLLI	401.6961	792.3723	1.56	403.474	7.884615	782.8185	0
550 CHESAPEAI020 - E W C	831.169	1063.447	0	819.8248	11.03846	1065.592	3
550 CHESAPEAI021 - FELL	739.3825	963.2933	0	733.7809	9.700441	959.4669	0
550 CHESAPEAI022 - NORF	409.4743	591.3594	3.9	398.1152	6.46696	594.8386	1.26087
550 CHESAPEAI023 - OAK	982.8734	749.0645	0	970.0545	11.03846	750.8667	0
550 CHESAPEAI024 - OAKL	667.5789	563.3476	0	647.9129	22.63436	560.8478	0
550 CHESAPEAI025 - ST JU	822.8299	479.3123	0	788.4242	21.01762	489.7762	0
550 CHESAPEAI026 - JOHN	535.6157	287.8986	3.9	513.2563	14.55066	293.5567	1.26087
550 CHESAPEAI027 - SILVE	646.2319	865.2521	1.95	626.4459	16.1674	871.3999	0
550 CHESAPEAI028 - SUNR	141.021	251.8268	0	139.499	0	252.419	0
550 CHESAPEAI029 - TANG	390.0679	826.3469	1.95	388.3575	8.0837	826.5939	1.26087
550 CHESAPEAI030 - SOUT	673.4009	40.46143	3.9	679.1377	9.700441	35.53581	2.521739
550 CHESAPEAI031 - CARV	1098.4	248.9934	0	1085.059	11.31718	256.4759	6.304348
550 CHESAPEAI032 - PROV	1368.149	99.59737	7.8	1358.275	14.55066	101.9723	3.782609
550 CHESAPEAI033 - WEST	382.3054	619.3711	0	370.7936	3.23348	627.2843	1.26087
550 CHESAPEAI034 - HICK	510.6668	1547.853	1.56	497.9041	3.153846	1556.051	0
550 CHESAPEAI035 - TAYL	611.3005	284.7862	0	604.979	6.46696	290.4666	1.26087
550 CHESAPEAI036 - GRE	519.2136	1122.795	1.56	502.1963	4.730769	1135.886	1.5
550 CHESAPEAI037 - BRID	579.0406	1121.191	0	590.188	1.576923	1119.91	1.5
550 CHESAPEAI038 - BAILE	444.4058	989.7489	0	425.4368	4.85022	1004.273	0
550 CHESAPEAI039 - LAKE	576.904	720.1926	0	570.8728	3.153846	728.5004	0
550 CHESAPEAI041 - JOHN	1416.62	1323.294	7.8	1382.113	37.84615	1321.206	6
550 CHESAPEAI042 - PARK	745.2044	427.9574	0	724.0232	6.46696	440.3351	0
550 CHESAPEAI043 - PLEA	416.6529	1178.934	3.12	390.5972	11.03846	1191.801	0
550 CHESAPEAI044 - NANS	787.8984	552.4542	0	782.5695	9.700441	553.1226	1.26087
550 CHESAPEAI045 - SUNR	378.1926	234.1829	0	375.5742	4.730769	239.6383	0
550 CHESAPEAI046 - BELLS	726.4716	957.5835	1.56	721.1024	11.03846	956.9556	0
550 CHESAPEAI048 - JOLLI	1452.943	186.0631	4.68	1435.766	18.92308	193.3082	1.5
550 CHESAPEAI049 - WATI	645.2778	729.8166	0	654.5722	3.153846	730.098	0
550 CHESAPEAI050 - RIVE	1089.707	753.8764	3.12	1092.384	14.19231	746.0739	3
550 CHESAPEAI051 - COOF	799.1188	1867.047	1.56	772.6098	9.461538	1878.764	3

550 CHESAPEAI052 - SHIPY	777.752	601.4972	1.56	759.7329	14.19231	613.4741	0
550 CHESAPEAI053 - FAIRV	1014.953	880.8142	0	999.191	6.46696	893.0304	1.26087
550 CHESAPEAI054 - PUGH	836.4143	353.2594	1.95	843.0674	11.31718	346.0879	2.521739
550 CHESAPEAI055 - GEOP	599.6567	216.313	0	579.6089	14.55066	219.395	1.26087
550 CHESAPEAI056 - GREE	698.6291	530.6672	1.95	702.5562	4.85022	531.4922	2.521739
550 CHESAPEAI057 - CYPR	655.9351	522.8862	0	653.7676	12.93392	512.9517	1.26087
550 CHESAPEAI058 - EXPR	467.9332	192.4791	0	463.5659	4.730769	196.5034	0
550 CHESAPEAI059 - CLEAI	935.8664	834.0761	0	914.2549	1.576923	854.71	1.5
550 CHESAPEAI060 - PARK	491.4367	1079.487	1.56	480.735	3.153846	1089.555	1.5
550 CHESAPEAI061 - CENT	700.8315	1647.3	3.12	742.5638	11.03846	1615.162	1.5
550 CHESAPEAI062 - FENT	666.6446	1422.741	0	652.426	0	1439.427	0
550 CHESAPEAI063 - POPL	207.2581	837.2841	1.56	212.4677	6.307692	829.1485	1.5
550 CHESAPEAI064 - DEEP	717.9249	704.1527	1.56	729.687	14.19231	694.9511	0
550 CHESAPEAI065 - WATI	641.0044	747.4605	0	626.6724	3.153846	757.257	0
570 COLONIAL 001 - FIRST	274.8472	789.2066	1.4	275.1096	6.625	787.9509	2.5
570 COLONIAL 002 - SECO	325.4769	863.0821	1.4	318.8356	11.59375	861.7089	1.25
570 COLONIAL 003 - THIRI	367.0656	963.9853	1.4	360.7397	13.25	969.6474	3.75
570 COLONIAL 004 - FOUR	417.6954	1001.824	0	408.1096	18.21875	989.4361	1.25
570 COLONIAL 005 - FIFTH	377.9149	1273.902	2.8	366.2055	3.3125	1304.257	1.25
580 COVINGTO 101 - PREC	106.0728	182.7339	0	97.23664	1.6	190.6973	0
580 COVINGTO 201 - PREC	129.3216	216.7036	0	122.2824	0	225.7949	0
580 COVINGTO 301 - PREC	136.5869	101.9093	0	129.6489	4.8	106.4629	0
580 COVINGTO 401 - PREC	122.0563	315.0988	0	110.4962	6.4	324.0684	0
580 COVINGTO 501 - PREC	124.9624	345.5544	0	119.3359	3.2	350.9766	0
590 DANVILLE (001 - WARI	250.493	84.60096	0	239.2845	8.888889	87.44634	0
590 DANVILLE (002 - WARI	236.4028	154.6155	0	231.4647	2.962963	160.3183	1.25
590 DANVILLE (003 - WARI	454.0185	252.3442	0	461.3655	7.407407	250.6795	0
590 DANVILLE (004 - WARI	706.0771	719.1081	2.285714	710.0337	8.888889	736.0067	0
590 DANVILLE (006 - WARI	297.4604	80.22504	0	304.9704	1.481481	80.15914	0
590 DANVILLE (007 - WARI	452.453	122.5255	0	453.5457	2.962963	123.8823	0
590 DANVILLE (008 - WARI	402.3544	207.1265	2.285714	397.2435	0	220.0733	0
590 DANVILLE (009 - WARI	306.8539	319.4415	0	300.2786	8.888889	323.5514	0
590 DANVILLE (010 - WARI	475.9367	399.6666	2.285714	467.6213	2.962963	412.4552	2.5
590 DANVILLE (011 - WARI	655.9785	361.742	1.142857	650.6036	1.481481	374.5618	0
590 DANVILLE (012 - WARI	695.118	479.8916	0	669.371	7.407407	507.1887	0
590 DANVILLE (013 - WARI	605.8799	449.2602	0	603.685	5.925926	456.1784	0
590 DANVILLE (014 - WARI	114.2874	17.50365	0	126.68	1.481481	13.11695	0
590 DANVILLE (015 - WARI	485.3302	570.3271	0	486.3887	7.407407	561.114	0
590 DANVILLE (016 - WARI	507.2483	809.5436	0	494.2085	7.407407	817.6232	1.25
590 DANVILLE (017 - WARI	277.1079	773.0777	0	275.2553	4.444444	782.6447	0
595 EMPORIA (101 - PREC	186.1935	90.69981	0	220.1714	5	97.73889	0
595 EMPORIA (201 - PREC	122.0323	13.53728	0	153.966	2.5	10.71111	0
595 EMPORIA (301 - PREC	108.1935	152.9713	0	129.3314	7.5	152.6333	0
595 EMPORIA (401 - PREC	144.6774	166.5086	0	175.5212	0	171.3778	0
595 EMPORIA (501 - PREC	113.2258	8.122371	1	137.0297	0	9.372222	2
595 EMPORIA (601 - DISTF	83.03226	211.1816	0	103.1572	2.5	210.2056	0
595 EMPORIA (701 - DISTF	139.6452	64.97897	0	167.8229	2.5	70.96111	0

600 FAIRFAX CI' 001 - ONE	1079.411	536.0978	1.333333	1107.468	7.866667	525.3569	1.714286
600 FAIRFAX CI' 002 - TWO	1022.17	638.6556	1.333333	997.1302	9.833333	655.919	1.714286
600 FAIRFAX CI' 003 - THRE	1336.998	776.9533	1.333333	1313.842	17.7	797.3612	1.714286
600 FAIRFAX CI' 004 - FOUR	905.6425	537.6517	1.333333	897.0085	11.8	537.7914	6.857143
600 FAIRFAX CI' 005 - FIVE	1067.145	484.8189	2.666667	1054.343	5.9	502.0422	0
600 FAIRFAX CI' 006 - SIX	1089.633	585.8228	0	1095.209	5.9	587.5293	0
610 FALLS CHU 001 - FIRST	2020.836	537.288	1.2	2031.459	15.55556	549.3028	0
610 FALLS CHU 002 - SECO	1525.582	439.1456	1.2	1495.414	9.333333	473.1946	3
610 FALLS CHU 003 - THIRI	1856.581	565.5663	3.6	1861.127	17.11111	567.5026	3
620 FRANKLIN (101 - PREC	196.7824	483.5129	0	187.2189	1.555556	494.6163	0
620 FRANKLIN (201 - PREC	275.1618	383.3255	0	268.4024	4.666667	384.055	0
620 FRANKLIN (301 - PREC	373.5529	42.10773	1	386.0355	1.555556	48.00687	0
620 FRANKLIN (401 - PREC	261.8206	47.91569	0	263.432	1.555556	45.09737	0
620 FRANKLIN (501 - PREC	341.8676	14.51991	0	329.7041	3.111111	21.82131	0
620 FRANKLIN (601 - PREC	251.8147	268.6183	0	245.2071	1.555556	276.4032	1
630 FREDERICK 101 - PREC	1505.248	1116.753	2.25	1487.976	25.74684	1124.775	4.857143
630 FREDERICK 201 - PREC	1417.547	808.0573	3.375	1347.804	40.05063	847.7442	7.285714
630 FREDERICK 301 - PREC	1095.377	851.9405	2.25	1058.476	15.73418	881.0484	1.214286
630 FREDERICK 401 - PREC	902.0751	298.1035	0	911.1158	17.16456	290.6551	0
630 FREDERICK 402 - PREC	606.7529	360.1454	1.125	596.6281	14.3038	358.7774	3.642857
640 GALAX CIT\ 001 - EAST	263.6384	595.0143	2	241.0996	7.5	615.5538	0
640 GALAX CIT\ 005 - WEST	250.3616	790.9857	0	250.9004	1.5	808.4462	1
650 HAMPTON 101 - ABER	1177.799	198.973	0	1163.795	13.38583	209.2982	0
650 HAMPTON 102 - BASSI	1328.529	113.1148	1.6	1338.364	14.72441	103.29	0
650 HAMPTON 103 - CITY I	608.1787	137.6457	0	601.2941	12.04724	138.6261	0
650 HAMPTON 104 - COOF	1556.377	284.8313	0	1537.62	24.09449	281.3294	3.521739
650 HAMPTON 105 - EAST	531.061	207.15	3.2	530.7611	9.370079	205.221	0
650 HAMPTON 106 - ARM'	1021.81	512.4237	3.2	1010.386	30.7874	504.2185	2.347826
650 HAMPTON 107 - LIND'	1190.067	245.3092	1.6	1170.848	13.38583	255.5069	0
650 HAMPTON 108 - THON	1272.443	212.6013	1.6	1290.754	9.370079	205.221	1.173913
650 HAMPTON 109 - PHEN	1535.345	170.3536	0	1528.803	12.04724	175.3212	0
650 HAMPTON 110 - PHOE	306.2588	169.251	1.714286	298.3254	6.123596	174.9202	0
650 HAMPTON 111 - HAM	373.3201	267.1145	0	379.115	6.692913	256.866	0
650 HAMPTON 112 - SMIT	1288.217	581.928	0	1271.358	25.43307	585.7632	1.173913
650 HAMPTON 115 - WYT	581.8886	478.353	0	592.4775	12.04724	467.5233	0
650 HAMPTON 116 - JONE	595.91	173.0793	3.2	590.7141	13.38583	171.244	1.173913
650 HAMPTON 117 - KECO	963.9721	343.4329	1.6	952.1959	12.04724	346.5653	1.173913
650 HAMPTON 118 - MALL	1584.42	179.8934	6.4	1555.253	16.06299	198.4256	5.869565
650 HAMPTON 201 - BOOK	878.8296	960.3713	0	869.6943	17.14607	958.8689	0
650 HAMPTON 202 - BRYA	1013.65	748.8075	0	1001.16	22.04494	754.5826	0
650 HAMPTON 203 - BURB	734.0224	500.0598	0	723.0598	9.797753	505.6086	1
650 HAMPTON 204 - FORR	942.94	482.4415	1.6	952.1959	13.38583	478.396	1.173913
650 HAMPTON 205 - ASBU	1018.643	1697.639	1.714286	1026.442	14.69663	1685.362	2
650 HAMPTON 208 - KRAF	1426.679	1039.839	3.2	1426.531	12.04724	1042.414	2.347826
650 HAMPTON 209 - LANG	803.9293	692.3905	5.142857	780.3652	20.82022	702.2342	0
650 HAMPTON 210 - MACI	1708.86	573.751	3.2	1662.816	29.44882	591.1996	3.521739
650 HAMPTON 212 - BETH	1768.451	671.8747	1.6	1742.166	22.75591	683.617	1.173913

650	HAMPTON 213 - PHILL	1220.042	1223.223	3.428571	1191.616	18.37079	1235.932	3
650	HAMPTON 214 - TUCK	1244.4	759.0958	0	1239.618	18.74016	757.0073	0
650	HAMPTON 215 - TYLEF	343.601	85.21324	0	345.9735	4.015748	86.24047	0
650	HAMPTON 216 - SAND	797.4678	436.1053	0	784.68	10.70866	434.9054	2.347826
650	HAMPTON 217 - SYMS	418.8897	449.7336	0	412.6182	4.015748	455.2916	0
660	HARRISON101 - NORT	1131.507	601.8551	3.111111	1106.366	20.96	622.6052	2.666667
660	HARRISON102 - EAST	580.4964	269.7971	1.555556	573.7405	7.86	281.9942	0
660	HARRISON103 - SOUT	1081.75	628.9944	0	1068.989	19.65	630.5264	2.666667
660	HARRISON104 - EAST	820.0664	646.5552	0	812.9547	18.34	646.3688	0
660	HARRISON105 - South	381.4691	105.3645	0	379.3789	11.79	101.3912	0
660	HARRISON1201 - NORT	950.9084	691.2553	4.666667	923.2176	15.72	720.8279	1.333333
660	HARRISON1202 - SOUT	1057.793	680.0803	3.111111	1035.349	22.27	684.3905	2.666667
660	HARRISON1203 - WES	938.0085	672.0981	1.555556	912.0044	14.41	693.8959	2.666667
670	HOPEWELL 101 - WARI	314.6694	403.3878	2.307692	299.9799	16.11111	397.8852	4.5
670	HOPEWELL 201 - WARI	478.1569	114.5988	0	465.0575	12.88889	116.9357	0
670	HOPEWELL 301 - WARI	374.4391	797.6077	0	356.7808	6.444444	810.9568	2.25
670	HOPEWELL 401 - WARI	652.192	693.7048	10.38462	660.3107	16.11111	675.7974	1.125
670	HOPEWELL 501 - WARI	381.4708	579.106	0	362.1059	6.444444	592.2718	0
670	HOPEWELL 601 - WARI	551.99	152.7984	0	544.9338	14.5	151.8646	1.125
670	HOPEWELL 701 - WARI	406.0818	343.7964	2.307692	395.8314	14.5	349.2885	0
678	LEXINGTON001 - LEXIN	1317	749	2	1289	10	775	4
680	LYNCHBUR 101 - FIRST	1009.471	1188.759	1.066667	952.1213	27.62791	1214.652	3.62069
680	LYNCHBUR 102 - FIRST	937.1004	1489.759	1.066667	950.2471	6.139535	1491.055	3.62069
680	LYNCHBUR 103 - FIRST	710.7118	919.5105	1.066667	706.594	6.139535	936.9807	0
680	LYNCHBUR 104 - FIRST	404.5305	259.0886	1.066667	393.5935	4.604651	273.8672	0
680	LYNCHBUR 105 - FIRST	601.2288	535.9578	0	594.1387	4.604651	538.859	1.206897
680	LYNCHBUR 201 - SECO	1208.024	457.2152	1.066667	1203.271	13.81395	474.1959	2.413793
680	LYNCHBUR 202 - SECO	963.0794	377.2025	1.066667	968.9896	12.27907	387.9785	1.206897
680	LYNCHBUR 203 - SECO	367.4176	153.6751	1.066667	380.4737	3.069767	153.4163	2.413793
680	LYNCHBUR 204 - SECO	276.491	264.1688	0	277.3897	1.534884	263.7239	0
680	LYNCHBUR 301 - THIR	480.6119	368.3122	1.066667	462.9409	10.74419	376.5673	2.413793
680	LYNCHBUR 302 - THIR	27.83467	648.9916	0	22.49105	6.139535	654.2382	1.206897
680	LYNCHBUR 303 - THIR	361.8506	556.2785	0	367.3539	4.604651	554.0738	2.413793
680	LYNCHBUR 304 - THIR	387.8297	572.789	0	378.5994	6.139535	581.9677	0
680	LYNCHBUR 305 - THIR	593.8062	1348.785	3.2	590.3902	16.88372	1341.442	7.241379
680	LYNCHBUR 401 - FOUR	692.1553	1764.089	0	685.9772	16.88372	1767.458	0
680	LYNCHBUR 402 - FOUR	432.3651	577.8692	1.066667	432.9528	3.069767	578.164	3.62069
680	LYNCHBUR 403 - FOUR	788.6489	1038.895	2.133333	760.9474	35.30233	1039.681	1.206897
680	LYNCHBUR 404 - FOUR	901.8432	1023.654	1.066667	871.5284	18.4186	1039.681	2.413793
683	MANASSAS001 - DEAN	1101.179	573.8329	0	1073.663	13.92	593.652	0
683	MANASSAS002 - WEE	1136.893	875.0951	0	1109.786	27.84	892.8527	0
683	MANASSAS003 - METZ	1134.909	1010.583	0	1139.889	13.92	1005.251	3.111111
683	MANASSAS004 - HAYD	1069.434	903.7867	9.272727	1057.608	13.92	921.348	3.111111
683	MANASSAS005 - BALD	930.5461	760.3285	6.181818	925.1565	13.92	763.0408	4.666667
683	MANASSAS006 - ROU	869.0388	854.3734	1.545455	848.8963	3.48	873.8558	3.111111
685	MANASSAS001 - PREC	940.2857	495.9036	0	928.6259	20	488.1151	1.272727
685	MANASSAS002 - PREC	519.4462	441.805	5.333333	504.7645	12	456.6721	2.545455

685	MANASSAS	003 - PREC	734.2681	434.2913	6.666667	724.6096	14	434.2128	10.18182
690	MARTINSV	001 - PREC	363.3464	14.893	1	363.8724	2.758621	17.57097	0
690	MARTINSV	002 - PREC	419.1299	392.6337	2	404.6382	11.03448	401.429	1.666667
690	MARTINSV	003 - PREC	257.8101	166.5309	1	256.6735	5.517241	167.6	0
690	MARTINSV	004 - PREC	541.2505	287.0288	1	537.5044	8.275862	293.3	0
690	MARTINSV	005 - PREC	474.9134	774.4362	1	452.9532	11.03448	787.9903	3.333333
690	MARTINSV	006 - PREC	206.5496	9.477366	0	208.3585	1.37931	8.109677	0
700	NEWPORT	101 - DENB	1276.642	546.7565	2.652174	1264.945	27.41784	552.9397	2.685714
700	NEWPORT	102 - STON	1452.514	418.9269	3.978261	1449.713	24.67606	414.3899	0
700	NEWPORT	103 - JENKI	1014.404	735.3369	3.978261	1005.955	17.8216	743.1308	4.028571
700	NEWPORT	104 - MCIN	937.4604	379.692	2.652174	928.5741	21.93427	381.6418	0
700	NEWPORT	105 - OYST	252.8159	172.127	0	241.6188	5.483568	177.5957	0
700	NEWPORT	106 - RESEI	1278.212	691.0395	0	1272.841	19.19249	696.5277	2.685714
700	NEWPORT	107 - RICHI	1187.136	807.4783	1.326087	1167.034	13.70892	814.9248	1.342857
700	NEWPORT	108 - KATH	1108.621	378.4264	1.326087	1097.549	17.8216	391.7181	0
700	NEWPORT	109 - WINC	656.3793	453.0991	1.326087	644.3167	17.8216	448.3976	0
700	NEWPORT	110 - GREE	1235.815	468.2868	1.326087	1204.935	23.30516	479.8862	0
700	NEWPORT	201 - BLAN	205.7074	96.18864	0	198.9802	4.112676	96.98487	0
700	NEWPORT	202 - BOUL	703.4879	832.7911	3.978261	694.8514	13.70892	838.8562	4.028571
700	NEWPORT	203 - CHAR	1201.268	1251.718	2.652174	1168.614	27.41784	1255.765	2.685714
700	NEWPORT	204 - MARI	416.1256	374.6295	0	412.1732	8.225352	379.1227	0
700	NEWPORT	205 - DEEP	803.9861	1258.046	2.652174	794.3415	6.85446	1264.582	1.342857
700	NEWPORT	208 - HIDEI	497.7805	677.1174	1.326087	499.0296	2.741784	681.4132	1.342857
700	NEWPORT	209 - HILTC	825.9701	759.384	1.326087	840.1385	9.596244	746.9095	0
700	NEWPORT	210 - KNOL	1304.907	1239.062	3.978261	1293.371	28.78873	1235.612	4.028571
700	NEWPORT	211 - PALM	941.3927	611.6971	0	928.1614	20.4507	608.3175	2.342857
700	NEWPORT	212 - RIVEF	502.4913	618.898	0	491.1336	4.112676	628.5124	0
700	NEWPORT	213 - SANF	383.1496	516.3811	1.326087	366.3762	0	532.787	0
700	NEWPORT	215 - WAR	469.5153	396.1453	0	459.5494	8.225352	401.7945	1.342857
700	NEWPORT	216 - YATE	474.2262	583.4601	0	478.4999	9.596244	576.8711	2.685714
700	NEWPORT	217 - RIVEF	635.9656	845.4475	3.978261	636.4207	8.225352	838.8562	2.685714
700	NEWPORT	218 - KILN	1272.962	1032.446	3.978261	1276.388	27.41784	1022.845	0
700	NEWPORT	219 - DEER	990.8501	449.3022	2.652174	985.4256	19.19249	454.6953	0
700	NEWPORT	302 - BRIAF	714.4798	232.8778	2.652174	709.0642	10.96714	238.0538	0
700	NEWPORT	303 - CARV	511.913	180.9865	0	510.0841	6.85446	182.6339	1.342857
700	NEWPORT	304 - CHES	504.0616	30.37536	0	499.0296	8.225352	30.22905	0
700	NEWPORT	305 - DOW	279.5108	72.14148	0	284.2574	5.483568	68.01537	0
700	NEWPORT	306 - DUNE	103.6388	3.79692	0	102.6485	4.112676	5.038175	0
700	NEWPORT	307 - HUNT	367.4468	24.04716	0	377.4306	4.112676	16.37407	0
700	NEWPORT	308 - JEFFE	331.3302	12.6564	0	336.3712	1.370892	11.33589	0
700	NEWPORT	309 - MAG	497.7805	20.25024	2.652174	494.292	9.596244	22.67179	2.685714
700	NEWPORT	310 - MAR	557.4513	29.10972	1.326087	552.7227	9.596244	32.74814	4.028571
700	NEWPORT	311 - NEWI	1074.075	391.0828	1.326087	1050.173	21.93427	394.2372	1.342857
700	NEWPORT	312 - NEW	190.0045	6.3282	1.326087	184.7673	4.112676	10.07635	1.342857
700	NEWPORT	313 - REED	805.5564	43.03176	1.326087	800.6583	5.483568	55.41993	0
700	NEWPORT	314 - RIVEF	445.961	321.4726	0	439.0197	6.85446	323.7028	1.342857
700	NEWPORT	315 - SEDG	646.9576	559.4129	0	623.787	26.04695	563.0161	0

700 NEWPORT 316 - SOUT	788.2833	451.8335	0	776.9702	21.93427	460.993	0
700 NEWPORT 317 - WASI	262.2377	16.45332	0	266.8861	4.112676	12.59544	0
700 NEWPORT 318 - WILSI	532.3267	68.34456	1.326087	535.3514	9.596244	66.75582	0
700 NEWPORT 319 - SAUN	951.5929	825.1973	0	945.9454	9.596244	830.0394	0
700 NEWPORT 320 - WATI	1130.605	1251.718	2.652174	1108.604	30.15962	1251.987	2.685714
710 NORFOLK (101 - GRAN	1157.766	559.7288	4.5	1157.067	14.49591	559.9038	1.323529
710 NORFOLK (102 - OCEA	374.5474	375.9108	1.411765	368.7392	6.658031	380.0769	0
710 NORFOLK (103 - NORT	633.8494	645.3349	1.411765	626.3735	13.31606	639.8601	1.363636
710 NORFOLK (104 - TITUS	544.8447	83.4429	0	556.1552	6.658031	79.38346	0
710 NORFOLK (106 - SECO	953.9754	559.3758	0	922.653	17.31088	579.7133	1.363636
710 NORFOLK (201 - LARC	919.6904	510.4194	1.5	914.5088	14.49591	500.4801	1.323529
710 NORFOLK (203 - GHEN	582.1445	221.2262	1.5	568.6999	4.348774	232.4129	0
710 NORFOLK (207 - LAME	991.4393	165.2533	7.5	989.8984	20.29428	158.4633	5.294118
710 NORFOLK (208 - LARC	662.0466	497.0925	3	660.4786	7.247956	493.8774	0
710 NORFOLK (210 - MAU	1099.063	363.8237	3	1094.788	13.04632	360.5041	2.647059
710 NORFOLK (211 - CHRY	1203.425	601.0422	0	1194.762	14.49591	606.1223	2.647059
710 NORFOLK (212 - PARK	844.6802	81.29395	7.5	819.4523	27.54223	87.15484	2.647059
710 NORFOLK (213 - TAYL	1467.591	393.1429	1.5	1452.07	21.74387	404.0815	2.647059
710 NORFOLK (214 - STUA	1322.463	422.462	3	1302.929	26.09264	422.5689	2.647059
710 NORFOLK (215 - SUBU	773.1042	536.2823	0	761.6315	14.64767	536.2028	1.363636
710 NORFOLK (217 - WESL	659.4595	382.3257	0	644.0859	17.31088	383.9161	0
710 NORFOLK (218 - WILL	1172.442	856.9182	1.5	1152.15	14.49591	860.9842	5.294118
710 NORFOLK (301 - BALLI	931.105	177.2475	0	925.9811	17.3951	172.9891	1.323529
710 NORFOLK (302 - TANN	603.343	155.9245	4.5	590.0057	8.697548	162.4249	1.323529
710 NORFOLK (303 - BROA	1180.596	78.62858	1.5	1170.178	23.19346	75.27009	1.323529
710 NORFOLK (304 - COLE	575.6218	138.5995	3	568.6999	11.59673	141.2965	1.323529
710 NORFOLK (305 - LAFA'	792.4992	205.2339	1.5	796.5077	13.04632	202.0408	0
710 NORFOLK (306 - LINDE	737.0569	98.61889	1.5	726.0348	11.59673	101.6806	1.323529
710 NORFOLK (309 - NOR\	1371.382	442.4523	0	1342.263	30.44142	450.3	0
710 NORFOLK (310 - ROSE	1635.549	113.2785	0	1604.488	27.54223	125.4501	1.323529
710 NORFOLK (311 - SHER	1348.553	694.3303	4.5	1311.124	23.19346	715.7261	3.970588
710 NORFOLK (313 - UNIO	551.162	27.98644	0	545.7553	15.9455	19.80792	0
710 NORFOLK (402 - BERK	931.105	21.323	1.5	912.8699	20.29428	29.05161	0
710 NORFOLK (404 - CAMI	896.8612	47.97676	1.5	881.7307	28.99183	46.21848	0
710 NORFOLK (405 - CHES'	926.213	66.63439	3	922.7033	14.49591	64.70587	0
710 NORFOLK (406 - BARR	553.8179	428.5127	0	550.6934	9.321244	429.986	0
710 NORFOLK (408 - EASTI	694.6598	638.3574	1.5	688.34	7.247956	636.4944	2.647059
710 NORFOLK (409 - FAIRL	575.6218	433.1235	0	557.2276	10.14714	441.0563	0
710 NORFOLK (411 - RUFF	445.1693	26.65375	0	449.0599	8.697548	23.7695	0
710 NORFOLK (412 - INGLI	973.5021	187.909	1.5	968.5927	23.19346	179.5918	1.323529
710 NORFOLK (413 - POPL	1201.794	271.8683	1.5	1180.011	18.84469	282.593	2.647059
710 NORFOLK (414 - YOUN	779.4539	41.31332	0	762.0907	17.3951	48.85953	0
710 NORFOLK (415 - LAKE	614.7576	403.8044	1.5	601.478	21.74387	398.7994	0
710 NORFOLK (501 - BAYV	761.8998	765.9343	0	731.0375	18.64249	776.7902	0
710 NORFOLK (503 - EAST	833.9281	803.1405	2.823529	821.2095	15.97927	806.2238	1.363636
710 NORFOLK (504 - LARR'	793.9124	533.7164	2.823529	787.395	13.31606	537.4825	0
710 NORFOLK (505 - LITTL	513.8022	552.961	4.235294	503.9972	11.98446	555.3986	2.727273

710 NORFOLK (506 - OCEA	925.164	564.5077	0	898.4998	21.3057	569.4755	2.727273
710 NORFOLK (507 - PRETI	704.2771	543.9802	5.647059	687.5617	26.63212	549	2.727273
710 NORFOLK (509 - TARR	646.6544	917.325	1.411765	618.3224	18.64249	934.1958	0
710 NORFOLK (510 - THIRI	749.0947	993.0204	2.823529	753.5805	14.64767	985.3846	1.363636
710 NORFOLK (511 - CROS	801.9155	692.8049	1.411765	787.395	19.97409	694.8881	0
710 NORFOLK (512 - AZALI	500.9971	447.7572	0	492.7257	10.65285	445.3427	0
720 NORTON C 001 - EAST	344	842	2	320	13	866	4
730 PETERSBUF 101 - FIRST	799.6397	148.1086	0	784.7517	16.58824	147.3948	0
730 PETERSBUF 201 - SECO	1587.91	173.6446	1.428571	1594.205	29.85882	149.0326	1.25
730 PETERSBUF 301 - THIRI	1423.055	396.6587	2.857143	1402.292	29.85882	389.7775	1.25
730 PETERSBUF 401 - FOUR	903.8581	229.8237	0	874.0576	19.90588	245.6581	0
730 PETERSBUF 501 - FIFTH	905.753	98.73907	2.857143	906.3597	21.56471	91.71235	1.25
730 PETERSBUF 601 - SIXTH	797.7448	51.07193	1.428571	807.5532	11.61176	54.04478	0
730 PETERSBUF 701 - SEVEI	1207.039	108.9535	1.428571	1221.78	11.61176	129.3799	1.25
735 POQUOSOIO001 - CENT	408.6392	1477.055	1	402.6401	10.66667	1481.445	1.666667
735 POQUOSOIO002 - EASTI	483.7405	1721.702	2	470.5008	12.19048	1728.353	1.666667
735 POQUOSOIO003 - WEST	503.6203	1671.243	3	490.859	9.142857	1687.202	1.666667
740 PORTSMOI001 - EMAI	801.1045	271.8812	1.275862	798.0149	12.52941	269.9578	0
740 PORTSMOI005 - HAMI	559.5501	22.45975	0	554.0065	6.960784	31.82909	0
740 PORTSMOI007- PARK	571.7807	164.3108	0	573.9569	8.352941	167.3974	0
740 PORTSMOI009 - THIRI	765.9415	153.672	1.275862	778.0646	11.13725	140.2838	1.117647
740 PORTSMOI010 - PORT	365.3893	221.0512	1.275862	365.2453	6.960784	219.267	0
740 PORTSMOI011 - JOSEF	594.7131	17.73138	1.275862	595.4419	5.568627	18.86168	0
740 PORTSMOI013 - ST. M	301.1786	21.27766	0	299.2556	2.784314	22.39825	0
740 PORTSMOI014 - BRIGI	706.3173	31.91649	0	695.1938	9.745098	36.54451	1.117647
740 PORTSMOI016 - CRAD	539.6753	223.4154	1.275862	540.1947	11.13725	219.267	0
740 PORTSMOI017 - VICTC	623.7607	308.526	0	607.7191	16.70588	313.5754	0
740 PORTSMOI019 - VICTC	307.2939	248.2393	1.275862	293.117	9.745098	253.4538	0
740 PORTSMOI020 - NOBL	720.0767	198.5915	0	705.9363	18.09804	208.6573	1.117647
740 PORTSMOI021 - JOHN	518.2718	14.1851	0	515.6404	4.176471	15.32512	0
740 PORTSMOI022 - ST. M	461.7053	392.4546	1.275862	452.72	11.13725	392.5587	1.117647
740 PORTSMOI023 - WEST	368.4469	563.8579	0	339.1564	5.568627	579.9967	1.117647
740 PORTSMOI024 - THE S	458.6476	263.6065	2.551724	440.4429	8.352941	278.2098	0
740 PORTSMOI025 - WATI	626.8184	500.0249	1.275862	619.9962	13.92157	509.2654	1.117647
740 PORTSMOI026 - WILLI	911.1799	28.37021	0	919.2518	9.745098	29.47138	0
740 PORTSMOI027 - CAVA	807.2198	41.37322	2.551724	822.5692	11.13725	38.90222	0
740 PORTSMOI028 - LAKE'	1239.877	46.10159	1.275862	1232.319	19.4902	48.33306	2.235294
740 PORTSMOI029 - MAN'	246.1409	482.2936	1.275862	222.5234	5.568627	499.8345	0
740 PORTSMOI030 - THE F	292.0056	625.3267	0	285.4438	4.176471	630.6874	0
740 PORTSMOI031 - WEST	764.4127	543.7624	1.275862	739.6985	19.4902	551.7042	0
740 PORTSMOI032 - HODC	366.9181	521.3026	1.275862	375.9878	5.568627	517.5174	0
740 PORTSMOI033- PINEC	272.1309	588.6819	2.551724	260.8895	2.784314	597.6795	1.117647
740 PORTSMOI034- CHUR	483.1088	585.1356	3.827586	454.2547	9.745098	603.5738	2.235294
740 PORTSMOI035 - CHUF	582.4825	671.4283	1.275862	575.4915	20.88235	667.232	1.117647
740 PORTSMOI036 - CHUF	1067.12	891.2974	3.827586	1057.37	13.92157	899.4664	4.470588
740 PORTSMOI037 - CHUF	1012.082	521.3026	2.551724	1002.123	19.4902	522.2328	0
740 PORTSMOI038 - GROV	1181.782	200.9557	0	1147.914	20.88235	215.7305	0

740	PORTSMOUTH 039 - CHURCH	1265.867	444.4666	2.551724	1243.062	29.23529	446.7861	1.117647
750	RADFORD (001 - EAST	436.0323	379.2337	2.5	414.769	10.05714	393.8351	0
750	RADFORD (002 - CENT	604.0274	681.4582	0	594.1807	16.34286	692.1073	0
750	RADFORD (003 - WEST	577.6012	868.8956	2.5	559.4559	10.05714	881.7853	5
750	RADFORD (004 - NEW	313.3392	296.4125	0	310.5945	7.542857	298.2722	0
760	RICHMOND 101 - ONE I	370.8341	221.5282	0	353.9342	10.16992	233.3006	0
760	RICHMOND 102 - ONE I	494.4454	451.3122	0	478.7592	16.52612	452.9579	0
760	RICHMOND 104 - ONE I	777.6562	789.7963	1.462963	771.0709	1.27124	795.405	1.384615
760	RICHMOND 105 - ONE I	937.2557	539.3731	1.462963	927.4971	8.898681	548.4611	2.769231
760	RICHMOND 106 - ONE I	531.9982	927.3914	1.462963	508.7804	2.54248	950.9387	0
760	RICHMOND 111 - ONE I	813.6444	510.4781	2.925926	793.1918	16.52612	527.9961	1.384615
760	RICHMOND 112 - ONE I	746.3622	345.3639	1.462963	736.3095	8.898681	356.0904	1.384615
760	RICHMOND 113 - ONE I	1450.478	321.9727	10.24074	1379.395	75.00317	326.0751	5.538462
760	RICHMOND 114 - ONE I	1581.912	399.026	1.462963	1526.341	73.73193	398.3846	6.923077
760	RICHMOND 115 - ONE I	663.4331	511.854	0	658.8864	3.81372	519.8101	0
760	RICHMOND 203 - TWO	600.8451	239.4156	2.925926	595.6839	13.98364	231.9363	4.153846
760	RICHMOND 204 - TWO	1344.078	316.4689	7.314815	1268.791	77.54565	316.5248	5.538462
760	RICHMOND 206 - TWO	563.2922	70.17354	2.925926	535.6415	39.40844	62.75923	1.384615
760	RICHMOND 207 - TWO	1461.43	342.612	1.462963	1398.356	59.74828	354.7261	0
760	RICHMOND 208 - TWO	1264.278	321.9727	4.388889	1229.289	50.8496	319.2535	1.384615
760	RICHMOND 213 - TWO	1503.677	108.7002	5.851852	1362.015	156.3625	91.41018	2.769231
760	RICHMOND 214 - TWO	632.1391	77.05329	2.925926	589.3636	44.4934	79.1312	0
760	RICHMOND 215 - TWO	907.5264	316.4689	1.462963	878.5152	29.23852	324.7108	0
760	RICHMOND 301 - THRE	500.7042	42.6545	0	505.6202	17.79736	30.01528	0
760	RICHMOND 302 - THRE	558.5981	147.2268	0	546.7019	16.52612	144.6191	1.384615
760	RICHMOND 303 - THRE	674.386	57.78997	1.462963	641.5057	26.69604	60.03056	2.769231
760	RICHMOND 304 - THRE	982.632	60.54187	4.388889	959.0984	38.1372	54.57324	1.384615
760	RICHMOND 305 - THRE	937.2557	116.9559	0	902.2161	50.8496	109.1465	1.384615
760	RICHMOND 306 - THRE	600.8451	55.03807	2.925926	573.563	27.96728	58.66623	2.769231
760	RICHMOND 307 - THRE	677.5154	243.5434	1.462963	671.5269	16.52612	240.1223	4.153846
760	RICHMOND 308 - THRE	821.4679	257.303	0	802.6721	13.98364	259.2229	1.384615
760	RICHMOND 309 - THRE	488.1866	213.2725	0	477.1791	10.16992	215.5643	0
760	RICHMOND 310 - THRE	201.8464	11.00761	0	203.8282	5.08496	6.821655	0
760	RICHMOND 402 - FOUR	1804.1	553.1326	5.851852	1809.172	27.96728	547.0967	5.538462
760	RICHMOND 404 - FOUR	1297.137	356.3715	1.462963	1281.431	44.4934	343.8114	0
760	RICHMOND 409 - FOUR	851.1972	621.9302	0	861.1345	13.98364	608.4916	1.384615
760	RICHMOND 410 - FOUR	960.7262	392.1462	1.462963	960.6785	17.79736	387.47	1.384615
760	RICHMOND 412 - FOUR	1053.044	240.7915	1.462963	1036.522	25.4248	246.9439	1.384615
760	RICHMOND 413 - FOUR	940.3851	410.0336	4.388889	922.757	16.52612	409.2993	2.769231
760	RICHMOND 414 - FOUR	990.4555	616.4264	4.388889	1009.66	13.98364	596.2126	1.384615
760	RICHMOND 415 - FOUR	751.0563	476.0793	0	756.8503	5.08496	474.7872	0
760	RICHMOND 501 - FIVE I	1558.442	260.0549	5.851852	1471.039	85.17309	275.5949	1.384615
760	RICHMOND 503 - FIVE I	1498.983	178.8737	5.851852	1450.498	66.10449	177.363	0
760	RICHMOND 504 - FIVE I	1739.947	231.1599	1.462963	1640.106	106.7842	230.5719	1.384615
760	RICHMOND 505 - FIVE I	793.3032	112.828	4.388889	742.6297	58.47704	109.1465	1.384615
760	RICHMOND 508 - FIVE I	852.7619	145.8509	1.462963	835.8535	22.88232	150.0764	0
760	RICHMOND 509 - FIVE I	812.0797	71.54949	1.462963	799.512	30.50976	69.58088	0

760	RICHMOND	510 - FIVE I	1165.702	125.2116	4.388889	1156.606	39.40844	120.0611	1.384615
760	RICHMOND	602 - SIX H	475.669	27.51903	4.388889	472.4389	31.781	13.64331	1.384615
760	RICHMOND	603 - SIX H	987.3261	77.05329	0	948.038	49.57836	72.30954	1.384615
760	RICHMOND	604 - SIX H	722.8917	60.54187	4.388889	684.1674	48.30712	53.20891	1.384615
760	RICHMOND	606 - SIX H	1037.397	67.42163	1.462963	1009.66	41.95092	60.03056	1.384615
760	RICHMOND	607 - SIX H	1017.055	196.7611	4.388889	976.4791	43.22216	208.7426	1.384615
760	RICHMOND	609 - SIX H	1657.018	266.9346	2.925926	1611.665	68.64697	260.5872	2.769231
760	RICHMOND	610 - SIX H	560.1628	34.39879	1.462963	553.0221	16.52612	34.10827	0
760	RICHMOND	701 - SEVEI	586.7628	41.27855	1.462963	589.3636	21.61108	31.37961	0
760	RICHMOND	702 - SEVEI	837.1149	77.05329	1.462963	808.9924	41.95092	72.30954	0
760	RICHMOND	703 - SEVEI	1140.667	110.0761	2.925926	1099.724	62.29077	99.59616	1.384615
760	RICHMOND	705 - SEVEI	1067.126	137.5952	4.388889	1034.941	45.76464	143.2548	1.384615
760	RICHMOND	706 - SEVEI	1503.677	137.5952	4.388889	1455.238	66.10449	145.9834	0
760	RICHMOND	707 - SEVEI	1929.276	310.9651	4.388889	1870.795	82.63061	313.7961	1.384615
760	RICHMOND	708 - SEVEI	1509.936	264.1827	1.462963	1444.178	68.64697	263.3159	2.769231
760	RICHMOND	802 - EIGH	675.9507	41.27855	0	649.406	20.33984	46.38725	0
760	RICHMOND	806 - EIGH	625.8803	85.309	1.462963	589.3636	27.96728	99.59616	1.384615
760	RICHMOND	810 - EIGH	561.7275	100.4445	0	559.3424	16.52612	90.04585	0
760	RICHMOND	811 - EIGH	716.6329	103.1964	0	701.5481	21.61108	106.4178	0
760	RICHMOND	812 - EIGH	1146.926	180.2497	4.388889	1129.745	24.15356	184.1847	1.384615
760	RICHMOND	814 - EIGH	508.5277	44.03045	1.462963	505.6202	11.44116	40.92993	0
760	RICHMOND	902 - NINE	278.5167	31.64689	1.462963	282.8313	10.16992	20.46496	0
760	RICHMOND	903 - NINE	726.0211	126.5876	1.462963	712.6085	21.61108	129.6114	0
760	RICHMOND	908 - NINE	779.2209	92.18876	1.462963	755.2702	19.0686	102.3248	1.384615
760	RICHMOND	909 - NINE	927.8675	127.9635	0	892.7358	33.05224	137.7974	0
760	RICHMOND	910 - NINE	749.4916	123.8357	2.925926	755.2702	8.898681	120.0611	0
760	RICHMOND	911 - NINE	837.1149	48.15831	0	826.3731	17.79736	47.75158	0
770	ROANOKE	001 - Peters	842.5296	269.2846	0	846.0086	12.57803	262.5568	0
770	ROANOKE	002 - Grant	810.8415	502.6646	1.192308	797.2365	3.144509	525.1135	1.416667
770	ROANOKE	003 - Prestc	639.3532	752.616	1.192308	630.2858	15.72254	756.0535	1.416667
770	ROANOKE	004 - Willia	708.3213	528.9026	3.576923	677.182	15.72254	551.2317	4.25
770	ROANOKE	005 - East C	544.289	847.9013	1.192308	519.6106	12.57803	860.5264	1.416667
770	ROANOKE	006 - Hollir	452.9528	581.3786	2.384615	444.5766	11.00578	595.2203	0
770	ROANOKE	007 - South	423.1288	542.7121	1.192308	414.563	14.15029	544.3585	0
770	ROANOKE	008 - Linco	641.2172	63.52355	1.192308	635.9133	11.00578	65.98285	2.833333
770	ROANOKE	009 - Highl	883.5377	318.9987	3.576923	877.898	20.43931	321.6664	0
770	ROANOKE	010 - Old S	1267.522	595.1881	0	1247.441	23.58382	606.2174	0
770	ROANOKE	011 - RALEI	1530.347	792.6635	2.384615	1510.06	20.43931	812.4139	4.25
770	ROANOKE	012 - SOUT	853.7136	860.3299	0	797.2365	9.433526	903.1403	0
770	ROANOKE	013 - GARC	568.5211	910.044	1.192308	553.3759	14.15029	919.636	1.416667
770	ROANOKE	014 - Cryst	950.6418	791.2825	3.576923	945.4287	11.00578	806.9153	4.25
770	ROANOKE	015 - Grant	1094.17	756.7589	4.769231	1069.235	15.72254	773.9239	2.833333
770	ROANOKE	016 - Deyel	894.7217	987.377	1.192308	881.6497	6.289017	1003.489	1.416667
770	ROANOKE	017 - LEE-H	1284.298	829.949	0	1269.951	25.15607	828.9096	4.25
770	ROANOKE	018 - Sumn	864.8976	604.8547	2.384615	855.3878	11.00578	608.9667	2.833333
770	ROANOKE	019 - Fores	766.1054	157.4279	0	787.8572	3.144509	155.3346	0
770	ROANOKE	020 - EURE	1056.89	120.1424	0	1056.104	15.72254	122.3432	1.416667

775 SALEM CIT'001 - NORT	382.7585	614.3652	0	387.8765	1.538462	612.4608	2.285714
775 SALEM CIT'002 - CONE	231.014	418.7384	0	220.3322	1.538462	431.4698	0
775 SALEM CIT'003 - BEVE	176.6578	451.0734	0	162.954	4.615385	457.3256	0
775 SALEM CIT'004 - WEST	319.3429	611.1317	1.571429	332.7934	4.615385	609.2288	0
775 SALEM CIT'005 - NORT	600.1835	813.2255	4.714286	585.2574	12.30769	819.3077	3.428571
775 SALEM CIT'006 - SOUT	298.9593	459.1572	1.571429	296.0714	7.692308	460.5576	0
775 SALEM CIT'007 - SOUT	314.8132	651.5505	0	307.547	3.076923	660.9406	0
775 SALEM CIT'008 - EAST	181.1875	271.6141	0	176.7248	6.153846	274.7186	0
775 SALEM CIT'009 - SOUT	398.6124	853.6443	1.571429	387.8765	4.615385	861.3235	2.285714
775 SALEM CIT'010 - HIDD	491.471	955.4996	1.571429	486.5669	13.84615	956.667	0
790 STAUNTON 101 - WARI	1030.025	975.3076	7	979.5156	34.70833	996.4295	2.666667
790 STAUNTON 201 - WARI	942.0436	1219.134	0	916.5313	19.83333	1241.035	0
790 STAUNTON 301 - WARI	1090.11	970.82	4.666667	1042.5	33.05556	1002.432	5.333333
790 STAUNTON 401 - WARI	987.1072	747.9352	0	964.3125	14.875	775.8344	0
790 STAUNTON 501 - WARI	1113.714	614.8028	2.333333	1101.141	16.52778	624.2691	0
800 SUFFOLK C 101 - BELLE	836.6566	369.7333	6.764706	826.326	9.882353	376.036	5.869565
800 SUFFOLK C 102 - DRIV	956.6486	1944.378	4.058824	919.06	15.52941	1975.495	2.347826
800 SUFFOLK C 104 - BENN	1007.604	975.4667	1.352941	1006.826	11.29412	979.2604	0
800 SUFFOLK C 201 - EBEN	496.4053	1117.067	0	496.7892	4.235294	1117.663	0
800 SUFFOLK C 202 - CHUC	499.6928	907.2889	0	488.5093	4.235294	921.8105	0
800 SUFFOLK C 203 - KING	1040.479	607.0444	2.705882	1025.042	11.29412	617.5869	1.173913
800 SUFFOLK C 204 - HILLP	884.3247	529.6889	1.352941	849.5095	12.70588	548.3858	3.521739
800 SUFFOLK C 301 - WHIT	298.5485	140.2802	0	289.7005	1.272727	146.8597	0
800 SUFFOLK C 302 - JOHN	1191.587	209.6337	0	1183.352	17.65775	213.116	2.347826
800 SUFFOLK C 304 - NANS	964.8673	635.8889	1.352941	945.5554	12.70588	650.2289	4.695652
800 SUFFOLK C 305 - SHOL	432.3	325.1556	1.352941	437.1745	7.058824	317.2804	1.173913
800 SUFFOLK C 401 - AIRPC	334.5182	544.4537	0	335.2509	3.818182	547.2603	1.4
800 SUFFOLK C 402 - WHA	291.3545	995.8502	1.75	284.2344	2.545455	1003.08	1.4
800 SUFFOLK C 403 - SOUT	571.9182	52.77867	1.75	573.9349	8.909091	54.03329	0
800 SUFFOLK C 404 - BOOK	954.5054	56.323	1.75	942.4255	14	63.01348	0
800 SUFFOLK C 405 - PITTM	194.2364	294.4494	0	202.2437	1.272727	292.334	0
800 SUFFOLK C 501 - KILBY	667.2379	1156.964	0	659.5696	17.81818	1154.096	0
800 SUFFOLK C 502 - HOLL	602.4924	1408.357	0	583.045	10.18182	1415.949	0
800 SUFFOLK C 504 - LAKE	701.735	1363.307	1.352941	679.7551	9.048128	1378.68	1.4
800 SUFFOLK C 601 - LAKE	685.2227	593.0656	1.75	690.5439	7.636364	595.7517	2.8
800 SUFFOLK C 602 - OLDE	208.908	149.5445	0	205.5056	4.235294	152.8444	0
800 SUFFOLK C 603 - ELEPH	271.5712	237.504	0	271.4803	2.545455	241.0716	0
800 SUFFOLK C 604 - WILR	664.0654	551.9778	0	637.5461	9.882353	566.6654	0
800 SUFFOLK C 605 - HOLL	530.9236	35.4	0	526.5965	4.235294	40.4761	0
800 SUFFOLK C 702 - HARB	1209.782	1014.8	1.352941	1218.789	8.470588	1014.514	2.347826
800 SUFFOLK C 704 - BURB	1293.613	658.1778	0	1293.308	19.76471	648.9232	2.347826
800 SUFFOLK C 706 - HUN	1518.803	309.4222	1.352941	1506.927	19.76471	318.5861	1.173913
810 VIRGINIA B 001 - NORT	825.4181	1575.039	0	814.3186	13.89222	1583.845	0
810 VIRGINIA B 002 - SOUT	855.9264	1009.386	0	831.3545	23.61677	1011.626	2.64
810 VIRGINIA B 003 - OCEA	535.5896	808.0758	0	528.1146	13.89222	801.1061	0
810 VIRGINIA B 004 - LINK	599.9959	1078.852	1.379747	613.2943	4.167665	1072.38	0
810 VIRGINIA B 005 - SEAT	735.5882	758.4571	1.379747	752.9892	15.28144	740.3521	0

810 VIRGINIA B 006 - ALAN	705.0799	1190.849	0	717.2136	13.89222	1168.456	1.32
810 VIRGINIA B 007 - KING	562.708	886.0481	0	545.1505	4.167665	901.421	0
810 VIRGINIA B 008 - LONC	899.9939	1091.611	1.379747	890.9804	13.89222	1090.748	1.32
810 VIRGINIA B 009 - TRAN	598.301	1059.005	1.379747	630.3303	2.778443	1039.884	0
810 VIRGINIA B 010 - GREA	462.7087	1202.19	1.379747	477.0067	2.778443	1186.824	0
810 VIRGINIA B 011 - CAPE	1067.789	1217.784	0	1120.966	6.946108	1172.695	1.32
810 VIRGINIA B 012 - PLAZ	894.9091	808.0758	1.379747	882.4624	15.28144	812.4092	0
810 VIRGINIA B 013 - MT TI	910.1633	1182.343	0	918.2379	16.67066	1159.979	0
810 VIRGINIA B 014 - MALI	861.0111	1117.129	1.379747	851.7977	18.05988	1114.767	2.64
810 VIRGINIA B 015 - OLD I	594.9112	738.6097	1.379747	579.2224	12.50299	737.5263	2.64
810 VIRGINIA B 016 - ARAG	955.9257	1237.632	2.759494	938.681	33.34132	1236.275	1.32
810 VIRGINIA B 017 - OCEA	474.573	696.0794	1.379747	473.5995	9.724551	692.314	0
810 VIRGINIA B 018 - THOR	767.7914	1114.294	0	759.8035	6.946108	1124.657	1.32
810 VIRGINIA B 019 - LAKE	444.0648	681.9026	0	437.824	6.946108	690.9011	0
810 VIRGINIA B 020 - BAYS	755.927	849.1885	1.379747	732.546	13.89222	861.8602	1.32
810 VIRGINIA B 021 - DAVI	1096.603	428.1384	0	1081.783	22.22754	422.4528	0
810 VIRGINIA B 022 - POIN	672.8768	938.5021	0	676.3274	8.335329	938.1561	0
810 VIRGINIA B 023 - ARRC	842.3671	1110.041	0	822.8366	19.4491	1119.005	0
810 VIRGINIA B 024 - LARK	691.5207	718.7622	0	674.6238	11.11377	721.9846	2.64
810 VIRGINIA B 025 - AVAL	1184.738	1475.802	1.379747	1166.963	18.05988	1476.465	2.64
810 VIRGINIA B 026 - FAIRF	840.6722	1070.346	1.379747	838.1689	16.67066	1065.316	3.96
810 VIRGINIA B 027 - EDWI	813.5538	1139.812	4.139241	805.8006	11.11377	1140.199	2.64
810 VIRGINIA B 028 - THAL	550.8437	856.2769	2.759494	570.7044	8.335329	843.4927	0
810 VIRGINIA B 029 - HOLL	837.2824	656.3844	0	812.615	13.89222	669.7078	0
810 VIRGINIA B 030 - RED \	520.3354	839.2647	2.759494	529.8182	5.556886	832.1896	0
810 VIRGINIA B 031 - SIGM	679.6564	1529.673	0	664.4022	5.556886	1544.284	0
810 VIRGINIA B 032 - CREE	254.2356	1006.551	1.379747	243.6141	2.778443	1022.929	0
810 VIRGINIA B 033 - CAPP	271.1846	1050.499	0	250.4285	1.389222	1078.032	0
810 VIRGINIA B 034 - BLAC	166.1006	650.7137	1.379747	168.6559	0	658.4047	0
810 VIRGINIA B 035 - COUF	449.1495	914.4016	1.379747	458.2672	5.556886	904.2468	1.32
810 VIRGINIA B 036 - WINC	1101.687	849.1885	2.759494	1078.376	30.56287	847.7314	0
810 VIRGINIA B 037 - CHES	640.6736	755.6218	0	642.2555	5.556886	768.6098	2.64
810 VIRGINIA B 038 - WITC	752.5372	1311.351	0	749.582	2.778443	1321.048	0
810 VIRGINIA B 039 - PEME	972.8747	1010.804	5.518987	967.6422	22.22754	1014.452	2.64
810 VIRGINIA B 040 - BONN	598.301	646.4607	0	591.1476	15.28144	644.2758	0
810 VIRGINIA B 041 - COLLI	1574.566	554.3117	2.759494	1557.086	22.22754	562.3285	3.96
810 VIRGINIA B 042 - BRAN	977.9594	888.8834	0	943.7918	18.05988	905.6597	0
810 VIRGINIA B 043 - BELL	961.0104	588.3359	1.379747	933.5703	25.00599	597.6506	0
810 VIRGINIA B 044 - CENT	857.6213	1165.33	1.379747	843.2797	8.335329	1175.521	1.32
810 VIRGINIA B 045 - TIMB	1023.722	576.9945	1.379747	1003.418	22.22754	583.5218	0
810 VIRGINIA B 046 - GREE	911.8582	548.641	0	899.4984	9.724551	551.0254	1.32
810 VIRGINIA B 047 - KING	815.2487	1558.027	0	843.2797	5.556886	1531.568	0
810 VIRGINIA B 048 - WOLI	783.0455	1161.077	1.379747	812.615	6.946108	1128.896	2.64
810 VIRGINIA B 049 - LYNN	554.2335	982.4501	0	567.2973	2.778443	976.304	2.64
810 VIRGINIA B 050 - OCEA	647.4532	389.8611	0	632.0339	11.11377	406.9111	0
810 VIRGINIA B 051 - STRA	650.843	914.4016	0	645.6626	5.556886	925.4401	0
810 VIRGINIA B 052 - HOM	1030.501	1226.291	1.379747	1028.972	20.83832	1220.733	0

810 VIRGINIA B 053 - SHAN	633.894	840.6824	0	611.5907	16.67066	853.3829	1.32
810 VIRGINIA B 054 - CRO	537.2845	608.1834	1.379747	517.893	11.11377	611.7795	2.64
810 VIRGINIA B 055 - MAG	1018.637	596.842	1.379747	1037.49	15.28144	583.5218	1.32
810 VIRGINIA B 056 - EDIN	455.9291	589.7536	0	456.5636	5.556886	590.5862	0
810 VIRGINIA B 057 - SHER	447.4546	747.1157	2.759494	448.0456	6.946108	748.8294	0
810 VIRGINIA B 058 - GLEN	908.4684	964.0203	0	901.2019	15.28144	967.8266	0
810 VIRGINIA B 059 - SHEL	562.708	688.991	0	555.3721	9.724551	700.7913	0
810 VIRGINIA B 060 - FOXF	676.2666	1458.79	0	681.4381	6.946108	1462.337	0
810 VIRGINIA B 061 - BAKE	1244.059	235.3344	4.139241	1228.292	25.00599	235.9519	2.64
810 VIRGINIA B 062 - LAND	842.3671	1139.812	1.379747	839.8725	9.724551	1144.437	0
810 VIRGINIA B 063 - CULV	984.739	1290.086	2.759494	982.9745	16.67066	1284.313	1.32
810 VIRGINIA B 064 - ROSE	693.2156	829.341	0	689.9561	9.724551	826.5381	1.32
810 VIRGINIA B 065 - COLO	883.0448	954.0966	2.759494	889.2768	15.28144	948.0462	1.32
810 VIRGINIA B 066 - HUN	611.8602	1040.575	0	613.2943	5.556886	1046.948	1.32
810 VIRGINIA B 067 - EAST	483.0475	408.2909	0	483.8211	11.11377	398.4337	0
810 VIRGINIA B 068 - MAN	764.4016	1022.145	0	783.6539	4.167665	1015.865	1.32
810 VIRGINIA B 069 - SHEL	828.8079	442.3152	0	826.2438	16.67066	435.1688	2.64
810 VIRGINIA B 070 - CORP	779.6557	965.438	0	766.6179	9.724551	983.3684	0
810 VIRGINIA B 071 - ROU	499.9966	500.4399	8.278481	509.375	4.167665	502.9873	2.64
810 VIRGINIA B 072 - RUDE	679.6564	1134.142	0	662.6986	9.724551	1155.74	1.32
810 VIRGINIA B 073 - DAHL	889.8244	472.0864	1.379747	908.0163	11.11377	456.3621	1.32
810 VIRGINIA B 074 - BUCK	786.4353	518.8697	4.139241	783.6539	12.50299	515.7033	5.28
810 VIRGINIA B 075 - COLO	667.792	1314.186	1.379747	686.5489	8.335329	1306.919	3.96
810 VIRGINIA B 076 - VILLA	799.9945	453.6566	1.379747	781.9503	12.50299	467.6651	1.32
810 VIRGINIA B 077 - BRO	771.1812	793.8991	1.379747	742.7676	16.67066	803.9319	0
810 VIRGINIA B 078 - INDIA	842.3671	698.9147	0	846.6869	12.50299	695.1397	0
810 VIRGINIA B 079 - PLEA	798.2996	462.1627	0	805.8006	4.167665	462.0136	0
810 VIRGINIA B 080 - CHIM	862.706	479.1748	0	841.5761	11.11377	491.6842	1.32
810 VIRGINIA B 081 - ROCK	972.8747	805.2405	0	950.6062	16.67066	810.9963	0
810 VIRGINIA B 082 - SHEL	549.1488	939.9198	0	557.0757	5.556886	936.7432	0
810 VIRGINIA B 083 - STRA	798.2996	1304.263	1.379747	798.9862	18.05988	1297.029	1.32
810 VIRGINIA B 084 - TALL	949.1461	714.5092	1.379747	955.717	4.167665	714.9201	1.32
810 VIRGINIA B 085 - UPTC	744.0627	1321.275	1.379747	727.4352	9.724551	1333.764	0
810 VIRGINIA B 086 - HAY	869.4856	982.4501	1.379747	865.4264	6.946108	990.4328	1.32
810 VIRGINIA B 087 - HILL	744.0627	959.7673	0	744.4712	8.335329	960.7622	0
810 VIRGINIA B 088 - NOR	649.1481	894.5541	4.139241	649.0698	6.946108	892.9437	1.32
810 VIRGINIA B 089 - LAKE	786.4353	1026.398	4.139241	773.4323	11.11377	1035.645	3.96
810 VIRGINIA B 090 - LAKE	464.4036	751.3688	1.379747	465.0815	11.11377	747.4165	0
810 VIRGINIA B 091 - LEX	930.5021	643.6253	0	931.8667	12.50299	640.0372	0
810 VIRGINIA B 092 - LIT	594.9112	978.1971	2.759494	608.1835	6.946108	966.4138	2.64
810 VIRGINIA B 093 - NEW	1142.365	223.993	0	1112.448	15.28144	237.3648	0
810 VIRGINIA B 094 - PIN	427.1157	571.3238	0	422.4917	11.11377	563.7414	0
810 VIRGINIA B 095 - DAM	503.3864	735.7743	0	505.9678	15.28144	723.3974	0
810 VIRGINIA B 096 - HILL	638.9787	473.5041	1.379747	621.8123	16.67066	473.3167	2.64
810 VIRGINIA B 097 - INDIA	898.2989	592.5889	2.759494	867.13	16.67066	610.3666	1.32
810 VIRGINIA B 098 - INDE	598.301	313.3066	1.379747	574.1116	8.335329	329.2023	2.64
810 VIRGINIA B 099 - SALE	684.7411	474.9218	0	667.8094	8.335329	487.4455	0

810 VIRGINIA B 100 - SAND	296.6081	715.9268	0	282.7968	2.778443	726.2232	0
820 WAYNESBC 001 - WARI	591.3662	702.1693	0	554.7814	27.26087	717.0688	2.571429
820 WAYNESBC 002 - WARI	963.4178	1088.74	0	936.5665	15.78261	1115.608	2.571429
820 WAYNESBC 003 - WARI	830.2625	1058.539	8.25	781.4663	43.04348	1083.906	3.857143
820 WAYNESBC 004 - WARI	1031.954	1511.552	2.75	1002.186	12.91304	1556.417	0
830 WILLIAMSE 001 - STRYI	1778.423	1020.173	1	1759.286	19.04762	1028.107	3
830 WILLIAMSE 002 - MATC	1430.577	680.8269	1	1425.714	20.95238	674.8926	0
840 WINCHEST 101 - MERF	939.0278	858.2529	0	930.5048	10.58824	864.1253	0
840 WINCHEST 102 - OLD 1	664.8889	635.1691	0	632.0801	0	665.0679	0
840 WINCHEST 201 - VIRGI	836.7372	548.4143	2	804.0888	28.23529	564.7676	5
840 WINCHEST 301 - WAR	765.1337	740.5142	0	758.4961	8.823529	759.1958	0
840 WINCHEST 401 - FRED	425.5289	419.8313	1	416.5512	3.529412	427.4334	0
840 WINCHEST 402 - ROLL	789.6835	828.8182	0	752.279	8.823529	856.4099	0

GE21LTGD	GE21LTGR	GE21LTGW	GE21SLLD	GE21SLLI	GE21SLLL	GE21SLLR	GE21SLLW
700.9566	1294.616	0	601.5879	0	0	1406.685	0
156.9627	535.8863	0	102.8168	0	0	587.8077	0
335.4271	907.2926	1.25	317.2009	0	0	939.141	1.125
473.0382	562.4153	0	463.7696	0	0	586.4564	0
139.7613	366.1005	1.25	122.5052	0	0	393.2231	1.125
223.6181	478.8489	0	168.4446	0	0	525.6487	0
49.45399	168.4593	0	41.56425	0	0	178.3692	0
240.8194	210.9057	1.25	229.6972	0	0	229.7179	0
245.1198	118.0542	0	229.6972	0	0	136.4795	1.125
313.9253	530.5805	0	293.1374	0	0	562.1333	0
17.20139	210.9057	0	13.12555	0	0	221.6103	0
477.3385	697.7133	1.25	413.4549	0	0	770.2308	0
212.8672	360.7947	0	175.0074	0	0	397.2769	0
344.0278	399.2618	0	339.0768	0	0	416.1949	2.25
150.5122	363.4476	0	118.13	0	0	390.5205	0
872.9705	632.7172	0	813.7843	0	0	690.5051	3.375
1402.218	705.2735	2.777778	1446.105	0	0	721.6773	3.130435
460.623	171.5159	0	459.0217	0	0	182.6285	1.565217
1084.036	377.335	6.944444	1113.967	0	0	385.8764	7.826087
1696.351	565.3165	0	1712.935	0	0	593.5427	1.565217
1489.163	1063.399	1.388889	1241.11	0	0	1147.874	2.533333
1239.427	783.4848	1.388889	1245.544	0	0	812.1802	0
908.2968	207.1912	0	903.1159	0	0	228.2857	3.130435
1259.776	396.5448	0	1268.841	0	0	427.1151	3.130435
1959.035	1031.84	2.777778	1988.369	0	0	1040.161	5.333333
1252.377	906.9762	0	1410.562	25.5	0	823.684	0
458.7731	246.9829	0	468.955	0	0	247.9287	0
1022.99	529.6412	0	1167.777	24	0	454.3069	1
734.407	536.5018	2.777778	822.6608	16.5	0	488.0092	0
345.9297	262.0763	0	360.1574	0	0	259.3277	0
484.6716	761.5307	1.388889	428.4573	0	0	753.4961	2.533333
438.4243	614.7131	2.777778	385.9656	0	0	615.0722	1.266667
1476.213	488.4774	2.777778	1517.011	0	0	499.2828	1.565217
886.0981	1070.259	1.388889	777.2427	0	0	1078.662	1.266667
701.1089	236.0059	2.777778	714.6558	0	0	245.9594	3.130435
619.7137	489.8495	0	548.8502	0	0	496.2366	2.533333
647.462	616.0852	1.388889	547.0797	0	0	645.1076	1.266667
1363.37	734.0882	1.388889	1110.094	0	0	846.214	1.266667
897.1974	418.4989	0	932.971	0	0	427.1151	3.130435
1444.765	1005.769	4.166667	1152.585	0	0	1132.203	3.8
923.0959	546.1067	2.777778	939.3596	0	0	552.2348	7.826087
1435.516	1059.282	0	1481.898	0	0	1078.632	10.66667
641.9124	617.4574	2.777778	563.0141	0	0	629.437	1.266667
1346.721	1254.124	4.166667	1090.619	0	0	1348.98	1.266667
1296.774	817.788	1.388889	1358.094	0	0	823.5792	7.111111
1644.554	950.8843	2.777778	1676.983	0	0	973.1913	8.888889

128.6082	501.729	1.2	96.09007	0	5.902778	527.0869	2
37.7437	198.4366	0	31.55196	0	2.361111	206.0534	0
75.4874	280.7427	0	50.1963	0	7.083333	294.8499	0
92.26238	360.7939	2.4	61.66975	0	3.541667	383.6464	2
60.11034	316.8221	0	38.72286	0	3.541667	331.2793	0
162.1581	485.9443	0	117.6028	0	9.444444	515.7028	0
99.25195	326.9695	0	67.40647	0	4.722222	350.6323	0
125.8123	386.726	1.2	93.22171	0	5.902778	410.9684	1
90.86447	158.9748	1.2	70.27483	0	3.541667	176.4546	0
163.556	589.6725	0	127.642	0	9.444444	613.6066	1
329.9079	513.0038	0	262.455	0	9.444444	563.5163	0
243.2372	311.1847	0	225.1663	0	20.06944	314.203	0
258.1801	866.7242	3.5	232.7719	0	16.82353	878.7199	1.2
361.8291	958.341	1.166667	307.8596	0	19.41176	972.6065	1.2
280.7945	936.5275	1.166667	257.1754	0	20.70588	938.866	1.2
243.1039	836.1852	0	223.386	0	14.23529	842.0455	0
488.0924	1089.222	1.166667	476.807	0	16.82353	1076.762	2.4
483.7163	499.5704	2.222222	451.0341	0	0	499.7699	8.666667
304.6896	864.3362	0	307.6056	0	0	932.0262	3
127.3844	515.4298	2.222222	129.4194	0	0	555.5772	0
587.0009	1141.875	0	624.5894	0	0	1214.713	0
184.1909	671.3804	0	187.5644	0	0	722.1104	0
223.7833	631.7319	0	228.8286	0	0	675.9289	3
488.8805	1608.405	2.222222	478.3952	0	0	1711.23	3
111.8917	395.1629	0	121.9169	0	0	422.6305	0
599.0507	1432.631	1.111111	593.8362	0	0	1524.138	0
142.877	426.8816	0	150.0515	0	0	454.8176	0
750.5348	1436.595	2.222222	696.7588	0	0	1432.058	4.333333
84.36321	469.46	1.333333	86.85489	15.30275	0	448.7507	0
225.5425	736.1677	0	238.4252	7.651376	0	714.7275	0
103.3019	272.1507	0	100.4792	5.100917	0	265.9768	1.4
134.2925	1058.666	0	144.7582	19.12844	0	1028.444	1.4
106.7453	685.8199	1.333333	124.3217	16.57798	0	654.7122	1.4
191.1085	762.0221	1.333333	207.7705	22.95413	0	725.6394	1.4
237.5943	873.6039	2.666667	245.2373	25.50459	0	832.0301	1.4
272.0283	768.8258	1.333333	265.6738	20.40367	0	748.8271	0
105.0236	295.2835	0	100.4792	6.376147	0	291.8925	0
1347.177	319.4983	3.079646	1127.757	57.82772	0	289.3511	0
1554.435	426.9793	9.238938	1575.691	0	0	410.3289	8.145455
958.0793	376.9197	3.079646	832.075	0	0	392.0281	0
1712.811	449.0645	6.159292	1701.905	0	0	459.4528	2.036364
1597.451	410.7835	4.619469	1609.217	0	0	400.2151	6.109091
1139.919	354.8345	0	1295.043	0	0	384.7743	2.576923
1552.48	472.6219	0	1735.625	0	0	524.8386	0
1867.277	506.4858	7.699115	1594.773	88.18727	0	436.8089	4
1724.543	456.4262	1.539823	1496.181	66.50187	0	375.6	4
1437.119	431.3963	3.079646	1624.367	0	0	470.1008	5.153846

1284.608	366.6133	0	1287.768	0	0	349.6464	4.072727
1843.814	518.2646	6.159292	1639.417	0	0	495.9225	6.375
1087.127	350.4175	0	1096.476	0	0	330.8638	6.109091
1061.708	301.8302	1.539823	1084.644	0	0	274.5158	8.145455
891.6003	263.5493	0	893.352	0	0	254.2883	0
1419.522	444.6474	9.238938	1615.466	0	0	479.7604	10.30769
1800.798	558.0178	6.159292	1847.838	0	0	512.9111	8.145455
1699.124	559.4901	4.619469	1713.737	0	0	546.142	6.109091
1360.864	419.6176	3.079646	1542.036	0	0	455.6114	7.730769
1114.5	469.6772	3.079646	1232.738	0	0	518.3988	7.730769
883.7793	260.6046	0	752.4145	44.81648	0	212.84	4
1691.303	450.5368	4.619469	1519.288	0	0	415.5775	8.5
1726.498	446.1198	3.079646	1763.039	0	0	417.553	10.18182
2039.34	513.8475	6.159292	2291.914	0	0	569.9167	5.153846
1460.582	401.9495	3.079646	1475.115	0	0	385.7669	4.072727
1761.693	440.2304	6.159292	1535.963	85.29588	0	353.3422	6
1642.422	426.9793	4.619469	1500.492	50.59925	0	355.6033	4
1755.827	391.6431	4.619469	1515.207	80.9588	0	314.3911	8
1591.585	452.0091	7.699115	1619.077	0	0	427.6667	6.109091
1446.895	326.86	0	1276.51	63.61049	0	253.1822	4
1781.245	466.7326	0	1814.313	0	0	445.0046	0
580.7134	259.1323	1.539823	496.4184	0	0	267.3549	0
1298.295	634.5796	1.539823	1481.956	0	0	679.3923	2.576923
1399.969	503.5411	4.619469	1582.088	0	0	542.5478	7.730769
1065.619	640.469	6.159292	1199.361	0	0	693.8817	2.576923
1468.403	513.8475	1.539823	1664.419	0	0	553.8174	2.576923
1454.716	518.2646	6.159292	1475.115	0	0	489.794	2.036364
1263.1	267.9663	6.159292	1091.433	46.26217	0	226.7511	6
973.7214	259.1323	0	984.0676	0	0	254.2883	2.036364
1691.303	532.988	4.619469	1658.519	0	0	544.6971	0
1048.021	287.1068	6.159292	1059.007	0	0	271.6262	10.18182
1200.532	263.5493	0	1068.801	0	0	252.117	2.125
1136.008	238.5195	1.539823	1004.949	34.69663	0	187.8	8
1030.424	267.9663	1.539823	1179.335	0	0	280.1286	2.576923
1042.156	306.2472	1.539823	1070.839	0	0	275.9606	6.109091
1669.795	544.7667	3.079646	1684.156	0	0	507.1318	10.18182
1173.158	248.8259	1.539823	1013.597	43.37079	0	212.84	0
860.3161	323.9153	1.539823	867.715	0	0	299.0777	2.036364
1071.485	312.1366	1.539823	1094.504	0	0	291.8536	2.036364
1255.279	425.507	1.539823	1419.652	0	0	458.8313	10.30769
549.4291	114.8427	0	538.3777	0	0	119.9201	0
1149.695	270.911	0	994.5709	50.59925	0	223.9689	0
1697.169	457.8985	3.079646	1449.479	59.27341	0	411.7689	0
674.566	200.2386	6.159292	692.1999	0	0	182.0473	8.145455
229.1245	612.6964	0	200.7582	0	0	591.3976	1.090909
314.8134	766.2102	1.375	277.57	0	0	730.55	2.181818
322.2646	1086.823	1.375	331.2717	0	0	1175.825	1.333333

309.225	1482.155	0	325.3561	0	0	1595.553	1.333333
208.6337	997.16	2.75	224.7915	0	0	1070.527	0
435.8954	1366.68	0	445.6393	0	0	1482.943	2.666667
517.8587	1612.573	2.75	518.5979	0	0	1772.512	0
122.9449	623.5646	0	99.50622	0	0	599.1283	1.090909
137.8473	971.348	1.375	115.2177	0	0	930.2594	1.090909
173.2405	725.4543	0	144.895	0	0	699.6272	2.181818
195.5941	859.9486	0	165.8437	0	0	827.1836	1.090909
169.5149	847.7219	1.375	136.1664	0	0	820.7413	0
113.6309	724.0958	0	94.84615	0	0	707.3974	0
80.10044	343.7077	0	73.32037	0	0	329.8427	0
324.1274	869.4583	0	291.5358	0	0	836.2027	1.090909
288.7341	1363.963	1.375	273.8012	0	0	1317.495	3.6
176.9661	770.2857	0	166.4282	0	0	746.8434	0
173.2405	838.2122	0	157.4804	0	0	813.9015	1.8
257.0665	1294.678	1.375	237.1701	0	0	1240.451	1.8
249.6153	1065.086	0	240.9098	0	0	1001.124	1.090909
460.1118	1994.32	0	408.0174	0	0	1949.945	1.8
452.6606	1281.093	0	394.5334	0	0	1236.91	1.090909
285.0085	1056.935	1.375	291.8346	0	0	1134.876	2.666667
610.9987	1562.308	2.75	660.5715	0	0	1670.139	2.666667
586.7823	1142.523	4.125	634.9374	0	0	1222.624	5.333333
96.97987	240.0945	0	95.64639	0	0	240.9985	0
14.26174	59.15373	0	13.24335	0	0	56.77368	0
88.42282	185.5803	0	70.63118	0	0	201.6045	0
35.65436	279.5304	0	32.37262	0	0	280.3925	1
9.983221	68.43274	0	10.30038	0	0	67.2015	0
69.88255	366.5211	0	63.27376	0	0	373.0842	0
109.8154	309.6872	0	101.5323	0	0	320.9451	0
352.9243	1489.333	2.352941	297.8012	0	51.19527	1466.624	4.153846
208.7981	672.2124	2.352941	191.181	0	10.97041	668.233	0
275.3179	1011.673	1.176471	252.4439	0	20.3	984.8475	5.333333
256.8402	960.6867	1.176471	220.5935	0	59.72781	920.4977	2.076923
116.4096	449.4833	0	108.4585	0	6.094675	441.4632	0
182.9294	794.3108	1.176471	153.3363	0	16.49375	777.5806	0
364.0109	1336.374	2.352941	332.852	0	13.95625	1313.57	4
120.1051	483.0269	0	91.6278	0	13.95625	479.222	1.333333
365.8587	1129.746	1.176471	316.0224	0	11.41875	1137.987	1.333333
276.2786	1425.526	0	261.7937	0	17.7625	1456.148	1.333333
179.2338	747.3499	3.529412	163.6068	0	13.40828	744.7175	2.076923
129.344	629.2766	1.176471	123.417	0	10.15	616.5198	1.333333
165.0721	597.4248	1.444444	170.1659	0	6.34375	605.9584	1.333333
114.5618	536.6965	0	93.49776	0	6.34375	528.0683	1.333333
128.5825	843.652	0	106.5874	0	16.49375	860.7514	1.333333
417.0243	1564.19	1.444444	395.7113	0	0	1585.895	5.7
283.229	769.7839	1.444444	265.5336	0	19.03125	778.9008	9.333333
533.4436	1762.468	4.333333	504.8879	0	38.0625	1798.073	2.666667

264.1154	1297.228	0	246.8341	0	12.6875	1333.373	1.333333
97.30568	406.9228	0	97.62041	0	0	405.9681	1.9
121.6321	541.6998	1.444444	111.5662	0	0	548.7118	1.9
152.9089	727.0181	0	148.1738	0	0	732.0522	1.9
597.7349	1212.993	1.444444	587.4657	0	0	1221.833	3.8
582.0965	1989.256	0	563.0606	0	0	2021.983	0
234.5762	975.8371	1.444444	211.4021	0	15.84615	1015.768	0
262.3835	1125.721	1.176471	248.1677	0	6.094675	1123.114	0
68.36754	268.3483	1.176471	55.78309	0	0	265.8437	1.9
364.0109	1081.443	0	347.4347	0	10.97041	1066.693	12.46154
301.1867	1598.014	1.176471	259.1973	0	14.62722	1599.465	0
136.7351	629.2766	0	116.7959	0	0	616.8097	0
129.344	575.607	0	109.823	0	0	570.9745	1.9
465.6384	971.4207	0	430.1573	0	17.06509	955.3531	6.230769
44.63934	266.0432	0	0	0	0	279.878	4.25
58.9877	318.0144	0	0	0	0	329.6341	17
33.47951	84.14388	0	0	0	0	97.02439	2.125
97.25	508.5755	0	0	0	0	544.8293	4.25
31.88525	325.4388	1	0	0	0	325.9024	8.5
20.72541	163.3381	0	0	0	0	170.4146	6.375
102.0328	570.446	0	0	0	0	598.3171	8.5
577.0689	1320.692	1.384615	512.4793	0	38.97541	1338.575	4.65
400.2565	1493.077	1.384615	305.0947	0	61.06148	1496.631	4.65
441.0594	1455.541	2.769231	376.8817	0	28.58197	1484.042	1.55
464.3753	1419.396	0	386.8521	0	35.07787	1449.074	3.1
326.4228	1274.815	2.769231	201.4024	0	33.77869	1345.569	3.1
359.4537	1152.477	1.384615	251.2544	0	32.47951	1198.703	6.2
221.5012	885.5587	0	145.568	0	20.78689	923.1555	1.55
390.5416	1498.638	2.769231	287.1479	0	48.06967	1530.2	6.2
295.3349	918.9235	1.384615	121.6391	0	15.59016	980.2128	18.17647
613.9857	1520.881	4.153846	107.6805	0	2.598361	1765.836	84.82353
184.733	182.1204	1	187.1684	0	0	182.3156	0
179.6486	353.2862	0	173.6787	0	0	357.7253	0
262.6937	446.4004	0	257.9888	0	0	450.2643	0
98.2983	116.3927	0	97.79968	0	0	120.1625	0
342.3493	130.086	0	340.6127	0	0	128.4496	0
276.2521	180.7511	0	276.537	0	0	179.5532	0
89.82431	89.00621	0	89.36867	0	0	91.15779	0
269.4729	394.366	0	263.0474	0	0	400.5418	1
138.9735	161.5805	1	134.8961	0	0	165.7414	1
155.9214	160.2112	0	156.8167	0	0	157.4544	1
447.4268	386.15	0	448.5296	0	0	393.6359	0
235.577	106.8075	0	242.813	0	0	103.5884	0
511.8291	158.8419	1	495.7432	0	0	175.4097	2
16.19344	270.4348	0	0	0	0	265.692	2.741573
61.82951	490.31	0	0	0	0	490.875	5.483146
25.02623	62.31758	1.230769	0	0	0	69.10376	0

42.6918	346.862	2.461538	0	0	0	349.0931	5.483146
42.6918	333.9282	1.230769	0	0	0	337.1787	4.11236
69.19016	368.0265	1.230769	0	0	0	375.3049	15.07865
48.58033	311.5879	1.230769	0	0	0	314.5412	13.70787
76.55082	499.7164	0	0	0	0	498.0236	9.595506
14.72131	54.08696	0	0	0	0	58.38076	0
85.38361	324.5217	1.230769	0	0	0	331.2215	5.483146
27.97049	77.60302	0	0	0	0	73.86953	2.741573
64.77377	348.0378	1.230769	0	0	0	361.0076	6.853933
45.63607	233.9849	1.230769	0	0	0	234.7145	2.741573
63.30164	348.0378	1.230769	0	0	0	358.6247	15.07865
73.60656	189.3043	0	0	0	0	194.2054	1.370787
86.85574	391.5425	1.230769	0	0	0	400.3252	24.67416
52.99672	325.6975	2.461538	0	0	0	328.8386	6.853933
373.4123	547.15	0	361.9303	7.567568	0	552.5994	1.333333
93.35309	187.3615	0	96.75365	3.027027	0	182.8353	0
228.8066	290.5462	0	225.7585	9.081081	0	286.533	0
245.2807	424.9577	0	252.6345	7.567568	0	409.3329	0
100.6749	396.4462	2	94.96191	3.027027	0	401.1462	0
283.7202	628.6115	0	284.8857	10.59459	0	613.9993	1.333333
84.20082	287.8308	0	82.41977	1.513514	0	285.1686	0
237.9588	353	0	227.5502	7.567568	0	360.2129	1.333333
373.4123	423.6	0	379.8476	1.513514	0	414.7906	0
203.1802	343.4962	2	204.2577	4.540541	0	338.3818	0
427.7928	1503.547	2.615385	342.465	0	39.21569	1488.93	0
354.5056	1593.58	1.307692	302.2407	10.6	29.41176	1542.886	1.5
371.5491	1073.962	2.615385	320.6413	0	24.5098	1058.683	3
386.8883	1746.636	0	404.3343	89.34286	0	1655.671	1.45
190.8876	666.2425	0	190.3741	68.14286	0	599.6004	1.45
139.757	550.486	1.307692	129.7239	59.05714	0	506.7591	1.45
572.6628	1269.462	3.923077	586.2847	175.6571	0	1107.649	2.9
177.2528	1106.117	1.307692	210.5908	69.65714	0	1018.676	1.45
369.8448	1592.294	0	374.0092	127.2	0	1472.567	7.25
371.5491	1463.675	0	347.8837	18.17143	18.38235	1408.013	5.85
308.488	897.7553	1.307692	318.4133	77.22857	0	817.5197	1.45
308.488	920.9066	1.307692	277.424	18.17143	13.48039	895.8484	1.45
369.8448	1407.083	0	384.1176	60.57143	0	1334.594	2.9
236.9052	745.9858	0	0	0	0	854.5718	24.89362
317.0098	960.7782	1.307692	47.17233	12.11429	0	1045.682	39.41064
146.5744	559.4893	0	30.32507	9.085714	0	593.348	16.59574
317.5519	749.8978	0	285.717	0	0	794.6427	0
285.6371	637.2894	1.571429	269.1086	0	0	659.1197	0
478.7214	486.3199	1.571429	484.291	0	0	488.429	0
510.6362	744.948	1.571429	516.5771	0	0	752.5793	2.25
244.1479	337.8253	0	243.6113	0	0	341.0435	0
505.849	897.155	0	384.4444	0	0	915.6689	2.25
765.9542	669.4633	1.571429	771.637	0	0	671.5898	0

319.1476	247.491	1.571429	313.1749	0	0	254.1824	0
517.0191	433.1093	0	524.6486	0	0	429.8673	0
272.8712	493.7446	0	276.2233	0	0	493.2969	2.25
528.1893	695.4498	3.142857	537.563	0	0	696.5097	2.25
346.2751	512.3065	0	339.0037	0	0	522.0708	0
83.35977	405.8582	0	0	0	0	427.3495	7.625
98.07032	610.6045	0	0	0	0	623.832	18.3
63.74571	354.9744	1.428571	0	0	0	367.1767	6.1
114.4154	497.9334	0	0	0	0	531.7308	7.625
258.2518	897.734	0	0	0	0	973.8165	22.875
111.1464	439.7806	0	0	0	0	455.5938	9.15
130.7604	569.4129	0	0	0	0	611.5518	13.725
227.1962	1125.499	1.428571	0	0	0	1191.175	50.325
86.62878	506.4141	1.428571	0	0	0	529.2748	9.15
63.74571	255.6301	0	0	0	0	273.8475	4.575
192.8716	961.9444	1.428571	0	0	0	1035.217	19.825
135.6639	844.4273	1.428571	0	0	0	878.0313	16.775
49.03516	144.1705	0	0	0	0	168.2382	1.525
62.1112	352.5514	0	0	0	0	370.8608	6.1
148.74	872.2922	0	0	0	0	924.6959	18.3
80.09076	403.4351	2.857143	0	0	0	433.4896	15.25
93.1668	477.3377	0	0	0	0	496.1184	16.775
616.1782	724.5251	0	664.7005	636.5743	0	0	5.818182
599.2966	390.8045	0	608.0856	348.2866	0	0	4.363636
584.5252	456.6704	0	589.214	414.1391	0	0	5.818182
215.4161	457.5869	0	0	0	0	551.0426	13.05983
260.5839	550.6338	2	0	0	0	646.4154	48.97436
158.0876	407.8769	2	0	0	0	456.9945	26.11966
225.8394	560.8308	0	0	0	0	676.8817	9.794872
198.0438	392.5815	0	0	0	0	450.3714	42.444444
177.1971	628.3854	0	0	0	0	698.0757	16.32479
192.8321	316.1046	2	0	0	0	372.2187	34.28205
762.2327	749.2915	1.571429	698.9341	686.4294	0	0	19.92453
1030.77	1175.971	6.285714	899.4151	0	0	1195.077	6.105263
1340.621	1947.811	0	1154.733	0	0	1939.088	12.21053
944.0118	1507.255	4.714286	793.0327	0	0	1527.968	6.105263
797.1241	523.7479	4.662162	769.9488	513.1229	0	0	11.62264
1582.304	1418.797	7.857143	1454.538	0	0	1376.503	9.157895
1123.725	1077.107	3.142857	1009.666	0	0	1053.599	9.157895
999.7849	1543.679	1.571429	907.152	0	0	1499.672	1.526316
1543.056	1874.963	6.285714	1311.405	0	0	1920.779	7.631579
824.2029	1004.259	0	754.3482	0	0	978.6984	0
559.7969	825.6083	0	554.4369	0	0	915.5545	0
894.4357	839.484	1.571429	812.375	0	0	820.5754	3.052632
846.9252	735.4158	1.571429	856.857	0	0	801.821	1.692308
632.0954	832.5461	0	638.4425	0	0	911.7634	1.692308
1523.179	707.7227	6.216216	1463.276	677.9339	0	0	28.22642

497.8268	553.2963	3.142857	504.0335	0	0	595.2052	6.769231
751.0254	649.7126	0	752.3845	0	0	673.3019	2.025641
1233.141	498.8865	0	1209.119	463.8495	0	0	13.28302
847.0644	198.8916	1.554054	921.9613	0	0	221.7803	5.076923
436.0173	187.2896	1.554054	470.4313	0	0	217.9892	6.769231
1148.627	416.015	1.554054	1119.416	392.4881	0	0	13.28302
809.7432	990.383	1.571429	725.3348	0	0	972.0406	3.052632
1690.287	959.6521	3.108108	1852.323	0	0	1084.259	5.076923
931.6178	1758.754	1.571429	924.0615	0	0	1941.051	3.384615
562.7888	669.6018	4.662162	554.5927	0	0	696.9859	4.051282
747.1838	276.7908	3.108108	812.7541	0	0	312.7671	5.076923
218.969	44.75062	0	209.3065	44.17615	0	0	1.660377
547.4226	275.1334	0	602.7401	0	0	307.0804	0
1260.032	314.9117	0	1386.092	0	0	348.7827	5.076923
1251.797	442.2901	6.285714	1278.985	0	0	466.3073	10.15385
305.4042	485.6271	0	300.566	0	0	499.0554	0
1020.442	1387.577	1.571429	1001.767	0	0	1552.462	3.384615
402.8059	1365.029	3.142857	408.5784	0	0	1339.858	3.636364
190.0418	719.8055	0	197.4131	0	0	784.761	0
653.0655	2123.168	0	673.3206	0	0	2207.528	3.636364
1817.059	2272.337	4.662162	1917.817	0	0	2366.061	5.454545
405.2848	316.5692	0	413.0358	0	0	319.7338	2.025641
843.2228	1435.335	0	792.2422	0	0	1433.631	1.863636
1125.578	1390.584	6.216216	1057.587	0	0	1401.085	5.590909
1386.804	1889.47	0	1358.942	0	0	1853.468	3.727273
212.7641	929.6765	3.142857	220.5147	0	0	1012.228	0
633.8577	1607.707	3.108108	630.2189	0	0	1661.262	0
956.5489	1382.297	3.108108	971.5067	0	0	1397.355	8.102564
1175.518	1674.005	0	1267.427	0	0	1721.701	5.454545
288.1171	522.0905	0	316.8568	0	0	531.8522	1.818182
1406.012	2215.984	1.554054	1364.628	0	0	2183.805	7.454545
647.3032	797.2239	0	626.3407	0	0	825.5561	2.025641
482.116	425.9596	1.554054	484.7838	0	0	439.8455	2.025641
1175.518	1317.657	0	1152.352	0	0	1298.567	0
1039.142	828.7151	3.108108	1031.62	0	0	854.3152	4.051282
825.9358	916.5589	4.662162	826.0716	0	0	947.3594	2.025641
841.3021	1002.745	3.108108	756.9543	0	0	1020.844	2.933333
489.7991	639.7681	1.554054	482.8447	0	0	663.1516	4.051282
1440.586	982.8561	1.554054	1421.386	0	0	1028.562	4.051282
772.1539	629.8235	1.554054	765.9584	0	0	647.9262	6.076923
685.7188	687.8335	0	682.5756	0	0	707.1362	2.025641
1044.905	1219.869	4.662162	964.716	0	0	1249.748	7.454545
1033.38	1113.793	1.554054	1021.924	0	0	1148.673	10.12821
1048.746	953.0224	3.108108	976.1211	0	0	947.0093	2.933333
1411.774	1736.987	4.662162	1423.325	0	0	1767.84	6.076923
956.5489	1070.7	3.108108	940.4806	0	0	1113.147	0
762.55	757.4456	1.554054	735.3827	0	0	755.0564	0

687.6396	793.9091	0	659.5701	0	0	792.4837	1.863636
1112.132	835.3448	4.662162	1078.159	0	0	877.9992	8.102564
691.4811	570.156	3.108108	696.1495	0	0	587.0245	2.025641
1102.528	1417.103	0	1042.424	0	0	1420.612	5.590909
1461.714	1907.702	3.108108	1318.684	0	0	1914.885	5.866667
1530.862	1087.274	3.108108	1390.512	0	0	1118.755	1.466667
1475.16	1019.32	4.662162	1329.735	0	0	1064.182	5.866667
1461.714	2073.445	3.108108	1318.684	0	0	2083.421	1.466667
973.8359	982.8561	1.554054	874.8255	0	0	1004.793	1.466667
993.0437	644.7404	0	928.2359	0	0	638.83	0
1010.331	1319.314	1.554054	931.9194	0	0	1311.367	0
802.8864	1110.478	1.554054	729.3282	0	0	1105.914	0
697.2435	318.2266	0	709.7235	0	0	309.5835	4.051282
1150.548	1466.826	1.554054	1109.185	0	0	1542.843	4.051282
1213.934	374.5792	3.108108	1304.187	0	0	432.1872	11.84615
783.6786	333.1435	3.108108	791.1672	0	0	338.3427	2.025641
804.8072	1251.36	0	773.2891	0	0	1238.358	1.863636
1002.648	1557.984	0	943.8675	0	0	1562.186	5.590909
485.2997	1005.621	1.8	463.9773	0	0	1031.245	6
543.2161	674.223	0	532.2093	0	0	689.9173	0
343.5043	644.2258	1.8	371.1851	0	0	610.8308	2
227.6715	351.3959	1.8	222.2412	0	0	355.8521	0
591.147	995.6217	0	629.3902	0	0	952.7002	0
389.438	627.0846	0	378.2	0	0	636.1764	0
191.7233	312.8281	3.6	200.7969	0	0	312.2784	0
63.98693	353.2472	0	54.44978	0	0	362.4449	0
72.71242	470.1582	3.2	51.50655	0	0	486.2066	3.333333
82.89216	279.0779	0	69.16594	0	0	282.8838	1.111111
55.26144	201.1372	0	38.26201	0	0	213.4257	0
47.9902	178.5093	1.6	39.73362	0	0	185.6425	1.111111
13.08824	31.42769	0	7.358079	0	0	34.0976	0
46.53595	182.2806	0	32.37555	0	0	189.4311	3.333333
62.53268	338.1619	3.2	44.14847	0	0	354.8677	1.111111
1061.523	1152.621	5.714286	1079.105	0	0	1165.657	4.384615
1007.799	850.1877	0	1024.558	0	0	845.3295	2.586538
320.4948	1003.351	0	296.7619	0	0	988.585	2.25
272.328	781.3939	0	279.4938	0	0	783.2582	1.461538
196.3725	238.8314	0	203.6048	0	0	238.6696	0
400.1554	1004.649	0	412.7624	0	0	1007.423	0
628.0216	1479.716	2.285714	642.2805	0	0	1484.762	8.769231
628.0216	1421.306	1.142857	620.6667	0	0	1382.494	0
427.9439	1286.315	1.142857	401.7143	0	0	1259.239	1.125
101.8914	214.1694	0	101.8024	0	0	216.2531	0
561.329	1082.529	1.142857	583.0501	0	0	1077.31	2.923077
259.36	295.9432	0	253.5805	0	0	303.2818	0
520.5725	1381.068	3.428571	496.4724	0	0	1349.576	4.5
264.9177	680.1502	0	262.8353	0	0	693.5923	0

122.2697	473.7687	1.142857	120.3119	0	0	486.5695	0
345.0871	691.4526	0	318.1512	0	13.88095	690.9928	0
224.0613	577.2678	1	221.3939	0	17.66667	565.5904	0
336.9097	357.7791	0	321.4312	0	5.047619	363.411	0
268.2194	586.1488	0	245.9932	0	7.571429	595.0216	0
346.7226	464.3517	1	346.0305	0	8.833333	452.9842	1
160.3503	651.4322	0	0	0	0	676.7833	33.34737
59.389	292.2062	1	0	0	0	297.7846	12.96842
27.71487	121.976	0	0	0	0	128.5888	1.852632
114.8187	355.2048	0	0	0	0	380.3522	7.410526
11.8778	203.7401	0	0	0	0	197.6207	3.705263
43.55193	355.2048	0	0	0	0	357.3416	16.67368
55.42974	249.3136	0	0	0	0	262.5919	12.96842
33.65377	213.1229	0	0	0	0	215.2171	14.82105
261.3116	646.0706	1	0	0	0	691.6725	24.08421
57.40937	171.5706	0	0	0	0	175.9636	16.67368
146.4929	536.1582	0	0	0	0	563.0837	31.49474
113.5283	494.2197	0	104.0672	0	0	504.7507	0
157.1931	623.6913	0	145.6941	0	0	639.3509	0
169.4192	1070.577	1.571429	159.5697	0	0	1076.802	0
387.7429	288.1788	0	385.0487	0	0	291.6337	1.75
557.1621	1007.93	4.714286	542.884	0	0	1027.729	3.5
146.7135	452.4546	1.571429	140.4908	0	0	462.6882	0
282.9475	572.1811	0	280.9815	0	0	574.855	0
464.5928	591.6714	0	450.958	0	0	608.505	0
361.544	750.3786	0	343.4218	0	0	766.9407	0
263.735	484.4745	0	258.4336	0	0	486.5236	0
204.351	300.7083	1.571429	202.9311	0	0	304.2525	1.75
144.9669	64.03973	0	145.6941	0	0	63.09384	0
971.1038	587.4949	1.571429	967.8252	0	0	588.8758	0
485.0538	505.9813	3	464.5557	0	0	518.9618	1.8
643.5176	452.2208	0	615.5363	0	0	468.0208	5.4
432.8767	1002.475	0	404.5506	0	0	1017.229	9
413.5519	746.3224	0	410.3575	0	0	749.7884	1.8
1196.743	643.0616	7.024291	1045.494	0	0	560.7342	4.222222
1804.154	954.5446	1.404858	1743.889	0	0	903.5027	4.953488
1382.943	657.4157	1.404858	1353.783	0	0	606.9074	6.27451
1142.51	674.6406	4.214575	1017.448	0	0	572.3892	9.851852
672.4901	321.5308	2.809717	658.7253	0	0	308.65	3.302326
1746.305	1066.506	9.834008	1522.277	0	0	950.5286	5.62963
1894.542	940.1906	11.23887	1693.669	0	0	795.1289	8.444444
997.8886	535.4062	2.809717	953.4183	0	0	520.4961	6.604651
925.5778	559.8081	0	832.0325	0	0	479.1493	1.407407
1213.013	572.7268	4.214575	1107.819	0	0	464.9043	2.814815
1160.588	677.5114	2.809717	1099.031	0	0	666.4034	3.302326
1842.117	821.0519	4.214575	1745.622	0	0	805.2959	8.255814
1784.268	1049.281	2.809717	1709.219	0	0	1014.336	4.953488

1247.361	920.0949	1.404858	1406.853	0	0	821.6092	1.590909
840.6127	552.6311	4.214575	892.3261	0	0	529.6821	3.181818
1749.921	958.8508	1.404858	1646.813	0	0	948.3973	4.953488
1297.978	767.9419	0	1267.18	0	0	726.7305	3.302326
1173.242	544.0187	4.214575	1119.833	0	0	521.8991	11.55814
2051.818	901.4346	2.809717	1990.044	0	0	843.1757	4.953488
1082.854	500.9565	2.809717	1001.828	0	0	490.049	2.391304
840.6127	463.636	2.809717	775.877	0	0	446.2694	2.391304
1218.436	620.0952	1.404858	1180.505	0	0	593.4498	0
1334.134	786.6022	2.809717	1343.886	0	0	794.5231	3.181818
1348.596	587.0808	2.809717	1369.073	0	0	585.3589	3.181818
423.018	175.1195	0	370.831	0	0	151.5148	0
571.2551	87.55973	2.809717	572.0961	0	0	88.78194	0
1608.915	648.8033	1.404858	1753.411	0	0	681.1478	4.404255
1335.941	815.3103	4.214575	1464.128	0	0	843.4703	2.93617
1668.571	977.5111	8.42915	1710.865	0	0	940.9143	10.4
390.4781	182.2965	0	433.062	0	0	183.385	0
1706.534	641.6262	2.809717	1867.55	0	0	656.8752	4.404255
1666.763	518.1814	7.024291	1820.32	0	0	523.3763	10.2766
1867.426	973.2049	1.404858	2081.049	0	0	947.9821	4.323529
1542.027	789.473	2.809717	1751.844	0	0	749.808	1.441176
708.6455	403.3489	0	787.7418	0	0	400.7849	0
1005.12	549.7603	4.214575	1122.826	0	0	536.8448	0
1482.371	777.9898	0	1719.179	0	0	942.0277	1.304348
1699.303	688.9946	5.619433	1794.738	0	0	746.3802	7.340426
1357.635	584.21	4.214575	1466.096	0	0	620.4665	4.404255
1140.702	259.8084	0	1227.978	0	0	282.1681	1.468085
1865.618	591.387	2.809717	2050.566	0	0	596.1939	7.340426
2406.141	786.6022	5.619433	2609.454	0	0	825.2659	8.808511
1746.305	533.9708	4.214575	1885.262	0	0	567.3703	2.93617
1740.882	990.4298	4.214575	1950.566	0	0	1258.816	1.304348
887.6147	453.5881	0	956.4062	0	0	482.4165	0
2048.888	1199.761	3.033708	1968.22	0	0	1096.073	6.933333
1330.518	849.76	2.809717	1460.192	0	0	885.9472	2.93617
1189.512	559.8081	1.404858	1283.08	0	0	597.711	1.468085
1390.174	564.1143	7.024291	1519.23	0	0	579.5066	2.93617
685.1445	333.0141	2.809717	676.0092	0	0	324.5514	10.4
1429.945	492.3441	2.809717	1540.877	0	0	509.723	4.404255
1032.236	575.5976	0	1141.39	0	0	588.6088	1.468085
973.1268	730.4875	4.550562	1094.22	0	0	816.9797	3.913043
1079.563	859.5758	4.550562	1247.757	0	0	928.6892	2.608696
948.2031	546.1348	6.086957	1168.927	0	0	592.5332	1.647059
697.5343	393.3394	1.516854	795.7963	0	0	438.5014	1.304348
669.0247	569.5069	3.033708	763.3589	0	0	618.5704	0
1026.922	527.5003	3.043478	1235.538	0	0	597.4573	6.588235
619.6081	657.5907	1.516854	668.2094	0	0	755.2894	1.304348
1189.727	603.4718	3.043478	1446.117	0	0	681.167	1.647059

1159.389	888.4308	10.61798	1286.681	0	0	1008.72	6.521739
867.6953	470.1633	4.565217	1063.637	0	0	510.4649	13.17647
767.8579	586.2125	1.516854	864.996	0	0	650.2492	2.608696
982.1953	523.2	0	1168.927	0	0	592.5332	1.647059
868.5917	490.5353	0	984.1332	0	0	521.9545	1.647059
1220.141	702.3781	9.130435	1256.133	0	0	715.7896	8.545455
323.8203	229.3479	0	393.5732	0	0	261.767	1.304348
910.6328	412.8263	0	935.0588	0	0	423.3634	0
642.2734	335.4214	1.521739	782.1495	0	0	377.5142	0
1505.872	822.4873	5.619433	1471.634	0	0	834.154	10.4
1379.328	701.9133	4.214575	1353.831	0	0	707.4651	10.4
1919.645	1091.935	6.067416	1812.357	0	0	1034.863	3.466667
916.1077	964.3651	0	992.5829	0	0	1097.087	1.304348
1056.755	625.6983	1.516854	1174.232	0	0	706.9376	1.304348
1287.132	612.9181	4.214575	1274.087	0	0	597.8578	6.933333
967.1565	281.3395	0	991.3594	0	0	261.9187	0
1592.735	961.3277	1.516854	1495.195	0	0	906.751	6.933333
910.4057	797.3097	3.033708	988.2579	0	0	922.02	2.608696
1144.184	1002.332	3.033708	1258.569	0	0	1140.437	2.608696
769.7585	560.3948	1.516854	852.021	0	0	631.9088	0
1643.262	625.8368	1.404858	1634.746	0	0	623.4803	1.733333
694.1563	395.6252	4.565217	831.571	0	0	451.3757	1.647059
1601.211	824.2192	7.608696	1540.885	0	0	810.1172	4
642.2734	226.4811	3.043478	611.1892	0	0	226.439	1.333333
610.0703	258.0164	1.521739	514.1774	0	0	230.5097	1.407407
1595.844	682.3101	0	1530.556	0	0	662.4396	2.666667
830.125	263.7501	3.043478	880.9022	0	0	280.4808	3.217391
1184.359	712.412	3.043478	1243.964	0	0	759.7639	6.434783
1318.539	335.4214	1.521739	1268.863	0	0	322.0779	1.333333
1472.398	705.2449	0	1263.63	0	0	635.8441	1.407407
1914.297	1010.564	4.565217	1830.124	0	0	980.2981	6.666667
1132.477	484.4975	6.086957	1098.419	0	0	452.878	1.333333
1001.875	215.0137	1.521739	1062.433	0	0	225.0011	6.434783
1182.57	675.143	6.086957	1037.703	0	0	593.1091	4.222222
1440.195	725.3129	3.043478	1266.746	0	0	631.9591	0
803.2891	427.1605	3.043478	716.7321	0	0	367.7795	1.407407
567.1328	187.7786	1.521739	528.5495	0	0	189.8712	0
1973.336	835.6866	0	1885.217	0	0	821.3689	2.666667
1506.391	602.0383	4.565217	1389.379	0	0	618.8396	2.666667
1619.102	603.4718	3.043478	1539.164	0	0	597.7427	1.333333
1280.969	646.4745	0	1227.543	0	0	627.2783	0
1316.75	587.7041	1.521739	1267.142	0	0	568.2072	2.666667
1194.935	411.9614	2.809717	1023.68	0	0	367.7795	1.407407
1397.258	553.3019	4.565217	1353.225	0	0	531.6394	4
1238.031	279.5178	1.521739	1289.824	0	0	309.7617	0
1302.438	301.0192	3.043478	1350.971	0	0	332.8783	1.608696
1057.336	389.8915	1.521739	905.2638	0	0	345.7645	7.037037

873.0625	325.3874	0	866.9897	0	0	296.3966	4.705882
658.028	281.3395	0	671.5617	0	0	251.2314	1.568627
703.2222	295.6935	1.404858	694.6577	0	0	276.6369	6.27451
1028.621	473.6838	2.809717	964.7037	0	0	462.9433	4.705882
1216.563	477.3304	1.521739	1004.112	109.9653	0	401.429	1
212.8984	91.73918	1.521739	207.8643	0	0	83.27334	0
1359.688	487.3644	1.521739	1350.23	0	0	464.3547	3.137255
1254.592	615.7889	2.809717	1241.856	0	0	584.3248	3.137255
704.8906	143.3425	1.521739	609.525	21.45665	0	129.7548	0
889.1641	441.4948	0	891.8623	0	0	412.1325	0
1171.434	489.4733	5.619433	1133.482	0	0	468.589	14.11765
714.0688	348.8035	0	701.7642	0	0	338.739	1.568627
1076.439	499.4815	5.619433	1076.631	0	0	464.3547	9.411765
581.4453	111.8071	0	505.2641	17.43353	0	86.50323	1
706.6797	335.4214	0	689.3279	0	0	326.0363	3.137255
577.8672	349.7556	4.565217	487.6895	0	0	304.3246	12.66667
631.5391	321.0871	1.521739	548.5725	42.91329	0	268.971	1
1014.158	566.9852	2.809717	984.2465	0	0	543.3938	9.411765
793.6107	457.8943	0	776.3821	0	0	438.9493	1.568627
949.9922	256.583	1.521739	822.8587	24.13873	0	217.6097	1
824.7578	530.3671	3.043478	806.5847	0	0	510.9313	3.137255
200.6624	106.22	0	206.5391	0	0	106.2046	0
1000.086	564.7693	3.043478	986.0231	0	0	544.8052	3.137255
1293.492	686.6104	1.521739	1293.686	0	0	709.9702	0
1663.828	566.2027	4.565217	1438.139	0	0	502.4593	4.222222
951.7813	528.9337	4.565217	814.8933	0	0	476.5593	1.407407
667.0668	377.5116	4.214575	593.6412	0	0	325.0445	0
797.2262	221.0524	1.404858	779.9354	0	0	211.7119	0
493.7813	176.3112	0	426.6675	16.09249	0	152.7323	0
710.2578	266.617	4.565217	675.1149	0	0	258.2885	4.705882
611.026	337.3203	2.809717	523.5261	0	0	297.8496	4.222222
790.7656	549.0016	1.521739	827.3983	0	0	587.1603	3.217391
935.6797	517.4663	9.130435	940.3333	0	0	516.0988	1.333333
1377.578	457.2625	0	1442.692	0	0	490.0708	1.608696
937.4688	649.3414	4.565217	984.0881	0	0	707.3664	0
1059.125	657.9419	4.565217	1135.045	0	0	701.202	3.217391
1427.672	470.1633	3.043478	1348.06	0	0	465.5361	4
862.3281	311.0531	1.521739	938.2277	0	0	319.0084	0
763.9297	553.3019	0	825.4875	0	0	574.8315	0
769.2969	301.0192	3.043478	806.379	0	0	320.5495	1.608696
1153.945	699.5112	6.086957	1226.766	0	0	756.6817	1.608696
617.2266	364.0899	0	651.6001	0	0	397.6046	0
1164.68	1143.873	3.043478	1054.993	0	0	1141.094	2.391304
837.2813	551.8685	3.043478	873.2588	0	0	610.2769	1.608696
1119.953	624.9731	4.565217	1148.421	0	0	690.4142	1.608696
1003.664	944.6268	0	935.3721	0	0	916.5469	1.195652
985.7734	352.6225	0	929.2745	0	0	361.4933	1.333333

2424.218	1234.449	7.024291	2211.333	0	0	1215.943	8.369565
1268.445	653.6416	1.521739	1220.657	0	0	627.2783	2.666667
1017.977	315.3534	1.521739	1012.667	0	0	313.9012	6.666667
1626.258	483.0641	1.521739	1549.494	0	0	462.7232	1.333333
1447.352	614.9392	1.521739	1262.072	0	0	551.6692	1.407407
1474.188	865.7885	6.086957	1274.537	0	0	776.9989	2.814815
1506.391	553.3019	3.043478	1574.541	0	0	597.948	4.826087
2100.628	739.2338	8.42915	1950.492	0	0	696.2367	5.978261
1489.602	864.1141	2.809717	1347.401	0	0	851.5837	3.586957
356.0234	189.2121	0	340.8886	0	0	184.2454	0
1777.037	753.5879	4.214575	1947.799	0	0	754.2447	1.441176
912.4219	342.5885	1.521739	951.9574	0	0	340.4365	1.424242
1091.893	502.3919	7.024291	1201.208	0	0	502.8298	2.882353
1645.938	642.1742	1.521739	1712.397	0	0	644.5016	2.848485
1126.24	521.0522	1.404858	1093.831	0	0	498.0489	1.651163
1696.031	689.4773	7.608696	1749.949	0	0	709.9702	2.848485
1288.939	541.1479	4.214575	1320.499	0	0	534.1964	6.363636
1051.969	385.5912	1.521739	1083.391	0	0	394.2662	4.272727
918.3467	486.6024	4.214575	885.8122	0	0	467.1839	0
744.25	335.4214	0	762.317	0	0	347.7108	2.848485
1599.422	495.9649	3.043478	1603.494	0	0	532.4776	5.69697
1377.52	650.2387	1.404858	1432.63	0	0	645.9565	5.69697
943.6555	335.8849	1.404858	963.2232	0	0	341.8914	2.848485
900.269	496.6503	2.809717	936.9364	0	0	494.6514	2.848485
1381.136	691.8654	4.214575	1502.98	0	0	708.3985	1.441176
1724.612	541.1479	5.619433	1759.337	0	0	567.3942	5.69697
755.6475	244.0189	0	767.9499	0	0	244.416	1.424242
1481.344	612.0723	3.043478	1640.149	0	0	615.2271	2.882353
1028.621	681.8176	1.404858	1146.341	0	0	674.3835	4.323529
1097.316	503.8273	8.42915	1234.521	0	0	488.0407	2.882353
1688.456	831.0998	2.809717	1814.55	0	0	853.3318	5.764706
1209.398	564.1143	4.214575	1320.741	0	0	559.0284	5.764706
1303.402	1020.573	1.404858	1459.87	0	0	1013.054	1.441176
1744.497	717.7027	2.809717	1889.013	0	0	742.4134	2.882353
695.9911	294.2581	1.404858	762.2676	0	0	286.9088	2.882353
607.4104	272.727	2.809717	632.9368	0	0	285.4299	0
1885.503	980.3819	1.404858	1814.962	0	0	938.5766	3.302326
493.521	246.8897	1.404858	538.8781	0	0	248.4571	2.882353
1305.739	1594.619	3.033708	1276.649	0	0	1549.913	1.6875
718.4413	675.8149	1.516854	693.9091	0	0	655.8485	1.6875
756.454	602.918	0	710.0465	0	0	598.556	1.6875
1565.528	861.2433	2.809717	1450.408	0	0	838.8735	2.391304
1010.543	608.6119	0	933.7107	0	0	587.4939	2.391304
949.0788	424.88	1.404858	903.1471	0	0	415.2745	1.651163
1249.168	723.4443	2.809717	1161.323	0	0	697.649	4.782609
1018.742	958.2903	1.516854	995.1409	0	0	928.7417	0
1704.726	1057.894	8.42915	1603.258	0	0	1005.518	3.586957

1250.976	809.5687	0	1223.842	0	0	767.4161	0
1162.396	587.0808	0	1061.639	0	0	590.3184	1.195652
1379.328	750.717	7.024291	1348.653	0	0	698.6714	6.604651
969.3255	741.1183	12.13483	865.593	0	0	675.0531	3.586957
1670.661	1149.645	7.58427	1450.408	0	0	1081.78	4.782609
1422.714	739.2338	0	1320.818	0	0	710.3592	1.195652
655.7202	608.9927	3.033708	641.9107	0	0	589.5098	0
826.1505	753.5879	0	816.4727	0	0	708.492	1.651163
1420.907	766.5065	2.809717	1423.439	0	0	750.6572	1.266667
871.3447	427.7508	4.214575	958.2232	0	0	424.4475	5.764706
1488.2	1471.606	7.58427	1309.189	0	0	1372.702	2.391304
1420.907	697.607	4.214575	1430.583	0	0	678.7552	3.8
1083.364	651.5159	1.516854	1026.948	0	0	608.2912	1.266667
1162.396	635.8846	4.214575	1165.781	0	0	648.5596	4.772727
1906.34	1614.362	3.033708	1812.77	0	0	1577.052	8.4375
1051.053	935.51	3.033708	928.7265	0	0	860.0571	2.391304
1055.737	762.2003	2.809717	1070.449	0	0	788.5259	3.375
1191.32	608.6119	1.404858	1147.55	0	0	667.91	0
1697.27	924.8792	4.550562	1587.751	0	0	868.5766	5.066667
1596.536	1063.08	4.550562	1503.809	0	0	996.5622	1.266667
503.6691	479.9045	0	478.6471	0	0	438.6024	1.266667
520.7749	255.1391	3.033708	484.0051	0	0	247.343	1.266667
1123.277	719.8567	0	1075.17	0	0	661.4987	0
1054.854	627.217	1.516854	1011.295	0	0	583.6231	1.733333
1574.567	676.076	2.809717	1592.154	0	0	671.1313	6.363636
1507.206	964.3651	4.550562	1400.221	0	0	927.5362	3.8
1606.039	1230.135	1.516854	1505.595	0	0	1167.689	2.533333
946.5179	742.637	0	894.7844	0	0	685.9454	0
988.3319	1046.374	0	959.28	0	0	1016.188	0
1754.289	1337.962	0	1682.409	0	0	1235.277	2.533333
864.7904	484.4606	4.550562	817.9865	0	0	451.5448	3.8
1683.033	833.9706	1.404858	1656.775	0	0	886.5262	3.375
1767.998	856.937	5.619433	1681.878	0	0	972.465	1.6875
1187.899	736.5623	0	1126.964	0	0	677.3172	1.266667
1267.726	974.9958	4.550562	1183.411	0	0	984.5265	1.6875
904.7038	896.0242	6.067416	873.2138	0	0	874.4646	0
650.7969	294.2581	1.404858	622.1872	0	0	327.1704	3.375
777.3611	489.0166	0	733.3561	0	0	485.4786	0
1692.072	980.3819	2.809717	1698.298	0	0	1009.706	1.590909
885.6974	514.8343	0	864.4944	0	0	455.5107	5.2
1214.508	886.9121	3.033708	1096.602	0	0	865.7005	2.533333
344.0155	302.2183	0	348.3208	0	0	300.3725	1.468085
1054.854	572.5443	1.516854	984.0842	0	0	540.7033	6.333333
1227.812	574.063	3.033708	1188.906	0	0	523.8373	3.466667
752.6528	294.6249	1.516854	689.034	0	0	299.451	4.772727
310.9363	190.9089	0	290.4736	0	0	220.1239	0
231.6512	684.4055	7.2	246.7536	0	0	727.1413	4.888889

398.4293	1516.254	4	461.0397	0	0	1760.447	2.444444
321.5158	716.2031	0	348.4854	0	0	754.2497	0
217.4912	668.6929	0	214.0864	0	3	660.0637	0
251.6211	772.2274	0	233.3339	0	0	757.0993	0
445.3294	844.9077	1.2	423.5305	0	0	827.2552	1.625
1060.403	1218.908	1.2	1023.532	0	0	1188.266	3.25
639.0377	1106.859	3.6	600.0015	0	0	1081.57	4.875
998.4964	1109.888	0	939.2181	0	0	1096.186	1.625
310.7018	1067.707	0	265.8239	0	21	1067.308	0
704.9385	1450.576	0	594.0897	0	36	1299.628	1
844.3777	1465.346	0	862.7473	0	0	1582.893	0
778.8272	1271.904	2.4	729.4136	0	0	1258.422	1.625
836.74	1188.625	2.4	774.5118	0	0	1179.496	3.25
537.1911	1355.183	1.2	501.9621	0	0	1328.578	1.625
345.4798	626.867	0	315.6871	0	0	619.7106	1.625
886.6648	1053.863	1.2	803.9236	0	0	1066.955	4.875
633.0467	1308.244	2.4	727.2739	0	0	1347.444	2.444444
475.2843	1043.264	1.2	443.1384	0	0	1024.569	1.625
814.7731	1664.074	0	887.4473	0	0	1739.718	1.222222
509.5679	1065.802	1.375	526.2545	0	0	1052.05	2.4
545.679	1074.99	4.125	602.8364	0	0	1036.289	2.4
473.4568	715.3472	4.125	488.9455	0	0	701.367	1.2
409.2593	1064.489	0	430.0364	0	0	1046.797	1.2
337.037	1240.373	1.375	327.9273	0	0	1242.497	4.8
1347.169	1455.167	3.5	1370.873	0	0	1701.064	4.666667
959.423	1356.539	1.75	716.7789	0	0	1180.272	1
1046.417	1309.65	1.75	822.934	0	0	1213.594	3
733.2378	1812.491	0	733.7867	0	0	2037.055	2.333333
1160.753	1185.153	0	1174.628	0	0	1402.015	0
423.4249	1287.916	3.857143	364.002	0	27.70213	1283.763	1.2
749.0066	2014.687	2.571429	704.8703	0	0	2049.798	2.972973
271.5992	1192.744	0	245.9253	0	0	1208.824	8.918919
344.1382	742.8385	0	299.6132	0	0	775.3315	1.486486
55.66941	187.8726	0	48.49231	0	0	194.4522	0
226.0515	666.2063	0	225.7586	0	2.638298	666.3954	2.4
133.2692	551.2579	0	105.644	0	0	559.8241	1.486486
143.3909	500.5817	0	128.1582	0	0	509.0436	1.486486
376.1902	699.5784	2.571429	339.4462	0	0	730.7438	2.972973
161.9474	337.4292	0	157.6	0	0	341.8395	1.486486
190.6255	961.6113	1.285714	166.2593	0	0	980.9306	1.486486
199.0603	462.2656	1.285714	180.1143	0	0	481.7955	1.486486
133.2692	548.7859	1.285714	124.6945	0	0	553.6313	2.972973
207.4951	572.27	0	188.7736	0	0	584.595	4.459459
234.4863	889.923	1.285714	225.1429	0	0	891.7551	2.972973
180.5038	478.3336	0	185.3099	0	0	474.3642	1.486486
253.0428	731.7145	1.285714	213.0198	0	0	757.9919	2.972973
345.8251	1066.672	0	330.7868	0	0	1078.776	1.486486

291.8427	1056.784	0	254.3027	0	17.14894	1050.128	0
210.869	804.6388	0	179.5078	0	10.55319	806.6559	2.4
413.3032	779.9187	0	360.8443	0	3.957447	804.9439	5.945946
332.3295	522.8298	1.285714	289.222	0	0	547.4386	2.972973
276.6601	451.1415	1.285714	261.5121	0	0	461.9787	5.945946
334.3292	1231.417	0	333.1571	0	0	1252.789	0
456.3594	1610.315	1.315789	474.176	0	0	1627.853	1.583333
533.2551	1289.02	0	541.16	0	0	1314.656	1.583333
324.2994	879.401	3.947368	336.6826	0	0	886.748	1.583333
180.5378	917.8028	0	181.5618	0	0	933.1476	0
379.4637	1140.533	0	357.8354	0	0	1179.323	1.583333
543.285	1594.954	1.315789	562.3128	0	0	1605.942	3.166667
337.6725	1015.087	1.315789	347.259	0	0	1029.813	1.583333
217.314	849.9596	1.315789	206.2484	0	0	836.5969	2
1021.376	1424.706	2.631579	973.6843	0	0	1389.326	4
648.5987	1533.511	0	645.1614	0	0	1565.987	1.583333
563.3448	947.2441	0	530.639	0	0	939.135	2.8
337.6725	761.6355	1.315789	320.5944	0	0	760.4952	1.4
571.703	1176.375	1.315789	536.9562	0	0	1171.367	1.4
628.539	1001.007	0	593.8104	0	0	994.003	1.4
755.5841	1201.976	1.315789	773.8412	0	0	1221.856	1.583333
743.8826	1570.633	1.315789	766.7902	0	0	1582.742	1.583333
830.8082	1484.869	1.315789	839.0624	0	0	1513.143	3.166667
377.792	764.1956	1.315789	369.3285	0	0	740.307	2
560.0015	829.4786	0	524.4145	0	0	819.0897	2
956.1816	1676.878	5.263158	919.3243	0	0	1640.68	2
26	110.2975	0	18.3375	0	0	117.7473	0
104	447.3175	0	73.35	0	0	481.8344	0
244	1133.613	2.5	167.075	0	0	1211.558	4
270	1115.23	0	197.6375	0	0	1192.966	2
72	320.169	0	46.8625	0	0	347.0447	1
36	231.3183	0	32.6	0	0	235.4946	0
202	510.1257	1.25	177.2625	0	0	537.6094	1
340	1168.847	0	270.9875	0	0	1242.544	1
338	628.0827	1.25	319.8875	0	0	666.2018	2
361.1065	1020.325	3.142857	300.6183	0	0	1074.372	1
310.0232	876.2186	0	284.9792	0	0	897.2637	0
227.2329	710.2389	1.571429	211.9967	0	0	720.1551	0
382.2445	809.312	0	345.798	0	0	842.5684	0
524.9256	1289.238	3.142857	479.5992	0	0	1327.013	1
387.529	1145.132	0	349.2733	0	0	1178.554	0
486.1727	1357.431	0	413.5674	0	0	1415.567	2
584.8164	1242.918	0	538.6802	0	0	1284.038	2
542.5406	1100.098	3.142857	486.5499	0	0	1147.299	1
509.0721	1883.677	0	474.3862	0	0	1919.545	1
396.3364	1137.412	0	380.5515	0	0	1161.624	2
305.7509	758.1414	2.888889	295.2928	0	0	743.1326	0

554.1734	1178.215	0	534.2108	0	0	1159.729	4
210.2037	289.533	0	211.2313	0	0	276.8533	0
687.9394	1056.042	2.888889	662.9797	0	0	1042.597	2
365.2024	761.4886	2.888889	361.163	0	0	780.9669	0
140.1358	363.1715	0	131.4807	0	0	359.4236	0
643.3508	1298.715	0	621.5363	0	0	1339.29	4
619.9948	1303.735	0	602.6382	0	0	1339.29	2
758.0074	1578.206	2.888889	713.9268	0	0	1647.566	4
624.2413	985.7512	1.444444	579.5406	0	0	1036.151	0
70.38653	222.1996	0	0	0	0	239.9469	0
29.46413	121.8514	0	0	0	0	132.092	0
75.29722	228.1727	0	0	0	0	244.7943	0
34.37482	132.603	0	0	0	0	136.9394	0
37.64861	169.6362	0	0	0	0	180.5661	0
45.83309	187.5556	0	0	0	0	191.4728	0
18.00586	111.0998	0	0	0	0	115.126	1.5
49.10688	151.7169	1.25	0	0	0	166.0238	1.5
80.20791	361.9703	1.25	0	0	0	381.7337	3
206.2489	839.8188	0	0	0	0	889.5	0
73.66032	581.7806	0	0	0	0	604.7146	3
129.3148	707.2159	0	0	0	0	741.654	4.5
108.0351	281.9306	0	0	0	0	311.4462	4.5
103.1245	696.4643	1.25	0	0	0	716.205	4.5
57.29136	269.9844	1.25	0	0	0	284.7854	1.5
263.45	772.9352	2	233.4526	0	0	804.9124	1
354.0767	899.2515	0	328.563	0	0	930.7273	1
859.9007	1515.795	0	773.8523	0	0	1606.793	0
486.8555	1302.261	0	397.7341	0	0	1385.48	0
836.7171	1500.758	2	754.3979	0	0	1587.087	1
251.0149	181.6071	1	245.728	0	0	182.3612	3.857143
49.30649	127.7976	1	51.25615	0	0	127.3847	0
206.1908	53.80952	0	212.5623	0	0	48.27209	0
295.8389	126.4524	0	310.5519	0	0	117.9984	0
173.3198	372.631	0	167.3362	0	0	382.154	0
497.5473	304.0238	0	497.4861	0	0	307.0641	2.571429
80.68335	205.8214	0	76.88422	0	0	207.8382	0
277.9093	186.9881	0	266.8335	0	0	201.1337	1.285714
79.18921	135.869	0	72.36162	0	0	140.7936	1.285714
263.3345	496.744	0	0	0	0	587.5123	11.08889
107.7278	257.6693	0	0	0	0	290.9717	12.67302
275.3043	456.8982	3.5	0	0	0	515.1174	31.68254
138.5071	375.8785	1.75	0	0	0	453.8602	9.504762
135.0872	366.5811	0	0	0	0	419.055	11.08889
314.6335	394.4732	0	0	0	0	530.4317	25.34603
189.806	116.8809	0	0	0	0	189.3404	6.336508
169.2865	399.7859	0	0	0	0	462.2134	14.25714
391.5819	286.8896	0	0	0	0	438.5459	22.17778

314.6335	395.8014	0	0	0	0	509.5486	34.85079
259.9146	474.1647	0	0	0	0	581.9434	41.1873
314.6335	572.451	0	0	0	0	694.7124	53.86032
136.7972	541.9025	0	0	0	0	615.3565	19.00952
194.9359	462.211	0	0	0	0	538.785	17.4254
403.5516	618.9377	0	0	0	0	771.2839	41.1873
90.62811	249.7002	0	0	0	0	284.0107	7.920635
247.9448	780.9772	0	0	0	0	879.8762	49.10794
119.6975	625.5787	0	0	0	0	668.2604	14.25714
63.26868	423.6934	0	0	0	0	464.9979	7.920635
673.726	314.7816	1.75	0	0	0	540.1772	68.11746
696.6351	644.9705	4.682927	732.4871	0	0	643.2954	0
663.7232	871.9881	1.560976	681.9062	0	0	868.2978	3.25
636.2966	572.806	4.682927	648.1855	0	0	578.3618	0
305.3492	598.3642	3.121951	324.0928	0	0	593.4627	1.625
528.4187	709.6179	3.121951	552.6437	0	0	711.2492	1.625
438.8252	1843.202	1.560976	423.3813	0	0	1877.033	1.625
404.0849	787.7961	0	400.9009	0	0	800.3441	0
455.2812	1205.749	0	479.5824	0	0	1200.516	1.625
493.6784	745.7002	0	505.8095	0	0	747.4911	1.625
330.9474	927.6149	1.560976	354.0667	0	0	921.1507	4.875
149.932	381.8706	0	153.6162	0	0	383.5611	0
149.932	369.8432	1.560976	127.3891	0	0	389.6014	1.625
477.2224	1089.985	0	439.8023	0	0	1102.488	1.673077
612.5269	1226.797	3.121951	572.4411	0	0	1241.242	8.365385
1753.473	2405.484	9.365854	1835.901	0	0	2382.911	8.125
652.7525	1223.79	3.121951	683.7795	0	0	1217.127	4.875
418.7124	1518.462	1.560976	383.9544	0	0	1532.323	6.692308
775.2579	1775.548	0	715.5513	0	0	1785.699	8.365385
409.5702	1989.035	3.121951	363.0114	0	0	2016.453	3.346154
484.5362	888.5258	0	448.5285	0	0	888.325	6.692308
179.187	344.285	1.560976	165.7985	0	0	351.4087	1.673077
625.326	1282.424	3.121951	568.9506	0	0	1310.619	5.019231
559.5022	962.1938	1.560976	507.8669	0	0	984.8493	3.346154
270.6089	1178.687	1.560976	260.0418	0	0	1176.39	8.365385
193.8145	861.4641	1.560976	186.7414	0	0	855.1448	3.346154
416.884	933.6286	1.560976	378.7186	0	0	948.6527	5.019231
522.9334	1187.708	0	478.1977	0	0	1205.045	1.673077
937.989	1847.713	4.682927	872.6236	0	0	1873.174	8.365385
660.0663	1509.441	1.560976	589.8935	0	0	1539.864	8.365385
544.8747	893.0361	1.560976	507.8669	0	0	907.9315	0
402.2565	893.0361	1.560976	363.0114	0	0	900.3906	6.692308
442.4821	1297.458	0	455.2286	0	0	1304.712	0
610.6985	1214.77	0	601.3513	0	0	1232.228	1.625
586.9288	1489.897	1.560976	580.7443	0	0	1514.613	1.625
760.6304	1366.616	0	784.9414	0	0	1360.585	4.875
312.663	873.4915	0	295.9922	0	0	892.4591	0

1202.28	1340.208	1.320988	1261.829	0	0	1311.546	4.395349
1086.457	461.95	1.320988	1109.337	0	0	458.3509	5.860465
1102.77	1555.969	3.962963	1127.77	0	0	1553.147	7.325581
1174.548	778.6761	3.962963	1186.021	0	0	800.2344	4.305233
1055.462	858.895	3.962963	1075.822	0	0	861.4789	1.465116
1109.295	1080.188	3.962963	1088.242	0	0	1130.322	6.875
306.6875	489.6116	0	315.0383	0	0	488.7236	0
1433.927	735.8005	2.641975	1447.166	0	0	746.8707	2.75
1460.028	1078.805	6.604938	1518.216	0	0	1060.282	2.930233
859.7038	861.6611	0	845.6824	0	0	902.8265	1.375
440.4554	410.7759	0	445.7456	0	0	415.5531	0
507.3394	423.2236	0	424.3856	0	0	398.6865	1.5
1048.936	1145.193	0	1007.935	0	0	1221.892	0
825.4461	549.0842	0	788.3202	0	0	596.6381	4.125
1110.503	94.06282	2.736842	1179.422	82.55969	0	0	10.10127
1515.493	171.5024	6.604938	1518.507	0	0	143.0907	4.581081
1278.952	549.0842	0	1229.959	0	0	528.1346	6.108108
311.5814	228.2088	1.320988	294.9966	0	0	225.0426	1.527027
380.0967	283.5322	1.320988	348.1927	0	0	267.9698	0
1358.23	69.87524	0	1281.543	0	0	62.43956	1.527027
1295.265	441.2037	2.641975	1291.215	0	0	401.9547	7.635135
1040.456	80.62527	6.842105	1010.726	0	0	54.63462	6.108108
958.4493	169.3131	0	896.2739	0	0	166.5055	6.108108
729.1985	218.5272	0	725.5934	0	0	227.7949	2.930233
550.126	30.90635	1.368421	511.0051	0	0	31.21978	1.527027
440.4554	174.2685	0	440.0769	0	0	157.3997	0
742.249	257.2536	2.641975	741.5216	0	0	235.4492	0
831.9714	405.2435	1.320988	814.0617	0	0	381.1415	1.527027
1715.3	100.7816	2.736842	1623.287	0	0	88.45604	7.635135
415.9857	323.6416	0	417.5089	0	0	297.8887	0
339.3138	232.3581	1.320988	340.1743	0	0	231.9366	1.465116
44.04554	44.25868	0	46.92059	0	0	42.79783	0
213.7025	48.40793	0	221.1971	0	0	46.93955	1.465116
1850.269	126.3129	4.105263	1753.86	0	0	110.5701	9.162162
168.0256	102.3482	0	169.2493	0	0	102.1626	0
1076.669	243.4227	1.320988	1068.758	0	0	217.2376	6.108108
1210.437	800.8055	1.320988	1189.658	0	0	745.3723	7.635135
350.2355	9.406282	2.736842	325.6247	0	0	11.70742	3.054054
918.4312	796.6562	0	898.4976	0	0	758.9749	3
756.9308	1005.502	2.641975	732.5969	0	0	1064.505	1.375
1115.82	933.5815	0	1161.285	0	0	908.4184	5.860465
590.5366	605.7907	1.320988	570.3439	0	0	645.2849	0
1223.487	1358.188	6.604938	1147.555	0	0	1348.692	6
1089.719	789.7408	1.320988	1105.985	0	0	806.2559	1.465116
621.5316	532.4872	0	603.1223	0	0	569.4532	0
1207.174	1212.964	2.641975	1116.029	0	0	1225.106	6
1241.432	1064.974	3.962963	1177.505	0	0	1047.788	9

1218.593	1435.641	1.320988	1161.742	0	0	1410.484	3
703.0974	687.3926	0	651.0167	0	0	686.4357	1.5
732.4611	560.1489	1.320988	732.5969	0	0	583.761	0
1314.841	1352.656	3.962963	1350.643	0	0	1351.583	4.395349
1019.573	933.5815	0	998.1019	0	0	990.1045	4.125
1246.326	539.4026	1.320988	1261.968	0	0	547.9914	1.375
887.4362	630.6862	0	854.3609	0	0	615.2398	1.5
1169.654	838.1487	3.962963	1132.493	0	0	904.2573	5.5
1112.558	686.0095	0	1099.715	0	0	715.3934	2.75
810.7643	890.7059	2.641975	826.8241	0	0	912.2887	1.375
732.4611	672.1787	0	675.073	0	0	682.011	1.375
977.1586	1164.556	2.641975	1023.874	0	0	1143.116	4.395349
936.3756	792.507	2.641975	953.4935	0	0	795.2113	2.930233
595.4305	739.9498	1.320988	599.9133	0	0	746.8912	4.395349
900.4867	774.5269	2.641975	903.2214	0	0	793.8307	2.930233
897.2241	932.1984	1.320988	936.7361	0	0	926.3659	1.465116
512.2334	824.3179	1.320988	547.9655	0	0	807.6365	0
831.9714	658.3478	1.320988	827.6543	0	0	693.9316	4.125
1088.088	901.7706	0	1086.604	0	0	940.027	0
1159.866	1224.029	0	1201.502	0	0	1206.623	2.930233
924.9564	786.9746	2.641975	755.7166	0	0	765.6305	4.5
590.5366	428.7559	0	590.011	0	0	447.8363	1.375
549.7536	459.1838	2.641975	550.6769	0	0	480.7444	2.75
871.123	1403.83	2.641975	875.1829	0	0	1462.264	1.375
791.1885	625.1538	1.320988	811.0559	0	0	625.4005	1.465116
969.002	1001.353	3.962963	925.2949	0	0	979.2791	6
447.6181	1158.316	1.368421	415.8969	0	0	1116.107	3.054054
688.5117	124.9692	4.105263	668.9814	0	0	105.3668	3.054054
724.3895	786.0964	1.368421	699.6095	0	0	744.0714	4.581081
717.5557	368.1887	4.105263	697.9975	0	0	338.2143	3.054054
1161.757	782.0651	0	1238.843	761.8666	0	0	25.97468
1224.97	425.9702	4.105263	1336.078	386.727	0	0	12.98734
107.6333	477.0329	0	104.7802	0	0	456.5893	1.527027
893.5276	202.9069	4.105263	847.9138	0	0	192.522	3.054054
732.9319	223.0633	1.368421	752.8063	75.31761	0	128.7816	7.551146
1001.161	407.1576	0	1082.187	395.4175	0	0	5.772152
1717.008	237.8446	1.368421	1797.043	246.2307	0	0	2.886076
529.6244	263.3759	0	501.3331	0	0	251.0591	1.527027
1549.579	192.1569	1.368421	1459.052	0	0	165.2047	12.21622
1869.062	190.8131	1.368421	1973.506	192.6393	0	0	5.772152
536.4583	924.5031	1.368421	488.437	0	0	898.8695	4.581081
1412.901	424.6264	2.736842	1543.152	385.2786	0	0	12.98734
302.3985	419.2514	1.368421	334.9199	420.0405	0	0	7.21519
695.3456	994.3783	1.368421	738.2643	984.9226	0	0	28.86076
190.2394	222.3094	0	176.0192	0	0	208.4982	0
141.8452	724.1305	1.1	119.9423	0	0	690.9535	0
253.6526	1184.35	2.2	216.5192	0	0	1126.133	1.333333

138.5077	304.2128	0	112.6386	0	0	293.7416	0
322.072	720.2303	0	297.5192	0	0	671.5583	0
407.1791	182.0077	2.2	429.0274	0	0	238.3903	1.8
260.3276	816.4344	0	233.6538	0	0	769.7464	1.333333
281.9426	371.0341	0	232.7864	0	0	339.8664	0
365.2842	625.0395	2	338.2515	0	0	661.7305	0
514.235	522.6394	0	485.0062	0	0	554.8252	1.5
228.7459	386.9925	0	174.2143	0	0	367.784	0
150.189	387.4163	1.1	117.1441	0	0	371.4254	3.6
190.2394	374.4158	0	160.6977	0	0	354.4321	0
300.378	673.4284	1.1	235.7901	0	0	650.6013	0
257.1175	368.3743	2	207.255	0	0	344.7216	1.8
188.5707	327.6138	1.1	171.3462	0	0	309.1108	1.333333
141.8452	553.8233	0	117.1441	0	0	521.9376	0
175.2205	904.8381	1.1	130.6608	0	0	861.804	1.8
105.1323	318.5134	0	88.60902	0	0	302.2383	0
125.9932	330.1065	0	97.6201	0	0	321.6592	0
278.6841	618.8261	1.1	270.2433	0	0	660.3773	0
141.8452	250.9106	0	141.3856	0	0	270.6464	0
285.4891	873.7254	0	245.1876	0	0	920.1978	0
210.2646	652.6275	0	184.3381	0	0	699.621	1.5
106.6338	281.4309	0	92.36923	0	0	292.4293	0
25.46479	83.34221	0	24.30769	0	0	84.93797	0
70.02817	152.1901	0	69.68205	0	0	155.3151	0
47.74648	105.0837	0	45.37436	0	0	110.4194	0
71.61972	248.8188	0	68.06154	0	0	249.9603	1
17.50704	82.13435	0	16.20513	0	0	84.93797	0
724.4582	1497.196	1.176471	689.515	0	0	1530.019	0
637.9304	1163.435	5.882353	616.3072	0	0	1189.864	3.45
877.1543	1662.05	4.705882	844.443	0	0	1687.222	5.75
883.9408	1310.722	3.529412	835.9305	0	0	1351.133	4.6
690.5257	812.1073	1.176471	675.8949	0	0	822.6055	0
763.4805	585.0956	0	772.9378	0	0	567.8282	0
134.0332	525.6402	1.176471	129.3905	0	0	528.5274	1.15
337.6281	922.9107	0	321.7736	0	0	933.7318	2.3
624.3574	898.588	1.176471	599.2821	0	0	916.1142	3.45
169.6623	743.1931	0	177.0606	0	0	729.0968	0
183.2353	210.7966	0	171.9531	0	0	210.0558	1.15
206.9881	452.6721	0	188.9782	0	0	458.0571	0
203.5948	778.3258	1.176471	194.0857	0	0	781.9496	1.15
95.01091	447.2671	0	100.4479	0	0	441.7947	0
1280.335	1471.362	4.153846	1095.898	0	0	1276.526	4.666667
1002.125	1086.846	2.076923	1064.536	0	0	1055.705	2.545455
1260.463	1720.513	2.076923	1315.501	0	0	1705.987	0
501.4295	441.037	0	534.8171	0	0	441.544	0
391.5272	364.7037	0	396.3377	0	0	371.1031	3.111111
1328.596	845.5428	0	1241.039	0	0	903.1694	0

916.9583	978.9463	0	907.3373	0	0	989.4723	0
783.5309	1047.61	0	794.2649	0	0	1049.684	0
848.8252	1222.212	2.076923	843.9065	0	0	1230.317	2.545455
579.1316	464.9505	2.076923	609.488	0	0	447.5706	0
434.3487	1043.686	0	444.0161	0	0	1047.677	0
1359.824	998.5645	4.153846	1378.932	0	0	959.3666	5.090909
1745.911	2207.043	4.153846	1784.338	0	0	2205.74	2.545455
1726.039	1997.129	2.076923	1704.36	0	0	2027.114	7.636364
1234.913	2024.594	4.153846	1238.281	0	0	2051.198	7.636364
915.853	402.0222	1.333333	952.643	0	0	407.1826	0
810.5299	1555.504	0	826.1015	0	0	1589.215	3.111111
357.1827	162.8444	1.333333	379.6247	0	0	159.7805	0
1197.478	1195.889	1.333333	1272.578	0	0	1202.649	3.111111
344.5262	344.3959	0	340.6271	0	0	345.8973	0
194.9872	487.6847	0	178.4237	0	0	504.9596	0
250.6978	412.2696	3.75	202.0169	0	0	462.0381	1.666667
236.0371	384.6173	1.25	219.7119	0	0	397.6557	3.333333
118.7516	460.0325	0	103.2203	0	0	478.4493	0
634.3813	1490.907	3.333333	605.5043	0	0	1520.626	0
433.236	873.4773	0	424.7243	0	0	886.896	2.25
607.8567	1774.504	3.333333	585.9017	0	0	1803.192	2.25
923.9421	1435.809	3.333333	938.7495	0	0	1432.427	2.25
762.5838	1711.302	0	723.1203	0	0	1737.859	2.25
586.9896	1082.103	0	411.7352	0	0	1064.327	1
148.7251	514.0302	0	103.2648	0	0	491.6729	0
287.9572	649.7644	1.5	294.5328	0	0	681.6922	2.363636
341.7514	1334.719	0	353.4393	0	0	1385.375	3.545455
444.5932	1398.816	1.5	450.4619	0	0	1459.106	4.727273
480.9834	1260.568	0	514.5661	0	0	1294.827	2.363636
322.6177	710.8519	3.5	306.817	0	0	724.6855	2
465.1697	414.291	3.5	466.6558	0	0	412.1649	1
343.2502	646.7709	0	349.0732	0	0	643.1584	1
146.3034	333.8172	0	143.3037	0	0	338.1866	0
611.473	405.3495	0	595.2617	0	0	418.2039	0
510.1861	929.9194	0	497.8886	0	0	943.6009	0
57.95122	314.0197	0	0	0	0	318.0199	8.032258
49.25854	306.9894	0	0	0	0	321.5666	6.693548
73.8878	608.1202	1.6	0	0	0	623.0354	17.40323
17.38537	126.5453	0	0	0	0	124.1342	2.677419
63.74634	487.4336	0	0	0	0	491.8078	13.3871
92.72195	700.6857	0	0	0	0	719.9782	14.72581
105.761	742.8675	0	0	0	0	771.9964	20.08065
53.60488	542.5042	1.6	0	0	0	561.5594	17.40323
55.05366	323.3934	0	0	0	0	341.6646	6.693548
31.87317	253.0905	0	0	0	0	257.7262	10.70968
37.66829	351.5146	1.6	0	0	0	361.7625	5.354839
82.58049	563.5951	1.6	0	0	0	585.204	10.70968

59.4	196.8482	0	0	0	0	217.5304	9.370968
73.8878	581.1708	1.6	0	0	0	612.3953	18.74194
10.14146	87.87865	0	0	0	0	86.30281	0
26.07805	118.3432	0	0	0	0	125.3164	4.016129
1000.926	767.1827	1.477273	1042.238	0	0	780.8455	1.25
966.1115	689.7337	1.477273	906.4673	0	0	684.0579	0
760.704	501.226	1.477273	720.8255	0	0	489.0225	4.588235
800.7411	581.5975	1.477273	848.1508	0	0	580.9942	2.5
520.4817	251.3437	0	486.6826	0	0	249.5305	0
1197.63	689.7337	0	1142.214	42.53974	0	666.1047	18.30769
1020.074	521.6842	0	973.3653	0	0	510.5338	0
1100.149	746.7245	2.954545	1038.591	0	0	735.6849	4.588235
705.0003	502.6873	0	682.3592	0	0	490.4566	0
992.2226	773.0279	1.477273	938.2438	0	0	757.1961	0
659.741	483.6904	4.431818	703.2839	0	0	488.0285	1.25
793.7781	473.4613	0	744.2398	0	0	483.2862	0
926.0745	584.5201	1.477273	948.2785	0	0	514.836	3.058824
990.4819	717.4985	5.909091	970.0204	0	0	684.0579	3.058824
698.0373	569.9071	1.477273	699.4163	0	0	560.3961	1.333333
832.0744	585.9814	2.954545	792.3466	30.80464	0	567.5859	3.923077
1093.186	682.4272	1.477273	1076.159	0	0	690.3849	2.666667
1225.482	792.0248	0	1152.317	0	0	784.4437	3.058824
436.9261	265.9567	1.477273	399.7153	0	0	268.1736	6.117647
1190.667	841.709	2.954545	1158.136	0	0	852.1487	2.666667
1150.63	764.2601	0	1158.136	0	0	745.269	0
1028.778	828.5573	4.431818	1023.834	0	0	824.7066	2.666667
1081	813.9443	1.477273	1079.648	0	0	813.152	1.333333
898.2226	509.9938	0	874.6683	35.2053	0	483.7714	1.307692
934.7782	638.5882	1.477273	878.0984	46.9404	0	619.051	6.538462
908.667	1125.201	0	956.8005	0	0	1079.57	1.565217
839.0374	1376.545	1.477273	848.8907	0	0	1344.828	1.565217
694.5558	1157.35	0	735.5854	0	0	1116.649	3.130435
464.778	602.0557	0	487.6111	0	0	626.7982	1.580645
605.778	480.7678	1.477273	634.9861	0	0	506.6748	1.580645
558.778	501.226	1.477273	591.3194	0	0	526.6953	1.580645
391.6668	404.7802	0	413.0139	0	0	421.9723	3.16129
1002.667	1370.7	0	1055.718	0	0	1320.584	1.565217
948.7041	1437.92	4.431818	976.584	0	0	1401.873	3.130435
1298.593	716.0372	2.954545	1360.944	0	0	756.162	1.580645
1213.297	1011.22	2.954545	1160.68	0	0	990.9518	1.529412
1202.852	756.9536	1.477273	1185.766	0	0	705.5691	1.529412
292.4446	466.1548	0	309.3415	0	0	449.2268	0
1427.408	889.9319	1.477273	1531.972	0	0	904.0063	3.16129
1020.074	1231.876	1.477273	1038.903	0	0	1322.899	3.16129
1695.482	1321.015	1.477273	1630.638	0	0	1289.241	1.529412
1923.519	903.0836	1.477273	1849.728	0	0	876.2251	0
800.7411	473.4613	0	836.9444	0	0	498.9745	3.16129

891.2596	555.2941	0	857.9663	0	0	540.6495	0
1103.63	1747.715	2.954545	1143.844	0	0	1707.062	3.130435
950.4448	1306.402	0	1008.957	0	0	1246.426	3.130435
1040.963	1299.096	1.477273	1102.479	0	0	1249.278	0
710.2225	514.3777	1.477273	731.4167	0	0	555.9562	3.16129
1040.963	1066.749	0	1100.764	0	0	1119.613	0
776.3707	1174.885	5.909091	818.3163	0	0	1138.041	1.565217
645.8151	1120.817	4.431818	678.0335	0	0	1080.997	9.391304
60.92595	48.22291	0	64.7459	0	0	42.78351	0
743.2966	477.8452	4.431818	798.7361	0	0	488.1942	0
1091.445	1505.139	4.431818	1149.24	0	0	1454.639	3.130435
558.778	830.0186	2.954545	571.3056	0	0	880.9056	3.16129
123.5926	200.1981	0	124.0963	0	0	198.2302	0
555.2965	838.7864	0	585.8611	0	0	877.8256	1.580645
868.63	716.0372	1.477273	887.8889	0	0	776.1826	3.16129
1082.741	585.9814	5.909091	1118.958	0	0	629.8783	3.16129
518.741	469.0774	1.477273	533.0972	0	0	503.5947	1.580645
1068.815	775.9505	5.909091	1129.875	0	0	814.6837	3.16129
993.9634	936.6935	0	1017.069	0	0	1005.649	1.580645
579.6669	407.7028	5.909091	634.9861	0	0	406.5718	4.741935
388.1853	423.7771	4.431818	410.0574	0	0	405.0172	1.565217
1181.963	885.548	2.954545	1215.784	0	0	865.6529	1.565217
1467.445	853.3994	1.477273	1521.056	0	0	904.0063	1.580645
525.7039	523.1455	1.477273	566.5266	0	0	499.1409	1.565217
1112.334	771.5666	1.477273	1095.908	39.60596	0	742.5671	2.615385
1168.038	787.6409	2.954545	1150.789	51.34106	0	730.8036	2.615385
558.778	216.2724	0	528.4939	0	0	217.9807	3.058824
581.4076	236.7307	1.477273	536.8561	0	0	236.6238	1.529412
1281.186	885.548	1.477273	1236.541	61.60927	0	845.4972	2.615385
1378.667	935.2322	4.431818	1324.008	54.27483	0	917.5482	1.307692
1476.149	847.5542	4.431818	1404.614	55.74172	0	823.4407	2.615385
1537.075	1002.452	1.477273	1483.506	38.13907	0	986.6584	5.230769
485.6669	391.6285	1.477273	483.6401	16.13576	0	369.0779	1.307692
1133.223	642.9721	0	1077.043	20.53642	0	641.1074	0
443.8891	211.8885	1.477273	439.0492	16.13576	0	198.508	0
1396.075	840.2477	0	1301.712	26.40397	0	879.3171	1.307692
309.852	201.6594	0	299.3684	0	0	196.4695	0
849.4818	590.3653	7.386364	779.2217	0	0	548.4477	7.2
778.1114	553.8328	4.431818	720.8255	0	0	559.2926	4.588235
1171.519	496.8421	2.954545	1095.454	0	0	504.7974	1.529412
1152.371	726.2663	1.477273	1063.778	0	0	676.5523	4.8
858.1855	447.1579	2.954545	816.1551	0	0	438.8296	4.588235
866.8892	663.4303	1.477273	847.6716	0	0	662.9428	5.333333
976.556	599.1331	2.954545	924.8642	0	0	587.9743	4.588235
654.5188	474.9226	2.954545	605.4265	0	0	473.2476	3.058824
1350.815	998.0681	4.431818	1322.293	51.34106	0	963.1316	3.923077
1087.963	745.2632	2.954545	1053.032	39.60596	0	727.8628	2.615385

913.8893	559.678	2.954545	874.6683	45.47351	0	536.7069	0
1040.963	1065.288	2.954545	1042.742	32.27152	0	1019.008	1.307692
1086.223	733.5728	2.954545	1070.182	32.27152	0	705.8063	1.307692
1265.519	1052.136	2.954545	1203.955	63.07616	0	1026.36	1.307692
870.3707	673.6594	2.954545	833.5075	32.27152	0	669.0456	2.615385
807.704	631.2817	0	797.4917	38.13907	0	591.1128	1.307692
981.7782	678.0433	2.954545	956.9901	16.13576	0	674.9273	3.923077
799.0003	545.065	1.477273	813.2917	0	0	586.7571	3.16129
908.8921	1220.705	3.333333	871.9778	0	0	1245.917	1.083333
369.2934	670.0894	1.666667	359.1548	0	0	681.0141	2.166667
397.9764	693.4646	0	382.3837	0	0	700.5834	4.333333
306.5494	719.437	3.333333	319.8443	0	0	708.4112	1.083333
903.5141	949.2932	0	886.2725	0	0	965.4223	0
206.159	329.8502	1.666667	200.126	0	0	333.9839	1.083333
534.2206	1299.921	0	521.7572	0	0	1320.28	0
195.4028	341.5378	0	189.405	0	0	347.7851	0
263.5249	318.1626	1.666667	250.1576	0	0	328.7654	0
281.4518	659.7004	1.666667	260.8786	0	0	677.1002	0
231.2566	638.9224	1.666667	221.5681	0	0	645.7892	0
265.3176	909.0359	3.333333	259.0918	0	0	917.1511	2.166667
363.9154	1062.273	0	380.5968	0	0	1052.832	0
374.6715	1129.802	1.666667	375.2363	0	0	1132.414	1.083333
329.8543	655.8045	0	317.5496	0	0	668.551	0
83.55963	358.1329	1.75	71.77778	0	15.4902	359.99	1
165.3028	363.419	1.75	143.1406	0	12.39216	370.7166	0
92.6422	334.3454	0	89.251	0	1.54902	325.0478	0
152.5872	322.4517	1.75	135.7169	0	13.94118	327.4071	1
56.31193	227.302	0	51	0	7.745098	227.503	0
128.9725	376.6342	0	124.6667	0	10.84314	380.0638	0
114.4404	144.0461	0	113.3333	0	3.098039	148.546	0
183.4679	144.0461	0	187.0853	0	6.196078	137.0765	0
357.8532	274.8769	0	337.6807	0	0	262.3159	2
132.6055	187.6563	1.75	128.4444	0	3.098039	196.7231	0
116.2569	251.0895	0	107.9033	0	4.647059	254.6103	0
303.9085	492.4271	1.5	306.0137	0	0	490.426	2
406.9284	766.439	0	395.411	0	0	775.4033	0
166.5487	450.0678	0	178.7945	0	0	440.0579	0
25.75496	54.27288	0	24.06849	0	0	54.3445	0
333.0975	766.439	0	342.1164	0	0	763.474	2
224.9267	504.3407	0	218.3356	0	0	505.0062	2
259.2666	971.6169	0	271.6301	0	0	959.6444	2
144.2278	418.2983	1.5	146.1301	0	0	416.1994	0
125.3408	262.0983	0	125.5	0	0	262.4442	0
315.5483	844.4492	0	281.1321	0	0	864.0783	0
517.6099	1275.025	0	461.0566	0	0	1319.547	0
514.8419	1384.525	6	449.8113	0	0	1456.375	5
230.8401	296.8648	0	225.5577	0	11.78313	291.0552	1

41.00448	165.9744	0	39.625	0	5.236948	162.4494	0
309.8117	412.9119	0	291.0913	0	22.25703	404.7698	0
157.9432	214.5523	0	153.9279	0	10.4739	208.4767	0
97.19581	70.16803	0	91.44231	0	3.927711	70.39474	0
208.0598	64.77049	0	208.7933	0	11.78313	59.56478	0
212.6158	785.3422	0	196.601	0	22.25703	778.4034	0
198.9477	407.5143	2.5	175.2644	0	11.78313	416.9535	0
627.2167	412.9119	0	594.375	0	22.25703	422.3684	2
113.9013	94.45697	0	109.7308	0	2.618474	94.76215	0
441.9372	777.2459	0	400.8221	0	18.32932	800.0633	0
133.6442	369.7316	5	123.4471	0	20.94779	365.5112	1
41.00448	298.2141	0	36.57692	0	3.927711	301.8851	0
80.49028	194.3115	0	73.15385	0	11.78313	189.5243	0
91.12108	260.4314	0	89.91827	0	1.309237	262.6265	0
209.5785	383.2254	2.5	190.5048	0	27.49398	372.2799	0
164.0179	375.1291	0	156.976	0	18.32932	365.5112	0
63.78475	147.083	0	59.4375	0	11.78313	136.7282	1
109.3453	449.3453	0	97.53846	0	18.32932	445.3821	0
132.1256	337.3463	0	131.0673	0	17.02008	315.4226	0
19.7429	192.9621	0	15.24038	0	10.4739	186.8168	0
83.52765	303.6117	0	73.15385	0	11.78313	293.7627	2
296.1435	887.8955	0	269.7548	0	30.11245	881.288	0
111.8547	208.6051	1	97.12752	0	0	220.9135	1.2
255.6679	460.5568	0	199.651	0	0	510.4336	0
381.7264	996.97	1	329.1544	0	0	1055.171	3.6
424.3377	602.7875	0	365.1275	0	0	653.1355	0
353.3189	567.5685	0	332.7517	0	0	596.878	1.2
355.0943	861.5121	0	284.1879	0	0	912.4687	0
1003.363	847.7372	4.607143	960.1008	0	0	857.2604	10.75097
894.5428	274.0297	3.071429	931.5776	0	0	288.3432	6.648649
1344.581	618.2542	3.071429	1343.883	0	0	687.4783	11.08108
116.1983	141.7395	0	114.7455	0	0	154.651	2.216216
820.7661	1009.725	4.607143	763.6883	0	0	1012.229	5.785714
667.6794	822.0891	0	714.1232	0	0	729.365	5.928571
1198.872	1239.208	1.535714	1296.382	0	0	1061.552	13.33929
407.6164	1291.854	0	353.1011	0	0	1295.848	5.785714
551.481	977.3276	1.535714	601.0965	0	0	881.5146	14.82143
215.7969	534.5604	0	181.3073	0	0	548.1855	0
580.9917	1007.025	3.071429	498.5749	0	0	1028.937	10.21815
355.9727	646.6021	0	371.6181	0	0	602.7907	5.928571
370.7281	1321.552	0	429.8439	0	0	1222.918	14.82143
313.5511	1061.021	1.535714	318.5298	0	0	1027.051	4.446429
188.1307	668.2005	1.535714	217.4908	0	0	612.1259	10.375
645.5464	997.5761	1.535714	674.7351	0	0	921.5229	4.446429
737.7673	797.7909	4.607143	733.4256	0	0	748.4143	5.928571
499.8373	818.0394	1.535714	494.6467	0	0	844.3627	4.072394
354.1283	79.6441	0	336.6439	0	0	73.86923	0

1080.829	448.1668	0	1087.165	0	0	495.723	1.108108
1112.184	395.5207	7.678571	1143.1	0	0	431.6309	7.756757
81.1544	71.5447	0	89.46257	0	0	72.44089	0
1375.936	584.5067	0	1376.168	0	0	661.8391	3.324324
695.3457	213.2842	3.071429	719.5902	0	0	232.9472	2.216216
953.3447	847.4889	3.818182	876.7199	0	0	848.238	0
289.8314	478.5227	0	329.1982	13.36364	0	468.3763	0
238.7919	329.9288	1.272727	273.9911	7.424242	0	317.3281	0
326.2882	613.2647	2.545455	390.5395	13.36364	0	590.2303	0
61.97652	156.1495	1.272727	67.47541	8.909091	0	149.7789	0
353.6307	803.4145	1.272727	332.3186	0	0	800.3435	0
63.79936	100.7416	1.272727	56.77805	0	0	102.0911	0
269.7801	272.0024	1.272727	310.7958	5.939394	0	265.2863	0
858.5571	609.4868	1.272727	773.1835	0	0	616.3275	1
102.3765	500.1488	0	99.4279	0	0	495.498	5.69697
374.314	1394.887	1.333333	356.016	0	0	1403.492	5.69697
580.6667	1081.98	2.666667	567.7012	0	0	1077.771	9.969697
268.7383	869.6055	0	251.7771	0	0	876.5536	2.848485
503.8843	710.0103	0	489.1211	0	0	715.5796	1.424242
375.9137	901.0219	0	386.4859	0	0	894.1601	0
558.2718	1035.484	4	548.4571	0	0	1031.24	12.81818
195.1552	461.1925	0	186.0264	0	0	465.3154	7.121212
263.9394	598.168	0	250.1734	0	0	609.9404	1.424242
260.7401	991.5011	0	267.8139	0	0	983.4504	0
603.4586	800.6853	0	540.6042	0	0	864.276	0
524.2166	361.1536	0	493.5061	0	0	388.4562	0
577.0446	302.7543	0	544.6997	0	0	336.974	0
390.1146	562.4776	0	348.1163	0	0	619.3458	0
457.1656	643.9292	0	432.0738	0	0	673.9481	0
347.867	680.4534	1.5	329.6292	0	0	700.5778	0
382.4377	840.2915	1.5	359.5955	0	0	863.0751	2
583.3795	289.2308	1.5	586.4831	0	0	289.7357	2
568.2548	1166.057	0	567.2191	0	0	1168.141	4
458.0609	1159.968	1.5	443.073	0	0	1183.471	2
187.4776	470.2008	2	166.8293	0	23.93814	461.4329	0
150.3358	351.9205	0	135.2195	0	10.63918	350.1549	1
254.6866	546.1339	2	224.7805	0	29.25773	537.102	2
90.20149	290.59	0	79.02439	0	7.979381	293.774	1
268.8358	245.3222	2	245.8537	0	6.649485	259.6488	0
102.5821	278.9079	0	89.56098	0	7.979381	286.3555	0
316.5896	137.2636	0	314.3415	0	5.319588	133.5336	0
153.8731	546.1339	0	135.2195	0	14.62887	551.9391	0
371.4179	623.5272	0	337.1707	0	22.60825	632.0592	0
579.0642	1087.796	2.769231	581.7963	0	0	1082.878	1.352941
587.313	950.7315	0	599.9259	0	0	937.0818	1.352941
315.1033	1178.757	2.769231	337.8704	0	0	1166.368	1.352941
329.9511	1140.13	1.384615	337.8704	0	0	1132.723	4.058824

600.511	880.953	1.384615	593.3333	0	0	884.7448	1.352941
158.3765	434.8693	0	161.5185	0	0	429.9112	1.352941
348.0984	1378.124	0	349.4074	0	0	1381.946	0
732.4914	1120.193	1.384615	754.8519	0	0	1099.077	2.705882
819.9285	1167.543	1.384615	815.8333	0	0	1172.598	2.705882
927.1626	1290.901	6.923077	896.5926	0	0	1309.672	6.764706
456.4139	1177.062	2.75	420.6564	0	0	1205.616	1.25
540.6067	1342.373	0	495.2889	0	0	1378.026	1.25
396.5926	1803.503	4.125	391.2556	0	0	1817.795	1.25
268.0878	1383.39	0	253.2985	0	0	1395.517	0
383.299	1773.672	4.125	341.5006	0	0	1814.047	1.25
97.21805	403.2698	0	105.1849	0	0	388.8046	1.2
72.91353	398.229	0	79.68553	0	0	386.2717	0
77.77444	456.199	0	66.93585	0	0	452.1278	1.2
38.88722	249.5232	0	44.6239	0	0	245.6941	1.2
119.9023	572.1391	1.333333	117.9346	0	0	569.909	2.4
111.8008	458.7195	0	117.9346	0	0	447.062	2.4
173.3722	650.2726	0	168.9333	0	0	649.6963	4.8
71.29323	480.1432	0	78.09182	0	0	477.4571	0
181.4737	519.2099	1.333333	172.1208	0	0	525.5828	2.4
105.3195	453.6786	0	94.02893	0	0	455.9272	2.4
50.22932	236.921	0	47.81132	0	0	236.8289	1.2
103.6992	429.7344	1.333333	87.65409	0	0	430.5979	8.4
89.11654	580.9606	0	86.06038	0	0	580.0407	2.4
304.611	1803.128	0	289.3929	0	0	1843.989	1.416667
127.5116	403.3788	0	117.2041	0	0	420.8172	0
157.2643	718.594	1.363636	149.0373	0	0	736.1233	2.833333
128.9284	403.3788	0	120.098	0	0	415.9097	1.416667
151.5971	698.0628	0	136.0147	0	0	717.7203	0
69.42297	161.8346	0	69.45429	0	0	165.6278	0
121.8444	461.3494	0	114.3102	0	0	474.7996	0
100.5925	471.0112	0	92.60572	0	0	488.2952	1.416667
293.2766	1084.533	2.727273	245.9839	0	0	1143.445	0
296.1102	230.6747	0	285.052	0	0	244.1476	0
306.0278	307.9689	0	300.9686	0	0	325.1211	0
521.3806	219.8052	0	512.7164	0	0	232.4415	0
196.9345	187.1968	0	189.5523	0	0	187.7115	0
181.3498	246.3751	1.363636	160.613	0	0	263.7775	1.416667
111.9268	733.0867	0	89.94669	0	0	729.7798	0
284.7758	1272.938	1.363636	241.6478	0	0	1273.325	2.4
376.8675	1297.092	0	296.6898	0	0	1325.588	0
359.866	929.9452	0	331.3548	0	0	968.0022	1.416667
338.6141	1099.026	4.090909	324.12	0	0	1137.311	1.416667
170.0154	601.4451	0	154.8252	0	0	631.8392	0
212.5193	830.9121	0	183.9208	0	0	835.0254	2.4
230.9376	607.4837	1.363636	214.1507	0	0	629.3855	1.416667
165.765	659.4157	1.363636	149.0373	0	0	682.141	4.25

372.6171	506.0351	0	316.8271	0	0	528.5723	2.4
77.92374	324.877	0	70.90126	0	0	331.2555	0
167.1818	1054.34	0	127.5363	0	0	1061.896	2.4
65.17258	198.0663	0	56.38449	0	0	197.1753	0
388.2019	1155.789	1.363636	322.5105	0	0	1184.067	2.4
148.7635	728.2558	0	146.1434	0	0	744.7115	0
414.5426	1265.585	1.5	355.0982	0	0	1323.639	3.2
392.335	979.8078	1.5	332.6709	0	0	1034.23	0
233.1802	825.2547	1.5	190.6316	0	0	872.632	0
244.284	1226.218	1.5	214.9278	0	0	1258.999	3.2
429.3477	1565.943	0	373.7875	0	0	1618.923	0
323.8614	1014.801	0	272.8649	0	0	1062.143	4.8
377.5299	1127.071	1.5	310.2436	0	0	1185.545	1.6
322.0108	1615.516	3	267.2581	0	0	1668.872	6.4
173.9598	745.0621	0	156.9908	0	0	756.5749	3.2
401.5881	899.6152	1.5	358.836	0	0	938.7405	1.6
334.9652	616.754	3	297.1611	0	0	655.2085	0
131.3952	647.373	0	106.5294	0	0	665.4921	0
424.9289	398.1085	2.571429	0	0	0	517.6711	70.72146
437.5194	686.574	2.571429	0	0	0	803.9285	78.75799
316.3359	407.2454	0	0	0	0	477.5415	16.07306
221.9073	214.0649	2.571429	0	0	0	280.9068	14.46575
354.1074	479.0355	0	0	0	0	567.1642	43.39726
214.0383	438.572	0	0	0	0	525.697	8.03653
110.1667	206.2333	0	0	0	0	240.7772	11.25114
519.3575	589.9838	1.285714	0	0	0	765.1366	30.53881
371.4193	339.3712	0	0	0	0	424.0355	48.21918
239.2192	101.8114	0	0	0	0	147.1417	30.53881
304.1345	639.0658	0	292.2965	0	0	653.0324	0
513.3369	2020.511	0	477.6525	0	0	2047.664	0
578.383	981.4752	2	569.3053	0	0	980.9258	2.333333
467.6288	475.2406	0	451.2141	0	0	491.2026	0
86.14215	529.849	2	86.36521	0	0	529.6703	0
529.1589	1137.921	2	525.2415	0	0	1142.194	0
462.3548	1040.511	2	437.1137	0	0	1054.902	0
186.3483	519.5177	0	181.5432	0	0	511.916	0
789.3434	802.891	0	779.0494	0	0	801.9031	4.666667
696.1692	397.0178	0	661.2186	0	0	396.5895	0
529.1709	1457.522	2.8	535.2196	0	0	1497.052	2.965517
1388.854	1292.026	2.8	1357.855	0	0	1258.489	6.521739
965.1656	962.487	5.6	979.6693	0	0	1038.202	5.333333
831.5543	1405.26	0	855.2478	0	0	1435.348	0
1316.774	1284.768	0	1342.51	0	0	1381.152	6.666667
634.6535	342.6047	1.4	622.4207	0	0	332.7041	1.304348
1427.531	1190.406	0	1383.157	0	0	1171.697	1.304348
1684.205	1238.313	2.8	1624.366	0	0	1210.754	9.130435
1214.808	1017.652	5.6	1168.936	0	0	1009.685	6.521739

925.6959	847.89	3.846154	785.5497	0	0	805.9319	0
574.8801	551.6517	0	548.2025	0	0	554.0247	1.304348
1528.723	1341.268	0	1230.029	0	0	1194.089	4
859.683	907.3219	1.4	836.6413	0	0	891.0684	2.608696
977.9083	525.3395	0	988.7373	0	0	531.2345	1.433333
926.4887	1080.076	2.8	952.7277	0	0	1110.668	1.482759
919.4565	982.811	1.4	954.5669	0	0	1003.421	2.965517
704.9752	644.5615	2.8	699.3515	0	0	636.2224	1.304348
1363.603	1276.321	0	1131.134	0	0	1031.335	2.965517
664.5403	945.0665	0	684.1982	0	0	963.7545	1.482759
1295.678	901.515	5.6	1262.621	0	0	899.6714	1.433333
629.3794	917.4839	2.8	623.5591	0	0	892.5311	4.3
490.494	932.001	2.8	466.808	0	0	928.2324	0
806.5393	973.0356	4.2	820.0734	0	0	994.5142	5.931034
1252.612	1105.433	0	1037.724	0	0	930.6409	2.666667
1540.282	979.0469	3.846154	1242.729	0	0	843.3446	9.333333
731.3459	360.0253	4.2	713.1311	0	0	354.1563	2.866667
486.9779	776.6675	1.4	513.1487	0	0	780.1123	1.482759
1016.957	515.3737	0	1030.078	0	0	515.526	1.433333
670.6142	300.3974	0	665.6184	0	0	307.4762	2.545455
1062.796	244.8737	1.555556	1055.04	0	0	264.3721	2.545455
606.0994	242.0263	0	602.1445	0	0	248.5672	1.272727
94.93432	117.5889	0	82.31415	0	0	122.4827	0
961.6495	760.6987	0	957.7316	0	0	735.4456	5.733333
938.795	656.1752	0	900.8879	0	0	664.0431	0
893.0858	728.7609	1.4	850.9342	0	0	739.7298	1.433333
664.5403	542.9414	1.4	644.2296	0	0	536.9467	1.433333
849.1348	679.4026	0	806.1482	0	0	689.748	1.433333
919.4565	461.6454	1.4	912.9456	0	0	442.6954	1.433333
2303.857	798.6868	3.111111	2282.958	0	0	789.8022	4.434783
1081.845	518.3671	0	1056.664	0	0	534.3355	2.545455
951.1013	464.5488	1.4	933.2382	0	0	452.5935	0
821.0061	553.1034	1.4	802.7031	0	0	541.2309	1.433333
648.5434	132.4026	1.555556	651.8943	0	0	133.6228	2.545455
824.5041	1443.649	1.923077	1053.846	0	0	1591.173	4
779.2017	1402.707	1.923077	970.4337	0	0	1529.514	1.111111
953.6161	881.1422	0	901.3859	0	0	865.375	1.111111
836.8285	455.8385	1.4	865.3746	0	0	484.8062	4
1063.616	606.8169	2.8	1086.707	0	0	651.6045	1.333333
260.4889	389.8387	0	329.5123	0	0	430.9428	0
874.3368	1240.719	5.769231	698.4679	0	0	1091.204	1.333333
659.2661	545.8448	1.4	677.7774	0	0	577.3134	4
1347.747	1060.931	0	1084.893	0	0	919.7288	0
876.6019	1128.574	0	1051.528	0	0	1244.585	3.333333
1086.471	483.4211	0	1142.948	0	0	492.6005	4
532.3035	1012.869	1.923077	656.8674	0	0	1102.121	4.444444
1227.696	1502.392	1.923077	1516.792	0	0	1663.505	0

1054.826	637.3029	0	1072.278	0	0	664.0504	0
697.7783	401.4789	3.111111	686.2046	0	0	415.2365	2.545455
876.0429	398.6316	0	941.6922	0	0	415.7661	1.482759
731.7335	452.7316	3.111111	781.6781	0	0	473.0624	1.482759
1149.76	731.6644	2.8	1186.311	0	0	747.7912	1.482759
989.7926	676.25	0	1079.866	0	0	700.7142	2.965517
935.4644	533.8816	3.111111	987.6733	0	0	568.5564	2.965517
854.4089	381.801	1.4	903.0681	0	0	381.9759	1.482759
903.6341	1020.556	0	906.7466	0	0	1059.248	2.965517
808.6483	1028.889	3.846154	680.3259	0	0	874.5218	1.333333
1234.146	805.7018	2.8	1285.631	0	0	819.779	1.482759
1117.124	326.0237	1.555556	1103.074	0	0	344.8331	5.090909
898.1137	647.7763	1.555556	939.853	0	0	693.4331	2.965517
1249.55	710.4184	1.555556	1327.933	0	0	753.6678	1.482759
909.998	298.9737	3.111111	864.6177	0	0	340.5227	5.090909
1522.889	552.3895	3.111111	1555.453	0	0	546.9431	4.3
845.4832	234.9079	0	838.8851	0	0	241.3832	0
835.2967	333.1421	0	814.8679	0	0	359.2012	0
687.5918	462.6974	7.777778	681.4727	0	0	483.9755	0
719.8492	478.3579	4.666667	684.489	0	0	515.8129	2.545455
1154.475	495.4421	1.555556	1243.328	0	0	517.1366	2.965517
916.7891	449.8842	3.111111	912.9456	0	0	461.2601	5.733333
1297.62	642.3339	4.666667	1323.9	0	0	641.5231	4.3
1215.594	486.9	3.111111	1216.298	0	0	504.3184	3.818182
804.7371	355.9211	4.666667	816.4834	0	0	358.4405	4.3
894.7182	642.0816	0	856.7391	0	0	654.6489	4.434783
1123.915	351.65	3.111111	1111.651	0	0	369.2588	1.272727
541.5847	176.5368	0	524.9465	0	0	189.6582	3.818182
1006.77	277.6184	0	997.8491	0	0	271.7145	0
528.0026	382.9711	0	500.6044	0	0	394.1972	1.478261
1003.375	539.5763	1.555556	962.5716	0	0	557.5074	1.478261
765.6886	408.5974	0	742.8164	0	0	428.1678	2.545455
1237.665	340.2605	1.555556	1216.234	0	0	339.2911	7.391304
1215.594	297.55	4.666667	1191.121	0	0	306.719	8.664032
1130.707	233.4842	1.555556	1102.002	0	0	242.1497	2.956522
972.8151	360.1921	0	960.6864	0	0	375.006	2.545455
1023.748	585.1342	1.555556	1016.328	0	0	574.4016	4.434783
202.4016	494.4455	0	163.8086	0	0	484.9378	1.142857
676.6564	1116.577	4	587.4086	0	0	1067.9	6.857143
222.2449	675.1082	0	244.3439	0	0	662.754	2.076923
236.1352	853.0543	0	244.3439	0	0	865.8339	0
55.56123	123.6114	2	59.04977	0	0	126.2389	0
470.2861	1126.086	0	480.543	0	0	1133.405	4.153846
301.6181	1078.543	0	333.9367	0	0	1066.17	4.153846
81.35752	292.0488	2	89.59276	0	0	293.6426	0
194.4643	751.1768	2	217.8733	0	0	743.7116	2.076923
367.101	1211.663	2	399.095	0	0	1202.014	6.230769

126.9971	563.7222	0	126.2443	0	0	572.1914	0
484.1764	1227.963	0	492.7602	0	0	1232.201	8.307692
384.4984	446.6013	0	376.3626	0	0	458.726	0
284.6767	603.581	2	273.8877	0	0	612.0403	0
402.9839	408.8775	0	396.8576	0	0	418.5723	0
319.7991	455.1196	0	292.5195	0	0	474.5441	0
86.88185	305.4412	0	93.15907	0	0	301.7614	0
242.16	243.3794	0	242.2136	0	0	243.356	0
269.4194	263.5448	0	275.5685	0	0	258.9233	0
156.9845	451.5797	0	158.6607	0	0	451.9933	1.333333
167.5916	344.9772	0	150.3101	0	0	360.6967	1.333333
203.6556	581.8715	0	189.9753	0	0	597.17	0
163.3488	570.0268	0	154.4854	0	0	576.2167	1.333333
146.5594	473.2005	0	101.526	0	0	562.7899	3.666667
131.9035	430.0669	0	95.6687	0	0	515.4122	9.166667
482.0177	1220.426	2.285714	449.0572	0	0	1447.174	11
379.4261	537.9008	1.142857	0	0	0	726.7722	74.96037
682.3156	1184.904	0	0	0	0	1559.043	140.3104
407.1096	1110.055	3.428571	298.7206	0	0	1323.705	14.66667
182.3851	553.1245	1.142857	160.0986	0	0	644.6242	11
296.3758	724.3901	0	263.577	0	0	861.4132	7.333333
499.1244	905.5331	0	0	0	0	1025.687	57.66182
443.0213	583.6327	4.222222	0	0	0	707.7237	80.72655
739.0137	1525.267	0	0	0	0	1705.57	111.4795
573.2103	945.1324	0	0	0	0	1296.761	88.4148
584.2464	1523.763	4.222222	0	0	0	1695.313	86.49273
272.7773	481.3465	1.407407	0	0	0	527.4959	51.89564
211.697	343.7998	0	206.9568	0	0	410.6069	3.666667
671.303	1398.913	5.62963	486.1532	0	0	1421.332	22
499.1244	568.5906	0	0	0	0	734.0985	57.66182
773.8363	1227.434	1.407407	650.1567	0	0	1237.564	16.5
895.7155	1242.476	2.814815	650.1567	0	0	1286.377	29.33333
388.8527	512.9349	0	0	0	0	630.0646	63.42801
261.1698	719.0114	0	0	0	0	786.8481	38.44122
150.8981	345.9678	1.407407	0	0	0	386.8303	19.22061
400.4603	869.4322	0	0	0	0	990.5201	67.27213
464.3018	905.5331	2.814815	0	0	0	1057.922	61.50594
282.4503	902.5247	0	0	0	0	967.0758	40.36328
491.3861	1409.443	0	0	0	0	1491.641	73.03831
464.3018	818.2891	2.814815	376.8175	0	0	822.6496	9.166667
400.4603	631.7673	4.222222	331.9118	0	0	650.3669	3.666667
553.293	788.2049	0	402.199	0	0	803.9856	34.83333
533.947	589.6495	2.814815	0	0	0	719.4458	88.4148
299.8616	795.726	0	0	0	0	839.5977	57.66182
417.8716	527.977	0	0	0	0	646.1825	74.96037
692.5835	1102.584	4.222222	0	0	0	1248.407	121.0898
335.0324	479.3395	0	342.4092	0	0	477.1952	1.2

159.8143	437.1179	1	159.3974	0	0	433.7008	2.4
100.1246	296.7931	0	86.58623	0	0	306.9459	0
100.1246	271.9569	1	94.4577	0	0	278.3639	2.4
182.92	335.2893	1	173.1725	0	0	347.9548	2.4
417.8277	750.0546	1	397.5095	0	0	763.0152	4.8
129.0067	165.161	0	129.8793	0	0	166.5212	0
198.3238	365.0928	0	184.9797	0	0	371.5661	0
165.5907	480.5813	0	141.6866	0	0	499.5637	0
65.4661	233.4607	0	66.90754	0	0	232.3841	0
246.4606	507.9012	1	234.1764	0	0	513.2334	6
227.2059	722.7347	0	200.7226	0	0	736.9186	4.8
63.54062	285.6168	0	59.03607	0	0	289.5481	0
51.98778	319.1457	0	57.0682	0	0	316.8874	0
259.9389	352.6747	0	255.823	0	0	357.8964	1.2
179.069	309.2112	0	169.2367	0	0	318.1301	1.2
269.5663	512.8684	1	247.9515	0	0	523.1749	3.6
515.004	1331.17	2.571429	464.329	0	0	1360.956	2.588235
217.2941	781.4768	1.285714	213.0255	0	0	780.0293	3.882353
123.1903	909.4009	1.285714	113.1698	0	0	907.3039	2.588235
54.75126	341.9753	0	34.94949	0	0	360.4013	0
106.0806	657.3525	0	100.9589	0	0	620.616	2.75
143.7221	626.9547	3.857143	116.2557	0	0	607.2824	4.125
138.5891	696.6163	0	117.7854	0	0	669.1016	4.125
126.6123	483.8317	1.285714	108.177	0	0	501.5374	0
208.7392	963.8637	2.571429	198.0471	0	0	966.5307	0
479.0735	1253.909	0	451.0149	0	0	1257.624	6.470588
265.2014	611.7558	1.285714	292.9101	0	0	589.7475	1.294118
313.1088	979.0626	2.571429	314.5455	0	0	971.5713	2.588235
372.993	943.5985	1.285714	397.7585	0	0	926.2061	1.294118
249.8026	623.155	0	256.2963	0	0	612.4301	0
278.8892	995.528	0	305.8589	0	0	1041.855	0
133.4562	539.561	0	134.8052	0	0	533.0411	1.294118
275.4673	1018.326	1.285714	289.5706	0	0	1075.205	1.416667
713.4773	911.9341	2.571429	740.2147	0	0	973.8213	2.833333
123.1903	373.6397	0	119.9817	0	0	346.8131	0
653.5932	984.1289	0	675.0613	0	0	1047.191	2.833333
319.9527	691.55	2.571429	305.2767	0	0	758.9823	4.25
195.0514	1003.127	0	188.2209	0	0	1076.539	1.416667
78.70493	162.1216	0	76.01227	0	0	176.0882	0
314.8197	906.8678	1.285714	318.5276	0	0	959.1472	1.416667
195.0514	1323.571	5.142857	208.1288	0	0	1399.368	0
451.6979	782.7434	1.285714	439.7853	0	0	852.4271	2.833333
287.4441	1056.324	0	250.7309	0	0	1009.13	2.8
227.5599	1749.14	1.285714	192.2783	0	0	1676.263	0
386.6808	1372.967	2.571429	352.2538	0	0	1304.162	2.8
106.0806	794.1426	0	90.75535	0	0	752.6325	1.4
439.721	875.2034	0	474.3146	0	0	837.996	0

86.20892	650.3266	0	0	0	0	684.7922	14.81102
96.55399	514.7901	0	0	0	0	540.4237	11.51969
72.41549	373.0363	0	0	0	0	388.3896	8.228346
184.4871	974.8682	0	0	0	0	1014.412	31.26772
43.10446	197.7092	0	0	0	0	208.2484	8.228346
34.48357	200.1961	0	0	0	0	209.526	3.291339
56.89789	266.0992	0	0	0	0	273.4058	11.51969
93.10563	564.5282	0	0	0	0	539.4376	16.13744
89.65728	304.6463	0	0	0	0	323.2321	14.81102
17.24178	73.3638	0	0	0	0	61.05806	3.954545
93.10563	951.2425	1.333333	0	0	0	897.0839	17.13636
74.13967	348.1672	1.333333	0	0	0	366.6705	13.16535
260.3509	1076.831	0	0	0	0	1153.67	39.49606
122.4167	627.9444	1.333333	0	0	0	661.7955	27.97638
144.831	997.2503	0	0	0	0	1034.854	16.45669
86.837	483.0458	1.333333	0	0	0	507.677	14.23077
116.2996	662.2402	2.666667	0	0	0	711.5369	16.81818
55.82379	332.4186	0	0	0	0	344.589	12.93706
88.38767	651.8521	0	0	0	0	653.667	20.6993
15.50661	205.1646	0	0	0	0	198.599	2.587413
51.17181	519.4041	0	0	0	0	530.0358	9.055944
57.37445	409.0307	0	0	0	0	415.6112	7.762238
65.12775	296.0603	0	0	0	0	324.8606	11.64336
12.40529	120.7615	0	0	0	0	122.316	2.587413
176.7753	980.3752	1.333333	0	0	0	1032.452	29.75524
52.72247	250.6125	1.333333	0	0	0	264.3603	10.34965
55.82379	285.6723	0	0	0	0	301.1866	6.468531
12.40529	186.9855	0	0	0	0	186.762	2.587413
46.51982	460.9711	0	0	0	0	466.905	10.34965
32.56388	259.702	0	0	0	0	274.8821	2.587413
97.69163	697.3	1.333333	0	0	0	739.1566	16.81818
32.56388	171.4034	0	0	0	0	164.4032	7.762238
348.5711	642.2946	1.727273	318.7711	0	0	669.4399	0
595.9441	1697.399	0	528.7402	0	0	1754.303	1.416667
335.4528	1353.171	1.727273	313.0447	0	0	1378.57	1.416667
314.8384	1014.219	1.727273	251.9628	0	0	1067.664	5.666667
324.2086	1030.045	1.727273	314.9535	0	0	1051.788	0
271.7355	1151.382	0	244.3276	0	0	1184.088	0
194.9	643.6135	1.727273	192.7897	0	0	652.2409	0
646.5431	1434.941	1.727273	610.8189	0	0	1484.41	0
58.09518	109.467	0	51.53785	0	0	115.1013	0
369.1855	1382.186	3.454545	332.1328	0	0	1428.844	2.833333
333.5788	1198.862	0	322.5888	0	0	1203.933	0
833.9469	1908.419	5.181818	830.332	0	0	1927.617	5.666667
216.3268	1088.136	1.5	0	0	0	1128.304	45.105
111.0098	826.5759	0	0	0	0	838.8952	22.41
79.69935	344.2179	0	0	0	0	369.4964	5.82

206.3644	1021.331	0	0	0	0	1071.633	3
55.5049	363.4669	0	0	0	0	359.8185	1.5
176.4771	612.572	1.5	0	0	0	652.738	53.835
101.0474	334.0272	1.5	0	0	0	352.0123	37.83
111.0098	857.1479	3	0	0	0	877.6995	36.375
197.8252	430.2724	1.5	0	0	0	483.7255	37.83
163.6683	655.5992	0	0	0	0	690.0374	40.74
106.7402	404.2296	0	0	0	0	421.2781	0
82.54575	917.1595	0	0	0	0	902.8985	6
118.1258	492.5486	0	0	0	0	516.3624	30.555
15.65523	91.71595	0	0	0	0	96.10058	0
102.7341	595.3547	2.8	107.7877	0	0	592.4195	1.166667
295.7496	552.0098	1.4	301.4931	0	0	550.3768	0
386.031	390.1039	0	387.4108	0	0	393.6723	1.166667
110.5169	184.8532	0	107.7877	0	0	187.281	0
225.7036	323.8117	0	223.3861	0	0	326.1492	0
179.0063	399.0279	1.4	170.2733	0	0	406.4125	0
222.5905	285.5663	0	226.5104	0	0	285.3806	0
208.5813	662.9217	0	207.7647	0	0	663.7647	1.166667
163.4406	258.7944	0	160.9005	0	0	262.4482	0
305.089	450.0218	1.4	303.0552	0	0	458.6474	1.166667
59.14991	353.1333	0	48.42635	0	0	364.3699	0
236.5997	163.1807	0	245.256	0	0	160.5266	2.333333
214.8076	460.2206	0	224.9482	0	0	453.5513	0
384.3042	1470.678	0	337.3681	0	0	1351.865	1.5
430.3499	1411.738	3.058824	386.9341	0	0	1285.422	1.5
910.7096	1566.287	0	845.8907	0	0	1744.916	1.428571
825.863	1304.47	1.285714	732.8622	0	0	1285.411	1.428571
759.7535	1142.301	3.058824	748.3957	0	34.71508	1180.583	3.666667
646.4103	1389.285	0	628.6365	0	44.06145	1428.442	2.444444
619.8455	1225.097	0	593.9357	0	26.70391	1281.4	0
991.7528	1226.5	1.529412	940.6888	0	0	1372.507	0
866.0127	1160.544	0	893.6617	0	32.04469	1173.278	2.444444
922.6843	1000.566	1.529412	928.5991	0	42.72626	1018.399	1.222222
1119.264	1745.728	1.529412	1097.77	0	40.05587	1824.936	1.222222
1273.205	1488.556	0	1143.046	0	0	1459.602	0
1399.486	1199.873	1.285714	1281.597	0	0	1223.844	4.285714
1275.117	1272.731	2.571429	1095.647	0	0	1306.434	0
380.7622	1270.003	3.058824	334.858	0	0	1124.157	5
396.7011	1166.157	1.529412	359.8398	0	0	1042.557	1
329.4036	1279.826	1.529412	264.3408	0	0	1426.566	1.428571
692.456	1198.434	1.529412	625.3028	0	0	1354.487	1.428571
715.4788	1681.175	1.529412	663.5866	0	0	1844.024	0
952.7911	1215.274	1.529412	920.6353	0	0	1348.48	7.142857
1462.835	1344.379	3.058824	1365.457	0	0	1546.698	5.714286
556.0899	754.9852	0	528.6817	0	0	843.9264	2.857143
867.9209	902.9726	2.571429	751.0926	0	0	911.5006	7.142857

1135.705	1117.31	2.815126	1055.774	0	18.69274	1137.293	4.285714
552.5356	533.8658	0	525.0356	0	0	572.1281	0
1170.563	1344.265	0	1057.363	0	0	1497.144	2.857143
1103.479	2623.683	1.297297	1091.869	0	62.32159	2734.661	1.3
1023.517	1075.432	3.891892	1013.179	0	38.45374	1117.436	1.3
842.8021	1210.523	0	812.8803	0	46.40969	1272.443	0
1239.415	1713.804	1.297297	1257.624	0	58.34361	1758.36	3.9
767.6376	1030.401	1.297297	720.6859	0	0	1034.698	4.333333
1087.487	1225.092	2.594595	1056.586	0	0	1215.836	7.222222
470.178	1344.29	3.891892	444.7121	0	0	1342.241	0
965.9439	1501.896	5.189189	924.1181	0	0	1496.012	2.888889
927.562	515.2007	0	914.6006	0	0	502.4769	1.391304
1135.464	1071.458	1.297297	1122.819	0	0	1047.73	2.888889
658.8889	789.3563	0	636.4489	0	0	784.2275	0
500.5637	445.0062	1.297297	485.6035	0	0	442.8223	1.391304
537.3463	207.9345	1.297297	517.0165	0	0	212.9359	0
1447.317	924.4475	0	1403.33	0	0	911.4697	1.391304
1023.517	1640.96	0	971.1738	0	0	1628.181	4.173913
762.8398	931.0696	2.594595	738.595	0	0	920.5584	1.391304
1074.693	1768.105	3.891892	1056.034	0	0	1737.246	1.391304
1021.917	1123.111	2.594595	972.7453	0	0	1121.809	0
1001.127	1120.462	3.891892	976.4073	0	7.955947	1109.957	5.382609
935.5583	671.4826	0	908.3147	0	0	664.7756	0
745.2481	1209.198	2.594595	730.7376	0	0	1195.817	4.173913
997.9288	1301.908	0	999.4605	0	0	1263.333	5.565217
889.1802	1998.555	1.297297	836.0267	0	0	1995.625	1.391304
812.4164	455.6016	1.297297	787.3108	0	0	450.5413	5.565217
1567.26	1440.973	3.891892	1554.519	0	18.56388	1470.102	7.222222
1010.723	739.0282	1.297297	1017.673	0	18.56388	735.7441	2.744444
1288.991	1384.022	1.297297	1323.529	0	50.38767	1359.96	3.991304
235.0846	400.471	1	229.4215	0	0	403.8233	2
389.9854	330.7645	0	385.9262	0	0	328.6286	0
326.2027	366.3012	1	343.2431	0	0	360.656	0
400.9195	370.4015	0	385.9262	0	0	380.1509	0
233.2623	263.7915	1	227.6431	0	0	272.9289	0
158.5455	38.27027	0	161.84	0	0	34.81235	0
461.3013	134.2129	1	450.3367	0	0	146.5714	0
300.522	196.6685	0	299.217	0	0	203.8675	0
73.62789	65.11321	1	74.04865	0	0	69.28831	0
94.66443	357.4582	0	80.09344	0	0	373.0909	0
28.54959	156.8032	0	27.20154	0	0	159.8961	0
351.6107	261.7817	1	340.0193	0	0	273.1558	2
52.59135	6.644205	0	55.91429	0	0	5.32987	0
296.0142	231.2183	0	290.1498	0	0	239.8442	1
108.1879	107.6361	0	105.7838	0	0	111.9273	0
166.7897	308.2911	3	160.1869	0	0	315.7948	0
81.14094	146.1725	0	74.04865	0	0	153.2338	0

43.48291	505.1473	0	0	0	0	527.5731	1.846667
41.50641	293.853	0	0	0	0	302.2851	7.386667
53.36538	570.9144	0	0	0	0	583.1822	12.92667
53.36538	400.1998	0	0	0	0	430.6137	9.233333
27.67094	155.3223	0	0	0	0	156.8461	7.386667
7.905983	48.9755	0	0	0	0	51.33144	0
7.905983	141.3293	0	0	0	0	145.4391	1.846667
25.69444	174.9125	0	0	0	0	179.66	7.386667
15.81197	114.7426	0	0	0	0	122.6251	1.846667
39.52991	365.2173	0	0	0	0	375.0047	11.08
27.67094	142.7286	0	0	0	0	148.2908	1.846667
270.7799	1227.186	1	0	0	0	1311.803	40.62667
55.34188	411.3942	0	0	0	0	433.4655	3.693333
146.2607	1291.554	0	0	0	0	1327.488	27.7
49.41239	295.2523	0	0	0	0	302.2851	9.233333
156.1432	1056.471	0	0	0	0	1093.645	22.16
371.5812	2082.158	0	0	0	0	2184.438	49.86
21.74145	211.2943	0	0	0	0	212.4551	0
106.7308	961.319	0	0	0	0	1009.518	24.00667
328.0983	1542.028	0	0	0	0	1634.051	36.93333
303.7478	600.953	3.521739	275.8291	0	0	588.2045	3.428571
460.5208	1583.719	3.521739	426.5382	0	0	1536.45	2.285714
499.7141	1084.942	3.521739	478.1056	0	0	1091.545	3.166667
605.5359	1146.785	1.173913	604.4343	0	0	1139.879	1.583333
423.2872	766.3159	0	439.0684	0	0	802.1432	3.333333
415.4486	1290.637	3.521739	432.7357	0	0	1344.811	5
580.0603	1790.759	5.869565	569.4509	0	0	1795.075	11.08333
264.5545	637.2521	0	265.9741	0	0	668.2202	1.666667
487.9561	1192.495	2.347826	454.6602	0	0	1202.246	3.166667
201.8453	622.4636	3.521739	191.2727	0	0	610.6904	2.285714
178.3293	486.6778	0	154.9309	0	0	479.7356	0
555.0792	1198.047	0	0	0	0	1416.928	151.6667
289.784	582.3652	0	0	0	0	681.7431	71.94444
122.4439	668.987	0	0	0	0	659.0784	8
159.1771	935.5158	1.777778	0	0	0	1038.503	35
57.1405	413.1195	1.777778	0	0	0	419.5312	4
189.7881	660.9912	0	0	0	0	725.0742	87.5
369.3725	1341.972	1.777778	0	0	0	1340.169	12
455.0833	958.1707	3.555556	0	0	0	1148.275	126.3889
308.1506	1132.747	0	0	0	0	1148.532	10
306.1098	1307.323	0	0	0	0	1292.26	14
281.6211	1724.441	1.777778	0	0	0	1698.843	8
306.1098	723.6254	1.777778	0	0	0	754.8973	4
26.52952	159.9172	0	0	0	0	154.0871	2
169.3808	1424.596	1.777778	0	0	0	1575.809	31.11111
38.77391	329.1629	0	0	0	0	356.7596	3.888889
226.5213	1083.439	0	0	0	0	1208.939	40.83333

220.3991	1151.404	1.777778	0	0	0	1152.416	4
108.1588	526.3942	0	0	0	0	584.9702	11.66667
269.3767	1064.782	0	0	0	0	1059.187	12
550.1433	290.3822	3.545455	531.1037	0	0	316.4756	3.2
202.8653	206.0331	1.181818	208.6479	0	0	209.5957	0
471.0602	452.1665	1.181818	446.61	0	0	476.1014	0
195.9885	412.0661	1.181818	179.3337	0	0	426.1316	1.6
242.4069	399.6212	3.545455	239.6864	0	0	409.475	1.6
256.1605	475.6736	0	267.2762	0	0	474.7134	0
424.6418	1294.275	0	410.3983	0	0	1313.096	0
656.7335	1028.783	2.363636	625.9437	0	0	1067.411	1.6
145.8594	638	0	0	0	0	734.4323	18.21429
80.22266	447.8402	0	0	0	0	514.9804	16.39286
72.92969	427.1706	0	0	0	0	475.4791	10.92857
187.7939	1085.84	0	0	0	0	1050.532	20.05405
80.22266	587.0151	0	0	0	0	562.0024	5.72973
364.6484	1295.292	3.666667	0	0	0	1486.421	63.75
41.93457	290.7516	1.833333	0	0	0	318.9367	3.642857
253.4307	968.7127	1.833333	0	0	0	1132.372	18.21429
204.2031	1266.354	0	0	0	0	1386.936	43.71429
178.6777	932.8855	1.833333	0	0	0	1050.443	29.14286
136.7432	1204.346	1.833333	0	0	0	1162.675	12.89189
120.334	425.7927	0	0	0	0	422.7908	14.32432
76.35403	349.4088	0	0	0	0	376.0501	14.25882
272.693	1437.568	0	0	0	0	1516.948	33.86471
350.8649	1084.415	2.444444	0	0	0	1186.789	64.16471
483.5755	1146.809	2.444444	0	0	0	1332.11	65.94706
196.3389	888.4966	0	0	0	0	966.2576	23.17059
169.0696	934.6685	3.666667	0	0	0	991.7525	32.08235
150.8901	680.0992	0	0	0	0	739.3528	12.47647
136.3465	983.3361	0	0	0	0	1031.27	8.911765
76.35403	502.899	1.222222	0	0	0	523.9207	12.47647
152.7081	763.7077	0	0	0	0	808.1891	17.82353
101.8054	536.592	1.222222	0	0	0	572.361	17.82353
946.583	906.9439	0	1008.72	0	0	884.6596	0
937.3254	1201.273	0	983.2302	0	0	1194.393	1.714286
1740.417	1220.096	1.916667	1815.729	0	0	1185.649	6.857143
1448.804	1603.408	3.833333	1423.335	0	1.358974	1600.425	5.2
687.372	862.4523	0	685.4356	0	0	850.3649	2.6
687.372	2453.882	0	695.6817	0	0	2493.711	6.857143
657.285	1095.178	1.916667	633.0704	0	0	1136.685	3.428571
1175.707	1168.76	7.666667	1162.211	0	0	1183.601	1.714286
657.285	1623.943	0	657.8341	0	0	1598.941	2.6
629.5124	1543.516	0	633.0704	0	0	1572.122	0
421.2179	732.4	1.916667	405.8143	0	0	757.2068	3.428571
879.4659	1742.017	3.833333	855.6301	0	6.794872	1719.332	2.6
1263.654	1439.132	1.916667	1141.238	0	44.84615	1363.909	1

803.1106	409.0183	1.514706	779.3348	0	0	429.9096	6.237288
765.4942	492.6811	0	714.8643	0	0	554.5674	3.118644
1474.564	664.6547	4.544118	1418.351	0	0	746.3487	3.118644
1341.025	396.6238	9.088235	1293.203	0	0	444.2932	9.355932
1036.332	364.0882	0	1006.878	0	0	386.7588	1.559322
2067.022	508.1742	4.544118	2023.237	0	0	554.5674	4.677966
2824.993	580.9919	9.088235	2776.025	0	0	616.8963	12.47458
2524.062	536.0618	1.514706	2440.399	0	0	602.5127	12.47458
1320.336	455.4976	3.029412	1264.76	0	0	505.0239	4.677966
1777.376	429.1593	6.058824	1753.977	0	0	463.4713	4.677966
863.2969	266.4816	3.029412	858.9749	0	0	286.0737	0
951.6954	314.5103	1.514706	942.4073	0	0	326.0281	1.559322
1822.516	495.7797	1.514706	1740.704	0	0	572.1474	6.237288
1602.46	670.852	4.544118	1518.85	0	0	754.3395	12.47458
1705.905	467.8921	7.573529	1693.299	0	0	495.4349	4.677966
1679.573	591.8371	3.029412	1575.735	0	0	677.627	4.677966
1512.18	604.2316	1.514706	1605.761	0	0	0	212.2925
1248.865	430.7086	0	1298.697	0	0	0	119.2104
1751.044	721.9792	7.573529	1849.605	0	0	0	199.2283
1734.117	531.4139	4.544118	1847.799	0	0	0	156.7698
1862.013	449.3004	6.058824	1929.08	0	0	0	130.6415
663.9298	280.4254	1.514706	711.6645	0	0	0	80.01792
1186.798	314.5103	1.514706	1257.153	0	0	0	84.91698
1092.757	303.6651	3.029412	1172.259	0	0	0	89.81604
1258.269	334.6513	1.514706	1333.016	0	0	0	60.4217
1367.357	371.8348	1.514706	1398.041	0	0	0	133.9075
1559.201	399.7224	4.544118	1638.273	0	0	0	111.0453
1455.755	416.7648	6.058824	1490.16	0	0	0	142.0726
1690.858	672.4013	3.029412	1827.93	0	0	0	143.7057
1040.094	254.0871	0	1085.559	0	0	0	66.95377
232.0463	671.4416	0	0	0	0	780.198	23.47059
403.0278	916.7234	0	0	0	0	1087.066	39.11765
274.7917	416.5679	0	0	0	0	529.7819	33.25
409.1343	1740.267	5	0	0	0	1930.954	37.16176
285.4634	820.8162	3	245.8598	0	0	848.497	2
242.5366	594.1838	0	228.1402	0	0	601.503	2
1796.377	349.8002	0	1780.347	0	0	348.7519	10.09091
2098.943	353.8363	4.090909	2103.261	0	0	331.3143	3.363636
1642.501	207.1893	1.363636	1640.474	0	0	191.8135	0
2214.783	590.6242	4.090909	2239.679	0	0	549.9549	6.727273
1592.361	216.607	1.363636	1593.85	0	0	202.5444	6.727273
2053.991	511.2464	1.363636	2085.993	0	0	476.1805	5.045455
848.9136	142.6108	1.363636	856.5004	0	0	130.1113	3.363636
928.4452	121.0847	1.363636	929.0266	0	0	118.0391	0
1175.685	335.001	0	1182.868	0	0	327.2902	1.681818
525.0784	992.5686	1.692308	472.7811	0	0	1020.53	1.32
285.0426	1582.658	0	249.3224	0	0	1465.565	0

1111.335	135.3381	1.888889	1110.802	0	0	133.6337	26.66667
449.5946	905.3649	0	461.163	0	0	987.9509	0
1317.643	225.5634	0	1358.961	0	0	197.7093	1.333333
780.1165	825.8043	0	715.5349	0	0	772.4322	0
540.0807	803.3552	0	506.2033	0	0	773.2984	5.333333
965.3632	897.5869	0	1037.717	0	0	854.6143	1.333333
634.3804	1661.23	0	587.3316	0	0	1684.354	0
422.3464	430.9039	0	447.7952	0	0	419.335	0
500.1983	749.8039	1.888889	493.8802	0	0	734.7707	10.66667
860.2632	194.4512	0	860.5456	0	0	176.9817	5.333333
743.4854	833.8069	1.888889	776.8606	0	0	858.9724	2.64
535.7943	960.4985	1.692308	487.3603	0	0	982.1397	1.32
883.6187	611.3547	1.888889	897.5374	0	0	605.8833	2.666667
552.9397	1544.174	0	501.9394	0	0	1553.188	3.96
340.7652	1281.199	1.692308	321.2081	0	0	1247.257	9.266667
702.6131	409.1254	3.777778	716.4724	0	0	404.9851	4
396.4878	795.3377	0	368.916	0	0	729.8456	5.333333
816.5505	1075.951	1.692308	764.1832	0	0	979.491	10.66667
731.8076	966.0337	0	788.1696	0	0	1038.186	3.111111
408.7223	592.6873	1.888889	416.6443	0	0	596.3167	1.333333
975.1456	750.4396	3.384615	889.3283	0	0	767.7965	6.6
663.6872	569.3532	0	656.1174	0	0	578.778	2.666667
813.5521	486.9059	5.666667	810.8045	0	0	472.8577	21.33333
523.5538	298.6771	1.888889	531.5135	0	0	296.5639	2.666667
634.4928	878.9195	0	681.2636	0	0	936.0416	9.333333
143.5929	248.543	3.384615	129.7287	0	0	232.0233	5.333333
398.9908	819.8064	3.777778	406.9096	0	0	827.509	1.333333
681.2039	42.00146	5.666667	689.2153	0	0	31.88859	5.333333
1086.034	269.1205	0	1090.284	0	0	242.3533	14.66667
1331.267	132.2268	5.666667	1331.704	0	0	110.0156	9.333333
369.7964	628.4664	1.888889	395.228	0	0	621.8276	2.666667
501.5035	1560.209	0	435.2919	0	0	1586.78	1.32
620.8687	281.5654	1.888889	624.6663	0	0	331.5496	6.222222
507.933	1133.677	3.384615	458.202	0	0	1148.496	1.32
578.6578	1120.849	1.692308	522.7668	0	0	1150.095	2.64
414.5612	1011.146	1.888889	433.9125	0	0	1069.822	6.222222
552.9397	744.0256	0	533.1805	0	0	745.4025	1.32
1397.352	1346.943	3.384615	1328.786	0	0	1351.642	5.28
722.0761	448.0156	0	728.154	0	0	444.8459	2.666667
392.2014	1202.628	1.692308	362.3961	0	0	1209.28	0
766.8409	569.3532	1.888889	732.5686	35.3913	0	529.8343	4
372.9128	243.7325	0	344.5919	0	0	221.7438	5.333333
720.1075	962.1021	1.692308	641.4827	0	0	1002.934	2.64
1435.929	210.0589	5.076923	1319.584	0	0	193.8423	26.66667
651.5259	732.8011	0	788.9949	0	0	917.08	0
1093.02	758.4571	1.692308	992.9373	0	0	744.5987	4
762.9711	1900.152	1.692308	691.4684	0	0	1927.489	0

762.9711	620.5558	0	731.0404	0	0	611.0381	5.28
990.6651	897.5869	1.888889	1000.725	0	0	892.8806	8
829.1224	365.5683	1.888889	900.2564	1.608696	0	374.8328	4.111111
595.5668	224.0078	0	611.3378	0	0	215.248	0
698.7205	535.1298	1.888889	698.95	0	0	540.5117	4
652.0094	521.1293	1.888889	663.9051	0	0	519.7841	1.333333
469.3558	197.2309	0	431.1264	0	0	203.1462	3.96
921.5662	843.4428	3.384615	834.5897	0	0	868.2662	7.92
471.499	1095.193	1.692308	422.7954	0	0	1116.504	3.96
707.2485	1651.609	3.384615	603.9935	0	0	1708.347	2.64
666.5281	1430.325	1.692308	568.587	0	0	1479.608	5.28
205.745	841.8393	0	187.4463	0	0	847.7754	0
720.1075	710.352	0	662.8326	0	0	647.6095	13.33333
627.9509	760.0606	0	765.0051	0	0	946.92	0
292.1277	772.0309	2.5	277.6915	0	0	783.3821	3.5
336.2225	847.0895	2.5	308.3457	0	0	880.6296	3.5
363.7817	970.4	1.25	362.4415	0	0	958.0673	7
420.7374	990.0582	0	396.7021	0	0	1010.293	1.75
371.1308	1272.421	3.75	349.8191	0	0	1287.628	5.25
112.6069	176.9603	0	91.40896	0	5.16129	192.1719	0
122.7126	220.3215	0	101.8985	0	6.193548	233.6905	0
127.0437	110.1607	0	121.3791	0	5.16129	113.8797	0
135.7057	304.6999	0	92.90746	0	7.225806	338.0802	0
129.931	339.8576	0	94.40597	0	8.258065	364.1777	0
241.3559	88.87618	0	217.1549	0	0	109.8627	0
238.2214	158.8115	0	203.1949	0	0	191.5173	0
459.2031	241.8598	0	376.9189	0	0	322.1648	1.307692
700.559	731.4073	1.125	575.4605	0	0	862.5703	2.615385
304.0457	75.7633	0	254.3815	0	0	120.2551	0
443.5306	132.5858	0	406.3899	0	0	158.8555	1.307692
390.2443	218.548	0	344.3456	0	0	264.2642	1.307692
297.7768	323.451	0	259.0348	0	0	360.7652	0
460.7704	412.3272	2.25	404.8388	0	0	469.1432	3.923077
655.1089	364.2466	2.25	572.3583	0	0	434.9967	1.307692
667.6468	498.2894	0	601.8293	0	0	567.1288	1.307692
593.9863	463.3217	0	488.5985	0	0	562.675	1.307692
117.5435	20.39781	0	93.06639	0	0	34.1465	1.307692
488.9808	562.3968	1.125	440.5142	0	0	620.5755	0
509.355	804.2566	2.25	440.5142	0	0	883.3551	1.307692
283.6715	763.461	0	209.3994	0	0	847.724	0
228.9563	91.51402	0	224.9972	0	0	95.19259	0
147.5155	14.80374	0	154.1076	0	0	8.044444	0
124.4662	160.1495	0	126.3683	0	0	159.5481	0
172.1014	173.6075	0	169.5184	0	0	175.637	0
139.8324	6.728972	1.5	137.1558	0	0	8.044444	5
106.0268	207.2523	1.5	106.3343	0	0	207.8148	0
172.1014	65.94393	0	169.5184	0	0	69.71852	0

1072.138	538.6196	1.444444	1129.191	0	0	488.2943	1.5
1017.209	635.6964	2.888889	1070.294	0	0	578.2024	3
1328.475	787.5746	1.444444	1370.87	0	0	728.5661	0
905.316	537.0538	2.888889	940.3152	0	0	497.5951	3
1072.138	475.9894	2.888889	1072.325	0	0	466.5923	1.5
1106.723	573.0662	1.444444	1117.005	0	0	548.7498	3
2002.706	554.0543	2	2006.353	0	0	554.2166	0
1518.781	443.911	2	1474.004	0	0	470.344	2.5
1893.513	539.0347	8	1845.644	0	0	562.4394	7.5
177.513	496.7157	0	177.6285	0	0	499.8453	0
272.076	382.6444	0	262.2925	0	0	396.3788	0
368.298	54.86976	0	386.7984	0	0	42.26097	0
252.168	54.86976	0	263.9526	0	0	42.26097	2
338.436	15.88335	0	345.2964	0	0	5.829099	4
250.509	270.017	0	244.0316	0	0	275.4249	0
1497.428	1126.442	2.545455	1436.682	0	52.71429	1099.268	3
1382.929	835.3562	5.090909	1413.197	0	14.64286	818.6251	7.25
1068.058	879.3223	2.545455	1019.921	0	43.92857	850.751	2
901.6772	288.0539	1.272727	942.5819	0	0	284.4128	0
602.9072	360.8254	2.545455	594.6184	0	11.71429	354.9433	1.75
253.6567	601.4582	1	0	0	0	712.7896	5.428571
261.3433	791.5418	0	0	0	0	900.2104	13.57143
1150.752	226.0941	0	1154.444	0	0	188.25	5.052632
1319.155	117.843	1.517241	1296.583	0	0	95.46964	8.421053
596.4265	149.3591	0	582.8714	0	3.88835	134.7367	1.5625
1534.921	298.7183	4.551724	1539.259	0	0	266.2393	5.052632
528.0129	211.0212	1.517241	512.4759	0	12.96117	193.0266	3.125
1010.417	527.5529	4.551724	991.5045	0	0	514.9982	1.684211
1173.557	260.3508	0	1185.645	0	0	224.5554	3.368421
1275.3	212.3914	0	1246.294	0	19.44175	190.2541	6.371711
1522.642	182.2456	1.517241	1501.124	0	0	155.9786	3.368421
303.6911	174.5771	0	314.4343	0	7.776699	172.0169	0
378.9063	260.3508	0	359.1144	0	1.296117	257.5292	3.368421
1282.317	590.5852	1.517241	1165.665	0	18.14563	625.0384	1.5625
571.8678	491.926	0	572.0218	0	0	471.9696	3.368421
587.6556	180.8753	1.517241	588.9129	0	12.96117	154.9465	0
964.8076	348.0479	1.517241	951.9891	0	16.84951	313.8323	1.5625
1552.463	205.5401	7.586207	1527.125	0	0	185.5607	6.736842
884.3752	957.6065	0	1009.317	0	23.3301	887.6596	0
991.1676	766.342	2.666667	1063.17	0	25.92233	744.5311	0
729.1924	501.9091	0	754.0288	0	0	521.7214	0
933.2321	489.1854	1.517241	922.1685	0	0	473.3143	1.684211
1001.179	1705.977	0	1125.71	0	37.58738	1638.756	4.6875
1419.144	1045.514	3.034483	1384.986	0	0	1024.618	5.052632
799.2749	698.3082	1.333333	847.7567	0	41.47573	656.553	0
1680.519	602.9176	6.068966	1660.597	0	0	574.1625	8.421053
1726.129	709.7985	1.517241	1754.2	0	0	650.8071	1.684211

1201.415	1240.011	4	1342.86	0	27.21845	1159.473	3.125
1220.92	776.9416	3.034483	1218.58	0	0	744.9321	3.368421
343.9508	82.89341	0	326.5948	0	10.36893	85.35189	1.5625
785.8797	448.0774	0	748.4262	0	0	425.7768	1.684211
408.7276	459.0396	3.034483	422.1411	0	7.776699	414.9415	3.125
1089.133	649.191	1.555556	1094.156	0	0	646.2655	1.363636
555.718	291.3443	3.111111	562.7087	0	0	285.4473	1.363636
1048.244	657.108	0	1088.639	0	0	625.4182	0
808.4861	655.5246	3.111111	818.3181	0	0	647.8691	2.727273
382.8693	107.6707	0	395.3672	0	0	96.21818	0
936.7287	712.5267	3.111111	936.0088	0	0	723.24	2.727273
1048.244	690.3592	1.555556	1053.7	0	0	683.1491	5.454545
925.5771	679.2755	1.555556	912.1029	0	0	702.3927	1.363636
307.8689	402.9711	2.181818	288.3416	0	0	427.0114	1.833333
463.5726	124.2242	0	458.5674	0	0	130.4326	0
362.7191	805.9422	0	302.2376	0	0	867.9976	1.833333
665.2798	683.233	7.636364	651.3741	0	0	701.8514	3.666667
373.3352	580.2178	0	316.1336	0	0	635.0823	0
553.8101	153.0078	1.090909	545.4173	0	0	150.6186	1.833333
403.4144	345.4038	1.090909	376.9285	0	0	368.0062	1.833333
1305	755	3	1290	0	0	752	13
988.0712	1208.144	2.230769	985.0281	0	0	1208.591	1.454545
913.6402	1506.687	4.461538	920.746	0	0	1493.265	4.363636
695.9296	938.8208	0	697.6495	0	0	927.7304	4.363636
394.4842	270.5938	2.230769	385.6924	0	0	271.9648	2.909091
604.7517	536.106	0	612.5703	0	0	535.0335	1.454545
1203.921	468.7752	2.230769	1120.418	0	46.77273	457.0529	0
962.0204	388.7404	2.230769	854.6775	0	38.42045	391.0198	1.6
366.5726	160.0696	2.230769	332.1751	0	10.02273	164.4355	3.2
275.3946	264.2418	0	233.4203	0	8.352273	279.6698	0
467.0544	378.5772	2.230769	430.9299	0	16.70455	376.7773	3.2
26.05084	651.7118	0	26.46909	0	0	649.4113	1.454545
364.7118	552.6212	2.230769	330.3796	0	26.72727	558.0448	0
385.1803	579.2994	0	389.4737	0	0	573.1594	2.909091
601.0301	1340.265	4.461538	597.4451	0	0	1340.761	2.909091
703.3727	1760.765	0	688.1962	0	0	1766.5	1.454545
437.282	576.7586	2.230769	431.068	0	0	576.972	1.454545
772.2214	1045.534	2.230769	782.7287	0	0	1037.025	4.363636
891.3109	1030.289	0	882.9331	0	0	1025.587	2.909091
1092.745	574.0567	5.076923	1106.339	0	0	557.965	1.5
1154.448	868.2409	0	1151.86	0	0	850.4595	3
1142.505	1008.177	1.692308	1159.776	0	0	983.9896	0
1068.86	906.4054	8.461538	1062.798	0	0	901.3282	9
939.4818	755.3378	3.384615	932.1751	0	0	756.6706	4.5
839.9604	877.782	3.384615	849.0512	0	0	861.5871	3
945.9635	487.604	0	948.6454	0	0	473.2958	1.8
518.5282	445.4653	4	532.8487	0	0	434.1057	5.4

744.5083	434.9307	0	735.5059	0	0	432.5984	1.8
360.4274	18.94788	0	345.489	0	0	18.91952	1.8
420.75	392.4919	1.333333	397.0093	0	0	398.6614	1.8
251.8468	169.1775	1.333333	250.0249	0	0	171.6271	1.8
530.8387	301.8127	0	512.1722	0	0	298.6582	1.8
473.5323	771.4495	1.333333	422.7694	0	0	801.3769	1.8
206.6048	8.120521	0	201.5352	0	0	6.756972	0
1271.366	560.2092	2.482759	1201.898	0	0	551.6032	7.714286
1438.361	429.9574	3.724138	1409.387	0	0	401.953	6.171429
1011.421	743.5734	4.965517	994.4093	0	0	700.0166	9.257143
937.3766	384.4325	1.241379	930.5172	0	0	370.3403	1.5
253.6431	171.983	0	243.2641	0	0	178.6032	1.5
1250.886	718.2818	2.482759	1246.47	0	0	671.5707	4.628571
1181.567	815.6545	0	1242.195	0	0	868.7286	1.5
1091.768	394.5492	2.482759	1090.681	0	0	394.2707	7.628571
649.0742	456.5136	1.241379	630.1512	0	0	442.7667	1.542857
1224.104	480.5406	1.241379	1325.821	0	0	482.1961	1.5
196.9279	102.431	0	187.5084	0	0	98.94227	3.085714
696.3369	834.6232	4.965517	662.3062	0	0	849.0122	6
1194.17	1260.787	3.724138	1175.77	0	0	1198.438	3.085714
415.9116	374.3159	2.482759	413.4406	0	0	351.2451	1.542857
787.7114	1268.374	3.724138	811.5118	0	0	1186.071	3.085714
500.9845	684.1381	0	516.4166	0	0	628.2834	0
825.5216	763.8067	0	819.2508	0	0	758.4164	6
1285.545	1262.051	2.482759	1292.578	0	0	1176.176	1.542857
937.4431	616.2252	0	919.9534	0	0	595.2997	0
478.9285	631.0257	1.241379	479.5297	0	0	589.9433	1.542857
365.4981	532.3884	0	365.7951	0	0	503.3688	1.542857
460.0235	402.1366	1.241379	442.6753	0	0	387.1116	1.542857
474.2023	577.9133	1.241379	456.4754	0	0	568.9181	0
638.0462	834.6232	3.724138	630.1512	0	0	805.1428	3.085714
1269.484	1039.532	2.482759	1313.625	0	0	1100.131	4.5
981.4884	459.0428	1.241379	958.9315	0	0	468.5098	3
697.9123	245.3286	1.241379	662.3062	0	0	266.6105	3
512.0124	182.0996	1.241379	494.3755	0	0	192.8397	0
499.409	36.67284	0	456.7088	0	0	63.41707	6
275.699	73.34568	1.241379	265.2364	0	0	80.24201	0
105.5533	5.058322	0	91.02787	0	0	14.23649	0
360.7718	30.34993	0	328.0142	0	0	45.29791	1.5
332.4142	13.91039	0	280.9308	0	0	42.70946	1.5
493.1073	26.55619	1.241379	459.8477	0	0	44.00368	1.5
551.398	37.93742	3.724138	514.7783	0	0	64.7113	0
1055.533	409.7241	1.241379	1024.001	0	0	428.035	7.5
190.6262	8.852064	1.241379	167.9307	0	0	22.00184	1.5
789.2868	54.37697	2.482759	764.3202	0	0	73.77088	0
428.515	330.0555	2.482759	433.1671	0	0	318.3796	3
623.8674	577.9133	0	612.084	0	0	583.6959	0

789.2868	459.0428	3.724138	761.1813	0	0	465.9213	1.5
261.5202	18.96871	0	257.3892	0	0	19.41339	0
524.6158	75.87484	0	516.3478	0	0	75.0651	1.5
945.2537	825.7711	1.241379	906.4454	0	0	852.8949	1.5
1126.427	1262.051	2.482759	1089.196	0	0	1278.695	1.5
1157.081	564.0313	5.866667	1157.986	0	0	589.2526	11.61111
360.0579	390.6574	1.285714	357.6779	0	0	400.2161	2.777778
654.2123	622.4902	2.571429	642.1944	0	0	660.8832	1.388889
548.6156	85.93434	0	581.8255	0	0	83.35602	0
948.3667	567.4139	1.285714	959.3938	0	0	630.9904	1.4
907.3865	521.1595	0	938.4683	0	0	494.7927	1.4
561.4046	242.4933	0	578.6411	0	0	219.4535	1.4
993.8819	166.128	5.866667	985.4728	0	0	160.8417	8.4
654.428	501.0634	0	705.0669	0	0	462.0791	1.4
1086.905	377.8072	4.4	1115.14	0	0	343.4925	4.2
1176.665	622.9799	5.866667	1205.907	0	0	584.755	2.8
843.7388	87.08321	2.933333	839.5969	0	0	79.05779	4.2
1457.367	407.2815	2.933333	1481.451	0	0	381.6583	4.2
1310.488	435.4161	5.866667	1329.092	0	0	410.2827	8.4
739.4046	561.0096	2.571429	754.3752	0	0	564.7787	1.388889
665.4641	375.2873	2.571429	658.4525	0	0	398.8996	1.388889
1152.185	874.8514	1.466667	1177.67	0	0	892.3892	2.333333
905.7545	198.2818	2.933333	917.3974	0	0	181.2877	2.8
589.1484	166.128	2.933333	584.2848	0	0	153.2873	0
1153.817	100.4806	1.466667	1137.832	0	0	89.96231	15.4
559.7726	156.7498	0	561.9351	0	0	131.0359	1.378378
791.5152	204.9805	1.466667	795.0449	0	0	202.0335	0
729.4995	104.4999	1.466667	726.1378	0	0	103.593	1.4
1362.712	450.1532	4.4	1360.138	0	0	384.4545	4.135135
1610.774	131.2947	0	1577.25	0	0	117.4379	0
1317.016	723.4605	4.4	1305.861	0	0	639.1092	6.891892
536.9247	36.17303	0	541.3617	0	0	25.89824	0
913.9144	40.19225	2.933333	914.1557	0	0	29.98744	1.4
891.0666	60.28838	1.466667	881.7388	0	0	50.43342	4.2
913.9144	76.36528	1.466667	917.3974	0	0	72.24246	0
562.5904	426.521	0	526.8141	0	0	421.5401	1.378378
690.3318	645.7555	0	681.6656	0	0	577.2998	2.756757
556.5086	450.1532	1.466667	542.7782	0	0	406.7059	2.756757
447.1653	29.47432	0	445.7319	0	0	23.17211	0
980.826	188.9036	1.466667	961.0367	0	0	165.6492	6.891892
1188.089	293.4034	1.466667	1176.552	0	0	250.9462	1.378378
747.4514	68.32683	1.466667	735.8629	0	0	58.61181	0
613.6283	409.961	0	608.2309	0	0	369.6202	0
739.4046	781.3148	0	734.347	0	0	747.8938	1.378378
822.9894	813.3359	3.857143	977.255	0	0	913.9655	3.378378
771.5526	557.1671	2.571429	793.414	0	0	506.8371	6.891892
501.5092	563.5713	2.571429	504.4645	0	0	527.8523	6.891892

916.2187	571.2564	1.285714	884.4398	0	0	610.8562	2.777778
692.7899	559.7288	2.571429	692.5944	0	0	577.9437	6.944444
626.8865	935.0161	0	608.2309	0	0	901.1811	1.378378
745.8342	999.0583	3.857143	753.5039	0	0	945.6839	4.135135
790.8414	699.3408	0	785.2655	0	0	722.7588	1.388889
499.9018	449.5762	0	502.8681	0	0	421.5401	1.378378
325	860	4	0	0	0	1051	47
789.8862	152.5059	2.857143	781.2901	0	0	153.9334	1.2
1575.984	175.9684	1.428571	1577.714	0	0	170.8492	1.2
1411.188	405.5652	7.142857	1401.782	0	0	397.5204	8.4
895.9621	241.3281	0	906.1452	0	0	226.6712	0
918.6926	97.20158	1.428571	911.8204	0	0	91.34511	4.8
784.2036	65.35968	2.857143	792.6406	0	0	62.58832	1.2
1216.084	134.0711	4.285714	1212.608	0	0	142.0924	1.2
401.0392	1481.182	3.75	413.4295	0	26.94444	1429.245	1.25
478.5882	1722.945	6.25	493.0202	0	49.84722	1641.267	1.25
476.3725	1693.873	0	519.5504	0	20.20833	1624.488	2.5
782.6697	287.0101	0	782.5718	0	0	272.2754	2.941176
540.1955	41.50973	0	545.9803	0	0	29.59515	4.411765
569.3538	175.5269	0	561.1464	0	0	169.2843	5.882353
758.1153	162.4809	2.384615	755.2727	0	0	157.4462	2.941176
351.434	231.2685	0	370.0533	0	0	219.0041	0
587.7696	27.27782	1.192308	582.379	0	0	18.9409	2.941176
288.5135	28.46382	0	297.2559	0	0	23.67612	1.470588
690.5909	45.06771	0	688.5418	0	0	34.33038	1.470588
526.3837	236.0125	2.384615	517.1647	0	0	229.6584	1.470588
606.1853	321.4039	0	599.0617	0	0	318.4439	0
302.3253	252.6164	0	295.7393	0	0	253.3345	0
698.2641	215.8506	1.192308	702.1913	0	0	201.247	0
507.968	23.71985	0	506.5484	0	0	18.9409	0
466.5325	391.3775	1.192308	456.5002	0	0	388.2884	1.470588
349.8994	579.9502	0	339.7211	0	0	574.146	0
448.1168	273.9642	1.192308	438.3008	0	0	275.8268	0
627.6704	504.0467	0	602.4472	0	0	537.3124	9.333333
888.5603	53.36965	1.192308	899.3509	0	0	34.33038	0
808.7587	54.55565	1.192308	797.7379	0	0	46.16844	2.941176
1216.975	67.60156	2.384615	1228.456	0	0	39.0656	2.941176
237.8702	491.0008	1.192308	227.4918	0	0	491.2796	0
290.0482	628.5759	0	280.5732	0	0	619.1306	2.941176
747.3728	549.1144	3.576923	731.007	0	0	543.367	5.882353
375.9884	519.4646	0	365.5035	0	0	516.1395	0
254.7513	600.1121	1.192308	244.1745	0	0	597.8221	1.470588
455.79	603.6701	1.192308	452.6239	0	0	605.0816	9.333333
570.8885	684.3176	0	577.694	0	0	670.7768	0
1048.164	914.4001	3.576923	1038.879	0	0	885.487	4.411765
1005.193	526.5806	3.576923	988.831	0	0	526.7937	4.411765
1141.777	228.8965	0	1208.049	0	0	200.8871	3.733333

1256.875	457.793	2.384615	1324.753	0	0	442.9197	5.6
425.8481	390.8418	5.142857	417.4025	0	0	400.7308	8.296296
616.8113	676.4015	0	532.8974	0	0	728.4714	8.296296
570.9801	868.2169	5.142857	522.7662	0	0	911.6626	8.296296
309.3605	298.5397	1.714286	303.9339	0	0	309.1352	3.111111
361.925	225.1241	2.713043	347.1232	0	0	243.173	0
479.4331	465.348	0	446.2278	0	0	494.6361	0
750.4852	804.4069	1.356522	659.1645	0	0	892.5556	1.368421
916.5633	557.3195	2.713043	867.4042	0	0	603.7876	0
510.7686	941.6777	1.356522	452.4906	0	0	1001.707	0
810.0226	510.6474	2.713043	752.5815	0	0	564.0476	1.368421
731.6839	358.2768	1.356522	704.5702	0	0	385.4845	1.368421
1428.899	343.177	9.495652	1423.232	0	0	341.2712	5.473684
1588.71	403.5762	4.069565	1561.014	0	0	417.2628	2.736842
653.3451	518.8837	0	618.456	0	0	547.1393	0
600.0748	237.4785	2.713043	611.3997	0	0	225.2946	1.301887
1339.593	323.9591	9.495652	1344.146	0	0	300.3928	6.509434
567.1725	67.2627	1.356522	561.6165	0	0	64.17482	2.603774
1435.166	359.6495	6.782609	1451.415	0	0	357.8512	1.368421
1254.987	333.5681	2.713043	1246.135	0	0	322.2395	3.90566
1516.638	100.2077	5.426087	1485.717	0	0	109.2337	2.603774
625.1432	83.73519	2.713043	611.3997	0	0	81.92531	5.207547
900.8956	325.3318	2.713043	903.6535	0	0	301.7582	1.301887
495.1009	49.41749	0	482.2746	0	0	43.6935	0
562.4722	141.3889	1.356522	560.0608	0	0	139.273	0
669.0129	60.39916	4.069565	662.7386	0	0	59.88603	1.301887
974.534	70.00811	2.713043	955.3453	0	0	72.36735	1.301887
936.9314	118.0529	1.356522	919.4331	0	0	113.33	3.90566
592.2409	63.14457	2.713043	592.731	0	0	53.25145	2.603774
667.4461	253.951	1.356522	684.5188	0	0	217.1021	2.603774
819.4233	253.951	0	838.5355	0	0	231.9292	1.301887
485.7002	216.8879	0	453.7965	0	0	207.5441	2.603774
206.8143	6.86354	0	197.577	0	0	9.557952	0
1790.824	557.3195	6.782609	1942.203	0	0	471.5	1.307692
1292.589	361.0222	1.356522	1336.467	0	0	337.5667	1.307692
860.1594	609.4824	1.356522	814.17	0	0	643.8559	1.368421
955.7327	388.4764	1.356522	979.114	0	0	382.6667	1.307692
1048.172	248.4602	1.356522	1070.455	0	0	233.7	1.307692
943.1985	396.7126	5.426087	908.1126	0	0	422.7895	6.842105
990.2018	612.2278	2.713043	973.8725	0	0	630.0392	2.736842
747.3516	483.1932	0	710.833	0	0	497.3994	1.368421
1543.273	275.9143	4.069565	1602.478	0	0	250.1	3.923077
1482.169	194.9245	4.069565	1544.789	0	0	164	1.307692
1720.319	251.2056	0	1778.751	0	0	232.3333	5.230769
792.7881	116.6802	5.426087	809.1158	0	0	107.9492	1.307692
844.4917	150.9979	4.069565	866.9406	0	0	143.5	0
791.2213	96.08956	0	809.2514	0	0	86.1	1.307692

1159.413	142.7616	4.069565	1177.821	0	0	135.3	2.615385
485.7002	26.08145	2.713043	451.1601	0	0	43.6935	3.90566
990.2018	78.24436	1.356522	973.8835	0	0	84.65615	0
723.85	64.51728	6.782609	695.4088	0	0	62.8094	2.603774
1024.671	76.87165	0	1006.815	0	0	81.92531	2.603774
1029.371	193.5518	1.356522	983.2179	0	0	208.9095	1.301887
1657.648	266.3054	4.069565	1613.286	0	0	281.2769	3.90566
554.6383	43.92666	1.356522	533.6135	0	0	46.42434	2.603774
582.8403	48.04478	2.713043	538.1522	34.48828	0	0	0
814.723	93.34415	2.713043	726.8735	102.1875	0	0	2
1129.645	119.4256	4.069565	996.7735	120.0703	0	0	7
1056.006	152.3706	0	993.6749	68.97656	0	79.19446	2.301887
1491.57	157.8614	2.713043	1439.045	0	0	173.4086	6.509434
1938.101	318.4683	2.713043	1930.654	0	0	285.3731	2.603774
1510.371	269.0508	0	1481.05	0	0	266.2572	2.603774
656.4787	54.90832	0	623.8455	0	0	71.00193	0
585.9738	124.9164	0	586.5069	0	0	124.3667	1.307692
562.4722	96.08956	0	567.2772	0	0	99.76667	0
719.1497	101.5804	1.356522	709.8977	0	0	110.7	0
1101.443	221.006	2.713043	1147.325	1.277344	0	180.5667	6.230769
488.8338	60.39916	1.356522	493.5632	0	0	61.5	1.307692
266.3517	42.55395	1.356522	288.446	0	0	27.33333	1.307692
700.3484	152.3706	1.356522	719.5126	0	0	142.1333	0
781.8207	93.34415	0	772.3944	0	0	105.2333	0
922.8304	134.5254	0	931.0397	0	0	136.6667	0
750.4852	123.5437	0	753.1647	0	0	125.7333	3.923077
830.3907	53.53561	0	833.2886	0	0	57.4	0
835.7213	273.8352	0	865.9492	0	0	248.1074	2.642857
785.5781	524.1592	3.454545	821.4465	0	0	489.2844	1.321429
640.7197	752.3552	3.454545	550.7214	0	0	750.5507	49.05679
709.4346	529.6913	5.181818	728.7324	0	0	508.6895	3.964286
551.5761	840.8676	1.727273	200.2623	0	0	985.3142	44.55738
440.1466	594.6925	0	456.1531	0	0	579.3793	1.321429
429.0036	540.7553	1.727273	215.0966	0	0	596.0599	38.9877
622.1481	80.21434	0	634.1641	0	0	59.60122	0
874.7217	326.3894	6.909091	871.5121	0	0	329.8858	3.964286
1236.868	612.6716	5.181818	1285.017	0	0	579.3793	1.321429
1526.584	793.8454	5.181818	1555.742	0	0	761.1752	5.285714
811.5783	874.0597	3.454545	687.9382	0	0	905.8829	18.03044
594.2907	900.3369	1.727273	107.5483	0	0	1081.381	61.26639
945.2937	786.9304	3.454545	995.7489	0	0	745.7083	5.285714
1079.009	770.3343	5.181818	537.7415	0	0	873.8358	111.6446
887.7218	987.4662	3.454545	0	0	0	1261.592	118.8197
1281.439	825.6545	1.727273	1268.328	0	0	810.9142	18.56557
869.1502	598.8416	3.454545	912.3062	0	0	569.6768	0
765.1493	156.2797	0	780.6523	0	0	146.9239	2.642857
1054.866	128.6196	1.727273	1056.94	0	0	113.6581	1.321429

387.7687	609.7148	1.3	357.6314	0	0	653.3102	1.311111
233.5683	417.2584	0	221.2683	0	0	440.3794	0
165.5387	452.8386	2.6	167.2377	0	0	464.5761	0
342.4156	600.0111	1.3	306.1736	0	0	640.4053	2.622222
605.4633	810.2576	1.3	548.0251	0	0	880.7589	5.244444
297.0625	456.0732	1.3	295.8821	0	0	474.2548	1.311111
294.7949	667.9369	0	283.0176	0	0	688.7986	1.311111
183.6799	266.8513	0	185.2479	0	0	280.6814	0
365.0921	870.097	1.3	311.3194	0	0	909.7949	5.244444
496.616	950.961	3.9	95.19684	0	0	1063.04	41.95556
990.6717	1006.611	4.333333	972.6624	0	0	1035.574	1.5
900.022	1259.015	2.166667	849.1841	0	0	1309.294	3
1053.263	1015.626	2.166667	996.4915	0	0	1067.508	3
966.9301	767.7288	4.333333	866.5144	0	0	850.0524	1.5
1092.113	637.0196	0	1057.148	0	0	667.5725	3
832.0807	377.9149	6.25	839.5511	32.72026	0	370.5508	8.545455
934.2372	1968.307	3.75	894.0453	73.62058	0	2016.991	2.848485
980.3723	998.5877	3.75	974.0837	72.25723	0	984.0636	4.272727
482.7716	1120.623	0	430.8447	50.44373	0	1164.588	1.424242
484.4193	927.7286	0	463.2006	25.90354	0	960.989	0
1003.44	641.668	2.5	1050.716	46.3537	0	604.0115	2.848485
863.3867	547.1893	1.25	865.0953	54.53376	0	532.073	2.848485
290.1173	146.0249	2.2	263.9562	10.90675	0	137.0902	1.424242
1176.277	223.6468	2.2	1168.219	17.72347	0	203.5994	4.272727
954.0094	652.1657	1.25	975.7866	34.0836	0	646.0887	0
428.398	328.0511	1.25	437.6565	13.63344	0	331.1883	0
333.3646	546.5503	2.2	306.5298	14.99678	0	521.2144	1.424242
290.1173	997.1414	2.2	257.494	0	0	914.856	2.333333
571.2248	57.01924	0	524.5066	20.45016	0	46.14919	0
944.923	65.81213	0	899.1541	25.90354	0	47.50652	0
194.6129	296.2219	0	178.2651	0	0	269.1496	0
654.1155	1170.981	0	592.6243	53.17042	0	1108.938	0
589.2445	1424.09	0	523.241	0	0	1298.994	4.666667
681.9777	1375.83	0	604.5449	59.98714	0	1341.041	2.848485
666.7293	609.1324	2.2	624.9802	28.63023	0	574.1502	2.848485
209.4102	152.2942	0	217.9768	10.90675	0	145.2342	0
272.0976	236.4213	0	248.6297	5.453376	0	233.4606	0
639.3016	573.4334	0	648.8215	27.26688	0	571.4356	1.424242
527.2591	39.36614	0	541.536	9.543408	0	32.5759	2.848485
1207.753	1013.022	5	1178.437	51.80707	0	1054.645	4.272727
1285.194	666.5999	5	1292.534	69.53055	0	644.7313	1.424242
1519.165	320.1779	0	1544.57	38.17363	0	302.6844	1.424242
786.8044	1586.659	1.394231	887.366	0	0	1714.761	1.611111
854.7789	1000.685	1.394231	889.2224	0	0	1108.283	3.222222
536.9983	806.7758	1.394231	510.022	0	0	838.3296	0
610.0708	1064.378	5.576923	646.0322	0	0	1168.315	1.611111
737.5229	754.4061	1.394231	738.709	0	0	749.3794	3.96

722.2287	1163.456	2.788462	803.8274	0	0	1248.358	0
538.6976	898.7765	0	566.1004	0	0	901.714	1.434783
890.4655	1098.347	1.394231	956.0534	0	0	1185.248	1.611111
606.6721	1043.147	2.788462	655.3142	0	0	1132.912	1.611111
457.1283	1197.425	1.394231	514.2268	0	0	1280.683	3.222222
1087.591	1188.933	1.394231	1214.095	0	0	1272.987	0
890.4655	813.8528	1.394231	905.9302	0	0	923.5695	1.611111
907.4591	1176.194	0	849.4342	0	0	1070.086	3.782609
851.3801	1111.086	5.576923	909.643	0	0	1217.572	3.222222
598.1753	730.3444	2.788462	595.175	0	0	751.6688	0
958.4399	1241.302	0	884.2111	0	0	1333.094	1.434783
463.9257	702.0365	2.788462	478.8764	0	0	702.6156	2.869565
747.7191	1125.24	0	778.1742	0	0	1132.553	1.434783
423.141	690.7133	0	429.2785	0	0	718.4857	0
737.5229	863.3916	2.788462	759.3612	0	0	865.6455	1.434783
1094.389	434.5266	0	1132.201	0	0	411.1816	0
664.4504	939.823	1.394231	627.9802	0	0	855.2832	1.26087
837.7853	1120.994	2.788462	784.5798	0	0	1024.244	1.26087
688.2414	717.6058	0	645.3802	0	0	653.5778	0
1152.167	1501.735	1.394231	1053.488	0	0	1393.601	3.782609
863.2757	1058.716	0	782.998	0	0	986.2607	0
803.798	1152.132	1.394231	748.1981	0	0	1063.537	1.26087
548.8938	853.4839	1.394231	616.3295	0	0	909.716	1.611111
829.2884	665.2362	0	784.6493	0	0	699.0865	4.542857
501.3117	846.4069	0	481.5416	0	0	857.8422	3.96
662.751	1534.289	1.394231	624.7959	0	0	1560.738	3.96
239.61	1020.501	0	172.5956	0	0	1074.768	3.96
246.4074	1065.793	0	177.7734	0	0	1129.704	1.32
168.2368	648.2514	2.788462	120.8169	0	0	681.7662	1.32
446.9321	912.9305	0	463.9665	0	0	908.6689	6.057143
1077.395	863.3916	1.394231	1024.649	0	0	830.966	2.571429
627.0644	757.2369	1.394231	644.7729	0	0	771.8672	2.869565
737.5229	1330.472	0	749.0996	0	0	1341.75	5.73913
956.7406	1027.578	5.576923	920.4444	0	0	985.0494	2.521739
591.3778	652.4976	1.394231	564.7076	0	0	582.8499	2.521739
1556.615	576.0662	4.182692	1478.772	0	0	501.9048	1.26087
970.3355	895.9457	0	890.5613	0	0	834.3268	0
963.538	587.3894	1.394231	908.9628	0	0	569.5385	3.857143
844.5827	1176.194	0	801.54	0	0	1116.402	3.857143
1014.519	585.974	1.394231	951.932	0	0	566.8709	1.285714
904.0604	556.2507	0	871.643	0	0	591.4243	0
813.9942	1549.859	0	887.366	0	0	1671.661	0
790.2031	1145.055	1.394231	833.53	0	0	1256.055	3.222222
565.8874	969.5463	0	590.3397	0	0	1068.262	0
645.7574	400.5571	0	635.1517	0	0	400.0446	2.64
642.3587	920.0075	0	634.6213	0	0	858.9761	1.285714
1051.905	1212.994	1.394231	930.1067	0	0	1142.124	5.043478

638.9599	836.4991	2.788462	585.2712	0	0	772.7673	0
536.9983	604.3741	1.394231	502.4085	0	0	584.2105	2.571429
1048.506	583.1432	4.182692	984.2231	0	0	621.5697	9.085714
457.1283	588.8048	0	482.6677	0	0	644.9594	0
445.2327	750.1599	2.788462	398.3687	0	0	702.3004	2.521739
893.8642	985.1157	0	882.5203	0	0	913.6625	0
540.397	711.9442	0	545.5771	0	0	728.5849	0
681.444	1456.443	0	673.7749	0	0	1485.738	1.514286
1245.632	237.7865	6.971154	1218.042	0	0	221.0985	8.173913
829.2884	1147.886	5.576923	885.2891	0	0	1122.558	4.542857
975.4335	1292.257	1.394231	947.5496	0	0	1308.597	1.32
689.9408	832.2529	0	656.1059	0	0	792.2854	0
904.0604	942.6538	2.788462	856.0777	0	0	902.992	2.571429
610.0708	1047.393	0	595.31	0	0	1066.573	1.514286
484.318	403.3879	1.394231	521.6524	0	0	446.3919	0
771.5102	1012.008	5.576923	751.9602	0	0	949.6755	3.857143
837.7853	438.7728	2.788462	832.9029	0	0	455.9066	0
768.1114	985.1157	0	816.377	0	0	933.907	6.6
504.7104	505.2964	2.788462	472.6607	0	0	489.5097	2.571429
664.4504	1149.302	1.394231	631.6998	0	0	1157.876	3.96
897.2629	472.7423	1.394231	849.4671	0	0	453.4967	3.857143
790.2031	523.6966	2.788462	764.1802	0	0	552.6659	1.514286
684.8427	1290.841	5.576923	738.8529	0	0	1388.433	3.222222
790.2031	467.0807	1.394231	748.1981	0	0	421.7476	1.26087
756.2159	802.5296	2.788462	743.7111	0	0	821.1037	7.571429
830.9878	717.6058	0	794.9293	0	0	678.9112	1.285714
798.6999	458.5883	0	749.7799	0	0	415.1987	0
863.2757	479.8193	0	820.4702	0	0	528.2625	0
970.3355	808.1912	1.394231	914.287	0	0	855.5556	7.571429
545.4951	945.4846	0	568.0178	0	0	940.2498	0
791.9025	1310.657	2.788462	772.709	0	0	1349.366	3.028571
956.7406	713.3596	0	896.8886	0	0	647.0289	0
723.928	1336.134	0	735.1823	0	0	1349.366	1.514286
861.5763	986.5311	1.394231	872.2392	0	0	1001.263	1.434783
729.0261	969.5463	0	708.991	0	0	909.661	1.285714
655.9536	894.5303	1.394231	637.954	0	0	921.5884	3.028571
790.2031	1033.239	2.788462	768.4868	0	0	969.6827	3.857143
458.8276	760.0677	1.394231	454.9326	0	0	773.31	1.434783
951.6425	629.8513	0	871.5796	0	0	585.4695	2.521739
591.3778	972.3771	5.576923	615.6983	0	0	978.1794	4.304348
1141.971	223.6326	0	1135.621	0	0	233.7243	1.434783
431.6378	568.9892	0	456.6779	0	0	615.713	0
491.1155	740.2522	1.394231	506.6105	0	0	747.8934	1.514286
627.0644	481.2347	1.394231	686.8733	0	0	514.1204	3.222222
888.7661	607.2049	1.394231	829.6352	0	0	593.5472	1.285714
594.7765	319.8795	0	560.2516	0	0	314.7801	0
659.3523	492.5578	0	652.8006	0	0	458.832	0

287.1921	716.1904	0	251.9895	0	0	749.3794	0
579.2218	717.9016	2	563.4433	0	0	725.5546	0
920.4073	1132.656	4	883.4476	0	0	1156.305	1.5
797.4218	1097.967	0	763.6914	0	0	1130.338	1.5
975.9491	1559.475	4	938.4177	0	0	1600.803	0
1755.601	1036.389	7	1752.834	0	0	1030.003	1
1430.399	674.6107	0	1454.166	0	0	656.9975	0
934.6413	865.418	0	863.7115	0	0	918.5915	0
647.0594	652.5594	0	608.9477	0	0	688.555	1.375
815.5002	574.8737	1.142857	805.7165	0	0	582.8626	2.75
751.8214	755.1044	2.285714	743.579	0	0	766.27	2.75
412.8855	421.0562	4.571429	401.8226	0	0	430.5412	4.125
762.0922	852.9883	0	733.2227	0	0	878.1797	0

From: [Ryan Wesdock](#)
To: [Redistricting](#)
Subject: Regarding The Court's Role in Redistricting
Date: Friday, December 03, 2021 4:33:02 PM

EXTERNAL EMAIL

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To the Clerk of the Supreme Court of Virginia,

I am writing in regards to the Supreme Court of Virginia's authority under the Rules and Procedures for Implementing the Requirements of Article II, Section 6-A of the Constitution of Virginia to consider the district maps put forward by the two Special Masters. In this consideration, the court has to follow the relevant laws setting out the requirements for redistricting set out in Va. Code §24.2-304.04. This section of the law requires a number of things to be taken into account when considering whether the districts are lawful. This includes requirements to meet Constitutional, especially Fourteenth Amendment, demands, as well as relevant federal law such as the Voting Rights Act of 1965. The Court must also meet requirements of preserving communities of interest, of compactness, of not unduly favoring one party or another, of contiguity, and of approximately (within 5%) equal population. Therefore, neither the Court nor the Special Masters are legally empowered to do any of the following, all which have been proposed in the 450 pages of comments so far:

- (1) Base districts on religious jurisdictions, such as Catholic dioceses, which would be an obvious violation of the Establishment Clause of the 1st Amendment;
- (2) Base districts on where people work, shop, or worship rather than where they live. Such districts would almost certainly violate a number of legal requirements. Many residents of Northern Virginia, for instance, commute far for work, either out-of-state to Maryland or the Capital. A substantial portion of the population is nonreligious, many of whom do not attend houses of worship. In addition, there are those people of faith who do not attend services. People increasingly shop online and non-locally. Where we work, where we shop, and where those who worship have their services are three completely different areas. Basing districts on these three criteria would be impossible, since they would generate contradictory boundaries or have to include boundaries outside the Commonwealth, discriminatory even if we could, since it would exclude representation for those who do not attend religious services and disproportionately benefit centers of economic activities e.g. cities, and even if weren't, it would be illegal since none of these criteria are contained in the relevant legislation;
- (3) Ignore demographics, such as race, as this would violate §24.2-304.04, the Voting Rights Act of 1965, and would probably also engender challenges under the Fourteenth Amendment;
- (4) Have the districts drawn purely by computer algorithm. Computers, although they have the appearance of objectivity, are not objective. Computers do exactly as they are told, to the irritation of many. Algorithms are made by humans, and like all things made by humans, such as laws, institutions, governments, corporations, and so on, suffer from human biases. Computational models might inform the recommendations made by the Special Masters, who are hopefully aware of that model's biases, but to rely solely on such models would not be wise. Further, there is nothing in the law expressly allowing computers to be the sole deciders of district lines, and it would seem to cut against the purpose of the law to allow that;
- (5) Count the incarcerated population as part of the district in which they are incarcerated

rather than their previous address. This is expressly forbidden in the relevant statutes, and it is expressly stated that incarcerated individuals should be counted as living at their address previous to incarceration (if they were living in the commonwealth).

The court cannot and almost certainly will not make its decision on what the Special Masters present based on these criteria, regardless of personal preferences. Personally, I'd prefer we do away with this convoluted mess and move to proportional representation – you cannot gerrymander districts that do not exist – but that's a legislative not a judicial question. But even disregarding these proposals, the primary issue remains, which is that given so many criteria actually presented in law, how do we create a map that meets all of them? Inevitably, not all of the legal criteria will be met perfectly well. Trade-offs will have to be made between the criteria, necessitating that the court rank some criteria higher than others. Suppose, for instance, the maps generated by the Special Masters meets all the criteria *except* that in some cases it divides communities of interest; the map meets contiguity, not favoring any party, and so on but, for example, it maintains the division of Lynchburg, Albemarle, and Charlottesville that quite a number of residents have protested here. Should the court go forward with approving the map? Suppose, instead, that all criteria are met, *except* for that the districts are not as compact as they might be. Should the court reject that map? To what extent can each criteria be imperfectly met while still being legally met? Such trade-offs are inevitable. Further, the Court will have to make decisions about boundaries for which, assuming they read these comments, there have been multiple, contradictory suggestions. On what reasonable grounds will they accept some proposals but reject others? The Special Masters will present maps, but the Supreme Court gets to make the final decision; the plans are only submitted for consideration. The Justices will, therefore, have to decide which trade-offs are acceptable, which proposals have merit, and what the hierarchy of criteria will be; the question is what grounds for making these decisions are justified and whether or not the Court will make their reasoning about such grounds explicit.

Some of the criteria in the relevant law are hard requirements and cannot be traded-off. This includes following applicable Constitutional and federal law, the near equal population of districts, and where incarcerated individuals are counted for the purposes of determining that population. These are inflexible boundaries; they are either done or not and they must be done. So it is in the remaining criteria that the trade-offs will have to be made.

When deciding between competing goods – between multiple good criteria – it helps to have a guiding principle which takes priority and therefore helps sort out which criteria should take precedence. The foremost principle the Supreme Court considers is constitutionality. The Constitution, national then state, should always win out. That criteria is not helpful here, because each of the criteria is constitutional. The situation is not deciding constitutionality but balancing various constitutional goods – having compact districts, having contiguous districts, and so forth. These are only good, however, because they help ensure that the popular will is translated into law. After all, government only derives just power from the consent of the governed, or, as the Virginia Constitution puts it, “That all power is vested in, and consequently derived from, the people, that magistrates are their trustees and servants, and at all times amenable to them.” That was the entire purpose of the constitutional amendment, at least initially – to have voters pick the elected officials that they want rather than the other way around.

It is this constitutional ideal to which the Court ought to defer when considering the trade-offs of different maps. Perfectly smooth districts might look pleasant enough on a map, but if greater representation of the will of the people can be achieved by a few serrated edges, then the trade-off is worth it. The problem, after all, with the gerrymandered districts that we have is that they thwart consent of the governed by artificially boosting one party and the preferences of its voters at the expense of everyone else. Their distorted proportions and boundaries are merely consequences of this. Compactness is no doubt a good thing and a legal requirement, and *ceteris paribus* should be sought, but if a small amount of compactness can

be sacrificed to better ensure that the will of the people is actually translated into law through our representatives, then that sacrifice ought to be made. Political maps are for political contests, not beauty contests. Contiguity is good because contiguous areas presumably share preferences and a lack of contiguity enables bizarre gerrymandering. In other words, contiguity is valuable insofar as it helps ensure consent of the governed. I cannot imagine a scenario under which any contiguity would have to be traded off against some other criteria in order to better secure the consent of the governed, but if somehow this trade-off existed, then it, again, might be worth it. In other words, rather than start with contiguity and compactness and then make corrections for the remaining criteria, I'd propose going the other way around; start with the districts that would reflect those criteria which are necessarily connected to the consent of the governed and then see where the possibilities are for other criteria only accidentally connected to it, such as greater compactness, contiguity, and so on.

Preserving the ability of groups to elect officials that represent them and preserving communities of interest are more directly connected to the consent of the governed and should receive greater weight. "Cracking" divides communities of interest. Lynchburg, Albemarle, and Charlottesville should probably not be divided as they are. The same is probably true for not dividing up college campuses, as some other commentators have mentioned. The risk with both of these, though, is that of "packing" one party's voters into one, solid district, giving the other party the advantage in multiple surrounding areas. Once again, this is an issue, because the will of the voters is being distorted to the advantage of one party. Consent of the governed should be the guiding principle in deciding whether or not the proper balance between these two is struck. Not unduly favoring one party or another is also particularly germane, since parties are omnipresent in elections. Likewise, not diluting or diminishing the ability of minority groups to elect candidates of their choice should receive higher weighting. Consent of the governed means consent of *all* the governed.

None of the criteria can be ignored; they are all good criteria and legally need to be met to some extent. The extent to which trade-offs are necessary is unclear to me as I have no experience with drawing such districts. Perhaps, all criteria can be met equally and perfectly. Perhaps the only trade-offs required are minute and would go unnoticed by the average citizen. I am skeptical, however. The Supreme Court will likely be in the position of determining which trade-offs are acceptable constitutionally. In determining this, Justices ought to look to consent of the governed as an animating principle of the amendment, the Virginia Constitution, and the U.S. Constitution.

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Thank You For Your Time,
Ryan Wesdock

From: [Praveen Meyyan](#)
To: [Redistricting](#)
Subject: Public Comment on Redistricting
Date: Friday, December 03, 2021 6:13:54 PM

EXTERNAL EMAIL

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Muriel-Theresa Pitney
Clerk of the Court
Supreme Court of Virginia
100 North Ninth Street
Richmond, Virginia 23219

RE: Rules and Procedures for Implementing the Requirements of Article II, Section 6-A

To whom it may concern,

Pursuant to Rule 4(a) of the Rules and Procedures for Implementing the Requirements of Article II Section 6-A of the Constitution of Virginia, I am submitting the following comments and suggestions regarding redistricting for the Virginia House of Delegates.

As a resident of South Arlington, I think the area south of Route 50 should be kept together as a community of interest. For a long time county officials, state government and local residents have used Route 50 as a natural line for delineation as the areas south of Route 50 have historically been home to many of Arlington's communities of color. Perhaps this could change in the far future but for now, it best serves the interest of this community to have a district that is united both north and south of Columbia Pike with the Pike being the main artery and business center of the district.

Thank you for your time.

Sincerely,
Praveen Meyyan
2601 16th St S, Apt 623
Arlington, VA 22204



Christopher M. Woodfin

Attorney and Counselor at Law

To: Sean P. Trende and Bernard N. Grofman
Special Masters – Redistricting
Virginia Supreme Court
From: Christopher M. Woodfin, Esq.
RE: Redistricting Virginia's Congressional Districts
DATE: December 4, 2021

Memorandum on Congressional Redistricting

The Richmond area has been split up and divided by congressional districts for too many years. As someone who grew up in Chesterfield County, I ask that you keep the Richmond suburbs of Chesterfield and Henrico in their own district to provide the much-needed representation for central Virginia. The counties of Henrico and Chesterfield have a lot in common, which is why, for years, the majority of the two counties have been joined in a congressional district, and at the very least split between 2 congressional districts, of which they both share a part.

In addition to the numerous examples of case law out there, redistricting in Virginia is required to meet various criteria set by the United States Constitution, federal law (specifically the Voting Rights Act of 1965), the Constitution of the Commonwealth of Virginia, and the Virginia State Code. Most of the first three requirements have been since codified in the Virginia State Code, where it boils down the redistricting requirements to seven criteria for drawing districts: 1) drawn so that the population in each district is “proportional”, defined as no more than a 5% deviation, 2) drawn to be in compliance with federal law, 3) “drawn to give racial and language minorities opportunity to elect candidates of their choosing,” 4) drawn with consideration for communities of interest, defined as a group of people “who share similar social, cultural, and economic interests,” and who live in a “geographically defined” area, 5) drawn in a manner that the districts are contiguous, 6) drawn in a manner so that the districts are compact, and 7) drawn in a manner so that when viewed statewide should not unduly favor or disfavor a political party. *Va State Code §24.02-304.04.*

The current proposed map by the commission has Chesterfield and Henrico split between 3 districts, the 1st, the 4th and the 5th. By maintaining Chesterfield and Henrico in no more than 2 congressional districts 6 out of the 7 criteria will be met and the 7th can be met, depending on the rest of the state.

PROPORTIONAL – no more than a 5% deviation

Chesterfield and Henrico County are two of the largest counties in the Commonwealth, with Chesterfield recording a population of 364,548 and Henrico at 309,550. The two counties combined would

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come in just under the required population of 786,776. There are other criteria that need to be met that may require the county to be split off into an additional district, but the proportional criteria could easily be met by including most of Chesterfield and Henrico Counties, along with a piece from Hanover that all share a connection as a Richmond suburb.

FEDERAL LAW – VOTING RIGHTS ACT OF 1965

The second and third criteria in the Virginia code refers to compliance with federal law and specifically outlines the need to create districts in compliance with the Voting Rights Act of 1965, “drawn to give racial and language minorities opportunity to elect candidates of their choosing” *Id.* It was to meet this criteria that the eastern section of Henrico was combined with the City of Richmond to create the 3rd Congressional District, and later, with the addition of the eastern/southern portion of Chesterfield, the creation of the 4th Congressional District. As a result, Chesterfield and Henrico counties currently share two congressional districts, which helps the districts meet the requirements of the Voting Rights of Act of 1965. This split can, and should, be maintained with this year’s redistricting to meet the requirement.

COMMUNITIES OF INTEREST

Western/northern Chesterfield has grown so much down routes 360 and route 60 that it no longer has the rural feeling, as it once did, it is now solidly a Richmond suburb. It would be completely against any concept of communities of interest to combine the suburbs of western Chesterfield with the rural farmland of counties like Halifax, Pittsylvania and Henry counties. In order to maintain any semblance of communities of interest for the Richmond suburbs, western/northern Chesterfield and western Henrico must be the base of a district, with the surrounding counties of Hanover, Powhatan or Amelia making up the remaining constituents necessary to reach the proportional requirement.

CONTIGUOUS AND COMPACT

By combining parts of Chesterfield and Henrico into 2 districts, rather than splitting into a 3rd, the counties will make up a significant portion of the proportional representation for congressional districts, so they will require the addition of fewer counties in each district to reach the necessary proportion. This will cause the districts to inherently be more compact and certainly be contiguous, respecting the natural configuration of the land.

NEITHER FAVOR NOR DISFAVOR A POLITICAL PARTY

This is the one requirement where it may not automatically meet this requirement, but it certainly does not go against it. By allowing Chesterfield and Henrico to be split between two districts, as they currently are now, it would still create two districts where one has a voting tendency of Democrat and one Republican. This certainly meets the requirement of not favoring or disfavoring either party. The requirement is written on a statewide basis, but by allowing these two counties to split between both parties, it would allow the remainder of the state to continue along that pattern and meet the requirement without any problem.

CONCLUSION

In conclusion, the communities of interest requirement and the requirement about not favoring any political party are a bit at odds with each other. The entire concept of communities of interest is communities “who share similar social, cultural, and economic interests,” and who live in a “geographically defined” area. It is inherent that communities who share those things will also likely have the similar voting tendencies. So if the Commission, and now the Court, are to follow the communities of interest requirement, it does make it a bit more difficult to follow the final requirement about partisanship.

The general make-up of the Commonwealth stands to reason that the 3 western districts in the state are likely going to lean Republican. This isn't due to any bias or gerrymandering on behalf of the map drawers, but simply because as communities of interest they tend to vote similarly on various issues. Likewise, the 3 more northern Virginia districts are likely going to lean Democrat. Again, not due to any bias on the part of the map drawers, but because as communities of interest they tend to vote similarly. Those areas will make up 6 districts with an even partisan split, leaving 5 to be drawn in the rest of the state.

The Commission, and the Court, have been instructed to maintain the two minority majority districts to meet the requirements of the Voting Rights Act of 1965, while meeting the other requirements. Based off of past voting history, those districts will likely lean Democrat as far as their voting tendencies. Therefore, after meeting the Voting Rights Act requirement, and given the make up of the western and northern parts of the state, the map will likely consist of 3 Republican or lean Republican districts, and 5 Democrat or lean Democrat districts, leaving 3 districts left to be drawn.

In the end, with 3 districts left to be drawn, there would be 5 Democrat and 3 Republican districts, so if partisan parity is the goal, then 2 of those districts should lean Republican and 1 should be a true tossup. With that in mind, it would be easy for the commission to leave the Richmond suburbs mostly intact, only split between two districts, rather than three, and still meet all of the requirements as laid out by the Virginia State

Code. In viewing the state as a whole, with respect to all of the requirements, southern/eastern Chesterfield combined with eastern Henrico and the city of Richmond, should make up the bulk of one of the minority districts to allow for compliance with the Voting Rights Act of 1965 and western/northern Chesterfield combined with western Henrico should remain together and make up the bulk of a Richmond suburb centered district to allow the area to be properly represented.

From: [Monica Sarmiento](#)
To: [Redistricting](#)
Cc: [Erin Corbett](#); [Margie Del Castillo](#)
Subject: VACIR Map Submission
Date: Friday, December 03, 2021 10:40:36 AM

EXTERNAL EMAIL

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To the Clerk of the Supreme Court,,

In reference to the Rules and Procedures for Implementing the Requirements of Article II, Section 6-A, please consider these maps created by our coalitions:

["VACIR Map of Virginia State House Districts"](#)

--

Thank you,

Monica Sarmiento, Executive Director
Virginia Coalition for Immigrant Rights

<http://www.vacir.org>

[Make a tax-deductible gift to VACIR](#)

From: [B Lynn Pascoe](#)
To: [Redistricting](#)
Subject: Virginia State Redistricting - Northern Virginia
Date: Saturday, December 04, 2021 3:43:19 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

My name is Lynn Pascoe. I live at 5902 Mount Eagle Dr. in the Montebello Condominium which is located in Fairfax County at the north end of Richmond Highway. I am also Co-Chair of the Mount Vernon Council of Citizens Associations.

The Mount Vernon Council is a non-partisan citizens' organization that has been working in support of the concerns of people in the Mount Vernon District for over fifty years. A current key issue of concern is working with our neighbors in Lee District and county and state officials to improve Fairfax County's oldest highway (Route 1 or Richmond Highway) and transform it into the promised "Main Street" for this rapidly urbanizing area. We have also been fighting together for better schools, an up-to-date business climate, improved housing, a healthier natural environment, adequate storm-water management (we border the Potomac River), a safer and more equitable community, and an overall improvement in the quality of life of our people.

Indeed, if one were to judge by the number of community meetings, passed resolutions, official briefings, and letters to officials, our district would qualify for one of the top "communities of interests" in the state. Unfortunately, past gerrymandering or splitting off parts of our community to give adequate numbers to our neighbors have not left us with a unified representation in Richmond based on our existing Mount Vernon District. We need a political structure attuned to fight for our needs and to support our concerns whatever party is in power. We have great hope that this current redistricting effort will result in the drawing of boundaries that conform more closely to the Mount Vernon District.

Thus, for the state Senate, we support maps that keep our district together. Some other totally unacceptable maps treat the northern part of our district as appendages of Alexandria City where we have relatively little in common other than the same Post Office designation. (A case in point was the dispute over fixing Alexandria's decrepit waste water system.) Currently our district is divided up nonsensically presumably to serve some past gerrymandering aim or to make numbers add up. The current map runs totally against the law's demand that we keep "communities of interest" together.

The current districts for the House of Delegates also do not sufficiently keep our community together and dilute our voice in Richmond. We have great hope that the process will produce the fair and logical system of representation in Richmond. For us, the baseline should be Fairfax County's Mount Vernon District.

Thank you very much for your time and attention.

From: vabn22@aol.com
To: [Redistricting](#)
Subject: redistricting
Date: Sunday, December 05, 2021 8:13:21 AM

EXTERNAL EMAIL

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An observation about this procedure. It has certainly been a disappointing start, showing the need for politicians to be completely removed from the process. Yet legal necessity (Federal law to protect minority representation) and a Virginia law which expresses a requirement not to disfavor either political party, complicate matters. The former law is unavoidable until we can put skin color based race behind us (not likely for the foreseeable future), while the latter, shocking in its arrogance and hubris, allows gerrymandering to drive a process promulgated to end it.

Until the "needs" of the politicians are ignored and districts are formulated based on commonalities of interests, compactness of geography and the like (admittedly, details details details), success is unlikely. While we must work to remove the cited latter law, I urge you to give as little attention as possible to political party needs. For once, let the politicians work for the position to which they aspire.

Dexter E Oliver
2901 Broadstone Ct
N Chesterfield VA 23236
vabn22@aol.com
804-745-9441

From: hydro4u@aol.com
To: [Redistricting](#)
Cc: hydro4u@aol.com
Subject: Comments on Redistricting
Date: Sunday, December 05, 2021 2:05:34 PM

EXTERNAL EMAIL

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Muriel-Theresa Pitney
Clerk of Court Supreme Court of Virginia
100 North Ninth St
Richmond VA 23219

RE: Rules and Procedures for Implementing the Requirements of Article II, Section 6-A

To Whom It May Concern,

Pursuant to Rule 4 (a) of the Rules and Procedures for Implementing the Requirements of Article II Section 6-A of the Constitution of Virginia, I am submitting the following comments and suggestions regarding redistricting.

Be Bold, Create a New Gold Standard in Redistricting

The Virginia Supreme Court is in the unique position to redefine and establish the new Gold Standard in Redistricting. This is a unique opportunity to respect the choices of a free people and create colorblind districts that keep those communities whole. Redistricting criteria consistently espouse the principle of compact, contiguous, and keeping communities of interest intact. Finally meeting this goal can now be done with very little effort. The Congressional A5 proposal by the Redistricting Commission is an almost perfect roadmap which can be perfected with two minor changes. First, eliminate ALL split precincts. Second, abandon the arbitrary and unrealistic attempt to make all districts exactly equal in population numbers. These two previous considerations unflinching cause communities to be unnecessarily divided.

American people have the right and freedom to choose where they will live. With this choice, they establish communities. There are a plethora of reasons involved making this choice whether it be schools, work, family, or other factors such as the current representation or even the racial makeup of the neighborhood. They have the freedom to make that choice, whatever their reasons may be, their choice should be respected. Census blocks and Voting Precincts are, or should be, established to confirm these communities of interest. It should not be up to government political interests to arbitrarily tear apart the people's community of choice.

For example, in the Congressional A5 Map the 3rd Congressional District keeps all of Hampton, all of Norfolk, and all of Portsmouth intact with no split precincts. Additionally, Newport News is intact except for 500 voters in the Saunders Precinct split into the 1st District. The arbitrary desire to have an exactly equal number of voters in each district should not preempt the need to keep these 500 voters intact with their community of interest. Similarly, Chesapeake has several split precincts apparently for the sole reason of keeping a precise number of voters in the districts. By allowing a minor deviation from the ideal number of voters in the entire district, communities of interest could easily remain intact.

Expanding on the above example, the 2nd District should include all precincts in Chesapeake not in the 1st District.

3 District along with all of Accomack, Northampton, and Virginia Beach continuing along the North Carolina border to include all of Isle of Wight, Southampton, Suffolk, and Franklin. If Southampton, for example, would have to be split, all precincts should remain whole. Statewide, no city or county should be split more than once, and no individual precinct should ever be split.

This would put critics of the new districts in the unenviable position of justifying why an exactly equal number of voters is so important that it demands splitting and dividing many precincts and communities across the State. Establishing districts with the primary purpose to keep precincts intact would thereby also establish colorblind political districts since race is not considered. Similarly, critics would need to justify why dividing communities solely based on race is not in itself a racist concept.

This same criteria should also be used for redistricting the General Assembly.

Establishing colorblind districts that respect the citizen's free choice of communities could in fact become the Gold Standard for other states to emulate.

Carl Anderson
Hampton

Carl Anderson
16 Banister Drive
Hampton, VA 23666
757 870 6081

December 5, 2021

Muriel-Theresa Pitney
Clerk of Court
Supreme Court of Virginia
100 North Ninth Street
Richmond, Virginia 23219

RE: Rules and Procedures for Implementing the Requirements of Article II, Section 6-A

To Whom It May Concern,

Pursuant to Rule 4(a) of the Rules and Procedures for Implementing the Requirements of Article II, Section 6-A of the Constitution of Virginia, I am submitting the following comments and suggestions regarding redistricting for the Virginia House of Delegates.

I urge you to maintain the unique character of the Columbia Pike corridor and not split it along its most significant identity feature into two House of Delegates districts.

My name is Reid Goldstein and I'm writing about redistricting plans in Arlington, VA. I am a 36-year resident of the Columbia Pike corridor in South Arlington and have held multiple positions with civic and governmental organizations during that time, all with the intent to represent and improve my community. I believe that community improvement is not a spectator sport and that the benefits of a healthy community come when we actively work for them. I have been the president of my neighborhood civic association; the President of the Board of the Columbia Pike Revitalization Organization; and I served for 8 years on Arlington County's Housing Commission, to name a few of my community engagement activities. **I am currently an elected member of the Arlington School Board.**

Columbia Pike is South Arlington's Main Street, which forms a focal point for the entire community both North and South of it. It is THE central corridor for commercial activity, transportation, housing, and the lifeblood of the economic community in South Arlington. Along with community roads of similar size and characteristics to its north (eg, Rt 29, Washington Blvd, and Wilson Blvd), Columbia Pike traverses the entire latitude of Arlington County – from the Pentagon on the east to the county line on the west. The most utilized bus line in the Commonwealth, the #16 Metrobus, travels down Columbia Pike to and from the Pentagon, which as you know, is the world's largest office building.

Currently the Columbia Pike corridor, and nearly the entirety of South Arlington is contained in one House of Delegates district – the 49th. **The proposal to split this district down the centerline of Columbia Pike unnecessarily divides a community whose cohesive feature is the Columbia Pike corridor.** This proposal will separate those neighborhoods north of Columbia Pike from their neighbors south of Columbia Pike and combine them with the racially and socio-economically dissimilar 47th House district. **Doing so will dilute the power of the 49th district to**

represent the concerns and interests of South Arlington residents. It will also divide the advocacy in the House of Delegates for the interests of residents of the 47th with respect to housing, transportation, and economic livelihood – 3 essential components of a healthy community.

- South Arlington is a vibrant, ethnically and culturally diverse community of interest.
- The Columbia Pike corridor is known as “the World in a Zip Code”. Residents here hail from 135 countries.
- South Arlington is, and has historically been, the home of a majority of Arlington’s lower-income communities and communities of color. They have faced disproportionate economic hardship compared to families in North Arlington and have specific infrastructure and public service needs that are unique to this area.
- The Columbia Pike corridor is disproportionately home to many of Arlington’s poorest residents and has benefitted significantly from political cohesion in local and state affairs.
- Speaking as a School Board member, I can say that Arlington Public Schools has historically recognized the unique geography and demographics of South Arlington and the Columbia Pike corridor in its school boundary assignments, Capital Improvement Plans, and annual resource budgeting plans.

Thank you for your consideration of my request.

Reid Goldstein

Reid Goldstein, 3711-16th St. South, Arlington, VA 22204
reidgoldstein@gmail.com

From: [Steve Baker](#)
To: [Redistricting](#)
Subject: Redistricting comments, Arlington
Date: Monday, December 06, 2021 10:03:37 AM

EXTERNAL EMAIL

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Muriel-Theresa Pitney
Clerk of the Court
Supreme Court of Virginia
100 N Ninth St
Richmond, VA 23219

RE: rules and procedures for implementing the requirements of article II, section 6-A

To whom it may concern,

Pursuant to rule 4(a) of the rules and procedures for implementing the requirements of article II section 6-A of the Constitution of Virginia, I am submitting the following comments and suggestions regarding redistricting for the Virginia House of Delegates.

South Arlington is defined as anything below Arlington Boulevard. Maps that divide South Arlington by using Columbia Pike as a district boundary are egregious. The communities of interest in this area date back over 150 years and today comprise one of the most diverse communities in Virginia. It should be preserved, not cut in half.

Sincerely,
Steve Baker

Steve Baker
1121 Arlington Blvd #339
Arlington, VA 22209

From: [Sally Tierney](#)
To: [Redistricting](#)
Subject: map
Date: Monday, December 06, 2021 10:31:23 AM

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Please keep our communities intact. We need a map that doesn't divide us. Thank you!-Sally

Sally Tierney, Private Investigator
Viken Investigations
703-774-7310



From: [League of Women Voters Arlington and Alexandria VA](#)
To: [Redistricting](#)
Subject: Communities of Interest
Date: Monday, December 06, 2021 10:40:32 AM

EXTERNAL EMAIL

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December 6, 2021

TO: Justices of the Supreme Court of Virginia and Special Masters
Redistricting@vacourts.gov

The League of Women Voters of Arlington and Alexandria City urges the special masters to draw concise districts that represent established communities of interest (COI). COIs are defined in Virginia Statute as a “neighborhood or any geographically defined group of people living in an area who share similar social, cultural, and economic interests.” Preservation of COIs was “extremely important to the Commission” per their guidelines and criteria. To that end, we suggest that districts affecting our area be drawn around the 4 major high schools in the area; Washington-Liberty, Wakefield, Yorktown, and Alexandria High. These represent long established communities with many commonalities.

Members of The League of Women Voters of Arlington and Alexandria City took advantage of the transparency provisions and attended all the Commission meetings and hearings either in person or virtually. We invite you to read the LWV Virginia [redistricting blogs](#) which cover Virginia’s redistricting process in detail beginning with the selection of Commission members in January 2021 to the latest information provided through the SCoVA website. We captured citizen comments which are not available from any other source unless one has the time to listen directly to the video transcripts of the meetings and hearings.

Thank you,

Joan Porte
President

League of Women Voters of Arlington and Alexandria City (VA), educating the County's voters since 1944

- * Like us at [facebook.com/LWVArlington](https://www.facebook.com/LWVArlington)
- * Our website: <https://my.lwv.org/virginia/arlington>

From: [Steve Baker](#)
To: [Redistricting](#)
Subject: VA-07, U.S. House District
Date: Monday, December 06, 2021 10:57:17 AM

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Muriel-Theresa Pitney
Clerk of the Court
Supreme Court of Virginia
100 N Ninth St
Richmond, VA 23219

RE: rules and procedures for implementing the requirements of article II, section 6-A

To whom it may concern,

Pursuant to rule 4(a) of the rules and procedures for implementing the requirements of article II section 6-A of the Constitution of Virginia, I am submitting the following comments and suggestions regarding redistricting for the U.S. House, Virginia.

Regarding the issue of compactness, Culpeper and Nottoway counties should be removed from the 7th district to help alleviate a large increase in population there. Also, Eastern Henrico county represents an historic community of interest which has been severed from the rest of the county in the districting process. It is egregious to divide the county this way and that section should be restored to the rest of the county.

Sincerely
Steve Baker

Steve Baker
1121 Arlington Blvd #339
Arlington, VA 22209

From: marybesssmith@gmail.com
To: [Redistricting](#)
Subject: Comments on Redistricting Maps
Date: Monday, December 06, 2021 11:45:43 AM

EXTERNAL EMAIL

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Honorable Members of the Supreme Court of Virginia:

When considering the redistricting maps for the geographic area which currently makes up HOD 19, I ask that you please refrain from splitting Botetourt County into three separate House Districts, as was previously portrayed on one of the earlier maps. Botetourt certainly meets the criteria for a “community of interest” and a “community of place”, and splitting it into three separate House Districts seriously undermines this precept.

I also ask that you consider the significant geographical challenges (i.e., the Blue Ridge Mountain range) that separate Botetourt and Bedford Counties, in any maps that pair these two disparate geographical areas into the same district. Combining Botetourt with its neighbors to the north, and west of the Blue Ridge mountains would eliminate this significant geographic obstacle.

Thank you for your consideration,

Mary Bess Smith
Mayor, Town of Fincastle

From: [Dolores Brown](#)
To: [Redistricting](#)
Subject: comment on redistricting
Date: Monday, December 06, 2021 11:49:21 AM

EXTERNAL EMAIL

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Dear Ms. Pitney -

I appreciate the opportunity to comment upon the redistricting issue.

Our democracy is in trouble. It will not be extinguished by a big bang, but by the drip by drip undermining of peoples' faith in the democratic process and an undermining of the rule of law.

The redistricting process will be a vivid example of whether Virginia is able to draw the maps without any consideration of political implications, or whether the State will abet a descent into sham democracy, as I have seen vividly in other countries. I urge that we scrupulously take politics out of the redistricting process and draw maps that meet the established statutory criteria of Virginia. Our democratic system is more fragile than many think.

Thank you - Dolores Brown

2213 Whiteoaks Drive
Alexandria VA 22306

From: gbooth123@aol.com
To: [Redistricting](#)
Subject: Comments on redistricting for the record
Date: Monday, December 06, 2021 11:53:30 AM

EXTERNAL EMAIL

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In redrawing legislative districts, I urge you to strictly adhere to the principle to maintain the communities of interest in the state as required by Virginia law.

As a long-term resident of the Mount Vernon area of Fairfax County, I strongly urge you to not merge Fairfax County and Alexandria city districts or create a district with parts in both jurisdictions.

Many neighborhoods in the Mount Vernon area have an Alexandria postal address which creates confusion. Don't compound the confusion.

There are many factors that create a community of interest for our area, like the U.S. 1 corridor. Mount Vernon is a distinct community of interest and district lines should not cut out and separate communities on either side of the highway.

Mount Vernon and Lee magisterial districts have a natural boundary of Cameron Run and Hunting Creek and the Beltway/I-95/I-495.

Putting Fairfax County residents in an Alexandria district or vice versa creates much confusion about which elected officials represent whom.

Counties and cities are different and are treated differently under state law.

Thank you for considering my views.

Glenda Booth

7708 Tauxemont Road

Alexandria, VA 22308

From: [Joanne Collins](#)
To: [Redistricting](#)
Subject: VA Redistricting Comment
Date: Monday, December 06, 2021 10:36:43 PM

EXTERNAL EMAIL

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To the Honorable Members of the Virginia Supreme Court,

I am a resident and voter in Fairfax County (Reston).

The intent of the voters who passed Amendment 1, was the expectation to end gerrymandering and allow voters to choose their representatives by ensuring their vote was equal to everyone else's.

I was against Amendment 1 as written. It preserved partisan politics in the commission make-up. The VA Redistricting Commission resulted in gerrymandered map submissions including an unnecessary re-orientating of congressional district lines. The commission played out as expected with the maps being rejected, punting the redistricting process to the VA Supreme Court.

I appreciate the non-partisan role of SCOVA and thank you for rejecting the initial partisan Special Masters put forth. My hope is that the Judiciary will stay the course and the final product will adhere to fair district maps being produced.

Thank you for allowing the public to submit detailed comments and hope the Court (and Special Masters) will use them to inform their decisions.

Respectfully,

Joanne Collins
11744 Great Owl Cir
Reston 20194

From: csilas1955@aol.com
To: [Redistricting](#)
Subject: District 1
Date: Wednesday, December 08, 2021 10:09:35 AM

EXTERNAL EMAIL

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Please review the District 1 boundaries. There is no logical reason for a district to include both Prince William County and Newport News.

[Sent from the all new AOL app for Android](#)

From: [Steve Schawaroch](#)
To: [Redistricting](#)
Subject: Clerk of the Supreme Court of Virginia
Date: Wednesday, December 08, 2021 11:30:02 AM

EXTERNAL EMAIL

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I am responding to a November 4 press release with:

Rules and Procedures for Implementing the Requirements of Article II, Section 6-A of the Constitution of Virginia

For the 7th Congressional District, where I live, the current/old map is horribly disjointed. Almost anything would be better. Thank you for doing this!!!

I see map “B5 Statewide CD,”

(That title is on the top right, hope that is the correct way to refer to it. That is the one that has all of my county, Goochland. It includes Western Henrico, Western Chesterfield, and goes West to Charlottesville.)

This makes the most sense versus the others I’ve seen. The “B5” map groups a mixed area, not a guaranteed safe seat for either party, but these have far more in common than the deep rural areas that were previously used to dilute suburban representation.

Regarding VA House District 56, where I live...

-Currently, District 56 is a small piece of Henrico (Short Pump), Goochland (where I live), and a tiny corridor going North to the West side of Lake Anna. Clearly drawn to deny voters representation.

- I would prefer to have all of Goochland County together.

-Second choice would be for the Eastern third or half of Goochland to be joined with the close parts of Chesterfield and close part of Powhattan. (Or maybe third of Goochland with just Chesterfield.)

We are a suburban area and almost everyone I know is a swing voter. For the VA House, we all know we are in safe districts where the general election is of no importance.

Thank you for doing this incredibly complicated work.

Steven Schawaroch
sschaward@gmail.com
703-475-7629

Mrs. Muriel-Theresa Pitney

Clerk of the Court

Supreme Court of Virginia

100 North 9th Street

Richmond, Virginia 23219

Re: Rules and Procedures for Implementing the Requirements of Article II, Section 6-A

To Whom It May Concern,

Pursuant to Rule 4(a) of the rules and procedures for implementing the requirements of Article II Section 6-A of the constitution of Virginia, I'm submitting the following comments and suggestions regarding redistricting for the Virginia House of Delegates.

I submit these comments as a resident, since 2006, and active community member of the Columbia Pike Corridor in Arlington (zip code: 22204) and as the former Executive Director of the Columbia Pike Revitalization Organization (www.columbiapike.org, today: Columbia Pike Partnership) from 2009-2016.

Published preliminary maps showed Columbia Pike as the dividing boundary between a northern and a southern future district. Such division ignores the fact that Columbia Pike is, in reality, the historic and current central axis of Arlington's most culturally, socially and economically diverse community, the geographic extend of which is mostly congruent with [ZIP code 22204](#). This community has all the characteristics of a "Community of Interest" as defined by Virginia Code and therefore it is important that it is included in one voting district and not divided in two or three as proposed.

Columbia Pike is Arlington's oldest main street (chartered by Congress in 1810). With its surrounding neighborhoods it forms a major South Arlington corridor. The arrival of a new federal workforce during the New Deal era and the construction of the Pentagon in 1941 were catalysts for vigorous urban growth along both sides of the Pike. Significant "Garden Apartment" complexes (a typical legacy multifamily housing type in Arlington) were constructed on both sides of the arterial street along with the corresponding neighborhood commercial areas. Still today, Columbia Pike ranks among the 2 or 3 highest ridership bus-transit corridors in the Commonwealth. The combination of available and affordable workforce housing, good transit, schools and other services attracted immigrant communities that began to arrive in the region. Columbia Pike soon became what the Brookings foundation described as "World in a Zip-Code", Northern Virginia's most diverse, multicultural neighborhood.

There are more than 85 languages spoken in Elementary Schools along Columbia Pike. Among others, we have vibrant Latinx, Ethiopian, Mongolian and Middle-Eastern communities rooted on both sides of the Pike. Dividing them politically will be detrimental to their community cohesion.

The unique [Columbia Pike Documentary Project](#) has been documenting these communities for 25 years. There is a [current photographic exhibit](#) at the Virginia Library in Richmond, documenting our community along the Pike.

Arlington County has [planned Columbia Pike always as one district](#), especially since the late 1990s when the County Board adopted the “Columbia Pike Initiative” with the goal of revitalizing the corridor. As a citizen and, later, as the [Executive Director of the Columbia Pike Revitalization Organization](#) I was deeply involved with the multiyear community-lead planning efforts. In 2012, the [Columbia Pike Neighborhoods Plan](#) received the [Benjamin Banneker Award for Outstanding Social Commitment and Community](#). As a member of the Committee that co-authored this plan I firmly believe that the proposed political division will be detrimental to the revitalization efforts of our community.

On Columbia Pike, we are one, very tightly knit set of neighborhoods. We face significant common challenges. We are much more diverse and less wealthy than Arlington neighborhoods north of Arlington Blvd (R50). We have experienced disinvestment and lagged economically behind the rest of the County. We are the last in line to see investment in schools, public infrastructure, facilities and services. Columbia Pike is still the largest repository of affordable housing in Arlington and home to a disproportionately high share of moderate and low-income residents.

The existence of long-standing community-institutions like the Pike-Presidents-Group (which is the standing conference of all Civic Association Presidents along the corridor) and the Columbia Pike Partnership (former Columbia Pike Revitalization Organization, founded in 1986), is a testimony to the fact that we stand and advocate for our community interests as one community.

It would be therefore appropriate to be represented as ONE district in the General Assembly.

Thank you for your consideration.

With kind regards,

Takis Karantonis

1401 S. Edgewood St.

Arlington VA 22204

From: [Matt Glunt](#)
To: [Redistricting](#)
Subject: Redistricting maps
Date: Thursday, December 09, 2021 9:21:09 AM

EXTERNAL EMAIL

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I am a 17 year resident of Spotsylvania county and have enjoyed my time here. Unfortunately, each of the redistricting maps, US Congress, House of Delegates, and the state senate carve me away from the rest of the county. I live near the corner of Courthouse Road and Leavells Road in the NE part of the county. Each map takes that little slice of the county and removes it from the districts covering the rest. All 3 of my representatives will change under this plan.

I'd like to see Spotsylvania kept together as much as possible and not split between, in some cases, 3 districts.

Thank you
Matthew Glunt
10508 Bent Tree Dr, 22407

From: [Sharon Barnes](#)
To: [Redistricting](#)
Subject: Mount Vernon District
Date: Thursday, December 09, 2021 9:47:56 AM

EXTERNAL EMAIL

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You did not even mention the Mount Vernon District. You split it all up and made a mess without referring to it or explaining it.

Sharon Barnes
1408 Oakbrooke Avenue
Alexandria, VA 22308
36th Senatorial District
Sharonwbarnes@gmail.com

From: [Dianne Hansen](#)
To: [Redistricting](#)
Subject: Limit to the number of vertices which shape voting Districts
Date: Thursday, December 09, 2021 11:01:20 AM

EXTERNAL EMAIL

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To Clerk of the Supreme Court,

This is in reference to Procedures for Implementing the Requirements of Article II, Section 6-A. In order to keep the shapes "compact", would it be possible to limit to the number of vertices on the shape of each voting region? A triangle would have 3 vertices, a square 4. I realize it's difficult to follow the boundaries of the Western side of Virginia can cause odd shaped districts, perhaps the state edges can count as one side (2 vertices). The number would have to be determined, but it may be a helpful indicator when a shape is not concise.

Thank you for your time,

Dianne

703-620-1658

Dianne Hansen

3626 W Ox Rd, Fairfax, VA 22033

From: [Megan Doney](#)
To: [Redistricting](#)
Subject: Montgomery County, VA
Date: Thursday, December 09, 2021 11:36:40 AM

EXTERNAL EMAIL

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Good morning,

I am writing to request that Montgomery County be kept together as one district. Blacksburg/Christiansburg/Radford are communities of interest with overlap in employment, health care, and the arts and should also be grouped together.

Respectfully,

Megan Doney

Christiansburg, VA

--

Another world is not only possible, she is on her way. On a quiet day, I can hear her breathing.
--Arundhati Roy

From: [Jacob Levy](#)
To: [Redistricting](#)
Subject: 2nd and 3rd CD Redistricting: Constituent Input
Date: Thursday, December 09, 2021 2:06:49 PM
Attachments: [Screen Shot 2021-12-09 at 1.23.18 PM.png](#)

EXTERNAL EMAIL

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Good afternoon,

My name is Jacob Levy. I'm a Virginia Beach resident, lifelong Norfolk/Virginia Beach resident, and 3rd year student at Georgetown Law (where I've studied election law encompassing redistricting under Rick Hasen). I write in regard to the 2nd and 3rd congressional districts in the Virginia redistricting process — my community.

The redistricting commission's allocation of Chesapeake to the 2nd and 3rd is a commendable improvement. However, **I write to voice that the northern half of Norfolk should remain in the 2nd district where it has historically been. In turn, Suffolk, Isle of Wight, Franklin, and the eastern sliver of Southampton should remain in the 3rd rather than be moved to the 2nd.** These two changes entail virtually identical population sizes and would effectively "cancel each other out", with virtually no other changes necessary in response (*This suggestion can be viewed in the image attached at bottom of this email, or at this link:* <https://davesredistricting.org/maps#viewmap::118ae4b3-d87b-406c-b9df-7611b85e383b>)

This largely keeps the redistricting commission's Chesapeake changes intact, while **better preserving communities of interest:** The Suffolk/Franklin areas share more with Portsmouth and the rest of the 3rd, while the northern part of Norfolk is far more a community of interest with Virginia Beach. I speak from personal experience, having lived in various parts of Virginia Beach but always gone to school in, worshiped in, and visited friends and family in these relevant parts of Norfolk that have always been with us in the 2nd. Further, this proposal **strengthens minority representation**, keeping the 3rd district closer to its current state than the new redistricting proposal, which diminishes its Black representation. **This proposal is also more geographically compact/clean** (and as for partisan effect, if that's a consideration, it leaves the already-competitive 2nd district virtually unchanged and still very competitive for both parties.)

Perhaps most importantly, this change to the 2nd/3rd CDs in the redistricting proposal can be done without making *any* other changes to *any* other districts on the map. Redistricting is difficult when one change messes up the map somewhere else, and I understand that may leave the Supreme Court hesitant to make changes to the Special Masters' map. However, that is not a problem with this suggested change here: all other districts remain unchanged, and the 2nd/3rd CD's end up at even more equal population parity after this change.

Please feel free to reach out to me with any questions about this proposal to keep these designated parts of Norfolk with their communities of interest in Virginia Beach at 757-477-

2212 or jml437@georgetown.edu. I am more than happy to discuss further in writing, on call, or in person at your convenience.

Thank you for your time and service,
Jacob Levy

From: [John McAuliff](#)
To: [Redistricting](#)
Subject: Citizen Map Comments
Date: Thursday, December 09, 2021 3:20:18 PM

EXTERNAL EMAIL

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Mr. Trende & Dr. Grofman,

I hope this email finds you well. My name is John McAuliff and I live in Warrenton, Virginia. My comments are as follows:

In general, these maps are an immense improvement on the 2010 maps and the work of the commission. I have one suggestion, which is to include the Warrenton precincts in Senate District 31. Warrenton is the heart of Fauquier County, 50-50 politically speaking, and is a town whose economy hums on the tourism and wedding industry as does rest of the Northern Piedmont that this district is designed to include. We have very little in common with Southern Fauquier and points south (though nothing against them either). It also looks a bit odd with the little notch from where Warrenton is excluded.

Sincerely yours,

John

--

John C McAuliff

From: [Gordon Goetz](#)
To: [Redistricting](#)
Subject: Virginia Redistricting Commission - Rte 123 Core Community
Date: Thursday, December 09, 2021 5:08:16 PM

EXTERNAL EMAIL

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Virginia Redistricting Commission,

Thank you for your service on the historic first Virginia Redistricting Commission, and for your thoughtfulness and consideration during this difficult and complex process. I am writing today to express my support of your recommendation to separate the Virginia Route 123 Core Community. The communities along Route 123 in central Fairfax, including Fairfax City, the Town of Vienna and George Mason University, may very well have social, historic and cultural ties that constitute a community of interest, the reality is that I have never felt any connection to the town of Vienna or any community north of Fairfax City.

The fact of the matter and daily reality of being a resident of Fairfax (Kings Park West) since 2012 is that my family and I have much more of a connection with the neighboring communities of Springfield, Burke, Fairfax City, and George Mason University than any other communities in Fairfax. I see my neighbors in these communities as the ones that we share similar social, cultural, and economic interests with. For me, I have never considered the Route 123 Core community as having any significant effects on the lives of me and my family.

Sharing a main road such as Rte 123 may have in the past contributed to a broader common identity, however shifting demographics and home prices have changed that connection. I don't see where linking Fairfax with Vienna where home prices are significantly higher lends itself to a shared experience.

In conclusion, I support the breaking apart of the Route 123 Core Community. Best wishes, and thank you for your service.

Gordon Goetz
ghgoetz@gmail.com
10003 Enford Ct.
Fairfax, Virginia 22032

Gordon H. Goetz
Fairfax, VA

From: [Tim Huson](#)
To: [Redistricting](#)
Subject: Written public comment regarding the redistricting maps proposed by the Special Masters
Date: Thursday, December 09, 2021 5:15:14 PM

EXTERNAL EMAIL

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Honorable Justices of the Virginia Supreme Court:

I write to submit a public comment regarding the redistricting maps proposed by the Special Masters. Having reviewed the Special Masters' maps and their explanatory notes, I observe:

1. All in all, this seems like a solid, non-partisan result that accomplishes the goals set out in the new redistricting law.
2. The Special Masters' maps and the accompanying notes are impressive. Including notes on how they came up with each district and how they considered alternatives is a valuable communication of their logic, impartiality, and transparency. They appear to have been wholly non-partisan and professional. The notes show how and what they were thinking, and how they have tried to meet the competing goals of drawing districts. The rigor of their computational checks also shines through.
3. The interactive maps, with comments pinned to specific locations, are a great communication and transparency tool.
4. I have only one suggestion. The U.S. Congress and state Senate maps apparently would not produce a result to the unfair advantage of either party. However, on page 49 of the notes, the Special Masters explain that the state House of Delegates map could slightly favor the Republicans vs a hypothetically perfect result in the number of Delegates elected that would mirror the statewide proportion of votes in the most recent relevant election. The notes state "This gives Republicans a slight advantage. However, it is difficult to eliminate this advantage given Virginia's political geography. ... overall, this map is well-balanced, does not unduly favor an[y] party and did not need to be adjusted." I encourage the Special Masters to elaborate on why it is difficult to eliminate this slight Republican "advantage given Virginia's political geography." Throughout the paper they have shown how they considered alternative approaches and why they made the choices they did. If they explain this House map result more thoroughly and how they considered addressing this slight advantage but determined they could not or should not do so, then they will have made it easier to understand and assess their analysis and choices.

Tim Huson
Arlington, Virginia
tim@huson.com
U.S. Cell: +1 (703) 899-6216

From: [Dustin Howard](#)
To: [Redistricting](#)
Subject: Disenfranchised in Stafford
Date: Thursday, December 09, 2021 7:53:15 PM

EXTERNAL EMAIL

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To whom it may concern:

The Special Masters' decision to divide the Fredericksburg region into two separate Congressional Districts, and intersperse us with Northern Virginia counties is most disheartening. I do not believe Prince William voters will have our best interests at heart, nor will Loudoun voters have Spotsylvania in mind.

The southern exurbs of the DC metro do not consider themselves to be part of Northern Virginia. Please consider placing Loudoun and Prince William in their own districts, and allow Stafford and Spotsylvania to remain part of the same voting district.

I would express concern to my elected representatives, but given the process, this is my only hope of being heard.

Sincerely,
Dustin Howard
Stafford, VA

From: [Tim Michel](#)
To: [Redistricting](#)
Subject: Thank you.
Date: Thursday, December 09, 2021 7:21:39 PM

EXTERNAL EMAIL

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Please keep working against gerrymandering so democracy can survive.
Tim Michel

From: [Cathy Hosek](#)
To: [Redistricting](#)
Subject: Maps brought forward from the Supreme Court
Date: Thursday, December 09, 2021 10:14:05 PM

EXTERNAL EMAIL

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Hello again,

I have just taken a look at the new maps drawn by the Supreme Court and I would like to make some comments.

My current district is the 36th Senate District. The new map has me as a resident of the 34th district. In my previous comments, I stated that I-95 should be the western boundary of this district. Fairfax County has much more in common than the areas south of Occoquan in Prince William County or West of I-95. However, this map pairs the Mount Vernon District with Springfield. The Fairfax County Board of Supervisors just approved a new Magisterial District Map for our districts and they REMOVED a Springfield district because we do not share common interests. Here is a link to that map: <https://www.fairfaxcounty.gov/redistricting/sites/redistricting/files/assets/documents/2021-adopted-redistricting-plan-map.pdf>

The newly drawn Fairfax County magisterial district map is a much better representation than the Senate map as West Springfield and the communities east of I-95 are not communities of interest. An example is the Mount Vernon High School that is located on 8515 Old Mount Vernon Road that would be split in half with this map. See the map of the school boundaries on this map: https://www.fcps.edu/sites/default/files/boundary-maps/Mountvernon_HS.pdf The memo that states that the 34th district is anchored in West Springfield and Franconia is not true. Looking at the map of Fairfax County AND the school boundary of Mount Vernon High School will inform the Special Masters where the boundaries should be.

The Mount Vernon Community, which contains many communities of interest which cover the area from the southern edge of Alexandria City (Belle View) all the way south down to the Prince William County line. It goes from the Potomac River west to I-95. The development of the Route 1 corridor from Old Town to Fort Belvoir (EMBARK - details here: <https://fairfaxcountygis.maps.arcgis.com/apps/MapSeries/index.html?appid=7e2f347f24bd4f7e909a92b3b2f274a9>) is of concern to all of the residents who live along the corridor, but is not of interest to West Springfield or even Franconia.

The Mount Vernon Estate is the anchor of the Mount Vernon community. Please take note that Mount Vernon has a very strong community with organizations like the MVCCA (Mount Vernon Council of Citizens' Associations) - <https://www.mvcca.org/> and VIC (Ventures in Community) - <https://venturesincommunity.org/> - which both include members all along the Route 1 Corridor.

Mason Neck is also a part of the Mount Vernon District, as is Lorton who have nothing in common with the residents of Haymarket and Fredericksburg.

Please share the links above with the Special Masters, because I believe they need to know that the boundaries they have submitted do not recognize Mount Vernon as a community of interest, which we absolutely are.

Sincerely,

Cathy Hosek
Proud Mount Vernon Resident

From: [Robert Fasick](#)
To: [Redistricting](#)
Subject: Comments on Congressional Map Proposal
Date: Thursday, December 09, 2021 11:56:21 PM

EXTERNAL EMAIL

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To Whom It May Concern,

It is with some consternation that I have viewed the maps as drawn by the Special Masters for the Supreme Court of Virginia. I am most interested in the Northern Virginia portion of the maps, and thusly that is the area on which I will comment. Having lived in Northern Virginia since 1976, I would say that there are certain areas (the 8th, 11th and 7th Congressional Districts on the proposed maps), that appear to have been drawn without much information on or consideration of the nature of the communities and flow of life and activities in those new districts. It appears that the Special Masters had no real knowledge or understanding that Mount Vernon et al is one community!

Specifically, the 8th Congressional District, and the 11th Congressional District are of major interest to me, as well as the 7th District on the new map. It is most concerning that sections of the Mount Vernon Community (yes, community is exactly the right word), those land parcels geographically located contiguous with the property of Mount Vernon (Plantation), have been taken from those communities, and in fact from parts of the greater Mount Vernon Community, with which they are most aligned. "Westgate" is in fact the West Gate of the Mount Vernon Plantation, and is intimately involved with community life in the area. Many of the normal civic and life activities of residents are rather neatly and naturally divided on the south by Fort Belvoir. (These are folks who would naturally be talking with each other about how things are going, and what they thought of what the government was doing in their community. A pretty good indicator of common interests!) Additionally, although County governmental boundaries are not necessarily a major consideration, government resources provided to the new 7th District would primarily come from Prince William and Stafford Counties, while the Mount Vernon section of the new district would receive resources from Fairfax County. These resources would necessarily be provided to address quite different priorities. Congressional representation is certainly quite different from County or State House and Senate representation, but I truly believe that when possible, those jurisdictions should be aligned so that the everyday concerns of citizens can be more efficiently and effectively addressed.

My primary suggestion for modifying the proposed maps would be to incorporate those parts of the Mount Vernon area existing between the Mount Vernon Plantation and extending to the northern boundary of Fort Belvoir at US Route 1, and the Northern neck immediately to the south of Fort Belvoir be included in the revised maps for Congressional Districts 8 and 11, allowing Occoquan Bay to be a natural boundary between the 8th, the 11th and the 7th. I believe that the normal life interests, and thus the necessary representation of residents living in the Mount Vernon and Mason Neck areas more closely align with those residents in the new 8th and 11th than in the new 7th.

Respectfully

Bob Fasick

703-866-6124

@ 571-331-6048

Conscience, Compassion, Commitment

From: [Genie McCreery](#)
To: [Redistricting](#)
Subject: Opinion: Supreme Courts Maps being considered
Date: Friday, December 10, 2021 12:30:49 AM

EXTERNAL EMAIL

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Good evening,

Please keep Mount Vernon together. The Supreme Court choice of new maps cuts Mt Vernon in half and includes us with West springfield, which we do not have anything in common. Many of us have discussed and agreed on the following. These are some of many of the reason why Mount Vernon must stay together.

I am in the 36th Senate District. It only makes sense that I-95 should be the western boundary of this district. Fairfax County has much more in common than the areas south of Occoquan in Prince William County or West of I-95. However, this map pairs the Mount Vernon District with Springfield. The Fairfax County Board of Supervisors just approved a new Magisterial District Map for our districts and they REMOVED a Springfield district because we do not share common interests. Here is a link to that

map: <https://www.fairfaxcounty.gov/redistricting/sites/redistricting/files/assets/documents/2021-adopted-redistricting-plan-map.pdf>

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The Mount Vernon Community, which contains many communities of interest which cover the area from the southern edge of Alexandria City (Belle View) all the way south down to the Prince William County line. It goes from the Potomac River west to I-95. The development of the Route 1 corridor from Old Town to Fort Belvoir (EMBARK - details here: <https://fairfaxcountygis.maps.arcgis.com/apps/MapSeries/index.html?appid=7e2f347f24bd4f7e909a92b3b2f274a9>) is of concern to all of the residents who live along the corridor, but is not of interest to West Springfield or even Franconia.

The Mount Vernon Estate is the anchor of the Mount Vernon community. Please take note that Mount Vernon has a very strong community with organizations like the MVCCA (Mount Vernon Council of Citizens' Associations) - <https://www.mvcca.org/> and VIC (Ventures in Community) - <https://venturesincommunity.org/> - which both include members all along the Route 1 Corridor.

Mason Neck is also a part of the Mount Vernon District, as is Lorton who have nothing in common with the residents of Haymarket and

Sincerely,

Genie McCreery
Concerned citizen of Mount Vernon

From: [Carol Coyle-Shea](#)
To: [Redistricting](#)
Subject: Mount Vernon district
Date: Friday, December 10, 2021 6:21:00 AM

EXTERNAL EMAIL

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TWIMC:

Background: I've lived in Northern Virginia since 1964, all but 8 of those years in the Mount Vernon Magisterial District. I spent about 15 years as secretary on Mount Vernon Council of Citizens' Associations. [When I moved from Waynewood to Montebello, my Voting District changed to Lee but I remained in the Mount Vernon Magisterial District.)

It is my understanding that the Mount Vernon Voting District, under the proposed redistricting, would extend further to the west, incorporating areas that have nothing in common with the Mount Vernon area. Extending the MV Voting District into Springfield makes no sense except, perhaps, to "play with" the numbers.

In years past, Mason Neck, which abuts the Mount Vernon area, was part of the MV Voting District; this made sense due to proximity. Reinstating that plus incorporating the area from Route One to North Kings Highway along the beltway (to correspond with MVMD boundary) would seem to me a more logical way of increasing the voter numbers in Mount Vernon Voting District.

Thank you for your consideration of this point of view.

Yours truly,

Carol Coyle-Shea

5903 Mount Eagle Drive, #118

Alexandria, VA 22303

From: [Jen](#)
To: [Redistricting](#)
Subject: Virginia Route 123 Core Community
Date: Friday, December 10, 2021 9:04:35 AM

EXTERNAL EMAIL

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Per your request

Virginia Redistricting Commission,

Thank you for your service on the historic first Virginia Redistricting Commission, and for your thoughtfulness and consideration during this difficult and complex process. I am writing today to ask that you keep the Virginia Route 123 Core Community together, at least as a State Senate district. The communities along Route 123 in central Fairfax, including Fairfax City, the Town of Vienna and George Mason University, have social, historic and cultural ties that constitute a community of interest. They are the 123 Core Community.

The Virginia Code defines communities of interest as a neighborhood or any geographically defined group of people living in an area who share similar social, cultural, and economic interests. Under this definition, the Route 123 Core constitutes one community.

Historically, Route 123 has crossed Fairfax County from south to north, connecting Route One to the Chain Bridge. Along that route, Route 123 in central Fairfax is a distinct community, which has survived for generations.

For example, Fairfax City and Vienna are historic towns within Fairfax County, whose existence predate the Civil War. They share a main road (Rte 123), border a key regional Highway (I-66), co-host a METRO station (Vienna), have local historic societies and downtown districts, and share a common identity as small jurisdictions just outside the Beltway. Additionally, Fairfax City runs an independent bus service that connects George Mason University and parts of Fairfax County south and east of the City to the Vienna METRO.

A key part of central Fairfax's identity comes from George Mason University, Virginia's largest public university, and its 33,000 students, not to mention all the professors and staff who live in the area. The University is located partly in Fairfax City and partly in Fairfax County.

The University's neighboring precincts in the County are all part of the University community. In Villa, Woodson, Robinson, Laurel, Bonnie Brae and Sideburn, the community is centered around the University. This is where professors live, and where students rent homes and apartments. These same precincts even share Fairfax postal addresses which end at the VRE railroad tracks, where Fairfax becomes Burke.

In conclusion, please keep the Route 123 Core Community together. The precincts are linked economically, socially and physically and should stay together in redistricting.

Best wishes, and thank you for your service,

Jennifer Kuenning

one_snickers@yahoo.com

5106 Richardson Drive

Fairfax, Virginia 22032

From: [Janet I. Trettner](#)
To: [Redistricting](#)
Subject: Article II, Section 6-A: Redistricting
Date: Friday, December 10, 2021 9:20:06 AM

EXTERNAL EMAIL

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3965 Mountain Valley Road
Keezletown, Virginia 22832
10 December 2021

The Supreme Court of Virginia
PO Box 1315
100 North Ninth Street
Richmond, Virginia 23218-1315

RE: The Rules and Prodecures for Implementing the Requirements of Article II, Section 6-A

Dear Justices:

I have looked at the redistricting maps that were released this week and I am writing to you regarding two considerations:

First of all, I was very pleased to see that none of the maps cross the Blue Ridge Mountains. It is extremely important to the integrity of our "communities of interest" that the Special Masters honored this natural boundary.

Secondly, I noticed the new districts were not renumbered as I and others have previously supported. It would be most beneficial to discussions of our electoral system if 1) each district were numbered in such a way as to be clearly identifiable as a Congressional, State Senate, or State House district while 2) giving each category of districts room for expansion in the event this is needed in the future.

This can be accomplished by preserving the current numbering system for Congressional districts (1-11), and by re-numbering the Senate districts 100-139 and the House districts 200-299.

I strongly urge the Court to adopt this numbering system in order to clarify discussions of political districts. This would greatly increase accessibility to the political process for those Virginians not totally steeped in the politics of our great Commonwealth.

Thank you for your consideration of my suggestion.

Very truly yours,
Janet I. Trettner

From: [Steve Baker](#)
To: [Redistricting](#)
Subject: Redistricting comments - implementing Article II, Section 6A
Date: Friday, December 10, 2021 9:33:40 AM

EXTERNAL EMAIL

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Muriel-Theresa Pitney
Clerk of the Court
Supreme Court of Virginia
100 N Ninth St
Richmond, VA 23219

RE: rules and procedures for implementing the requirements of article II, sec. 6-A

To whom it may concern,

Pursuant to rule 4a of the rules and procedures for implementing the requirements of article II section 6-A of the Constitution of Virginia, I am submitting the following comments and suggestions regarding redistricting for the Virginia U. S. House Districts.

I applaud the panel of experts for working hard to adhere to the principles of compactness and keeping communities of interest together, however, in the case of the 4th District they have been too successful. The 4th CD is clearly racially packed, and as a result, ultimately restrains the voices of minority voters. The easiest way to resolve this issue without compromising compactness is for the 4th to cede a little turf to the 1st who cedes a little to the 5th who cedes a little back to the 4th. The intersection of these three districts near Richmond's west end make it the only plausible location for an adjustment. I would suggest moving all of Henrico County and Richmond north of Broad Street to the 1st CD as a minimal show of good faith in unpacking the 4th. Thank you.

Sincerely,
Steve Baker

Steve Baker
1121 Arlington Blvd #339
Arlington, VA 22209

From: [Sharon Abernathy](#)
To: [Redistricting](#)
Subject: FW: Gerrymandering
Date: Friday, December 10, 2021 11:26:27 AM

-----Original Message-----

From: Susan Perry <susanyerry60@gmail.com>
Sent: Friday, December 10, 2021 10:37 AM
To: Internet Scclerksoffice <scvclerk@vacourts.gov>
Subject: Gerrymandering

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Dear Clerk Pitney,

I am writing to request the VA Supreme Court consider mathematical and other non-partisan technical methods to redistrict. There are mathematicians and technology experts who have worked on this issue for many years. Wisconsin is looking at technical options, as well.

Given these advancements, there is no reason to continue with trying to make the redistricting fair with innate human biases.

Thank you for your consideration,

Sincerely,
Susan Perry
Charlottesville, VA

From: [Carol](#)
To: [Redistricting](#); [Redistricting](#)
Subject: Redistricting maps draft
Date: Friday, December 10, 2021 1:03:21 PM

EXTERNAL EMAIL

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I think we should congratulate the special masters. The memo they wrote was like a manual that future commissions could use to do the job. Of course some individual incumbents will be out of jobs. Of course some voters will be in different districts. When things are done fairly, as I think is this case, that's what happens. The voters supported fair maps, and that's what was presented by the special masters. It is not about specific individuals. It's bigger than that. It's about the greater good. With these maps the voters of Virginia got what they voted for: the end of partisan gerrymandering.

I hope the Virginia Supreme Court is able to accept the maps as presented. I don't see how anyone could do a better job for the whole state.

Thank you.

Carol Rowan
1854 Laurel Mountain Drive
Salem, VA

carol@rowandc.com
540-750-1085

From: [Tracy Compton](#)
To: [Redistricting](#)
Subject: Fwd: Dear Commissioners
Date: Friday, December 10, 2021 8:18:07 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Please see below for my request to not break up the 123 Corridor. It is a district that should stay together!

-Tracy

----- Forwarded message -----

From: **VA Redistricting** <varedistrictingcommission@dls.virginia.gov>
Date: Thu, Dec 9, 2021 at 11:13 PM
Subject: Re: Dear Commissioners
To: <tracyannekelly@gmail.com>

Hello, and thank you for your interest.

The Supreme Court of Virginia has taken over the responsibility for redistricting and would like written comments emailed to the Court at Redistricting@vacourts.gov.

Best,

Virginia Redistricting Commission Support
Staff

—

On Thu, Dec 9, 2021 at 5:02 PM Tracy Compton <info@sg.actionnetwork.org> wrote:

Virginia Redistricting Commission,

The route 123 area is our community, our home. Please keep the district together so we have a voice for our community.

Thank you for your service on the historic first Virginia Redistricting Commission, and for your thoughtfulness and consideration during this difficult and complex process. I am writing today to ask that you keep the Virginia Route 123 Core Community together, at least as a

State Senate district. The communities along Route 123 in central Fairfax, including Fairfax City, the Town of Vienna and George Mason University, have social, historic and cultural ties that constitute a community of interest. They are the 123 Core Community.

The Virginia Code defines communities of interest as a neighborhood or any geographically defined group of people living in an area who share similar social, cultural, and economic interests. Under this definition, the Route 123 Core constitutes one community. Historically, Route 123 has crossed Fairfax County from south to north, connecting Route One to the Chain Bridge. Along that route, Route 123 in central Fairfax is a distinct community, which has survived for generations.

For example, Fairfax City and Vienna are historic towns within Fairfax County, whose existence predate the Civil War. They share a main road (Rte 123), border a key regional Highway (I-66), co-host a METRO station (Vienna), have local historic societies and downtown districts, and share a common identity as small jurisdictions just outside the Beltway. Additionally, Fairfax City runs an independent bus service that connects George Mason University and parts of Fairfax County south and east of the City to the Vienna METRO.

A key part of central Fairfax's identity comes from George Mason University, Virginia's largest public university, and its 33,000 students, not to mention all the professors and staff who live in the area. The University is located partly in Fairfax City and partly in Fairfax County.

The University's neighboring precincts in the County are all part of the University community. In Villa, Woodson, Robinson, Laurel, Bonnie Brae and Sideburn, the community is centered around the University. This is where professors live, and where students rent homes and apartments. These same precincts even share Fairfax postal addresses which end at the VRE railroad tracks, where Fairfax becomes Burke.

In conclusion, please keep the Route 123 Core Community together. The precincts are linked economically, socially and physically and should stay together in redistricting. Best wishes, and thank you for your service,

Tracy Compton
tracyannekelly@gmail.com
10511 Dillard Ct
Fairfax, Virginia, Virginia 22032

From: [Katie Friesen](#)
To: [Redistricting](#)
Subject: Fwd: Dear Commissioners
Date: Saturday, December 11, 2021 7:19:53 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Virginia Redistricting Commission,

Thank you for your service on the historic first Virginia Redistricting Commission, and for your thoughtfulness and consideration during this difficult and complex process. I am writing today to ask that you keep the Virginia Route 123 Core Community together, at least as a State Senate district. The communities along Route 123 in central Fairfax, including Fairfax City, the Town of Vienna and George Mason University, have social, historic and cultural ties that constitute a community of interest. They are the 123 Core Community.

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Historically, Route 123 has crossed Fairfax County from south to north, connecting Route One to the Chain Bridge. Along that route, Route 123 in central Fairfax is a distinct community, which has survived for generations.

For example, Fairfax City and Vienna are historic towns within Fairfax County, whose existence predate the Civil War. They share a main road (Rte 123), border a key regional Highway (I-66), co-host a METRO station (Vienna), have local historic societies and downtown districts, and share a common identity as small jurisdictions just outside the Beltway. Additionally, Fairfax City runs an independent bus service that connects George Mason University and parts of Fairfax County south and east of the City to the Vienna METRO.

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The University's neighboring precincts in the County are all part of the University community. In Villa, Woodson, Robinson, Laurel, Bonnie Brae and Sideburn, the community is centered around the University. This is where professors live, and where students rent homes and apartments. These same precincts even share Fairfax postal addresses which end at the VRE railroad tracks, where Fairfax becomes Burke.

In conclusion, please keep the Route 123 Core Community together. The precincts are linked economically, socially and physically and should stay together in redistricting.

Best wishes, and thank you for your service,

Homan Wai

homan.wai@gmail.com

9200 Claytonia Ln

Annandale, Virginia 22003

From: [Sara Breaux](#)
To: [Redistricting](#)
Subject: Keeping Kings Park West in Fairfax VA as a complete entity
Date: Saturday, December 11, 2021 10:26:22 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Hello

I am writing today out of concern for the new split of Kings Park West (KPW) along Commonwealth Blvd..

This neighborhood, while large, shares a good deal of common interests and should not be bifurcated in this way. Divisiveness already permeates society right now doesn't seem we need to/should in any way actually formalize it.

Please reconsider.

Thank you,
Sara Breaux
KPW Resident since 2005
5207 Pumphrey Drive
Fairfax, VA 22032

[Sent from the all new AOL app for iOS](#)

From: [j.jupiter](#)
To: [Redistricting](#)
Cc: [Francine Jupiter](#)
Subject: Assembly District 44
Date: Saturday, December 11, 2021 11:01:08 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

I would like to comment on the boundaries of the new Assembly District 44.

I believe the map makers missed some key communities of interest in drawing the new boundaries by not being familiar with the geography, school pyramid, and community cohesion in this area.

For example, the bulge in moving the northern Huntington area into the District while shifting the southern section into the western area misplaces key communities. The southern area takes away a distinct School pyramid section and introduces an odd mix of school pyramid into the 44th. Similarly the shift causes residents in the southern section, who are faced with geographic and transportation limits into a relatively inaccessible part of the District. The residents in the north can and do easily access the western area of that area while the residents of the southern portion have limited access to the western section due to a large park and limited through roads in that direction. This would mean that those residents would not readily visit the offices and primary jurisdiction of their assigned delegate.

I urge the Commission to relook at the movement of the respective precincts and realign the Northern and Southern bulges.

Thank you
Jay Jupiter

From: [Ann Saad](#)
To: [Redistricting](#)
Subject: Redistricting
Date: Saturday, December 11, 2021 2:02:34 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

I would like to share an opinion with you.

I feel strongly that redistricting panels should ALWAYS, now and in the future, include an equal number of members of both political parties. That way, no matter who wins elections, redistricting will be as fair as possible. This would allow VA to be a leader in fairness and set an example for other states to follow.

Sincerely,
Andrea Saad

annsaad2012@gmail.com

Moneta, VA 24121

From: [Mary Shearon](#)
To: [Redistricting](#)
Subject: December 2021 Redistricting Proposals for Fairfax County
Date: Saturday, December 11, 2021 3:35:56 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Dear Redistricting Special Masters -

I have read through the redistricting proposals for my area and am in disagreement with the plans.

*Shifting voters who live in Fairfax County along Mt. Vernon Memorial Highway into a new Congressional District with Fredericksburg and Manassas? Instead of the present 8th Congressional District? Doesn't make sense to me, having the district go all the way to Fredericksburg.

*And the proposal to divide up some of the people in the 22303/22306/22307/22308/22309/22315 ZIP Codes? Why? why split up people who live in the same areas? Seems like they would have the same concerns.

*And then we come to the proposal to split in half the Mt Vernon High School Pyramid and Mt. Vernon Supervisor District. This proposal would split neighbors from people across the street, again a problem for this resident.

*The renumbering/re-drawing of Virginia Senate District 34 to 36 and of Virginia House District 16 to 44 and their associated changes...again, this doesn't make complete sense to me, the splitting up of neighborhoods etc.

Thank you for your time.

Mary Shearon
7920 Fairfax Road
Alexandria, VA 22308

From: [Jim Call](#)
To: [Redistricting](#)
Cc: director@onevirginia2021.org
Subject: Comments re CD map
Date: Saturday, December 11, 2021 4:16:23 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Suggestions regarding Special Masters' Proposed Congressional District Map

James Call 12-11-21

I appreciate the work of special masters Dr. Grofman and Mr. Trende. The process outlined in their memo to the court makes good sense and I am very pleased that the court is allowing a full week for citizens to provide direct input on their proposals. I tried to build on the approach of the special masters. My suggestions focus on several changes to their map which would better preserve communities of interest (COI) in Districts 1-5, 7 and 10, make these districts more compact and make them more competitive, while still keeping three "majority minority" districts.

My changes would reduce the number of split counties to five. I used District Builder's census blockgroups in splitting Prince William and Chesapeake. The special masters would no doubt want to use precinct boundaries to achieve such a split, but these were not available to me. No changes to the masters' map are proposed in the two solidly Republican districts (6 and 9) or the two solidly Democratic districts (8 and 11), including in the way the masters have split Roanoke, Bedford and Fairfax counties.

Here is a summary of my proposed changes:

-Richmond area: Divide the metro area into two districts, rather than three by putting all of Henrico in District 1 and putting all of Richmond and Chesterfield in District 4.

-Charlottesville: Keep all of Albermarle and Charlottesville together in District 5. Louisa, Fluvanna and Goochland also fit nicely into District 5 and presumably have more in common there, than with District 1.

-Districts 7 & 10: Move northwestern Prince William into District 10 where residents have more in common with Loudoun and Fauquier. Place Spotsylvania, King George and Caroline in District 7 where there is a COI along I-95.

-Norfolk area: The way the masters drew District 2 creates a very spread-out district with a separate population west of the Great Dismal Swamp. My map puts Norfolk and a small adjoining area of northwest Chesapeake in District 2 with Virginia Beach, creating a more compact COI. Adding Suffolk, Isle of Wright, Franklin, Poquoson and the rest of Chesapeake to District 3 does not significantly dilute its majority minority character.

Attached is a link to my proposed map which was drawn with the District Builder app. I hope this can be considered as part of next week's public hearing and that it can be helpful to the court.

<https://app.districtbuilder.org/projects/255fd1b3-6e4b-469a-99cf-a566d5e39b9b>

From: [Kenneth Roberts](#)
To: [Redistricting](#)
Subject: Redistricting - Keep Mount Vernon Whole
Date: Saturday, December 11, 2021 4:22:21 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

The proposed map for CD8 cuts off our neighborhood from the rest of the 8th Congressional District and the proposed 34th Senate District. We are all one proud community in Mount Vernon. We have the same Supervisor and School Board member. You have split our high school district, middle school district and even our elementary school district right in half. This map does not respect our community or the historic nature it represents. The area along Dogue Creek belongs with everything to the North and Alexandria. We do not have the same issues as Clifton, Lorton, or Springfield - WE ARE MT. VERNON. Please keep the Fairfax County precinct 613 - Westgate in the 8th Congressional.

From: [Luke Wills](#)
To: [Redistricting](#)
Subject: Congressional Districts Map Proposal
Date: Saturday, December 11, 2021 4:56:14 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Hello,

My name is Luke Wills, and I am a current resident of Albemarle County. After reviewing the special masters' initial draft for Virginia's Congressional Districts, I was pleased to see that this new map respects communities of interest and fixes many of the issues with split counties present in our current districts, while maintaining relatively equal distributions of population and ensuring a high level of compactness. As a previous resident of Williamsburg, I was particularly pleased to see that Williamsburg and other north Hampton Roads counties have been grouped with the rest of Eastern Virginia in District 1. This makes sense based on communities of interest I have observed during my time living there.

As a resident of Albemarle County, however, I was disappointed to see my county split between Districts 5 and 10. Albemarle County and Charlottesville make up one continuous community of interest, and in day-to-day life are not split along I-64 as in this current proposal. I hope that the court and the special masters will consider what I feel is a just and equitable solution to this issue: moving the entirety of Albemarle County and Charlottesville to District 10, and moving Louisa, Fluvanna, and Goochland Counties into the 5th District, which includes much of Southside and Piedmont Virginia, areas they have much more in common with than the eastern counties they are currently grouped with in District 1. The portion of Spotsylvania County currently in District 10 could be transferred to District 1, aiding in compactness and population distribution. This change would also require some minor border adjustments in Henrico and Chesterfield Counties. The change would affect districts 1, 4, 5, and 10. I have included an example of what such a change might look like below:

<https://www.virginiaredistricting.org/legdistricting/comments/plan/521/1>

This change would allow the 10th District to contain all of Loudon, Fauquier, Rappahannock, Culpeper, Madison, Orange, Greene, and Albemarle Counties, as well as Charlottesville City, with no county splits and greater continuity for communities of interest. District 10 would remain the median district for the purposes of partisan analysis, coming in 2 points more Democratic than the state as a whole, rather than 2 points more Republican under the current plan. Other points of analysis would remain unchanged, except that District 5 would be expected to become 3 points more Republican.

I believe that this change would create a more compact, fair map that would respect my community of interest without upsetting the racial, political, or geographic balances the special masters have skillfully crafted under their current proposal. I hope they will consider this change.

Thank you, Luke Wills

From: [Hank Hart](#)
To: [Redistricting](#)
Date: Saturday, December 11, 2021 6:54:28 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

The proposed map for CD8 cuts off our neighborhood from the rest of the 8th Congressional District and the proposed 34th Senate District. We are all one community down here. We are part of Mt. Vernon. We have the same Supervisor and School Board member. You have split our high school district, middle school district and even our elementary school district right in half. This map does not respect our community. The area along Dogue Creek belongs with everything to the North. We have nothing to do with Clifton, Lorton, or Springfield - ARE ARE MT. VERNON. Please fix this. Gail Richmond

From: [hankwills](#)
To: [Redistricting](#)
Cc: scott@scottsuovell.org
Subject: Redistricting Maps
Date: Saturday, December 11, 2021 7:53:26 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

KEEP COMMUNITIES TOGETHER !

PROPOSED MAPS ARE TERRIBLE IN THE WAY THEY SPLIT SPLIT UP
NEIGHBORHOODS !

DO NOT DO THAT !

START OVER AND BE REASONABLE !

KEEP NEIGHBORS TOGETHER !

Henry B. Williams
Collard Street
Alexandria 22306

Sent from my Galaxy

From: [Miss Paula](#)
To: [Redistricting](#)
Subject: comments
Date: Saturday, December 11, 2021 9:04:17 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

I don't really understand how they came up with the redistricting plan. It makes no sense to split Mt. Vernon or associate it with Quantico, Manassas, and Fredericksburg! That is totally bizarre. We don't have the same issues or concerns that they do.

Paula Croisetiere
7912 Grimsley st.
22309

Muriel Pitney

From: CONTRARYMARY 1 <ContraryMary1@msn.com>
Sent: Friday, December 10, 2021 9:27 PM
To: Internet Scclerksoffice
Subject: Virginia Redistricting, specifically Isle of Wight Co.

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

To Whom It May Concern,

And I suspect it is of no real concern; except, of course, to the citizens who will be affected by yet another government farce.

I see the usual plan is to be enacted in Isle of Wight as well as many other counties. The plan of Divide and Conquer, while an old favorite of tyrants and those others who would care to gain control, should be outlawed in a land supposedly based on the God Given freedoms of man. Of course, the powers that be would never outlaw their devices, nor would they relinquish their control over the masses. Therefore, I'm sure I'm wasting my time in stating that the proper, just, and righteous endeavor for the Supreme Court of Virginia to undertake would be to scrap all Redistricting plans and set about to clean up the disaster that has stolen free and fair elections, true representative government, and implemented Communist rule while slowly stealing the rights of the people of Virginia.

Sincerely, Paula Buss

Get [Outlook for Android](#)

From: [Rainey Astin](#)
To: [Redistricting](#)
Subject: I am against the proposed redistrict plan
Date: Saturday, December 11, 2021 9:49:17 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

It needs more thought and consideration. Please take a pause and thoughtfully consider splitting school areas and neighborhoods in half in a haphazard fashion. This should never be the result of a plan.

Rainey Astin
2204 SHERWOOD Hall lane
Alexandria Va

Sent from my iPhone

From: [Barbara Mann](#)
To: [Redistricting](#)
Subject: understanding the Mt. Vernon Community
Date: Saturday, December 11, 2021 10:37:15 PM
Importance: High

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

This is the information I just received about the proposed redistricting:

[The proposed redistricting of] the district cuts off at Mt. Vernon Memorial Highway. Voters in 22308 will be grouped with voters on Rolling Road in Springfield instead of with their neighbors on Ferry Landing Road. The 8th Congressional District cuts off in approximately the same spot and puts George Washington's Mt. Vernon Estate in the same district as Quantico, Manassas, and Fredericksburg!

Voters in zip codes 22308 typically do not have any occasion to go to Rolling Road, much less vote with them. This is due to significant physical distance between the two areas. An extraordinary distance would be put to put the Mt. Vernon Estate in the same district as Quantico, Manassas and Fredericksburg.

Why is this being done? The Mt. Vernon area is diverse and its residents work tirelessly to connect on all levels. Voting is one great way we connect in our diverse community, no matter the party. To disassemble all the positive work we have seen over the 48 years we have lived in Mt. Vernon through redistricting, and thus put us further apart rather than closer, boggles our minds.

Please revisit the redistricting map for our area and make some small, but significantly needed adjustments.

Thank you,

Barbara and Lowry Mann

8716 Falkstone Lane

Alexandria, VA 22309

From: [Pamela Patrick](#)
To: [Redistricting](#)
Cc: scott@scottsuovell.org
Subject: Outrage on the redistricting!
Date: Sunday, December 12, 2021 8:24:12 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Having lived in the Wessynton community for over twenty years, we totally reject the redistricting of our neighborhood to be shunted south almost an hour away!

We live in the Little Hunting Creek watershed, shop here, attend schools here, seek medical care here, attend church here and find our friends among the people here. We drive these roads, walk these streets and are concerned with the taxes that maintain them. We have our mail delivered by the local post office, not Fredericksburg. Our vote should remain here, not fall on deaf ears 45 minutes away by interstate roads!! Perhaps we should consider voting in Maryland???

Pamela Patrick
8801 Anne Tucker Lane
22309

Sent from my iPad

From: [Mary Lib Morgan](#)
To: [Redistricting](#)
Subject: Redrawn maps
Date: Sunday, December 12, 2021 9:44:35 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Special Masters and associated personnel,

It is with deep disappointment that I express my opposition to the proposed maps for Virginia's congressional districts. To split areas of Henrico and Chesterfield sharing common interests, to add minority voices to the already solidly Democratic district including the city of Richmond, and to delete a district served by a current congresswoman who has done so with a high level of effectiveness are unconscionable. Each of these gestures is a direct reflection of a desire to silence voices of activists, women, and minorities who have led our area in making progress around obtaining greater equity in representation.

Please reconsider these maps. A healthy democracy demands that each citizen's voice is heard. These maps seem to have the opposite effect.

Mary Lib Morgan
VA 07
23233

From: [Cathy Breitenfeld](#)
To: [Redistricting](#)
Subject: Redistricting Mount Vernon
Date: Sunday, December 12, 2021 11:43:00 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Please do not split up the Mount Vernon Voting District. Leave it like it is now. The neighborhoods that attend Mount Vernon High School or Hayfield Secondary School should stay together with the other neighborhoods that attend that High School. Zipcode 22308 should stay intact. I like the Congressional District as it is now. Thank you very much for listening. Sincerely, Cathy Breitenfeld, 1113 Cameton Road, Alexandria, VA 22308

From: [Paul Thiel](#)
To: [Redistricting](#)
Subject: The 7th District ??
Date: Sunday, December 12, 2021 12:47:04 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

You couldn't be more biased in the new 7th,,

You are simply saying "boy we really screwed up the last time we supposedly did our job"

Credibility in the process is a waste of voters confidence in your decisions!

Politics pure and simple!!

Sent from my iPad

From: info@call2sisters.com
To: [Redistricting](#)
Subject: Homework
Date: Sunday, December 12, 2021 12:50:44 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Please go back and think again. The proposed redistributing splits up communities in ways that don't make any sense. Please do your due diligence and reconsider the plans. Splitting up school pyramids and splitting up Mt. Vernon—makes no sense from a representative standpoint.

You can do better.

Annabel Baer

Call 2 Sisters, LLC

Annabel J. Baer

(571) 969-0516

call2sisters.com

***Welcoming clients of all races, cultures,
identities, & orientations.***



From: [Scot Mann](#)
To: [Redistricting](#)
Subject: VA Court Ordered Redistricting Maps
Date: Sunday, December 12, 2021 2:56:39 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

To the honorable Virginia Supreme Court Judges/Justices,

I am writing to you after reviewing the proposed redistricting maps submitted to the court by your two appointed special masters. I am in utter shock at how transparent these maps are in favor of Democrat politicians and voters. Under the proposed maps, the Chesterfield County house of delegates and state senate seats are moving significantly to democrat advantages in the manner that south Richmond residents, Eastern Henrico, and Petersburg residents were carved up to dilute GOP and independent voter strength in the county. The districts will become significantly less competitive, not only in the house of delegates but also the state senate and especially the 4th congressional district for the US House. It seems Chesterfield was split between the 4th and 5th to provide incumbent protection. In addition to this, the proposed 7th congressional district is in fact a new district designed to deliver Democrats a safe seat.

Your honors, I implore you to review these areas of the state in all three of the special master submitted maps and carefully consider how best to address the lack of competition that is created by the special masters' partisan proposals. I honestly do not think the actual Democrat politicians in the house of delegates could have done a more efficient job than the special masters in submitting a clearly partisan array of maps, all to the advantage of the Democrat party.

And to finalize, I leave with you my final point for consideration. The maps were based on an Attorney General race from 2017, however, a much more recent election this year for the Attorney General race would have served the public interest by providing a much more competitive set of statistics that would be of benefit to all Virginia voters.

Please consider increasing the perceived competitiveness of the districts for house of delegates, state senate, and US House as what has been submitted to you is in fact a farce meant to grant electoral advantage to one party over the other.

Sincerely and with the utmost respect,
Scott Mitchell Mann

Sent from my iPhone

From: [Kate Offringa](#)
To: [Redistricting](#)
Subject: Please don't cut us off
Date: Sunday, December 12, 2021 3:08:33 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

We live in the Mount Vernon neighborhood along route 235.

The new proposed Congressional map carves us out of our community and puts us with faraway Fredericksburg. The new map cuts us off from our own high school just down the road.

Please don't split us off from our own community and put us in a district that isn't ours.

Kate and Tom Offringa
4101 Nellie Custis Court
Alexandria VA 22309

From: [Suzanne Dash](#)
To: [Redistricting](#)
Subject: Mt Vernon
Date: Sunday, December 12, 2021 3:22:45 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Please don't destroy the Mt Vernon district. Mt Vernon should not extend further West than a mile west of Richmond Hwy. The Mt Vernon estate needs to be part of Mt Vernon plus neighborhoods South. Don't destroy Mt Vernon by attaching it to Springfield. This is a terrible idea.

Suzanne Dash
1200 Gladstone Pl
Alexandria, VA 22308

From: [Jim Carmalt FMP](#)
To: [Redistricting](#)
Subject: Opposition
Date: Sunday, December 12, 2021 3:35:31 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Sirs/madams,

As a long time Fairfax County resident I am writing to voice my absolute opposition to ANY redistricting currently being considered in Fairfax County Virginia. If any further information is necessary I'll be happy to provide it.

Jimmy Carmalt
703-407-4163

From: [Howard Soroos](#)
To: [Redistricting](#)
Subject: Westgate precinct #613 in Fairfax County
Date: Sunday, December 12, 2021 3:22:54 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

We live in Westgate precinct #613 just west of Mt Vernon which is a part of the Mt Vernon magisterial district of Fairfax County and the Mt Vernon High School attendance area. The proposed maps for Virginia senate and house districts and congressional districts all separate us from the rest of the Mt Vernon magisterial district and put us into districts to the south from which we are effectively separated by Fort Belvoir.

Westgate precinct #613 needs to be in the same districts as the rest of the Mt Vernon magisterial district of which we are a part. In short, Westgate precinct should be made part of House district #16, Senate district #34, and Congressional district #8.

In general, the proposed maps do not reflect natural community boundaries and seem to needlessly divide magisterial districts and school attendance areas.

Howard Soroos

From: [Andrew Bennett](#)
To: [Redistricting](#)
Subject: Full support of redistricting
Date: Sunday, December 12, 2021 3:45:54 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

I fully support this redistricting. As my District Supervisor is planning on lying to and ignoring those he serves and wants to move a homeless shelter from a sparsely dense area (that will end up in another district after the redistricting) to a parcel of land in our residential neighborhood that was slated for a fire station only. If this redistricting helps in anyway to make our voices heard more, then please make this happen!

-Andrew

From: [JAMES MURRAY](#)
To: [Redistricting](#)
Subject: Mount Vernon Virginia
Date: Sunday, December 12, 2021 3:54:05 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Gentlemen:

Mount Vernon, Virginia, is a historical area that has always identified itself as part of River Farm along the Potomac River. This unites it with the areas north of the district outline you currently propose. Changes to one area affect the other. Your separation goes against long standing sense of unity within that area and needs reconsidered. We live in the River Farm area and regularly participate in events at Mount Vernon itself, and we own property along Richmond Highway such that those areas need a unified approach to traffic solutions, schools, shopping and more. It is illogical to separate those areas.

James and Sherry Murray

1203 Lyndale Drive

Alexandria, VA 22308

From: [Leslye](#)
To: [Redistricting](#)
Subject: Feedback
Date: Sunday, December 12, 2021 4:19:59 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

To Whom it May Concern,

I understand that you have myriad considerations as you redraw districts in VA to correct gerrymandering. I do not envy you, but even so I have concerns about what I fear is a plan with lasting negative effects in our neighborhood.

Please consider in your planning that the Mount Vernon area has a strong community with a long and rich history of shared print and online media, public transportation infrastructure, schools and churches. 22308 belongs in this community rather than the one shared by Rolling Road in Springfield, quite far away. The Mount Vernon High School Pyramid would be split under your current plan (my home is not in the MVHS pyramid but I am concerned nonetheless), and our Mount Vernon Supervisor district would be split in half. Fort Belvoir area would also be split in half, which makes no community sense at all.

The Mount Vernon, and more specifically Fort Hunt area, has a very active and thriving close-knit community. Please consider redrawing your districting to reflect the existence of our district as an existing community.

Thank you for your consideration,
Leslye Barrett
7822 Jackson Rd
Alexandria, VA 22308

Sent from my iPhone

From: [Jane Reese](#)
To: [Redistricting](#)
Cc: [Jane Reese](#)
Subject: Comments about redistricting - 34th Senate District
Date: Sunday, December 12, 2021 4:37:47 PM

EXTERNAL EMAIL

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Following are comments/criticism/suggestions for the new redistricted map.

- I-95 should be the western boundary. Everything East of I-95 in Fairfax County has much more in common than everything to the South of the Occoquan or West of I-95
- West Springfield and the communities East of I-95 are not communities of interest.
- Mt. Vernon High School pyramid is split in half
- Fort Belvoir is split in half
- The Greater Mount Vernon Community is not recognized or even mentioned.
- The Mount Vernon Estate & communities along Mt. Vernon Memorial Highway are drawn in with Woodbridge and Lorton instead of Mt. Vernon
- The exact same southern boundary is used for the 8th Congressional District because there seems to be no recognition of Mt. Vernon's existence as a distinct community

Thank you.

Jane and David Reese
824 Arcturus on the Potomac
Alexandria, VA 22308

From: [Erika Kronstedt](#)
To: [Redistricting](#); [Scott Surovell](#)
Subject: redistricting
Date: Sunday, December 12, 2021 4:57:17 PM

EXTERNAL EMAIL

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Hello,

I just saw the rezoning map for the House of Delegates. It's really strange to me that you would want to separate the current district, especially in 22309. I think that the district should consist of the following zip codes and their dwellings their entirety. Zip codes 22306, 22307, 22308 and 22309. I do not understand why you would want to move the Frye/Pole Rd district to the Hayfield district and the Mt. Vernon Hwy district to the Lorton community. All of these communities are separated by Ft. Belvoir, the Coast Guard and a marsh. The Telegraph Rd people do not know the headaches of the Rte 1 constituents.

Please redraw your districts in accordance with the communities in mind.

Erika Kronstedt, 22306

From: [Patsy Quick](#)
To: [Redistricting](#)
Subject: Dividing the Mt. Vernon community in the redistricting plan
Date: Sunday, December 12, 2021 5:05:13 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Dear Special Masters,

I am highly in favor of redrawing voting districts in Virginia in a fair and nonpartisan way. At this point, we the citizens have to trust the Special Masters to take on this task in a completely non-partisan way because this is what the citizens voted for. We expect no less.

However, I am disappointed that the Mt. Vernon Community is being divided in the new redistricting map proposals. I am also disappointed that there is no mention of Mt. Vernon in the description as if our community does not exist or matter. My street in the Mt. Vernon community will be grouped with voters from an area much farther from me and having different needs and concerns. I don't see how this fits with the "communities of interest" rules. I don't feel that my vote will enable me to elect a representative who will be looking out for my concerns. I don't understand how our community can be divided this way. We are one of the older communities in Fairfax County and deserve to be treated as a community of interest.

I can understand the difficulty in drawing a map that makes everyone happy, but separating my Mt. Vernon neighborhood from the rest of Mt. Vernon is a bad idea. Already, my mailing address does not represent the actual community of Mt. Vernon in Fairfax County where I live. Please don't separate my Neighborhood's voting districts and stick us with completely different communities just to be fillers! Keep us together following the "communities of interest" rule.

**I ask that you reconsider this aspect of both proposals.
Please don't divide the Mt. Vernon Community as you consider the
redistricting map proposals.**

Sincerely,
Patricia Quick
5508 Old Mill Rd.
Alexandria, VA 22309

From: [Mary Anne Mulligan](#)
To: [Redistricting](#)
Subject: Congressional map: 8th/11th district line splits Kingstowne precinct in Fairfax County
Date: Sunday, December 12, 2021 8:15:31 PM
Attachments: [Screen Shot 2021-12-12 at 10.35.20 AM.png](#)

EXTERNAL EMAIL

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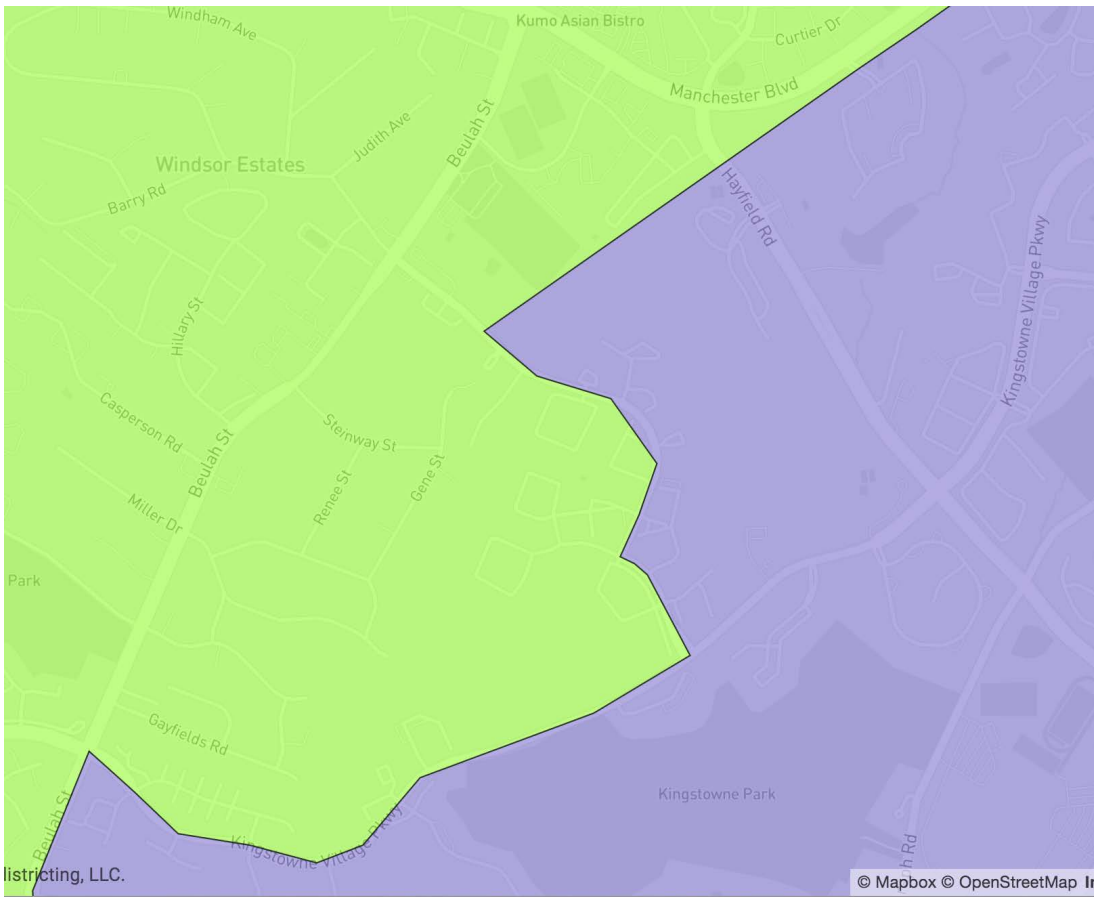
We very much appreciate all of the hard work put in by the Special Masters. We realize that nobody will be 100 percent happy, and we won't quibble at all about a few oddities that we have noted. And in the scheme of things, the matter we mention below may seem minor, too. But we bring it to your attention nonetheless. Please note that we don't live in the affected area; we live in the adjacent Villages precinct and just noticed this as we were reviewing the maps.

We were surprised to see a random division of the Kingstowne precinct (421) in Fairfax County. At present, Kingstowne precinct is entirely in the 8th congressional district. The new map shows it divided between the 8th and 11th congressional districts.

Kingstowne precinct remains entirely within the Lee magisterial district, entirely within the new 17th House of Delegates district, and entirely within the newly reconfigured 34th Senate district. The very large planned community called Kingstowne has several major roads that divide it. Kingstowne precinct is just one of several precincts within the larger Kingstowne community, but major roads, like Kingstowne Village Parkway, are the dividing lines.

In this screenshot, the 11th district is bright green; the 8th district is purple. The area between Beulah Street and Kingstowne Village Parkway, south of Manchester Boulevard, is Kingstowne precinct. The diagonal border at the top of this map cuts across a series of parking lots (perhaps following some high power lines?). The jagged line follows Park Village Drive and Kingstowne Commons Drive, community roads within Kingstowne, not major thoroughfares. It not only divides a community of interest, it divides an actual community.

If you extended the purple area west along Manchester Boulevard and south along Beulah Street, you'd keep it entirely in the 8th.



Thank you again for all of your hard work on redistricting.

Best,
Mary Anne Mulligan and Edward Joseph
703-587-7032

From: [Niro Rasanayagam](#)
To: [Redistricting](#)
Subject: Thank you, Special Masters!
Date: Sunday, December 12, 2021 8:27:04 PM

EXTERNAL EMAIL

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Dear Dr. Grofman and Mr. Trende, Special Masters for VA Redistricting,

A note of appreciation to THANK YOU both for heeding public input and drawing truly neutral maps for Virginia's districts.

Thank you also for keeping the City of Lynchburg whole as a single community of interest within one State House and Senate map, and one Congressional House district.

Your bipartisan and amicable work in drawing these fair maps gives me hope for our future. Many thanks for all your hard work and for listening!

Sincerely,

Niro Rasanayagam
Lynchburg, VA

From: [Milan Yager](#)
To: [Redistricting](#)
Subject: Oppose new districts
Date: Sunday, December 12, 2021 9:17:23 PM

EXTERNAL EMAIL

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I live in Mt. Vernon on the eastern side of Fairfax County and oppose the new district lines. Really, a district that puts Woodbridge and Mt. Vernon together? Stop gerrymandering. Keep the districts as similar as possible to existing lines, as geographically tight and as close to similar north/south and east/west axis.

Milan Yager
9110 Old Mt. Vernon Road
Alexandria, VA. 22309

From: [Mickey Fenyk-King](#)
To: [Redistricting](#)
Subject: State Redistricting
Date: Sunday, December 12, 2021 9:40:16 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

I live in Westgate precinct #613 which should be included in Congressional district #8 along with the rest of the Mt. Vernon magisterial district. The map puts us into Congressional district #7 from which we are totally separated by Fort Belvoir.

The current recommendations will have a substantial negative impact on our community for the next 10 years, by separating key areas from Mount Vernon District cores in Mount Vernon and in Lorton. While the Special Masters' memo references the communities of Springfield and Franconia, there is NO mention or recognition of the existence of the Mount Vernon Community anywhere in their explanatory memorandum and their maps. This matters because what they've done ignores our area as long-standing "communities of interest" sharing print media, public transport infrastructure, and institutions such as schools and churches and, I believe as a result, are proposing to shift voters:

- Living along Mount Vernon Memorial Highway into a new Congressional District centered on Fredericksburg and Manassas instead of the existing 8th Congressional District and the rest of Mt. Vernon; and
- Living in Mason Neck or East of I-95 into a Virginia Senate District with people in Lake Ridge, Woodbridge, and Crosspointe, instead of with everyone else who lives in 22303, 22306, 22307, 22308, 22309, and 22315.

Please do NOT continue with the ill advised recommendations for redistributing of those of us living on land that was part of the original Mount Vernon estate.

Cordially,
Mickey Fenyk-King
3802 Densmore Court
Alexandria, VA 22309-2913
Sent from my iPad

From: [Mateo Dunne](#)
To: [Redistricting](#)
Subject: District 34
Date: Sunday, December 12, 2021 11:40:01 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Hello,

I am writing to oppose the proposed redistricting changes to District 36 of the Virginia Senate.

In its current form, Senate District 36 represents a distinct community along the Route 1 corridor. Our community from Alexandria to Fort Belvoir has suffered neglect from state and local politicians for decades. The state and Fairfax County has invested hundreds of millions of dollars in Northern Virginia from Fairfax to McLean, but they have neglected the Route 1 corridor.

It is only recently through the persistent leadership of the state representatives representing the Route 1 corridor that our area has begun to attract the transportation and other investments by state and local authorities.

The proposed redistricting would dilute the representation of the Route 1 corridor by dividing it up into smaller pieces among a larger number of districts.

It is absolutely essential that the redistricting preserve the geographic integrity of the Route 1 corridor, so our distinct community and interests can be effectively represented.

V/r,
Mateo Dunne
8701 Camden St
Alexandria VA 22308
703-795-7895

From: [Megssalot](#)
To: [Redistricting](#)
Subject: Redistricting
Date: Monday, December 13, 2021 12:26:34 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

It looks like the Mount Vernon area is not directly mentioned as a long standing district and the needs of those who live in Mount Vernon are being considered.

Warmly,
Ms. Timmerman

[Sent from Yahoo Mail on Android](#)

From: [Ben Lesser](#)
To: [Redistricting](#)
Subject: Redistributing comment
Date: Monday, December 13, 2021 12:32:30 AM

EXTERNAL EMAIL

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To whom it may concern:

Please accept the redistricting plan developed by the special masters and do not attempt to second guess their efforts as advocated by partisan politicians such as Dan Storck.

Sincerely,

Ben Lesser
9014 Admiral Vernon Terrace
Alexandria VA 22309

bentale@hotmail.com

From: [Stephanie Shaefer](#)
To: [Redistricting](#)
Subject: Redistricting Proposals - don't make sense
Date: Monday, December 13, 2021 6:38:12 AM

EXTERNAL EMAIL

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Please note that I would like to have another committee look at the new redistricting proposals - they just don't make sense -

1. It seems that there is no consideration or mention of the existing Mount Vernon Community and keeping the 8th district in -tact including those living along Mount Vernon Memorial Highway - it is closer to Northern Virginia so why would it be place in Fredericksburg and Manassas which are about 1 hour drive away. I'd like to propose that the Mount Vernon Community not be split up - it affects schools, churches, etc.
2. Also why won't those living in Mason Neck and East of I-95 remain where they are in Fairfax County? Just looking at the new proposed map shows them with Fredericksburg and Manassas - it doesn't make sense. Please reconsider.

Thank you for your help.

Sincerely,
Stephanie L. Shaefer, Ph.D.

From: [Lauren Lundberg](#)
To: [Redistricting](#)
Subject: Changes to Mount Vernon Community Districts
Date: Monday, December 13, 2021 7:55:54 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Please do NOT implement the below changes proposed by the Special Masters as they do not reflect the reality of our community.

- Living along Mount Vernon Memorial Highway into a new Congressional District centered on Fredericksburg and Manassas instead of the existing 8th Congressional District and the rest of Mt. Vernon; and
- Living in Mason Neck or East of I-95 into a Virginia Senate District with people in Lake Ridge, Woodbridge, and Crosspointe, instead of with everyone else who lives in 22303, 22306, 22307, 22308, 22309, and 22315.

--

Regards,

Lauren Lundberg
(C) (218)-393-5260

From: [Lourdes Winberry](#)
To: [Redistricting](#)
Subject: redistricting
Date: Monday, December 13, 2021 8:17:49 AM

EXTERNAL EMAIL

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PLEASE do not split Mount Vernon into 2 districts. This is a long standing community and should remain in the 8 district

Please keep Belle View and new Alexandria in the 16 district

The plan to redistrict is racists, and cunning meant to favor Republicans.

Many voters did not understand the language they were voting for.

This plan is meant to divide communities and hence diabolical.

Maybe a lawsuit is in order if you cant be decent

ML Winberry

From: marangerw@verizon.net
To: [Redistricting](#)
Subject: Redistricting Issue
Date: Monday, December 13, 2021 9:24:10 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

This new redistricting is so corrupt. You are cutting out the Mt. Vernon area district.
I will no longer vote for any of these issues that cut us out of traditional representation.
This is not what our Republic stands for.

From: [Ashley VB](#)
To: [Redistricting](#)
Subject: Redistricting Feedback
Date: Monday, December 13, 2021 9:24:18 AM
Attachments: [IMG_4738.PNG](#)

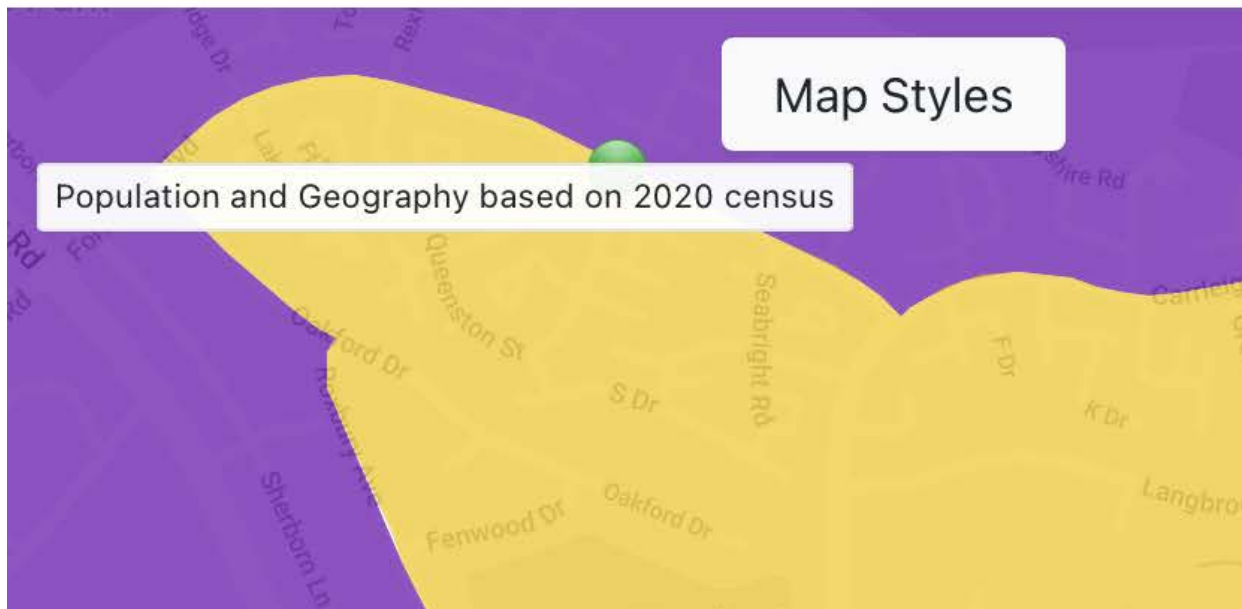
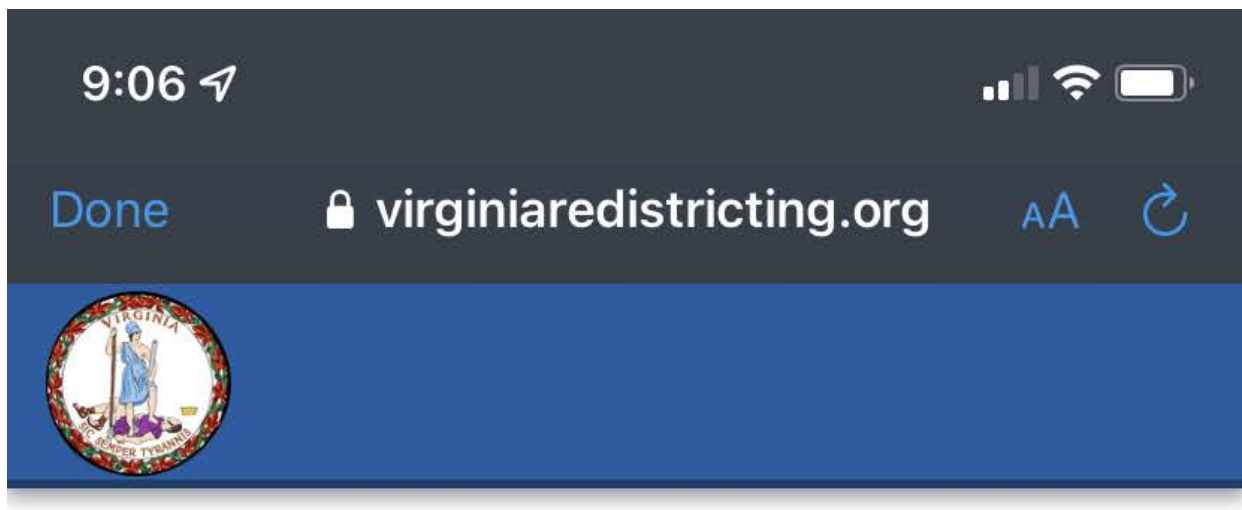
EXTERNAL EMAIL

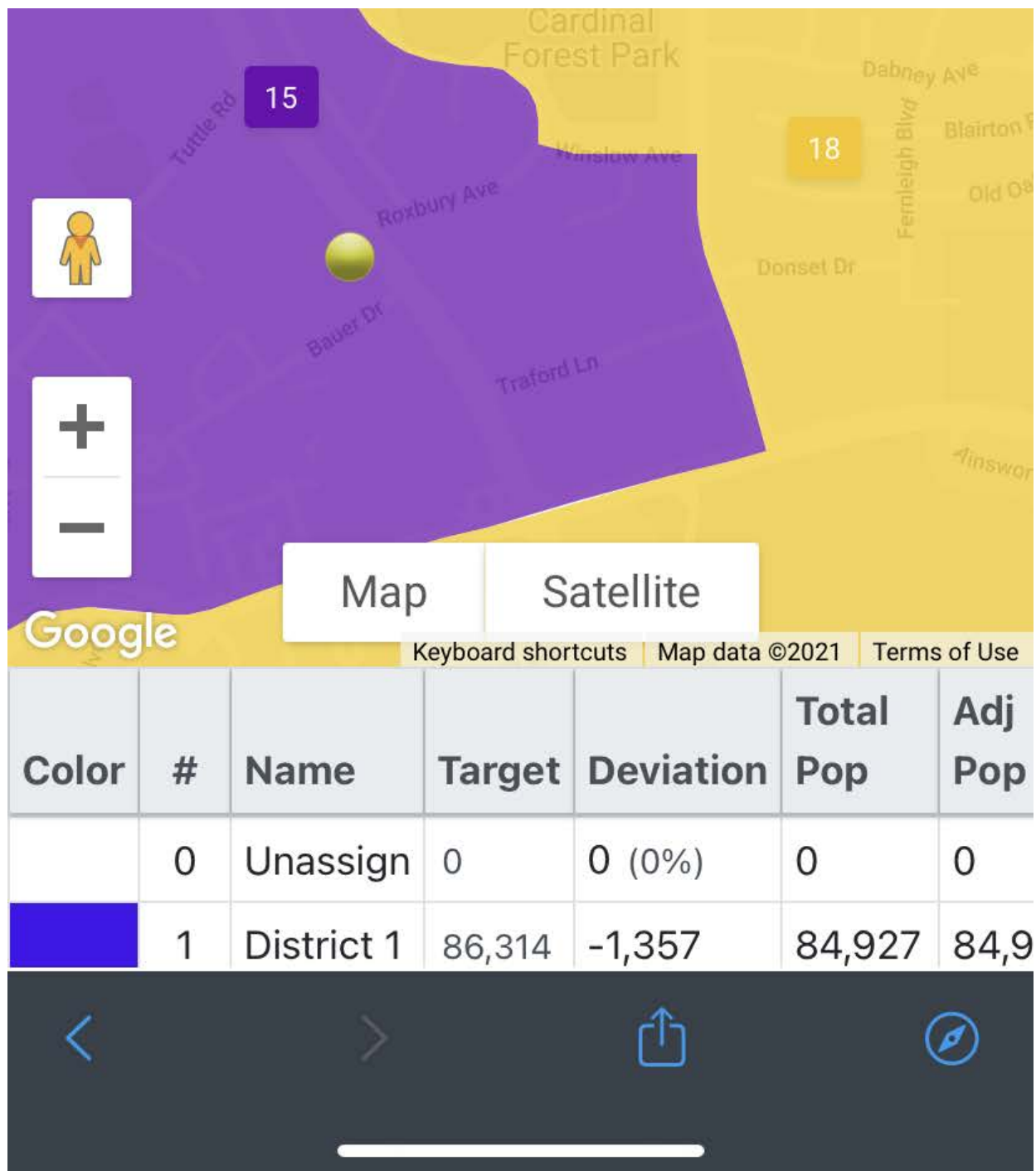
THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Hi,

I live at 8308 Winslow Ave in Springfield, VA 22152. Currently, the map cuts through our tiny, quiet street of 10 houses, splitting me from my neighbors across the street. This makes it hard to get a cohesive response when such a small neighborhood is cut in half. Fairfax County is looking are combining my side of Winslow (north) with my neighbors on the south for magistrate districts. I would like to propose that the commonwealth take the same borders or at least merge the neighborhood into one or the other. Again, it is such a weird way to split a quiet, small street, and it makes it more difficult for a neighborhood to be represented when split between two. I attached a photo. Thanks for considering!

Ashley





Sent from my iPhone

From: [Camela Speer](#)
To: [Redistricting](#)
Subject: Don't split the Mount Vernon District
Date: Monday, December 13, 2021 10:01:30 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Hello Redistricting,

Current maps show the Mount Vernon Magisterial District being split in two ways that would be harmful to our close community. I, personally, live in Lorton and have far more in common with the Fairfax County community than the Prince William one I am proposed to be moved into. I also serve the Mount Vernon District through the Supervisor's office and splitting the long standing community in half would be detrimental.

While the Special Masters' memo references the communities of Springfield and Franconia, **there is NO mention or recognition of the existence of the Mount Vernon Community** anywhere in their explanatory memorandum and their maps. This matters because what they've done ignores our areas as long-standing "communities of interest" sharing print media, public transport infrastructure, and institutions such as schools and churches and, I believe as a result, are proposing to shift voters:

<!--[if !supportLists]-->• <!--[endif]-->Living along Mount Vernon Memorial Highway into a new Congressional District centered on Fredericksburg and Manassas instead of the existing 8th Congressional District and the rest of Mt. Vernon; and

<!--[if !supportLists]-->• <!--[endif]-->Living in Mason Neck or East of I-95 into a Virginia Senate District with people in Lake Ridge, Woodbridge, and Crosspointe, instead of with everyone else who lives in 22303, 22306, 22307, 22308, 22309, and 22315.

Both proposals basically split the Mount Vernon High School Pyramid and Mount Vernon Supervisor District in half. They've also drawn the renumbered 34th Senate District (formerly 36th) from Mount Vernon and Lee Districts over I-95 and into Springfield by Rolling Road. They've also redrawn a renumbered 16th House of Delegates District (formerly 44th) into Wilton Woods and Burgundy Farm instead of including the Mount Vernon Estate and the neighborhoods along Mount Vernon Highway. On the positive side, Belle View/New Alexandria has been included in the 16th House of Delegates District.

Please do not do this.

Camela Speer
9211 Ox Road
Lorton, VA 22079

From: [Deborah Matthews](#)
To: [Redistricting](#)
Subject: Public comment - redistricting
Date: Monday, December 13, 2021 10:07:48 AM

EXTERNAL EMAIL

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When I moved to Virginia more than three decades ago, it was to the Mount Vernon area of Fairfax County. A place where I have raised a child, attended church, and given of my time, treasure, and talent to make this community better for all who reside on land that was once George Washington's. This is a unique place bordered by Richmond Highway on the west, the Beltway to the north, the Potomac River to the east, and Mount Vernon, our namesake, and Fort Belvoir to the south. This community is reinforced by our magisterial district, Supervisor and School Board member, and Senator and Delegate with similar boundaries.

The line proposed by the Special Masters for our 8th Congressional District and Senate District 34 cuts out our namesake, divides the boundaries for Mount Vernon High School in half, and splits Fort Belvoir in two - abandoning our community of natural interest.

We and our Lee District neighbors on the west side of Richmond Highway have worked together to use existing community structures to strengthen and support our natural community of interest. This is best highlighted and supported by the years of work that VDOT and Fairfax County have expended on the US 1 Bus Rapid Transit project that builds on our north/south community of interest. One need only look at the 2015 final report ([link to it here](#)). More appropriate would be using I-95 as the western boundary.

I acknowledge that a western boundary of I-95 creates a district that covers a significant area. However, Fort Belvoir has a lot of open land and the Mason Neck area is zoned for very low density. The result of using I-95 as our western border is a district that has approximately the same population as Springfield, even though Springfield is geographically much smaller.

The Special Masters propose to take our natural north/south community of interest, hack it in half, and convert it from north/south to east/west. Springfield is not part of our community. Including it makes a mockery of a natural community.

Thank you for your consideration.

--

Deborah G. Matthews

7904 Candlewood Drive
Alexandria, Virginia 22306
debomatt@gmail.com

From: [Marie McCain](#)
To: [Redistricting](#)
Subject: Opposition to plans which divide the Mount Vernon Community
Date: Monday, December 13, 2021 10:03:27 AM

EXTERNAL EMAIL

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To Whom it May Concern:

I am a resident in the Mount Zephyr Subdivision, within the Mount Vernon District, for 17 years. I am member of the Mount Zephyr Citizens Association, my husband has served as Treasurer. I am past President (2020) of the Whitman Middle School PTSA and actively engaged in the MVHS PTSA. Both my husband and I serve as adult volunteers in local BSA and Girl Scout Troops. Our children play or have played in Gunston soccer, Woodlawn Baseball and Fort Hunt Baseball/basketball. We use the Sherwood Hall library. Neighbors send their children to St. Louis Catholic school. Our lives take place in the Mount Vernon/Ft Hunt/Ft Belvoir area as is common with most of our neighbors. I understand that the current redistricting proposal would not affect boundary changes but would affect our School Board representative and Supervisor. The Mount Vernon Pyramid is one of FCPS most needed areas and our needs are specific. We would suffer further disruption to our schools should our school board member and Supervisor be split between our high school and elementary schools.

I am not sure how Mount Vernon was not considered as a community of interest when considering redistricting for the next 10 years. I cannot imagine how dividing my neighbors who use the same libraries, schools, shopping, RT 1 Hwy as I do would serve them. Fredericksburg and Manassas share no overlapping parks, school, shopping or transportation issues with Mount Vernon. I do not support any proposals which splits the Mount Vernon HS Pyramid or the Mount Vernon Supervisor's District in half.

Please reconsider these plans and listen to the comments from the people living in this district.

Sincerely,
Marie Zito-McCain

Sent from [Mail](#) for Windows

From: [Wyatt Durrette](#)
To: [Redistricting](#)
Subject: Pairing Incumbents
Date: Monday, December 13, 2021 11:09:12 AM
Attachments: [image001.png](#)
[image002.png](#)

EXTERNAL EMAIL

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With the current districts being gerrymandered as they are--House, Senate and Congress--and you ignore incumbents and apply neutral principles, including the requirement of rough partisan parity with the past election, it is logical and almost inevitable that a host of incumbents will be paired and/or be removed from their districts. The problem isn't the drawing of the current map, it is the effect of the prior gerrymandered maps and absent major demographic changes over the next decade is unlikely to be repeated, if neutral principles continue to be applied 10 years from now. Please do not be influenced by the expected effect of past gerrymandering on these new districts. It is worth repeating that no district is _____'s district (fill in an incumbent's name). They merely serve in office temporarily. Every district belongs to the people who reside in it. This shake-up was entirely expected, and the Special Masters were right to ignore incumbents. There may indeed be good reason to shift some boundaries but effects on current office holders is not one of them.

Wyatt

Wyatt B. Durrette, Jr.
Attorney



wdurrette@dagglaw.com | www.dagglaw.com
Direct: 804-775-6809 | Mobile: 804-690-4430 | Fax: 804-775-6911
Bank of America Center | 1111 E. Main Street, 16th Floor | Richmond, VA 23219

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and it cannot be used by the recipient or any other taxpayer for the purpose of avoiding Federal tax penalties, and was not written to support the promotion or marketing of any transaction or matter discussed herein.

From: [Elaine Kolish](#)
To: [Redistricting](#)
Subject: Comments on Proposed District 34 (former 36th Senate District)
Date: Monday, December 13, 2021 11:21:43 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

To: The Honorable Members of the Supreme Court

We are writing to express our extreme dismay over the proposed boundaries of Proposed District 34 and to ask you to revise them.

We have lived in the Mount Vernon area (in the Waynewood subdivision), on land formerly owned by George Washington, for about 40 years. We love our community and are very active in its civic life, the schools and area non-profits that serve the community. The area and neighborhoods surrounding Mt. Vernon estate have been recognized as the community of Mt. Vernon for 200 some years. Your proposed map inexplicably splits our community in half, and excludes the Mason Neck area which has long been recognized as part of our community. We have one citizen's council that ably represents our community, two high schools, one school board member and one supervisor. Our community has been diverse voices and groups but we are all linked by long association, including our schools, our two school pyramids and our representatives. Your proposed map would split the Mount Vernon school pyramid in half and split Fort Belvoir in half. These divisions do not make sense and would injure the long established relationships that make the Greater Mount Vernon community a distinct and vibrant community.

Linking us with West Springfield, on the other side of I-95, does not make sense. Describing our Mount Vernon community as a "Springfield and Franconia District" does a grave disservice to the residents of the greater Mount Vernon area. We recommend that I-95 be the western boundary of our district. The neighborhoods east of I-95 have far more in common currently and historically than with the neighborhoods south of Occoquan and west of I-95.

We urge you to reconsider your boundaries. It is important to the greater Mount Vernon neighborhoods and community that we continue to be recognized as an important and distinct district and not one that is lost by being folded into Woodbridge, Lorton and West Springfield.

Thank you for your consideration.

Respectfully,

Elaine Kolish and David FitzGerald

920 Emerald Drive
Alexandria, VA 22308
C 571-282-1263
H 703-360-7319

From: [Parrishco](#)
To: [Redistricting](#)
Subject: proposed boundary changes
Date: Monday, December 13, 2021 12:01:18 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

To: The Honorable Members of the Supreme Court

We are writing to express our extreme dismay over the proposed boundaries of Proposed District 34 and to ask you to revise them.

We have lived in the Mount Vernon area (in the Stratford Landing subdivision), on land formerly owned by George Washington, for more than 40 years. We love our community and are very active in its civic life, the schools and area non-profits that serve the community. The area and neighborhoods surrounding Mt. Vernon estate have been recognized as the community of Mt. Vernon for 200 some years. Your proposed map inexplicably splits our community in half, and excludes the Mason Neck area which has long been recognized as part of our community. We have one citizen's council that ably represents our community, two high schools, one school board member and one supervisor. Our community has been diverse voices and groups but we are all linked by long association, including our schools, our two school pyramids and our representatives. Your proposed map would split the Mount Vernon school pyramid in half and split Fort Belvoir in half. These divisions do not make sense and would injure the long established relationships that make the Greater Mount Vernon community a distinct and vibrant community.

Linking us with West Springfield, on the other side of I-95, does not make sense. Describing our Mount Vernon community as a "Springfield and Franconia District" does a grave disservice to the residents of the greater Mount Vernon area. We recommend that I-95 be the western boundary of our district. The neighborhoods east of I-95 have far more in common currently and historically than with the neighborhoods south of Occoquan and west of I-95.

We urge you to reconsider your boundaries. It is important to the greater Mount Vernon neighborhoods and community that we continue to be recognized as an important and distinct district and not one that is lost by being folded into Woodbridge, Lorton and West Springfield.

Thank you for your consideration.

Respectfully,
Suzanne and Charles Parrish

From: gbooth123@aol.com
To: [Redistricting](#)
Subject: Comments on redistricting
Date: Monday, December 13, 2021 12:58:16 PM

EXTERNAL EMAIL

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TO: The Virginia Supreme Court

SUBJ: Communities of Interest, Redistricting

In redrawing legislative districts, I urge you to strictly adhere to the principle of

maintaining communities of interest in the state as required by Virginia law, especially in the Mount Vernon area of Fairfax County where I have lived for 50 years.

The Special Masters' memorandum and maps totally fail to recognize the longstanding existence of the Mount Vernon community and seem to create arbitrary lines that do not represent communities of interest.

Mount Vernon and Lee magisterial district are clearly-defined, Fairfax County districts which share print media, infrastructure and well-established institutions such as commercial districts, schools and churches.

Both proposals basically split the Mount Vernon magisterial district and the Mount Vernon High School pyramid in half. A district with a clear community of interest would not abruptly stop in the middle of Mount Vernon magisterial district nor split Fort Belvoir in half. The entire Fort Belvoir installation is an integral part of the Mount Vernon community, not just half of it. Stretching the 34th (formerly 36th) Senate district across I-95 into Springfield by Rolling Road is clearly not a community

of interest.

The U.S. 1 corridor is clearly a community of interest around which many institutions, much public infrastructure is built. Major transportation projects are underway along the Fairfax County portion of the U.S. 1 corridor, including new bus rapid transit stations. Mount Vernon is the anchor of the community of interest.

These maps also effectively split the Hayfield Secondary School District in half. Parents in that and the Mount Vernon pyramid areas would not be voting with parents of other students in the same schools under your proposals. All of the parents of a school would most likely have common interests.

Senate district 34 boundaries should respect natural, historic communities of interest and extend at least to the Occoquan River and keep Mason Neck in the district, as it is a longstanding part of the current Mount Vernon magisterial district, geographically, culturally and otherwise.

For Congressional district 8, the special masters split Kingstowne between two different congressional districts. Kingstowne is the largest homeowners' association in the area and should not be divided. It is a clear community of interest.

The boundaries of these districts should treat eastern Fairfax County as one compact community of interest in the state and federal districts you are mapping.

Thank you for considering my views.

Glenda Booth

7708 Tauxemont Road

Alexandria, VA 22308

From: [Carla Heath](#)
To: [Redistricting](#)
Subject: Thanks for a job well done!
Date: Monday, December 13, 2021 1:42:02 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Special Masters,

Thank you for respecting and keeping in mind the opinions and interests of the citizens of the Commonwealth: for reviewing and heeding the dozens of emails, letters, and comments at redistricting commission meetings and hearings; for sharing your map drawing process and rationale behind it in a most useful and interesting memo; for posting maps and scheduling two public hearings for public input, and for restoring the City of Lynchburg to single state senate and house districts.

Respectfully,

Carla Heath
Lynchburg

From: [Beth Hedquist](#)
To: [Redistricting](#)
Subject: Redrawn maps
Date: Monday, December 13, 2021 2:09:52 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Special Masters and associated personnel,

It is with deep disappointment and much concern that I express my opposition to the proposed maps for Virginia's congressional districts. To split areas of Henrico and Chesterfield sharing common interests, to add minority voices to the already solidly Democratic district including the city of Richmond, and to delete a district served by a current congresswoman who has consistency led with a high level of effectiveness are unconscionable. Each of these gestures is a direct reflection of a desire to silence voices of activists, women, and minorities who have led our area in making progress around obtaining greater equity in representation. This is not a move that will strengthen Democracy, trust in government, or resolve the painful partisan divide that has been encouraged by those who would use that to maintain power.

Please reconsider these maps. A healthy democracy demands that each citizen's voice is heard. These maps seem to have the opposite effect.

Sincerely,
Beth Hedquist
4671 C Four Seasons Ter.
Glen Allen, VA. 23060

December 10, 2021

Muriel-Theresa Pitney
Clerk of Court
Supreme Court of Virginia
100 North Ninth Street, 5th Floor
Richmond, Virginia 23219-1315

Dear Madame Clerk:

My name is Tom Davis. Formerly, I represented Virginia's Eleventh Congressional District in the United States Congress for fourteen years, but today I write as an interested citizen to comment on the congressional map proposed by the Court's special masters on December 8, 2021. I applaud the effort of the Special Masters and this Court for conducting a process that is vastly improved over those of our neighboring states. The Special Masters generally did a good job with the information they had available and given the constraints and timeline under which they were operating. With that said, I would like to offer a few suggestions that I think will improve the map, particularly with regard to the traditional redistricting metric of compactness and overriding one person one vote concerns.

My first proposed change is to the northeastern boundary of the Ninth Congressional District. Congressman Morgan Griffith, a resident of Salem, Virginia, has ably represented this district for more than a decade in Congress, and yet the special masters' proposal places the City of Salem in the adjacent Sixth Congressional District. This writes Rep. Griffith out of his own district and moves him to a district with incumbent Congressman Ben Cline, creating an unnecessary primary election between the two when a slight adjustment would allow both to continue representing their current districts. I propose returning the City of Salem to the Ninth Congressional District where it currently resides, and offsetting the resulting change in population by shifting the portions of Roanoke County south and east of the City of Roanoke into the Sixth District.

My other suggested changes all involve the four Northern Virginia districts: the Seventh, Eighth, Tenth, and Eleventh. The special masters' proposal creates districts in this region that are not terribly compact; the Tenth District, which extends all the way from Leesburg to Charlottesville, is particularly unwieldy, but the Seventh District is also more dispersed than it needs to be due to a misguided attempt to follow county lines rather than communities of interest that reside below the county level. For example, I continue to firmly believe that Interstate 66 or Highway 50 form a more natural boundary between two districts than do the boundaries of Fairfax County. Therefore, I propose the following changes, all of which are depicted on the sample map I have submitted with this letter:

1. The borders of the Eighth District should be slightly adjusted so that it does not extend west of the Beltway, and so that it encompasses the area around Mount Vernon.

2. The Eleventh District should be shifted south. I understand that the special masters were trying to keep this district contained within the borders of Fairfax County, but the county itself does not really constitute a single cohesive community of interest. It makes more sense to combine the dense and diverse communities in Manassas, Manassas Park, and the I-95 corridor with the southern portion of Fairfax County (basically, everything south of Highway 50 and west of the Beltway) than it does to combine them with the more exurban parts of the county along Highways 7 and 267.
3. The Tenth District should constitute all of Loudoun County and the parts of Fairfax that are west of the Beltway and north of Highway 50. Suburban Loudoun County has more in common with the adjacent parts of Fairfax than it does with the rural counties that the special masters have placed within the district in their proposal. These changes make the Tenth District substantially more compact, moving from a 0.38 on the Reock scale and 0.25 on Polsby-Popper to 0.44 and 0.39, respectively.
4. The Seventh District should encompass everything outside of Loudoun County that the special masters currently include in the Tenth, including Stafford County, the City of Fredericksburg, and the less dense parts of Prince William County west of the I-95 corridor. This creates a district that is substantially more compact than the special masters' Tenth District and follows more natural boundaries on the basis of community density. This also improves the Seventh District's compactness scores, from 0.34 to 0.57 on Reock and 0.25 to 0.4 on Polsby-Popper.

The four changes to the Northern Virginia districts that I have proposed above result in a dramatically more compact map, moving from a statewide score of 0.384 on the Reock scale and 0.291 on Polsby-Popper to 0.411 and 0.321, respectively. My changes also better reflect the underlying communities of interest in this part of the Commonwealth that I know and love. I hope that you will consider making these changes to create a better overall map.

Finally, the map and files I have attached here use the Commonwealth's adjusted population, and ensure that there is no more than a deviation of one person between the Congressional districts. I have serious concerns that the tentative map's proposed Congressional deviations would violate the U.S. Supreme Court's command that Congressional Districts be nearly as equal in population "as practicable."

Please do not hesitate to contact me if you require any additional information, and I look forward to presenting my proposal during the Court's public hearing next week.

Sincerely,

From: [Lynn and Ted Thompson](#)
To: [Redistricting](#)
Subject: Comments on Virginia Redistricting maps
Date: Monday, December 13, 2021 3:33:35 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

From: Thomas E. (Ted) Thompson and Lynn C. Thompson: 9334 Brambly Lane, Alexandria, 22309

To: Chief Justice of the Virginia Supreme Court and Member Justices

Special Masters

Others who may be recipients on this email site

We offer the following comments on the redistricting maps presented for consideration by the Special Masters.

1. While the Special Masters' memo specifically references the communities of Springfield and Franconia which are rather sprawling large communities, there is absolutely **NO** mention **or even recognition** of the existence of the compact and closely knit Mount Vernon Community anywhere. The Special Masters completely ignore our areas as long-standing "communities of interest" sharing print media, public transport infrastructure, and institutions such as schools and churches and, as an apparent result, are proposing to shift voters by:
 - Shifting those voters Living along Mount Vernon Memorial Highway into a new Congressional District centered on Fredericksburg and Manassas instead of the existing 8th Congressional District and the rest of Mt. Vernon; and
 - Shifting those voters living in Mason Neck or East of I-95 into a Virginia Senate District with people in Lake Ridge, Woodbridge, and Crosspointe, instead of with everyone else who lives in 22303, 22306, 22307, 22308, 22309, and 22315.
2. They have also redrawn a renumbered 16th House of Delegates District (formerly 44th) into Wilton Woods and Burgundy Farm instead of including the Mount Vernon Estate and the neighborhoods along Mount Vernon Highway
3. Moving George Washington's Mount Vernon Estate and the Mount Vernon Civic Association from Senate District #34 and putting it in Senate District #33 with Woodbridge and Manassas violates five redistricting requirements: we are split from our contiguous community, does not respect our natural boundaries, denies our participation with our larger community of interest in District #34, removes us from an existing compact district and fails the equity test - many minority students from #34 are taught in our community where we have historically provided Food for Thought packets for those students in greatest need and we raise funds for our community food banks among our Association Members to support the families in need along the Rt 1 corridor.
4. Moving George Washington's Mount Vernon Estate and the Mount Vernon Civic Association from Delegate District #16 and putting it in Delegate District #19 with Lorton, Gunston, and Woodbridge violates five redistricting requirements: we are split from our contiguous community, does not respect our natural boundaries, denies our participation with our larger community of interest in District #16, removes us from an existing compact district and fails the equity test - many minority students from #16 are taught in our community where we have historically provided Food for Thought packets for those students in greatest

need and we raise funds for our community food banks among our Association Members to support the families in need along the Rt 1 corridor.

5. Moving George Washington's Mount Vernon Estate and the Mount Vernon Civic Association from Congressional District #8 and putting it in Congressional District #7 with Prince William and Stafford Counties violates five redistricting requirements: we are split from our contiguous community, does not respect our natural boundaries, denies our participation with our larger community of interest in District #8, removes us from an existing compact district and fails the equity test - many minority students from #8 are taught in our community where we have historically provided Food for Thought packets for those students in greatest need and we raise funds for our community food banks among our Association Members to support the families in need along the Rt 1 corridor.
6. The proposed redistricting for our Congressional, Virginia Senate and Delegate Districts has unreasonably removed the Mount Vernon Estate and surrounding neighbors from the Mount Vernon District and requires that we be combined with Prince William and Stafford Counties and the towns of Woodbridge, Manassas, Lorton and Gunston. By not recognizing the Mount Vernon neighborhood we are unreasonably and split.
7. While Lynn and I recognize the necessity of redrawing the various districts to rid Virginia of Gerrymandering, these maps totally remove us from the Mt Vernon neighborhood area splitting and are unfair and uncalled for by the guidelines.
8. As a result, we are split from our contiguous community. The redistricting does not respect our natural boundaries, denies our participation with our larger community of interest.
9. We support the comments made by Mr. Thomas Russel and our District Supervisor Mr. Dan Stork.

Respectfully Submitted:

Ted and Lynn Thompson

From: [Connie Graham](#)
To: [Redistricting](#)
Cc: tw-russell@att.net; poulh@erols.com
Subject: Mount Vernon Community
Date: Monday, December 13, 2021 3:34:09 PM

EXTERNAL EMAIL

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To Whomever it May Concern;

Thank you so much for your work on this very important project; it is much appreciated.

However, I would like to direct your attention to the Mount Vernon area. My husband and I have lived for seven years in the Riverwood HOA, adjacent to the Mount Vernon Estate. Our neighbors are either retired, or work in government-affiliated jobs within the Military District of Washington, for the most part. Most of our areas of interest (shopping, etc) lie to the North. Politically and culturally, we are more similar to those in the 8th District. Request your consideration to place the Mount Vernon areas omitted from the initial proposal within the 8th District, it makes much more sense than the proposed configuration. I also concur with a comment proposing that the 8th district boundary extend to the Occoquan River, which would better align the Ft Belvoir Community northward, as well. Thank you for your consideration in this matter.

Sincerely,

Lt. Col. Constance Graham, USAF, Ret
3716 Carriage House Court
Alexandria, VA 22309

From: [Janet Cole](#)
To: [Redistricting](#)
Subject: Redistricting
Date: Monday, December 13, 2021 3:51:00 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

I have studied the proposed changes and feel they will be damaging to the Mt Vernon community including Hallowing Point and Mason Neck.

Please revise.

Janet Cole
Hallowing Point
Dec.13, 2021

Sent from my iPhone

From: [Paula Lettice](#)
To: [Redistricting](#)
Subject: Virginia Redistricting Proposal
Date: Monday, December 13, 2021 3:57:36 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Dear Special Masters,

First, I am highly in favor of redrawing voting districts in Virginia in a fair and nonpartisan way. At this point, the citizens of Virginia have to trust the Special Masters to take on this task in a completely non-partisan way because this is what the citizens voted for. **We expect no less.**

However, I am extremely disappointed that the Mount Vernon Community is being further divided in the new redistricting map proposals. *Mount Vernon is a special community running from the city of Alexandria down and around George Washington's Mount Vernon -- the five farms that were originally part of that estate have an incredible history that should not be destroyed.* I am also disappointed that there is no mention of Mount Vernon in the description as if our community does not exist or matter.

My street, Nomini Lane, in the Mount Vernon community will be grouped with voters from an area much farther from me and have different needs and concerns - e.g., we dine in Old Town Alexandria almost exclusively -- and feel that Alexandria, the City and the portion of Fairfax County, are bonded. I don't see how this fits with the "communities of interest" rules. I don't feel that my vote will enable me to elect a representative who will be looking out for my concerns. I don't understand how our community can be divided this way. We are one of the oldest communities in Fairfax County and deserve to be treated as a community of interest.

I can understand the difficulty in drawing a map that makes everyone happy, but separating my Mt. Vernon neighborhood from the rest of Mt. Vernon is a bad idea. Already, my mailing address does not represent the actual community of Mt. Vernon in Fairfax County where I live. Please don't separate my Neighborhood's voting districts and stick us with completely different communities just to be fillers! Keep us together following the "communities of interest" rule.

I ask that you reconsider this aspect of both proposals.

Please don't divide the Mount Vernon Community as you consider the redistricting map proposals.

Sincerely,

Paula G. Lettice

9016 Nomini Lane

Alexandria, VA 22309

From: [Barbara Rufe](#)
To: [Redistricting](#)
Subject: Redistricting comment
Date: Monday, December 13, 2021 4:51:38 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Several years ago, we, the residents of the Mt. Vernon area, wanted to differentiate our geographical area from the City of Alexandria with which we are in many cases identified. Mt. Vernon, VA was thought to be the proper identity. That never happened.

Now we are being broken up and absorbed by other geographical areas.

Is there a way we can go back to the drawing board and define our boundaries and declare ourselves THE MOUNT VERNON, VA community?

That's what I want to see.

Barbara Rufe

Sent from my iPad

From: [Elizabeth Promen](#)
To: [Redistricting](#)
Subject: Comments on Proposed District 34 (former 36th Senate District)
Date: Monday, December 13, 2021 5:43:55 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Date: December 13, 2021 at 11:21:35 AM EST

To: redistricting@vacourts.gov

To: The Honorable Members of the Supreme Court

We are writing to express our extreme dismay over the proposed boundaries of Proposed District 34 and to ask you to revise them.

We have lived in the Mount Vernon area (in the Stratford Landing subdivision), on land formerly owned by George Washington, for about 40 years. We love our community and are very active in its civic life, the schools and area non-profits that serve the community. The area and neighborhoods surrounding Mt. Vernon estate have been recognized as the community of Mt. Vernon for 200 some years. Your proposed map inexplicably splits our community in half, and excludes the Mason Neck area which has long been recognized as part of our community. We have one citizen's council that ably represents our community, two high schools, one school board member and one supervisor. Our community has been diverse voices and groups but we are all linked by long association, including our schools, our two school pyramids and our representatives. Your proposed map would split the Mount Vernon school pyramid in half and split Fort Belvoir in half. These divisions do not make sense and would injure the long established relationships that make the Greater Mount Vernon community a distinct and vibrant community.

Linking us with West Springfield, on the other side of I-95, does not make sense. Describing our Mount Vernon community as a "Springfield and Franconia District" does a grave disservice to the residents of the greater Mount Vernon area. We recommend that I-95 be the western boundary of our district. The neighborhoods east of I-95 have far more in common currently and historically than with the neighborhoods south of Occoquan and west of I-95.

We urge you to reconsider your boundaries. It is important to the greater Mount Vernon neighborhoods and community that we continue to be recognized as an important and distinct district and not one that is lost by being folded into Woodbridge, Lorton and West Springfield.

Thank you for your consideration.

Respectfully,

Liz and Peter Promen
2210 Cavendish Drive
Alexandria, VA 22308

From: [Robin Whitworth](#)
To: [Redistricting](#)
Subject: Redistricting Comments
Date: Monday, December 13, 2021 6:24:00 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

My address: 4817 Stillwell Ave, Alexandria, Virginia 22309

This address is in Fairfax county, my precinct is Westgate.

Generally, I think the redistricting of our location is much better than it has been. Specific comments follow:

1. Congressional District: Like the change. We are moved from the 8th district to the 7th. We are now grouped with Mason Neck, Woodbridge, Manassas, and Fredericksburg which is fine. While not all parts of any district are going to share specific issues, we have much more common with district 7 than Arlington and the City of Alexandria.
2. Senate District: Like the change. Our new area is much like the Congressional District and it is good to have some common boundaries. The old Senate District was insanely twisted. Again, we have more in common with Woodbridge and Mason Neck than Alexandria City.
3. Delegate District: Like the change. Again, the consistency of boundaries is refreshing and the issues we'd address with our Delegate would be common with those of our Senator and US Congressman. Excellent!

Well done in our case!

Thank you!

--

Robin Whitworth
703-973-3458 (c)

From: [Mitch King](#)
To: [Redistricting](#)
Subject: Re: State Redistricting
Date: Monday, December 13, 2021 7:02:46 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

I live in Westgate precinct #613. The proposed redistricting for our Congressional, Virginia Senate and Delegate Districts has removed the Mount Vernon Estate, the Mount Vernon Civic Association and our Westgate neighborhoods from the Mount Vernon District and requires that we be combined with Prince William and Stafford Counties and the towns of Woodbridge, Manassas, Lorton and Gunston.

Moving George Washington's Mount Vernon Estate and the Mount Vernon Civic Association from Congressional District #8 and putting it in Congressional District #7 with Prince William and Stafford Counties violates five redistricting requirements: we are split from our contiguous community, does not respect our natural boundaries, denies our participation with our larger community of interest in District #8, removes us from an existing compact district and fails the equity test - many minority students from #8 are taught in our community where we have historically provided Food for Thought packets for those students in greatest need and we raise funds for our community food banks among our Association Members to support the families in need along the Rt 1 corridor.

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These same concerns apply to Senate District #34 and putting it in Senate District #33 with Woodbridge and Manassas, and Delegate District #16 and putting it in Delegate District #19 with Lorton, Gunston, and Woodbridge. These moves violate five redistricting requirements: we are split from our contiguous community, does not respect our natural boundaries, denies our participation with our larger community of interest in Senae District #34, and Delegate District 16 and removes us from an existing compact district and fails the equity test - many minority students from #34 are taught in our community where we have historically provided Food for Thought packets for those students in greatest need and we raise funds for our community food banks among our Association Members to support the families in need along the Rt 1 corridor.

The current recommendations will have a substantial negative impact on our community for at least the next 10 years, by separating key areas from Mount Vernon District cores in Mount Vernon and in Lorton. While the Special Masters' memo references the communities of Springfield and Franconia, there is NO mention or recognition of the existence of the Mount Vernon Community anywhere in their explanatory memorandum and their maps. This matters because what they've done ignores our area as long-standing "communities of interest" sharing print media, public transport infrastructure, and institutions such as schools and churches.

How can Mount Vernon and its original Westgate lands be removed from the Mount Vernon District? Please do not continue with this ill-advised proposal.

Cordially,
Norman M. King
3802 Densmore Court
Alexandria, VA 22309-2913

m my iPad

From: [Carol Mattaino](#)
To: [Redistricting](#)
Subject: Mt. Vernon redistricting
Date: Monday, December 13, 2021 7:33:23 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

I strongly disagree with the splitting up of the Mt. Vernon district. We have lived here for 47 years, and have been completely satisfied with the community services and the representation. We live on Robertson Blvd, and our neighborhood would be impacted. Please reconsider this decision.

Carolyn Mattaino, 4019 Robertson Blvd, Alexandria, Va. 22309.

From: [KATHERINE WARD](#)
To: [Redistricting](#)
Subject: Virginia State Congressional Redistricting -Do You Remember George Washington?
Date: Monday, December 13, 2021 8:05:15 PM
Importance: High

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

My comments relate to your maps for delegate and senator (new senator district 34/ new delegate districts 16 and 19)

I want to remind you that George Washington - the father of our Country owned the land my community is on. He also lived at Mount Vernon Estate located just south of my community and owned a large swath of the districts you are now trying to tear asunder. An area we all care about.

I am shocked that your redistricting maps FAIL to even recognize that a Fairfax County Virginia has a historical area called Mount Vernon! You need to restore this "community of interest" (educational, environmental, transportation) !

Senate 34th map: You need to redraw the map- this needs to include the following boundaries- The Potomac River on the east to Telegraph Road on the West and from the City of Alexandria boundary on the north to the Prince William county line to the south.

Delegate maps: They should also include the boundary lines mentioned above-

The communities within these natural and man made boundaries all care about education, land use development, the arts and recreation, transportation needs and environmental protections. We work, play and live in the same geographic areas and should not in any way be torn apart by number crunching without any consideration for us as individuals and our "common interests".

Katherine Ward

1029 Gladstone Place

Alexandria, VA 22308

703-627-8782 cell

From: [Allison Niedbala](#)
To: [Redistricting](#)
Subject: Maps brought forward from the Supreme Court as they affect Mt. Vernon Area
Date: Monday, December 13, 2021 9:54:47 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Hello,

I have just taken a look at the new maps drawn by the Supreme Court and I would like to make comments.

My current district is the 36th Senate District. The new map has me as a resident of the 34th district. The proposed map pairs the Mount Vernon District with Springfield.

The Fairfax County Board of Supervisors just approved a new Magisterial District Map for our districts and they removed a Springfield district because we do not share common interests. The newly drawn Fairfax County magisterial district map is a much better representation than the Senate map as West Springfield and the communities east of I-95 are not communities of interest.

The Mount Vernon Estate is the anchor of the Mount Vernon community. Please take note that Mount Vernon has a very strong community with many established organizations. The Mount Vernon community covers the area from the southern edge of Alexandria City (Belle View) all the way south down to the Prince William County line. It goes from the Potomac River west to I-95.

Please share the links above with the Special Masters, because they should know that the boundaries they have submitted do not recognize Mount Vernon as a community of interest. It is.

Sincerely,

Allison Niedbala
Long Time Mount Vernon Resident

From: [Ruth Driscoll-Lovejoy](#)
To: [Redistricting](#)
Cc: [Monsieur George Driscoll-Lovejoy](#)
Subject: VA Maps and Redistricting
Date: Monday, December 13, 2021 11:49:50 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Thank you for accepting comments on the proposed maps drawn by the Special Masters appointed by the Supreme Court of Virginia. We are of the opinion that the maps should not split up or otherwise separate contiguous neighborhoods, schools, or magisterial districts.

Thank you.

Ruth & George Driscoll-Lovejoy
Alexandria, VA 22306

The Honorable Muriel-Theresa Pitney, Clerk
Supreme Court of Virginia
P.O. Box 1315
100 N. Ninth Street
Richmond, VA 23219-1315

Re: Proposed Second Congressional District Map

Dear Ms. Pitney,

Pursuant to Rule 4a of the rules and procedures for implementing the requirements of article II section 6-A of the Constitution of Virginia, I am submitting the following comments and suggestions regarding redistricting of the Second Congressional District of the U. S. House of Representatives. It appears that the map proposed by the Special Masters for this district is deficient in the following respects, and should be redrawn:

Compactness/Contiguity - The Special Masters have recommended a weird, sprawling Dr. Seuss-style “Crooked J” shaped map that skips around the heart of what should be the Second District: the northern portion or all of Norfolk, along with all of Virginia Beach. In addition to Norfolk and Virginia Beach, out of geographic necessity, the Second District must also include the Eastern Shore, since the Eastern Shore is a peninsula connected only by a lengthy bridge-tunnel to Virginia Beach, with no land connection to any other Virginia jurisdiction. The Second District should also arguably include the northern portion of Chesapeake, which would make a district that is contiguous, compact, and urban/suburban in nature.

In contrast, there is no reason whatsoever to include the largely landlocked and extremely rural Southside jurisdictions of Southampton County, City of Franklin, Isle of Wight, or City of Suffolk. Adding these jurisdictions to the Second Congressional District creates a district that is neither compact nor contiguous on even a cursory examination, as the Special Masters specifically acknowledged.

On its face, the odd meandering Crooked J shape of this proposed district encircles and skirts contiguous jurisdictions that should have been included in the Second Congressional District, particularly Norfolk. The Crooked J map makes a large loop around nearby jurisdictions, then wanders miles away, deep into random unrelated, non-contiguous rural areas that have nothing whatsoever in common with the core South Hampton Roads cities of Norfolk and Virginia Beach. Unfortunately, the Crooked J shape provides instant visual evidence of unacceptable gerrymandering, and negates the contention that a fair and equitable process occurred.

Communities of interest - Norfolk and Virginia Beach are inextricable communities of interest. The prime geographic feature of these two communities of interest is the water - the Atlantic Ocean, the Chesapeake Bay, Hampton Roads (the waterway that connects the ocean to the bay), and the mouths of important rivers such as the Elizabeth River, Little Creek, the Lynnhaven, and the Lafayette River, as well as numerous smaller inland waterways. These prominent water features define both the shoreline and the inland areas around them, and have led to thriving military, industrial, and tourism uses in both of these adjoining cities.

Military bases include numerous huge U.S. Navy installations. The crown jewel of these military bases is in northern Norfolk: Naval Station Norfolk is the largest naval base in the world, headquarters of the U.S. Navy’s Fleet Forces Command, with an adjacent airfield, aircraft

carrier strike groups, military sealift command, destroyer squadrons, a submarine squadron, six aircraft carriers, and amphibious assault ships.

Along its border with Norfolk, Virginia Beach hosts Joint Expeditionary Base Little Creek. Further inland, Virginia Beach features the huge Naval Air Station Oceana, where the fighter jets and pilots that are an integral part of the aircraft carriers from Naval Station Norfolk are housed and trained, as well as the 203rd Red Horse Squadron of the Air National Guard at Camp Pendleton. Further east are the Fort Story Army/Navy joint base and the Dam Neck Naval Base.

The pre-eminence of U.S. military bases in the neighboring cities of Norfolk and Virginia Beach leads to a large population of active duty military service members and veterans and their families, who live in the surrounding urban/suburban areas of both cities. In addition, many private companies of all kinds support the military, veterans, and their families. For example, the private shipbuilding/repair companies along the Norfolk waterfront of the Elizabeth River serve both military and private customers. At the nearby Waterside/Town Point Park area, water-themed tourism, restaurants, and offices predominate. Similarly, on the Chesapeake Bay and at the Virginia Beach Oceanfront and other beaches, the tourism industry also thrives, with restaurants, hotels and entertainment that complement the military presence in the area.

Norfolk and Virginia Beach are two sides of the same coin, interchangeable and intertwined communities of interest which should share and anchor the Second Congressional District.

In contrast, the largely landlocked and unrelated non-contiguous rural areas of Franklin, Southampton, Isle of Wight and Suffolk do not belong in the Second District. Their pointless inclusion in the Crooked J map smacks of political manipulation, not geographic or social necessity. In fact, while the Special Masters describe this Crooked J map as competitive, the Second District would reportedly go from currently competitive to +5 or more Republican if that skewed map were adopted.

Federal Court Case - On information and belief, the current boundaries of the Second and Third Congressional districts were set by a federal court case that spanned several years, culminating in the U.S. District Court's adoption of the present map at Personhuballah v. Alcorn, 155 F. Supp. 3d 552 (E.D.Va. 2016). The federal District Court found that the Third Congressional District had been racially gerrymandered in an unconstitutional manner. The Court relied on neutral principles such as land contiguity and compactness to alter both the Second and Third Congressional districts so that minority voters were not "packed" into a single tortuous district, diluting their influence and ability to elect other candidates of choice. Given the history of this litigation, the Special Masters and this Court should adhere to the Personhuballah precedent/map as closely as possible, as in its present non-compliant Crooked J configuration, the Second District map will most likely be litigated in federal court again.

Other Considerations - No doubt it will be argued that the meandering, odd-shaped Crooked J map was necessary to create a minority opportunity district for the current incumbent in the Third Congressional District, who has been in office since 1993. At best, that is a convenient and cynical fiction. The Crooked J map emanated from the Special Masters' inexplicable choice to map Districts 8, 11, 6, 9, and 3, *then* to take up the Second Congressional District *last* in chronological order in the Hampton Roads area.

In the first instance, the Special Masters demonstrated little justification for changing the court-ordered Third Congressional District, which they conceded "consistently elects the candidate of choice of the African-American population." Nevertheless, they shifted all of the adjacent City of Norfolk from the Second to the Third Congressional District, split Chesapeake between

the Second and Third Districts, and cut out the heart of the Second District, including the neighborhood and longtime home in the City of Norfolk of the current two-term female incumbent. To add insult to injury, they shifted Isle of Wight, Franklin, Suffolk, and a portion of Southampton County, all rural jurisdictions extremely far away from Virginia Beach/Norfolk, to the Second District.

The Special Masters claimed that the remapping of the Third Congressional District “left few options” for the Second District. However, they failed to explain *why* they found it necessary to drastically change the recently litigated and established boundaries of the Third District in the first place. The Special Masters admitted that the Second District “loses functional contiguity” in Suffolk and Chesapeake, a problem that was not present with the prior boundaries established by the federal District Court. Moreover, while emphasizing (or overemphasizing) compactness for the Third District, they completely abandoned any pretense of an attempt to create a compact Second District with their sprawling, ugly, disjointed Crooked J design.

Gender Equity - The Special Masters contend that they developed the Crooked J Second District Congressional map without any knowledge of the identity of the incumbents. Given the skewed results, that contention strains credulity. Two of the three *female* members of Congress in Virginia have had their hometown drawn out from under them by this all-male map-making team. None of the eight *male* members of Congress have suffered that arbitrary and unfair fate. The results speak for themselves, and should be remedied immediately.

The Second District incumbent is a retired U.S. Navy Commander who overcame many obstacles to graduate from the U.S. Naval Academy, become a nuclear engineer, and serve on active duty as a surface warship officer for two decades. She went on to achieve election to Congress twice, defeating the same male former member of Congress two times in a row, despite fraud and criminal conduct by his campaign. She is a brilliant Representative of the anchor cities of Norfolk and Virginia Beach, as well as the entire Hampton Roads area. Her decades-long public service and sacrifice should not be wiped out by the hasty and ill-informed stroke of the Special Masters’ pen.

Women and minorities in the Second and Third Districts should not be abandoned to fight over the leftover scraps of Hampton Roads geography. Each of these overlapping groups (overlapping in the sense that many women are *also* minorities) have complementary, not competing, equity interests that supersede the Special Masters’ arbitrary and unreasoned insistence that the re-mapping of the Third District occur *at all*, and that it occur *first* before any consideration of a balanced, fair re-mapping of the Second District. These protected equity interests of minorities and women should be put front and center, considered first, not last, and resolved *before* the Special Masters address more mundane matters.

Like racial equity, gender equity is not an “issue,” an interest, or an elusive, far off goal. It is an imperative, a constitutional and legal right. This map should be modified so that it does not discriminate against the few courageous representatives of *over half* of Virginia’s population, *women*. To quote the late Justice Ruth Bader Ginsburg (quoting Sara Grimke), “I ask no favor for my sex. All I ask of our brethren is that they take their feet off our necks.”

It is now 2021, soon to be 2022. In 2021, women deserve their rights, from the courts and from all branches of government. That includes the right and opportunity to elect candidates of their female gender, without arbitrary, unfair interference from the courts and the Special Masters. The electoral fate of the current two-term female incumbent in the Second District should depend on the will of the voters of the Second District, not on the whims of unelected Special Masters who report only to the court.

Conclusion - For the reasons set forth above, the City of Norfolk, or at least the northern portion of the City of Norfolk, should be returned to the Second District map. The Special Masters should be specifically instructed to re-design the Crooked J map so that the Second District is compact, contiguous, and recognizes communities of interest, with an equal emphasis on the rights of the affected communities and *all* of their voters to elect candidates who achieve the imperative of gender equity as well as racial equity.

Respectfully submitted,

Susan B. Potter, Esq.

From: [Ann Andrews](#)
To: [Redistricting](#)
Subject: State Redistricting - Special Masters" memo
Date: Tuesday, December 14, 2021 7:28:59 AM

EXTERNAL EMAIL

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Good Morning:

The Special Masters' memo references the communities of Springfield and Franconia, **there is NO mention or recognition of the existence of the Mount Vernon Community** anywhere in their memorandum and their maps.

This matters because what they've done ignores our areas as long-standing "communities of interest" sharing print media, public transport infrastructure, and institutions such as schools and churches.

I am writing to request that Gunston Manor Subdivision remain part of the Mt. Vernon District.

Sincerely,

Ann Marie Andrews

From: [Ben Eggeman](#)
To: [Redistricting](#)
Subject: Huh?
Date: Tuesday, December 14, 2021 7:29:23 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

As a longtime resident of the Fort Hunt / Mount Vernon area, I cannot make hide, nor hair of your redistricting memo. I find it incomprehensible. Skip the diatribe. Say what you mean to say. Brevity is key.

From: [Mike Smith](#)
To: [Redistricting](#)
Subject: Redistricting
Date: Tuesday, December 14, 2021 7:39:17 AM

EXTERNAL EMAIL

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I live at 5122 Richardson Street, Chincoteague, VA 23336 and want to comment on the Masters' proposed redistricting of the 2nd and 3rd Congressional Districts. By intentionally placing Elaine Luria's home address outside the boundaries of the revised 2nd District, the Masters appear to be targeting her in order to deprive her of reelection and to increase the number of Republican Congressional members who represent Virginia voters. Indeed, that conclusion is made obvious by how the Masters also propose to redistrict other female Democratic Congressional members.

In addition, the Masters have split between the 2nd and 3rd districts voters, such as active and retired military members, who live in Norfolk or Virginia Beach and clearly share common interests. By doing so, the Masters will dilute those voters' power to advocate effectively for issues that affect them.

Moreover, by removing Suffolk and the Isle of Wight from the 3rd District, the Masters will create much less compact 2nd and 3rd Districts. That change will complicate Congressional members' ability to keep in touch with voters whom they represent, especially by meeting in person with them.

For those reasons, I urge the Masters to recommend district boundaries that properly address those issues.

Thank you.

Ralph Michael Smith

From: [Priscilla Bornmann](#)
To: [Redistricting](#)
Subject: Objection to the Proposed Restructuring Plan which divides the Mount Vernon community in two
Date: Tuesday, December 14, 2021 7:52:44 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Please note my strong objections to the Special Masters' current redistricting recommendations which would separate key areas away from the Mount Vernon District core in Mount Vernon and in Lorton. If accepted, these recommendations will have a substantial negative effect on the Mount Vernon community.

The Special Master's report fails to mention or recognize the existence of the Mount Vernon community, contrary to the interest of those of us who live in that community, and despite the fact that we are a long-recognized "community of interest." In addition, the plan would split the Mt. Vernon High School Pyramid, and groups the Mt. Vernon estate with voters on Rolling Road in Springfield instead of their neighbors on Ferry Landing Road.

Please do not accept the illogical and fact-blind redistricting plan which has been proposed by the Special Masters.

Priscilla G. Bornmann

Sent from my iPhone

From: [Frank Cohn](#)
To: [Redistricting](#)
Subject: The Mount Vernon District
Date: Tuesday, December 14, 2021 8:27:55 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Dear Redistricting Committee:

I am glad that you are involved to make fair distributions of voters within the State. Unfortunately, somehow you overlooked the Mount Vernon District as an established entity which should not be torn apart. Not sure how the population count goes, but cutting up the District into so many parts does not seem proper or fair. Please look at that again and see if you can repair it. Thank you for your work and efforts!

Frank Cohn

9002 Belvoir Woods Parkway, Fort Belvoir, VA 22060

Tel 703-781-5949; e-mail: FCohn22309@aol.com

From: [Holly Herman](#)
To: [Redistricting](#)
Subject: Public comments for redistricting
Date: Tuesday, December 14, 2021 8:44:20 AM

EXTERNAL EMAIL

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PUBLIC COMMENTS Submitted By:

Holly Wyatt Herman

24th Senate District, 25th House District, and Augusta County Resident

Four comments of concern: 1) Augusta County should not be split; and its two independent cities within it should be maintained as a whole. There are many regional partnerships and communities of interest among the county and cities and they are strengthened by maintaining representation within one Senate district.

2) These seats are indeed the people's seats and no one individual should be given preference to maintain a seat. Institutional knowledge, however, is a highly valued trait to ensure an effective and prudent government (knowledge of policy, process and the history of both). It sincerely concerns me that both the Senate and House maps will certainly result in a loss of much institutional knowledge and though we may be making progress in improving our partisan mapping process, we will in fact, take some steps back in good governance with the loss of that institutional knowledge. 3) I do not believe nesting of the districts is helpful and it actually creates problems of splitting up communities of interest. For example, Rockingham Co and Augusta Co are number 1 & 2 in the state for an agricultural based economy. The nesting plan has broken up those two communities of interest. There are other nesting problems throughout the maps. 4) Had the maps started at another area of the state rather than the Winchester corner, the maps might look differently and not split where they do. I would suggest picking a few different corners or middle of the state to develop maps without nesting parameters and see if they can better reflect communities of interest.

From: nearmissmk@verizon.net
To: [Redistricting](#)
Subject: RState Redistricting
Date: Tuesday, December 14, 2021 9:03:03 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

I live in Westgate precinct #613. The proposed redistricting for our Congressional, Virginia Senate and Delegate Districts has removed the Mount Vernon Estate, the Mount Vernon Civic Association and our Westgate neighborhoods from the Mount Vernon District and requires that we be combined with Prince William and Stafford Counties and the towns of Woodbridge, Manassas, Lorton and Gunston. Moving George Washington's Mount Vernon Estate and the Mount Vernon Civic Association from Congressional District #8 and putting it in Congressional District #7 with Prince William and Stafford Counties violates five redistricting requirements: we are split from our contiguous community, does not respect our natural boundaries, denies our participation with our larger community of interest in District #8, removes us from an existing compact district and fails the equity test - many minority students from #8 are taught in our community where we have historically provided Food for Thought packets for those students in greatest need and we raise funds for our community food banks among our Association Members to support the families in need along the Rt 1 corridor.

These same concerns apply to Senate District #34 and putting it in Senate District #33 with Woodbridge and Manassas, and Delegate District #16 and putting it in Delegate District #19 with Lorton, Gunston, and Woodbridge. These moves violate five redistricting requirements: we are split from our contiguous community, does not respect our natural boundaries, denies our participation with our larger community of interest in Senae District #34, and Delegate District 16 and removes us from an existing compact district and fails the equity test - many minority students from #34 are taught in our community where we have historically provided Food for Thought packets for those students in greatest need and we raise funds for our community food banks among our Association Members to support the families in need along the Rt 1 corridor.

The current recommendations will have a substantial negative impact on our community for at least the next 10 years, by separating key areas from Mount Vernon District cores in Mount Vernon and in Lorton. While the Special Masters' memo references the communities of Springfield and Franconia, there is NO mention or recognition of the existence of the Mount Vernon Community anywhere in their explanatory memorandum and their maps. This matters because what they've done ignores our area as long-standing "communities of interest" sharing print media, public transport infrastructure, and institutions such as schools and churches.

How can Mount Vernon and its original Westgate lands be removed from the Mount

Vernon District? Please do not continue with this ill-advised proposal.

Cordially,
Norman M. King
3802 Densmore Court
Alexandria, VA 22309-2913

From: Mickey Fenyk-King <tjsamjoey@verizon.net>
Sent: Sunday, December 12, 2021 9:40 PM
To: redistricting@vacourts.gov
Subject: State Redistricting

I live in Westgate precinct #613 which should be included in Congressional district #8 along with the rest of the Mt. Vernon magisterial district. The map puts us into Congressional district #7 from which we are totally separated by Fort Belvoir.

The current recommendations will have a substantial negative impact on our community for the next 10 years, by separating key areas from Mount Vernon District cores in Mount Vernon and in Lorton. While the Special Masters' memo references the communities of Springfield and Franconia, there is NO mention or recognition of the existence of the Mount Vernon Community anywhere in their explanatory memorandum and their maps. This matters because what they've done ignores our area as long-standing "communities of interest" sharing print media, public transport infrastructure, and institutions such as schools and churches and, I believe as a result, are proposing to shift voters:

- Living along Mount Vernon Memorial Highway into a new Congressional District centered on Fredericksburg and Manassas instead of the existing 8th Congressional District and the rest of Mt. Vernon; and
- Living in Mason Neck or East of I-95 into a Virginia Senate District with people in Lake Ridge, Woodbridge, and Crosspointe, instead of with everyone else who lives in 22303, 22306, 22307, 22308, 22309, and 22315.

Please do NOT continue with the ill advised recommendations for redistributing of those of us living on land that was part of the original Mount Vernon estate.

Cordially,
Mickey Fenyk-King
3802 Densmore Court
Alexandria, VA 22309-2913
Sent from my iPad

From: [Barbara Shear](#)
To: [Redistricting](#)
Subject: redistricting in Mt. Vernon area
Date: Tuesday, December 14, 2021 9:18:50 AM

EXTERNAL EMAIL

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I strongly oppose the proposed redistricting of the Mt. Vernon area. It will break up an area with a strong sense of community and will separate long-established neighborhoods in a way that makes no sense geographically or socially. Please reconsider this action for the wellbeing of all the citizen involved.

Barbara Shear
1820 Drury Lane
Alexandria, VA 22307

From: grandmaclare@cox.net
To: [Redistricting](#)
Subject: Mt. Vernon District in Fairfax County
Date: Tuesday, December 14, 2021 9:20:27 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Dear Special Masters,

I am highly in favor of redrawing voting districts in Virginia in a fair and nonpartisan way. At this point, we the citizens have to trust the Special Masters to take on this task in a completely non-partisan way because this is what the citizens voted for. We expect no less.

However, I am disappointed that the Mt. Vernon Community is being divided in the new redistricting map proposals. I am also disappointed that there is no mention of Mt. Vernon in the description as if our community does not exist or matter. My street in the Mt. Vernon community will be grouped with voters from an area much farther from me and have different needs and concerns. I don't see how this fits with the "communities of interest" rules. I don't feel that my vote will enable me to elect a representative who will be looking out for my concerns. I don't understand how our community can be divided this way. We are one of the older communities in Fairfax County and deserve to be treated as a community of interest.

I can understand the difficulty in drawing a map that makes everyone happy, but separating my Mt. Vernon neighborhood from the rest of Mt. Vernon is a bad idea. Already, my mailing address does not represent the actual community of Mt. Vernon in Fairfax County where I live. Please don't separate my Neighborhood's voting districts and stick us with completely different communities just to be fillers! Keep us together following the "communities of interest" rule.

**I ask that you reconsider this aspect of both proposals.
Please don't divide the Mt. Vernon Community as you consider the
redistricting map proposals.**

**Clare O. Coulter
8025 Lynnfield Drive
Alexandria, VA 22306**

From: [Kathleen Hanrahan](#)
To: [Redistricting](#)
Subject: Proposed Re-Districting for Mount Vernon Community
Date: Tuesday, December 14, 2021 10:35:50 AM

EXTERNAL EMAIL

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As a long-time resident of the Mount Vernon area, I am extremely concerned by the proposed maps breaking our historic community in two. Neighbors to the east/south of Mount Vernon Memorial Highway are being grouped into districts either centered in Springfield or with Fredericksburg, Manassas and Quantico.

The residents of the areas being severed from the Mount Vernon Community share our schools, parks, libraries, transportation, infrastructure and community activities for which they deserve to have a voice and a vote. The proposed maps that sever the historic Mount Vernon Estate and surrounding neighborhoods from our districts need to be corrected immediately.

I applaud the effort to approach redistricting in a non-partisan way, but the Special Masters were clearly uninformed about this historic community. Please remedy this error before the final draft maps are submitted for approval. Thank you for your attention.

Respectfully,

K. Hanrahan
Alexandria, VA 22309

From: [Nancy Davies](#)
To: [Redistricting](#)
Subject: Proposed Redistricting
Date: Tuesday, December 14, 2021 10:44:11 AM

EXTERNAL EMAIL

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As both a female and a suburbanite, I will not be fairly and equally represented by the most recent proposed map. Bob Good is not remotely representative of my interests. Please reconsider, especially along gender lines. So far, what the latest group has done to women and suburban representation is discouraging.

Nancy Davies
8456 W. Bon View Drive
North Chesterfield, VA 23235
(c) 804.937.6123

From: [Gmail](#)
To: [Redistricting](#)
Subject: Redistributing public comments
Date: Tuesday, December 14, 2021 10:49:10 AM

EXTERNAL EMAIL

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Redistricting Public Comments
Submitted by Judith W Wyatt
Resident of Augusta County

* The splitting of Augusta County and the cities of Staunton and Waynesboro is a prime example that you have failed your task to keep local communities of interest together! These three communities have spent years building shared partnerships and they work best within one Senate District.

* Re institutional wisdom—I understand you were to give no thought to present incumbency representation. But, you have also given no thought to the loss of institutional wisdom made possible by the current proposals.

* Surely there are better choices for mapping than the one currently proposed. I suggest a new starting point that will hopefully address peoples' concerns.

Thank you,
Judy Wyatt
thecwyatts@gmail.com
Sent from my iPhone



COUNTY OF FREDERICK

Roderick B. Williams
County Attorney

540/722-8383
Fax 540/667-0370
E-mail rwillia@fcva.us

December 14, 2021

VIA EMAIL TO Redistricting@vacourts.gov

Honorable Muriel-Theresa Pitney, Clerk of Court
Supreme Court of Virginia
P.O. Box 1315
100 North Ninth Street
Richmond, VA 23219-1315

Re: Decennial Redistricting Pursuant to the Constitution of Virginia,
art. II, §§ 6 to 6-A, and Virginia Code § 30-399

Dear Ms. Pitney:

Pursuant to the Court's Rules and Procedures for Implementing the Requirements of Article II, Section 6-A of the Constitution of Virginia, I write on behalf of Frederick County and its Board of Supervisors (collectively, "Frederick County" or "the County") regarding the state legislative and congressional district maps proposed by the Court's Special Master. I write for two specific reasons, first, to request the opportunity to participate on behalf of Frederick County in the Court's December 15 public hearing, and, second, to include here full detail of slight adjustments that Frederick County requests to Special Masters' maps.

Frederick County last week completed its own local magisterial district redistricting, with the Board of Supervisors adopting new maps for the County's magisterial districts and precincts. Concerning the congressional and state legislative districts, Frederick County very much appreciates that the Special Masters' proposed maps leave the County intact within a single congressional district, a single State Senate district, and just two House of Delegates districts. I write now, however, to respectfully request two possible adjustments the Special Masters' proposed maps for House of Delegates Districts 31 and 32.

Frederick County seeks, if and to the extent possible, to have its precincts and, preferably as well, its magisterial districts, correspond with the House of Delegates districts. Most importantly, the County's two requested adjustments will help avoid the prospect of confusing and disfavored split precincts. *See* Va. Code § 24.2-307. With respect to the magisterial districts, the County's two requested adjustments would keep the entirety of three of its six magisterial districts within House District 32 and the entirety two other of its six magisterial districts within House District 31. Only one of the County's six magisterial districts would be split between two

House of Delegates districts, an outcome the County recognizes is inevitable, given the location of the City of Winchester, being wholly surrounded by the County, and given the combined population of the City and the County.

Taken together, the County's two requested adjustments will not increase the deviation in population totals between the two House of Delegates districts; in fact, the two adjustments will reduce the deviation in population totals. The currently proposed populations of the two districts are 87,054 for District 31 and 85,347 for District 32; the proposed populations of the two districts, with the County's revision, would be 86,680 for District 31 and 85,721 for District 32. Accompanying this letter are maps that illustrate the County's suggested adjustments: one overall map (Map 1), illustrating both changes together, and then four separate maps, two illustrating the subject areas without the County's requested changes (Maps 2 and 4) and two illustrating the subject areas with the County's requested changes (Maps 3 and 5).*

The County's first requested adjustment, identified as "#2" on the accompanying overall map (Map 1), involves shifting an area bounded by, generally, Marlboro Road on the north, the Town of Stephens City, Interstate 81, and Route 11 on the east, Vacluse Road on the south, and Hites Road on the west, from House of Delegates District 32 to District 31. Maps 2 and 3 accompanying this letter illustrate the area in greater detail. The specific census blocks involved, 13 in all, are as follows:

510690506002055	510690506002017
510690506002054	510690506002016
510690506002051	510690506002014
510690506002031	510690506002013
510690506002030	510690506002012
510690506002029	510690506002006.
510690506002028	

This shift would involve moving a population of 205 people.

The County's second requested adjustment, identified as "#3" on the accompanying overall map (Map 1), involves shifting an area bounded by, generally, Sulphur Spring Road on the north, Opequon Creek on the east, and Route 50, Airport Road, and Victory Road on the southwest, from House of Delegates District 31 to District 32. Maps 4 and 5 accompanying this letter illustrate the area in greater detail. The specific census blocks involved, 32 in all, are as follows:

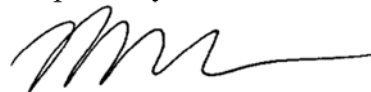
* County staff has determined that the County could, on its own, in compliance with Va. Code § 24.2-304.1(D) (permitting the locality to make adjustments not exceeding the lesser of 250 persons or five percent of the population of a district), make a third adjustment, identified as "#1" on the accompanying overall map (Map 1), to eliminate one remaining split precinct issue, as the change would involve a population group of only 120 people. The area involved is bounded by Marlboro Road on the north, Hites Road on the east, Clark Road on the south, and Clark Road and Middle Road on the west, and entails 4 census blocks: 510690506002021, 510690506002020, 510690506002019, and 510690506002018. In the alternative, the County respectfully submits that Court could also simply move this area as well from House of Delegates District 32 to District 31, as the shift would still leave the deviation in population totals for Districts 31 and 32 less than in the Special Masters' proposed maps.

510690509001047	510690509001010
510690509001046	510690509001009
510690509001045	510690509001008
510690509001044	510690509001007
510690509001043	510690509001006
510690509001042	510690509001005
510690509001041	510690509001004
510690509001039	510690509001003
510690509001038	510690509001002
510690509001037	510690509001001
510690509001036	510690509001000
510690509001035	510690508051013
510690509001034	510690508051003
510690509001033	510690508051002
510690509001032	510690508051001
510690509001028	510690508051000

This shift would involve moving a population of 579 people.

Accordingly, Frederick County respectfully requests the foregoing adjustments to the Special Masters' proposed House of Delegates Districts 31 and 32. Should the Court or the Special Masters require further information, the County can readily provide it, upon request to the undersigned County Attorney. The County very much appreciates the Court's consideration of the County's concerns.

Respectfully submitted,

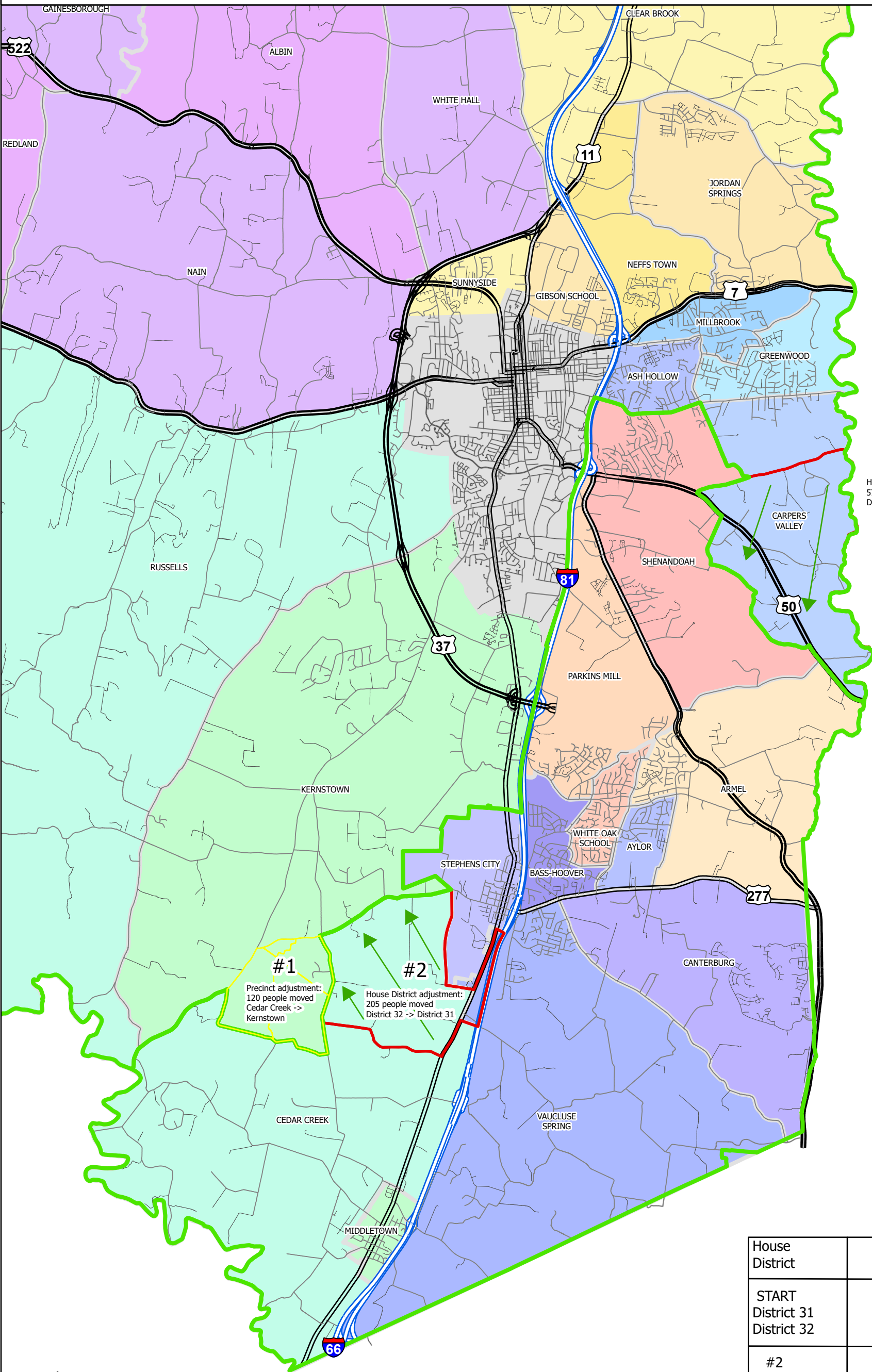


Roderick B. Williams
County Attorney

Attachments (3 maps)

cc: Board of Supervisors
County Administrator

Proposed State House / Precinct Edits



#3
House District adjustment:
579 people moved
District 31 -> District 32

#1
Precinct adjustment:
120 people moved
Cedar Creek ->
Kernstown

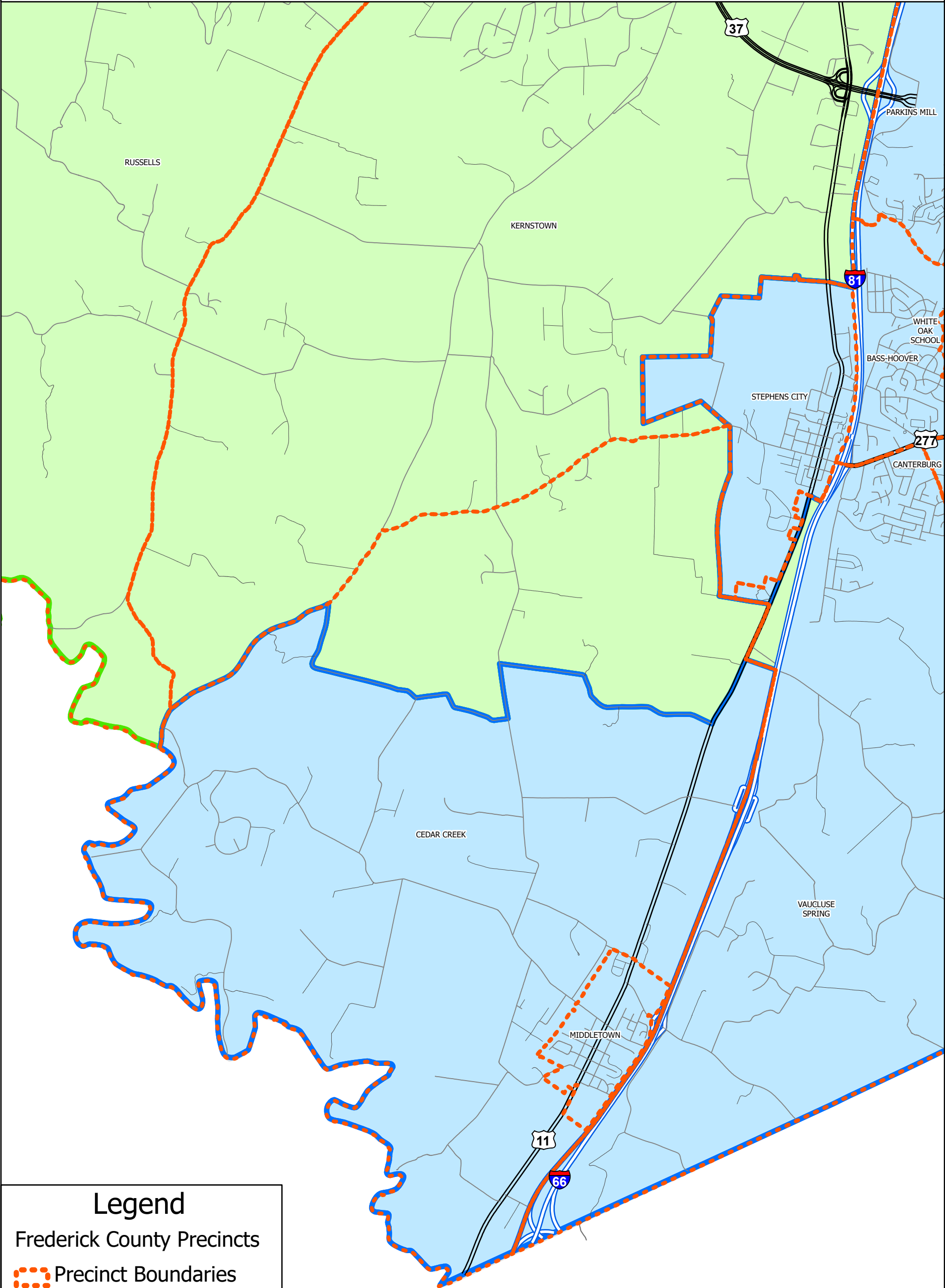
#2
House District adjustment:
205 people moved
District 32 -> District 31

House District	Population Change
START	
District 31	87,054 (0.86%)
District 32	85,347 (-1.12%)
#2	-
District 31	87,259 (+205)
District 32	85,142 (-205)
#3	-
District 31	86,680 (-579)
District 32	85,721 (+579)
Final Deviation	(D31 +0.42% / D32, -0.69%)

MAP 1



Proposed State House District Lines



Legend

Frederick County Precincts

 Precinct Boundaries

State House Districts

 District 32

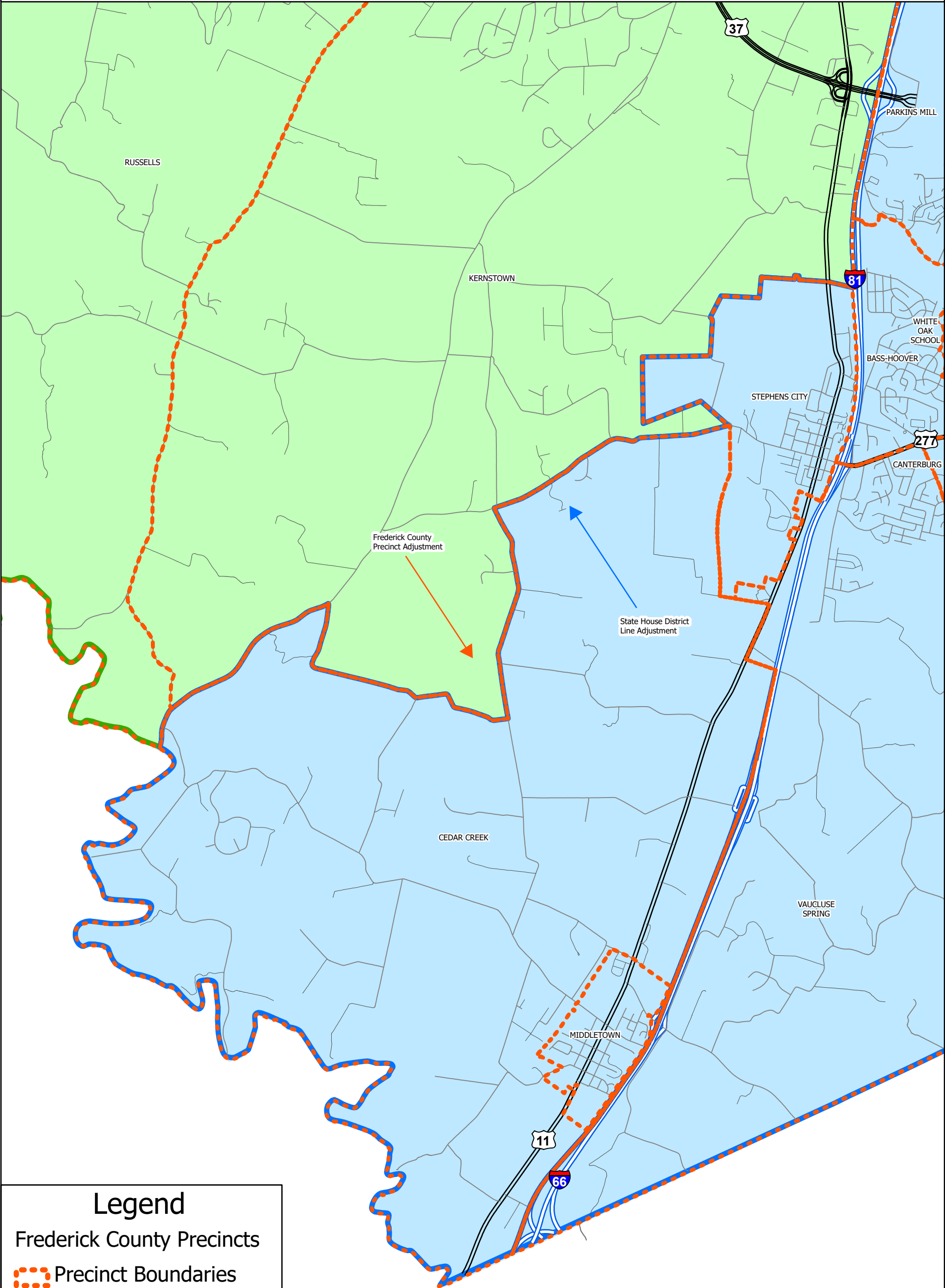
 District 31

Frederick County
Department of
Information Technologies
GIS Division 12/9/2021

MAP 2



Alternate State House District Line



Legend

Frederick County Precincts

 Precinct Boundaries

State House Districts

 District 32

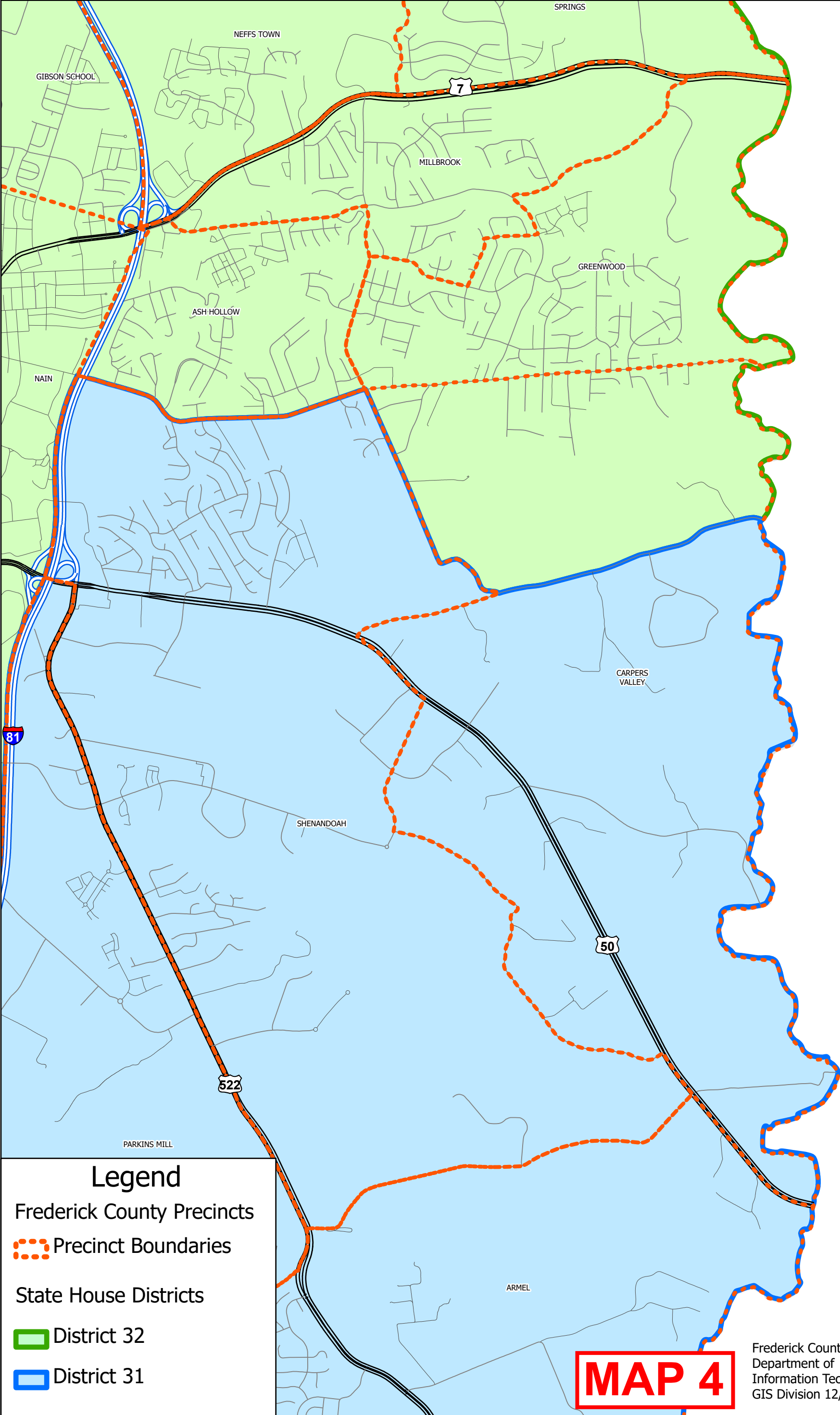
 District 31

Frederick County
Department of
Information Technologies
GIS Division 12/9/2021

MAP 3



Existing State House District Line



Legend

Frederick County Precincts

 Precinct Boundaries

State House Districts

 District 32

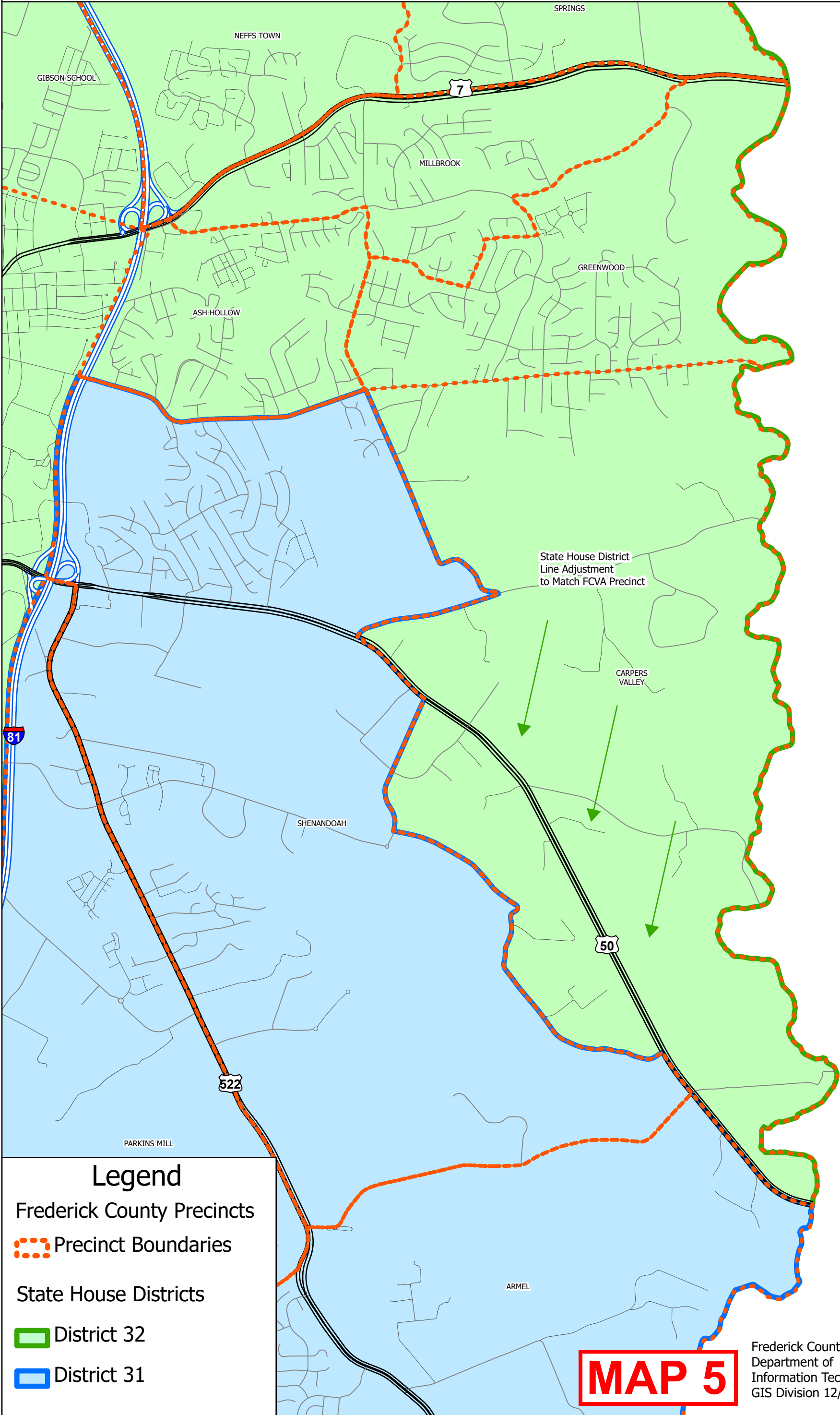
 District 31

MAP 4

Frederick County
Department of
Information Technologies
GIS Division 12/9/2021



Alternate State House District Line



From: [Greg Brandon](#)
To: [Redistricting](#)
Subject: Please Make Minor Adjustment To Proposed House of Delegates District 7
Date: Tuesday, December 14, 2021 11:09:15 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Do the Special Masters really need to cleave off 81 voters from the current HD 34 to glom onto the proposed HD7? It appears from the VPAP map - www.vpap.org/redistricting/plan/2021-house-vasupremecourt-statewide-1/district-7/ - that they have unnecessarily created a split precinct. Please avoid splitting precincts. I think it is unfair for localities to clean up the mess by healing the splits through the creation of additional precincts that may need new polling locations and definitely need additional staffing.

Thank you for this consideration.

Gregory Brandon

gbrandon1955@gmail.com

Fairfax County

McLean

From: [Greg Brandon](#)
To: [Redistricting](#)
Subject: Please Make Minor Adjustment To Proposed Senate District 35
Date: Tuesday, December 14, 2021 11:19:16 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

I would like the Special Masters to adjust the proposed SD35 to remove the 215 voters that were apparently taken from the current SD39. Please see this

map: www.vpap.org/redistricting/plan/2021-senate-vasupremecourt-statewide-1/district-35/.

It appears this would unnecessarily create a split precinct which should be avoided. I think it is unfair for localities to clean up the mess by healing the splits through the creation of additional precincts that may need new polling locations and definitely need additional staffing.

Thank you for this consideration.

Gregory Brandon

gbrandon1955@gmail.com

Fairfax County

McLean

From: [ralph slawson](#)
To: [Redistricting](#)
Subject: Redistricting Mt Vernon
Date: Tuesday, December 14, 2021 11:22:20 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

I oppose the map that divides up Mt Vernon. This historic district should not cut up into areas, some of which are not compatible with historic areas in the current district. Please review the proposed splitting up of our district.

Ralph Slawson

From: [Greg Brandon](#)
To: [Redistricting](#)
Subject: Proposed House of Representatives District 10
Date: Tuesday, December 14, 2021 11:46:40 AM

EXTERNAL EMAIL

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I would like the Special Masters to shift the voters in Charlottesville City from the proposed CD5 to the proposed CD10. I think it unfair to the Democrats in this college town to be stranded in a Republican congressional district.

Thank you for this consideration.

Gregory Brandon

gbrandon1955@gmail.com

Fairfax County

McLean

From: [Suchada Langley](#)
To: [Redistricting](#)
Subject: Comments on State House District 12
Date: Tuesday, December 14, 2021 12:13:25 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

My name is Suchada Langley (at 2435 Flint Hill Rd, Vienna) and I am in new drawn district 12. My current HOD is Mark Keam. The new district 12 is expanded from Vienna to Tysons areas which unfortunately includes where Delegate Marcus Simon, another great delegate, lives.

Vienna and Tysons/Pimit have very different characteristics, both economically, socially, and culturally. In Vienna, we are mostly small businesses. We enjoy our Church street events of ViVA Vienna, Memorial Days, Taste of Vienna, Holidays, Oktoberfest, and so on. We line up Maple eve to watch Halloween Parade as well as July 4th Firework. We hang out at local brewery, bar, and coffee shops. We got our own neighborhood group chats on most things Vienna.

Please do not destroy this well balance of our community by adding the busy and commercialized Tysons areas.

Sincerely,

Suchada Langley
Vienna residence since 1991.

From: [Katie Cachine](#)
To: [Redistricting](#)
Subject: Mount Vernon redistricting
Date: Tuesday, December 14, 2021 12:47:20 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

To whom it may concern,

I am extremely alarmed that the plans for redistricting would split the Mount Vernon community in half. My address is 4319 Ferry Landing Rd, Alexandria, VA 22309. I would no longer be in the district I am currently, with the rest of my Mount Vernon neighbors. It splits neighborhoods and communities apart. I live and work in this community. However, my residence and my place of employment would now be served in different districts, which is not something I want to happen. There is absolutely no reason that my neighborhood should share a district with Manassas and Fredericksburg, rather than with the rest of the community of which I am a part of. It splits the Mount Vernon High School pyramid in half. It splits the original land of George Washington's Mount Vernon into 2 very different districts with different needs. This needs to be adjusted to reflect that we are a long standing community of interest that shares infrastructure with the rest of the Mount Vernon neighborhood. Thank you for considering my feedback.

Sincerely,
Katie Cachine

Goochland County Congressional and House of Delegates Concerns December 13, 2021

To the Honorable Supreme Court Justices,

Thank you for the opportunity to share concerns regarding the recently released congressional and statewide district maps by the Special Masters. I am Wendy Hobbs, a resident of Goochland County with 24,727 residents, and of that population, only 3,900 are African Americans. I oppose the proposed Special Masters' maps, which eliminated the current Congressional District 7.

The Opposition Concerns:

- Goochland County is an exurb of Richmond City, Henrico, Chesterfield, and Hanover Counties. Our residents work and shop in the Richmond Metropolitan Areas.
- The proposed Special Masters' Map assigns Goochland in Congressional District 1 with the Hampton Roads and Northern Neck areas.
- Goochland is in Central Virginia, and our community interests are different from those proposed areas, which concerns may be more focused on climate control and military efforts.
- Goochland serves on several Regional Boards and initiatives in the Richmond Metropolitan area. The county participation on regional boards and commissions assists residents with school, transportation, health, and other regional initiatives. Also, when federal funds are acquired, they are funneled to a district that impacts Goochland County.
- Goochland services are rendered primarily by Richmond City and surrounding counties. The resources these larger populated areas can get due to their population sizes directly ensures Goochland County receives its fair share of resources,
- In the proposed Special Masters' maps, Goochland will compete with other localities of similar sizes, resulting in the possible loss of federal and state resources for the most vulnerable populations.
- The map proposed by the state-appointed redistricting committee to keep the current congressional district intact and add Charlottesville and Albemarle County is a map that benefits the community interest of Goochland County.
- Goochland is one of the wealthiest counties in the state. However, of the 3,900 African American residents, a significant number of them live below the poverty level and struggle to have adequate medical and housing options. Studies have shown this population die at a higher rate than their white or economically stable populations. The resources gained at the federal and state levels are needed and would be further detrimental if the redistricting maps resulted in reducing the funding resources.

On splitting communities of interest in Goochland County:

- The new maps for Goochland County do not meet the guidelines for redistricting regarding compactness. Congressional District 1 does not favor Goochland County community interest. Additionally, the CD-01 map assigning Goochland with the Northern Neck and Hampton Road results in communities with no real connections

and removes Goochland from a district where residents work, shop, and live every day.

- The Congressional map for District 1 includes the entire county, yet the House of Delegates maps split the county. The maps should not divide a county with 24,727 residents. A county this size should not rely on two House of Delegates members to represent the county's interest. Further, it results in logistical difficulties for our county to educate residents on who represents them or is campaigning.
- Goochland County is bound on the north by Interstate 64, and on the south, by Route 288 and Route 60. It makes sense to keep the county as a whole in the same House of Delegates and Senate districts.

Thank you for the opportunity to testify to keep Congressional District 7 intact and add Charlottesville and Albemarle County to CD-7. It is also requested to designate only one House of Delegates for Goochland County for a population of just under 25,000.

Respectfully submitted
Wendy S. Hobbs
Goochland County, Virginia

From: [Adele Coble](#)
To: [Redistricting](#)
Subject: Comment on Mount Vernon area
Date: Tuesday, December 14, 2021 1:18:30 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Hello,

I'm a mother of two sons and voter in the Mount Vernon area (Waynewood neighborhood). I also was a deputy campaign director on the successful campaign to pass Florida state constitution amendments to prevent gerrymandering back in 2010. I have seen first hand what splitting communities like the Mount Vernon area can do to sever local ties-- Florida was riddled with examples. In some cases, it can affect voter turnout, connection to or interest in local politics that deeply affect the community. At worst, it can develop estrangement from neighbors. In my current neighborhood, it would potentially bisect our community and I would hate for my sons to grow up with any barriers that divide our little Mayberry-like area.

I urge you to think again about creating boundaries that follow natural geographic or current sociopolitical divisions, rather than creating boundaries that have never existed before.

Thank you for your time,

Adele Coble
922 Croton Dr, Alexandria, VA 22308
573-999-1848

From: [Lainge Bailey](#)
To: [Redistricting](#)
Cc: MtVernon.Office@fairfaxcounty.gov
Subject: Redistricting@vacourts.gov
Date: Tuesday, December 14, 2021 1:35:05 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Fr. Lainge Bailey, 7820 West Boulevard Dr. Alexandria, VA 22308-1001, 703-660-2327 laingebailey@earthlink.net.

The Mount Vernon Idea

I chose to live, teach and volunteer in Mount Vernon because of its unifying, local, "Town Hall" approach to government: I call it The Mount Vernon Idea.. Last week's Special Masters' redistricting proposal can negatively effect Fairfax County precinct changes and shows a lack of understanding of our community. For nearly 40 years, I have been a Virginia taxpayer and a resident of Mount Vernon District, Fairfax County, VA - George Washington's neighborhood. I also had a residence in Fairfax City in the 60s and 70s. I respect Virginia law, history and civic processes, very like Connecticut, the state of my birth. In fact the New England states and our Commonwealth share many of the founding principles that built and held together our democratic ideals. I was shocked to learn that our well-designed, County redistricting plan may be ignored and therefor disrespected by the new redistricting Masters. Mount Vernon has been recognized since Washington's day as the oldest, largest and most populace District in the County. This last census did not indicate any logical reason for the radical District splitting proposed by the Masters that may ultimately disrupt school assignments, VDOT and economic development, and safety and community services, especially along Mount Vernon's Route One Corridor. In the last 30 plus years from the Beltway through Lorton, commercial and residential development has strengthened the District, the County and the Commonwealth. The "Route One Corridor" built opportunity through community and raised economic and educational standards for all. And that success benefits all: in the Commonwealth and nation. Do not carve up Mount Vernon District! Stick with the Fairfax County Redistricting Plan. Respectfully Submitted, Lainge Bailey

From: [Ahmad Fryar](#)
To: [Redistricting](#)
Subject: Virginia Redistricting Objection
Date: Tuesday, December 14, 2021 2:39:24 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

To whom it may concern:

My name is Ahmad Fryar and I am sending this email to strongly oppose the redistricting of Virginia more specifically the Lorton area of Fairfax county which has been put forth. I have been a resident of Lorton for more than a decade and have watched my children grow here.

Lorton as well as the Mt. Vernon district is a very culturally diverse community with a great mix of all socioeconomic classes and a true treasure in the state of Virginia. The proposed redistricting will disrupt the growth and attractiveness of the area to potentially new residents and businesses negatively impacting the growth of Lorton by diminishing the diversity of this area.

In conclusion I strongly disagree with the proposed redistricting due to the impact it will have on the future of Lorton our children, community and a place I call home.

Ahmad Fryar
8645 Spring Creek Court
571-523-3699
Fro1@yahoo.com

From: [Dean Tinnin](#)
To: [Redistricting](#)
Subject: DO NOT REDISTRICT!
Date: Tuesday, December 14, 2021 2:45:39 PM

EXTERNAL EMAIL

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I DO NOT SUPPORT ANY REDISTRICTING AT THIS TIME!!

thank you.

Sent from my iPhone

From: [Jacquelin M Johnson](#)
To: [Redistricting](#)
Subject: RE: Redistricting of our Area!
Date: Tuesday, December 14, 2021 2:58:47 PM

EXTERNAL EMAIL

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Please Do No Redistrict!

Please Do No Redistrict!

Please Do No Redistrict!

Thank You,

Mrs. J Johnson

From: [Gary Hodnett](#)
To: [Redistricting](#)
Subject: Redistricting Congressional Hurt Precinct 48
Date: Tuesday, December 14, 2021 3:05:23 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Court's Special Masters,

I strongly urge the Court's Special Masters to reconsider the move of the Hurt Precinct from Pittsylvania (48) to Campbell (51). Considering that Hurt Precinct (48) remaining in with Pittsylvania County it easily falls within the listed Deviation guideline. If you consider COI again Hurt Precinct (48) is obviously within the Communities of Interest intent. As example Town of Hurt, Renan, Grit and Motley are all rural communities with the same values and their residents intertwined. Moving Hurt (48) into Campbell (51) will be detrimental to the COI intent. Also, The Town of Hurt, Chatham and Gretna all work harmoniously together on issues and would destroy this as well making each a weaker community. Within the Town of Hurt limits, we are fortunate to have the Southern Virginia Multimodal Park. We are partnered with Pittsylvania County, City of Danville on this project. It offers a future to the Town of Hurt and even a more important reason that we stay in Precinct (48) within Pittsylvania County.

Gary Hodnett
Mayor, Town of Hurt
gary.hodnett@townofhurtva.gov
434-259-1735

"Pursuant to the Virginia Freedom of Information Act (FOIA), emails and attachments may be released to others upon request for inspection and copying without prior notification."

From: [Tim Stevens](#)
To: [Redistricting](#)
Subject: comments on new proposed political maps
Date: Tuesday, December 14, 2021 3:11:24 PM

EXTERNAL EMAIL

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I agree with and support adding Falls Church City with Arlington for both the new House District 1, and the new Senate District 40. It is a better fit from a community of interest perspective (i.e. older, established suburbs) than the current maps which include Falls Church City with newer suburban areas to the west.

Tim Stevens
106 Gresham Pl
Falls Church, VA 22046

From: [Aliscia Andrews](#)
To: [Redistricting](#)
Subject: District lines
Date: Tuesday, December 14, 2021 3:16:37 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

To whom it may concern;

Thank you for your ability to make the maps as fair as possible. I recognize you may be receiving large amounts of hate mail but it's unwarranted. Thank you for your service to the people of our GREAT Commonwealth.

Thank you,
Aliscia Andrews

From: [scottflannery](#)
To: [Redistricting](#)
Subject: Prince William County
Date: Tuesday, December 14, 2021 3:19:37 PM

EXTERNAL EMAIL

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Do not remove Representative Witman from the county. Thank you

V/r
Scott Flannery

Sent from my Galaxy

From: jtlangmessenger@verizon.net
To: [Redistricting](#)
Subject: Comments on Redistricting
Date: Tuesday, December 14, 2021 3:34:57 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

To whom it may concern:

As a citizen living in Prince William County, I have followed with great interest the proposed redistricting of the state. This is an area where gerrymandering can occur, and it is never for the good. I would recommend that proposed House Map C1 be adopted as the one for District 7 which includes Prince William County.

A citizen,

James E. Langmessenger

From: [Arina van Breda](#)
To: [Redistricting](#)
Subject: Redistricting comment re Northern Virginia and the Mt Vernon community
Date: Tuesday, December 14, 2021 3:36:25 PM
Attachments: [pastedGraphic.png](#)
[pastedGraphic_1.png](#)
[pastedGraphic_2.png](#)
[pastedGraphic_3.png](#)
[pastedGraphic_4.png](#)
[pastedGraphic_5.png](#)
[pastedGraphic_6.png](#)
[pastedGraphic_7.png](#)
[pastedGraphic_8.png](#)
[pastedGraphic_9.png](#)

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

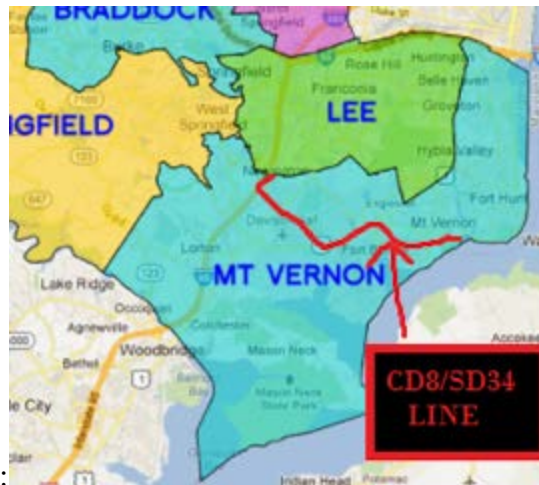
We are all residents of the Mt. Vernon community and are writing regarding the proposed redistricting of the Mt. Vernon area of Fairfax County. The Mt Vernon area is a community in the real sense of the word. Those of us who live here describe themselves as living in Mt Vernon. We are a community with schools, churches, transportation systems, ecological resources and media (Mt Vernon Gazette) that serve this area as a discrete portion of Fairfax County and Northern Virginia. We want legislators who know our community of Mt Vernon and will represent our interests.

First, in the explanatory memo to the proposed redistricting map, the southern boundary of CD8 is drawn along VA-235 because of inability to add population to CD8. "This version of the 8th had too many people, so we moved Springfield and Franconia into the Fairfax district, with a few precincts around Lorton moved into the Prince William County district (the newly created 7th district)."

This is problematic for a couple reasons:

- You should have included the entire Mt. Vernon Community all the way down to the Estate in the district instead of cutting it off from the rest.
- Second, you should not have divided Kingstowne - the largest HOA in the area in half.
- Third, in light of the fact that you only drew that line because you ran out of room to add people - it should not have been used as a boundary that governs the House and Senate Districts because it is not based in any community of interest.
- A series of other problems flow from that decision as detailed below.

First, here is what the proposed CD8/SD34 Line does to Fairfax County's Mt. Vernon



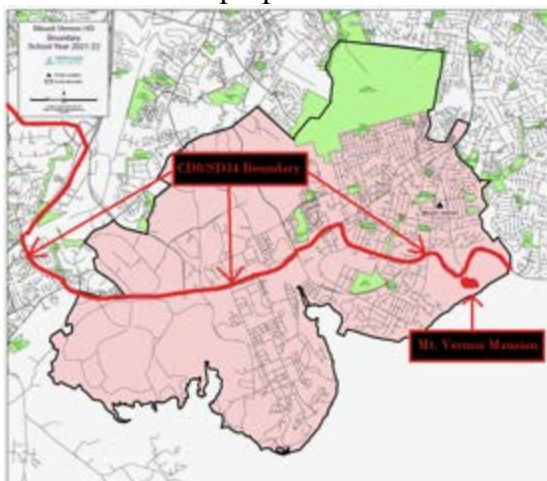
Supervisor District:

Here's what the proposed CD8/SD34 Line does to the original Mt. Vernon Estate that our



community grew up around:

Here is what the proposed CD8/SD34 Line does to Mt. Vernon High School boundary:

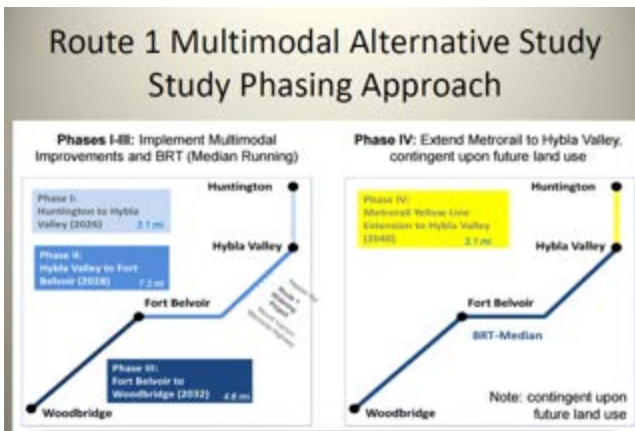


Here's how the proposed CD8/SD34 Line divides Fort Belvoir Military Installation (in gray) in

half:



VDOT and Fairfax County are currently in the process of condemning land and finalizing engineering plans for the U.S. 1 Bus Rapid Transit which will run from Huntington Metro to the Woodbridge VRE. This project was planned North/South not East/West because that is the natural community of interest.

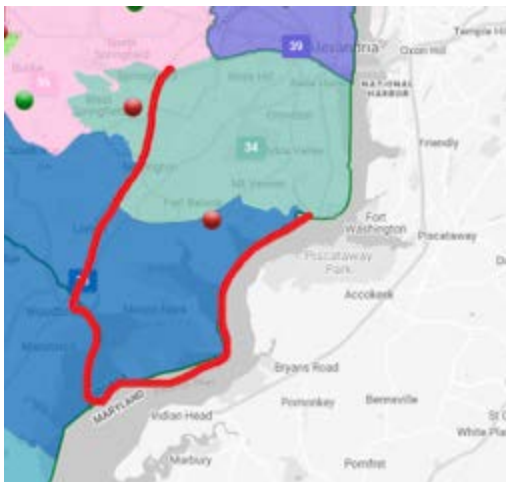


The only people who see Springfield belonging in the same community with Mt. Vernon are the Special Masters of this Redistricting. The special masters state in their memo that travel arteries were important to communities of interest. The Route 1 corridor is such an interest: “We also were mindful of the Commonwealth’s major metropolitan areas and the travel arteries that feed them: Northern Virginia,...” Those of us living here identify as a community with residents of the other side of VA 235 and down the length of Rt 1 into the Lorton area—not with the residents of Springfield.

When VDOT and Fairfax County planned out the project, the project is based around the U.S. 1 Corridor in Mt. Vernon which is the anchor of the community of interest. Here is how it was analyzed showing proposed bus transit stations and here is how the proposed CD8/SD34 boundary ignores our natural community of interest and divides it right in half:



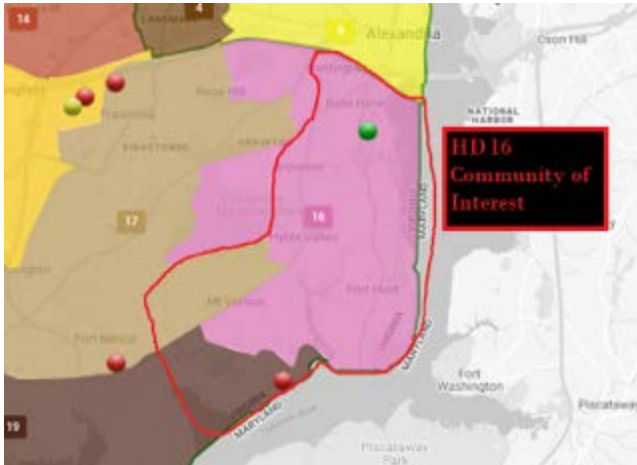
The natural community of interest and most of our existing community structures are built up around Mt Vernon as a distinct historical and administrative entity. Any proposed revisions should respect existing local boundaries and anchor the newly numbered SD34 in Mt. Vernon and Lee (Franconia) communities and use I-95 as the boundary and look like this:



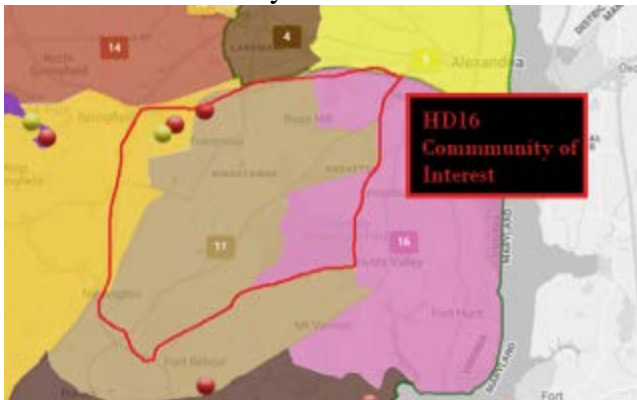
It might look like a lot of land to the south, but the military base has a lot of open land and Mason Neck is zoned for very low density so it is about the same population as the densely populated part of Springfield that is currently included in the proposal. The new SD33 to the south should extend further up the west side of I-95 where it has more in common with the citizens, high schools and political districts on the West side of I-95. This makes much more sense.

Likewise, the newly numbered HD16 and HD17 seem to have zero relationship to the actual communities in the area. They should follow our roads/community lines and take account of the obstruction created by largest park in Fairfax County (Huntley Meadows) as a natural

boundary:



Here is what HD17 should use I-95 as the western boundary, Fort Belvoir as the boundary to the south and Huntley Meadows to the east and should look like this:



The newly created HD19 should take up the remaining territory to the south and HD18 adjusted accordingly.

These changes will keep the Eastern part of Fairfax County as one consolidated community of interest and "nest" the delegate districts mostly within one senate district as was given as an objective in the redistricting effort.

The currently proposed dividing line cuts through the heart of an established and well-defined existing community. I strongly urge the redistricting masters to reconsider and redraw the boundaries as suggested above to protect the interests and cohesiveness of our community.

Thank you for considering this.

Arina van Breda
7821 Southdown Rd
Alexandria, VA 22308

Elizabeth Ketz-Robinson
Donald W. Robinson
7823 Southdown Road
Alexandria VA 22308

David Reese
Jane S Reese
824 Arcturus on the Potomac
Alexandria VA 22308

Kenneth S. Rholi
Paula Neumann
1134 Cameron Rd
Alexandria VA 22308

Elizabeth Woodruff
7952 Bolling Rd
Alexandria VA 22308

Adriana van Breda
John C. Ring
8809 Anne Tucker Lane
Alexandria VA 22309

From: [CRBROWN](#)
To: [Redistricting](#)
Subject: Proposed maps unfair to PWC Republicans
Date: Tuesday, December 14, 2021 3:52:14 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Although we're excited to have proposed maps, as they are currently drawn, we would **lose Rep. Wittman**, leaving Prince William County with no Republican representation in the Congress. The current proposed maps also do not present a district that would provide a fair contest for Republicans

Sent from my iPhone

From: delighteddiva@verizon.net
To: [Redistricting](#)
Subject: making a way for both parties to be represented equitably is imperative
Date: Tuesday, December 14, 2021 4:05:51 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

To whom it may concern,

The easiest way to make the district more competitive/equitable is to recommend that the three Fairfax County precincts be removed from the 7th and replaced with the three northernmost precincts in Spotsylvania County (Riverbend, Elys Ford, and Wilderness School). The other recommended change would be to encourage the Supreme Court to simply use the originally agreed upon House Map "C1".

Tracy Comer
Manassas Va

From: [Polaski, Donald](#)
To: [Redistricting](#)
Subject: Comments on Redistricting
Date: Tuesday, December 14, 2021 4:18:29 PM
Attachments: [Henrico Plan.xlsx](#)

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

To Whom It May Concern:

My name is Don Polaski and I have served as a volunteer canvasser for the last several elections in Henrico County, working for candidates of the Democratic Party. I live in Richmond City. While I have political interests, I have tried to make these comments simply about the shape of the House of Delegates districts in Henrico with observations drawn from miles and miles of walking through western Henrico neighborhoods.

My largest concern about the proposed map is the "bite" of Henrico County taken by District 59. District 59 unites this section of Henrico with large sections of Hanover and Louisa counties. I do not see a clear community of interest between western Hanover, eastern Louisa, and the residents of the part of Henrico proposed to join the 59th.

Many of the neighborhoods share various matters in common with each other: house setback from streets, distance between houses, and size of lots. As a canvasser I tend to notice these matters. As one moves toward the border with Hanover, lots become larger and houses are spaced further apart. Townhome developments become fewer.

I believe using I-295 as a boundary would help better reflect common interests of the citizens of Henrico. It would also follow the pattern of using major thoroughfares seen, for example, in the use of Broad Street as the northern boundary of the proposed 58th district. I have avoided disturbing the 58th district as proposed.

I suggest, moving from east to west, that the southern boundary of district 59 run along I-295 from I-95 to Nuckols Road, north on Nuckols to Twin Hickory, west on Twin Hickory to Pouncey Tract (271), and north on Pouncey Tract (271) to the Goochland border. There may be a more elegant way to draw the western end of this border, but I wanted to keep all my alterations in Henrico, since I have never canvassed in Goochland, where other population shifts could occur.

I have assigned the territory lost by district 59 to districts 57 and 80 and made adjustments in order to reach proper population markers. District 57 would receive a portion of Glen Allen precinct and the entirety of the Staples Mill precinct from the 59th. Because of the population

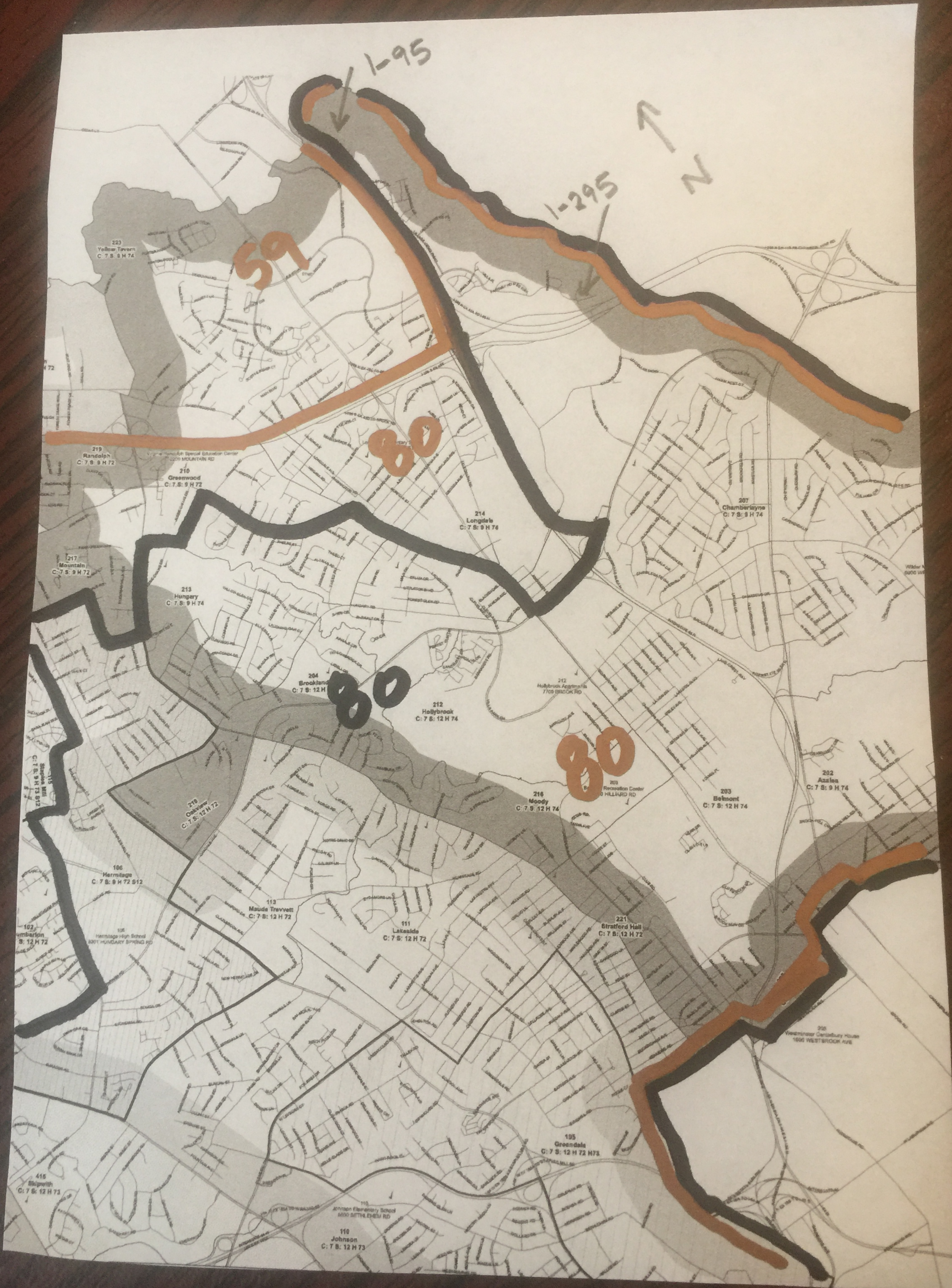
District 80 gains from District 59, it gives the Dumbarton precinct to the 57th. This creates a sharp north-south boundary between 57 and 80 along the railroad, which then follows the less elegant precinct boundaries before reaching Broad Street.

I am attaching a spread sheet detailing the population transfers. Some of these figures are estimates since I have to grade papers right now instead of learning census software. Since I am also not possessed of knowledge of mapping programs, I'm attaching photos of maps that shows the boundaries. The Masters' boundaries are in black, mine are in bronze.

Cordially,

Don Polaski
1313 Brookland Parkway
Richmond VA 23227
804.938.1789

HoD 57			85261
Add	Glen Allen south of I-295	census	2232
	Staples Mill	census	5116
	Dumbarton	census	6708
Minus	River's Edge	census	-5487
	Shady Grove	census	-5070
	Sadler	census	-3481
Result			85279
HoD 59			85992
Add	River's Edge	census	5487
	Shady Grove	census	5070
	Sadler	census	3481
Minus	Glen Allen south of I-295	census	-2232
	Staples Mill	census	-5116
	Mountain	census	-1384
	Randolph	census	-409
	Hunton south of I-295	est	-400
	Longdale	census	-2509
	Greenwood, portion	est	-1200
	Yelllow Tavern, portion	est	-120
Result			86660
HoD 80			85889
Add	Mountain	census	1384
	Randolph	census	409
	Hunton south of I-295	est	400
	Longdale	census	2509
	Greenwood, portion	est	1200
	Yelllow Tavern, portion	est	120
Minus	Dumbarton	census	-6708
Result			85203



(Smiles Mu)

1-295

57

57

217
Mountain
78 8 11 73

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COUNTY OF HENRICO
THREE CHOPT
MAGISTERIAL DISTRICT

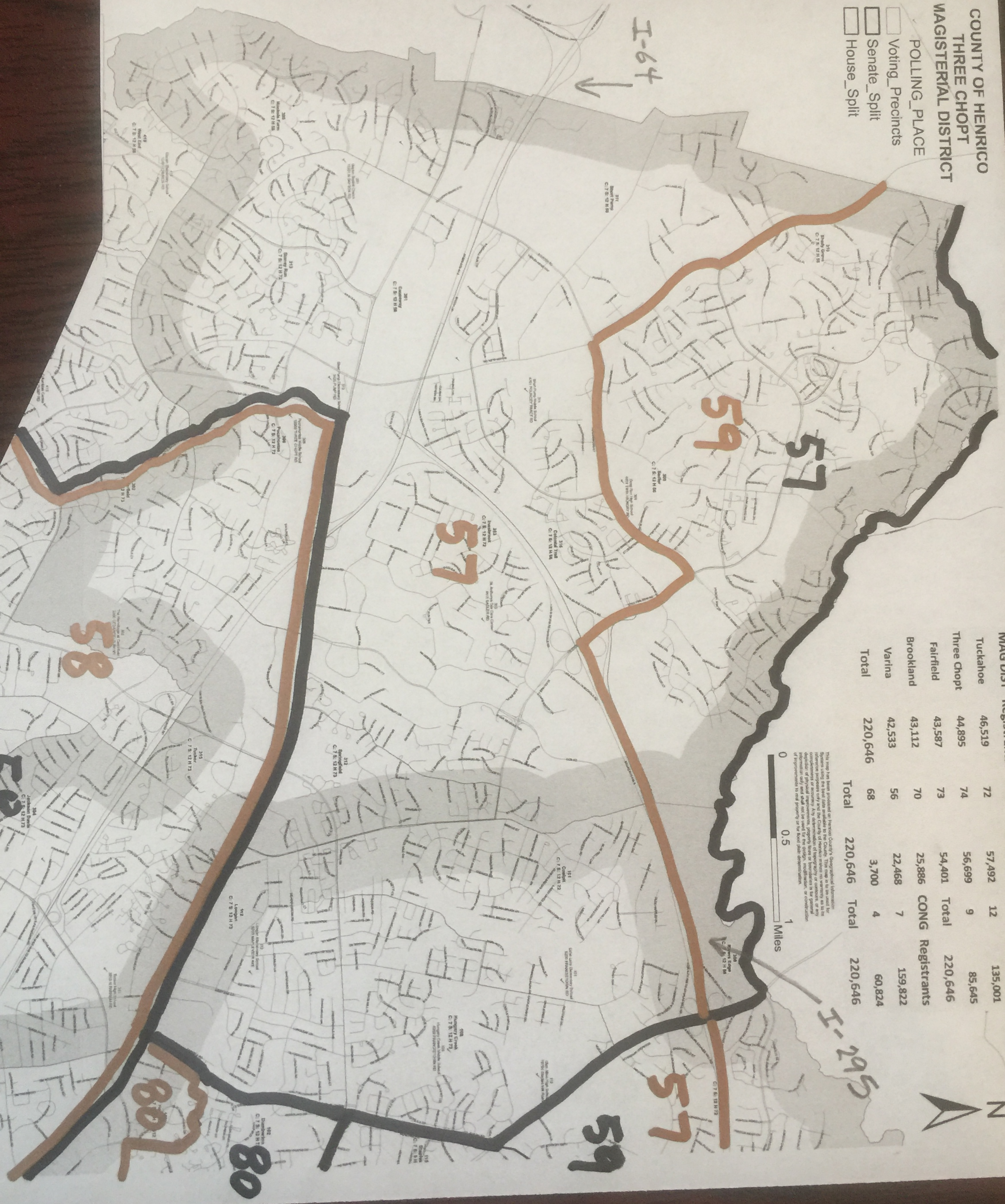
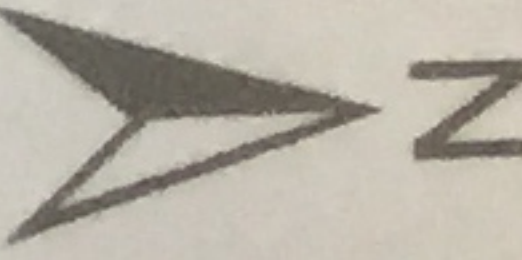
POLLING_PLACE

- ☐ Voting_Precincts
- ☐ Senate_Split
- ☐ House_Split

MAG DIST	Registrants	HSE	Registrants	SEN	Registrants
Tuckahoe	46,519	72	57,492	12	135,001
Three Chopt	44,895	74	56,699	9	85,645
Fairfield	43,587	73	54,401	Total	220,646
Brookland	43,112	70	25,886	CONG	Registrants
Varina	42,533	56	22,468	7	159,822
Total	220,646	68	3,700	4	60,824
		Total	220,646	Total	220,646

This map has been produced by Henrico County Geographic Information Systems. It is not to be used for any purpose other than that for which it was prepared. The County is not responsible for any errors or omissions, or for any consequences arising from the use of the information contained herein. Any determination of responsibility or liability shall be the responsibility of the user. The County is not responsible for any errors or omissions, or for any consequences arising from the use of the information contained herein. Any determination of responsibility or liability shall be the responsibility of the user.

0 0.5 1 Miles



From: [Dee Spraker](#)
To: [Redistricting](#)
Subject: Redistricting of Prince William county
Date: Tuesday, December 14, 2021 4:25:52 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Your Honor,

Your proposed redistricting map leaves many of residents in our area without a voice. Your proposal “wipes away” our representation. As a resident and a Republican one at that I employ you to redesign your proposal that allows equal opp for representation of the republicans party.

Thank you
Delores Spraker
DUMFRIES, va 22025

[Sent from Yahoo Mail for iPhone](#)

From: [Marc Bosch](#)
To: [Redistricting](#)
Subject: Redistricting - Mt. Vernon area
Date: Tuesday, December 14, 2021 4:42:10 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

I am very much opposed to breaking the Mt. Vernon area and the Mt Vernon Estate area south of Old Mill Road from the overall Mt Vernon area district, and putting it in with the Woodbridge/Lorton/Stafford areas in all 3 districts (House, VA House, and VA Senate). This is a very bad proposal. It ignores the reality of functional, close-knit communities and neighborhoods that currently exist.

We are part of the Alexandria to Mt.Vernon/River Village community - schools, businesses, culture - and should remain part of those districts.

The proposal violates the five redistricting requirements.

We are NOT part of Manassas, Woodbridge, Stafford or even Fredericksburg. Please make adjustments.

Respectfully,
Marc Bosch

From: [Gary Campbell](#)
To: [Redistricting](#)
Subject: Concerned about the Redistricting maps!!!
Date: Tuesday, December 14, 2021 4:42:58 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Ladies & Gentlemen of the Court,

My family and I are extremely concerned about the new redistricting maps.

The best way to make the district more competitive is that the three Fairfax County precincts be removed from the 7th and replaced with the three northernmost precincts in Spotsylvania County (Riverbend, Elys Ford, and Wilderness School). The other change would be to simply use the originally agreed upon House Map "C1".

We look forward to your reply.

Gary Campbell & Family
Prince William County, VA

From: [Odile Bosch](#)
To: [Redistricting](#)
Subject: Redistricting - Mount Vernon Area
Date: Tuesday, December 14, 2021 4:46:55 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

I am very much opposed to breaking the Mt. Vernon area and the Mt Vernon Estate area south of Old Mill Road from the overall Mt Vernon area district, and putting it in with the Woodbridge/Lorton/Stafford areas in all 3 districts (House, VA House, and VA Senate). This is a very bad proposal. It ignores the reality of functional, close-knit communities and neighborhoods that currently exist.

We are part of the Alexandria to Mt.Vernon/River Village community - schools, businesses, culture - and should remain part of those districts.
The proposal violates the five redistricting requirements.

We are NOT part of Manasas, Woodbridge, Stafford or even Fredericksburg. Please make adjustments.

Respectfully,

Odile Bosch

12/15/21

Good afternoon my name is Jose Feliciano and I am a resident of Spotsylvania County. 1st of all, I would like to thank you for all the hard work you are doing. I know all too well the good the bad and the ugly of redistricting. I would also like to apologize, to you because you are undertaking what myself and the rest of the Virginia Redistricting Commission were supposed to do. Unfortunately, we failed at our task, and now it falls upon you to ensure fair maps for the people of Virginia. I am not speaking to you today as a member of the redistricting commission but rather as a resident of Spotsylvania County. After looking over the three proposed maps I have issues many issues, but I will stick to Spotsylvania County because that affects my neighbors and myself. In all three maps Spotsylvania County is divided into sections. Spotsylvania county is a community of interest so Spotsylvania should not be divided up. More so Spotsylvania county has nothing in common with Northern Virginia, Spotsylvania county is not Northern Virginia we do not claim to be Northern Virginia and we do not want to be part of Northern Virginia. The division of Spotsylvania county will dilute the vote of the residents of the county. Not only that but it will disenfranchise voters in the northern section of Spotsylvania county. In the US Congressional map, the northern section of Spotsylvania county is placed in the new 7th district. No part of Spotsylvania county should be in the 7th new! The new 7th district should not go below the Rappahannock river or west of I 95. That section of Spotsylvania county should be placed in the new 10th District. In the State Senate map almost the same section as northern Spotsylvania county is placed in the 27 district, with the City of Fredericksburg and Stafford County. Again, this section of Spotsylvania county should not be separated from the rest of County. As stated, before that will disenfranchise voters in that section, we have nothing in common with either the City of Fredericksburg or Stafford County. The northern section of Spotsylvania county should be in the 28th district. I would hope that you would see that Spotsylvania county is a community of interest completely different from the City of Fredericksburg and Northern Virginia. The I urge you; I implore you to reconsider the partitioning of Spotsylvania county. At a minimum please place the northern section of Spotsylvania county into the 10th. Congressional District, and the 28th State Senate district. Thank you very much.

Jose Feliciano

From: [Tory Gussman](#)
To: [Redistricting](#)
Subject: Comment on Redistricting 69th District
Date: Tuesday, December 14, 2021 4:56:48 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

The City of Williamsburg should be included in the 69th District where it shares a significantly greater community of interest. Extending a portion of the 69th District across the York River into Gloucester is clearly an aberration and should not even be proposed let alone approved.

I have lived in Gloucester County, worked in the City of Williamsburg and in James City County where I was a city planner for many years. I now live in upper James City County and am familiar with all these areas.

Victoria Gussman

From: [John S. Perry](#)
To: [Redistricting](#)
Subject: Mt. Vernon Redistricting
Date: Tuesday, December 14, 2021 5:12:01 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

I understand that current redistricting proposals dismember the area that we know as "Mount Vernon" and lump it with distant and strongly dissimilar areas such as Quantico, Manassas and Fredericksburg. This proposal lumps together the divergent interests of the areas affected, and more significantly the historic role of the current Mt. Vernon district. As currently defined, the Mr. Vernon district is centered on our first President's estate, and includes most of his extensive properties in the area, some of which extend a considerable distance northward of his home estate. Thus, the linkages of the present district with George Washington and Mr. Vernon are strong. The area between the present estate and Alexandria' southern boundary was frequently traversed by Washington, his colleagues and distinguished visitors, and comprises a historically significant unified national asset. Moreover, it is at present an increasingly unified area. Until quite recently, a "Mount Vernon" high school served most of the area, innumerable entities proudly carry the "Mount Vernon" name, and most of its inhabitants think of themselves as "Mount Vernon" citizens. Thus, I believe that the case for preserving the integrity of the current district boundaries is exceedingly strong. The dismemberment of the district as currently envisaged seems to reflect ignorance of both history and reality. We Mount Vernon residents treasure our identity and connection to our country's first President, and strongly oppose actions that threaten those values.

John S. Perry, PhD (Colonel, USAF Retired)

6205 Tally Ho Lane, Alexandria VA 22307
Tel: 703-329-1646; Mobile: 571-212-4684
Email: johnperry@cox.net

From: [Joe Duffus](#)
To: [Redistricting](#)
Subject: Modification of the new 7th Congressional District
Date: Tuesday, December 14, 2021 5:17:20 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

To the Court:

The new 7th District does not reflect the community interests of Prince William County as drawn. It is an improvement to have a district that is more contiguous, but I believe that it would be politically more fair if the Fairfax precincts were replaced by the three northern precincts of Spotsylvania County instead - Riverbend, Elys Ford, and Wilderness School. This would better balance the party registrations of the new 7th and give Republicans a fighting chance. In terms of commonality, the fast-growing areas of northern Spotsylvania are closer in common interest to Prince William County than they are to Fairfax anyway. Please consider this alteration as a more equitable way to draw this district..

Joe Duffus
JoeDuffus@outlook.com
Mobile: [\(703\) 609-3420](tel:(703)609-3420)

From: [Katherine White](#)
To: [Redistricting](#)
Subject: Map exclude the diverse candidates elected in 2018 and 2020
Date: Tuesday, December 14, 2021 5:18:52 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Dear Redistricting Committee Members - Judges - Concerned Parties,
I am very concerned that the new maps drawn will wipe out the progress women have made in Virginia. The Commonwealth was proud to elect 3 women to Congress these past few years. The maps put all three women in districts where it will be beyond difficult to get elected. Two of the candidates were drawn OUTSIDE of their home districts! It seems by disconnecting them from their neighborhoods and the communities where they served proudly, these Congresswomen will now be left on the losing side of the maps. District 10 includes Loudoun County that has gone mainly democratic now and deserves to have representation that celebrates diversity, inclusion, and believes in women's equality. Citizens should not be ruled by a minority voice in such a large population that desires leadership that reflects their values.

We hope you take a hard look at the map lines again, especially in District 2 and 10.

Thank you,
Katherine White
Annandale citizen

12/14/2021

Muriel-Theresa Pitney
Clerk of Court
Supreme Court of Virginia
100 North Ninth Street
Richmond, Virginia 23219

RE: Rules and Procedures for Implementing the Requirements of Article II, Section 6-A

To Whom It May Concern,

Pursuant to Rule 4(a) of the Rules and Procedures for Implementing the Requirements of Article II Section 6-A of the Constitution of Virginia, I am submitting the following comments and suggestions regarding redistricting for the Virginia House of Delegates.

The draft maps preserve the unity of Columbia Pike, a vibrant, multicultural community of interest that is currently being featured in a special exhibit at the Library of Virginia (<https://www.lva.virginia.gov/news/calendar/?event=481>). Notably, the draft map does not split the large and growing Latino population of Arlington that concentrates along the Pike. This is one of the most heavily concentrated Latino districts in the Commonwealth.

Virginia's Latino community has very little direct representation in the House of Delegates or in the State Senate. While there are many dedicated legislators committed to advancing the interests of all Virginians, including Latinos, the Latino community has particular needs linked to cultural, ethnic, linguistic, social, and immigration needs that distinguish it in special ways from other constituencies. These needs are best understood by those with direct lived experience and understanding. Any final version of the redistricting process must take those needs and concerns into consideration or risk accidentally creating circumstances where the Virginia Latino population – which now numbers over 850,000 – will not fully realize the promise of equal representation.

Virginia's Latino community has faced significant disparities in access to COVID-19 information and care during the pandemic, further highlighting the need to elect leaders from communities who can effectively serve under the worst and the best circumstances of public life.

I address this letter in my dual capacity as Chairman of the Virginia Latino Advisory Board (www.vlab.virginia.gov) and the Chairman of the Redistricting Advisory Committee (<https://www.fairfaxcounty.gov/redistricting/2021-redistricting-advisory-committee>) of Fairfax County, home to more Latinos than any other part of the Commonwealth. Thank you for the opportunity to provide these comments.

In service,

A handwritten signature in black ink, appearing to read "Paul Berry". The signature is fluid and cursive, with the first name "Paul" and last name "Berry" clearly distinguishable.

Paul Berry

From: [Paula](#)
To: [Redistricting](#)
Subject: Redistricting of District 2
Date: Tuesday, December 14, 2021 5:45:11 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

I am concerned about the potential for losing Elaine Luria as my Congresswoman first and foremost. That being said I am curious how it happens that the redistricting strategically affects 3 women and their positions in office and seems, yet again, favor male politicians. By choice or by accident this is very unfair to women voters. So, I am opposed to the changes as given especially where the second district is concerned. Paula Nees

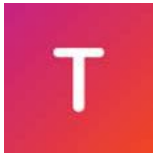
From: [Richard H Schumacher](#)
To: [Redistricting](#)
Subject: Mt. Vernon Redistricting Proposal
Date: Tuesday, December 14, 2021 5:48:35 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Hello:

It is our understanding that you have agreed to a redistricting proposal that will move the Mt. Vernon Estate and much of the Mt. Vernon Civic association community to other districts. I am including the following analysis of the situation by Tom Russell who is the President of the Mt. Vernon Civic Association. We agree with his assessment and object to the redistricting plan as formulated. His analysis is as follows:



Tom Russell [Mount Vernon Union Farm](#) • 4 hr ago

The Supreme Court of Virginia proposes the removal of George Washington's Estate and the 900 plus homes in Mount Vernon Civic Association Community from the Mount Vernon District and our now being combined with voters for Congressional, Virginia Senate and Delegate candidates in Woodbridge, Manassas, and in the Prince William and Stafford Counties. Below is the testimony I submitted opposing these changes. At the end of this post is a link you can use to submit your concerns. Tom Russell, MVCA Moving George Washington's Mount Vernon Estate and the Mount Vernon Civic Association from Senate District #34 and putting it in Senate District #33 with Woodbridge and Manassas violates five redistricting requirements: we are split from our contiguous community, does not respect our natural boundaries, denies our participation with our larger community of interest in District #34, removes us from an existing compact district and fails the equity test - many minority students from #34 are taught in our community where we have historically provided Food for Thought packets for those students in greatest need and we raise funds for our community food banks among our Association Members to support the families in need along the Rt 1 corridor. Moving George Washington's Mount Vernon Estate and the Mount Vernon Civic Association from Delegate District #16 and putting it in Delegate District #19 with Lorton, Gunston, and Woodbridge violates five redistricting requirements: we are split from our contiguous community, does not respect our natural boundaries, denies our participation with our larger community of interest in District #16, removes us from an existing compact district and fails the equity test - many minority students from #16 are taught in our community where we have historically provided Food for Thought packets for those students in greatest need and we raise funds for our community food banks among our Association Members to support the families in need along the Rt 1 corridor. Moving George Washington's Mount Vernon Estate and the Mount Vernon Civic

Association from Congressional District #8 and putting it in Congressional District #7 with Prince William and Stafford Counties violates five redistricting requirements: we are split from our contiguous community, does not respect our natural boundaries, denies our participation with our larger community of interest in District #8, removes us from an existing compact district and fails the equity test - many minority students from #8 are taught in our community where we have historically provided Food for Thought packets for those students in greatest need and we raise funds for our community food banks among our Association Members to support the families in need along the Rt 1 corridor. Link: https://www.vacourts.gov/courts/scv/districting/maps_special_masters.pdf?emci=5059a782-fc58-ec11-94f6-0050f2e65e9b&emdi=7f2c7b31-1159-ec11-94f6-0050f2e65e9b&ceid=1917334

Mt. Vernon is a community. We are neighbors. Please do not break us up. We have absolutely nothing in common with Woodbridge, Manassas, Lorton, Gunston, etc. This is a disappointing, purely political manipulation.

Respectfully,

Richard H. and Susan J. Schumacher
4320 Ferry Landing Road
Alexandria, VA 22309

From: [Sue Myers](#)
To: [Redistricting](#)
Subject: Prince William County redistricting map
Date: Tuesday, December 14, 2021 5:57:31 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

I am writing this to you regarding the lack of fair representation in my district where I love being represented by Mr Whittman. I feel the new lines leave the resulting district as a democratic strong hold not a competitive race. I already have no republican representation for the state now you take away a competitive district to make it another strong democratic win. I voted for redistricting to be done by a commission of both parties now I learn that the children can't do what the voters want. I find that unacceptable. I highly recommend that you not give this new district a 14 point lean to the left. This is unacceptable also.

Please do not fail to live up to our American values by delivering unfair advantages to one or the other party.

Sincerely
Sue Myers

From: [Deborah Daily](#)
To: [Redistricting](#)
Subject: Redistributing
Date: Tuesday, December 14, 2021 6:11:20 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

The new maps put Williamsburg in the 71st District, which runs all the way to Providence Forge. Williamsburg has always been part of Hampton Roads. This puts Williamsburg with other communities that extend up into the Richmond area instead of keeping it with other Hampton Roads communities. We should remain in the 69th district.

Debbie Daily
Williamsburg Va.

From: [Barnard, Jayne W](#)
To: [Redistricting](#)
Subject: 71 / 69
Date: Tuesday, December 14, 2021 6:23:55 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

I have just looked at the proposed map. I'm in the proposed 71st. It is a strange district — I lived in New Kent County for 25 years and it has no real connection with Williamsburg. Different school division; different library system; shopping focus on Providence Forge or Quinton, not Williamsburg; different judicial districts; completely different educational levels. Big outings take place in Richmond, departures head out from the airport in Richmond. Charles City County is even more remote. They are so dissimilar from where I live in Williamsburg. Lumping New Kent, Charles City, and the City of Williamsburg makes no sense.

My corner of Williamsburg should be with the rest of “cosmopolitan” James City County. Same school division, combined library system, shopping focus on Williamsburg, JCC and “down peninsula.” Common judicial district, more commonality of income levels and education. Even the churches are different here — Williamsburg has a temple, a Greek Orthodox Church, etc. And many, many ethnic restaurants. That's not New Kent or Charles City, I can guarantee you.

Why has Williamsburg been shoved into a district to which it does not belong? (For that matter, why has the 69th crossed the York to Gloucester, with which it has nothing in common?). If these maps are supposed to represent “communities of interest,” then Williamsburg and JCC should be oriented toward NN and its several colleges and universities (and its blistering growth rate) not toward rural New Kent or Charles City County.

Sent from my iPad

From: [Barbara O'Brien](#)
To: [Redistricting](#)
Subject: My Vernon District
Date: Tuesday, December 14, 2021 6:55:26 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

We who live in the Mt Vernon District reside in one of the most historic and oldest part of Fairfax County. We are a community and need to remain that way. Most of Mt Vernon residents live on one of the five original farms of George Washington. Putting us in a district with residents far removed from our area makes no sense. We support local food pantries, contribute to hyperthermia shelters, and our local high schools. It is important that we remain in our current state, house of delegates and Congressional district.

Thank you for attention to this important matter.

Barbara F O'Brien
4200 Pickering place
Alexandria, VA 22309
Mt Vernon Magisterial District
Sent from my iPhone

From: cbwyatt824@gmail.com
To: [Redistricting](#)
Subject: Public comments about redistricting
Date: Tuesday, December 14, 2021 6:57:10 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Please accept the following comments of concern regarding redistricting:

- I do not believe the communities of Augusta County, Staunton, and Waynesboro should be split. We have a long history of cooperation through city and county partnerships and organizations. I do not believe the proposed senate district keeps our community with similar communities of interest.
- Too many districts would face losing representative institutional wisdom all at once and would jeopardize good governance.

Thanks for consideration.
Charles B Wyatt
cbwyatt824@gmail.com

Sent from my iPhone

From: [Larry J. Zaragoza](#)
To: [Redistricting](#)
Subject: Redistricting
Date: Tuesday, December 14, 2021 6:57:51 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

This map would split the Mount Vernon Community and while I appreciate the need for redistricting, I do not see a reason to make this split because it adds the Rose Hill area and excludes our longtime neighbors to the south. This map would be inconsistent with school districts, community organizations and the historic property of our first president, George Washington. Preserving alignment with existing boundaries helps to maintain a sense of community.

Moreover, in this age of never ending spam calls, I am disappointed that your system requires a phone number to post comments on the map (an address and email is not enough). I fear that any information provided will be available for unsolicited marketing, which is a disincentive to post comments on the map.

Finally, the maps would benefit from explanation and providing only 5 days for comment almost ensures that the voices of many concerned citizens will not be heard.

I appreciate that this is a difficult job but this map does not make sense to me.

Larry Zaragoza

From: [Vicki Metcalf](#)
To: [Redistricting](#)
Subject: Comment on proposed maps
Date: Tuesday, December 14, 2021 6:58:20 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Thank you very much for your hard work on the redistricting maps. Overall, they seem very good and fair. But there is one point that I would like to see changed. It doesn't make sense to me to divide Albemarle County and Charlottesville into two Congressional districts. We have a community of interests and I would like to see Albemarle and Charlottesville kept together. I also think we should be moved out of the 5th District, since our interests are very different from the southern part of the state.

Sincerely,
Victoria Metcalf
127 Birdwood Court
Charlottesville, VA 22903

From: [Betty Hudson](#)
To: [Redistricting](#)
Subject: District 69 and 71
Date: Tuesday, December 14, 2021 7:18:23 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Williamsburg should be part of James City County, not Gloucester. Williamsburg and JCC rely on the same services, schools, hospitals, etc. Gloucester is a totally different population and is not even adjacent to the city of Williamsburg.

--

Rev. Betty Hudson
120 John Bratton
Williamsburg, VA 23185
Rev.BettyHudson@gmail.com

From: [R. McCarter](#)
To: [Redistricting](#)
Subject: Redistricting
Date: Tuesday, December 14, 2021 7:20:29 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

There is no reason to redistrict moving Mason Neck and Lorton out of its current district #8. We belong where we are. I have lived here for almost 39 years now. This area is strong and works together with the Mt. Vernon communities which make an impressive district. There are no similarities between our area and Prince William County/Woodbridge just south of us. If I wanted to be a part of that area, I would be living there. The natural boundary is dividing point of the river/bay.

Please convene a new committee to review any redistricting along with public comment considered and not as an afterthought.


From: rhagen12@verizon.net
To: [Redistricting](#)
Cc: rhagen12@verizon.net
Date: Tuesday, December 14, 2021 8:06:34 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

My name is Richard Hagen, I am a resident of Virginia Beach. I want to begin by thanking the Special Masters for an excellent job. I so hope that the maps are accepted with only minor changes. It is especially important to NOT consider where incumbents live or political party. As we all know in the past the number 1 criteria was incumbency and party lines. I was glad to hear that a lot of incumbents from both parties were drawn into different districts. Please continue to follow this criteria (or lack of criteria) of not even considering political party lines as stated in the Master's Memorandum

"Incumbency: The Statutory Criteria make no mention of protecting incumbents. We therefore maintained ignorance about the residences of incumbents. Even as we submit these plans to the Court, we do not know which incumbents have been placed in districts with other incumbents, with one exception described below. We plan on maintaining that ignorance until the maps are finally approved, unless otherwise instructed by the Court"

I thank the Court for being non-partisan and representing the citizens and not the party that appointed them. Looking forward to an early Christmas Present of Fair Maps. 

Richard Hagen

From: [Joyce Ross](#)
To: [Redistricting](#)
Subject: I'm against the redistricting plans for the Mt Vernon Area
Date: Tuesday, December 14, 2021 8:07:39 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

I live in zip code 22308. The plans do not take into account that the Mt Vernon Area is a community. I live on one of the 5 farms of the Mt Vernon estate. Our area is also called the Friends & Family of the Mt Vernon Estate. It also borders the 1st Freed Slave Community Gum Springs. As the new redistricting is planned Mt Vernon Estate will be separated from the rest of Mt Vernon as well as my zip code 22308. From what I understand I will no longer be able to vote along with other families @ our local grammar school where my granddaughter attends which is only 1 1/2 blocks from my home. It is dividing our community up. Please don't do this. It's history is of a really a close knit community of Friends & Family of Mt Vernon.

Thanks,

Joyce Ross
2403 Stirrup Ln
Alexandria, VA 22308
joyce.ross@att.net

Sent from my iPhone

From: [Linda Plaut](#)
To: [Redistricting](#)
Subject: Montgomery County
Date: Tuesday, December 14, 2021 8:32:08 PM

EXTERNAL EMAIL

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I'm concerned that the redistricting plans for the Montgomery County area fail to support communities of interest. Having lived near major universities my whole life, I realize that I have a particular interest in higher education and the powerful sense of community these institutions encourage. To separate Blacksburg, Christiansburg, and Radford will undermine the special contributions our communities have made to the state through the years. Please re-unite us!

—Linda Plaut
Blacksburg, VA

From: [Herbert Loveless](#)
To: [Redistricting](#)
Subject: Statement on Redistricting of Congressional Districts
Date: Tuesday, December 14, 2021 8:46:11 PM

EXTERNAL EMAIL

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I used to live in Short Pump in Henrico Co. and now live in Chesterfield Co. Both areas are suburbs of Richmond. They have similar characteristics and similar problems such as traffic, public education, income distribution and types of employment. Both should be included in the same Congressional District.

Herbert Loveless



PO Box 2692 Virginia Beach, VA 23450

December 15, 2021

Muriel-Theresa Pitney
Clerk of Court
Supreme Court of Virginia
100 North Ninth Street, 5th Floor
Richmond, Virginia 23219-1315

Dear Madame Clerk:

My name is Ronald Taylor, and I am the current President of the Hampton Roads Black Caucus. I write on behalf of our membership to comment on the state legislative maps proposed by the Supreme Court's special masters on December 8, 2021. We believe that these maps, if adopted in their current form, would represent a step backwards for Black representation in the Commonwealth of Virginia, which has already declined in recent elections after previous rounds of court-ordered redistricting. In the interest of offering constructive criticism rather than empty complaints, we have included with this letter proposed maps that do a better job of meeting our representational goals (see attached).

First, some recent history might be in order. In the 2011 redistricting cycle, Virginia's Third Congressional District was drawn to include a Black voting-age population (BVAP) of 56.3%; after court-ordered redistricting in 2016, the Third District's BVAP was deliberately dropped to 47.27% with the portions of the district containing the heavily Black cities of Richmond and Petersburg reallocated to the adjacent Fourth District (which increased to BVAP 39.68%, still well short of a majority). In other words, a congressional map that originally featured one Black-majority district after legislative redistricting became a map with *zero* Black-majority districts after the federal court intervened. Thankfully, this has not affected Virginia's Black representation in the U.S. Congress where Congressmen Bobby Scott and Donald McEachin still proudly serve. Nonetheless, we provide our map that shows it is eminently possible to have a majority black Congressional district in the Commonwealth. Representative Scott is 75 years old, and while we'd be really happy if he remained in Congress for many years to come, we know the reality is that someone other than Representative Scott may very well serve the people of that district during this coming decade. Without him seeking that seat, we have serious doubts about whether his district as configured would still elect a Black member.

Unfortunately, court-ordered redistricting had a more deleterious effect in the General Assembly. The General Assembly in 2011 adopted a redistricting plan featuring twelve Black majority House of Delegates districts, a portion that came remarkably close to matching the proportion of Virginia's population that is Black. After years of litigation, however, those twelve districts—all of which featured BVAPs over 50%—were ordered redrawn by the same federal court that previously ordered a redo of the

congressional map. Under a plan developed by one of the same special masters this Court is using now, BVAP was deliberately lowered in each of the challenged districts—districts originally drawn with a BVAP high enough to preserve the ability of the Black communities in each to elect their favored representatives. What was publicized as an effort to *help* the Black community only made it harder to elect Black representatives.

At the time, “experts” reassured us districts didn’t need a BVAP over 50% to elect Black representatives. Any Black person who grew up in the American South could have told you that was a laughable claim then, but it is no laughing matter anymore. The 2019 redistricting plan designed by special master Dr. Bernard Grofman has had a predictable effect: Black delegates have lost elections in districts that were deliberately made less Black.

In the most recent state elections, four Black Members of the House of Delegates were defeated in their campaigns for reelection, three of them in districts that were redrawn in 2019. In this most recent election, four incumbent Black legislators, comprising nearly a quarter of the Black Caucus in the House, were defeated for reelection. Two of those legislators were in districts that the federal court specifically asserted would retain Black representatives, writing, “Based on the data in the record, we further conclude that black voters in Districts 63 and 75 will continue to have a reasonable opportunity to elect candidates of their choice.” The Black legislators representing Districts 63 and 75 lost reelection in November. Is this what progress looks like?

It should be clear by now that the state of Black representation in Virginia in 2021 is not good, but the special masters’ maps would make the problem even worse. Currently, only five State Senate districts are home to voting-age populations that are more than 50% Black. Perhaps unsurprisingly, four of these five districts align almost perfectly with the four represented by Black Senators (District 16 is the only Black-majority district represented by a white Senator). The connection is clear for anyone willing to see it: Black candidates have a better chance of getting elected in Black-majority districts, thereby enabling them to better represent the interests of Black communities in the state legislature. The pathway to greater Black representation is through the creation of more Black-majority districts.

The special masters’ proposed State Senate map, however, takes us backwards. It only has two Black-majority districts, Districts 13 and 23. That’s right—two out of forty, a mere 5%, in a state that is nearly 19% Black according to the 2020 Census.¹ It is entirely possible that if the special masters’ map is adopted by this Court, there would be no Black members left representing residents of this Commonwealth in the Virginia State Senate. Back when Section 5 of the Voting Rights Act was still enforced, a plan like this would have been illegal; now, it is merely disrespectful. We have fought so hard for a seat at the table, and this plan would callously show us the door.

The special masters’ proposed House of Delegates map fares no better. It features only *five* Black-majority districts out of 100, matching the proposed Senate map’s embarrassing 5%. The congressional map might be the worst of all, preserving the current post-redistricting status quo of *zero* Black-majority districts. So, to reiterate, under the 2011 legislative maps, there existed twelve Black-majority House of Delegates districts, five State Senate districts, and one Congressional district for a total of eighteen. After successive rounds of court-ordered redistricting and the special masters’ newest

¹U.S. Census Bureau, *Virginia Adds More Than 600,000 People Since 2010*, (Aug. 25, 2021), [https://www.census.gov/library/stories/state-by-state/virginia-population-change-between-census-decade.html#:~:text=Population%20\(up%207.4%25%20to%20331.4,or%20More%20Races%2010.2%25\)](https://www.census.gov/library/stories/state-by-state/virginia-population-change-between-census-decade.html#:~:text=Population%20(up%207.4%25%20to%20331.4,or%20More%20Races%2010.2%25).).

proposal, there would be five Black-majority House of Delegates districts, two State Senate districts, and zero congressional districts for a total of seven. From 18 districts with BVAPs sufficient to elect Black representatives to 7 in only five years!

Our maps actually move the ball *forward* in terms of Black representation. Our Senate map takes the number of Black-majority districts from four to five, none of which have a BVAP higher than 53%. Our House plan restores the same number of Black-majority districts, twelve, that we had after the 2011 redistricting cycle. Our plans demonstrate that it is possible to create up to seventeen Black-majority districts in the General Assembly, matching our previous peak. When better Black representation is possible, I don't know why we should have to settle for less.

The special masters apparently think that "opportunity districts," in which different minority group's aggregate to an outright majority of a district's voting population, are sufficient to protect Black representation. Their map does a pretty good job of creating such districts, but we know from history, both distant and recent, that the best way to protect Black representational gains is to create Black-majority districts. The "opportunity district" experiment of the last decade has only resulted in backsliding. The current abysmal numbers in the General Assembly indicate we need to do *more* in our efforts to create districts where Black voters can elect people who will represent their interests, not less. The special masters' plans seem to see minority groups as interchangeable; we are not. Anyone who has paid the slightest attention to American politics knows that Black voters tend to vote more cohesively than Hispanics or Asians and often for different candidates, and yet these maps treat us as if we're all the same. There is sadly no guarantee that opportunity districts will result in the election of *any* Black representatives. This Court should revise the proposed plans to give Black voters representation commensurate with our voting strength.

To be clear, we are not asking the Court to create "safe" districts where Black voters constitute seventy or eighty percent of voters. We simply ask the Court to create more than five House of Delegates districts, more than two State Senate districts, and *any* congressional districts where Black voters constitute more than 50% of the voting-age population (and ideally with BVAPs even higher than that, given the disappointing results of the most recent election indicate a bare majority is not always enough). We think a good target for the number of Black-majority districts would be 18 across all three maps, the highest number we had previously achieved in a state that has only grown more diverse in the years since.

Thank you for reviewing our proposed maps and taking our concerns seriously.

Sincerely,

Ronald Taylor
Hampton Roads Black Caucus/President

From: [Timothy Cox](#)
To: [Redistricting](#)
Subject: Proposed Redistricting
Date: Tuesday, December 14, 2021 9:08:40 PM

EXTERNAL EMAIL

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To Whom it Concerns:

I disagree with the proposed redistricting. To make the 7th district more competitive, remove the three Fairfax County precincts and replace them with the three northernmost precincts in Spotsylvania County (Riverbend, Elys Ford, and Wilderness School). Or, simply use the originally agreed upon House Map C1.

Thank you for your time.

Sincerely,
Tim

From: [Nicole Medrano](#)
To: [Redistricting](#)
Subject: Oppose Redistricting of Mount Vernon Community
Date: Tuesday, December 14, 2021 9:15:56 PM

EXTERNAL EMAIL

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Dear Special Masters,

My name is Nicole Medrano and I live at 3702 Riverwood Rd., Alexandria, VA 22309. My family and I are longtime residents of Mount Vernon and vehemently oppose the proposed redistricting of the small subset of the Mount Vernon community. This change splits our community in two and disregards the affected neighborhood's inherent interests in our local community. We live on the original Mount Vernon farm, our children go to the Mount Vernon pyramid schools and we support Mount Vernon area businesses. This proposed change makes no sense and must be remedied by redrawing the lines to ensure that Congressional District 8, House of Delegates District 16 and Senate District 34 include the entirety of the Mount Vernon community.

Thank you,

Nicole Medrano

From: [B Lynn Pascoe](#)
To: [Redistricting](#)
Subject: Redistricting - Fairfax County, Mount Vernon District
Date: Tuesday, December 14, 2021 9:50:14 PM

EXTERNAL EMAIL

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In my earlier submission (B. Lynn Pascoe, December 4, 2021) I emphasized the strong community of interest of the people of Mount Vernon District in Fairfax County. For over fifty years, we have fought together to improve the lives of our people along Route 1 (Richmond Highway) as the region rapidly urbanizes, to upgrade our schools and housing, and to develop a better environment and quality of life for our citizens. We have been extremely active as a community, reaching consensus on issues before us and lobbying officials and developers to get results. As I noted before, we probably have one of the more developed “communities of interest” in the state.

We were pleased that the Special Masters recognized this in drawing new suggested state districts that did not lump some of us with Alexandria and therefore weaken our voice in Richmond. We are appalled, however, that the current proposals lop off the southern part of our district to put it in a separate Congressional District. To add insult to injury, our namesake historical anchor -- Mount Vernon -- is now not even proposed to be in our district. As I read the map, the Mount District is the only part of Fairfax County that received this kind of treatment.

To make matters even worse, through the non-mandated “principle: of nesting, districts for state senator (District 34) and the House of Delegates (District 8) are similarly lopped off in the middle of our district, and areas that really have no “community of interest” with Mount Vernon are added in to make the numbers add up. Mount Vernon district is not even named, perhaps hoping no one will notice that it has been chopped up.

Mount Vernon District is a clear “community of interest” that runs from the Beltway (Alexandria City) to the Occoquan River. Congressional and state office district lines can easily be drawn that will preserve this area’s cohesion and give it the political voice it deserves in Washington and Richmond. We ask that the boundary lines be revised to meet the intent of the redistricting law and the interests of the people of Mount Vernon.

From: [Cgibson](#)
To: [Redistricting](#)
Subject: Redistricting
Date: Tuesday, December 14, 2021 10:03:17 PM

EXTERNAL EMAIL

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Please put Williamsburg back into the 69th district. It makes no sense not to include Williamsburg. Also, please take Gloucester out. Parts of Gloucester are over an hour away. Please don't create more confusion and drama. Please make it sensible. Thank You.

Cynthia Gibson
4792 Bristol
Williamsburg, VA 23185

From: [Beth Hoer](#)
To: [Redistricting](#)
Subject: District 69
Date: Tuesday, December 14, 2021 10:43:25 PM

EXTERNAL EMAIL

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Please add Williamsburg and omit Gloucester from District 69. Williamsburg and James City County share services; both localities belong to Peninsula geography. Gloucester does not.

Sent from my iPhone

From: [Chris Le Menestrel](#)
To: [Redistricting](#)
Subject: Written Comment on Congressional Maps - CD-2
Date: Tuesday, December 14, 2021 10:51:19 PM

EXTERNAL EMAIL

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To:
The Honorable Muriel-Theresa Pitney, Clerk
Supreme Court of Virginia
P.O. Box 1315
100 N. Ninth Street
Richmond, VA 23219-1315

While there are many issues with the CD-2 Congressional District in the proposed maps, the problem that stands out the most by far is that the **City of Norfolk, or at least the northern portion of it, should be returned to the Second District map, as it is historically, economically and geographically best connected to that District** - as opposed to the rural areas that were added to CD-2 in the South of it which have no direct connections.

Please respectfully instruct the Special Masters to re-design the proposed odd-shaped CD-2 map so that the **Second District is compact, contiguous, and recognizes communities of interest**, with an equal emphasis on the rights of our Tidewater communities.

Thank you for your consideration and respectfully,

Zoe LeMenestrel
504 Settlement Drive
Williamsburg, VA 23185

From: [Davis, Tom \(WAS - X75486\)](#)
To: [Redistricting](#)
Subject: Fwd: Map
Date: Tuesday, December 14, 2021 11:04:54 PM
Attachments: [image001.png](#)

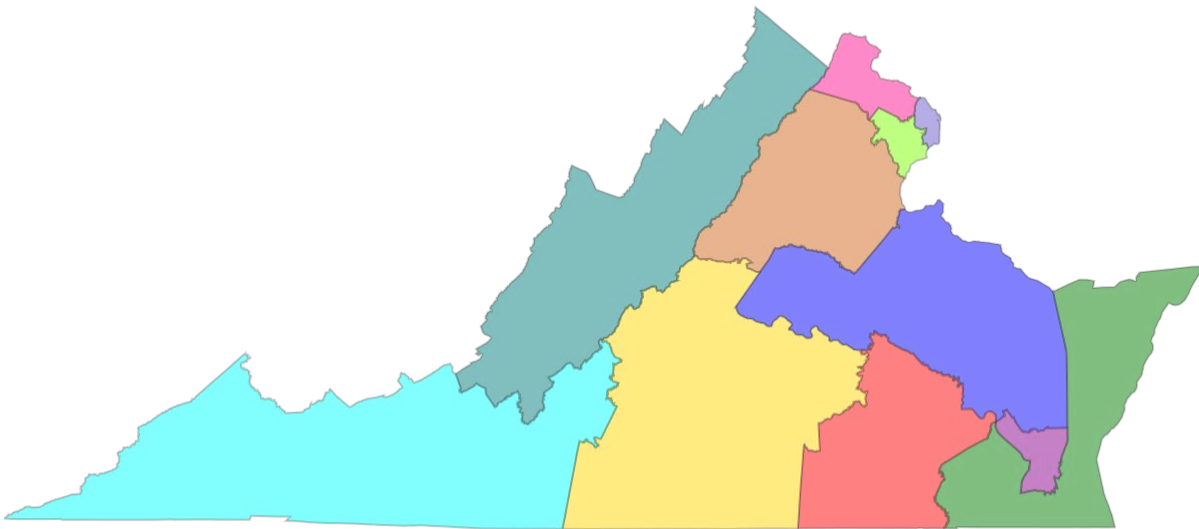
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This is the Map to accompany my submission in the interests of full transparency.

Subject: Re: Map

[External email]



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From: [B W](#)
To: [Redistricting](#)
Subject: Splitting the West Potomac pyramid into 2 senate districts
Date: Wednesday, December 15, 2021 6:02:19 AM

EXTERNAL EMAIL

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While I need to read further into this matter, I need to voice my concern with your plan if it will cause the split of the West Potomac pyramid school district into two separate senate districts. The reason for my concern is that it would likely dilute the advocacy for the school in Richmond, as well as create the potential for conflicting advocacy for the entire school community. If part of the goal of redistricting is to aim for greater equity and advocacy for all in our democracy, then this is not the way to do it. Further thought and effort needs to be given to the entire Mount Vernon area and in particular the area surrounding the West Potomac pyramid school district.

Thank you.
Kirsten Luescher
8007 Karl Road

Sent from my iPad

From: [Carol De Spirito](#)
To: [Redistricting](#)
Subject: Map
Date: Wednesday, December 15, 2021 7:53:16 AM

EXTERNAL EMAIL

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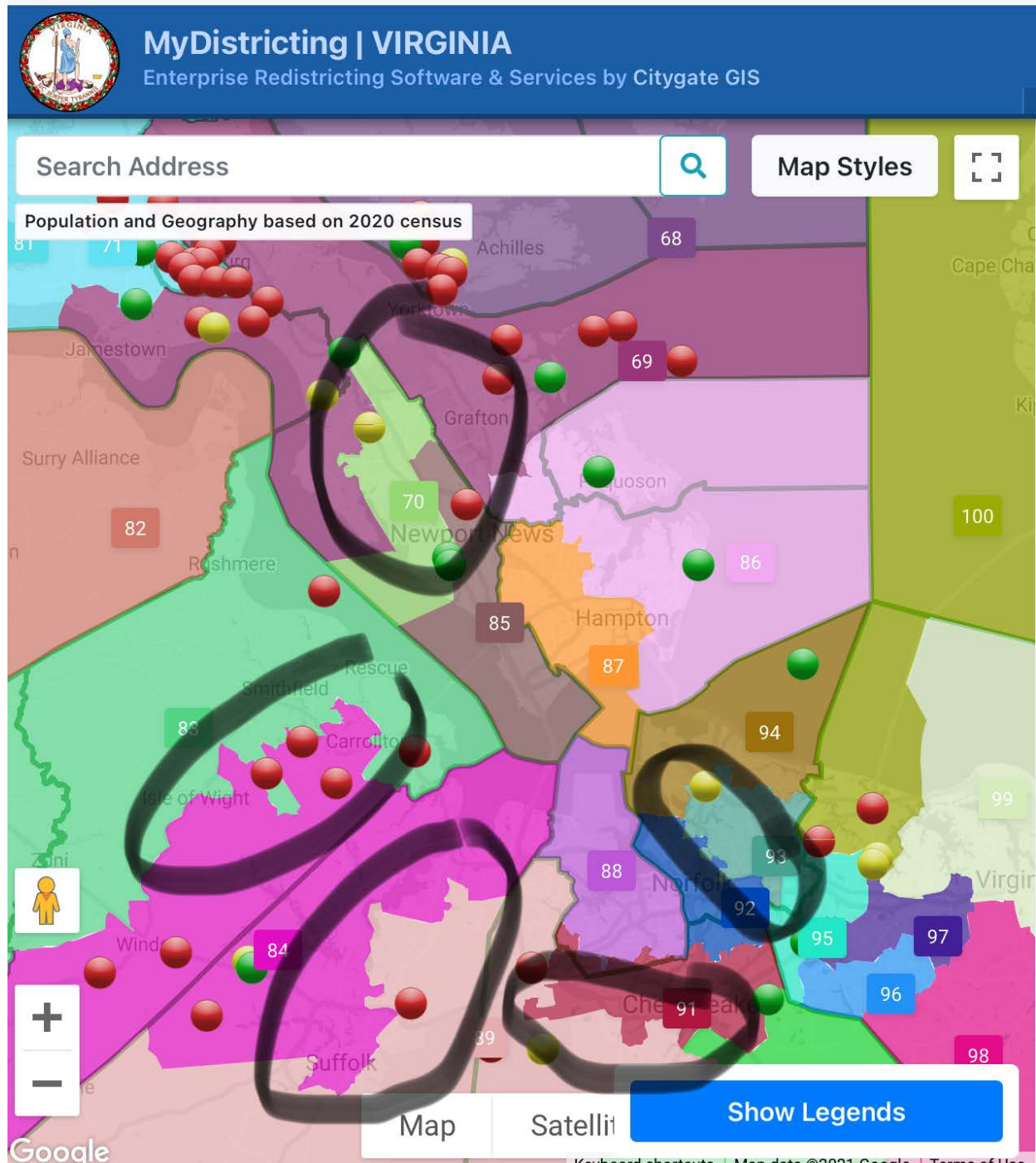
Please do not change the map!!! We in PWC need our voice heard!!!
Sent from my iPhone

From: [Mike Jeskowiak](#)
To: [Redistricting](#)
Subject: Nice job of gerrymandering
Date: Wednesday, December 15, 2021 7:59:16 AM

EXTERNAL EMAIL

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In my humble opinion, the map says it all. Gerrymandering at its best. My advice is to change it to avoid getting in the National news (again I remeber the recent Yorktown boat fiasco)



1. Williamsburg has been separated from lower James City County, including Grove. The history of African Americans in the Historic Triangle links the City and Grove. For that reason, they should not be separated.

2. Lower James City County and Williamsburg rely on many of the same services in the Williamsburg area, such as transportation, healthcare, and social services.

2. The 69th takes a head-scratching jog across the York River and picks up a small portion of Gloucester. This is a very different community and should be part of a district that is on the other side of the York River with the rest of Gloucester County.

3. The new maps put Williamsburg in the 71st District, which runs all the way to Providence Forge. Williamsburg has always been part of Hampton Roads. This puts Williamsburg with other communities that extend up into the Richmond area instead of keeping it with other Hampton Roads communities.

Regards,
Mike Jaskowiak
Williamsburg

From: [Mike B.](#)
To: [Redistricting](#)
Cc: [Cheryl Bechtold](#)
Subject: Comments on Redistricting Maps - Cheryl and Mike Bechtold
Date: Wednesday, December 15, 2021 8:36:08 AM

EXTERNAL EMAIL

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Comments against removing us from the 16th District.

We live at 9004 Volunteer Drive, Alexandria, VA 22309 in the Westgate area of Mount Vernon and strongly object to being removed from the rest of our Mount Vernon Community in the 16th House Delegate District and tacked on to the 19th District.

Our interests are better served by representatives that live and work in the same community as we do. Splitting us off from District 16 and the rest of the Mount Vernon Community ignores our long-standing community of interest and relationship with District 16.

This proposal would separate us from our Mount Vernon Community of Interest where we live together, work together, go to school together and conduct business with. We have shared interests in public transportation, GW Parkway issues, northern Route 1 corridor development, infrastructure and other community interests. The proposed redistricting line literally splits our community off from Mount Vernon High School and Walt Whitman Middle School where we send our children to school and would severely dilute our opportunity to be fairly represented on a variety of local issues including noise pollution, air pollution, and development along the Route 1 corridor and adjacent areas near our home. This proposal moves us to a District along with Mason Neck, Woodbridge, and Marumscow where we share none of those common interests and violates your own guiding principles.

It appears that the Special Masters may have been too focused on the math as a priority rather than keeping communities together. Do not sacrifice our Community in order to make your numbers work...

We hope you will take our comments into consideration and incorporate them into a final decision that maintains our Mount Vernon community integrity.

Respectfully, Cheryl and Mike Bechtold

From: [Dr. Nancy Parrish](#)
To: [Redistricting](#)
Subject: My input about redistricting in Goochland
Date: Wednesday, December 15, 2021 9:24:09 AM

EXTERNAL EMAIL

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Dear Supreme Court Redistricting Masters,

1. As a decades-long resident of Goochland County, I have always felt the views of our county as a whole would be better represented if our county as a whole could be in the same district.

2. I also think that a district that follows the corridor of I64 makes sense as a home for Goochland as we do all of our business in Charlottesville or Richmond. We don't at all have connection with the counties east of Richmond. We do have great contact with counties such as Fluvanna, Louisa, and Hanover.

I appreciate that you have a difficult job, but please consider these two points in your decision.

Thank you,

Dr. Nancy C. Parrish
nancyparrish9@gmail.com
Goochland County resident
2600 Elk Island Road
Columbia, Virginia 23038
(804)402-4864

From: aracoma1@verizon.net
To: [Redistricting](#)
Subject: redistricting map
Date: Wednesday, December 15, 2021 9:28:04 AM

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Second try

-----Original Message-----

From: MAILER-DAEMON@aol.com
To: aracoma1@verizon.net
Sent: Wed, Dec 15, 2021 9:22 am
Subject: Failure Notice

Sorry, we were unable to deliver your message to the following address.

<redistricting@vacourts.gov>:

No mx record found for domain=vacourt.gov

----- Forwarded message -----

I strongly support the special masters' districts. Gerrymandering is a bane and a threat to effective, democratic government. The map has been properly and ethically drawn.

Bill McMichael
12005 Taliesin Place, Apt. 25
Reston, VA 20190
703-268-8104
aracoma1@verizon.net

From: [K K](#)
To: [Redistricting: scottsuovell@gmail.com](mailto:scottsuovell@gmail.com)
Subject: New proposed maps
Date: Wednesday, December 15, 2021 9:39:14 AM

EXTERNAL EMAIL

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To whom it may concern,

I, Karen Kopicki, am a resident in the Fort Hunt neighborhood and would like to voice my concern for the new maps being generated and I OPPOSE the redistricting maps and OPPOSE this effort to be forced into a grouping of neighbors unfamiliar to myself and my family.

Not exactly sure what this map change is trying to do, but I OPPOSE it!

Thank you for your attention to this matter,

Karen Kopicki
Alexandria, Va. 22308

From: [Marcie Grau](#)
To: [Redistricting](#)
Subject: Fair Map: 7th District
Date: Wednesday, December 15, 2021 9:48:23 AM

EXTERNAL EMAIL

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To the Supreme Court of Virginia,

Looking at the maps as they are currently drawn, we would **lose Rep. Wittman**, leaving Prince William County with no Republican representation in the Congress. The current proposed maps also do not present a district that would provide a fair contest for Republicans. This district must be fair and drawn in a way that makes it competitive and **not a clear cut continuous victory for Democrats**.

The easiest way to make the district more competitive is to remove the three Fairfax County precincts from the 7th District and replace them with the three northernmost precincts in Spotsylvania County (Riverbend, Elys Ford, and Wilderness School).

Or you could simply use the originally agreed upon House Map "C1".

Your thoughtful consideration of these alternatives is greatly appreciated in order to ensure Virginia is a safe place for all citizens with equal representation.

Marcie Grau
1399 Mercer Rd., Haymarket, VA 20169
571-359-0202

From: [Sherry Nachnani](#)
To: [Redistricting](#)
Subject: Virginia Maps
Date: Wednesday, December 15, 2021 9:53:01 AM

EXTERNAL EMAIL

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I am a resident of the Mount Vernon, VA community, and respectfully encourage you to **KEEP MOUNT VERNON TOGETHER**. I have been a leader at my daughter's public schools for the past six years, and the proposed maps will severely impact our community, and do not recognize our community interests. In addition, the Mount Vernon Estate is a critical anchor of our community, along with many other organizations along the route 1 corridor.

Thank you for your time and consideration.

Respectfully,

--

Sherry Nachnani, RN, MS
9326 Old Mansion Rd, Alexandria, VA 22309

"You must be the change you wish to see in the world." -Mahatma Gandhi

From: [Lara Traylor](#)
To: [Redistricting](#)
Subject: Stafford is NOT Prince William County
Date: Wednesday, December 15, 2021 9:55:59 AM

EXTERNAL EMAIL

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I am very concerned about the proposed redistricting of Stafford and Fredericksburg.

The proposed New 7th District ignores the long-standing relationships that Stafford holds with the counties surrounding it in the Rappahannock Region. Almost all of Stafford's regional interests and affiliations are with communities to the east, south, or west rather than to the north. Stafford County should not be attached to Northern Virginia simply because I-95 runs through it. Stafford is more than just a couple of exits off the highway. Please reflect our real world affiliations in the maps.

Thank you,

Michael and Lara Traylor
22406

From: [JoAnn Flanagan](#)
To: [Redistricting](#)
Subject: Reuniting Kings Park West neighborhood
Date: Wednesday, December 15, 2021 9:57:41 AM

EXTERNAL EMAIL

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December 15, 2021

Muriel-Theresa Pitney
Clerk, Supreme Court of Virginia
100 North 9th Street, Fifth Floor
Richmond, Virginia 23219

Dear Ms. Pitney,

The current draft maps for the Virginia House of Delegates and Virginia Senate districts both divide the Kings Park West neighborhood of Fairfax County along its main thoroughfare--- Commonwealth Boulevard. The northern half of the neighborhood is now drawn in House of Delegates District 15 and Senate District 35 along with voters in Burke, Annandale, and Springfield. The southern half of the neighborhood is drawn into HoD 10 and Senate District 36 along with voters in Fairfax Station, Clifton, Centreville, and Chantilly. Neither splitting large, tightly knit neighborhoods such as Kings Park West, nor combining residential areas that have very different interests are considered good practice for drawing voting districts.

Under the current draft maps, residents in the northern half of Kings Park West will be able to work with legislators in synergy with our neighbors in Burke, Springfield, and Annandale because we share very similar suburban housing styles and common transportation routes. In addition, our jobs, places of worship, libraries, shopping centers, and the offices where we seek professional services are frequently in those communities slightly to the north and east of Kings Park West. Neighbors in the southern half of the neighborhood will have none of these commonalities with other residents in their districts where the housing styles and transportation routes are much different, and the commercial sites are a much greater distance from Kings Park West. It is likely that the state legislators for the southern half of the neighborhood will not be oriented to the needs of a small group of residents with very different lifestyles from most of their constituents. This is the type of problem that Virginia's new redistricting process was designed to minimize.

Over the past half century, residents of Kings Park West have built a strongly unified community through our Civic Association, Kings Park West Herald newsletter, three neighborhood pools, multiple annual holiday celebrations, a soccer field with its own youth league, an annual college scholarship program, a block captain system, and many on-line groups dedicated to communication within the neighborhood. Voting districts that split Kings Park West will dilute votes from the southern half of our neighborhood into very dissimilar communities and hinder the entire neighborhood from working effectively with our legislators.

I respectfully ask that the Kings Park West neighborhood be reunited in House of Delegates District 15 and Virginia Senate District 35.

Sincerely,

JoAnn Kennedy Flanagan
5229 Richardson Drive
Fairfax, Virginia 22032

From: [sally lineberger](#)
To: [Redistricting](#)
Subject: Redistricting
Date: Wednesday, December 15, 2021 10:26:05 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

To members of the Commission:

I hope the final plan adds Williamsburg back into the 69th without the added portion of Gloucester. Thank you for your consideration of this comment.

Respectfully

Mark and Sally Lineberger
Williamsburg VA

From: [Loretta Hawe](#)
To: [Redistricting](#)
Subject: Prince William County
Date: Wednesday, December 15, 2021 10:26:54 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Please help us to get a Republican to represent those of us who are Republicans.
It's not fair for Democrats to hold all office's.
Please help us save AMERICA...

--

Loretta D. Hawe

From: [Schone, Harlan](#)
To: [Redistricting](#)
Subject: williamsburg
Date: Wednesday, December 15, 2021 10:27:52 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

With respect to changes of lines for 69th and 71st districts, I feel strongly that the 69th should continue to include Williamsburg (I live in Williamsburg).

Thank you

Harlan Schone

320 Indian Springs rd

Williamsburg, Va 23185

From: jwlc2@hushmail.com
To: [Redistricting](#)
Subject: Redistricting the Ninth Congressional District
Date: Wednesday, December 15, 2021 10:30:10 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

To the Clerk of the Supreme Court of Virginia:

Please accept this as my comments on the proposed redistricting of the Ninth Congressional District in Virginia.

I am perplexed and nonplussed at removing the City of Salem and west Roanoke County from our district. Both are solid members of the Ninth and have strong ties to southwest Virginia, not to mention that the current Congressman from the Ninth resides in Salem. From the outside this looks like a gerrymander and is reminiscent of 1970 when redistricting put Sixth District Congressman Richard Poff and Ninth District Congressman William Wampler in the same district.

I understand that an argument is made that Salem needs to be lumped in with Roanoke because of some imagined valley commonality. Anyone who lives in the area would quickly contest this myth. These are distinct communities with separate lifestyles and for a large part the economic and employment situations distinct and unique.

The City of Salem and west Roanoke County have far more commonality with southwest Virginia than the City of Bedford, which is historically and practically a part of Virginia's Piedmont region.

Please correct this obvious error in the current plan.

Respectfully submitted,

**John W. L. Craig, II
11 Hidden Valley Lane
Radford, VA 24141
540-230-6878**

From: [Stanley Naimon](#)
To: [Redistricting](#)
Subject: 7 th district represented by Spannberger
Date: Wednesday, December 15, 2021 10:31:12 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

We live in Midlothian, Walton Park

Sent from [Mail](#) for Windows

We would like to stay in A. Spannberger's district .

I strongly object being moved to another district. Walton Park should be represented by A. Spannberger. Thank you S Naimon

From: [DIANA MEAD](#)
To: [Redistricting](#)
Subject: Albemarle County
Date: Wednesday, December 15, 2021 10:46:04 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Esteemed Special Masters:

I am writing to express my heartfelt conviction that Albemarle County should not be divided between two congressional districts. I've lived in North Garden and other parts of southern Albemarle for decades. It's no secret that Charlottesville and, increasingly, Albemarle County, comprise a bright blue oasis right smack in the center of Virginia. I grew up in Lynchburg, where Jerry Falwell flourished and George Wallace had a large fan base. That's why I moved here in 1978 – I wanted to be in a community centered around a large university, where the populace tended to be educated, liberal, and supportive of the arts. I wanted to have my people around me, and I found them here. I am not surprised that we have a very high rate of vaccination. Nearly 79% of Albemarle County's electorate voted Democrat in the November election. Albemarle County has endured decades of partisan gerrymandering, with the county being carved up three or four ways to water down or even eradicate our influence. That is why it is so distressing to yet again see us being carved up. It would be such a relief NOT to live in a district where the most extreme candidate can simply primary himself into a guaranteed win, and then disregard, to the extent possible, his constituents with dissenting views. (I am using the male gender intentionally, since I can remember no 5th District representative who was not a white male.) Fanatical elected representatives have no interest in working across the aisle. We have suffered through so many terrible congressmen, culminating with Bob Good, a Bible-thumping, race-baiting, homophobic, fascistic Neanderthal, who would undoubtedly love to establish a Christian theocracy ruled by President-for-Life Donald Trump. Please have mercy on us.

I understand that your purpose is not to concern yourselves with political ramifications; that you are trying to create districts of roughly equal populations, while also attempting to keep together communities of interest. I would argue that Charlottesville and Albemarle County are one of the most coherent communities of interest within the Commonwealth. If I knew the number of people in the portion of Albemarle County that you have mysteriously added to the proposed 5th District, it would be much easier for me to suggest a logical adjustment. Maybe the eastern portion of Loudoun County would be equally compatible with the 2nd or the 7th districts. I understand that it's not that simple. But I must reiterate that no part of Albemarle County belongs in the 5th District. All of Albemarle County belongs in the proposed 10th District.

Very sincerely yours,

Diana Mead
3018 Old Lynchburg Rd
North Garden, VA 22959

From: [Virginia Manuel](#)
To: [Redistricting](#)
Subject: 10th Congressional District
Date: Wednesday, December 15, 2021 11:15:40 AM

EXTERNAL EMAIL

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It appears that you arbitrarily redrew these district lines to assure that a Republican wins the seat. This new district does not reflect the demographics of the region.

Virginia W. Manuel
Fairfax Station, VA

Sent from my iPhone

From: [Mark Downey](#)
To: [Redistricting](#)
Subject: HD69
Date: Wednesday, December 15, 2021 11:17:04 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

As a resident of Upper York County, it makes no sense to have part of Gloucester in the new HD69 district, also most of what we do is in City of Williamsburg and James City County.

Thanks
Mark Downey
121 Horseshoe Dr, Williamsburg, VA 23185

From: [Kripa Patwardhan](#)
To: [Redistricting](#)
Subject: comments on redistricting process
Date: Wednesday, December 15, 2021 11:29:41 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Two comments:

I consider myself to be part of the silver line corridor. I am walking distance from Herndon Monroe Park and Ride, and as such, I expect the maps to reflect this fact, as opposed to put in the same district as Chantilly and Centreville (!!!!), as some proposed maps have done.

Please make sure that immigrant communities and non-white communities are neither "packed" nor "cracked". Let opportunity districts be meaningful opportunity districts.

Thank you.

--

K.M. Patwardhan, she/her, MPP
Homebound Teacher
Fairfax County Public Schools

Chief Justice and Justices of the Virginia Supreme Court,

The proposed congressional map radially splits apart the largest community of shared interest in Central Virginia, namely the greater Richmond area. In my area, Henrico County and Chesterfield County, and the City of Richmond are proposed to be split between 3 different congressional districts, rather than 2 as in the current map, which marginalizes the voting power a diverse community of interest. A careful reading of the Special Masters' report, specifically pages 3, 6, 16, and 17 will show that although the Special Masters allude to taking communities of interest into account where practical, their method over-optimized on making populations within congressional boundaries as equal in headcount as possible. The over-optimization on headcount criteria is clearly reflected in the extremely forced narrow range of the "Pct Deviation" statistics listed on page 17, where less than 10 percent of the permissible range was used. The Special Masters then drew the congressional boundaries for the greater Richmond area last (see page 16), which effectively relegated the greater Richmond community of interest. It is in the report, we can all follow the description of the method that the Special Masters followed and see how we got to this flawed congressional map.

It may seem counter-intuitive, that making the population sizes as similar as possible was the wrong primary criteria. What I am saying is that an error of over-weighting that criteria is clearly what happened, and the Pct Deviation data on page 17 is prima facie evidence that communities of interest were not sufficiently considered by the quantitative approach used by the Special Masters. The array of numbers on that page seems to convey certainty, but it is also evidence of the flawed method. The headcount criteria then interacted with the compactness criteria, particularly because the greater Richmond area was last to be considered, and thus the greater Richmond community of interest was left out of the process, at least from what I can see. The Special Masters have latitude to make more accommodations for Central Virginia in the congressional map, and to start solving for the major issues in the congressional map from the center out.

Furthermore, here in Virginia, our state legislators are part-time state employees. State legislature maps that force so many boundary changes to optimize on an incomplete set of goals would place a great burden on citizen-legislators to move their households in order to compete for re-election. This at a time when home prices are high and inventory of available homes is low. In general, voters like their representatives and don't want their representatives to relocate. Both parties would agree to that, it is bipartisan. The Special Masters have agreed to be blind to this issue. Is that what the voters intended?

In closing, the Special Masters need clear guidance from and dialog with this Court, and the Special Masters have many degrees of freedom to improve all 3 maps. Only the Supreme Court of Virginia can guarantee that the intent of the constitutional amendment is fulfilled. This includes weighting communities of interest as well as the nature of a part-time state legislature. And the Court has the power to compel corrective action. Leaving the greater Richmond community of interest last to be considered needs remedy. I recommend that the revisions start at the top and center of the maps and move outward.

I applied to be a member of the redistricting commission. I am grateful for the transparency of this process and the opportunity to testify today.

Respectfully Submitted,

William Panak

1517 Jonquill Dr, Henrico VA 23238

From: [katherine slaughter](#)
To: [Redistricting](#)
Subject: Charlottesville - Albemarle
Date: Wednesday, December 15, 2021 11:53:08 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

To the Supreme Court:

I appreciate the task of the special masters and realize the difficulties that drawing lines entails. Still, I believe that this map could have been configured in a way that truly represents communities of interest. Like a puzzle, if you change one part, others must also change; while I am not a demographer and do not have all the population numbers in hand, I request a second look to be taken of the Charlottesville-Albemarle area, and its potential to be located intact within Congressional District 10.

Charlottesville and Albemarle share a common community in Central Piedmont, housing the University of Virginia and the Medical Center, which is a hub of jobs for people in our Planning District 10 region -- Nelson, Fluvanna, Greene, Louisa. Through the planning district, these counties have shared decades of planning for economic development, transportation, environmental and other services. To separate us politically makes no sense as we need representatives to serve our common interests.

To keep this community intact, Charlottesville-Albemarle or Cville-Albemarle-Nelson could be added to Congressional District (CD) 10, which of course would entail further change to those districts as well as CD 5.

CD 5 is much more similar to most of CD 4 as both these districts (without Albemarle and Nelson) historically comprise Southside Virginia sharing cultural, economic, agricultural, and other ties and connected well by transportation corridors such as US 58, 95, and 29.

Charlottesville Albemarle could be appended to CD 10 while the northernmost parts of CD 10 -- Loudoun and/or Spotsylvania --join the adjacent 7th.

I realize that this is a complex endeavor, but I hope that the Court and the Masters will give some harder look at keeping the Charlottesville-Albemarle area together and connected to the rest of the Piedmont.

Ours is an important educational, medical, economic hub in the Central Piedmont and should not be appended to a largely Southside rural community.

Thank you.

Sincerely,
Katherine Slaughter
Former Mayor, City of Charlottesville

--

Kay Slaughter

From: [Kripa Patwardhan](#)
To: [Redistricting](#)
Subject: comments on redistricting process
Date: Wednesday, December 15, 2021 11:29:41 AM

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Please make sure that immigrant communities and non-white communities are neither "packed" nor "cracked". Let opportunity districts be meaningful opportunity districts.

Thank you.

--

K.M. Patwardhan, she/her, MPP
Homebound Teacher
Fairfax County Public Schools

From: [Dianne Carter de Mayo](#)
To: [Redistricting](#)
Subject: Gloucester County and CD1 redistricting
Date: Wednesday, December 15, 2021 11:57:22 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

I am a teacher at school and we are unable to load the webex platform on our school internet system. I'm the Gloucester County Democratic Committee Chair, a Member of the DPVA's Central Committee, and a life-long resident of the 1st Congressional District. All I really wanted to say was a) Keep all of Gloucester County in one HOD district. My house and my child's school should not be in two House of Delegates districts and voters should not have to pay a toll to cross the bridge and meet with their elected representatives. We don't even have public transportation that goes over the Coleman Bridge. This disenfranchises some of our most vulnerable voters, violates the principle of not crossing rivers or mountains, and separates communities of interest from one another.

b) The Southern existing 1st Congressional District, and Gloucester County in particular, is not a community of interest with Short Pump, Fluvanna, and the Charlottesville suburbs. We're a rural coastal community with much more in common with the existing northern edge of CD1 than we have in common with those in the proposed redrawn district. I'm sure they're perfectly nice people, but this is not a useful solution.

Thank you for your time,
Respectfully submitted,
Dianne Carter de Mayo,
Gloucester

From: [katherine slaughter](#)
To: [Redistricting](#)
Subject: Charlottesville - Albemarle
Date: Wednesday, December 15, 2021 11:53:08 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

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Ours is an important educational, medical, economic hub in the Central Piedmont and should not be appended to a largely Southside rural community.

Thank you.

Sincerely,
Katherine Slaughter
Former Mayor, City of Charlottesville

--

Kay Slaughter

From: [CSS ONE](#)
To: [Redistricting](#)
Subject: Virtual redistricting Hearing Comment
Date: Wednesday, December 15, 2021 12:14:50 PM

EXTERNAL EMAIL

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Muriel-Theresa Pitney

Clerk of Court

Supreme Court of Virginia

100 North Ninth Street, 5th Floor

Richmond, Virginia 23219-1315

Dear Madam Clerk:

My name is Roy L. Perry-Bey, and I have been a resident of Virginia, for most of my life. During this time, I have served as a civil-right activist throughout Virginia, primarily with the Coalition for Equal Justice, Citizens of Hampton Roads March Against Poverty Campaign and the United Front for Justice. I have been on the front lines of issues like treatment of veterans, confederate statutes, housing discrimination, police brutality and voting rights throughout the Commonwealth.

I write to urge this Court to reject the voting mapssubmitted by the Special Masters because they sharply limit the number of majority-Black Senate and House Districts throughout Virginia. Since 2010, Virginia has had five majority-Black Senate Districts (out of forty) and ten majority-African American House Districts (out of ninety-eight). If approved, the Special Master's maps will reduce the number of Senate Districts to two, and the number of House Districts to five.

The harm to Virginia's African American communities that results from reducing majority-African American voting districts by more than half should be obvious. As those majority-minority Districts disappear, so too does the political power of Virginia's minority communities. And as someone who has devoted his life to ensuring equal justice for all, I must object to proposed maps that needlessly reduce these critical districts by greater-than fifty percent.

Virginia not only has a moral imperative to protect minority political power; it has a legal one as well. Section 2 of the Voting Rights Act prevents "a denial or abridgement of the right of any citizen of the United States to vote on account of race or color." 52 U.S.C. § 10301(a). Such a "denial or abridgment" occurs if "the political processes leading to nomination or election in the State or political subdivision are not equally open to participation" by members of a protected class

“in that its members have less opportunity than other members of the electorate to participate in the political process and to elect representatives of their choice.” *Id.* § 10301(b).

Virginia’s African American communities almost certainly satisfy the criteria necessary to trigger Section 2. They are “sufficiently large and geographically compact to constitute a majority” in several of the non-majority-minority districts. *See Thornburg v. Gingles*, 478 U.S. 30, 50 (1986). They are “politically cohesive.” *Id.* at 51. And the “the white majorit[ies]” in these non-majority-minority districts “vote sufficiently as a bloc to enable” them “to defeat the minority’s preferred candidate.” *Id.* Because this is the case, Virginia must include majority-minority districts.

In other words, there are *great* “reasons to believe” that more voting districts must have a greater percentage of minority population. *See Bethune-Hill v. Va. State Bd. of Elections*, 137 S. Ct. 788, 801-02 (2017). Compliance with the Voting Rights Act is a compelling interest. *Id.* at 801. To satisfy this compelling interest, the Court should reject the Special Master’s proposed maps, thereby avoiding a likely Voting Rights Act violation.

Mr. Roy L. Perry-Bey
Political & Civil Rights Activist
United Front For Justice
(202) 798-9756

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From: [Kristy Lumley](#)
To: [Redistricting](#)
Subject: Stafford should not be lumped in to PWC
Date: Wednesday, December 15, 2021 12:41:44 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

To whom it may concern:

I am very concerned about the proposed redistricting of Stafford and Fredericksburg. The proposed New 7th District ignores the long-standing relationships that Stafford holds with the counties surrounding it in the Rappahannock Region. Almost all of Stafford's regional interests and affiliations are with communities to the east, south, or west rather than to the north. Stafford County should not be attached to Northern Virginia simply because I-95 runs through it. Stafford is more than just a couple of exits off the highway. Please reflect our real world affiliations in the maps.

Thank you,
Kristy Lumley
Aquia Harbour

From: [Florence Keenan](#)
To: [Redistricting](#)
Subject: Rectorstown, VA
Date: Wednesday, December 15, 2021 12:54:57 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

We love our new US House District. Thank you for releasing us from District 5 and placing us in our cohort with Loudoun (District 10?) that shares our watershed (Goose Creek, Potomac and Chesapeake Bay) and values. We're beginning to feel reinfranchised.

Florence Keenan

COMMONWEALTH OF VIRGINIA

SENATE OF VIRGINIA

RICHARD H. STUART

TWENTY-EIGHTH SENATORIAL DISTRICT

PART OF KING GEORGE, PRINCE WILLIAM,
SPOTSYLVANIA, STAFFORD, AND
WESTMORELAND COUNTIES



COMMITTEE ASSIGNMENTS:
AGRICULTURE, CONSERVATION, AND
NATURAL RESOURCES
GENERAL LAWS AND TECHNOLOGY
JUDICIARY

December 15, 2021

Via Electronic Mail

Redistricting@vacourts.gov

Muriel-Theresa Pitney, Clerk of Court
Supreme Court of Virginia
Post Office Box 1315
100 North Ninth Street, 5th Floor
Richmond, Virginia 23219-1315

Dear Ms. Pitney:

As members of opposing parties who have both represented the Northern Neck, we are putting aside occasional differences to beg consideration of keeping the Northern Neck in a whole and distinct State Senate district as it had been before the most recent redistricting in 2011 and thus mirroring the long-standing tradition of the House of Delegates maps.

The Northern Neck is a distinct geographic area with very distinct communities of interest. It is the Northern most peninsula in Virginia on the Eastern side of Virginia bounded by two rivers and the Chesapeake Bay: the Potomac on the North and the Rappahannock on the South, and yet, the Special Masters cut it in to three different districts.

One of the most historical areas in the country, three of the first five presidents were born there: George Washington and James Monroe in Westmoreland, and James Madison in King George. The Northern Neck and her people are intertwined from county to county adopting mutual aid agreements for fire, rescue, and police services. The Northern Neck Tourism Council at NorthernNeck.org boosts the history of the region and regionally promotes tourism throughout the Northern Neck.

There is an economic development partnership through the Northern Neck Planning District that promotes economic development through the Northern Neck. The Northern Neck faces special challenges due to its isolation by the rivers and its rural nature. It runs from the tip of Northumberland and Lancaster counties, where it meets the Chesapeake Bay all the way to Eastern Stafford County.

The Neck is comprised entirely of Northumberland, Lancaster, Richmond, Westmoreland, and King George Counties with its Eastern boundary being at Stafford County. All of these people enjoy much the same way of life, while it is anchored by the employment

center of the Dahlgren Naval Base in King George others, farm, fish, or work in service industries.

The Northern Neck is a very close-knit community and very much keeps unto themselves. It is truly a community of common interest and should not be divided into three Senate districts as the Special Masters have done. In particular, King George has no common interest with Hanover County where it would now lie in the newly drawn 25th district. Additionally, the lower counties in the Northern neck have no common interest with James City County, where they would now lie in the newly drawn 26th district.

The Special Masters recognized in their memorandum that the public wanted to keep the Northern Neck whole, and for some reason the Masters thought they had, yet it was cut into three distinct districts. Perhaps the Masters did not understand the true boundaries of the Northern Neck.

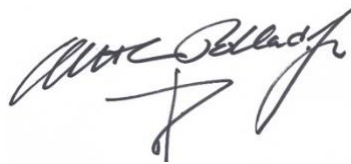
One simple look at a map, shows a clear and distinct peninsula, which is the Northern most in our Commonwealth. We strongly believe that it is important to keep the Northern Neck whole, much as the Special Masters did with the Eastern Shore and Middle Peninsula.

We respectfully ask this Honorable Court to take our comments into consideration.

Very Truly Yours,

A handwritten signature in dark ink, consisting of a series of loops and a long horizontal stroke extending to the right.

Richard H. Stuart
Member, Senate of Virginia
Twenty-Eighth District

A handwritten signature in dark ink, featuring a stylized 'A' and 'P' with a large flourish at the end.

Albert C. Pollard, Jr.
Former Member, Virginia House of Delegates
Ninety-Ninth District

From: [Linda Guthrie](#)
To: [Redistricting](#)
Subject: Citizen Comments for redistricting
Date: Wednesday, December 15, 2021 1:08:30 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

I have only lived in Virginia for 3 years, but even I know that Williamsburg belongs in the Hampton Roads COI, not the Richmond one. Also why is Gloucester in 71 but not Williamsburg? Very strange. Please adjust so the groupings reflect the real communities as we who live here experience them.

Sent from my iPhone

From: [RONALD GREEN](#)
To: [Redistricting](#)
Date: Wednesday, December 15, 2021 1:18:43 PM

EXTERNAL EMAIL

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Virtual redistricting Hearing Comment

Inbox



Muriel-Theresa Pitney

Clerk of Court
Supreme Court of Virginia
100 North Ninth Street, 5th Floor
Richmond, Virginia 23219-1315

Dear Madam Clerk:

My name is Ronald M. Green, of whom works with Roy L. Perry-Bey, and I have been a resident of Virginia, for most of my life. During this time, I have also served as a civil-right activist throughout Virginia, primarily with the Coalition for Equal Justice, Citizens of Hampton Roads March Against Poverty Campaign and the United Front for Justice. I have been on the front lines of issues like treatment of veterans, confederate statutes, housing discrimination, police brutality and voting rights throughout the Commonwealth.

I write to urge this Court to reject the voting map submitted by the Special Masters because they sharply limit the number of majority-Black Senate and House Districts throughout Virginia. Since 2010, Virginia has had five majority-Black Senate Districts (out of forty) and ten majority-African American House Districts (out of ninety-eight). If approved, the Special Master's maps will reduce the number of Senate Districts to two, and the number of House Districts to five.

The harm to Virginia's African American communities that results from reducing majority-African American voting districts by more than half should be obvious. As those majority-minority Districts disappear, so too does the political power of Virginia's minority communities. And as someone who has devoted his life to ensuring equal justice for all, I must object to proposed maps that needlessly reduce these critical districts by greater-than fifty percent.

Virginia not only has a moral imperative to protect minority political power; it has a legal one as well. Section 2 of the Voting Rights Act prevents "a denial or abridgement of the right of any citizen of the United States to vote on account of race or color." 52 U.S.C. § 10301(a). Such a "denial or abridgement" occurs if "the political processes leading to nomination or election in the State or political subdivision are not equally open to participation" by members of a protected class "in that its members have less opportunity than other members of the electorate to participate in the political process and to elect representatives of their choice." *Id.* § 10301(b).

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Ronald M. Green

Political & Civil Rights Activist

United Front For Justice
757-348-0436

From: [JEWAN TIWARI](#)
To: [Redistricting](#)
Subject: Comment on VA Senate Redistricting
Date: Wednesday, December 15, 2021 1:23:01 PM

EXTERNAL EMAIL

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Once a decade we have Census: Based on the population shift the redistricting is done to have a proper representation of the population and voice to the table. Now after a major increase of Asian American and Hispanic population in Northern Virginia, the map drawers included no minority-majority Senate districts, while its clearly possible to draw at least one around South Riding, Chantilly, Centreville, Manassas area. I request the the Virginia Supreme Court to take this request into account while approving the final map.

Thank you,

Jewan "Jack" Tiwari
Manassas, VA 20109

From: [Virginia House Democratic Caucus](#)
To: [Redistricting](#)
Subject: Comments on Special Masters" December 7 Draft Map
Date: Wednesday, December 15, 2021 2:36:47 PM
Attachments: [VA House Dems Map Memo Dec15.pdf](#)
[VA House Dems Maps Charts.xlsx](#)

EXTERNAL EMAIL

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To The Virginia Supreme Court:

On behalf of the Virginia House of Delegates Democratic Caucus, we are submitting two maps for the Court's consideration.

We urge the Court to adopt a House of Delegates map that reflects as many of the regional highlights as possible contained in our first map (Map 1). Map 1 reflects a balanced and fair approach. It was developed before the Court released the Special Masters' map and represents our model plan drafted in accordance with all applicable federal and state constitutional and statutory requirements. It properly reflects the population and demographic changes resulting from the 2020 federal decennial census and does so in a way that is least disruptive, by following the generally accepted redistricting principle that recognizes as a legitimate criteria not making unnecessary changes to current districts where it is possible.

The changes in the Commonwealth's ethnic and racial demographics are also reflected in Map 1.

Importantly, the map provides racial and minority group members with the opportunity to elect their preferred candidates of choice. Districts are all contiguous and compact without splitting precincts. Further, the plan provides partisan balance and does not unduly favor either major political party.

Key highlights of Map 1 include:

Northern Virginia:

- Creating more geographically compact districts, eliminates winding, reaching districts
- Limiting the number of districts that cross county lines
- Preserving communities of interest, using Homeowners Association boundaries in places where there are no incorporated cities
- Splitting Arlington into fewer districts and keeping two districts entirely in the county. It follows the Route 50 dividing line that has been used for years in Arlington and by regional governments. Communities north of Route 50 are included in North Arlington and everything south is in South Arlington. The map keeps the neighborhoods

north and south of Columbia Pike together in the natural Columbia Pike corridor community of interest.

- Giving Alexandria one district entirely within the locality with only one other district taking up the remaining precincts, allowing its communities to stay together
- Prince William County has fewer districts that reach outside the county, keeping 6 of 7 districts entirely within county lines and keeping the cities of Manassas and Manassas Park whole

Richmond:

- Eliminating the partisan gerrymandering in western Henrico County and creating more compact districts there, while keeping eastern Henrico communities of interest together
- Keeping Petersburg with suburban Chesterfield County, not with more rural Dinwiddie County
- Limiting the number of districts Richmond is cut into

Hampton Roads:

- Providing more compact districts in the Peninsula, keeping Williamsburg with historical communities in James City County, Jamestown and the unincorporated community of Grove
- Newport News is condensed primarily into two districts with the northern precincts being included with the community of Grove where they make up a community of interest
- Norfolk has two districts entirely within the city limits
- Virginia Beach has 4 of its 6 districts entirely within city limits, rather than having multiple districts cross over city limits and keeps the regions of the city together

Southside/Southwest:

- Drawing together the southside cities of Danville and Martinsville, as they are likely to have similar interests and issues
- Keeping the cities of Blacksburg and Radford together as a community of interest because of the two colleges there (Virginia Tech and Radford College)

All districts were drawn using 2020 federal decennial population data adjusted for prisoner reallocation as required by state law.

Should the Court not be inclined to adopt the suggestions contained in Map 1, we hope that it will, at minimum, take up the changes we suggest in Map 2, which is adapted from the Special Masters' map.

Map 2 suggests several modifications to the draft map that would be less disruptive to voters who know and understand their districts. This map also provides for competitive districts. This plan keeps the cores of several current districts intact and attempts to avoid any unnecessary shifts in certain precincts to other districts. The map also follows the generally accepted redistricting principle that recognizes as a legitimate criteria not making unnecessary changes to current districts where it is possible. Since this map works from the Special Masters' plan, we ask the Court to incorporate as many of these changes as possible in its final plan. These changes would not be difficult to make.

Key features in Map 2 include:

- **HD 10/11:** Moving the Sideburn precinct from HD 10 to HD 11 to keep the George Mason University area together, and balancing population deviation by moving the Villa precinct from HD 11 to HD 10.
- **HD 14/15:** Moving the Wakefield precinct from HD 15 to HD 14, to keep it with the rest of the Annandale community.
- **HD 19/25:** Moving the Cardinal precinct and Fitzgerald precinct from HD 25 to HD 19 to keep the Cardinal Drive community together.
- **HD 78/79:** The Ginter Park neighborhood has been split between proposed districts 78 and 79, as has the historic Jackson Ward neighborhood. Moving precinct 213 from 79 to 78 and moving precincts 307 and 308 from 78 to 79 would allow these communities to remain intact.

We are attaching supporting data charts for each map and shape files can be found at this link: [VA House Democrats Maps](#). We thank the Court for considering these submissions as it prepares its final maps.

Sincerely yours,

Eileen Filler-Corn

Speaker

House of Delegates

Charniele Herring

Majority Leader

House of Delegates

From: [Iva Robinett](#)
To: [Redistricting](#)
Subject: VA02 and VA03
Date: Wednesday, December 15, 2021 2:09:33 PM

EXTERNAL EMAIL

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I disapprove of the proposed redistricting plan.

VA02 and VA03 should not be redrawn to dilute the votes of the military and veterans, the minority representation in VA03 and what should be a shared federal representation of future environmental solutions for the contiguous waterfronts of Norfolk and VB.

Iva Robinett
222 83rd St
VB 23451
ivarobinett@gmail.com
757-839-6297

Sent from my iPhone

From: [Susan Hippen](#)
To: [Redistricting](#)
Subject: Redistricting Public Comment
Date: Wednesday, December 15, 2021 2:16:39 PM

EXTERNAL EMAIL

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Honorable Justices of the Virginia Supreme Court,

Virginia Congressional District 2 (VA-CD02) has long been viewed as the congressional district housing Virginia's military region. The current district includes Naval Station Norfolk the largest naval installation in the world; and Naval Air Station Oceana, known as the Master Jet Base; Joint Base Langley Air Force Base and Fort Eustis, major installations for the Air Force and Army; and several smaller military installations. Our congressional representative is usually a member of the Armed Services Committee and a strong advocate for the military in general.

The newly drawn Virginia congressional districts submitted by the court-appointed masters removes the military voting block that VA-CD02 has traditionally maintained. Separating the installations into different districts would not increase political strength for our military population. Having different legislators for all the military installations in the Hampton Roads could unnecessarily pit Virginia districts against each other for precious funding in Congress.

I request another look at the lines for VA-CD02 and that the current military community be maintained in a single congressional district. I realize that VA-CD02 does not contain all the military installations in Hampton Roads or Virginia. However, it does consolidate a significant voting block of like-minded voters who have and continue to contribute to our nation.

Thank you for taking the time to review my comment on VA-CD02.

Submitted respectfully,

Susan Hippen

From: [Cathy Slusher](#)
To: [Redistricting](#)
Subject: Redistricting proposal
Date: Wednesday, December 15, 2021 2:09:43 PM

EXTERNAL EMAIL

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Dear Judges and Court Reviewers,

I am very opposed to the proposed redistricting lines that I have reviewed. Regardless of personal politics, this outline is heavily weighted to a Democrat majority and shows favoritism to a fault. This is not good for democracy. This is definitely not good for Virginia. It is most definitely not good for my family or my community.

I urge you to send the redistricting plan back to the drawing board and expect something in return that illustrates fairness, equality, and conscientious deliberation and thought. You are welcome to contact me.

Most sincerely,

Catherine Slusher
3337 Baybrook Dr, Harrisonburg, VA 22801
540-476-4060

From: [Bateschapelhill](#)
To: [Redistricting](#)
Subject: Comments on Redistricting Draft Maps - December 15, 2021
Date: Wednesday, December 15, 2021 2:06:39 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

I am a long-term resident of Northern Virginia, in Prince William County (Bristow, VA).

I have reviewed the summary report on development of the newly released draft redistricting maps for the Virginia House of Delegates, Virginia Senate, and Virginia congressional districts in the U.S. House of Representatives.

From my vantage point as an independent voter, I believe the maps have accomplished their primary purpose: to reduce the influence of political gerrymandering on elections throughout the Commonwealth of Virginia. I know that some of the Democratic candidates (now incumbents) I recently have supported in the Virginia House and Senate will face more challenging races in 2022 and beyond. I suspect the same is true with respect to Republican incumbents. This project has been about fairness and a balancing of legitimate interests, not about protecting incumbents as has been the case in the past. I'm pleased that the map-drawers appear to have fairly applied the fair-voting redistricting standards set forth by enacted VA legislation, the constitutional amendment, and the courts.

Congratulations!

Sincerely,

Chris Bates
12525 Erroll Lane
Bristow, VA 20136

From: [David Cariens](#)
To: [Redistricting](#)
Subject: Reject the Map
Date: Wednesday, December 15, 2021 1:55:23 PM

EXTERNAL EMAIL

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The redistricting maps are objective and balanced. They tilt toward conservatives. I urge the Virginia Supreme Court to reject the maps and have the people they hired go back to the drawing boards and produce a truly fair set of maps. Abigail Spanberger's treatment is ugly and disgusting.

If Congresswoman Spanberger is drawn out of her district, then produce a map that does the same thing Delegate Margaret Ransone.

David Cariens
(434) 591-5183 Home and work
(804) 436-2810

From: [Marion Bozzo](#)
To: [Redistricting](#)
Cc: [marion.bozzo](#)
Subject: Redistricting
Date: Wednesday, December 15, 2021 2:17:22 PM

EXTERNAL EMAIL

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I am opposed to the plan that divides the Mount Vernon Community in two.

Marion Bozzo
870 Highgate Rd
Alexandria, Va. 22308

From: [Carol Mournighan](#)
To: [Redistricting](#)
Subject: Virginia Redistricting 2021
Date: Wednesday, December 15, 2021 2:33:14 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

To the Supreme Court of Virginia

I want to congratulate the Supreme Court of Virginia for developing proposed new districts for the Virginia Senate, House of Delegates and U. S. House of Representatives which make sense and fulfill the will of the voters of Virginia when they passed the redistricting constitutional amendment. When I first reviewed the maps the the special masters had produced, the first word that came to my mind was "Integrity". I urge the Supreme Court to stand by these maps: I understand the issue regarding the Voting Rights Act and minority representation, and am confident that the Supreme Court can work this issue out.

You did a great job. Thank you.

Carol Mournighan
7204 Churchill Road
McLean, VA 22101

--

Carol
Carol Mournighan
clmourn@gmail.com
571-334-1433

From: [Owen Williams](#)
To: [Redistricting](#)
Subject: Concerns Regarding the Proposed Maps in the Hampton Roads Areas
Date: Wednesday, December 15, 2021 2:58:49 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

To whom it may concern,

My name is Owen Williams and I am a current student at the College of William & Mary in Williamsburg, Virginia on Virginia's Lower Peninsula.

I and many other students have significant concerns regarding the special master's proposed maps as they affect Hampton Roads and the Lower Peninsula. My main concerns are as follows:

The City of Williamsburg has been separated from lower James City County, including Grove. The history of African Americans in the Historic Triangle links the City and Grove. For that reason, they should not be separated. These communities are intrinsically linked.

Lower James City County and Williamsburg rely on many of the same services in the Williamsburg area, such as transportation, healthcare, and social services. Splitting these communities of interest makes absolutely no sense. They should be represented by the same elected officials because the residents of both live and work in both areas.

The proposed 69th House District takes an incredibly confusing path across the York River and picks up a small portion of Gloucester. This is a very different community to Williamsburg and should be part of a district that is on the other side of the York River with the rest of Gloucester County.

The new proposed maps put Williamsburg in the new 71st District, which runs all the way to Providence Forge. Williamsburg has always been part of Hampton Roads. We are connected far more to the eastern end of the lower peninsula. Many William & Mary students actively interact with Newport News, Hampton and Norfolk far more than they do with New Kent or other areas closer to Richmond or the other peninsulas. This puts Williamsburg with other communities that extend up into the Richmond area instead of keeping it with other Hampton Roads communities.

Given the dynamics above, we would like to see some significant changes in the House of Delegates districts on the Middle Peninsula. Thank you for considering our voices in this process, and please protect communities of interest.

Best,

Owen R. Williams
B.A. Government & History
William & Mary '23

SENATE OF VIRGINIA

RICHARD L. SASLAW
Majority Leader
35th Senatorial District
Post Office Box 1856
Springfield, Virginia 22151



Committee Assignments:
Chair, Commerce and Labor
Education and Health
Judiciary
Finance & Appropriations
Rules

December 15, 2021

Ms. Muriel-Theresa Pitney
Clerk of Court
Supreme Court of Virginia
100 N. 9th St, 5th Floor
Richmond, VA 23219

Dear Ms. Pitney:

Pursuant to the Court's Redistricting Rule 4, the Virginia Senate Democratic Caucus respectfully submits the following comments on, and proposed amendments to, the draft Senate map released by the Court's Special Masters on December 7, 2021.

To begin with, my colleagues and I want to thank the Special Masters for their diligent efforts thus far. The Redistricting Amendment, its implementing legislation, and this Court's rules place a premium on transparency and public input in the redistricting process. By releasing their draft maps early along with a detailed memorandum explaining their approach and data regarding the draft districts, the Special Masters have given the public, along with the parties specifically mentioned in Va. Code Ann. § 30-399(F), an opportunity to review and comment on the draft maps, including to propose amendments that will ensure the maps ultimately adopted by the Court comply with the governing laws and advance the goal of fair elections for Virginia voters. In addition, the Court has created a robust public comment process by providing multiple ways for the public to share their views on the important work of drawing new districts. It is in this spirit that we submit the comments and proposed amendments below.

In summary, in recognition of the Special Masters' reasonable approach in many areas, we are not proposing any wholesale overhaul of their draft Senate map. Instead, the Senate Democratic Caucus respectfully submits that certain districts in seven specific regions should be modified to better reflect important communities of interest and other significant considerations regarding the makeup of the Virginia Senate. Of particular note, the Special Masters' draft Senate map pairs the two longest-serving African American members of the General Assembly, including the current Senate President Pro Tempore, in a single district. While we understand that the Special Masters chose generally not to consider incumbent addresses or pairings, a map that effectively expels at least one of these historic African American figures and civil rights icons from the Virginia Senate will not help move the Commonwealth forward. We have

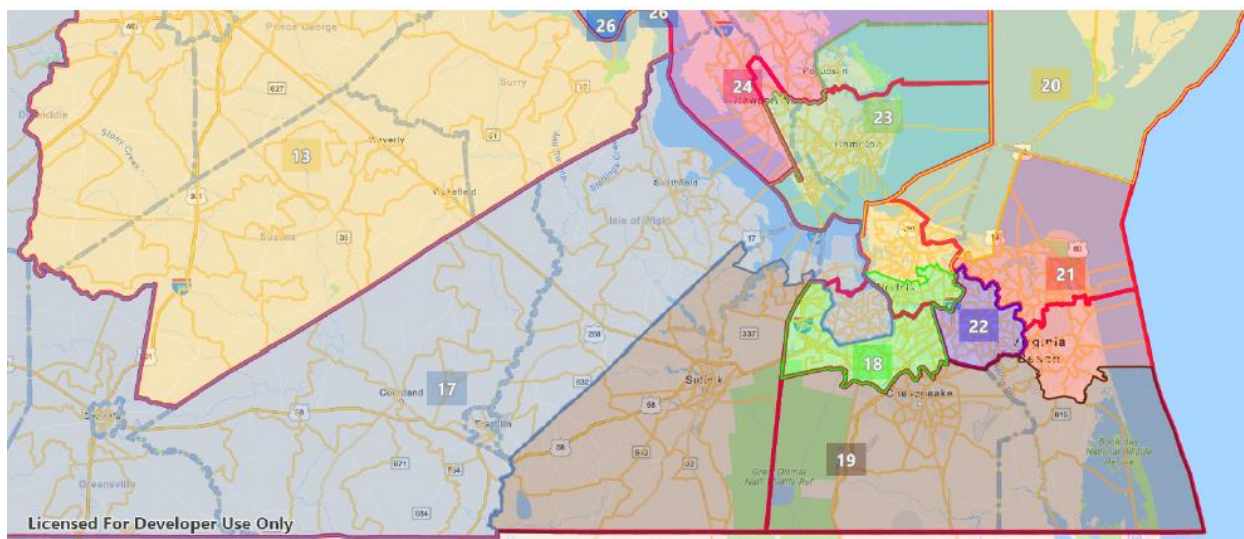
therefore proposed modifications to the draft Senate map that will avoid this unacceptable result while simultaneously improving the preservation of well-recognized communities of interest in the relevant regions. These and other proposed modifications, including to better preserve college and university communities, are detailed below.

I. Hampton Roads

We appreciate the Special Masters' recognition that the Senate districts in the Hampton Roads region are "among the most difficult districts to draw in the commonwealth, as they require a careful balancing of competing considerations based upon geography, community, and race." Memo from Special Masters to Supreme Court (Dec. 17, 2021) (hereinafter "Special Masters Memo"). Respectfully, however, the Special Masters' draft districts in this region would do significant harm to African American representation and would divide, rather than unite, well-recognized communities of interest.

Our proposed amendments to the Hampton Roads districts, shown in Figure 1 below, are aimed primarily at unpairing two long-serving African American Senators who have overcome tremendous challenges and racial discrimination to become historic and consequential figures in our Commonwealth. Additionally, our amendments better respect the region's main communities of interest by uniting Norfolk with South Norfolk on the one hand and with the Eastern Shore on the other, as well as keeping whole the suburban area of Virginia Beach. These amendments recognize the historic connections binding the City of Norfolk to these two areas, as well as the unity of economic and political interests that exist between them.

Figure 1. Proposed Amendments to Hampton Roads Districts¹



¹ In this figure and the others figures below, the color fields show Senate districts with our proposed amendments, using the same district numbering as the Special Masters' draft map. The red lines indicate the boundaries drawn by the Special Masters that we have proposed changing. Submitted to the Court under separate cover are the shape files and block assignment files for the entire statewide Senate map with all of our proposed amendments.

A. Senators Lucas and Spruill Should Not Be Paired in a Single District

Due to the Special Masters' decision not to consider incumbent addresses, the Special Masters' draft of the Hampton Roads districts inadvertently "double bunked" two heroes of Virginia's civil rights movement: Senator L. Louise Lucas and Senator Lionell Spruill, Sr. Specifically, the Special Masters' draft Senate District 18 combines northern portions of Chesapeake (where Senator Spruill resides) with the southern half of Portsmouth (where Senator Lucas resides).

Both of these respected legislators have overcome unimaginable hurdles in their personal lives and political careers, including invidious racial discrimination, and both have contributed immensely to improving the Commonwealth's record on civil rights. Pairing them in a single district, which would effectively expel at least one of them from the Senate, fails to respect the unique role that each of these iconic figures has played and continues to play in the troubling and evolving story of race relations in Virginia.

Senator L. Louise Lucas, the President Pro Tempore of the Virginia Senate, could not go to school when she was a girl because Portsmouth's school system was shut down by segregationists engaged in the strategy of "Massive Resistance." She became a mother at age 14, and even after the Portsmouth schools were reopened she was not able to complete high school. Despite these extreme obstacles placed in front of her as a result of racial discrimination, Senator Lucas persevered. In 1971, she became the first female shipfitter at Norfolk Naval Shipyard. From there, she rose to become the Command Federal Women's Program Manager at the Commander in Chief, U.S. Atlantic Fleet (CINCLANTFLT) and Equal Employment Manager at the Supervisor of Shipbuilding Conversion and Repair (SUPSHIP). Since leaving federal employment, Senator Lucas has been a business owner, a civic leader, and a college professor.

While Senator Lucas has been an activist all her life, her career in politics formally began in 1984 when she was elected as the first African American woman to serve on Portsmouth's City Council. She was elected to the Virginia Senate in 1991, where she has served with distinction ever since. As one of just three African American women in the chamber, Senator Lucas is a role model to generations of Virginians, especially African American women and girls. Senator Lucas is both the first woman and the first African American to serve as President Pro Tempore of the Virginia Senate. She serves as the Chairman of the Education and Health Committee and is third in seniority on the Finance Committee. Her loss in the Senate would deprive Virginia's African American community of significant influence on a statewide basis.

Senator Lionell Spruill, Sr. was born one of 16 children in the era of segregation, meaning his mother was denied access to a hospital. Because of a preventable mishap during birth, Senator Spruill was born with serious hearing problems and a speech impediment that rendered his speech unintelligible. He grew up in poverty, in a segregated school system with no resources to help him overcome his impediment.

Despite these hurdles, Senator Spruill obtained a job with the phone company, which paid for medical procedures that helped him hear and learn to speak. He began as a lineman and worked his way up to installer, then technician. He first entered politics when he realized that his hometown of South Norfolk was completely unrepresented in the leadership of the newly

merged City of Chesapeake. He ran and won as the first representative for South Norfolk on the Chesapeake City Council. In 1993 he won election to the House of Delegates, where he served with distinction until his election to the Senate in 2015. As the only African American man in the Virginia Senate, Senator Spruill is, like Senator Lucas, a role model to generations of Virginians. Senator Spruill is third in seniority among members in the majority on the Commerce and Labor Committee, and is chairman of its Energy Subcommittee.

While some pairing of incumbents may be unavoidable, this particular pairing is both harmful to minority representation in the Commonwealth and easily avoidable. By reuniting all of Portsmouth in a single district that connects with Suffolk and additional counties to the west, Senator Lucas would no longer be paired in the same district as Senator Spruill, giving both of them the opportunity to continue their historic representation of minority opportunity districts.

B. Norfolk and Northeastern Chesapeake Form a Well-Recognized Community of Interest, and Portsmouth Should Be Kept Whole

In addition to unpairing Senators Lucas and Spruill, our proposed amendments to Senate Districts 17 and 18 better preserve communities of interest by undoing a jurisdiction split in Portsmouth and combining the southern portion of Norfolk proper with the South Norfolk community of City of Chesapeake. This is superior to the Special Masters' configuration, in which the southern portion of Portsmouth is lumped together with the northern portion of Chesapeake in one district, while the northern portion of Portsmouth is sheared off into a separate district.

Uniting the southern portion of Norfolk with the northeastern portion of Chesapeake in District 18 would preserve a well-known community of interest. Indeed, the northeastern portion of Chesapeake is officially known as "South Norfolk," rightly reflecting its longstanding ties to the City of Norfolk. *See* "South Norfolk Community," City of Chesapeake Official Website (accessed Dec. 14, 2021).² This part of Chesapeake started as a "street car suburb" of Norfolk and was incorporated into the City of Chesapeake in 1963. *See* Suzy Looman, "History of South Norfolk," *HistoricSouthNorfolk.com* (July 5, 2021).³ The Special Masters appear to have recognized the ties between Norfolk proper and South Norfolk in drawing House District 92, which straddles both areas.

Modifying Senate District 18 to include South Norfolk and Norfolk would allow the redrawing of District 17 to include the entirety of Portsmouth and undo a jurisdiction split, which was one of the Special Masters' primary objectives. Portsmouth, one of Virginia's oldest settlements, is a community of interest unto itself. Its residents have immense hometown pride. For instance, the City hosts the annual Portsmouth Invitational Tournament, where college basketball seniors play in front of NBA scouts. Many top basketball stars played in the Tournament before successful pro careers, including Jimmy Butler, Scottie Pippin, Dennis Rodman, and John Stockton. *See* Portsmouth Invitational Tournament, Wikipedia (accessed Dec. 14, 2021).⁴ The City is also home to the African American Historical Society of Portsmouth, which recently put up murals honoring the City's Black history at the Portsmouth

² Available at <https://www.cityofchesapeake.net/communities/south-norfolk/community.htm>

³ Available at <https://www.historicsouthnorfolk.com/2012/07/05/history-of-south-norfolk/>

⁴ Available at https://en.wikipedia.org/wiki/Portsmouth_Invitational_Tournament

Welcome Center. J. Reyes, “Portsmouth group hopes murals in city’s Welcome Center are first step toward a more prominent display of African American history,” *Virginian Pilot* (Nov. 26, 2021).⁵ Keeping Portsmouth whole would also ensure that the entirety of draft House District 88 falls within Senate District 17, which better respects the “nesting” concept endorsed by the Special Masters for state legislative districts. Special Masters Memo at 9.

In order to equalize population, our proposed District 17 drops most of the City of Suffolk but retains the eastern portion of Southside, traveling along the Route 17 corridor. *See* “Route 17 Arterial Preservation Plan,” VDOT (Sept. 1, 2020);⁶ *see also* Special Masters Memo at 7 (defining communities of interest with respect to “travel arteries”).

C. The Eastern Shore and Norfolk Form a Community of Interest

We further suggest that Senate District 20 be modified such that the Eastern Shore is joined with Norfolk, including just a small sliver of Virginia Beach where the Chesapeake Bay Bridge Tunnel makes landfall. This is superior to the Special Masters’ configuration, in which the Eastern Shore is joined primarily with Virginia Beach, taking just a small sliver of Norfolk.

With this amendment, the map would preserve the strong community of interest that exists between the Eastern Shore and Norfolk. This community is reflected in the myriad economic and cultural ties that connect these two areas. For example, as amended, District 20 would follow the “Eastern Shore Corridor,” which was designated a “Corridor of Statewide Significance” and is centered on U.S. Highway 13. *See* “Eastern Shore Corridor,” VTrans2040 Multimodal Transportation Plan (2012).⁷ The Corridor centers on Norfolk as the “primary population center” and connects it with “the sparsely populated counties of Northampton and Accomack.” *Id.* Norfolk serves as a major “employment center” for the Eastern Shore counties, as well as a transportation hub that is home to the region’s airport. *Id.* And Norfolk’s Old Dominion University has a special relationship with Eastern Shore Community College and with the Wallops Island Spaceport, both of which are important institutions on the Eastern Shore. *See* Old Dominion University Partnership, Eastern Shore Community College Official Website (accessed Dec. 14, 2021)⁸; “Wallops Spaceport partnership that includes ODU expected to have role in new space station resupply project,” News@ODU (May 2008).⁹

Norfolk and the Eastern Shore also share significant political interests. Both areas of the Commonwealth unfortunately have median incomes significantly below Virginia’s statewide median. *See* Virginia Dep’t of Health, “Income and Poverty” (accessed Dec. 14, 2021) (Statewide - \$74,222; Accomack - \$46,073; Northampton \$47,227; Norfolk - \$51,590). In contrast, Virginia Beach’s median income is above the statewide median. *Id.* The poverty rates tell the same story: Accomack, Northampton, and Norfolk all have poverty rates in excess of 20% while Virginia Beach’s poverty rate is less than 10%. *See* Virginia Dep’t of Health,

⁵ Available at <https://www.pilotonline.com/history/vp-nw-fz21-portsmouth-welcome-center-historical-art-20211126-rcd2xvckfndtrmscolukjets4u-story.html>

⁶ Available at https://www.virginiadot.org/projects/hamptonroads/route_17_arterial_preservation_plan.asp

⁷ Available at <https://businessdocbox.com/Logistics/115944865-Vtrans2040-multimodal-transportation-plan-corridors-of-statewide-significance-needs-assessment-eastern-shore-corridor.html>

⁸ Available at <https://es.vccs.edu/about/projects-partnerships/odu/>

⁹ Available at https://odu.edu/news/news-archive/2008/05/WallopsSpaceportp_10208#.YbUMfahKjmE

“Poverty” (accessed Dec. 14, 2021). Norfolk and the Eastern Shore also share similar challenges with respect to education, with high percentages of students receiving free and reduced-price school meals. See Virginia Public School Free/Reduced Lunch Participation Rate by County, ZipDataMaps (accessed Dec. 14, 2021).¹⁰ These communities would be best served by a representative in the Senate who can focus on their shared challenges, in particular on advocating for measures that will help bring residents out of poverty.

The historical connections between the Eastern Shore and Norfolk further support joining those communities rather than splitting them. For example, in the late 19th century, Cape Charles, Northampton County’s largest town, was “planned as a hub for traffic flowing via steamboat and barge to and from Norfolk.” W. Thomas, B.M. Barnes, T. Szuba, *The Countryside Transformed: The Eastern Shore of Virginia, the Pennsylvania Railroad, and the Creation of a Modern Landscape*, Southern Spaces (July 31, 2007).¹¹ Before the service was shut down, the Eastern Shore was connected to Norfolk by twice-daily ferry trips carrying “mail, freight, cars, and passengers.” Clarence Lee Beebe, *A History of the Chesapeake Bay Ferries to Virginia’s Eastern Shore Prior to the Civil War* (August 1954).¹²

For all these reasons, for the last 20 years, the Eastern Shore has been drawn with Norfolk in Virginia’s Senate maps by caucuses controlled by both Democrats and Republicans, and we urge the Court to continue that practice today.

Finally, with this amendment District 20 would include the entirety of the Special Master’s proposed House District 94 without changes, advancing the Special Masters’ interest in “nesting” state legislative districts. Special Masters Memo at 9.

D. Virginia Beach’s Suburban Community of Interest Should be Preserved

The suburban portion of Virginia Beach is a community of interest that should be preserved in the Senate map. Our amended District 21 encompasses the entirety of Virginia Beach’s more densely populated suburban zone. See Virginia Beach Comprehensive Plan, Planning Area 1-1 (Nov. 20, 2018).¹³ This is superior to the Special Masters’ configuration, which splits the suburban zone, pairing the northern part with the rural Eastern Shore and the southern part of the suburban zone with the rural and undeveloped parts of Virginia Beach and southern Chesapeake.

In order to equalize population, our amended District 19 picks up the majority of the City of Suffolk, other than the Route 17 Corridor. This amendment preserves a community of

¹⁰ Available at <https://www.zipdatamaps.com/counties/state/economics/map-of-public-school-free-reduced-lunch-program-participation-for-counties-in-virginia>

¹¹ Available at <https://southernspaces.org/2007/countryside-transformed-eastern-shore-virginia-pennsylvania-railroad-and-creation-modern-landscape/>

¹² Available at <https://scholarship.richmond.edu/cgi/viewcontent.cgi?article=1085&context=masters-theses>

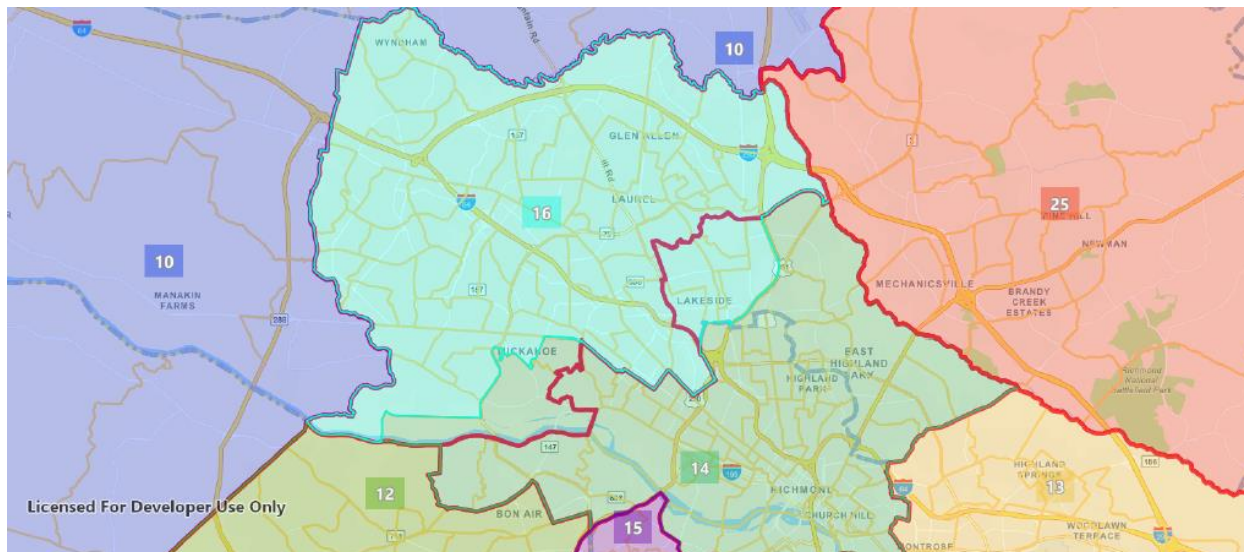
¹³ Available at https://www.vbgov.com/government/departments/planning/2016ComprehensivePlan/Documents/Fall%202020%20Update/CHAPTER%201_EntireChapterSections%2012-14-20%20MES.pdf

interest, as Suffolk is largely rural, and therefore a good match for District 19. *See* City of Suffolk 2026 Comprehensive Plan at Figure 3-1 (2018 ed.).¹⁴

II. Greater Richmond

We commend the Special Masters for creating an additional minority opportunity district in the greater Richmond area. As we explain below, it was demonstrated during the Redistricting Commission proceedings that the Voting Rights Act of 1965 (“VRA”) requires the creation of such a district. We respectfully urge the Court to recognize that the VRA requires the drawing in this region of an additional district in which African Americans have the opportunity to elect their candidate of choice, which the Special Masters have already done.¹⁵ And we suggest only modest amendments to the Special Masters’ draft districts, namely minor adjustments to the border between Districts 14 and 16 to better reflect communities of interest, as shown in Figure 2 below.

Figure 2. Proposed Amendments to Greater Richmond Districts



A. The Voting Rights Act of 1965 Requires the Creation of an Additional Minority Opportunity District in the Greater Richmond area

We commend the Special Masters for drawing an additional district in greater Richmond that will allow the region’s African American citizens the opportunity to elect a candidate of their choice (“minority opportunity district”), increasing the number of minority opportunity

¹⁴ Available at <https://www.suffolkva.us/593/Chapter-3-Land-Use-Growth-Management>

¹⁵ The Special Masters appear to have recognized this obligation. *See* Special Masters Memo at 22 (“Districts 13, 14 and 15 are minority opportunity districts. We forced ourselves to draw these districts within the constraints placed on other districts: Compactness, minimization of county splits and attention to communities of interest.”). We also agree with the Special Masters that the relevant inquiry under the VRA is not the literal number of “minority-majority districts” but rather the number of districts “where minority groups are able to elect their candidates of choice, either alone or in coalition with other groups.” *Id.* at 26-27.

districts in this area from two to three. We write to emphasize that this feature of the Special Masters' draft map is in fact required by federal law.

The Supreme Court's landmark opinion, *Thornburg v. Gingles*, sets out the criteria that, if met, require the drawing of a district in which a minority population has the opportunity to elect a candidate of that population's choice. 478 U.S. 30 (1986). In particular, Section 2 of the VRA requires the drawing of a minority opportunity district "[1] where the minority group is sufficiently large and geographically compact to constitute a majority in a single-member district and [2] is politically cohesive, and [3] where the majority votes sufficiently as a bloc to enable it ... to defeat the minority's preferred candidate." *Personhuballah v. Alcorn*, 155 F. Supp. 3d 552, 565 (E.D. Va. 2016) (citing VRA and *Gingles*, 478 U.S. at 50-51).

Those criteria are met here. The Redistricting Commission received as part of public submissions a map demonstrating that greater Richmond's African American population is "sufficiently large and geographically compact to constitute a majority" in an additional single-member district. *Personhuballah*, 155 F. Supp. 3d at 565. We incorporate that map by reference here. Record of the Virginia Redistricting Commission (accessed Dec. 14, 2021).¹⁶ This evidence satisfies the first *Gingles* criterion. See, e.g., *Wright v. Sumter Cty. Bd. of Elections & Registration*, 979 F.3d 1282, 1304 (11th Cir. 2020) ("The undisputed evidence presented showed that Sumter County's black residents could form a majority in at least one additional, single-member district.").

The second and third *Gingles* criteria are also met because there is at least some measure of "racially polarized voting" within the Senate districts surrounding Richmond. See, e.g., *Alabama State Conf. of Nat'l Ass'n for Advancement of Colored People v. Alabama*, 2020 WL 583803, at *26 (M.D. Ala. Feb. 5, 2020) ("Racial bloc voting, also termed racially polarized voting, is the linchpin of a § 2 vote dilution claim and the embodiment of the second and third *Gingles* preconditions."). The Redistricting Commission received evidence that racially polarized voting exists in parts of this region of the Commonwealth. M. Palmer & B. Schmeer, "Racially Polarized Voting Analysis for the Virginia Redistricting Commission," Record of the Virginia Redistricting Commission (Aug. 31, 2021) (accessed Dec. 14, 2021).¹⁷ The report on racially polarized voting submitted to the Commission found as much as a 20% gap between the voting of patterns of whites and racial minorities in parts of this region. *Id.* at 5.

Because the three factors are met, Section 2 of the VRA requires the drawing of an additional minority opportunity district in greater Richmond. We appreciate that the Special Masters' draft Senate map already satisfies this requirement, and we respectfully urge the Court to confirm their work in this regard.

¹⁶ Available at <https://www.virginiaredistricting.org/legdistricting/comments/plan/130/1>

¹⁷ Available at https://virginiaredistricting.org/2021/Data/Publications/palmer_schmeer_rpv_report.pdf

B. The Boundary Between Districts 14 and 16 Should Be Amended to Better Reflect Communities of Interest

We propose adjusting the boundary between Districts 14 and 16 to keep the Hermitage High School attendance zone together in the north, and to keep whole the community of interest anchored on the University of Richmond in the south.

In the Special Masters' draft map, the Hermitage High School attendance zone is split between District 14 and 16. *See* Henrico School Locator, HCPS Official Website (accessed Dec. 14, 2021).¹⁸ The southeastern portions of the attendance zone are in District 14, while the school itself and the attendance zone north of Parham Road are in District 16. Our amendment would move the southeastern portion of the attendance zone into District 16, with the exception of one precinct that is kept with District 14 in order to preserve the Chamberlayne community of interest. *See* "Chamberlayne," UVA Data, Map of Virginia Census Designated Places (accessed Dec. 14, 2017).¹⁹ Chamberlayne has been recognized by the federal government as a "closely settled, unincorporated community[y] that [is] locally recognized and identified by name." "Census Designated Places (CDPs) for the 2020 Census—Final Criteria," 83 Fed. Reg. 56290 (Nov. 13, 2018). Keeping this attendance area is important, as in suburban environments, high schools are often the primary organizing and rallying point for community activity and a center of community organization, and significant research has validated that unified community schools build unified communities. *See generally* S. Bingler, et al., "Schools as Centers of Community," National Clearinghouse for Educational Facilities (2003).²⁰ Hermitage High School in particular plays a central cultural role as one of the oldest high schools in greater Richmond, dating to 1936 when Virginia began to modernize its education infrastructure during the New Deal. "Hermitage High School," Wikipedia (accessed Dec. 14, 2021).²¹

Our adjustments to the border on the northern bank of the James River are designed to preserve the community of interest centered on the University of Richmond. Located on the border between Henrico and Richmond, the University is an economic and cultural hub for Virginians residing in both localities. For instance, the University of Richmond has undertaken detailed historical studies of the land to its west—the former Westham Plantation—reflecting the deep ties that connect the University to that part of Henrico, forming a single community of interest. *See* L. Lee & S. Driskell, "Knowledge of This Cannot Be Hidden: A Report on the Westham Burying Ground at the University of Richmond" at 8 (Dec. 2019).²² And the connections between the University and the Westham neighborhood directly north of it are well established. *See, e.g.,* Westham Garden Club ("The Westham Garden Club was established on May 25, 1943, to preserve and enhance the natural beauty of Westham, a neighborhood adjacent to the University of Richmond and nestled in mature woodlands a short distance from the historic James River.").²³ In this letter, the Senate Democratic Caucus is also requesting similar

¹⁸ Available at

<https://henrico.maps.arcgis.com/apps/InformationLookup/index.html?appid=5651e3877c5243a19215f9a7fc7a4dc5>

¹⁹ Available at <https://www.arcgis.com/apps/mapviewer/index.html?layers=3a1fa38398a143b290099b65ea51d127>

²⁰ Available at <https://files.eric.ed.gov/fulltext/ED539486.pdf>

²¹ Available at [https://en.wikipedia.org/wiki/Hermitage_High_School_\(Virginia\)](https://en.wikipedia.org/wiki/Hermitage_High_School_(Virginia))

²² Available at <https://equity.richmond.edu/about/foundational-work/inclusive-excellence/report-pdfs/burying-ground-report.pdf>

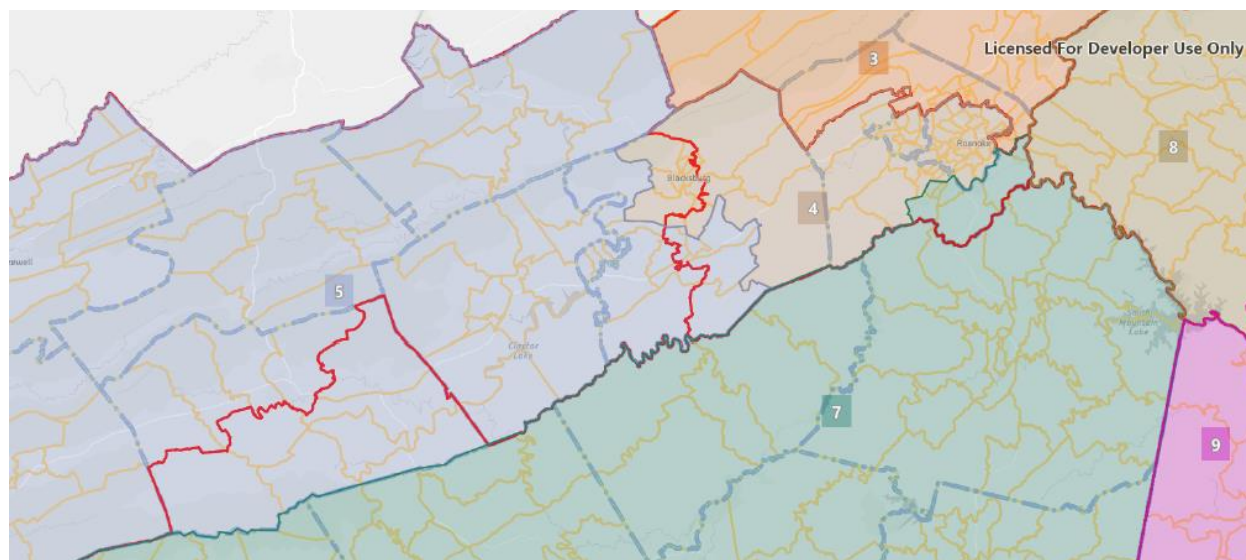
²³ Available at <https://westhamgardenclub.com/our-club/>

changes that seek to consolidate communities of interest around Virginia’s major universities in Blacksburg (Virginia Tech; Senate District 4) and Fairfax (George Mason; Senate District 37). The Special Masters appear to have recognized the significance of university communities by consolidating legislative districts around other major Virginia university communities such as the University of Virginia (Senate District 11; House District 54), The College of William and Mary (Senate District 24; House District 71), James Madison University (Senate District 2; House District 34), Radford University (Senate District 5, House District 42), Virginia Commonwealth University (Senate District 4; House District 78), Old Dominion University (Senate District 21; House District 92), and Washington & Lee University (Senate District 3, House District 37).

III. West Central Region

We appreciate the Special Masters’ “attempt[] to place Roanoke, Salem and Blacksburg in the same district, to reflect what some have reported as a community of interest.” Special Masters Memo at 21. In particular, there is a strong community of interest anchored on Roanoke/Salem at the eastern end and the Blacksburg suburbs on the western end. While the Special Masters reported that they were unable to preserve this community in a single Senate district “given equal population constraints,” *id.*, it is in fact feasible to do so by moving the Town of Blacksburg into District 4. As shown in Figure 4 below, our proposed amendments to Senate Districts 4, 5, and 7 preserve this community of interest while staying within equal population constraints. Our amendments also improve the compactness of these districts.

Figure 3. Proposed Amendments to West Central Virginia Districts



The single community of interest formed by the union of Roanoke/Salem and Blacksburg is long established and well recognized. The two communities are joined by I-81, and many residents commute between them each day. The region’s airport recognizes the community of interest in its name: Roanoke-Blacksburg Regional Airport. *See* FlyROA.com (accessed Dec. 14, 2021). Virginia Tech has campuses in both Roanoke and Blacksburg, which are linked by Smart Way Express, a dedicated bus service run by Valley Metro, free for Virginia Tech students and staff. *See* Blacksburg-Roanoke Smart Way Shuttle, Virginia Tech Website (accessed Dec.

14, 2021).²⁴ Virginia Tech’s facilities in Roanoke include the Fralin Biomedical Research Institute at Virginia Tech, a Carilion partnership. And Virginia’s 2021 state budget provided for \$83.5 million to extend intercity rail service from Roanoke to Montgomery County, where it will be used by many Virginia Tech students and staff. *See* E. Jones, “NRV to get Amtrak service; Roanoke to get 2nd daily train,” WFIR News Talk Radio (May 5, 2021).²⁵ In order to equalize population in our proposed configuration, Christiansburg, a town with far fewer connections to Virginia Tech than Roanoke, was moved into District 5.

Additionally, many of the region’s citizens testified eloquently before the Redistricting Commission as to the web of connections that bind together these communities. *See, e.g.*, Ex. Public Comment West Central Region at 24, Records of the Virginia Redistricting Commission (accessed Dec. 14, 2021),²⁶ Testimony of Austin Pryor (“I am a resident of Roanoke City and work for Virginia Tech and commute almost daily to Blacksburg down in the New River Valley. I find great connection between the two areas of the Roanoke Valley and New River Valley ... These interest would be best represented by one State Senator to jointly represent both communities.”); *id.* at 25, Testimony of James. B. McCloskey (“The Roanoke and New River Valleys shar[e] multiple shared resources and values. In addition to the colleges and universities, there [is] the huge medical community that blankets our region. Not just the Carilion and Lewis Gale health systems but the joint efforts of Radford University Carilion and Virginia Tech Carilion School of Medicine and Research Center the latter of which includes multi-disciplinary project active on both the Riverside and Blacksburg campuses. This proposed change also consolidates the entire Virginia Tech Community into one senate district similar to other universities as described above. And, don’t forget the Roanoke-Blacksburg Regional Airport!”).

Our proposed amendments in this region have the added benefit of eliminating the part of the Special Masters’ draft District 7 that crosses the Blue Ridge. The Special Masters were correct to identify the Blue Ridge Mountains as “a natural dividing line for communities of interest.” Special Masters Memo at 12. But in their draft Senate map, District 7 crosses the Blue Ridge by traversing the border from Carroll and Grayson Counties and splitting Wythe County. *See* “Wythe County,” Geology Mineral Resources Webmap, Virginia Energy (accessed Dec. 14, 2021).²⁷ Our proposed amendments eliminate the split of Wythe County and preserve the Blue Ridge Mountains as a dividing line, crossing them only at the Roanoke River Valley, one of the range’s few “easy crossings.” Special Masters Memo at 12.

IV. Loudoun and Fauquier Counties

Districts 28, 31, and 32 should be modified to better reflect the region’s communities of interest. As shown in Figure 4 below, we have adjusted the boundary between Districts 31 and 32 in two places to keep HOAs and school attendance zones together and to better reflect the divergent political interests of the eastern and western portions of Loudoun County. And we have adjusted the boundary between Districts 31 and 28 to keep Warrenton together with the

²⁴ Available at <https://parking.vt.edu/alternative/regional/blacksburg-roanoke-smart-way-shuttle.html>

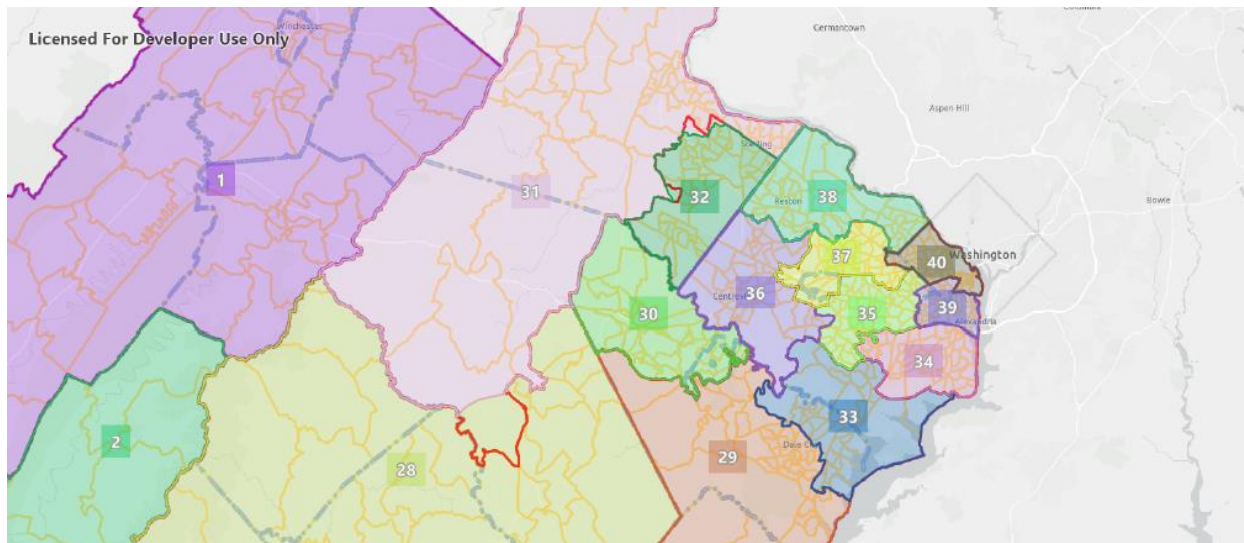
²⁵ Available at <https://wfirmnews.com/news/nrv-to-get-amtrak-service-roanoke-to-get-2nd-daily-train>.

²⁶ Available at <https://www.virginiaredistricting.org/2021/Data/ref/SubmittedComments/11-19-21%20west%20central%20region%20input.pdf>

²⁷ Available at <https://energy.virginia.gov/webmaps/GeologyMineralResources/>

area directly to its south and to divide Fauquier County on a more intuitive line than the split suggested by the Special Masters.

Figure 4. Proposed Amendments to Loudoun and Fauquier County Districts



The first amendment to the north is aimed at preserving the Belmont Greene community of interest in a single district (District 31). Belmont Greene is a fast-growing and tightknit community of homeowners, anchored on Belmont Country Club to the north and walking distance to Stone Bridge High School to the south. It is part of the Stonebridge High School attendance zone. *See* Stone Bridge High School 2021-2022 Attendance Zone.²⁸ It is also a Census Designated Place, meaning it is a “closely settled, unincorporated community[y] that [is] locally recognized and identified by name.” “Census Designated Places (CDPs) for the 2020 Census—Final Criteria,” 83 Fed. Reg 56290 (Nov. 13, 2018); *see also* “Belmont,” UVA Data, Map of Virginia Census Designated Places (accessed Dec. 14, 2021).²⁹

The Special Masters’ draft Senate map divides this community in two: the bulk of the homes are in District 31, with Stonebridge High School, the Belmont Greene Community Pool, and the rest of the community in District 32. Our proposed amendment would keep Belmont Greene together in District 31, and generally better preserve the Stone Bridge High School attendance zone in a single district. *Id.*

Moving south, our second amendment is aimed at preserving the Brambleton community of interest by keeping it entirely within District 32. Numerous public comments submitted to the Court have requested this change. *See, e.g.,* Comment of Ravi Balam, Interactive Proposed Map (accessed Dec. 14, 2021) (“Brambleton should not be divided. It makes most sense for all of it to be in 32nd as it is most like its northern, southern and eastern neighbors like Ashburn, Sterling and S. Riding.”).³⁰

²⁸ Available at <https://www.lcps.org/cms/lib/VA01000195/Centricity/Domain/27213/StoneBridgeHS21-22.pdf>

²⁹ Available at <https://www.arcgis.com/apps/mapviewer/index.html?layers=3a1fa38398a143b290099b65ea51d127>

³⁰ Available at <https://www.virginiaredistricting.org/legdistricting/comments/plan/514/1>

This amendment would better reflect the east-west division of Loudoun County, with eastern Loudoun being more suburban and western Loudoun being more rural. *See* Loudoun County Comprehensive Plan at 170 (2019).³¹ This rural-suburban division represents more than just a change in zoning policy—the two areas of the county have many divergent political interests. *See, e.g.,* T. Baratko, “Chair Randall says people in eastern Loudon don’t understand the west,” *Loudoun Times* (Oct. 19, 2016)³²; R. Nelson, “A Tale of Two Counties,” *Virginia Living* (Feb 2017).³³ In the Special Masters’ draft map, District 31 is primary rural, except for where it crosses Northstar Boulevard, the dividing line in Loudoun’s comprehensive plan between rural and suburban areas of the County. *See* Comprehensive Plan at 170. Our amendment would move the suburban precinct out of rural District 31 and unify it with District 32, which shares its suburban character.

Our final proposed amendment in this region joins the area of Fauquier County south of the town of Warrenton with Warrenton proper in District 28. In addition to keeping Warrenton together with its immediate surroundings, this amendment uses Route 211 as the boundary of the jurisdiction split of Fauquier County. This “travel artery,” linking Warrenton and New Market, is a more intuitive way to split Fauquier than the Special Masters’ configuration, which followed Route 15 south and then Route 621 back north. *See* Special Master Memo at 7.

V. Greater Fredericksburg

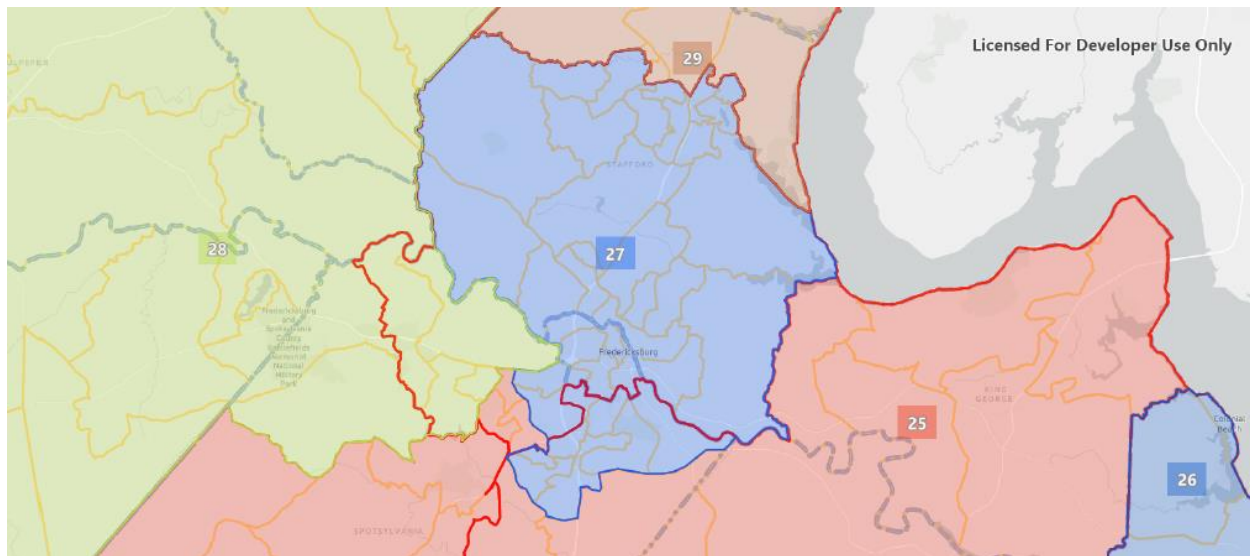
District 27 should be modified, as shown in Figure 5 below, so that it picks up the fast urbanizing areas around I-95 south of the City of Fredericksburg and gives up the rural areas in the southwest of the district around Chancellor.

³¹ Available at <https://www.loudoun.gov/DocumentCenter/View/152285/General-Plan---Combined-with-small-maps-bookmarked>

³² Available at https://www.loudountimes.com/news/more-chair-randall-says-people-in-eastern-loudoun-dont-understand-the-west/article_e35a48ea-f05b-5cd6-be34-dc0530b3ba60.html

³³ Available at <http://www.virginialiving.com/culture/a-tale-of-two-counties/>

Figure 5. Proposed Amendments to Greater Fredericksburg Districts



The area south of Fredericksburg along I-95 lies between I-95, U.S. 17, and a VRE Station, and has been zoned as “mixed use,” meaning that it is a “compact, walkable community with a more dense development pattern.” Spotsylvania Comprehensive Plan at 6 (mixed used definition), 19-20 (map) (amended 2018).³⁴ This part of Spotsylvania, connected to the city by U.S. 17, is also similar to Fredericksburg in that its development is served and anchored by a VRE station that opened in November, 2015. K. Weir, “VRE to expand into Spotsylvania County,” *Washington Examiner* (July 4, 2012).³⁵ Before the opening of that station, 1,000 residents traveled from this area of Spotsylvania to Fredericksburg every day. *Id.* This station attracts a similar type of employment and development pattern as Fredericksburg, as it serves “commuters who [formerly] travel[ed] to Fredericksburg to catch the Washington-bound train.” L. Lazo, “VRE Spotsylvania station to open Monday,” *Washington Post* (Nov. 15, 2015)³⁶

This section of Spotsylvania County is therefore more similar in character and in political interests to the City of Fredericksburg, and forms a community of interest, often referred to as “Greater Fredericksburg.” But in the Special Masters’ draft map, Districts 25 and 27 divide up this community of interest, with the urbanizing portion of Spotsylvania County included in District 25, a predominantly rural district. The parts of District 25 making up the southern portion of Greater Fredericksburg should instead be drawn into District 27 and included with Fredericksburg proper.

To offset the increase in population, District 27 should give up the sections of Spotsylvania County around Chancellor and the Chancellorsville Battlefield. These areas have been zoned “low density residential,” “rural residential,” and “agricultural and forestall,” Spotsylvania Comprehensive Plan, *supra*, at 19, and are likely to remain so given the presence of the Chancellorsville National Battlefield and large sections of private land inside the battlefield

³⁴ Available at <https://www.spotsylvania.va.us/DocumentCenter/View/2119/Comprehensive-Plan-PDF>

³⁵ Available at <https://www.washingtonexaminer.com/vre-to-expand-into-spotsylvania-county#.UHHsr66rgXg>

³⁶ Available at <https://www.washingtonpost.com/news/dr-gridlock/wp/2015/11/15/vre-spotsylvania-station-opens/>

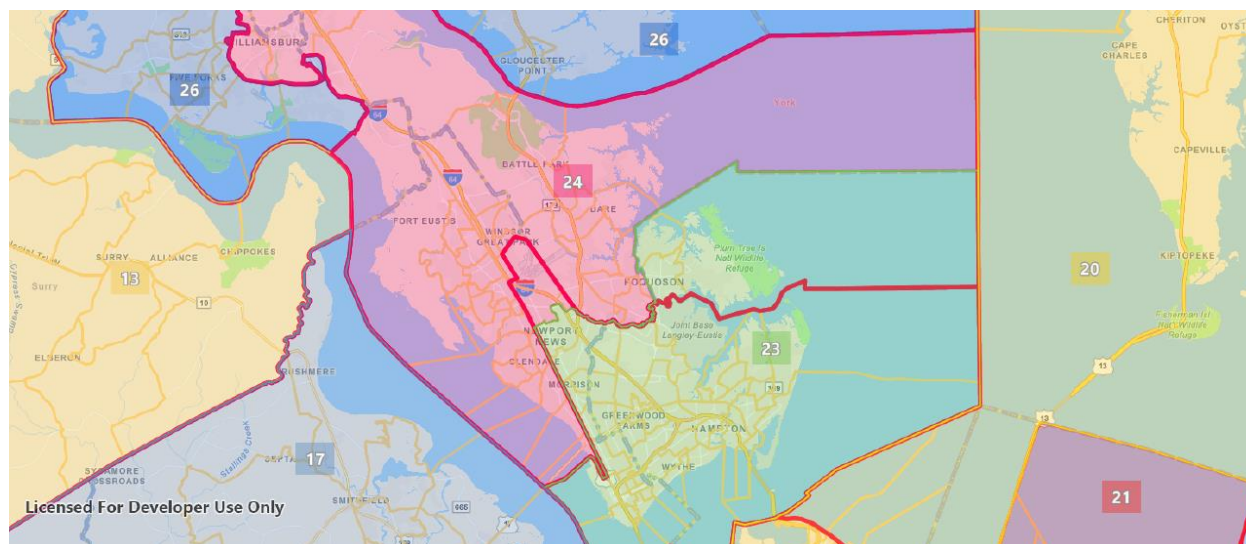
with development restrictions. They thus form a community of interest with the other rural areas included in District 25. The entire proposed District 25 has no VRE Stations, as VRE service ends at the Spotsylvania Station.

We note that many Virginians testified in favor of a district substantially similar to our amended District 27. *See, e.g.*, Public Comment Northern Region at 39, Records of the Redistricting Commission (accessed Dec. 14, 2021)³⁷; *id.* 43; *id.* at 58; *id.* at 60 (“I share similar concerns with the residents of the more developed Fredericksburg area, rather than those in rural Spotsylvania.”); *id.* at 78.

VI. Virginia Peninsula

On the Virginia Peninsula, District 23 should be redrawn to include the entirety of both Poquoson and Hampton, giving up portions of Newport News to District 24 to equalize population and reduce the split of that locality.

Figure 6. Proposed Amendments to Virginia Peninsula Districts



Drawing District 23 in this way would preserve the community of interest that exists between Hampton and Poquoson. This community is demonstrated by a shared geography, as Poquoson and Hampton are the Peninsula’s two Atlantic facing localities. The two localities also sit on opposite banks of the Back River, an estuarine inlet of the Chesapeake Bay. The U.S. District Court for the Eastern District of Virginia recognized and validated this community of interest in 2019 by adopting a special master-recommended remedial House of Delegates district consolidating parts of Hampton and Poquoson together into one district. *See Bethune-Hill v. Virginia State Bd. of Elections*, 368 F. Supp. 3d 872, 889 (E.D. Va. 2019) (adopting Remedial Plan, Dkt. 355-3).

³⁷ Available at <https://www.virginiaredistricting.org/2021/Data/ref/SubmittedComments/11-19-21%20northern%20region%20input.pdf>

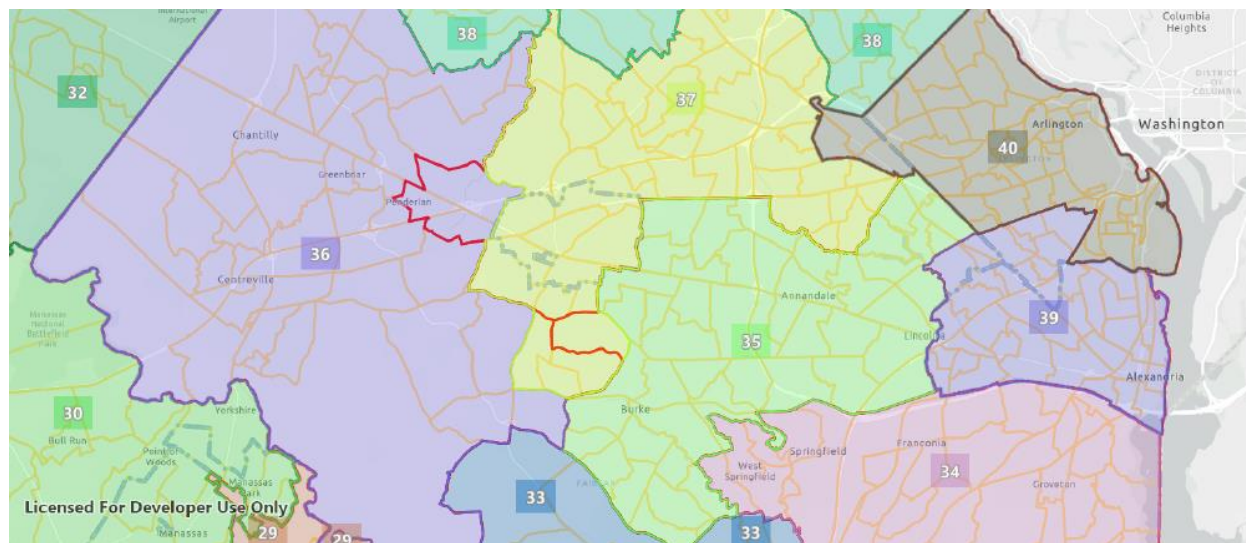
There are also economic similarities between Hampton and Poquoson. Because of their shared distinctive geography, for example, the two localities “developed as hubs for waterman fishing and shellfishing in the Atlantic Ocean, Chesapeake Bay, and tidal rivers,” while other regional localities developed into a commercial waterfronts. Virginia Working Waterfront Master Plan at 71 (Sept. 2016).³⁸ Today, in both localities, recreational boating plays a large economic role. *See* M. Pizer, “Study values annual impact of Hampton boaters at \$55M,” Virginia Institute of Marine Science (Mar. 12, 2009); “Kayaking & Boating in Poquoson,” Poquoson Official Website (accessed Dec. 14, 2021).

Redrawing Districts 23 and 24 as we suggest would keep this community of interest together, and would allow more of Newport News to be in the same district, vindicating the interest in “minimizing splits in counties and cities.” Special Masters Memo at 5. It would also allow for the District 23 to contain the entirety of proposed House District 86, advancing the Special Masters’ interest in “nesting.” *Id.* at 9 (Dec. 7, 2021). And, with this amendment, the Newport News/Williamsburg Airport would be, as its name suggests, in the same district as both Newport News and Williamsburg.

VII. Fairfax County

Consistent with other amendments we have proposed, Districts 36 and 37 should be amended to preserve George Mason University as a community of interest, as shown in Figure 7 below and as advocated for other university communities above.

Figure 7. Proposed Amendment to Fairfax County



These minor change puts the entirety of George Mason University and its surrounding neighborhoods into District 37. To equalize population, the commercial area around Fair Oaks has been moved into District 36, which has the added benefit of keeping more of that Census

³⁸ Available at

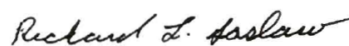
https://www.hrpdcva.gov/uploads/docs/7A_Attachment_Virginia%20Working%20Waterfront%20Master%20Plan.pdf

Designated Place together. *See* “Fair Oaks,” UVA Data, Map of Virginia Census Designated Places (accessed Dec. 14, 2021);³⁹ *see also* “Census Designated Places (CDPs) for the 2020 Census—Final Criteria,” 83 Fed. Reg 56290 (Nov. 13, 2018) (a Census Designated Place is “closely settled, unincorporated community[y] that [is] locally recognized and identified by name.”).

* * *

In closing, the Senate Democratic Caucus once again expresses our appreciation for the diligent efforts of the Special Masters to this point, the Court’s adoption of a robust public comment process with public hearings, and the prompt publishing and indexing of public comments. Generally speaking, the Special Masters’ draft Senate map presents compact districts that do a reasonable job reflecting the will of Virginia’s voters. Inevitably, however, the Special Masters were not aware of certain local conditions unique to the Commonwealth, such as the importance of avoiding the pairing of two senior African American senators and civil rights icons, Senators Lucas and Spruill, in the same district. Nor were the Special Masters aware of every particular of Virginia’s cultural geography. The Senate Democratic Caucus accordingly has proposed a modest number of targeted changes to ensure that the Senate map tracks Virginia’s communities of interest to the greatest extent possible while still respecting the many other important factors that the Special Masters considered. We thank the Special Masters and the Court for giving due consideration to our comments and proposed amendments, and to the input of the public, following the release of the Special Masters’ draft maps.

Sincerely,



Senate Majority Leader Richard L. Saslaw

CC: Speaker of the House of Delegates Eileen R. Filler-Corn
Senate Minority Leader Thomas K. Norment
House of Delegates Minority Leader C. Todd Gilbert

³⁹ Available at <https://www.arcgis.com/apps/mapviewer/index.html?layers=3a1fa38398a143b290099b65ea51d127>

From: cwgcd@aol.com
To: [Redistricting](#)
Subject: Redistricting 69 and 71
Date: Wednesday, December 15, 2021 3:22:51 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Your honors,

My husband and I have lived in James City County, 69th district, for fifty years. We know that despite being two different political entities, the city of Williamsburg and James City county are in many, if not most, ways a single community. The unusual joint school division, WJCC, and my home address are clear evidence of that community. We are best served by keeping the districts as much intact as is currently the case.

Clearly, Gloucester does not belong in the 69th, having its own clear identity as one of the several small communities identified by being on the opposite side of the river and having its own customs, culture, and institutions.

Please take this letter into consideration as you redistrict so that our representatives can be just that, ie. people who know our community and can communicate its needs to the General Assembly.

Thank you for your work on behalf of the Commonwealth and its residents.

Sincerely,
Corinne W. Garland
116 Crownpoint Rd
Williamsburg, VA 23185

From: [S. CASNER](#)
To: [Redistricting](#)
Subject: Re: Redistricting
Date: Wednesday, December 15, 2021 3:28:20 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Dear sirs,

I understand you are about to make decisions about changing the district lines here in Northern Virginia. You will violate a number of directives if you do this.

We have lived near Mount Vernon for a number of years and have a grave concern having heard that this area will be affected and drastically changed if your proceed with what I have heard your plan is. If this is put through it will effectively do away with the area we all have successfully and happily lived in many many years. It will not be taken lightly. The community will

No longer exist. Is this what you are trying to accomplish?

The division of our community will be experienced in a number of ways. It will definitely have a most negative impact and will not bring forth good.

It is my hope that you will truly hear and respond appropriately by NOT CHANGING the district boundaries!

Most sincerely,

(Mrs) Sue Casner

Sent from my iPhone

From: [eve.schwartz](#)
To: [Redistricting](#)
Subject: Albemarle County division
Date: Wednesday, December 15, 2021 3:29:17 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Albemarle County should NOT be divided between two districts as indicated in the current proposal. Albemarle County/Charlottesville City function as an entity--dividing that entity in half along a division as random as an interstate highway is illogical, if the purpose of the new map is to keep communities of interest together. We are currently divided up into separate districts for the purposes of gerrymandering--the new maps are supposed to rectify that.

Eve Schwartz
3308 Merrick Court
Keswick, VA. 22947

From: [Joseph Baron](#)
To: [Redistricting](#)
Subject: Norfolk and CD2
Date: Wednesday, December 15, 2021 3:54:16 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Greetings. I write to oppose this current map outline which completely removes Norfolk from CD 2. As a lifelong resident of Norfolk from a military family and veteran, I do not believe splitting Norfolk and Virginia Beach ensures both communities are represented in a way that ensures our military and veterans maintain advocacy in Congress. Further, Norfolk and Virginia Beach are communities with mutual interests which become diluted by not having a member of Congress speaking for our communities with one voice. The communities of Suffolk and Isle of Wight have little in common with the cities of Virginia Beach and Norfolk. However, Norfolk and Virginia Beach have mutual interests of great importance. As previously stated, the military is deeply imbedded in both our communities. Our communities' economic interests are joined together with jobs, services, and workforces all entwined. Norfolk and Virginia Beach share the same shoreline of the Chesapeake Bay. In part, the Chesapeake Bay as an environmental resource is why the Eastern Shore, Virginia Beach, and Norfolk are communities who should have a single voice representing those concerns instead of any dilution of advocacy. As the map has been created, all of Norfolk would fall into the boundaries of 3rd Congressional District. While Hampton and Newport News are members of the Hampton Roads community, they make up most of the district and needs specific to Norfolk would be severely diluted. Previously, Norfolk was served by two Congressional representatives. It made sense since part of our community needs are closely aligned with those of parts of Virginia Beach and part of our community needs are akin to the needs in Hampton and Newport News. Norfolk has been well served by that model and I encourage you to seek to ensure we get the representation which makes sense to all of Norfolk and the region generally.

Joe

Joseph Baron
(757) 270-8205

From: [Larkin Dudley](#)
To: [Redistricting](#)
Subject: Comment on proposed maps
Date: Wednesday, December 15, 2021 4:02:21 PM

EXTERNAL EMAIL

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Separating Blacksburg from Radford and Christiansburg violates the common interest factor in redistricting. Please reconsider.

Thank you,
Larkin Dudley
902 Vista Terrace
Blacksburg, VA

From: [Sarah Sussan](#)
To: [Redistricting](#)
Subject: Transcript of Testimony 12/15/21, Redistricting Map
Date: Wednesday, December 15, 2021 4:07:40 PM

EXTERNAL EMAIL

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Ms, Abernathy,

Per our previous email, here is the transcript of my testimony today. Thanks for all of your help. Merry Christmas and good health to you and your staff.

To: The Supreme Court of Virginia

From: Sarah E. Sussan, Midlothian/Chesterfield

RE: Redistricting Maps released to the public for input

Format: Transcript of Testimony given before the Court Weds. December 15.

Good afternoon, Justices, Masters Grofman and Trende, Clerk of the Court, fellow residents of the Commonwealth. Thank you for this opportunity to address the Court. My name is Sarah Sussan. I reside in Midlothian in Chesterfield County.

To me, the first step in a successful plan is a strong foundation. In the case of a redistricting map that strong foundation should be built around existing county and city entities where residents are bound by government, and communities of interest where people are joined by social, economic and cultural interests.

On page 5 of their memo, the Masters say they began by, among other things ‘MINIMIZING SPLITS IN COUNTIES AND CITIES,’ yet across the Commonwealth counties and cities have been ripped apart, not just tweaked to accommodate changes in our population.

Specifically impacting my area, Chesterfield County is split East to West, adding

Chesterfield’s western split to the vast rural areas of the 5th district. Not only does this dilute the vote of our suburban population, it also wrests Chesterfield County away from its Community of Interest to the north.

Since we moved here 32 years ago the Huguenot Bridge has been rebuilt, and the Willey Bridge and Route 288 arteries have been added, connecting Chesterfield County northward to Henrico. The James River, while a significant natural feature, is not a boundary between these two areas but rather a connector, between communities that share interests and concerns. Our economic, educational, and cultural bonds have been strengthened by the REGIONAL COOPERATION in this RICHMOND METROPOLITAN AREA.

We share the same concerns about clean water and the environment, about urban sprawl and its impact on our economy, and about affordable housing for our burgeoning populations. Our hospitals and medical care are interdependent. We share the Governors schools, sports facilities and responsibility for our infrastructure. WE need to be able to elect representatives who will address the concerns of our suburban county as a whole, and our community of interest. The residents of the more rural or agricultural areas deserve to have their significant needs and concerns addressed by representatives THEY elect who can concentrate on issues directly impacting them.

To deny that Chesterfield and Henrico are a COMMUNITY OF INTEREST is folly; to sever Chesterfield County from Henrico in Congressional representation and link it with the more

rural southern and western areas is to deny BOTH COMMUNITIES the representation they deserve, and could get, if a new, fair map were drawn. I urge the Court to instruct the Masters to go back to the drawing board, to pay attention to the counties, cities and communities of interest and to develop a map that does not pack districts thereby muting minority voices, that does not dilute suburban votes, and does not totally BLOW UP a map that could have been tweaked! Thank you for listening.

--

Cindy Sussan

Cindy.Sussan@gmail.com

804-543-4409

Texting me is usually faster!

From: [Mike Hatfield](#)
To: [Redistricting](#)
Subject: Redistricting Map - 69th House District
Date: Wednesday, December 15, 2021 4:11:09 PM

EXTERNAL EMAIL

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District lines should be drawn to create boundaries that are “compact and contiguous” — establishing common bonds within each district for the most effective representation of its citizens. But the proposed map separating the City of Williamsburg from Lower James City County would break longstanding associations of these areas in terms of history, transportation, education, business and communications. These two neighborhoods should NOT be separated in your final map. They should both be a part of the Hampton Roads delegation and be planted together in the new 69th District.

Thanks for your consideration,

Mike Hatfield
James City County

From: [Maureen Kennedy](#)
To: [Redistricting](#)
Subject: Redistricting
Date: Wednesday, December 15, 2021 4:12:53 PM

EXTERNAL EMAIL

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I am a resident of Goochland County.

Thank you for being open to the views of the public.

I'm sure this is not an easy task but I am concerned that my community will be split according to the draft map presented.

Goochland County, for us, has been a part of the greater Richmond metro area. That is one of the reasons we love living in Goochland Co. The new CD map places us with communities that are not a part of the Richmond metro area. The Northern Neck is rather remote, with very different needs than our suburban/metro area. We commute via Route 288 to friends in Powhatan & Chesterfield frequently. We all share the same economic & social life of Richmond.

Is there a way to keep us united?

Thank you,

Maureen Kennedy

Sent from my iPhone

From: [Lynne Gassner](#)
To: [Redistricting](#)
Subject: Keep Stafford with counties to the east, south, or west
Date: Wednesday, December 15, 2021 4:34:56 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

To Whom It May Concern:

I am very concerned about the proposed redistricting of Stafford and Fredericksburg.

The proposed New 7th District ignores the long-standing relationships that Stafford holds with the counties surrounding it in the Rappahannock Region. Almost all of Stafford's regional interests and affiliations are with communities to the east, south, or west rather than to the north. Stafford County should not be attached to Northern Virginia simply because I-95 runs through it. Stafford is more than just a couple of exits off the highway. Please reflect our real world affiliations in the maps.

Sincerely,
Lynne Gassner

Hello and good afternoon:

My name is Patricia Heidelmark and I live at 1216 Providence Knoll Drive in North Chesterfield. I am a retired public school administrator and currently serve as the HOA president in a community of 175 homeowners off of Reams Rd., which is snuggled between Courthouse Rd and Providence Rd. in North Chesterfield. I would say we are a typical suburban neighborhood, developed in 2005 and composed of villas, cottages and townhomes.

I am here today to address your draft map of the Congressional Districts, which has gutted my District, the 7th Congressional District and moved it to a completely new part of the state. The 7th District, or as we call it, the heart of Virginia, has literally disappeared! Why demolish the 7th as we now know it? What were the issues....problems that required, as they say, for you to "throw the baby out with the bath water"? As a constituent, I feel like we were just thrown one way or another haphazardly to meet some magic number close to 784,000 with NO thought as to who those 784,000 folks are and what their needs are. We as constituents need to understand, as none of this makes any sense! All we see is that you have decimated our "communities of interest".

It is interesting that when one types in my address and zip code when ordering on-line (23236) it comes up as Richmond. I bring this up because North Chesterfield is a suburb of the city of Richmond. As is Henrico, a suburb of the city of Richmond. I believe they are known as Metro Richmond and we have so much in common. The 288

corridor links us. We are your suburban voters, who have different needs than city and rural voters.

Your map seems to ignore such "communities of interest" and instead splits Metro Richmond (Chesterfield and Henrico) into 3 districts,,,,splitting up the suburbs. By doing such you have diluted our voters' voices and power, especially those individuals of color. Are you trying to silence the suburban voters?

Your memo stated you were going to try to keep "communities of interest" together. You have not! What happened?

In the proposed map, the current 7th district is cut up into four new districts. Why? For instance, some folks who reside in Goochland are now in the same District as the Northern Neck? Is that their communities of interest? NO!

In my case, my communities of interest are NOT Emporia or Petersburg. Do I ever travel to those cities for work, shopping, cultural events or recreation? NO! My communities of interest, living in North Chesterfield, remain Henrico, Short Pump, the city of Richmond, Carytown, Midlothian and Chesterfield. The social circle with whom I volunteer and work with is now in the 5th district. I am now in the 4th.

Central Virginia has had its own Congressional District for decades for a reason. It has its own identity, its own needs, its own strengths. We are a suburban community who will now be thrown into

districts that are largely rural and our voices will be lost. You are proposing to take away our identity.....the heart of Virginia. We deserve to have someone representing us who understands our needs. Please keep North Chesterfield and Henrico, as communities of interest together. Please re-examine your decision as to why it was necessary for the 7th to be cut up and thrown away.

One last comment and observation:

I find it interesting that the male incumbents seem to have been protected in this proposed map, while all female incumbents were negatively affected by this process. An observation that is unsettling for many reasons. I encourage you to re-examine such glaring mis-steps, so as to not be misconstrued as misogynistic.

Thank you for the opportunity to comment.

From: [Vlad Ovchynnikov](#)
To: [Redistricting](#)
Subject: Copy of the comments on the proposed Congressional map
Date: Wednesday, December 15, 2021 4:48:01 PM

EXTERNAL EMAIL

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Thanks again for the opportunity to speak. Please find the copy of my remarks below.

Regards,
Vladyslav Valeriyovich Ovchynnikov
Sterling, VA

Honorable Justices,

Thank you for the opportunity to comment. My name is Vladyslav Ovchynnikov, I live in Loudoun County, have lived here for 20 years, and I'm serving on the county's Transit Advisory Board. I'm a first generation American, and I feel very at home here. Immigrants like me constitute almost a quarter of the population of the county. It is very diverse: 20% Asian, 14% Latino, 8% Black.

We are a part of the Northern Virginia region. Contrary to the masters' memo, the main direction of commute is West to East, towards Fairfax and District of Columbia. Many of my friends and coworkers live in Fairfax, Prince William Counties, or Arlington. I've commuted to Fairfax for years. We are in Prince William at least monthly. My dentist is in Reston. Our Russian grocery store is in Herndon. Our swimming league spans Loudoun, Prince William, and Fairfax Counties.

The way the map is drawn separates us from the rest of Northern Virginia, and joins us with counties all the way to Central Virginia. It's wrong. There is no community of interest that encompasses the district as drawn. I'm not proud of my ignorance, and I'm working to rectify it - but I couldn't name counties in the proposed district when I first saw the map. I have never been to Rappahanock, Madison, Greene or Orange Counties. I've only been to Albemarle once - as a tourist. I struggle to understand what logic puts us in one district. I don't know or understand the needs and concerns of people in these counties, and I doubt that they know or understand my needs and concerns. If we are represented by a single Congressperson, she or he will struggle to balance our interests, and one part will always feel unheard and ignored.

Also, why is Albemarle split and separated from Charlottesville? I'm certain they would

much rather stay a part of their region than be joined with Northern Virginia.

In closing, I strongly oppose the shape of the district as proposed. It spans regions, splits communities of interest, it dilutes the power of Asian and Latino vote. It dilutes the power of foreign-born voters. Loudoun county should be in a district that is entirely or mostly in Northern Virginia.

From: [Lisa Richard](#)
To: [Redistricting](#)
Subject: Redistricting maps - reconsider plans for Mount Vernon
Date: Wednesday, December 15, 2021 4:53:40 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

As a resident of the 22308 zip code in the Alexandria/Mount Vernon portion of Fairfax County, I urge you to reconsider the way the proposed redistricting maps have been drawn for the Mount Vernon area. This area is a long-standing area of interest whose communities are split in illogical ways on the proposed maps, dividing communities, school pyramids, and supervisory districts that share infrastructure and institutions. Mount Vernon is not named as a community of interest and stands to suffer substantially from redrawn maps that do not take into account our shared interests and needs. Please take the time to become informed about this community before making decisions that can work to our detriment.

Please heed the input you are receiving from us and make adjustments to preserve the integrity of this vibrant community.

Sincerely,

Lisa Richard

From: [Ernie Wittich](#)
To: [Redistricting](#)
Subject: Redistricting - District 34
Date: Wednesday, December 15, 2021 5:16:36 PM

EXTERNAL EMAIL

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Ladies and Gentlemen:

It is my view that someone without any practical understanding of the geography or neighborhoods in my area placed my home in District 34. While my neighbor LITERALLY across the street from my home was placed in District 35. If you look at my home (Carrleigh Parkway) on the map you can simply see a contrived carved out area. I request you put my home in the District that is most commonly aligned with Burke and West Springfield - NOT Mt. Vernon.

Here is a link to the map. Go to "District 34"

<https://www.virginiaredistricting.org/legdistricting/comments/plan/514/1>

Please let me know if you have questions.

Thanks, Ernest S. Wittich

erniewittich@verizon.net

703-963-8218 cell

From: [Matt Lawless](#)
To: [Redistricting](#)
Cc: [Town Council](#)
Subject: RE: Public Comment on 12/17 public hearing
Date: Wednesday, December 15, 2021 5:33:41 PM
Attachments: [image001.png](#)
[image002.png](#)
[image003.png](#)

EXTERNAL EMAIL

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Good afternoon Clerk and Special Masters,

Please accept this written comment from the Town of Scottsville, town staff writing on behalf of Mayor Ronald Smith and Vice Mayor R. Daniel Gritsko, with our apologies for delay and regret that the public hearing on Friday is fully booked. I am Matthew Lawless, town administrator.

Our comment concerns Congressional Districts 1 and 5, Senate Districts 10 and 11, and House Districts 55 and 56. The mapping and demographic concern is the same: that the Town of Scottsville not be divided, but rather preserved in one district as a community of interest.

The town limits are about 1.5 square miles, with a 2020 Census population of 524. Originally Monacan land and first called Scott's Landing by settlers, our town served as the first courthouse and seat of Albemarle County. The Town was chartered in 1818 and grew with the commerce along the James River. In 1830, a boundary adjustment took in 32 acres of Fluvanna County, but Fluvanna did not cede the land to Albemarle. Scottsville remains one of several Virginia towns with territory in multiple counties.

In the present district maps, the entire town is in CD-5 and HD-58, but the Fluvanna County line splits Senate districts.

The Fluvanna County portion of the town has only about 15 houses and perhaps 30 residents, negligible for the math of population deviation. The community of interest principle is most important here.

We claim a small point of privilege, that towns should be preserved in the same district and not split. The Special Masters' memo to the Court highlights one of the guiding principles of the work, that cities and counties ought not to be broken up by districts. The memo is silent on the subject of towns. A town is a community of interest, and we believe this interest justifies a small deviation of districts across the Albemarle/Fluvanna line.

In the proposed Congressional map, District 5 contains the larger part of Scottsville, and we urge the inclusion of the small Fluvanna portion into District 5, not District 1 as currently shown.

In the proposed Senate map, District 11 contains the larger part of Scottsville, and we urge the

inclusion of the small Fluvanna portion into District 11, not District 10 as currently shown.

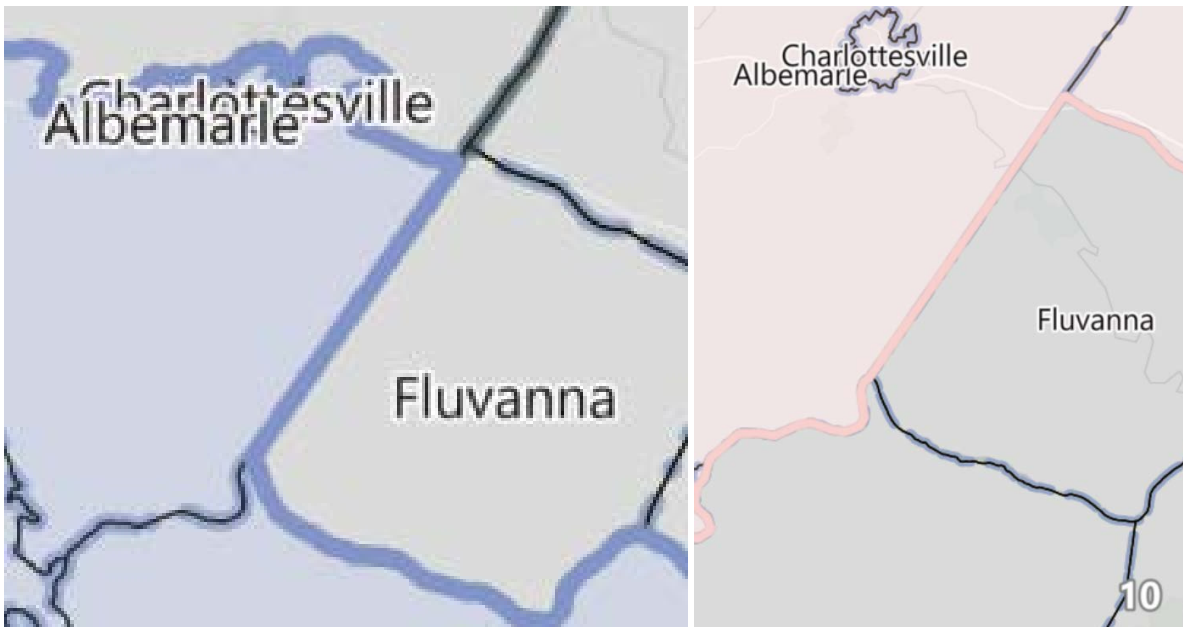
In the proposed House map, District 55 contains the larger part of Scottsville, and we urge the inclusion of the small Fluvanna portion into District 55, not District 56 as currently shown.

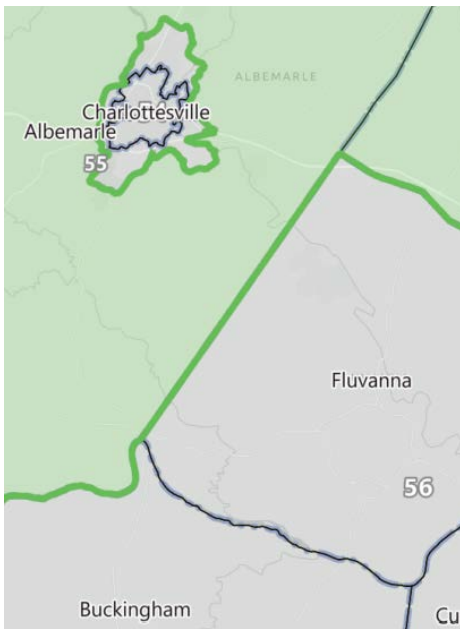
We claim that the law supports maintaining the entire town in one district. Please consider assigning the small Fluvanna portion of Scottsville to the same district as the larger Albemarle portion.

Thank you for all of your diligent efforts on this special project.

Very respectfully,

Matt Lawless
Scottsville Town Administrator
Office: 434-286-9267
[Web](#), [Facebook](#), [Twitter](#)





From: Matt Lawless

Sent: Wednesday, December 15, 2021 4:49 PM

To: redistricting@vacourts.gov

Cc: Town Council <TownCouncil@scottsville.org>

Subject: Public Comment on 12/17 public hearing

Good afternoon Clerk of Court,

Please add me to your list for public comment on the Dec. 17 public hearing for legislative district maps. The Mayor of Scottsville asked me to enter a comment.

My name is Matthew Lawless, town administrator of Scottsville, 401 Valley Street.

The comment concerns HD 55 & 56, and Senate District 10 & 11. Our request is that the entire town be in the same district, rather than be split along the Albemarle/Fluvanna County line.

Respectfully,

Matt Lawless

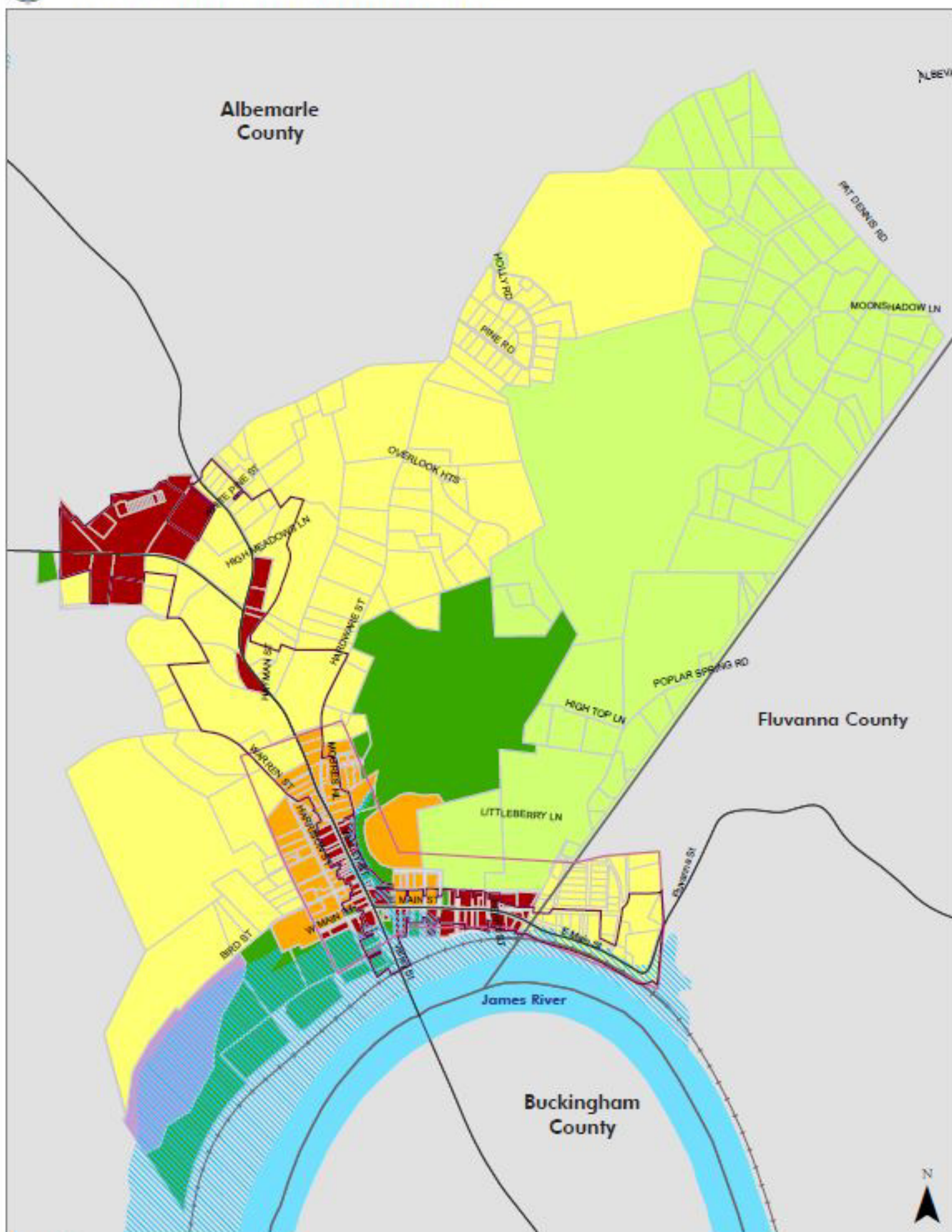
Scottsville Town Administrator

Office: 434-286-9267

[Web](#), [Facebook](#), [Twitter](#)

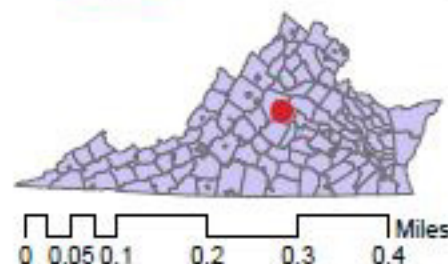


Zoning Map of the Town of Scottsville



Legend

- | | |
|---------------------------|------------------------------------|
| Rural Areas (RA) | Entrance Corridor Overlay District |
| Village Residential (VR) | Historic Overlay District |
| Downtown Residential (DR) | 100 Year Floodplain |
| Public (P) | |
| Commercial (C) | |
| Light Industrial (LI) | |



This zoning map was created in August of 2021 using current parcel boundaries obtained from Albemarle County & Fluvanna County. The 100 Year Floodplain overlay was obtained from Albemarle County and reflects the FEMA Insurance and Maps that became effective May 2016.

From: [The McGugans](#)
To: [Redistricting](#)
Subject: Redistricting input
Date: Wednesday, December 15, 2021 5:48:51 PM

EXTERNAL EMAIL

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Moving the 7th congressional district 50 miles north seems like the definition of gerrymandering.

We urge you to not approve this change.

Sincerely,
Ray and Margaret McGugan
11424 Poplar Ridge Rd.
N. Chesterfield, VA 23236
(7th congressional district)

From: [Jack Thomas](#)
To: [Redistricting](#)
Subject: VA Redistricting Comments
Date: Wednesday, December 15, 2021 7:13:24 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Hello,

My name is Jackson Thomas, I live at 206 Nelson Avenue, Williamsburg, VA 23185, and I have comments on the proposed legislative districts for the state legislature, specifically house districts 69 and 71.

As a current and continuing resident of Williamsburg, this proposed map is directly opposed to the shared interests of Williamsburg and lower James City County. These two communities rely on each other for coordination among many government initiatives and agencies, and they share many of the same resources like Transportation and Health Care. Additionally, by splitting Williamsburg from Hampton Roads, the map takes a longstanding history of these two vital areas sharing the same district, and instead splits them apart to what will almost surely be negative repercussions across the communities. These two areas are far more alike than Williamsburg and the proposed addition of Gloucester. Therefore, I ask that Williamsburg be added back to the 69th district and that Gloucester be removed from the district.

Sincerely,
Jackson Thomas

From: [Elaine Braverman](#)
To: [Redistricting](#)
Subject: Comments on the proposed Special Masters maps
Date: Wednesday, December 15, 2021 7:21:57 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

In the December 15 public hearing a number of those providing comments requested that lines be redrawn to ensure their elected representative could be reelected. I have followed Virginia's redistricting reform efforts for about 5 years, including virtual attendance at most of the proceedings of the Virginia Redistricting Commission. I have provided comments myself during this time.

One of the most potent arguments for an independent Redistricting Commission was to end the process of politicians choosing their voters by manipulating districts. Politicians are not entitled to "their" districts. They are not entitled to reelection by a minority of the electorate. Let them fight harder and fairer for the privilege of representing Virginians.

I ask that incumbency not be a consideration in creating maps, and that the requests to redraw maps for this purpose not be taken into account in any revisions the Court may undertake.

Thank you for the Court's efforts in this important matter,

Elaine Braverman
Arlington, VA

From: [Elly Tucker](#)
To: [Redistricting](#)
Subject: Redistricting
Date: Wednesday, December 15, 2021 7:58:00 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Thank you for taking comments regarding maps in Virginia. I am disappointed that the Map Masters have decided to split Albemarle into 2 parts. It is important to keep Communities of Interest together. Albemarle is a community of interest. We share history, geography, traditions, celebrations, and tragedies.

Please keep Albemarle together.

Thank you,

Elly Tucker
111 Reynard Dr.
Charlottesville VA. 22901

From: [Cheryl Sagers](#)
To: [Redistricting](#)
Subject: Prince William County Plan for Redistricting
Date: Wednesday, December 15, 2021 8:50:30 PM

EXTERNAL EMAIL

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I would like the Prince William County plan to be more fair to Republicans. I recommend the 3 Fairfax County precincts be removed and the 3 northern Spotsylvania counties added (Riverbend, Elis Ford, and Wilderness)

From: enidlehr@aol.com
To: [Redistricting](#)
Date: Wednesday, December 15, 2021 9:25:37 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Do not split the Mount Vernon community. . You are destroying our family. Leave it the way it is and has always been... a proud, congenial, intelligent, caring and patriotic neighborhood!

From: [Tom Kotula](#)
To: [Redistricting](#)
Subject: Stafford redistricting
Date: Wednesday, December 15, 2021 9:43:58 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Hello-

I am writing in regards to the proposed redistricting of Stafford County; I disagree with this proposal!

The proposed New 7th District ignores the long-standing relationships that Stafford holds with the counties surrounding it in the Rappahannock Region. Almost all of Stafford's regional interests and affiliations are with communities to the east, south, or west rather than to the north. Stafford County should not be attached to Northern Virginia.

Please take my concern into your consideration.

Thank you,

Stafford County Resident
Tom Kotula
Wood Landing Rd, Fredericksburg VA, 22405

From: [R.W. Palmer](#)
To: [Redistricting](#)
Subject: Redistricting of Stafford County
Date: Thursday, December 16, 2021 3:42:00 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

I am very concerned about the proposed redistricting of Stafford and Fredericksburg. The proposed New 7th District ignores the long-standing relationships that Stafford holds with the counties surrounding it in the Rappahannock Region. Almost all of Stafford's regional interests and affiliations are with communities to the east, south, or west rather than to the north. Stafford County should not be attached to Northern Virginia simply because I-95 runs through it. Stafford is more than just a couple of exits off the highway. Please reflect our real world affiliations in the maps.

--

Rohn Palmer

From: cherylsterry@aol.com
To: [Redistricting](#)
Subject: Concerned about redistricting proposals
Date: Wednesday, December 15, 2021 9:47:17 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

I live in the community called Mount Vernon Hills, just a mile from the Mount Vernon Estate. As you may know, there are Five Farms that are part of Historic Mount Vernon. My home is on the Muddy Hole Farm, and the street is called Vernon Avenue. Vernon Avenue is off of Maryland St. which joins Mount Vernon Highway (235) and Old Mount Vernon Road. The Mount Vernon High School also borders on Maryland Street. I have lived in the Mount Vernon area for over 35 years. It is with great pride that I can say I am from Mount Vernon. The properties on George Washington's Five Farms most definitely need to be together; we share educational institutions, shopping, parks, churches, recreation centers, etc. People on the Five Farms share none of these with other communities that are being contemplated to join with parts of Mount Vernon. I have much in common with my neighbors in Mount Vernon and no commonality with residents of other communities in Northern Virginia, such as Springfield. There was an attempt in the past to clarify our postal address by changing it from Alexandria to Mount Vernon. Please don't sever our historic community: one of the oldest if not the very oldest in Fairfax County. After all, we have historic roots to our first President dating back hundreds of years.

Please correct your inadvertent error by reuniting Mount Vernon.

Cheryl Terry
8619 Vernon Avenue
Alexandria [Fairfax County]
Virginia 22309

[Sent from the all new AOL app for iOS](#)

=====

From: [Hkf.Fkh](#)
To: [Redistricting](#)
Subject: Keep Mount Vernon in Mount Vernon.
Date: Wednesday, December 15, 2021 9:48:44 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

I live in Mount Vernon. It has been our pride and joy to be a part of the Mount Vernon community. This redistricting move that severs our community and merges us with a completely different community is totally devastating to me and my community. Please keep all of Mount Vernon in Mount Vernon. Our best interests are served by keeping the Mount verson community together.

Hardeep Francis
9317 Boothe St
Alexandria va 22309
7033608740

From: [Lawrence Alpern](#)
To: [Redistricting](#)
Subject: Louisa County
Date: Wednesday, December 15, 2021 9:50:05 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

This is an absurd change in districts. We lose every representative that we currently have now in Louisa County.

Abigail Spanberger was terrific and she loses her job because of residency rules. Put Louisa County district lines back to where they currently are.

Lawrence Alpern!

From: [c.francis](#)
To: [Redistricting](#)
Subject: Redistricting at Mount Vernon
Date: Wednesday, December 15, 2021 10:07:52 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

The new proposed redistricting proposal disrupts stable communities. I am opposed to splitting the historic Mount Vernon community.

Cleveland Francis, Jr
703 360 8740

From: [CSS ONE](#)
To: [Redistricting](#)
Subject: Redistricting Public Comment
Date: Wednesday, December 15, 2021 10:21:29 PM

EXTERNAL EMAIL

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December 15, 2021

Muriel-Theresa Pitney

Clerk of Court

Supreme Court of Virginia

100 North Ninth Street, 5th Floor

Richmond, Virginia 23219-1315

Dear Madam Clerk:

My name is Roy L. Perry-Bey, and I have been a resident of Virginia, for most of my life. During this time, I have served as a civil-right activist throughout Virginia, primarily with the Coalition for Equal Justice, Citizens of Hampton Roads March Against Poverty Campaign and the United Front for Justice. I have been on the front lines of issues like treatment of veterans, confederate statutes, housing discrimination, police brutality and voting rights throughout the Commonwealth.

I write to urge this Court to reject the voting mapssubmitted by the Special Masters because they sharply limit the number of majority-Black Senate and House Districts throughout Virginia. Since 2010, Virginia has had five majority-Black Senate Districts (out of forty) and ten majority-African American House Districts (out of ninety-eight). If approved, the Special Master's maps will reduce the number of Senate Districts to two, and the number of House Districts to five.

The harm to Virginia's African American communities that results from reducing majority-African American voting districts by more than half should be obvious. As those majority-minority Districts disappear, so too does the political power of Virginia's minority communities. And as someone who has devoted his life to ensuring equal justice for all, I must object to proposed maps that needlessly reduce these critical districts by greater-than fifty percent.

Virginia not only has a moral imperative to protect minority political power; it has a legal one as well. Section 2 of the Voting Rights Act prevents "a denial or abridgement of the right of any citizen of the United States to vote on account of race or color." 52 U.S.C. § 10301(a). Such a "denial or abridgment" occurs if "the

political processes leading to nomination or election in the State or political subdivision are not equally open to participation” by members of a protected class “in that its members have less opportunity than other members of the electorate to participate in the political process and to elect representatives of their choice.” *Id.* § 10301(b).

Virginia’s African American communities almost certainly satisfy the criteria necessary to trigger Section 2. They are “sufficiently large and geographically compact to constitute a majority” in several of the non-majority-minority districts. *See Thornburg v. Gingles*, 478 U.S. 30, 50 (1986). They are “politically cohesive.” *Id.* at 51. And the “the white majorit[ies]” in these non-majority-minority districts “vote sufficiently as a bloc to enable” them “to defeat the minority’s preferred candidate.” *Id.* Because this is the case, Virginia must include majority-minority districts.

In other words, there are *great* “reasons to believe” that more voting districts must have a greater percentage of minority population. *See Bethune-Hill v. Va. State Bd. of Elections*, 137 S. Ct. 788, 801-02 (2017). Compliance with the Voting Rights Act is a compelling interest. *Id.* at 801. To satisfy this compelling interest, the Court should reject the Special Master’s proposed maps, thereby avoiding a likely Voting Rights Act violation.

Mr. Roy L. Perry-Bey
Political & Civil Rights Activist
United Front For Justice
(202) 798-9756

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From: [Hampton Roads](#)
To: [Redistricting](#)
Subject: HRBC input to Virginia Redistricting
Date: Wednesday, December 15, 2021 10:29:55 PM
Attachments: [HRBClettercourt-ordered redistricting.docx](#)

EXTERNAL EMAIL

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Hello

Respect forwarding Hampton Roads Black Caucus written input with maps attached (see links below) and please post. Thank you for your support in advance.

God bless

Ronald Taylor
HRBC/President

Here are the links to the HRBC maps in [DavesRedistricting.org](https://davesredistricting.org), a site commonly used by the public to draw maps:

- Congressional: <https://davesredistricting.org/join/94bc2da8-ac8e-4bc0-ba56-a89f1a8590a7>
- State Senate: <https://davesredistricting.org/join/4b63646b-595c-4f5f-94fc-98c2b2bfa899>
- House of Delegates: <https://davesredistricting.org/join/3b8f1c6b-3d81-4028-8b18-a52692b03de5>



PO Box 2692 Virginia Beach, VA 23450

December 15, 2021

Muriel-Theresa Pitney
Clerk of Court
Supreme Court of Virginia
100 North Ninth Street, 5th Floor
Richmond, Virginia 23219-1315

Dear Madame Clerk:

My name is Ronald Taylor, and I am the current President of the Hampton Roads Black Caucus. I write on behalf of our membership to comment on the state legislative maps proposed by the Supreme Court's special masters on December 8, 2021. We believe that these maps, if adopted in their current form, would represent a step backwards for Black representation in the Commonwealth of Virginia, which has already declined in recent elections after previous rounds of court-ordered redistricting. In the interest of offering constructive criticism rather than empty complaints, we have included with this letter proposed maps that do a better job of meeting our representational goals (see attached).

First, some recent history might be in order. In the 2011 redistricting cycle, Virginia's Third Congressional District was drawn to include a Black voting-age population (BVAP) of 56.3%; after court-ordered redistricting in 2016, the Third District's BVAP was deliberately dropped to 47.27% with the portions of the district containing the heavily Black cities of Richmond and Petersburg reallocated to the adjacent Fourth District (which increased to BVAP 39.68%, still well short of a majority). In other words, a congressional map that originally featured one Black-majority district after legislative redistricting became a map with *zero* Black-majority districts after the federal court intervened. Thankfully, this has not affected Virginia's Black representation in the U.S. Congress where Congressmen Bobby Scott and Donald McEachin still proudly serve. Nonetheless, we provide our map that shows it is eminently possible to have a majority black Congressional district in the Commonwealth. Representative Scott is 75 years old, and while we'd be really happy if he remained in Congress for many years to come, we know the reality is that someone other than Representative Scott may very well serve the people of that district during this coming decade. Without him seeking that seat, we have serious doubts about whether his district as configured would still elect a Black member.

Unfortunately, court-ordered redistricting had a more deleterious effect in the General Assembly. The General Assembly in 2011 adopted a redistricting plan featuring twelve Black majority House of Delegates districts, a portion that came remarkably close to matching the proportion of Virginia's population that is Black. After years of litigation, however, those twelve districts—all of which featured BVAPs over 50%—were ordered redrawn by the same federal court that previously ordered a redo of the

congressional map. Under a plan developed by one of the same special masters this Court is using now, BVAP was deliberately lowered in each of the challenged districts—districts originally drawn with a BVAP high enough to preserve the ability of the Black communities in each to elect their favored representatives. What was publicized as an effort to *help* the Black community only made it harder to elect Black representatives.

At the time, “experts” reassured us districts didn’t need a BVAP over 50% to elect Black representatives. Any Black person who grew up in the American South could have told you that was a laughable claim then, but it is no laughing matter anymore. The 2019 redistricting plan designed by special master Dr. Bernard Grofman has had a predictable effect: Black delegates have lost elections in districts that were deliberately made less Black.

In the most recent state elections, four Black Members of the House of Delegates were defeated in their campaigns for reelection, three of them in districts that were redrawn in 2019. In this most recent election, four incumbent Black legislators, comprising nearly a quarter of the Black Caucus in the House, were defeated for reelection. Two of those legislators were in districts that the federal court specifically asserted would retain Black representatives, writing, “Based on the data in the record, we further conclude that black voters in Districts 63 and 75 will continue to have a reasonable opportunity to elect candidates of their choice.” The Black legislators representing Districts 63 and 75 lost reelection in November. Is this what progress looks like?

It should be clear by now that the state of Black representation in Virginia in 2021 is not good, but the special masters’ maps would make the problem even worse. Currently, only five State Senate districts are home to voting-age populations that are more than 50% Black. Perhaps unsurprisingly, four of these five districts align almost perfectly with the four represented by Black Senators (District 16 is the only Black-majority district represented by a white Senator). The connection is clear for anyone willing to see it: Black candidates have a better chance of getting elected in Black-majority districts, thereby enabling them to better represent the interests of Black communities in the state legislature. The pathway to greater Black representation is through the creation of more Black-majority districts.

The special masters’ proposed State Senate map, however, takes us backwards. It only has two Black-majority districts, Districts 13 and 23. That’s right—two out of forty, a mere 5%, in a state that is nearly 19% Black according to the 2020 Census.¹ It is entirely possible that if the special masters’ map is adopted by this Court, there would be no Black members left representing residents of this Commonwealth in the Virginia State Senate. Back when Section 5 of the Voting Rights Act was still enforced, a plan like this would have been illegal; now, it is merely disrespectful. We have fought so hard for a seat at the table, and this plan would callously show us the door.

The special masters’ proposed House of Delegates map fares no better. It features only *five* Black-majority districts out of 100, matching the proposed Senate map’s embarrassing 5%. The congressional map might be the worst of all, preserving the current post-redistricting status quo of *zero* Black-majority districts. So, to reiterate, under the 2011 legislative maps, there existed twelve Black-majority House of Delegates districts, five State Senate districts, and one Congressional district for a total of eighteen. After successive rounds of court-ordered redistricting and the special masters’ newest

¹U.S. Census Bureau, *Virginia Adds More Than 600,000 People Since 2010*, (Aug. 25, 2021), [https://www.census.gov/library/stories/state-by-state/virginia-population-change-between-census-decade.html#:~:text=Population%20\(up%207.4%25%20to%20331.4,or%20More%20Races%2010.2%25\)](https://www.census.gov/library/stories/state-by-state/virginia-population-change-between-census-decade.html#:~:text=Population%20(up%207.4%25%20to%20331.4,or%20More%20Races%2010.2%25)).

proposal, there would be five Black-majority House of Delegates districts, two State Senate districts, and zero congressional districts for a total of seven. From 18 districts with BVAPs sufficient to elect Black representatives to 7 in only five years!

Our maps actually move the ball *forward* in terms of Black representation. Our Senate map takes the number of Black-majority districts from four to five, none of which have a BVAP higher than 53%. Our House plan restores the same number of Black-majority districts, twelve, that we had after the 2011 redistricting cycle. Our plans demonstrate that it is possible to create up to seventeen Black-majority districts in the General Assembly, matching our previous peak. When better Black representation is possible, I don't know why we should have to settle for less.

The special masters apparently think that "opportunity districts," in which different minority group's aggregate to an outright majority of a district's voting population, are sufficient to protect Black representation. Their map does a pretty good job of creating such districts, but we know from history, both distant and recent, that the best way to protect Black representational gains is to create Black-majority districts. The "opportunity district" experiment of the last decade has only resulted in backsliding. The current abysmal numbers in the General Assembly indicate we need to do *more* in our efforts to create districts where Black voters can elect people who will represent their interests, not less. The special masters' plans seem to see minority groups as interchangeable; we are not. Anyone who has paid the slightest attention to American politics knows that Black voters tend to vote more cohesively than Hispanics or Asians and often for different candidates, and yet these maps treat us as if we're all the same. There is sadly no guarantee that opportunity districts will result in the election of *any* Black representatives. This Court should revise the proposed plans to give Black voters representation commensurate with our voting strength.

To be clear, we are not asking the Court to create "safe" districts where Black voters constitute seventy or eighty percent of voters. We simply ask the Court to create more than five House of Delegates districts, more than two State Senate districts, and *any* congressional districts where Black voters constitute more than 50% of the voting-age population (and ideally with BVAPs even higher than that, given the disappointing results of the most recent election indicate a bare majority is not always enough). We think a good target for the number of Black-majority districts would be 18 across all three maps, the highest number we had previously achieved in a state that has only grown more diverse in the years since.

Thank you for reviewing our proposed maps and taking our concerns seriously.

Sincerely,

Ronald Taylor
Hampton Roads Black Caucus/President

From: [Amanda Hardgrave](#)
To: [Redistricting](#)
Subject: Mount Vernon Redistricting
Date: Wednesday, December 15, 2021 10:43:39 PM

EXTERNAL EMAIL

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Special Masters,

Good evening. I live in the Stratford Landing Community and object to the decision to redistrict my community with the distant communities of Woodbridge and Springfield. These are urban communities, closely situated to I-95 with both small and large business interests. Mount Vernon is a quiet bedroom community with hardly any major businesses, industrialization, or heavy commerce. We are a quaint and diverse middle class community that will become voiceless if parceled with our southern neighbors.

Please reconsider your decision and keep us within the 34th Senate district.

Regards,

Amanda Hardgrave
Waterford Rd, Alexandria Va 22308

Sent from my iPhone

From: [Jeanne Kasai](#)
To: [Redistricting](#)
Subject: Public comment
Date: Wednesday, December 15, 2021 11:17:32 PM

EXTERNAL EMAIL

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I am against the redistricting proposal. The Fort Hunt and Stratford Landing communities and all in zip code 22308 need to stay together. I am against the proposal to split the Mt Vernon area, connecting the Mt Vernon estate with Quantico and Fredericksburg, and splitting school districts for Hayfield and Mt. Vernon.

I am against the proposal to make Springfield and Franconia the hubs.

I am 100% AGAINST this proposal.

Sincerely-

Jeanne Kasai, Bradgate Road, 22308

Sent from my iPhone

Christopher B. Seaman
7325 Millburn Court
Crozet, VA 22932
cbseaman@gmail.com

December 16, 2021

Supreme Court of Virginia
c/o Muriel-Theresa Pitney, Clerk of Court
100 North Ninth Street, 5th Floor
Richmond, Virginia 23219-1315
Redistricting@vacourts.gov

Dear Chief Justice Lemons and Justices of the Supreme Court of Virginia:

My name is Christopher B. Seaman, and I am a resident of Albemarle County, Virginia. I am also a Professor of Law and Director of the Frances Lewis Law Center at Washington and Lee University School of Law in Lexington, Virginia, where one of my areas of teaching and scholarship is Election Law and Voting Rights. However, this letter reflects solely my own views.

Pursuant to Rule 4(b) of the [Rules and Procedures for Implementing the Requirements of Article II, Section 6-A of the Virginia Constitution](#), I hereby offer the following public comments on the [proposed redistricting map for Virginia's representatives to the United States House of Representatives](#) prepared by Special Masters Bernard N. Grofman, Ph.D. and Sean Trende.

On balance, the Special Masters' proposed Congressional redistricting plan ("the Plan") appears to comply with relevant federal and state law, including Article I, § 2 and the Fourteenth and Fifteenth Amendments to the U.S. Constitution; the federal Voting Rights Act of 1965 ("VRA"), as amended, 52 U.S.C. § 10101 *et seq.*; Article II §§ 6 to 6-A of the Constitution of Virginia; Virginia Code §§ 24.2-302.2 to 304.04 and § 30-399(E); and relevant court decisions interpreting these provisions. Regarding population equality,¹ the Plan has a maximum population deviation of less than 0.4% between districts, which seems acceptable in light of the Plan's compliance with statutory requirements and other legitimate objectives, including compactness, contiguity, preserving communities of interest, and consideration of political boundaries.²

Considering racial and ethnic fairness and compliance with the federal Voting Rights Act,³ the Plan preserves two majority-minority districts (District 3 and District 4), which have a black

¹ See Va. Code § 24.2-304.04(1) ("Districts shall be so constituted as to give, as nearly as practicable, representation in proportion to the population of the district."); *see also Wesberry v. Sanders*, 376 U.S. 1, 8, 18 (1964) (holding that "while it may not be possible to draw congressional districts with mathematical precision," the equal representation standard in Article I, § 2 of the U.S. Constitution requires district to be as equal in population "as nearly as is practicable"); *Kirkpatrick v. Preisler*, 394 U.S. 526 (1969) ("[T]he command of Art. I, § 2, that States create congressional districts which provide equal representation for equal numbers of people permits only the limited population variances which are unavoidable despite a good-faith effort to achieve absolute equality, or for which justification is shown.").

² See *Karcher v. Daggett*, 462 U.S. 725, 740-41 ("We are willing to defer to state legislative policies, so long as they are consistent with constitutional norms, even if they require small differences in the population of congressional districts. Any number of consistently applied legislative policies might justify some variance, including, for instance, making districts compact [and] respecting municipal boundaries.... (citations omitted)).

³ See Voting Rights Act § 2, 52 U.S.C. § 10301; *see also* Va. Code § 24.2-304.04(3) ("No district shall be drawn that results in a denial or abridgement of the right of any citizen to vote on account of race or color or membership in

voting age population of 44.5% and 45.3%, respectively.⁴ These districts are very similar to those adopted by a three-judge federal court in 2016 as a remedy to racial gerrymandering in the previously-drawn Congressional redistricting plan,⁵ and thus are likely to pass muster under any new challenge under the Equal Protection Clause of the Fourteenth Amendment and/or Section 2 of the Voting Rights Act.⁶

On partisan fairness, the Plan, “when considered on a statewide basis,” does not “unduly favor or disfavor any particular party.”⁷ According to the nonpartisan Princeton Gerrymandering Project, the Plan receives a grade of A for Partisan Fairness.⁸ It projects that 5 districts are likely Democratic (Districts 3, 4, 7, 10 and 11); 4 districts are likely Republican (Districts 1, 5, 6, and 9), and two districts are in the competitive range of between 46.5% and 53.5% of the two-party vote share (Districts 2 and 10). This accurately reflects the overall statewide partisan balance from 2016 through 2020, where the Democratic Party’s candidates have had an approximately 10% advantage in statewide races compared to the Republican Party’s candidates.⁹ Similarly, the nonpartisan Virginia Public Access Project (VPAP) organization finds that the Special Masters’ Plan has 4 districts that are “strong Democratic,” 1 district that is “lean Democratic,” 1 district that is a “Tossup,” 3 districts that are “lean Republican,” and 2 districts that are “strong Republican.”¹⁰ Again, this accurately reflects Virginia’s status as Democratic-leaning but competitive between the two major political parties on a statewide basis.

a language minority group. No district shall be drawn that results in a denial or abridgement of the rights of any racial or language minority group to participate in the political process and to elect representatives of their choice. A violation of this subdivision is established if, on the basis of the totality of the circumstances, it is shown that districts were drawn in such a way that members of a racial or language minority group are dispersed into districts in which they constitute an ineffective minority of voters or are concentrated into districts where they constitute an excessive majority. The extent to which members of a racial or language minority group have been elected to office in the state or the political subdivision is one circumstance that may be considered. Nothing in this subdivision shall establish a right to have members of a racial or language minority group elected in numbers equal to their proportion in the population.”).

⁴ Report of Special Masters Bernard Grofman, Ph.D. and Sean Trende to the Chief Justice and Justices of the Supreme Court of Virginia, at 17 (Dec. 7, 2021), available at https://www.vacourts.gov/courts/scv/districting/memorandum_re_va_redistricting_2021.pdf (hereinafter “Special Masters’ Report”).

⁵ See *Personhuballah v. Alcorn*, 155 F. Supp. 3d 552, 556 (E.D. Va. 2016) (adopting a plan drawn by Dr. Grofman that resulted in a black voting age population of 45.3% in District 3 and 40.9% in District 4).

⁶ I agree with the Special Masters’ assessment that, given the supermajority of Democratic voters in both Districts 3 and 4 and that Black voters will likely comprise a majority of voters in the Democratic primaries, both of these districts will continue to offer Black voters the opportunity to elect the representatives of their choice to Congress and thus comply with Section 2 of the Voting Rights Act. See Special Masters’ Report, *supra* note 4, at 14-15.

⁷ Va. Code § 24.2-304.04(8).

⁸ Princeton Gerrymandering Project, *Redistricting Report Card – Virginia 2021 Special Masters’ Draft Congressional Map*, <https://gerrymander.princeton.edu/redistricting-report-card?planId=recOUne4ZKjEyaVyJ> (last modified Dec. 9, 2021).

⁹ Special Masters’ Report, *supra* note 4, at 19. However, this figure is somewhat skewed by the 2018 U.S. Senate Race, where the Democratic candidate won by a historically large margin of 16%. See Va. Dep’t of Elections, *2018 November General Official Results – United States Senate*, <https://results.elections.virginia.gov/vaelections/2018%20November%20General/Site/Congress.html> (last visited Dec. 15, 2021) Excluding this result, the statewide margin of victory for Democratic Party candidates ranges from 10% (2020 Presidential race) to less than 1% (2013 Attorney General race).

¹⁰ Virginia Public Access Project, *Latest Statewide – Special Masters*, <https://www.vpap.org/redistricting/plan/2021-uscong-vasupremecourt-statewide-1/> (last visited Dec. 16, 2021). VPAP classifies a district as “strong” if the party had a greater than 20% point margin in the 2016 Presidential vote, “lean” if the party had between a 5% and

The Special Masters’ proposed congressional map also largely preserves communities of interest,¹¹ with one prominent exception that I discuss in detail below. Notably, the Plan recognizes the historical, geographical, and cultural divide of the Blue Ridge Mountains by keeping District 6 in the Shenandoah Valley, and the core of District 9 remains in Southwest Virginia. It also keeps Districts 2 and 3 in the Tidewater region, Districts 8 and 11 in the urban ring of Northern Virginia, and District 4 in the Richmond area. District 7 is a newly-created district in the outer suburbs/exurbs of Northern Virginia. Districts 1, 5, and 10 are less confined geographically, as each takes in multiple different regions of Virginia.¹²

My major objection is the Plan’s proposed division of a clear community of interest in the Charlottesville/Albemarle area, where I live. Specifically, the proposed Plan bisects Albemarle County—which surrounds the City of Charlottesville—into two districts, placing voting precincts to the north of Charlottesville into District 10, which runs up to Loudon County and the Maryland border, while Charlottesville and the rest of Albemarle County are in District 5, which travels down to Danville and the North Carolina border. “Communities that are split between districts often view their voice as diminished.”¹³ In short, the Special Masters’ Plan dilutes our community’s voice by ripping it in half, with one joined to a Northern Virginia-centric district, while the other is lumped in with Southside Virginia—a region that has no economic, geographic, or cultural connections with our community.

The Special Masters’ Report identifies factors such as “‘shared broadcast and print media, public transport infrastructure, and institutions such as schools and churches’ as part of its definition of a community of interest.”¹⁴ Other courts have found “the existence of a community of interest where residents share substantial cultural, economic, and political ties.”¹⁵ In contrast, the U.S. Supreme Court declined to find a community of interest in a Georgia congressional district that consisted of four discrete urban centers, connected only by hundreds of miles of rural counties and swamps.¹⁶

By any and all of these measures, Charlottesville and Albemarle represent a community of interest. Notably, the University of Virginia (“UVA”) plays a major role in both economic and cultural life within our community. UVA and its Health System is the largest employer in the

20% margin in the 2016 Presidential vote, and “tossup” if the margin was within 5% in the 2016 Presidential vote. *Id.*

¹¹ See Va. Code § 24.2-304.04(5) (“Districts shall be drawn to preserve communities of interest. For purposes of this subdivision, a ‘community of interest’ means a neighborhood or any geographically defined group of people living in an area who share similar social, cultural, and economic interests. A ‘community of interest’ does not include a community based upon political affiliation or relationship with a political party, elected official, or candidate for office.”).

¹² By “regions of Virginia,” I refer to the demographic regions identified by the Weldon Cooper Center for Public Service at the University of Virginia. See Weldon Cooper Ctr., *Virginia’s Demographic Regions*, <https://demographics.coopercenter.org/virginia-regions> (last visited Dec. 16, 2021).

¹³ *Favors v. Cuomo*, No. 11-CV-5632 DLI RR, 2012 WL 928216, at *12 n.12 (E.D.N.Y. Mar. 12, 2012), *report and recommendation adopted as modified*, 2012 WL 928223 (E.D.N.Y. Mar. 19, 2012) (quoting affidavit of Dr. Nathaniel Persily).

¹⁴ Special Masters’ Report, *supra* note 4, at 6 (quoting *Bush v. Vera*, 517 U.S. 952 (1996)).

¹⁵ *Diaz v. Silver*, 978 F. Supp. 96, 123 (E.D.N.Y. 1997), *aff’d sub nom. Acosta v. Diaz*, 522 U.S. 801 (1997) (citing *Wilson v. Eu*, 823 P.2d 535 (Cal. 1992)).

¹⁶ *Miller v. Johnson*, 515 U.S. 900 (1995).

area.¹⁷ Faculty, staff, and students who work or go to school at UVA live in both Charlottesville and Albemarle. In fact, the Plan would physically separate UVA itself by placing the UVA Research Park into the 10th District,¹⁸ while the Grounds and Medical Center would be located in the 5th District. On game days for football and basketball, it would be possible to park and tailgate in the 10th District, then walk to Scott Stadium or John Paul Jones Arena and cheer on the Wahoos in the 5th District.

There is also shared broadcast and print media in Charlottesville and Albemarle. The Charlottesville Nielsen DMA (Designated Market Area) consists of NBC (WVIR-TV), CBS and Fox (WCAV), ABC (WVAW), and PBS (WHTJ) affiliates that broadcast to Charlottesville and Albemarle, as well as two other nearby counties.¹⁹ The *Daily Progress* is the sole daily newspaper for Charlottesville and Albemarle and covers local news, politics, and events in the community.²⁰ *C-VILLE Weekly* is a weekly newspaper that covers news, arts, politics, and cultural events, with over 23,000 copies delivered weekly in high-traffic areas all over Charlottesville and Albemarle.²¹

Transportation and infrastructure also help create a community of interest in Charlottesville and Albemarle. Charlottesville Area Transit (CAT) runs numerous bus routes that connect Charlottesville and UVA with locations in Albemarle County, including shopping and employment centers like Stonefield, Fashion Square Mall, Albemarle Square, Rio Hill and 5th Street Station.²² Jaunt provides transit service from Albemarle communities like Earlysville, Crozet, Keswick, Scottsville, and 29 North to Charlottesville.²³ The Charlottesville Albemarle Airport (CHO) is located in Albemarle County in the proposed 10th District, while the Charlottesville Amtrak Station (CVS) and Charlottesville Greyhound bus terminal are located in the City of Charlottesville in what would be the 5th District.

On an even more local level, the rapidly-growing bedroom community of Crozet,²⁴ located in western Albemarle County just north of Interstate 64, is severed in two by the proposed Plan by placing the Crozet Precinct into the 10th District and the Brownsville and Mechums River Precincts into the 5th District. Crozet is a census-designated place that has been designated as a “growth area” by Albemarle County and has dramatically increased in population over the past two decades, from 2,820 in 2000 to 9,224 as of 2020.²⁵ The Crozet Community Advisory Committee has promulgated a Master Plan that represents the community’s 20-year vision for land

¹⁷ C-VILLE Weekly, *The Big Fifty: 50 Largest Employers in Charlottesville and Nearby Counties*, <https://www.c-ville.com/big-fifty-50-largest-employers-charlottesville-nearby-counties> (June 1, 2018). Another large hospital system, Martha Jefferson, is also located in Charlottesville. *Id.*

¹⁸ The UVA Research Park is located at 4040 Lewis and Clark Drive, Charlottesville, VA 22911.

¹⁹ Wikipedia, *List of United States Television Markets*, https://en.wikipedia.org/wiki/List_of_United_States_television_markets (last visited Dec. 16, 2021).

²⁰ The Daily Progress, *About Us*, <https://dailyprogress.com/site/about.html> (last visited Dec. 16, 2021).

²¹ C-VILLE Weekly, *FAQ*, <https://www.c-ville.com/faq/> (last visited Dec. 16, 2021).

²² City of Charlottesville, *Transit*, <https://www.charlottesville.gov/470/Transit> (last visited Dec. 16, 2021).

²³ Jaunt, *Albemarle County*, <https://ridejaunt.org/services/?from-location=albemarle&to-location> (last visited Dec. 16, 2021).

²⁴ Crozet is named in honor of Claudius Crozet, a French-born civil engineer who directed construction of the Blue Ridge Tunnel in the 1850s. Phil James, *Secrets of the Blue Ridge: Crozet History 101*, Crozet Gazette, <https://www.crozetgazette.com/2018/10/05/secrets-of-the-blue-ridge-pleasant-green-crozet-history-101/> (Oct. 5, 2018).

²⁵ U.S. Census Bureau, *Crozet CDP, Virginia*, <https://www.census.gov/quickfacts/crozetcdpvirginia> (last visited Dec. 16, 2021).

use, transportation, recreation, environmental protection, and capital improvement projects.²⁶ Crozet has two elementary schools (Brownsville and Crozet), one middle school (Henley), and a high school (Western Albemarle) located within its boundaries.²⁷ Crozet even has a free monthly community newspaper, the *Crozet Gazette*.²⁸ But Crozet's community of interest is completely disregarded by the Special Masters' Plan, which cleaves it in half along State Route 240 (Three Notched Road), Crozet Avenue, and Jarman's Gap Road.²⁹

Fortunately, there is a straightforward solution that can unify Charlottesville and Albemarle into a single congressional district without making major changes to the rest of the Special Masters' Plan. First, I propose that the 10th District be extended southward to include Charlottesville and Albemarle County, with whom it shares closer ties than the 5th District. Notably, this would unify the U.S. 29 corridor between Charlottesville and Northern Virginia, which is the largest and most-used north-south route between Interstate 81 in the Shenandoah Valley and Interstate 95. In particular, a significant number of residents of Charlottesville and Albemarle travel at least periodically to Northern Virginia for work, to take advantage of cultural and other opportunities in the D.C. area, or to travel via Dulles International Airport.³⁰ In contrast, Charlottesville and Albemarle have little economic or cultural connection with the rest of the 5th District, which is largely rural and agricultural. Second, to make up for the population loss to the 5th District caused by this change,³¹ Louisa County, Fluvanna County, Goochland County, and nine precincts in rural western Hanover County would be moved from the 1st District into the 5th District.³² These are all rural areas that have a good cultural and economic fit with the rest of the 5th District. Finally, to balance out the population, the portion of Spotsylvania County that is in the 10th District under the Special Masters' Plan would be moved into the 1st District.³³

Thank you for your consideration of these comments.

Sincerely yours,



Christopher B. Seaman

²⁶ Albemarle County, *Crozet Master Plan Update*, <https://www.albemarle.org/government/community-development/planning-codes/master-planning/crozet-master-plan-update/crozet-master-plan> (last visited Dec. 16, 2021).

²⁷ Albemarle County Public Schools, *Our Schools*, <https://www.k12albemarle.org/our-schools> (last visited Dec. 16, 2021).

²⁸ *Crozet Gazette*, *About the Gazette*, <https://www.crozetgazette.com/about-the-gazette/> (last visited Dec. 16, 2021).

²⁹ Indeed, the Plan boundary literally runs along my backyard, so that my neighbors across Jarman's Gap Road are in the 10th District, while my house is in the 5th District.

³⁰ Notably, the UVA Health System has recently expanded into Northern Virginia with locations in Culpeper and Haymarket, which are also in the 10th District.

³¹ This is a nearly equal population switch, as it would transfer 100,258 people in Albemarle County from the 5th District into the 10th District, and 100,948 people from the 1st District into the 5th District.

³² The precincts in Hanover County that would be transferred to the 5th District are: Beaverdam, West Hanover, Montpelier, South Anna, Rockville, Shallow Well, Centerville, Manakin, and Blair Road.

³³ This would result in moving 98,568 people from the 10th District—which would otherwise be overpopulated—to the 1st District.

From: [Paul Prebilic](#)
To: [Redistricting](#)
Subject: Redistricting
Date: Thursday, December 16, 2021 6:43:44 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

I am very concerned about the proposed redistricting of Stafford and Fredericksburg. The proposed New 7th District ignores the long-standing relationships that Stafford holds with the counties surrounding it in the Rappahannock Region. Almost all of Stafford's regional interests and affiliations are with communities to the east, south, or west rather than to the north. Stafford County should not be attached to Northern Virginia simply because I-95 runs through it. Stafford is more than just a couple of exits off the highway. Please reflect our real world affiliations in the maps.

Thank you,
Paul Prebilic
152 Revell Road
Fredericksburg VA 22405

From: [Bruce C Keener](#)
To: [Redistricting](#)
Subject: Redistricting maps
Date: Thursday, December 16, 2021 7:37:56 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Good morning, Honorable Supreme Court Justices,

I have reviewed the suggested maps created by your appointed special map makers and **support** their efforts. I believe they have created balanced maps and respected communities as best as possible.

As a school board member in the past, I know how difficult it was to create a fair and respectful school district map. It is a supreme challenge and process.

I support these maps based on their design and see them as a strong fair basis for the political future. Sometimes, after years of tinkering, maps can become restrictive and very contrived. I believe this is what has happened to the existing election districts in Virginia. The opportunity presented today is to restart the process and provide a solid basis for fair and equitable representation.

I commend the work produced to date and look forward to the issuance of the official redistricting.

Sincerely,
Bruce C Keener
152 West Queens Drive
Williamsburg, Virginia 23185
bckeener3@gmail.com
cell: 757-790-0983

From: [JoAnn Gannon](#)
To: [Redistricting](#)
Subject: I oppose redistricting Stafford with No. Virginia
Date: Thursday, December 16, 2021 7:43:19 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

I am very concerned about the proposed redistricting of Stafford and Fredericksburg.

*The proposed New 7th District ignores the long-standing relationships that Stafford holds with the counties surrounding it in the Rappahannock Region. * Almost all of Stafford's regional interests and affiliations are with communities to the east, south, or west rather than to the north. Stafford

County should not be attached to Northern Virginia simply because I-95 runs through it. Stafford is more than just a couple of exits off the highway. Please reflect our real world affiliations in the maps.

Thank you,

Concerned citizen

From: [Jerry Ford](#)
To: [Redistricting](#)
Subject: REDISTRICTING - HD41 & HD42
Date: Thursday, December 16, 2021 7:57:44 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Honorable Supreme Court of Virginia:

I am writing to the Court today to request the Court place the Town of Blacksburg, the Town of Christiansburg and the City of Radford in one House of Delegates district. Currently these localities have been split between HD41 and HD42 and this should not come to pass in the final redistricting.

These three urban/suburban areas constitute one community in the New River Valley and conveniently their combined populations fit within the target district size of 86,314. The similar level of land use intensity creates unique problems (and opportunities) that are not shared with the more rural areas added to the two proposed districts. Simply put, the community needs of suburban/urban areas are different from more rural areas and although there is some overlap in needs, the differences outweigh the commonalities.

In the case of the two Towns, they are members in a shared, consolidated drinking water system and a shared consolidated solid waste management facility. These are important local services provided to our community.

The two Towns are also members in a shared, consolidated 911 Emergency center created to serve the community and facilitate timely and efficient emergency response. The two Towns also have "mutual aid" agreements for response to emergencies. Public safety is an essential service to our community.

Blacksburg Transit provides essential and necessary transit service in the two Towns and the operational cost of this essential community service is shared between the Towns. The City operates its own transit service that runs between the two Towns as well. The fact that transit is needed, provided and supported indicates to me the strong link between these "communities of interest" to use an official term.

The two Towns and the City share the same regional employment centers of Virginia Tech and Radford University. As the primary economic drivers, the two Universities support many ancillary businesses as well. Because of the two universities, the two Towns and City share a large population of college age residents, a similar community demographic.

Please revise the redistricting maps to consolidate in a compact manner the Town of Blacksburg, the Town of Christiansburg and the City of Radford into one House of Delegate district.

Jerry Ford Jr
807 Petra Pass

Blacksburg, VA 24060
540-580-7832
jrford68@gmail.com

From: [Kate Flinn](#)
To: [Redistricting](#)
Subject: No to the proposed redistricting of the 7th district
Date: Thursday, December 16, 2021 9:34:44 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Hello,

I currently live in the 7th VA district. The proposed redistricting map will change my district from 7 to 5. My family moved to our current home in North Chesterfield/Bon Air from West Chesterfield several years ago because we felt the more urban area was a better fit to raise our children (both on the autism spectrum). The proximity to Richmond has indeed worked well for us, especially for our older, young adult son, who now has access to public transportation to get downtown to VCU where his doctors are located.

My concern with the proposed redistricting is that it would move us to a district that is much more rural and less in tune to the many health, educational, and therapy needs of our children. I ask that you take our concerns into account when making your final decision.

Thank you.

Sincerely,

Kate Flinn

From: [GLENN FATZINGER](#)
To: [Redistricting](#)
Subject: Proposed Redistricting in the Mount Vernon Area of Fairfax County
Date: Thursday, December 16, 2021 9:50:49 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Redistricting Officials:

The Mount Vernon area is a unified community anchored by the historic Mount Vernon Estate and should not be broken up by political redistricting into areas that have nothing in common with the Mount Vernon area. We have a pyramid school system that feeds the elementary and middle schools to the high schools, citizens shop and bank locally and provide continuing support to local churches and local historic sites like the Mount Vernon Estate, Washington's Grist Mill, Woodlawn Plantation, and Gunston Hall Estate. Citizens in our area have nothing in common with proposed political redistricting into the Fredericksburg or Manassas areas.

I live in Sulgrave Manor near the Mount Vernon Estate and my orientation since 1964 has been the Mount Vernon Estate and Alexandria, not Fredericksburg or Manassas. I want to remain in the 8th Congressional District and in the same House of Delegates and State Senate Districts because our social and commercial activities are in the Mount Vernon-Alexandria areas, not in the Fredericksburg-Manassas areas.

Dr. Glenn B. Fatzinger

From: biotyjr@aol.com
To: [Redistricting](#)
Subject: Mount Vernon Community s a Community of Interest
Date: Thursday, December 16, 2021 9:55:44 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

My name is John Bioty and I live at 8809 Stockton Parkway, Alexandria Va 22308 and have resided at this address for the past 30 years. I am also a 30 year Military Veteran (U S Marine Corps) who has served in Desert Storm.

I am writing today to oppose this redistricting initiative because it does not recognize the long-standing Mount Vernon Community as a Community of Interest. Moreover it appears to cut the existing Mount Vernon Community in half. We are more than satisfied with our Congressional Representation which is currently focused on Community needs. I join with a large number of neighbors who feel as strongly as I do regarding this redistricting initiative. Don't "fix" something that isn't broke (or you may break it).

Respectively submitted,
John R. Bioty
8809 Stockton Pkwy
Alexandria VA 22308
(703) 360-7160

From: [Alison Kelly](#)
To: [Redistricting](#)
Subject: Redistricting proposal
Date: Thursday, December 16, 2021 10:00:04 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

To Whom It Concerns:

I am opposed to the proposed redistricting of Stafford and Fredericksburg.

The proposed New 7th District ignores the long-standing relationships that Stafford holds with the counties surrounding it in the Rappahannock Region. Almost all of Stafford's regional interests and affiliations are with communities to the east, south, or west rather than to the north.

When I need goods or services outside of Stafford, I always drive towards Spotsylvania or southern Fauquier. My neighbors in Hartwood do NOT identify with NoVA. Please reflect our real world affiliations in the maps.

Thank you,

Alison Kelly

92 Heflin Rd.
Stafford VA 22556
540-842-8765

From: [ROBIN CHAMBERS](#)
To: [Redistricting](#)
Subject: Mount Vernon District
Date: Thursday, December 16, 2021 10:11:50 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Redistricting hearing,

I've been a resident of the Mount Vernon area for the past 20+ years and raised my children in the Fairfax county schools, redistricting our area with Manassas or Woodbridge is not acceptable, we have our own communities which are long standing and finally getting some of the funds to build prosperous communities and amenities for the area to thrive, most of the residents in the community are minorities, which history has showed always get the least amount of assistances and support. The Mount Vernon area is a multicultural area which holds its own in being a productive working environment and deserves to remain in its own district.

Thank you,

Robin Chambers
PO Box 89
Mount Vernon VA 22121

Sent from my iPhone

From: [Cindy Hiddemen](#)
To: [Redistricting](#)
Subject: Written Comment-Disapprove
Date: Thursday, December 16, 2021 10:18:57 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

I Disapprove of the map as drawn. Most of the Districts are tight sections in the same geographical area.

District 2 is a collection of stray cats and dogs. Northern Norfolk has much in common with Virginia Beach. Why not put Virginia Beach, north of Dam Neck and Oceana with northern Norfolk?

Portsmouth may have more in common with Franklin or Newport News. The minority representation was reduced in District 3.

--

Cindy Hiddemen
525 Catalina Ave, Virginia Beach VA 23452
757 717 9723
cindyhiddemen@gmail.com

From: [Sean Tobin](#)
To: [Redistricting](#)
Subject: New District Maps
Date: Thursday, December 16, 2021 10:29:03 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Dear Virginia Supreme Court,

I am commenting on the new Senate and Delegate districts because I care a lot about the gerrymandering issue. The new state districts are definitely contiguous and compact, a significant improvement. Many of the old districts were not that contiguous. One small issue is that the districts are mostly favoring Democrats, since many are centered around cities and towns. Many people in urban areas would like these maps. They are very good overall because they are contiguous and very compact. After a few amendments to make the districts more fair, you should vote in favor of these districts, and it will make Virginia better by having gerrymander-free voting districts for the next 10 years.

Sincerely,
Sean Tobin
6th grade
Tandem Friends School
Charlottesville, VA

Members of the court

My name is Jon Taylor, and I've been a resident of Louisa County for 20 years. The ties which bind the people of this County into a community of interest are; farming, agriculture, small family owned businesses and a rural lifestyle, ties which they share with adjacent counties in the Central Virginia region (Goochland, Orange, Fluvanna, Madison, Albermarle and Louisa Counties)

I am asking this court to do everything they can to keep these communities of interest together and not toss them into a mixing bowl of Congressional and state districts.

The proposed congressional map moves all of Louisa County from the Seventh Congressional District into a redrawn First Congressional District, which stretches from the Eastern Shore all the way to Fluvanna County, hardly the definition of compact. Or connecting communities, which have no historical or cultural ties with each other.

While incumbent protection should never be the focus of any redistricting, the proposed maps for House of Delegates (59th, and 55th districts) and Senate (10th, and 11th districts) severs Louisa County from their current representatives, and puts it's residents into districts where they have no meaningful connection with their new representatives.

Compounded by the fact only one of these four current state representatives for these new districts resides in the districts they were previously representing. A peculiar set of circumstances, which affects Nine Senate and twenty-four House of Delegates through out the Commonwealth.

When it comes to voting rights, political participation and neutrality; drawing Louisa's heaviest African American precinct into Virginia's 11^h Senate district will dilute their votes in a sea of partisanship.

For me, the biggest issue with these "nested districts," where state Senate districts were drawn to largely fit inside congressional districts, and House districts were drawn to fit within state Senate boundaries. Is that most House of Delegates and state Senate elections will be largely uncompetitive for one party or the other. <https://bit.ly/3DXYF3H>

While it's true, that drawing districts which are compact, contiguous and coherent and that are competitive are often conflicting goals, there are many districts where this is practical and achievable. <https://bit.ly/33tWvfD>

I don't believe that the people of Virginia voted twice for a constitutional amendment for fairness in the redistricting process, with the intent of seeing a handful of districts actually be competitive.

In closing, I am asking this court to do everything they can to keep communities of interest together and to make our state districts as competitive as possible.

Thank you for taking the time to listen to my testimony

Jon Taylor
182 Jacoby Road Louisa VA 23093
540 967-4555
Frisbeejon@hotmail.com

From: [steve kinnett](#)
To: [Redistricting](#)
Date: Thursday, December 16, 2021 10:53:32 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Representation in Prince William County

To whom it may concern,

I am a resident of Prince William County and am very concerned the the current proposed redistricting map will leave Prince William County without representation in Congress. Please do the right thing and give the County the representation it deserves.

Thank you,

Stephen Kinnett
12707 Knightsbridge Drive
Woodbridge, VA 23192
703-881-1076
skinnett48@gmail.com

From: [Susan Borer](#)
To: [Redistricting](#)
Cc: [DeLupoli@house.virginia.gov](#); [district25@senate.virginia.gov](#); [DeMFariss@house.virginia.gov](#); [Steve Carter](#); [Amanda Spivey](#)
Subject: County of Nelson Public Comment
Date: Thursday, December 16, 2021 10:58:13 AM
Attachments: [Letter_Supreme Court of VA re Redistricting 20211215.pdf](#)

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

December 15, 2021

The Honorable Donald W. Lemons
Chief Justice, Supreme Court of Virginia
Supreme Court Building
100 North Ninth Street
Richmond, VA 23219

Chief Justice Lemons,

The County of Nelson has completed its 2021 Redistricting Plan and a public hearing on the subject was held on December 14, 2021. It is the intent of the Board of Supervisors to approve an amendment to the Code of Nelson County regarding voting district lines on January 11, 2021 following the close of the required 45-day public comment period which concludes on December 31, 2021. This amendment includes adjusting the boundary line between the County's Central and East Districts to provide for moving 119 individuals from the Central District into the East District in order to comply with Article VII, Section 5 of the Constitution of Virginia. This change will result in a deviation from the boundary shown in the Virginia Supreme Court's "SCV Draft 1 HOD" map that delineates the boundary between Virginia's 53rd and 55th House of Delegates Districts. Nelson County respectfully requests that the final Supreme Court of Virginia House of Delegates map be adjusted to reflect this change.

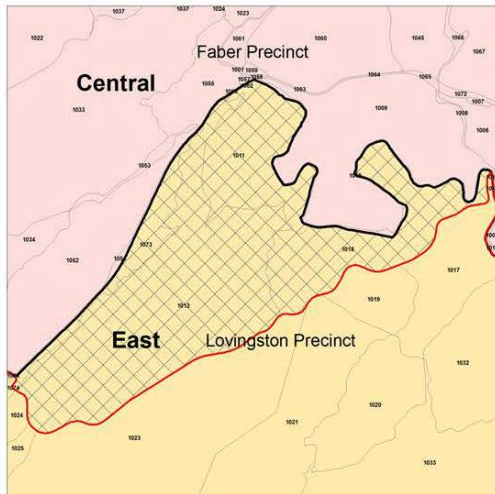
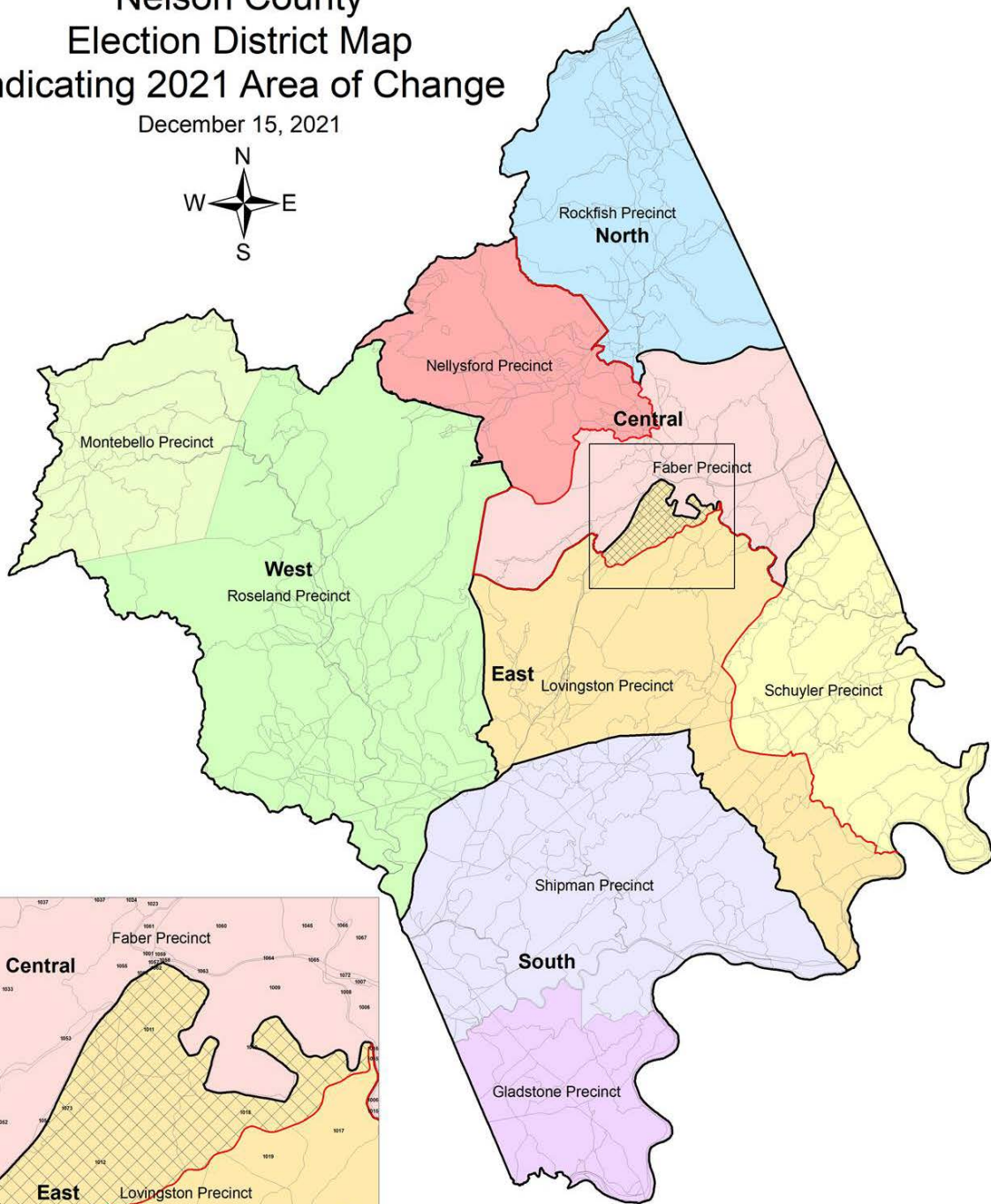
The census blocks to be moved include the following:

91 125 950102 1018
91 125 950102 1011
91 125 950102 1012
91 125 950102 1073

A map of the area is shown below and results in this section of the boundary being shifted to State Route 29 and the Rockfish River.

Nelson County Election District Map Indicating 2021 Area of Change

December 15, 2021



Legend

- SCV Draft 1 HOD Boundary
- ▨ Area of Change

Respectfully,

Stephen A. Carter
County Administrator

From: [Emily Knight](#)
To: [Redistricting](#)
Subject: Congressional maps
Date: Thursday, December 16, 2021 11:04:28 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

My name is Emily Knight. I live in Bon Air, North Chesterfield and have lived here for 20 years. I grew up in a home in Henrico county where my parents still live.

I am extremely upset to see Henrico and Chesterfield counties separated on the proposed map. Henrico and Chesterfield counties are a community of interest which share economic, social and cultural ties. On the proposed map Chesterfield is joined with very rural communities that have very different needs and interests for representation.

I have also noticed that these maps damage Virginia's only 3 Congress women and will benefit male incumbents. It appears that people drawing the maps want to remove women from Congress where they are not even fairly represented at 50%.

I am asking the court to reject these maps and to keep Chesterfield and Henrico counties together as a community of interest.

Thank you for making sure these maps represent central Virginia fairly.

Emily Knight
8353 McCaw Dr, Richmond, VA 23235
804-357-5848



FAUQUIER COUNTY REPUBLICAN COMMITTEE

P.O. Box 925
Warrenton, VA 20188
16 December 2021

Virginia State Supreme Court
ATTN: Redistricting Decision

Members of the Supreme Court:

I am Greg Schumacher, Chairman of the Fauquier County Republican Committee. Thank you for the opportunity to comment on the proposed redistricting maps developed by the Special Masters.

As a general comment, the process is made overly complex and logic-defying on paper due to trying to accommodate multiple criteria that bear no relevance to county boundaries. The process would be much cleaner by working to meet the population parities while maintaining full county boundaries as much as possible. Split counties and split cities confuse citizens and complicate election processes.

That said, I want to register the following concerns and suggestions:

- The proposed congressional map has all of Fauquier County and other counties in the Piedmont sharing the Tenth District with all of Loudon County. The Loudon piece would make up more than half of the new Tenth District population wise and is overall more Northern Virginia centric than rural and Piedmont centric. This dilutes the voice of the more culturally distinct rural Piedmont area and gives more weight, along with three other Northern Virginia districts, to the more urbanized and culturally distinct Northern Virginia area. Please consider putting Loudon in a district with western Fairfax County, and putting an intact Fauquier in a District shared with western Prince William, Stafford and Fredericksburg, all areas with more cultural similarity to Fauquier.
- I share similar concerns with proposed Senate District 31. It splits Fauquier in half and combines it with the western two-thirds of Loudon County. Rural Fauquier shares much more culturally with Warren and Clarke Counties to the west. Grabbing the little hook with voters in the Potomac Falls area looks peculiarly out of place.
- As the Senate and House of Delegate maps are quite similar, my concern with the currently drawn HoD 30th and 61st Districts are as above. They represent quite a shift in cultural similarity and are confusing to citizens and the electoral process.

Sincerely,

Gregory Schumacher
Chairman, Fauquier County Republican Committee

From: [mtsmldtd](#)
To: [Redistricting](#)
Subject: 7 th Congressional District
Date: Thursday, December 16, 2021 12:01:47 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

I moved to Richmond in 1974 to start a Residency in Internal Medicine at VCU.

I practiced Nephrology in Henrico County for 40 years. In the 1980's I had a satellite Office in Chesterfield. I have lived in both Chesterfield & Henrico for multiple decades. I am currently a 21 year Midlothian resident.

Chesterfield & Henrico are Sister Counties. They share Demographics, Economic Issues. Growth Patterns , Quality of Life, Educational Needs & Roads. Two of the areas major Hospital systems are located in these two Counties.

It would be illogical to separate the 2 Counties Congressional District.

I very much appreciate your consideration .

Martin T. Starkman MD
Midlothian, Va .
December 16, 2021

[Sent from the all new AOL app for iOS](#)

From: [Jonathan Hall](#)
To: [Redistricting](#)
Subject: Proposed redistricting plan for Elaine District 2
Date: Thursday, December 16, 2021 12:52:56 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

As a resident of Chincoteague Island since 1988, I am saddened to see Virginia choosing to gerrymander my district via the proposed redistricting plan for District 2; but remain hopeful that the court will view this as strictly a political maneuver by the majority party and as an attack on the democratic process.

Thank you for viewing my comment.

Jonathan Hall
4282 Main Street
Chincoteague Island, VA

From: [tim.hess](#)
To: [Redistricting](#)
Subject: redistricting
Date: Thursday, December 16, 2021 12:53:16 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Hello,

My name is Tim Hess with the Buchanan County Board of Supervisors, Hurricane District. I feel like Buchanan County should stay in District 5. We have a lot in common with our neighboring county Tazewell. We work very well together for the betterment of our district. Please consider leaving Buchanan County in the 5th district.

Thank you,

Tim Hess

From: [Susan Hall](#)
To: [Redistricting](#)
Subject: Redistricting comments
Date: Thursday, December 16, 2021 12:57:07 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Hi there,

Few notes on the redistricting. Not sure why these changes were made:

The district cuts off at Mt. Vernon Memorial Highway. Voters in 22308 will be grouped with voters on Rolling Road in Springfield instead of with their neighbors on Ferry Landing Road. The 8th Congressional District cuts off in approximately the same spot and puts George Washington's Mt. Vernon Estate in the same district as Quantico, Manassas, and Fredericksburg!

These maps effectively split the Mt. Vernon High School Pyramid in half and split the Hayfield Secondary School District so if you live in that area, you will not be voting with parents of other students in the same schools. It splits Fort Belvoir in half. The Congressional map splits Kingstowne between two different congressional districts.

- **Living along Mount Vernon Memorial Highway into a new Congressional District centered on Fredericksburg and Manassas instead of the existing 8th Congressional District and the rest of Mt. Vernon; and**
- **Living in Mason Neck or East of I-95 into a Virginia Senate District with people in Lake Ridge, Woodbridge, and Crosspointe, instead of with everyone else who lives in 22303, 22306, 22307, 22308, 22309, and 22315.**

Both proposals basically split the Mount Vernon High School Pyramid and Mount Vernon Supervisor District in half. They've also drawn the renumbered 34th Senate District (formerly 36th) from Mount Vernon and Lee Districts over I-95 and into Springfield by Rolling Road. They've also redrawn a renumbered 16th House of Delegates District (formerly 44th) into Wilton Woods and Burgundy Farm instead of including the Mount Vernon Estate and the neighborhoods along Mount Vernon Highway. On the positive side, Belle View/New Alexandria has been included in the 16th House of Delegates District.

Thank you,

Susan Hall
6731 Newington Rd. Lorton, VA 22079

From: [Ann Mallek](#)
To: [Redistricting](#)
Cc: [Ann Mallek](#); [Greg Kamptner](#); [Board of Supervisors members](#)
Subject: Albemarle County is divided again
Date: Thursday, December 16, 2021 1:31:39 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Thank you for receiving comment on the proposed masters' maps.

I am very discouraged that Albemarle County and particularly the White Hall district which I represent on the Board of Supervisors, is divided between two congressional districts which proceed to the northern and southern boundaries of the commonwealth.

The dividing line goes through the middle of the unincorporated town of Crozet, population c. 8000, with two of its four precincts assigned to each of the Congressional districts.

This is grossly unfair to the citizenry and removes the possibility that community of concern and common interest will be protected. Our community will have no one who really cares about it. We will not belong to anyone.

I ask you to direct the masters to remove this division in Albemarle County and assign our County to our much more frequent community of interest, the northern congressional district. Our economic development districts, highway planning districts, commuter districts are all partners north of Albemarle. Our citizenry travels to DC much more for work and for recreation than to Lynchburg.

I appreciate your effort on our behalf.

Ann Mallek
4826 Advance Mills Road
P O Box 207
Earlysville VA 22936
434-996-6159

Sent from [Mail](#) for Windows

The Supreme Court of Virginia

I am writing to you to protest the redistricting plan developed for you by the special masters. It appears the designers of this plan tried to paint a patina of bipartisanship on this plan by setting it up to appear as if each party was left with four districts the plan protected while opening three districts up to a fair competition. However, the facts show a totally partisan nature to this redistricting. Every 10 years we go through redistricting which is driven by the census numbers showing which districts have too many residents for the new target number and which have too few. In Virginia the tenth had too many and the ninth for example had too few requiring adjustments. This should be driven by a sense of fairness which was not displayed in their plan.

First, I believe it is important to point that the criteria for districts in Virginia are that they should be to the extent possible compact, contiguous, and share a common community of interests. The re-drawn tenth district is not compact and there is little common community of interests between the new additions and the northern Virginia area of the former tenth which remains.

Second let us examine the facts about the claim of equity because each party has four districts which were protected. The two democratic districts in northern Virginia are driven by the geography of the area. Alexandria, Arlington, Falls Church and Fairfax City are all totally surrounded by Fairfax County and since their combined populations are 1.6 million it would be impossible not to end up with two districts that are democratic. The other two democratic districts are represented by African Americans and to meet the civil rights requirements they are protected. Thus these four districts are protected not by the special masters plan but rather by geography and the law.

In looking at how to redistrict it was clear Fairfax and the jurisdictions it includes have over 1.6 million residents which meant it would make up two districts and some residents would have to go to another district logically the tenth. In turn the tenth included all of Loudoun county with over four hundred thousand residents and by joining those with residents of Prince William a compact and contiguous district with strong communities of interest would be created. In turn since the ninth was too small it would need to gain residents from the other republican districts next to the ninth. Those districts would in turn pick up some of those from northern Virginia. Since the second and seventh districts were already competitive and close to the correct number their changes needed to be small. This plan would have created five democratic districts three republican districts and three competitive districts and would best reflect the population changes.

Instead the masters made the tenth, the second and the seventh more likely to be competitive but leaning republican and all four republican districts were protected by your plan. This is clearly a biased suggestion. Stretching the tenth down the valley away from northern Virginia makes no sense just as pulling democratic areas out of the second makes no sense. Anyone looking at the map of Virginia should have seen the bias of the masters plan. It is also important to note that the proposed seventh district is described as leaning democratic. This is only true if you look only at the most recent elections for President when the state went democratic. Looking at other elections and the elected representatives in this area it is clear the area is more likely to lean republican particularly in non-presidential years like 2022. Larry E. Byrne 6442 Queen Anne Ter. Falls Church, VA. 22044

From: [Jeanine Martin](#)
To: [Redistricting](#)
Subject: 10th Congressional district
Date: Thursday, December 16, 2021 2:32:45 PM

EXTERNAL EMAIL

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The 10th Congressional district should not include eastern Loudoun county. The district is rural except for that part. Eastern Loudoun has more in common with the 11th district than the 10th district.

From: [Donna Lawson](#)
To: [Redistricting](#)
Subject: Salem
Date: Thursday, December 16, 2021 2:53:25 PM

EXTERNAL EMAIL

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Please accept this public comment on the proposed redistricting map. As a lifelong resident of Southwest Virginia, I want to continue to see Salem included in my congressional district. With all due respect, expanding the district east into Bedford, but excluding Salem from the 9th district makes no sense. I live in Wise County where we have far more in common with Salem than we do Bedford or Martinsville. So, please reconsider the map and please include Salem within the 9th district.

Sincerely,
Donna Lawson
Coeburn, Virginia 24230
276-393-7201

Remember to believe on the Lord Jesus Christ and thou shalt be saved. Donna

From: [Barbara Smith](#)
To: [Redistricting](#)
Subject: Rules and Procedures for Implementing the Requirements of Article II, Section 6-A
Date: Thursday, December 16, 2021 2:43:11 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

To Clerk of the Supreme Court of Virginia,

I am writing to you today about the proposed maps that are before the court this week. I am a resident of Chesterfield county and work in Henrico county. I shop, work, and visit friends in both communities. They are both fast growing, busy communities that have much in common. The proposed map would split them up and pair them with rural communities which have few needs in common.

Western Chesterfield and Western Henrico face a growing and diversifying population in which education and transportation infrastructure is very important while the rural counties are more concerned with broadband access and agricultural issues. It would not be fair to either community to have a representative trying to advocate for all of those things.

The court could tweak the map by moving Goochland, Fluvanna, Caroline, Louisa, King George and Hanover west of Ashland onto VA-05 while taking western Chesterfield that's currently in VA-05 and move it to VA-01. The eastern part of Hanover would stay in VA-01. That part of Hanover is more suburban and shares common interests with Western Chesterfield and W. Henrico. All of the communities would benefit from a representative that could focus on their communities unique interests and needs.

Please consider changing the proposed map to more fairly represent the citizens of our great state.

Thank you,

Barbara Jean Smith
11912 Hardwood Drive
Chesterfield VA 23114

From: [Harold Barnett](#)
To: [Redistricting](#)
Subject: Mt. Vernon Community representation impact
Date: Thursday, December 16, 2021 3:20:36 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

The proposed redistricting maps have a negative impact on our Mt. Vernon community regarding selection of delegates, Fairfax County Supervisor and Fairfax County School Board members. The Mount Vernon Community in my view includes. the Sherwood Hall Library, Whitman Middle School, Mt. Vernon Hospital, Mt. Vernon High School, George Washington's Mount Vernon, the Woodlawn Fire Station and the Route One transportation corridor from the Fairfax County Parkway to the Huntington Metro Station.

The proposed maps chop up this area so we no longer can select a delegate, senator and local elected officials (suupervisor, school board member, etc.) to represent our community.

It would be very helpful to see proposed maps with a link to an overlay that shows our current representation at all levels and any changes that the proposed map would make. This may be challenging however current mapping software should make supervision of impact relatively simple to implement.

Thank you in advance for soliciting my view of the proposed redistricting. More needs to be done to achieve fairness in elections for the Mount Vernon Community.

Respectfully,

Harold (Hal) Barnett
703-360-7152
703-328-9968 Mobile

From: [Mary Barnett](#)
To: [Redistricting](#)
Subject: Mt. Vernon redistricting
Date: Thursday, December 16, 2021 3:32:34 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Comment: I am horrified with the proposed redistricting maps which do not even mention and fail to recognize my community.....Mt. Vernon...home of our first President. Mt Vernon is a long-standing community of neighborhoods sharing print media, public transport infrastructure, schools, churches, a hospital, library and many viable businesses. I believe these redistricting proposals are unfair, unjust, and inherently designed to weaken the strength of our vote by essentially chopping up our community.

Sincerely,

Mary A. Barnett
703-360-7152

From: [Suzy Mullins](#)
To: [Redistricting](#)
Subject: Public Comment on proposed redistricting
Date: Thursday, December 16, 2021 3:37:04 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

To Whom It May Concern:

My name is Suzy Mullins and I live in Roanoke, Virginia. I recently moved to Roanoke for my husband's job, but grew up in Wise County in the far southwest corner of the Commonwealth and - before moving - I spent my entire life living in the 9th congressional district.

When I moved to Roanoke, I was fearful of moving to the "big city." But I was shocked at how many of my friends and neighbors were either from the coalfields or had family in my corner of Virginia. I learned quickly that Roanoke to some degree and Salem to an even larger degree has a lot in common with my rural hometown of Coeburn. The values, the economic ties, the regional identity, and the cultural identity of the 9th district are unique. That is why I, as a resident of Roanoke, and as a lifelong resident of the 9th district, respectfully request that the maps be adjusted by the Court in order for the 9th district to include Salem.

It is illogical for Salem to be removed from the 9th district. Likewise, it is illogical for the district lines of the 9th to bypass Salem entirely and, instead, expand easternward to Bedford or Lynchburg. It is possible to draw maps that are fair to everyone based on commonsense principles of keeping communities of interest together. Southwest Virginia, as a whole, is a community of interest that spans from Salem to the Cumberland Gap. Salem is a community that has far more in common with Wise than Bedford has with Salem or Wise. I hope that you would redraw the map accordingly.

Thank you for your time in considering this request. Keep Salem in the 9th!

Very truly yours,
Suzy Mullins
Roanoke, VA 24012

From: [Sophie Mullins](#)
To: [Redistricting](#)
Subject: Public Comment on proposed redistricting
Date: Thursday, December 16, 2021 3:43:08 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Hello. My name is Sophie Mullins I am an 8th-grade student. I do not comprehend why the proposed 9th district would skip Salem, but it would include Bedford. This makes no sense to me.

Sincerely,

Sophie Mullins

From: [Lara Larson](#)
To: [Redistricting](#)
Subject: Feedback on VA CD-10
Date: Thursday, December 16, 2021 4:08:38 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Hello, I'm writing with feedback on the proposed new boundaries for VA CD-10. I have several areas of concern about the proposal submitted by the special masters.

Loudoun County, whose residents make up a large portion of the current and proposed district, is an exurb of DC and should continue to be a Northern Virginia district. Loudoun's interests are not that well aligned to the rural counties being proposed to be included in the new district. It makes much more sense to center VA CD-10 with an anchor in Loudoun (a fast-growing county) and branching into Prince William County, which is a much more similar county to Loudoun. "Communities of interest" don't seem to be well-reflected in the new map, since the issues faced by voters in Sterling would be quite different from the voters in Orange. Loudoun residents don't regularly travel to do business into Madison or Culpeper counties, but we do travel into Prince William County regularly.

Thank you for your consideration.

Lara Larson
25997 Talamore Drive
South Riding, VA 20152
703-624-0946

December 16, 2021

Ms. Muriel-Theresa Pitney
Clerk of Court
Supreme Court of Virginia
100 N. 9th St, 5th Floor
Richmond, VA 23219

Dear Ms. Pitney:

On November 13, 2020, Sean Trende declared that application of “modest redistricting, combined with the demands of reapportionment, are likely to lead” Virginia to “no change” in its 7-4 party affiliation split among its congressional delegation, absent “aggressive gerrymander[ing].”¹ One year later, this Court tasked Mr. Trende with redrawing Virginia’s congressional map upon his promise to apply fair and neutral redistricting principles.² This Court now has before it a map that the Special Masters claim produces a “6-5” party affiliation split, in which “Republicans could win a majority of the seats in Virginia’s delegation” some years.³ Thus, upon the advice of Mr. Trende himself, this Court should view this map with some skepticism. By employing strict adherence to modest, traditional redistricting principles, this Court should reject the Special Masters’ congressional map—and any aggressive gerrymander—that causes this unpredictable shift.

The memorandum accompanying the court-appointed Special Masters’ congressional map released on December 8 (the “December 8 Map”) is confounding. Over 55 pages, the Special Masters endeavor to paint a picture of maps drawn in a mindful and rigorous manner. Yet, upon engaging with the content, the vague reference to the constitutional principles that should dominate this court-ordered redistricting process gives way to a haphazard, unprincipled process that is unmoored from the history, tradition, and communities that form the Commonwealth. Indeed, the Special Masters’ first point of order as they write to assure this Court and Virginians that they have performed their duty well is to declare that their “prime directive for drawing these maps comes *not* from the constitutional or statutory provisions described by this Court,” but from the need to “behave in an apolitical and nonpartisan manner.”⁴ It seems the Special Masters have misunderstood the purpose of their work, as appearances of bipartisanship are not a defense to unconstitutional maps.

The December 8 Map falls short on numerous traditional redistricting principles, even failing to achieve the population equality that is the singular driving force behind this entire decennial process.

¹ Sean Trende, *Part 2: What Redrawn House Maps Could Mean in 2023*, Real Clear Politics (Nov. 13, 2020), https://www.realclearpolitics.com/articles/2020/11/13/part_2_what_redrawn_house_maps_could_mean_in_2023_144651.html.

² See Nov. 19, 2021 Redistricting Appointment Order at 1.

³ December 7, 2021 Memo from Bernard Grofman, Ph.D. and Sean Trende to the Chief Justice and Justices of the Supreme Court of Virginia re Redistricting Maps (“Memo”) at 18-19.

⁴ Memo at 2 (emphasis added).

Worse, it does so to the detriment of minority populations, which constituted the whole of Virginia’s population growth over the last decade, and to the detriment of Virginia’s close-knit communities, which it dices and divides with a complete lack of precision. As the Special Masters are no doubt aware, the currently existing congressional map is the result of a years-long litigation dedicated to ensuring fair representation for certain of Virginia’s minority communities while adhering to federal and state legal requirements. Rather than use this court-approved map as a starting point and building upon the redistricting principles it embodied, the Special Masters chose to start from scratch. While the December 8 Map may be, in the Special Masters’ words, a “true joint effort,” it departs significantly from the lessons learned by the Commonwealth and its leaders in the last decade. If adopted, the December 8 Map would likely suffer from the same fate as its 2011 predecessor—years of tumult in the courts.

Our client has a vested interest in avoiding such an outcome. We represent James Farkas, a Virginia voter who successfully challenged the General Assembly’s unconstitutional racial gerrymander of the congressional map following the last census. The federal court reviewing Mr. Farkas’s challenge found that the Virginia General Assembly unjustifiably packed Black voters in Congressional District 3, thereby diluting their voting strength elsewhere in the Commonwealth. As a plaintiff to that litigation, Mr. Farkas now seeks to ensure that the principles behind the federal court’s ruling are preserved—and the errors underlying the General Assembly’s 2011 congressional plan are not replicated—in the redistricting that is now taking place before this Court.

In light of the December 8 Map’s failures, and pursuant to Virginia law and this Court’s rules inviting public participation in the Court’s redistricting deliberations,⁵ we submit the attached congressional map (the “Farkas Map”) on behalf of our client for consideration by the Supreme Court of Virginia and its Special Masters.⁶ The Farkas Map satisfies all applicable provisions of federal and Virginia law. Importantly, it achieves strict population equality, preserves communities of interest, and ensures that the voting strength of Virginia’s growing racial and ethnic minority population is not diluted. We strongly encourage the Special Masters and this Court to adopt the Farkas Map for Virginia’s congressional districts.

I. Background

A. The Virginia General Assembly enacted an unlawful congressional plan in 2011.

During the one hundred years following Reconstruction, Virginia did not elect a single Black representative to Congress.⁷ That changed in 1992, when the U.S. Department of Justice, acting under the power of the federal Voting Rights Act, directed the Virginia General Assembly to draw a

⁵ Va. Code Ann. § 30-399(C) (2020); Sup. Ct. of Va., *Rules and Procedures for Implementing the Requirements of Article II, Section 6-A of the Constitution of Virginia*, R4(a) (Feb. 23, 2021), https://www.vacourts.gov/courts/scv/article_2_section_6a_rules_procedures.pdf.

⁶ Images of the Farkas Map are included in-line in this submission as well as in the attached Appendix. Several mapping files for the Farkas Map have been submitted to the Court alongside this submission, in a .zip file labeled “Farkas Map Mapping Files.”

⁷ David Wasserman, *Is it Time to Rethink Hyper-Minority Districts?*, The Atlantic (Sept. 20, 2021), <https://www.theatlantic.com/politics/archive/2021/09/it-time-rethink-hyper-minority-districts/620118/>.

congressional district that provided Black voters an opportunity to elect a representative of their choice.⁸ As a result, District 3 was drawn as a majority-Black district in 1992 and voters in that district elected Representative Bobby Scott to Congress that same year. Representative Scott has represented District 3 continuously since then. He was the only Black member in Virginia’s congressional delegation from 1992 through 2016.

Over time, what began with the Department of Justice’s important effort to ensure that Black voters in Virginia were represented in Congress turned into the Virginia General Assembly packing Black voters into one congressional district, diluting their voting strength elsewhere in the Commonwealth. Although Black voters in District 3 had consistently elected their representative of choice by significant margins, ranging from 69 percent to 97 percent of the vote, the Republican-controlled General Assembly *raised* the Black voting age population (“BVAP”) of District 3—from 53.1 percent to 56.3 percent—following the 2010 Census.⁹ To do so, the General Assembly moved “predominantly white” populations out of District 3 and moved “predominantly African-American” voters into the district.¹⁰

Along with other residents of District 3, Mr. Farkas brought a lawsuit in federal court, arguing that the district was an unconstitutional racial gerrymander. In 2014, the majority of a three-judge panel agreed, finding that the General Assembly had violated the U.S. Constitution by unjustifiably packing Black voters into District 3.¹¹ The court concluded, based on direct and circumstantial evidence, that “race was the predominant factor” in drawing District 3, as mapdrawers sought to ensure the district’s BVAP exceeded 55 percent.¹² Upon reconsideration, the court again declared the General Assembly’s plan unconstitutional¹³ and appointed Dr. Bernard Grofman as a special master to advise the court on the appropriate redistricting remedy.¹⁴ In 66 pages analyzing two map configurations, Dr. Grofman explained the considerations that went into his map-drawing and why his proposed maps addressed the court’s concerns,¹⁵ including that his “concern[] for contiguity and the avoidance of unnecessary splitting of existing political subunit boundaries, and [his] attention to compactness” led to a heavily minority District

⁸ Va. Pub. Access Project, *3rd District, A Brief History* (Sept. 1, 2015), <https://www.vpap.org/updates/1996-3rd-district-brief-history/>.

⁹ *Page v. Va. State Bd. of Elections*, 58 F. Supp. 3d 533, 539 (E.D. Va. 2014), *vacated sub nom. Cantor v. Personhuballah*, 575 U.S. 931 (2015) (vacating for reconsideration in light of *Ala. Legis. Black Caucus v. Alabama*, 575 U.S. 254 (2015)); Ballotpedia, *Virginia’s 3rd Congressional District*, (last visited Nov. 6, 2021), https://ballotpedia.org/Virginia%27s_3rd_Congressional_District; Ballotpedia, *Bobby Scott (Virginia)*, (last visited Nov. 6, 2021), [https://ballotpedia.org/Bobby_Scott_\(Virginia\)](https://ballotpedia.org/Bobby_Scott_(Virginia)).

¹⁰ *Page*, 58 F. Supp. 3d at 547.

¹¹ *Id.* at 536.

¹² *Id.* at 541-50. The General Assembly used this same 55 percent target when drawing districts for Virginia’s House of Delegates following the 2010 census. A different panel of three federal judges struck down several of those districts as unconstitutional racial gerrymanders in 2018. *See Bethune-Hill v. Va. State Bd. of Elections*, 326 F. Supp. 3d 128, 180-81 (E.D. Va. 2018). The U.S. Supreme Court later dismissed an appeal of this decision, leaving the panel’s ruling intact. *Va. H.D. v. Bethune-Hill*, 139 S. Ct. 1945, 1956 (2019).

¹³ *Page v. Va. State Bd. of Elections*, No. 3:13cv678, 2015 WL 3604029, at *18 (E.D. Va. June 5, 2015). Republican members of the Virginia congressional delegation appealed the decision to the U.S. Supreme Court, but the Court rejected the appeal and left the panel’s decision intact. *Wittman v. Personhuballah*, 136 S. Ct. 1732, 1736-37 (2016).

¹⁴ *See* Letter to Couns. of R. from the Ct., *Personhuballah v. Alcorn*, 155 F. Supp. 3d 552 (E.D. Va. 2016) (No. 3:13-cv-00678-REP-LO-AD), ECF No. 236 (“*Personhuballah* Letter”).

¹⁵ *See* Rep. of the Spec. Master, *Personhuballah*, 155 F. Supp. 3d 552, ECF No. 272 (“*Personhuballah* Rep.”).

3 that did not reflect “in any way a predominant concern for race,” but rather “naturally reflect[ed] the underlying demography of the state”¹⁶ Critically, Dr. Grofman explained that when the new District 3 was drawn in accordance with *traditional districting principles alone*, rather than predominantly focusing on race, a substantial minority population in District 4 arose “virtually automatically.”¹⁷

In adopting one of Dr. Grofman’s maps, the court credited his approach to drawing the districts, concluding that Dr. Grofman was “guided by the neutral goals of compactness, contiguity, and avoiding unnecessary city or county splits, rather than any racial considerations.”¹⁸ The court explained that Dr. Grofman’s plan accorded with the principles of Section 2 of the federal Voting Rights Act because Black voters would not be deprived of the opportunity to elect their candidates of choice in either District 3 or District 4.¹⁹ The final, court-adopted plan lowered District 3’s BVAP to approximately 45 percent and increased District 4’s BVAP to about 41 percent.²⁰ Each of these BVAP percentages has proven more than sufficient for the Black communities in those districts to elect the candidates of their choice, in coalition with others. Indeed, during the 2016 election, the newly redrawn District 4 elected its first Black member, Representative Donald McEachin, while the newly redrawn District 3 reelected Representative Scott. Both representatives were subsequently reelected in 2018 and 2020.

B. Virginia’s voters demand an end to gerrymandering with the 2020 constitutional amendment.

Following the unlawful and tumultuous redistricting process of the 2010 cycle, voters successfully placed a proposed amendment to the Virginia Constitution on the 2020 general election ballot, known as the Virginia Redistricting Commission Amendment (the “Amendment”). The Amendment sought to establish a new redistricting commission comprised of 16 members from across the political spectrum, including non-partisan citizens. The Amendment garnered overwhelming support, with almost 66 percent of the electorate voting in favor of adoption.²¹ Nearly every Virginia county showed majority support for the Amendment.²² The results demonstrated the intent of the majority of Virginians to ensure that the General Assembly’s mapping manipulations that resulted in two unconstitutional redistricting maps last cycle would not be repeated.

C. The 2020 Census results reveal significant minority population growth.

The 2020 Census results reveal that Virginia’s population has grown significantly in both number and diversity. Virginia has experienced a nearly 8 percent increase in population over the past decade, adding more than 630,000 people. The majority of these gains are attributable to Virginia’s racial and ethnic minority populations: the minority population increased by more than 7 percent since 2010, while

¹⁶ *Id.* at 15.

¹⁷ *Id.* at 15-16.

¹⁸ *Personhuballah v. Alcorn*, 155 F. Supp. 3d 552, 562 (E.D. Va. 2016).

¹⁹ *Id.* at 565.

²⁰ *Id.*

²¹ Daniella Cheslow, *Virginia Voters Approve Redistricting Amendment Against Pleas From Democratic Leadership*, WAMU 88.5 (Nov. 4, 2020), <https://wamu.org/story/20/11/04/virginia-voters-approve-redistricting-amendment-against-please-from-democratic-leadership/>.

²² Virginia Dep’t of Elections, *2020 November General Election Referendum Results* (Jan. 21, 2021, 3:02 PM), <https://results.elections.virginia.gov/vaelections/2020%20November%20General/Site/Referendums.html> (last visited Nov. 24, 2021).

the Commonwealth's white population *decreased* by 5.1 percent during that same time period.²³ Notably, Virginia's Black population, which is largely concentrated in the southeastern and northern portions of the Commonwealth, outpaced the general population growth rate, increasing by 8.9 percent to now account for 20.9 percent of the Commonwealth's population.²⁴

D. The Commission fails to adopt a map, triggering this Court's duty to redistrict.

After the selection of members in the fall of 2020, the Virginia Redistricting Commission began meeting in early 2021. It held 38 meetings in Richmond and 16 public hearings across the state during which it considered public comment and proposed maps.²⁵ Unfortunately, however, the Commission deadlocked during its final meetings in September and October and found itself unable to agree on either the process of drawing new redistricting plans or the substance of those plans.²⁶ Without hope of bridging the impasse, the Commission disbanded without proposing maps for the General Assembly's consideration. The Commission's inaction triggered a constitutional failsafe by sending the task of drawing maps directly to this Court.²⁷

E. The Court's Special Masters produce a map that fails to comply with the law.

On November 19, 2021, this Court selected two Special Masters, Dr. Bernard Grofman and Sean Trende, to assist in its mapdrawing duty, directing the Special Masters to work together to produce legally compliant maps within 30 days.²⁸ Less than three weeks later, the Special Masters produced a draft congressional map—the December 8 Map—for the Court's and the public's consideration. Unfortunately, the December 8 Map violates governing legal and traditional redistricting principles.

i. The December 8 Map fails to achieve population equality while fully abandoning a modest change approach.

The most apparent—and entirely unnecessary—violation is the December 8 Map's failure to equally apportion Virginia's population across the 11 congressional districts. Remarkably, it misses this baseline mark while not making any attempt to preserve current districts through modest adjustments.

²³ Adriana Rezal, *States With the Biggest Increases in Racial Diversity*, U.S. News & World Report (Nov. 8, 2021), <https://www.usnews.com/news/best-states/articles/2021-11-08/these-states-saw-the-biggest-shifts-in-racial-diversity>.

²⁴ Staff of America Counts: Stories Behind the Numbers, *Virginia Adds More Than 600,000 People Since 2010*, U.S. Census Bureau: Va.: 2020 Census (Aug. 25, 2021), <https://www.census.gov/library/stories/state-by-state/virginia-population-change-between-census-decade.html>.

²⁵ MyDistricting Virginia, *Meetings and Public Hearings*, Va. Redistricting Comm'n, <https://www.virginiaredistricting.org/PageReader.aspx?page=Hearings> (last visited Nov. 23, 2021).

²⁶ Andrew Cain, *'This isn't working': Virginia's redistricting commission near failure on congressional map*, Richmond Times-Dispatch (Oct. 20, 2021), https://richmond.com/news/state-and-regional/govt-and-politics/this-isnt-working-virginias-redistricting-commission-near-failure-on-congressional-map/article_fb041792-94d9-57ea-bee3-a057e85d49be.html.

²⁷ Va. Const., art. II, § 6-A(g) ("If the Commission fails to submit a plan for districts by the deadline set forth in subsection (d), the Commission shall have fourteen days following its initial failure to submit a plan to the General Assembly. If the Commission fails to submit a plan for districts to the General Assembly by this deadline, the districts shall be established by the Supreme Court of Virginia.").

²⁸ See Nov. 19, 2021 Redistricting Appointment Order, at 2.

When tasked with drawing maps, courts often employ a “least-change” approach, minimizing their impact on the lines drawn by concordant branches of government or affirmed by previous courts.²⁹ The preparation of new maps, then, typically begins with an analysis of how the previous map can be updated to best reflect traditional redistricting principles and population equality.³⁰ This is particularly important when the previous map—or some portion thereof—has gone through judicial review, as is the case here.³¹ Eschewing this principle entirely, the December 8 Map abandons the meticulous review of courts past in favor of a brazen reimagination that is both unfamiliar with and detached from the communities that will live under this congressional plan for a decade to come.

ii. The December 8 Map appears to impermissibly use race as a predominant factor.

In disregarding the judicial history of Virginia’s maps, the Special Masters fail to integrate the lessons learned with respect to constructing legally compliant districts that do *not* use race as a predominant factor and still permit Virginia’s heavily minority districts to elect candidates of their choice in coalition with others. The Special Masters strenuously insist in their memorandum that they “simply drew districts without race as the predominant interest . . . by drawing districts that comply with traditional good government districting criteria . . . and considered race only *after* we had drawn a map *fully* subject to the constraints of those factors.”³² But when explaining the process that the Special Masters followed to draw historically Black Districts 3 and 4, a different picture emerges.

The Special Masters report their process for drawing District 3 by starting with an overarching assertion that the “Hampton Roads area presently contains one district that consistently elects the candidate of choice of the African-American population.”³³ The Special Masters then assert that they drew the new district lines specifically to comprise “the four major cities in the Hampton Roads area,” without regard for the surrounding communities of interest.³⁴ Next, the Special Masters report that the new urban-concentrated District 3 that they have created “left few options for the 2nd District,” which now creates an odd ‘J’ shape to include portions of the military community, the Eastern Shore, and then clumsily wraps inland. Nonetheless, the Special Masters did not then re-examine their District 3 lines or

²⁹ *E.g.*, *Johnson v. Wis. Elections Comm’n*, -- N.W. 2d --, 2021 WL 5578395 at *14-16 (Nov. 30, 2021); *Wright v. City of Albany*, 306 F. Supp. 2d 1228, 1237 (M.D. Ga. 2003).

³⁰ *Stenger v. Kellett*, No. 4:11CV2230 TIA, 2012 WL 601017, at *3 (E.D. Mo. Feb. 23, 2012) (“A frequently used model in reapportioning districts is to begin with the current boundaries and change them as little as possible while making equal the population of the districts. This is called the ‘least change’ or ‘minimal change’ method, which assumes that if the current district map complied with the redistricting criteria during the previous census, then a new map will likely comply with only limited changes.”). *Martin v. Augusta-Richmond Cty., Ga., Comm’n*, No. CV 112-058, 2012 WL 2339499, at *3 (S.D. Ga. June 19, 2012) (“Keeping the minimum change doctrine in mind, the Court only made the changes it deemed necessary to guarantee substantial equality and to honor traditional redistricting concerns.”); *Below v. Gardner*, 148 N.H. 1, 963 A.2d 785, 794 (2002) (“[B]y using the existing senate districts, we are able to ensure, to the greatest extent practicable, that each senatorial district contains roughly the same constituents as the last validly enacted plan.”).

³¹ *Crumly v. Cobb Cty. Bd. of Elections & Voter Registration*, 892 F. Supp. 2d 1333, 1345 (N.D. Ga. 2012) (“In preparing the draft map, the Court began with the existing map drawn by Judge Carnes in 2002.”).

³² Memo at 5 (emphases added).

³³ *Id.* at 14.

³⁴ *Id.*

look to the prior court-approved map for guidance; rather they remained committed to a District 3 that pulled in as much urban population as possible.

Next, and more overtly, the Special Masters report that they proceeded to draw District 4 to purposefully increase the BVAP. Dr. Grofman found in 2016 that a constitutionally drawn District 3 would result “virtually automatically” in a substantial minority population in District 4.³⁵ And yet, the Special Masters now report that their initial lines for District 4, which aimed to create a “compact district that included only Richmond City and Henrico/Chesterfield counties,” left Black voters comprising “a little more than a third of the population.”³⁶ Without any further examination or explanation of voting trends across coalitions, and without regard to the court-approved existing District 4, the Special Masters simply drew the District anew, employing their own standard of “reasonably compact,” to divide Henrico and Chesterfield counties in a manner that inflated the BVAP by 15 percentage points to 45.3 percent.³⁷

The result of the Special Masters’ approach to Districts 3 and 4 leaves each with BVAP populations that exceed the percentages that have proved more than sufficient for Black voters to have an opportunity to elect their preferred candidates. Notably, the Special Masters’ approach to these minority-opportunity districts stands in sharp contrast to their deference to “Virginia’s lengthy tradition of placing a district in Southside Virginia”³⁸ to create the 73% white District 5,³⁹ and the lamenting concern of the pre- and post-Civil War deference to the Blue Ridge and Appalachian communities of Districts 6 and 9,⁴⁰ which are over 86% and 90% white, respectively. Such racially disparate mapdrawing cannot stand.

iii. The December 8 Map fails to respect communities of interest.

Finally, the December 8 Map sharply divides communities of interest across the state, with the notable exception of providing special care to keep Virginia’s Appalachian communities united.⁴¹ From Northern Virginia’s metropolitan D.C. communities, to the military communities on the Eastern Shore, to the affinity between the Albemarle and Richmond’s Western exurbs, the December 8 Map does little to unite Virginians of common interest under common representation. The overwhelming commentary from Virginians during the public hearing on December 15 before this Court supports the fact that Virginians want to keep their communities together, and the December 8 Map fails to do so. Citizen after citizen informed this Court that the western exurb communities of Richmond are inextricably linked by social, educational, environmental, and economic common interests. Others pleaded for central Virginia to retain its representation and identity in District 7. And several Virginians highlighted the stark disparities in interest between Loudoun County and counties to the south. This failure to keep together the communities in which Virginians live their lives and find their common voice is nonsensical, as well as noncompliant. This Court and the Special Masters can and must do better.

³⁵ *Personhuballah* Rep. at 15-16.

³⁶ Memo at 14.

³⁷ *Id.* at 15.

³⁸ *Id.* at 15.

³⁹ *Id.* at 18.

⁴⁰ *Id.* at 12-13.

⁴¹ *See id.* at 6, 12-14.

F. The Farkas Map accounts for Virginia’s population changes while ensuring compliance with federal and Virginia law.

Mr. Farkas submits the Farkas Map for consideration by the Special Masters and the Court. For the reasons explained below, the Farkas Map provides equally apportioned districts that are compact, share common community interests, and protect the voting power of Virginia’s increasing racial and ethnic minority populations, consistent with all applicable laws and legal precedent. We submit that the Farkas Map achieves these goals more fully and consistently than the Special Masters’ December 8 Map.

II. Legal Standards

A. Population equality

To ensure every voter has an equal voice in government, districts must be evenly apportioned by population. “[A]bsolute population equality is the paramount objective,”⁴² as the Constitution unequivocally requires that elections for the U.S. House of Representatives must be based upon population, first and foremost, such that “one man’s vote in a congressional election is to be worth as much as another’s.”⁴³ Under federal law, therefore, U.S. congressional districts must be as nearly equal in population as is practicable.⁴⁴ Moreover, a court-ordered redistricting plan must conform to a higher standard of population equality than a redistricting plan created by a legislature, permitting only negligible variance.⁴⁵ Likewise, the Virginia Constitution requires that redistricting maps “be so constituted as to give, as nearly as is practicable, representation in proportion to the population of the district.”⁴⁶

B. Contiguity and Compactness

The Virginia Constitution requires that every “electoral district shall be composed of contiguous and compact territory.”⁴⁷ A district is not contiguous if it is connected only by “water running downstream or upriver”⁴⁸ “[L]and masses separated by water *may* [] satisfy the contiguity requirement in certain circumstances.”⁴⁹ To comply with the compactness requirement, districts must be drawn “employing one or more standard numerical measures of individual and average district compactness, both statewide and district by district.”⁵⁰ While ease of travel within a district may be considered when evaluating its compactness, it should not be the controlling factor.⁵¹

⁴² *Abrams v. Johnson*, 521 U.S. 74, 98 (1997) (citation and internal quotation marks omitted).

⁴³ *Wesberry v. Sanders*, 376 U.S. 1, 7–8 (1964).

⁴⁴ *Id.*; see also *Roman v. Sincock*, 377 U.S. 695, 710 (1964) (same for state legislature districts).

⁴⁵ *Abrams*, 521 U.S. at 98; see also *Connor v. Finch*, 431 U.S. 407, 414 (1977) (same for state legislature districts); *Chapman v. Meier*, 420 U.S. 1, 26–27 (1975) (same).

⁴⁶ Va. Const. art. II, § 6.

⁴⁷ *Id.*

⁴⁸ Va. Code Ann. § 24.2-304.04(6) (2020).

⁴⁹ *Wilkins v. West*, 571 S.E.2d 100, 109 (Va. 2002) (emphasis added).

⁵⁰ Va. Code Ann. § 24.2-304.04(7) (2020).

⁵¹ *Wilkins*, 571 S.E.2d at 109.

C. Preservation of Communities of Interest

Virginia law requires that districts “be drawn to preserve communities of interest,” which are defined as “a neighborhood or any geographically defined group of people living in an area who share similar social, cultural, and economic interests.”⁵² The U.S. Supreme Court has recognized that “maintaining communities of interest” constitutes a “traditional districting principle[.]”⁵³

D. Protection of Racial and Ethnic Minority Groups

Both federal and Virginia state law protect the political rights of racial and ethnic minorities in the map-drawing process.

i. Federal law

The Equal Protection Clause of the Fourteenth Amendment protects against the drawing of districts that “rationally cannot be understood as anything other than an effort to segregate citizens into separate voting districts on the basis of race without sufficient justification.”⁵⁴ Courts apply a two-step analysis to racial gerrymandering claims. First, courts ask whether “race was the predominant factor motivating the legislature’s decision to place a significant number of voters within or without a particular district.”⁵⁵ “Second, if racial considerations predominated over others, the design of the district must withstand strict scrutiny.”⁵⁶ The burden shifts to the map-drawer “to prove that its race-based sorting of voters serves a ‘compelling interest’ and is ‘narrowly tailored’ to that end.”⁵⁷

Separately, Section 2 of the Voting Rights Act prohibits any “standard, practice, or procedure” that “results in a denial or abridgement of the right . . . to vote on account of race.”⁵⁸ Section 2 protects against “vote dilution” brought about by the “dispersal of [a group’s members] into districts in which they constitute an ineffective minority of voters.”⁵⁹ If a map-drawer invokes the Voting Rights Act to justify race-based districting, “it must show that it had ‘a strong basis in evidence’ for concluding that the statute required its action.”⁶⁰

An “effective minority district” is generally understood as one that “contains sufficient population to provide the minority community with an opportunity to elect a candidate of its choice.”⁶¹

⁵² Va. Code Ann. § 24.2-304.04(5) (2020).

⁵³ See *League of United Latin Am. Citizens v. Perry*, 548 U.S. 399, 433 (2006); see also *Miller v. Johnson*, 515 U.S. 900, 916 (1995) (including respect for “communities defined by actual shared interests” in list of “traditional race-neutral districting principles”).

⁵⁴ *Shaw v. Reno*, 509 U.S. 630, 652 (1993).

⁵⁵ *Cooper v. Harris*, 137 S. Ct. 1455, 1463 (2017) (quoting *Miller v. Johnson*, 515 U.S. 900, 916 (1995)).

⁵⁶ *Id.* at 1464. (citing *Bethune-Hill v. Va. State Bd. of Elections*, 137 S. Ct. 788, 800 (2017)).

⁵⁷ *Id.*

⁵⁸ 52 U.S.C. § 10301(a); see also *id.* § 10303(f)(2).

⁵⁹ *Cooper*, 137 S. Ct. at 1464 (quoting *Thornburg v. Gingles*, 478 U.S. 30, 46 n.11 (1986)).

⁶⁰ *Id.* at 1497 (citing *Ala. Legis. Black Caucus v. Alabama*, 135 S. Ct. 1257, 1274 (2015)).

⁶¹ Nat’l Conf. of State Leg., *Redistricting Law 2010* at 68 (Dec. 1, 2009), https://www.ncsl.org/Portals/1/Documents/Redistricting/Redistricting_2010.pdf.

ii. State law

The Virginia Constitution requires that redistricting occur “in accordance with the requirements of federal and state laws that address racial and ethnic fairness.”⁶² The Constitution further requires that “[d]istricts shall provide, where practicable, opportunities for racial and ethnic communities to elect candidates of their choice.”⁶³ Virginia also recently adopted a provision modeled after Section 2 of the federal Voting Rights Act, the Virginia Voting Rights Act, prohibiting maps containing districts that result in a denial or abridgment of “the right of any citizen to vote on account of race or color or membership in a language minority group” or “to elect representatives of their choice.”⁶⁴ A district map violates this provision if, “on the basis of the totality of the circumstances, it is shown that districts were drawn in such a way that members of a racial or language minority group are dispersed into districts in which they constitute an ineffective minority of voters or are concentrated into districts where they constitute an excessive majority.”⁶⁵ Furthermore, “[d]istricts shall be drawn to give racial and language minorities an equal opportunity to participate in the political process and shall not dilute or diminish their ability to elect candidates of choice either alone or in coalition with others.”⁶⁶

E. Political Fairness

Virginia law prohibits maps that, “when considered on a statewide basis, unduly favor or disfavor any political party.”⁶⁷ This provision has not yet been interpreted by a Virginia court.

III. The Farkas Map Satisfies all Legal Requirements and Ensures Fair Representation for Virginians.

A. Overview

The Farkas Map takes the existing congressional map as its starting point but improves upon it in nearly all respects in a way that is more consistently compliant with the legal principles articulated above than the December 8 Map. It satisfies population equality requirements, increases district compactness, preserves communities of interest, and protects the voting strength of minority groups.

⁶² Va. Const. art. II, § 6.

⁶³ *Id.*

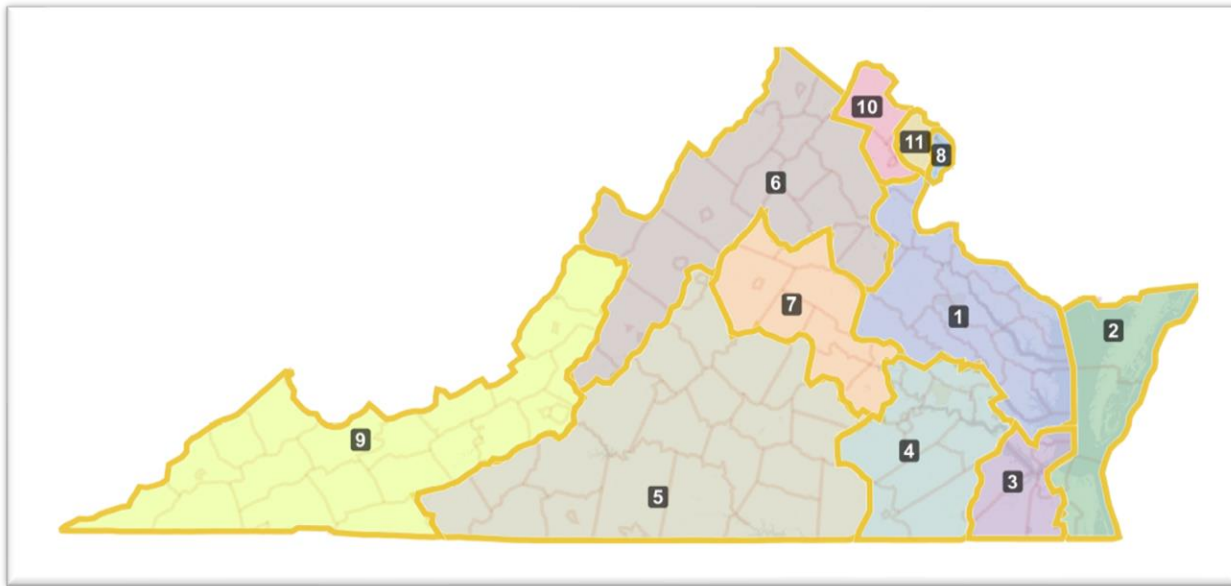
⁶⁴ Va. Code Ann. § 24.2-304.04(3) (2020).

⁶⁵ *Id.*

⁶⁶ *Id.* § 24.2-304.04(4).

⁶⁷ *Id.* § 24.2-304.04(8).

Figure 1: Farkas Map



In the northern Virginia region, the Farkas Map places the entirety of District 11 within Fairfax County, thereby creating a more compact district with a cohesive community. The map also improves the compactness of District 10, which previously ran from the Capital Beltway to the West Virginia border, by instead anchoring it in the suburban Washington, D.C. area. In central and southwestern Virginia, the Farkas Map unites Charlottesville and the surrounding Albemarle County with the suburbs surrounding Richmond in District 7. This change unites communities of interest while also improving the compactness of District 5. The map also addresses population loss in District 9 by moving Roanoke into that district. And finally, in southeastern Virginia, the Farkas Map ensures that Black communities in Districts 3 and 4 maintain their voting strength, consistent with Dr. Grofman's remedial map and the findings of a Virginia federal court in our client's case, the *Page* litigation. The map also keeps the military community in District 2 whole by anchoring the district in Norfolk and including Virginia Beach City and Chesapeake City within it.

B. The Farkas Map satisfies traditional redistricting criteria, improving upon the current plan.

i. The Farkas Map meets population equality requirements.

The Farkas Map creates districts of equal population. Six of the districts under the Farkas Map are exactly equal to the ideal population. The other five districts vary only by a single person. By stark contrast, the December 8 Map varies widely from district to district, assuring that the voice of voters in some districts, such as District 10, will carry less weight than voters in others, such as District 6.

Proposed District	Farkas Map		December 8 Map	
	Proposed Population	Deviation from Ideal Population	Proposed Population	Deviation from Ideal Population
1	784,673	+1 person	783,413	-1,259 (-0.16%)
2	784,673	+1 person	784,453	-219 (-0.03%)
3	784,673	+1 person	784,353	-319 (-0.04%)
4	784,672	0	784,366	-306 (-0.04%)
5	784,672	0	785,740	+1,068 (+0.14%)
6	784,672	0	783,436	-1,236 (-0.16%)
7	784,672	0	783,613	-1,059 (-0.13%)
8	784,672	0	784,141	-531 (-0.07%)
9	784,671	-1 person	786,021	+1,349 (+0.17%)
10	784,672	0	786,469	+1,797 (+0.23%)
11	784,671	-1 person	785,388	+716 (+0.09%)
Overall Deviation	2 people (<i>de minimis</i> percentage)		3,056 people (0.39%)	

U.S. congressional districts must be as nearly equal in population as is practicable.⁶⁸ Indeed, the Supreme Court has declared that “[a] court-ordered plan should ‘ordinarily achieve the goal of population equality with little more than *de minimis* variation.’”⁶⁹ The federal court that approved remedial Virginia districts in the *Page* litigation strictly adhered to this requirement, as did Special Master Grofman when submitting his proposal to that court.⁷⁰ Not only does the December 8 Map abandon Virginia’s history of strict adherence to this principle, but, as is apparent from the near perfect equality achieved by the Farkas Map, the December 8 Map does not even achieve population equality as closely as is practicable. Far from it. This failure would subject the December 8 Map to an exacting standard upon review.

“With a court plan, any deviation from approximate population equality must be supported by enunciation of historically significant state policy or unique features.”⁷¹ The Special Masters report that they “worked diligently to ensure that the congressional districts were *reasonably close* to equipopulous,”⁷² but this is simply not the appropriate legal standard. The Special Masters make no mention of what, if any, historically significant state policy or unique features support these deviations in population.

Indeed, the December 8 Map cannot even survive the less exacting standard applied to districts drawn by state legislatures. The U.S. Supreme Court permits some flexibility to state legislatures to achieve exact population equity, requiring that a state “justify population differences between districts

⁶⁸ *Id.*; see also *Roman v. Sincock*, 377 U.S. 695, 710 (1964) (same for state legislature districts).

⁶⁹ *Abrams*, 521 U.S. at 98-9 (deeming a court-drawn map with a deviation of 0.35% permissible due to the fact that the court—“in detail”—reviewed and accounted for specific historic preferences and unique features that demanded such a deviation).

⁷⁰ *Personhuballah* Rep. at 11 (“Since the present map and all of the maps offered in briefs submitted . . . were either exactly at ideal district size . . . or plus or minus one person, the illustrative maps I have offered to the Court also provide this level of strict population equality.”).

⁷¹ *Chapman*, 420 U.S. at 26.

⁷² Memo at 3 (emphasis added).

that could have been avoided by a good-faith effort to achieve absolute equality.”⁷³ In such instances, courts should consider “the size of the deviations, the importance of the State’s interests, the consistency with which the plan as a whole reflects those interests, and the availability of alternatives that might substantially vindicate those interests yet approximate population equality more closely.”⁷⁴ Here, there is an available alternative—the Farkas Map—that, as explained further below, substantially vindicates the other interests this Court must consider.

ii. The Farkas Map creates more compact, contiguous districts.

The Farkas Map creates more contiguous and compact congressional districts than the current map provides. These improvements are evidenced by both improved mathematical compactness scores as well as comparison with the naked eye.

Virginia courts have relied upon two leading mathematical methodologies for measuring district compactness: the Reock method and the Polsby-Popper method.⁷⁵ The Reock score “compares the area of a district to the area of the small circle that can be drawn around the district.”⁷⁶ The Polsby-Popper score “compares the area of a district to the area of a circle with the same perimeter.”⁷⁷ Both methods produce a score between 0 and 1, with 1 being most compact.⁷⁸ Thus, if a score increases from one map to another, that indicates an increase in compactness. The Farkas Map increases the statewide average Reock score over the current map—one that the federal district court already found adhered to principles of compactness⁷⁹—by over 20 percent and increases the statewide Polsby-Popper score by over 47 percent. The Farkas Map is thus even more compact on average than the current map adopted by a three-judge court.

⁷³ *Tennant v. Jefferson Cnty. Com’n*, 567 U.S. 758, 759 (2012) (per curiam) (citations and internal quotation marks omitted).

⁷⁴ *Id.* at 760.

⁷⁵ See, e.g., *Bethune-Hill v. Va. State Bd. of Elections*, 141 F. Supp. 3d 505, 535 (E.D. Va. 2015), *aff’d in part, vacated in part*, 137 S. Ct. 788 (2017) (discussing relative attributes of both the Reock and Polsby-Popper methods). The Special Masters report in their December 7 memorandum to the Court that they have utilized a third measure—“Dave’s Redistricting App”—without explanation as to how this source calculates its scores or what the range of available scoring is. We are aware of no instance of a Virginia court, or any court for that matter, approving of “Dave’s Redistricting App” as a reliable source with which to measure compactness. Quite the opposite: the Southern District of Ohio previously declined to credit maps that were drawn using Dave’s Redistricting App, determining that “testimony that the application allows for the manipulation of districts [and] failure to establish the parameters . . . used to produce the maps is problematic” and ultimately that the evidence “is insufficient to establish the reliability of the methodology used to create the maps.” *Ohio Org. Collaborative v. Husted*, No. 2:15-CV-1802, 2016 WL 8201848, at *8 (S.D. Ohio May 24, 2016).

⁷⁶ *Vesilind v. Va. State Bd. of Elections*, 813 S.E.2d 739, 743 n.3 (Va. 2018) (quoting an explanation provided by an expert witness).

⁷⁷ *Id.*

⁷⁸ *Id.*

⁷⁹ *Personhuballah*, 155 F. Supp. 3d at 562, (“[Dr. Grofman’s map] also vastly improves the Third District’s compactness score and meaningfully improves the Plan’s average compactness scores across all the affected districts.”).

The same is true when evaluating compactness of the individual districts. In the vast majority of instances, the Farkas districts are more compact than the existing map whether measured by the Reock or Polsby-Popper methods.

Proposed District	Reock		Polsby-Popper	
	Existing	Farkas	Existing	Farkas
1	0.341	0.346	0.228	0.259
2	0.28	0.245	0.215	0.314
3	0.428	0.472	0.227	0.324
4	0.415	0.565	0.213	0.293
5	0.294	0.435	0.154	0.322
6	0.259	0.3	0.162	0.155
7	0.257	0.353	0.194	0.201
8	0.331	0.321	0.256	0.348
9	0.22	0.178	0.188	0.167
10	0.29	0.35	0.126	0.3
11	0.203	0.423	0.093	0.34
Statewide Average	0.302	0.363	0.187	0.275

These metrics confirm what is observable with the naked eye, particularly with respect to the northern Virginia region. Between Districts 8, 10, and 11 alone, the population increased by nearly 300,000 Virginians, which accounts for almost 50 percent of Virginia’s overall growth since 2010. This growth necessitates more compact boundaries. The existing Districts 8, 10, and 11—intentionally left untouched in Dr. Grofman’s 2016 remedial map—currently sprawl across seven counties and five independent cities, collectively. The Farkas Map, by contrast, reduces this spread to just four counties and four independent cities.⁸⁰ Specifically, while the existing District 11 winds from northern Fairfax County down to southeastern Prince William County, the Farkas Map keeps all of District 11 within Fairfax County’s borders, giving it a much more compact shape with sensible boundaries. Similarly, while the existing District 10 runs from the Capital Beltway to the West Virginia border, across five counties and three independent cities, the Farkas Map reduces District 10 to three counties and two independent cities, concentrated in the suburban Washington, D.C. area.⁸¹ These changes improve upon traditional districting criteria to provide less sprawling and more sensible districts.

⁸⁰ See App., fig.2.

⁸¹ The Farkas Map leaves District 8 largely the same, with a nearly 90 percent overlap with the current District boundaries, given that District 8 saw only modest population gains. The Farkas Map does, however, significantly reduce the jigsaw nature of the current boundary line District 8 shares with District 11. See *id.*

[illegible]

iii. The Farkas Map reunites and preserves communities of interest.

⁸² The December 8 Map has an average Reock score of 0.383, according to Princeton University's Gerrymandering Project. Princeton Gerrymandering Project, <https://gerrymander.princeton.edu/redistricting-report-card?planId=recOUne4ZKjEyaVyJ> (last visited December 11, 2021).

⁸⁴ *Miller*, 515 U.S. at 916, 919-20.

Region by region, the Farkas Map responds to concerns raised by Virginians during both the Virginia Redistricting Commission’s tenure⁸⁵ and this Court’s process.⁸⁶ For example, numerous commenters emphasized that Charlottesville, home to the University of Virginia, and its surrounding Albemarle County have more in common with suburban Richmond County than the rural mountain areas in District 5. One Charlottesville resident urged this Court to “consider the cohesion of metropolitan areas” and to not “combine Albemarle County with a Congressional district in the Shenandoah Valley.”⁸⁷ Another explained that the current District 5 “lumps [voters] into a New Jersey-sized monolith, meaning we have no common interests . . . with other parts of the district”⁸⁸ Yet another commented that Albemarle has “no cultural, economic, or community connections” with the western portion of the state, but instead is “closely intertwined” with Richmond to the east.⁸⁹ Numerous government metrics affirm this point. For example, the Metropolitan Planning Organization for Richmond—a regional divide utilized by both the Virginia Department of Transportation and the U.S. Department of Transportation—includes the regions to the West of Richmond stretching toward Charlottesville, including Goochland and Powhatan.⁹⁰ The regions are also clearly linked by the I-64 corridor running East-West between the two metropolitan areas.

The December 8 Map, in contrast, exacerbates the splits problem by even further breaking up the Charlottesville and Albemarle County community of interest. The December 8 Map cleaves Albemarle County in half, splitting it between the Fifth District (extending all the way to Virginia’s Southern border) and Tenth District (extending all the way to Virginia’s Northern border). This does not improve on the currently existing map; it makes it worse. Indeed, in the days following the release of the December 8 Map, several Virginians have expressed concern about the split representation of Charlottesville and Albemarle County.⁹¹

The Farkas Map addresses this issue, moving Charlottesville and Albemarle County to District 7 in order to unite it with the Richmond suburbs. This change also improves the compactness of District 5, which in its current form stretches all the way from Virginia’s southern border, through Charlottesville, up to the edge of the Washington, D.C. metro area. In the Farkas Map, District 5 is anchored in the south-central region of the state. It unites Martinsville and its suburbs, which are currently separated across two districts, and it also includes Lynchburg and its surrounding counties. Further west, the map addresses population loss in District 9 by moving Roanoke into the district. This change unites Roanoke and Salem, neighboring cities that were previously placed in separate districts.

⁸⁵ See *Public Comments Submitted to VRC – Organized by Region*, Va. Redistricting Comm’n (Nov. 19, 2021), <https://virginiaredistricting.org/PageReader.aspx?page=SubmittedPublicComments> (hereinafter “VRC Comments”).

⁸⁶ *Public Comments as of 11-23-21 (10:00am)*, Va. Jud. System, https://www.vacourts.gov/courts/scv/districting/public_comments.pdf (hereinafter “Va. Sup. Ct. Comments”).

⁸⁷ Va. Sup. Ct. Comments at 73 (comment of Barbara Gehrung, Nov. 10, 2021).

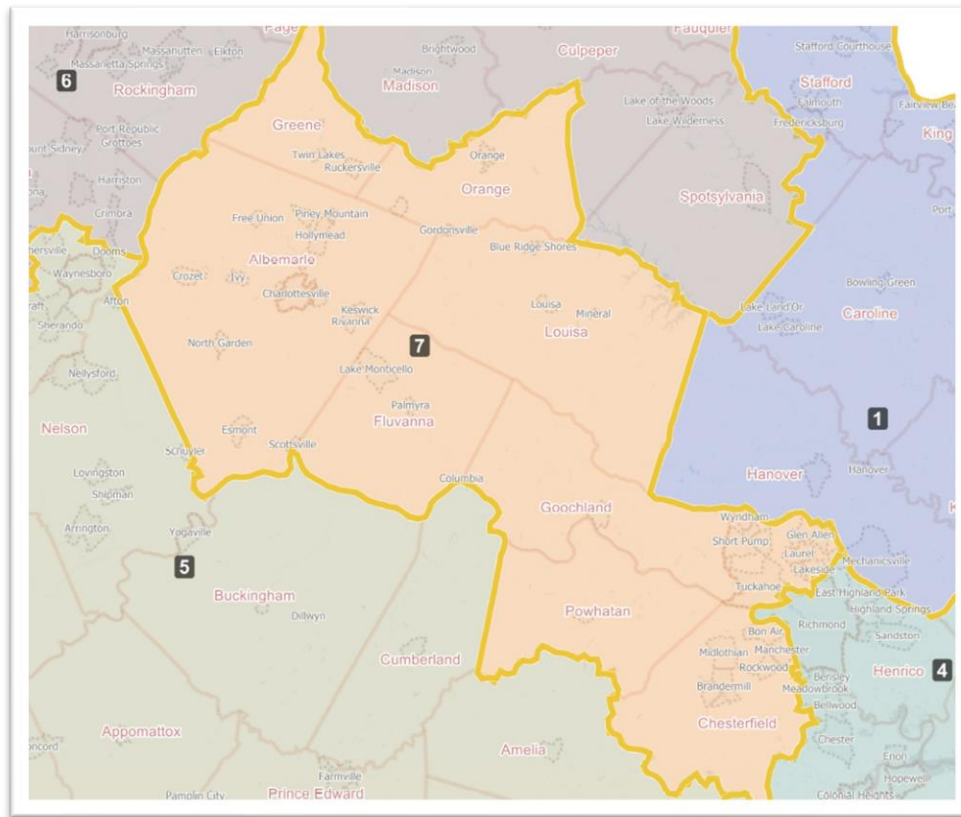
⁸⁸ *Id.* at 200 (comment of Robert E. Beard, Nov. 10, 2021).

⁸⁹ VRC Comments, Central Region at 20-21 (comment of CMS, Oct. 18, 2021).

⁹⁰ PlanRVA, <https://planrva.org/> (last visited Dec. 14, 2021).

⁹¹ See *MyDistricting Virginia*, <https://www.virginiaredistricting.org/legdistricting/comments/plan/513/1> (last visited December 11, 2021) (comments placed near Charlottesville).

Figure 3: Central Virginia

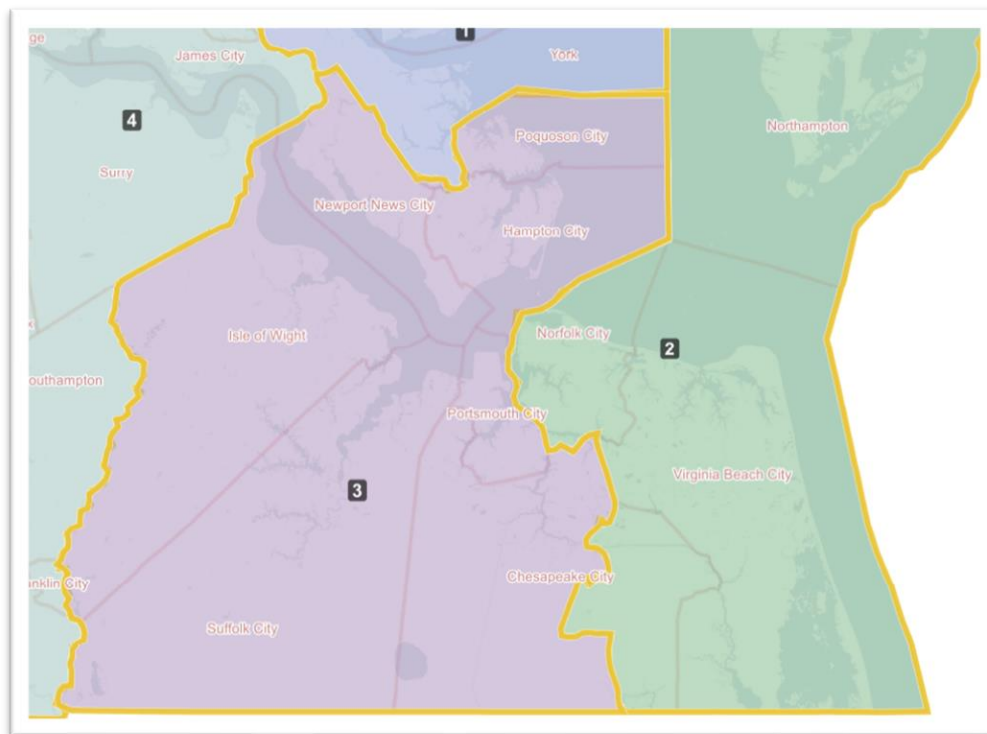


In the northern Virginia region, the Farkas Map unites communities in the Washington, D.C. metropolitan and suburban areas. These communities share similar social, cultural, and economic interests, as they house the metropolitan D.C. workforce. The Farkas Map recognizes this reality and ensures that Districts 8, 10, and 11 are focused in metropolitan and suburban Northern Virginia. This greatly improves upon the current map, which, for example, currently includes a northern district (District 10) that stretches all the way to the West Virginia border, tying the D.C. suburbs with rural communities that do not share common interests. The Farkas Map reduces District 10 to predominantly Loudon and Prince William counties, tracing the expanding D.C. suburban area and reducing county splits. By contrast, the December 8 Map carves Loudoun County out of the metropolitan D.C. districts, separating it from neighboring Fairfax County communities along Route 7 as well as from neighboring Prince William County. The splitting of communities that serve the Dulles Technology Corridor defies logic because they are all inextricably tied by common interests to the greater D.C. area. Indeed, recognizing the links of these communities to each other and D.C., the U.S. Department of Transportation has worked with local authorities to expand Metrorail service on the new Silver Line to Washington Dulles

International Airport and further west into Loudoun County in a project dubbed the “Dulles Corridor Metrorail Project.”⁹²

In southeastern Virginia, the Farkas Map ensures that the community of veterans and active-duty military in and around Norfolk is kept whole by anchoring District 2 in that county and by including Virginia Beach City and Chesapeake City in the same district. This is not the case with the December 8 Map, which unnecessarily divides these closely linked military communities between Districts 2 and 3. The populations of Norfolk and Virginia Beach share common federal and environmental concerns, and together form the socio-economic backbone of the Hampton Roads region; they should not be divided. As one commenter to this Court explained, “Norfolk and Virginia Beach are tied to the Norfolk Naval Base with all the active duty and veterans who reside here. . . . Please consider a Norfolk/VB district for [District 2].”⁹³ Instead, the December 8 Map lumps Virginia Beach with Isle of Wight and Suffolk, despite those communities having more in common with Portsmouth than Virginia Beach.

Figure 4: Hampton Roads



For all these reasons, the Farkas Map thus reflects and significantly improves upon the preservation of communities of interest across the Commonwealth. The memorandum accompanying the December 8 Map expressed great solicitude for defining and maintaining communities of interest along

⁹² See U.S. Dep’t of Transp., *Dulles Corridor Metrorail Project*, <https://www.transportation.gov/buildamerica/projects/dulles-corridor-metrorail-project> (last visited Dec. 11, 2021); see also Dulles Corridor Metrorail Project, *Silver Line* Stations, <https://www.dullesmetro.com/silver-line-stations/> (last visited Dec. 11, 2021).

⁹³ Va. Sup. Ct. Comments at 166 (comment of Charles F. Stanton, Nov. 10, 2021).

the Blue Ridge and in Appalachia, which are predominantly white, rural communities.⁹⁴ Similar care ought to be applied to preserving the communities described above, which are in many instances more diverse, urban and suburban communities. The Farkas Map fully accounts for those communities that the December 8 Map neglects.

iv. The Farkas Map protects racial and ethnic minority groups.

The Court should ensure that the failures of the General Assembly, which required years of federal litigation to remedy, are not repeated this redistricting cycle. The Court should be guided by race-neutral districting principles and reject any map that unjustifiably overpacks Black voters within districts. This approach does not require significantly altering the Black voting age population in either of Virginia's effective minority districts, Districts 3 and 4, where Black voters have been able to elect their candidates of choice under the current congressional map.⁹⁵

The Special Masters' memorandum suggests that their first and predominant consideration in the Greater Richmond and Hampton Roads areas was race, resulting in an unjustifiable increase of the BVAP percentages in the effective minority districts in those areas. The Special Masters claim that they "considered race only after [they] had drawn a map fully subject to the constraints of [the] traditional" redistricting principles.⁹⁶ But the district-specific descriptions tell another story. In discussing the Richmond and Southside regions, the Special Masters explain that they initially created "a compact district that included only Richmond City and Henrico/Chesterfield counties."⁹⁷ However, the map-drawers then observed that Black Virginians "would total a little more than a third of the population" of the district, and so altered the map.⁹⁸ The map-drawers split both Henrico and Chesterfield Counties, in order to construct a district with a Black CVAP of 45.3%, higher than the 40% Black CVAP in the current District 4.⁹⁹ The only justification they gave was that the high-BVAP district would "likely continue to elect the African-American population's candidate of choice."¹⁰⁰ The Special Masters provided no analysis that would justify this assumption. Similarly, the Special Masters' rationale for drawing District 3 in the Hampton Roads area appears limited to ensure ability-to-elect by including as many urban areas as possible, without providing any justification that such an approach was necessary.¹⁰¹

⁹⁴ See Memo at 13.

⁹⁵ *Personhuballah*, 155 F. Supp. 3d at 562.

⁹⁶ See Memo at 5.

⁹⁷ *Id.* at 15.

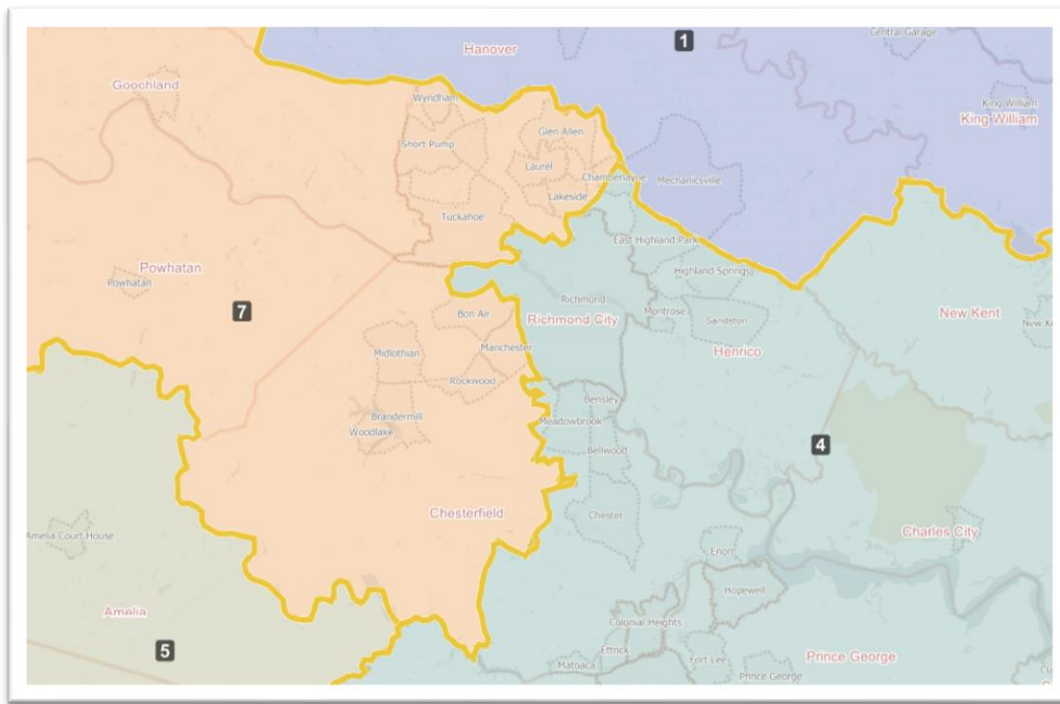
⁹⁸ *Id.*

⁹⁹ *Id.*

¹⁰⁰ *Id.*

¹⁰¹ *Id.*

Figure 5: Greater Richmond



The Farkas Map, in contrast, was drawn in accordance with race-neutral districting principles and still maintains the voting strength of Virginia’s Black communities. As explained above, the Farkas Map ensures population equality, creates compact districts, and preserves communities of interest. Doing so results in a map that includes two effective minority districts and does not dilute minority voting strength.

The Farkas Map unites all of Norfolk and Virginia Beach into District 2 and all of Hampton in District 3. In so doing, the Farkas Map decreases the BVAP in District 3 from 47 percent to 41.9 percent, resembling the demographics and configuration of the remedial map proposed by Dr. Grofman in 2016 and adopted by a federal court while retaining the same general configuration and location.¹⁰² District 3 thus remains an effective minority district in which Black voters may continue to influence election outcomes in coalition with others.¹⁰³ In the current configuration of District 3, Representative Scott won over 66 percent of the vote in 2016, over 91 percent in 2018, and over 68 percent in 2020.¹⁰⁴

The BVAP of District 4 rises only nominally to 40.1 percent in the Farkas Map from 39.7 percent in the current map while better adhering to traditional districting principles. Specifically, the Farkas Map removes the irregular arm of Suffolk and Chesapeake counties from District 4 and places them in a more

¹⁰² *Personhuballah*, 155 F. Supp. 3d at 565 (noting BVAP of 45.3 percent in District 3 and 40.9 percent in District 4 at time of adoption of existing maps in 2016).

¹⁰³ See *Bartlett v. Strickland*, 556 U.S. 1, 13 (2009) (describing an effective minority district as one in which the minority population does not make up a majority of the voting-age population but “at least potentially . . . is large enough to elect the candidate of its choice with help from voters who are members of the majority and who cross over to support the minority’s preferred candidate.”) (plurality opinion).

¹⁰⁴ Ballotpedia, *Virginia’s 3rd Congressional District*, (last visited Oct. 20, 2021), https://ballotpedia.org/Virginia%27s_3rd_Congressional_District.

contiguous and compact manner in District 3. District 4 of the Farkas Map also keeps Franklin City with neighboring Southampton.

While the Farkas Map hews closely to the versions of these minority-opportunity districts approved by the federal court in 2016, the Special Masters’ December 8 map packs a greater percentage of Black voters into each district, particularly District 4.

	Enacted Map BVAP (At Adoption)	Enacted Map BVAP (Current)	Farkas Map BVAP	December 8 Map BVAP
District 3	45.3%	47.2%	41.9%	44.5%
District 4	40.9%	39.7%	40.1%	45.3%

Dr. Grofman’s 2016 analysis of the maps he proposed to the district court demonstrate that the higher percentages are not necessary to achieve adherence to legal standards. The 2016 percentages created “a realistic opportunity [for a Democratic candidate of choice] to win election in CD3 due to cohesive voting from within the African-American community and cross-over voting from non-black Democrats.”¹⁰⁵ The changes to BVAP proposed in the December 8 Map—taken together with the failure to abide by other principles such as population equality and not dividing communities of interest—raises significant concern that Black voters are being improperly packed into these two districts.

The changes made in the Farkas Map abide by all federal and state law imperatives while having the effect of preserving the opportunity of minority voters to elect candidates of their choice in coalition with others. The Farkas Map thus comports with the principles of Dr. Grofman’s 2016 maps that remedied the unconstitutional gerrymander of the Virginia legislature following the 2010 census.

v. The Farkas Map does not unduly favor any political party.

The Farkas Map offers a blueprint for fair, representative redistricting that properly and fully accounts for all legal requirements without unduly favoring any one political party over another. The Farkas Map ameliorates the partisan bias of the December 8 Map and existing map—both with a score of approximately -9.7 percent—to just -0.6 percent based on the turnout from the 2020 presidential race.¹⁰⁶

vi. The December 8 Map ignores important impacts on incumbents.

The U.S. Supreme Court has held that states have a legitimate interest in preserving the constituencies of congressional incumbents.¹⁰⁷ The Special Masters have reported that they created the December 8 Map without any knowledge as to “which incumbents have been placed in [congressional]

¹⁰⁵ *Personhuballah Rep.* at 47.

¹⁰⁶ Partisan bias is the difference between each party’s seat share and 50% in a hypothetical, perfectly tied election. Thus, the closer the partisan bias is to 0, the lower the map’s skew toward one party or the other. A negative partisan bias score indicates bias in favor of the Republican Party, while a positive partisan bias score indicates bias in favor of the Democratic Party.

¹⁰⁷ *White v. Weiser*, 412 U.S. 783, 797 (1973).

districts with other incumbents.”¹⁰⁸ But they and this Court should be aware that the three incumbents whom the December 8 Map most threatens are the only three women in Virginia’s delegation. Indeed, some of the most problematic changes that the December 8 Map seeks to make are precisely the changes that could lead to Virginia not having a single female incumbent. The December 8 Map’s complete uprooting of District 7 can have only one effect on Representative Abigail Spanberger’s tenure in Congress, whether one knows the precise town in which she currently resides or not. Likewise, detaching District 10 from the Washington D.C. metropolitan area to incorporate rural communities to the south threatens Representative Jennifer Wexton’s position, without solving the problem of District 10’s sprawling geographic reach. Finally, splitting the military communities in Norfolk and Virginia Beach directly threatens the incumbency of Representative Elaine Luria, who is well-known for her military service and connection with that community. Representative Luria is also double-bunked with Representative Scott, one of the delegation’s only two Black members and the longest serving incumbent in the state.

Thus, the threat that the December 8 Map poses to the female and minority members—and *only* those members—of Virginia’s delegation is apparent without detailed knowledge of each incumbent’s residential address. As many Virginians explained to this Court during the December 15 public hearing, to turn a blind eye to such a result is hardly in the interest of Virginians.

vii. Nesting is not applicable to congressional maps.

The December 8 Map was drawn to “carve[] . . . Senate districts out of U.S. House districts” “to the extent practicable.”¹⁰⁹ The accompanying report acknowledged that this practice, known as “nesting,” is not required by Virginia law, nor is it required by federal law.¹¹⁰ Moreover, if nesting is applied in redistricting at all, it is typically used when drawing state legislative districts, rather than congressional districts, which are much larger and often to do not correspond neatly to the number of state legislative districts.¹¹¹ It is unclear how application of this non-statutory principle served to constrain or guide the Special Masters’ drawing of the congressional districts, specifically. It is clear, however, that the Special Masters report that they employed nesting to keep communities of interest together despite previously acknowledging that they are not fully apprised of the communities of interest that exist in Virginia.¹¹² As discussed above, the December 8 Map unnecessarily fractures multiple important communities of interest across the Commonwealth at the congressional district level. The Special Masters’ application of nesting thus serves only to replicate this noncompliance across all maps. Indeed, there does not appear to be a principled basis for the December 8 Map’s adoption of certain non-statutory criteria, such as nesting, and rejection of others, such as incumbency.

¹⁰⁸ Memo at 10.

¹⁰⁹ *Id.*

¹¹⁰ *See id.*

¹¹¹ *See* Ballotpedia, *Nesting*, <https://ballotpedia.org/Nesting> (last visited December 11, 2021) (discussing nesting in the context of state legislative districts only); *see also Bethune-Hill v. Va. State Bd. of Elections*, 141 F. Supp. 3d 505, 538 (E.D. Va. 2015), *aff’d in part and vacated in part*, 137 S. Ct. 788 (2017) (discussing nesting in the context of state legislative districts); *Davis v. Bandemer*, 478 U.S. 109, 179 n. 18 (1986), *abrogated in part on other grounds by Rucho v. Common Cause*, 139 S. Ct. 2484 (2019) (J. Powell, concurring in part) (same).

¹¹² *Compare* Memo at 7 (acknowledging lack of awareness of all applicable communities of interest) *with* Memo at 10 (reporting that nesting was used to align communities of interest under common representation).

IV. Conclusion

This Court, with the help of the Special Masters, now has the duty to draw congressional districts that will govern elections over the next ten years. The Farkas Map offers fair, representative congressional districts that are fully compliant with federal and Virginia law. It apportions Virginia's population equitably; improves upon traditional districting metrics of contiguity, compactness, and political subdivision splits; and preserves and reunites long-split communities of interest. In so doing, it ensures that Virginia's growing racial and ethnic minority communities, which have been the main drivers behind Virginia's population growth, retain their opportunity to elect candidates of their choice in coalition with others, without diluting their voting strength by packing them within certain districts

Any map adopted by the Court must contend with these important considerations and requirements in order to comply with the law and the will of Virginia voters. Accordingly, Mr. Farkas respectfully requests that the Special Masters and ultimately the Court adopt the Farkas Map for Virginia's congressional districts.

Respectfully submitted,

/s/ Marc E. Elias

Marc E. Elias*

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Counsel for James Farkas

** Not admitted to practice in Virginia.*

Mssrs. Elias and Brewer are admitted in

*DC, Ms. Gambhir is admitted in CA, and
Ms. Khanna is admitted in WA.*

Enclosures:
Appendix, Figures 1-5
Farkas Map Mapping Files

APPENDIX

FIGURE 1
Farkas Map

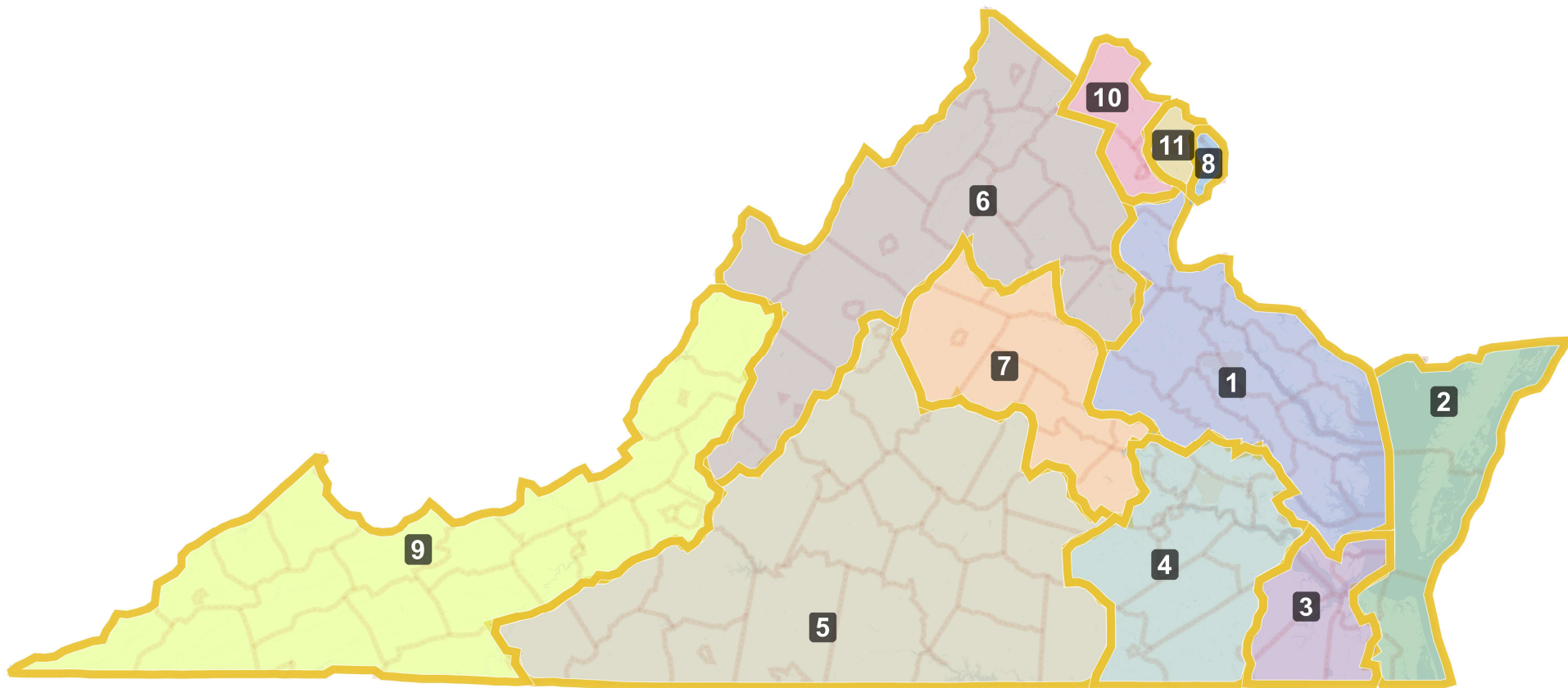


FIGURE 2
Northern Virginia

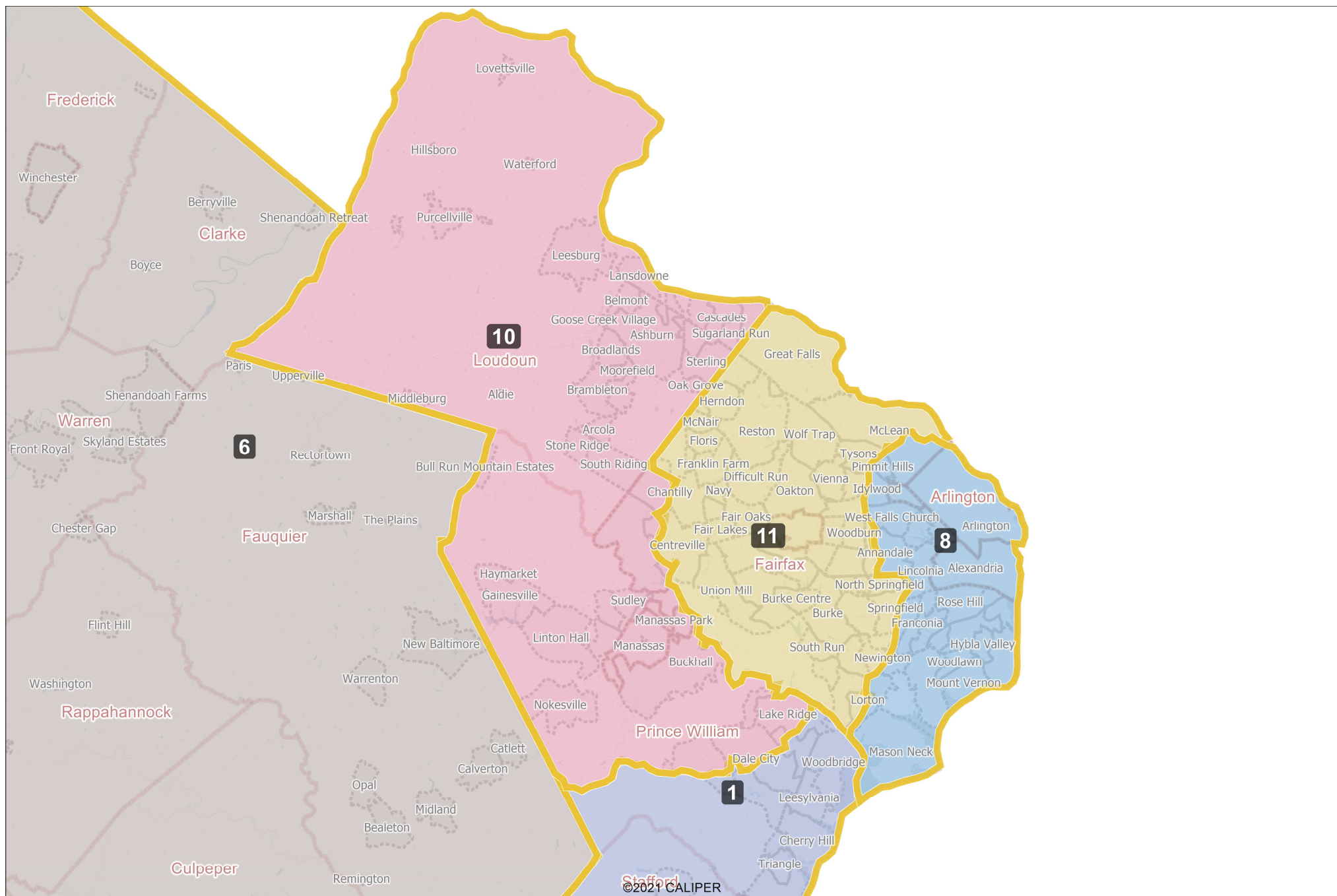


FIGURE 3
Central Virginia

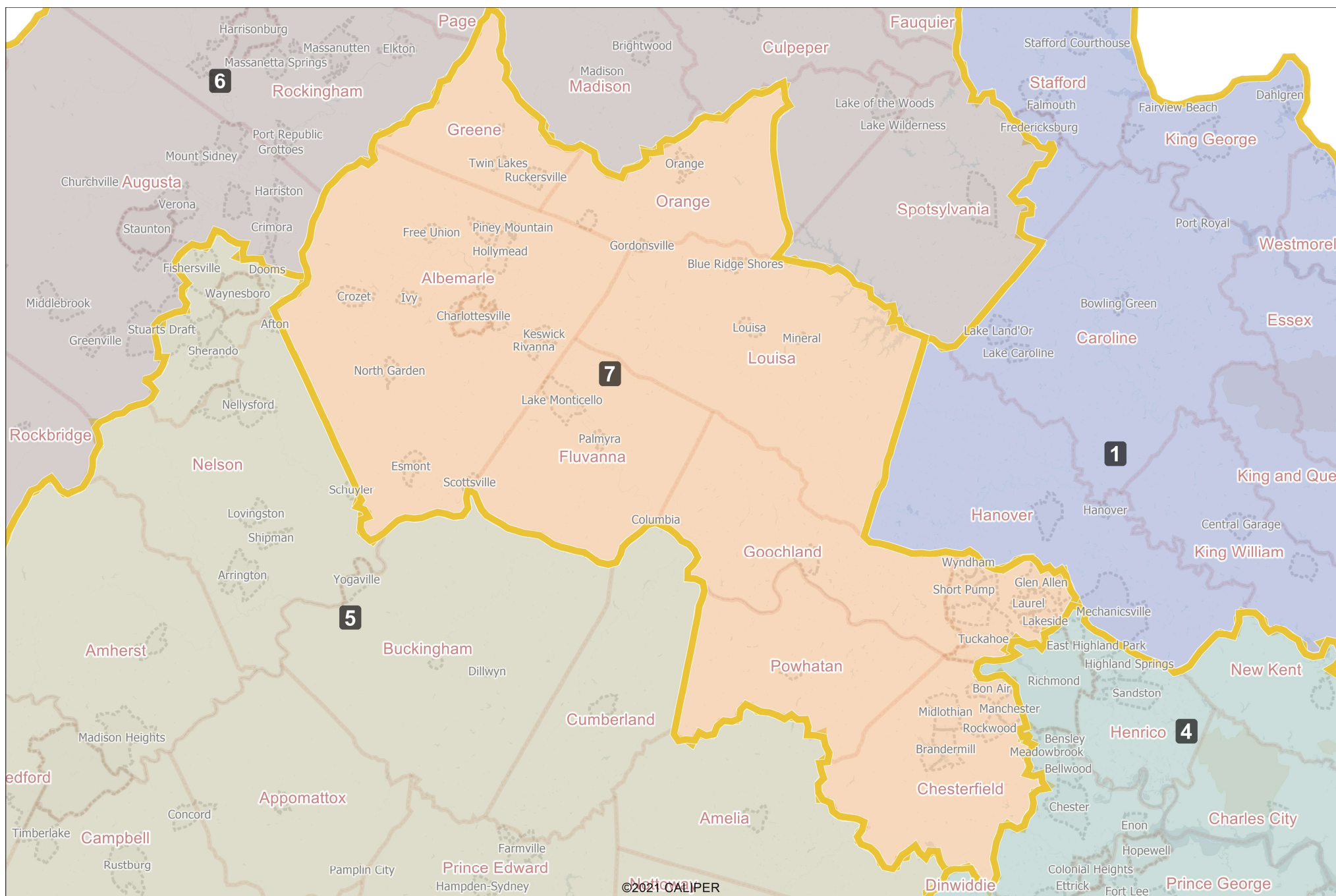


FIGURE 4
Hampton Roads

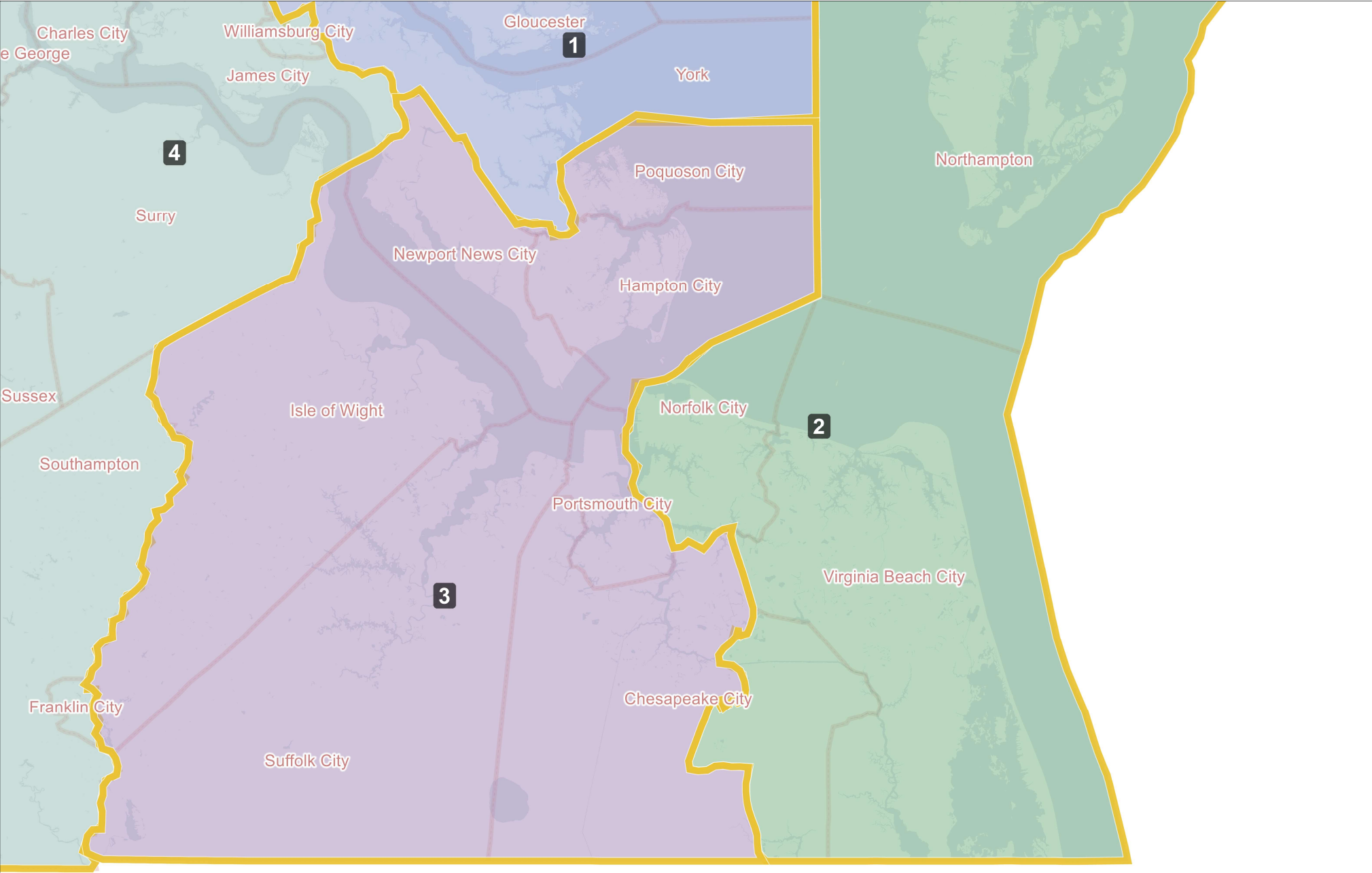
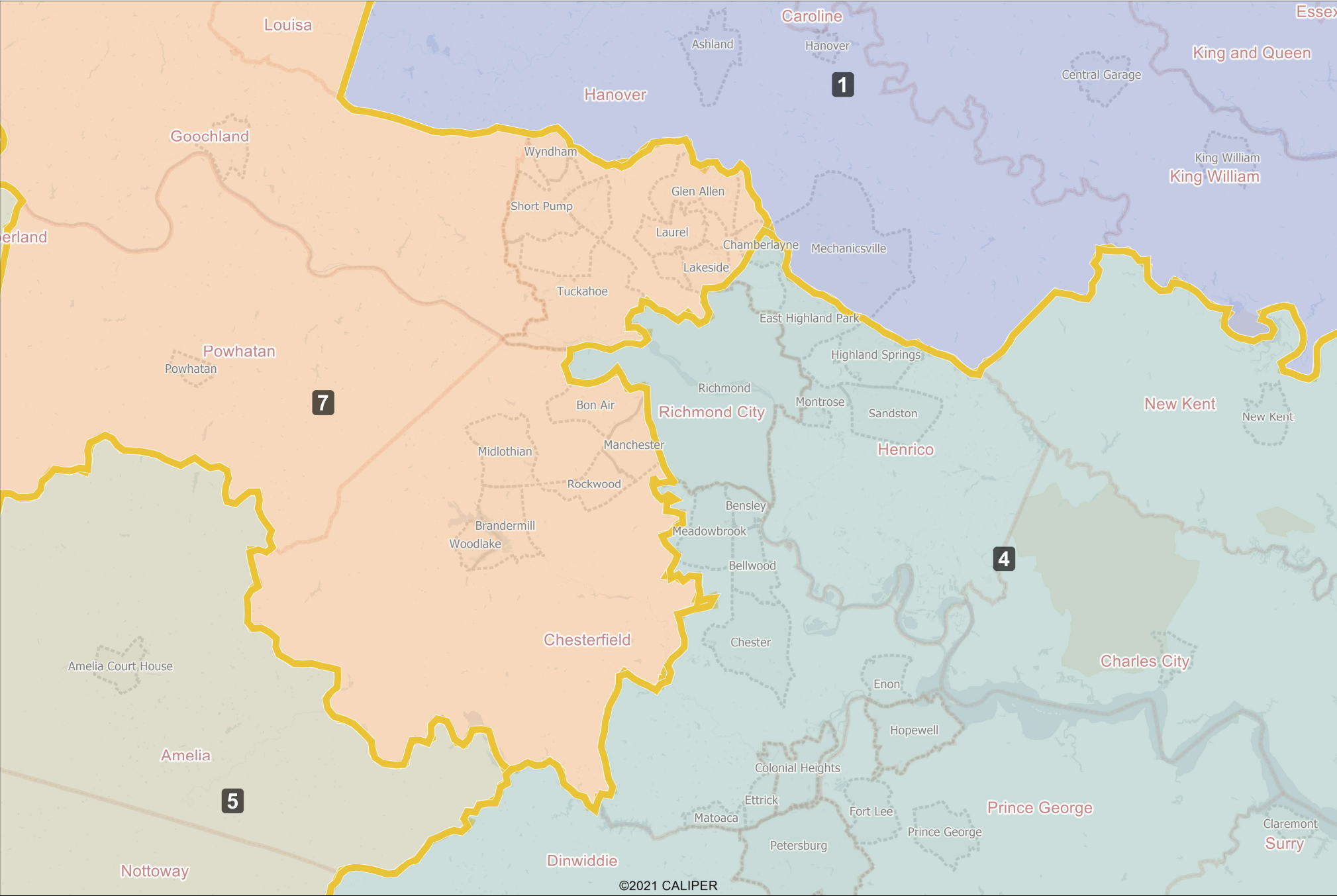


FIGURE 5
Greater Richmond



Good Afternoon Honorable Chief Justice and Justices of the Supreme Court, Court Clerks and Special Masters, Dr. Grofman and Mr. Trende. My name is Tina Winkler and I reside in Goochland County. I am here to address the issue of the lack of Central VA representation in the Congressional Map.

Goochland is a community of interest in Central VA represented by the current VA 07 Congressional District. It is imperative that Goochland remain with Henrico and Chesterfield counties. We are inextricably linked by social, economic, cultural and regional ties. One of the things that the special masters noted in their summary was their point of using Virginia's regional geography in mapping the congressional districts. If that is indeed the case, then it should be apparent that the Capital region is in the Piedmont and not Coastal VA region. I would encourage the special masters to look at the VA Redistricting Commission Map B-5 that has Central VA running along 1-64 from Henrico to Charlottesville. B-5 map fairly groups Goochland with its central Virginia neighbors, sharing cultural and economic ties to Richmond suburbs as well as the Rt 64 corridor to Charlottesville. In addition, these district jurisdictions share the middle James River watershed, an economic and ecological resource.

The way the new CD1 map is drawn is not compact and not represent Goochland's community of interest. We do not have anything in common with the Northern Neck or Coastal VA. If you look at VDOT's Map 9, it illustrates Central VA as Goochland, Henrico, Chesterfield, Powhatan, Amelia, Louisa. On the Virginia.org website, Central VA includes the Capital Region. We need a Congressional District that includes these localities. Goochland and the greater Richmond area does not even share the same media market as the rest of the new CD 1. I urge the special masters to re-examine the greater Richmond area and make sure we have representation that meets our unique needs in the Capital region.

To further illustrate my point, Goochland is included in the metro Richmond/Henrico/Chesterfield area for several cooperatives: ***Capital Region Land Conservancy, Central Virginia Waste Management Authority (CVWMA), Commodity Agriculture Training and Research, Henrico Regional Water Reclamation Facility, Henrico Water Treatment Facility and Regional Utilities Committee amongst others.***

Furthermore, the transportation infrastructure of Route 288 also links Goochland to Henrico, Powhatan and Chesterfield. People that live in Goochland, work and play in Henrico and Chesterfield.

To split the present VA07 into 4 new Congressional districts does not make sense with regards to communities of interest outlined above. Packing Goochland, Louisa, Fluvanna and Western Henrico into a district that stretches from the depths of the Piedmont all the way to the outskirts of Hampton Roads leaves all of these communities without an advocate in Congress. Richmond, a midsize metro area, more than deserves its own district and Goochland needs to be included.

Regarding the House of Delegates map, I am extremely disappointed that Goochland is once again split in two with the precinct that is predominantly Black in the larger HoD 56 that stretches down to Cumberland thereby diluting their voice. I am also confused by the way the dividing line was drawn and what criteria was used to make that line. Interstate 64 and Route 6 unites Goochland and Goochland should be kept together in the HoD District as a community of interest.

From: [Sara Marostica Meldrum](#)
To: [Redistricting](#)
Subject: Comment on Williamsburg redistricting
Date: Thursday, December 16, 2021 5:05:52 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

To whom it may concern:

As a public employee who lives and works in Williamsburg and James City County, I'm concerned about the separation of Williamsburg from the communities it has historically and currently belongs to in the proposed redistricting maps. Williamsburg is part of Hampton Roads, and Williamsburg and lower James City County are functionally one community. Please return Williamsburg to the 69th district.

Sincerely,
Sara Meldrum



COMMONWEALTH OF VIRGINIA

COMMONWEALTH'S ATTORNEY FOR WISE COUNTY & THE CITY OF NORTON

C.H. "Chuck" Slep, III
Commonwealth's Attorney
www.wisecwa.com

The Courthouse, Suite 123
P.O. Box 69, Wise, VA 24293
P: 276-328-9406 F: 276-328-5234

December 16, 2021

The Honorable Muriel-Theresa Pitney, Clerk
Supreme Court of Virginia
Post Office Box 1315
Richmond, Virginia 23219-1315
SENT VIA EMAIL: Redistricting@vacourts.gov

RE: Public Comment on proposed redistricting

To Whom It May Concern:

Please accept this letter as public comment for the consideration of the Court concerning the redistricting maps proposed by the Court's Special Masters. I write in my personal capacity and in my capacity as Commonwealth's Attorney for Wise County and the City of Norton.

The Senate and House maps for far Southwest Virginia have clean lines, keep localities and communities of interest together to the greatest extent possible, and overall are more representative of our regional identity.

I am especially glad to see my jurisdiction wholly contained in one Senate District (the 6th) and one House District (the 45th). Wise County and the City of Norton are a tight-knit community, with a combined population of less than 40,000 residents. Notwithstanding, we are currently split between two state senate districts and two house districts. We love all of our legislators and the opportunity to work with them, but it just makes sense to unite this community of interest as shown in the draft maps currently before the Court.

Beyond my immediate jurisdiction, I am pleased that the maps reflect important economic ties between certain localities for the 6th and 45th districts. For example, consider that we recently had a regional economic development announcement in the City of Norton that will create hundreds of jobs for Southwest Virginia. The new project was made possible because of regional collaboration and, specifically, through the formation of the Lonesome Pine RIFA (which benefits Dickenson, Lee, Scott, Wise, and Norton).

To illustrate further, consider that Wise, Lee, Scott and Norton are part of one 30th judicial circuit. Each of these jurisdictions are served by the same 30th judicial circuit drug court. We share a 30th judicial circuit multijurisdictional grand jury. We share a regional jail facility. We have common economic ties. Further, these localities are each served by Mountain Empire Community College and the University of Virginia's College at Wise.

RE: Public Comment on proposed redistricting
December 16, 2021
Page two

While I am pleased that the state legislative districts in far Southwest Virginia keep localities and communities of interest together to the greatest extent possible, it is my hope that the proposed district map for the 9th congressional district is reconsidered. The citizens of far southwestern Virginia share a common regional identity and close economic ties. It is for that reason that I am concerned and disappointed that the City of Salem and Craig County were both removed from the 9th District under the new maps. It is my respectful request that the historic, economic, cultural, and geographic interests of central Appalachia be unified in the “fighting 9th” and that it extends west of the Blue Ridge from Salem to the Cumberland Gap.

Thank you for your time and attention to this matter.

Very truly yours,

A handwritten signature in black ink, appearing to read 'C.H. Slemp', with a stylized flourish extending from the end.

C.H. “Chuck” Slemp, III

From: [William Dishon](#)
To: [Redistricting](#)
Subject: Public Comment on proposed redistricting
Date: Thursday, December 16, 2021 5:44:08 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

My name is Willian Dishon and I am an Instrumentation Technician. I live in Snowville and I am writing to offer public comment on the proposed redistricting map of the 9th Congressional District. I respectfully urge you to consider redrawing the map to include Salem in the 9th district. I have family members who reside in almost every corner of Southwest Virginia, from Lee County to Roanoke. I have traveled interstate 81 extensively and contributed professionally and financially to the economy of southwest Virginia. It is with this in mind that I write to offer my firm belief that Salem should be part of the 9th district. It just makes sense for it to be included in the district that also includes my home of Pulaski.

Sincerely,
William Dishon
Snowville Va
Pulaski Co.

From: [Adrian Hall](#)
To: [Redistricting](#)
Subject: 9th district redistricting
Date: Thursday, December 16, 2021 5:53:36 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

I am a lifelong resident of Southwest Virginia. As you know, the 9th congressional district covers a very large geographic area, but the region as a whole and its culture is unique. Covered by mountains and the history of settlement of Virginia's frontier, the people are strong and independent, hardworking and proud. We are a community of interest that spans from Roanoke west to the Cumberland Gap. For that reason, I urge the Supreme Court to consider keeping Salem in the 9th district and keeping the 9th district as small (geographically) as possible. Do not attempt to expand it to the east into areas that are not historically, demographically, geographically, and economically tied to far southwest.

Sincerely,
Adrian Hall
Pulaski County, Virginia

From: [Adrian Hall](#)
To: [Redistricting](#)
Subject: 9th district redistricting
Date: Thursday, December 16, 2021 5:53:36 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

I am a lifelong resident of Southwest Virginia. As you know, the 9th congressional district covers a very large geographic area, but the region as a whole and its culture is unique. Covered by mountains and the history of settlement of Virginia's frontier, the people are strong and independent, hardworking and proud. We are a community of interest that spans from Roanoke west to the Cumberland Gap. For that reason, I urge the Supreme Court to consider keeping Salem in the 9th district and keeping the 9th district as small (geographically) as possible. Do not attempt to expand it to the east into areas that are not historically, demographically, geographically, and economically tied to far southwest.

Sincerely,
Adrian Hall
Pulaski County, Virginia

From: [Brady Walker](#)
To: [Redistricting](#)
Subject: Redistricting
Date: Thursday, December 16, 2021 6:37:48 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Members of the Supreme Court and Special Masters,

I encourage you to consider drawing a House of Delegates district that encompasses both the cities of Danville and Martinsville. It is possible to create a district with both cities where the black vs white population is within single digits of each other. This would give minority voters a voice that they have not previously had. Danville and Martinsville are already intertwined via their economies and their residents. The district would be easily accessible to its delegate as the cities are linked by Route 58. As the two cities recover after decades of population loss and economic decline, it would be ideal for both to be represented by a single delegate who can deliver what is needed for their residents and help redefine southern Virginia.

Thank you,
Brady Walker
Dry Fork, VA

From: [Colin Achilles](#)
To: [Redistricting](#)
Subject: Thoughts on the redistricting maps
Date: Thursday, December 16, 2021 6:42:24 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Hello Special Masters,

I write all this as a lifelong resident of Virginia, born and educated in Fauquier County (specifically Warrenton), raised in Rappahannock County, and currently living in Arlington. I also have family connections to Charlottesville and Southeastern Virginia (specifically Portsmouth). I say all this to explain my experience in the state (and my biases).

I first want to say thank you for the work you have done. I was a big supporter of Amendment One that created the bipartisan redistricting commission and was very disappointed when the group failed to do its task. After reviewing your maps and the memo you wrote to the Virginia Supreme Court, I am convinced that you created them to the best of your abilities in accordance with the laws and what works best for the communities involved. At the very least, they are far better than the current gerrymandered ones we have now. That being said, I have a few comments for each one:

- US Congressional Map
 - You mentioned in your memo that you wanted to be mindful of drawing the 6th and 9th districts (along with their corresponding Senate and House districts) in accordance to where they were located along the Blue Ridge Mountains. This was very smart and I generally approve (others might object to the specifics, but there is a limit to what you can do with the population loss in those regions).
 - While this was the low hanging fruit in the process, you did the right thing by splitting up the ridiculously gerrymandered 5th district (and I say that as someone whose childhood lay mostly in that district). Most of the controversy around this seems to lie in the splitting of Albemarle County. Perhaps this can be remedied by giving the rest of the county to the new 5th district, then making up the difference by taking a small piece of the liberal-leaning 4th district and giving it to the 5th to avoid making it too tilted to the right politically (since northern Albemarle tends to be more conservative than Charlottesville).
 - I understand other people's concerns about the 10th district being anchored in Loudoun County (where my late father grew up - specifically Middleburg). However, after reviewing the matter, I cannot come up with a viable alternative; they would involve non-compact districts, splitting up more counties and/or causing a negative ripple effect for the other neighboring districts (including giving over all of Albemarle). I would also say that, while Loudoun may have differences from its southern neighbors in terms of politics and culture, those differences are less stark than those neighbors may like to admit. In other words, much of the negativity around this proposal likely has

much to do with the fear of “NOVA creep”. That may be valid, but given the low populations of these areas and the need to make things fair for the state as a whole, this may just be a new reality they have to confront. So hear what they have to say - perhaps they have a better solution - but be mindful of where it is coming from.

- State Senate Map
 - On the whole, this seems good – again, much more compact and in line with how the areas are situated. Like others, I question cutting up Fauquier, though as my previous comments imply, I understand it from a logistical and substantive standpoint. I would like to think there is a better way to do it, but I will not be the one to provide it.
- State House Map
 - More of the same. Good overall in terms of compactness. District 61 is a bit crooked, but again, not sure where to make the alternative cut.

If my comments haven’t made it clear, there is a reason why you both are doing it instead of me! Everything I just said you probably already know, and is more about personal observation and does not take into account important things you have already considered like population density, racial composition, etc. If there is anything this process has taught me it is that details matter and it has forced me personally to think about hard choices about what I want in a “fair map.” Still, I am writing this little manifesto because I - like others in Virginia and around the country- want at least some control in who represents me and to get to a better political system than what we have now. So, as a longtime cynic of the political process, thank you for giving me hope.

Happy Holidays.

Sincerely,

Colin Achilles

From: [alix.kauffman](#)
To: [Redistricting](#)
Subject: Redistricting of Senate District from 36 to 34 and House of Delegates District from 44 to 16
Date: Thursday, December 16, 2021 7:11:31 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Dear Virginia Redistricting Commission,

I am happy that Virginia voted for a nonpartisan Redistricting Commission. But now I am reminded of the saying "be careful what you wish for".

I would like to draw your attention to the following districts:

- Virginia's Senate District, old 36 new 34
- House of Delegates District, old 44 new 16

The maps as of December 8th, 2021 show Senate and House of Delegates Districts that disregard our local life.

I live in the 22308 zip code. Our life is centered towards Mount Vernon; we have a postal address of Alexandria though we have nothing to do with Alexandria City. We would have preferred to have a postal address of "Mount Vernon", which was declined as the Mount Vernon Mansion holds the trade name.

Our Mount Vernon Community does not center toward Springfield or Franconia.

Our centers of life, including church, school and transportation are:

- **Mount Vernon (including Woodlawn Estate),**
- **the Route 1 Corridor** as also highlighted in the current Multimodel Embark redevelopment supported by Federal, State and Local moneys,
- **the Gerry Hyland South County Government center and Fort Belvoir.**

I am suggesting to include the Mount Vernon Mansion from our district and not to split the Mount Vernon High school district and its feeder Elementary school, Washington Mill, which are now moved into the Fredericksburg district.

The same goes for Fort Belvoir. Fort Belvoir should not be split and be in totality part of Mount Vernon district.

Sincerely,

Alix Kauffman

8323 Stockade Drive
Alexandria VA 22308

From: [John Jeszenszky](#)
To: [Redistricting](#)
Subject: Fort Hunt of Alexandria
Date: Thursday, December 16, 2021 8:27:49 PM

EXTERNAL EMAIL

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I do not understand the benefit of redistricting which will cut us off from our neighbors by dividing the Mount Vernon area and dividing Fort Belvoir. Those of us who live in Fort Hunt, area code 22308, have neighbors, schools, groups in common and should be able to vote our concerns with neighbors. It is ludicrous to have us join Fredricksburg and Manassas, areas that are far from our neighborhood.

I strongly object to the plan for redistricting Fort Hunt with distant neighborhoods.

Arleen Jeszenszky
1901 Sword Lane
Alexandria, VA 22308

Sent from my iPad

From: [Erica Doyle](#)
To: [Redistricting](#)
Subject: Stafford
Date: Thursday, December 16, 2021 8:48:18 PM

EXTERNAL EMAIL

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To whom it may concern,

I am very concerned about the proposed redistricting of Stafford and Fredericksburg. The proposed New 7th District ignores the long-standing relationships that Stafford holds with the counties surrounding it in the Rappahannock Region. Almost all of Stafford's regional interests and affiliations are with communities to the east, south, or west rather than to the north. Stafford County should not be attached to Northern Virginia simply because I-95 runs through it. Stafford is more than just a couple of exits off the highway. Please reflect our real world affiliations in the maps.

Thank you,
Mrs.Erica Doyle

From: [Sandra Harris](#)
To: [Redistricting](#)
Subject: CD-02
Date: Thursday, December 16, 2021 9:23:46 PM

EXTERNAL EMAIL

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Sandra H. Harris
2617 South Kings Road
Virginia Beach, VA 23452
Comment type: disapprove
shanbyh@gmail.com
757-463-0513

Please rethink the redistricting proposal for Virginia's CD-02. This district is already challenging because it stretches from parts of Norfolk to the Eastern Shore. To add the western areas of Suffolk and Isle of Wight defies any pretense of compactness. Second, the proposed map will split our military and retired military interests with meat-packing interests, thereby diluting the focus of the CD-02 congressperson. Furthermore, this map decreases the minority population in CD-03. Is that even legal?

From: elaine.fishman@comcast.net
To: [Redistricting](#)
Subject: Protect Communities of Interest
Date: Thursday, December 16, 2021 9:27:41 PM

EXTERNAL EMAIL

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I am writing to express my concerns about the redistricting map which would splinter the Richmond Metropolitan area into at least three different congressional districts.

I have been a resident of Chesterfield County for over 20 years. During my working years, I traveled daily to my job in Henrico County. Since retiring, I continue to “cross the river” on an almost weekly basis to take advantage of the cultural events, shopping, restaurants and medical facilities that Richmond has to offer. This is easy to do because there are multiple highways and bridges that connect the north and south parts of the Richmond area. When people ask me where I am from, I say “Richmond, VA” because I consider my home to be in the Richmond Metropolitan area.

As I look at the proposed Congressional redistricting map, I am most concerned that the Communities of Interest in urban and suburban Richmond have been split apart with no thought for how its residents will be affected. Under the proposed map, I will be separated not only from the Richmond Metro area, but also from part of my own county. The new map will put me in the 5th Congressional District, with such places as Crewe, Danville and South Boston... areas where I have never been and with which I have nothing in common. As a resident in a small suburban portion of a predominantly rural district, my vote will be diluted, and I will essentially be unrepresented.

I urge that the map be reconsidered so that all of Chesterfield is in the 4th Congressional District along with the City of Richmond.

Thank you for time and consideration.

Elaine Fishman
Chesterfield, VA 23832

From: [Kate Mallek](#)
To: [Redistricting](#)
Subject: SCV DRAFT 1 CD
Date: Thursday, December 16, 2021 9:29:05 PM

EXTERNAL EMAIL

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Regarding the draft map by the special masters:

Thank you to the special masters for doing a better job than the commission was able to do statewide, but the job is NOT DONE YET. Some areas are logically now in more condensed and reasonable districts, but a few are made worse by splitting communities of interest unnecessarily. I am sure there are others that must be dealt with also, but in Albemarle County, the map splits our community right down the middle. Northern and southern Albemarle do not function independently from each other, and people who live in Albemarle often travel in and out of Charlottesville, and Charlottesvilleans to the County and back. Our community of interest is the entire County with Charlottesville surrounded within.

Across the state with this map, county lines have been respected in almost all locales, so why not for Albemarle? This work on this map is getting there but is simply not yet done. Its being better than a previous version is not an acceptable reason to stop work until it is the best it can be for all across the state. Splitting a jurisdiction, and in the case of Crozet, splitting a concise small community, in half devalues our citizens and adversely impacts our ability to advocate collectively for the needs of our community. I am sure that is not what you intend, so let's fix it. Please do not stop at this point and marginalize Albemarle and Charlottesville citizens unnecessarily.

This can be fixed. One alternative has already been drawn by another citizen and you can view it in the map submitted by Theodore Bloechle. Maybe other solutions exist also. Please keep the entirety of Albemarle, including the city of Charlottesville, together, and attach us to District 10. Thank you.

From: [Christine Eubanks](#)
To: [Redistricting](#)
Subject: Comments on the redistricting maps proposed by the Court's Special Masters
Date: Thursday, December 16, 2021 9:55:57 PM

EXTERNAL EMAIL

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Having read the comments submitted by the Elias Law group (below), I agree with their rationale and conclusions, and support the Farkas Map:

<https://www.democracydocket.com/wp-content/uploads/2021/12/Farkas-Submission-2021.12.16.pdf>

"It apportions Virginia's population equitably; improves upon traditional districting metrics of contiguity, compactness, and political subdivision splits; and preserves and reunites long-split communities of interest. In so doing, it ensures that Virginia's growing racial and ethnic minority communities, which have been the main drivers behind Virginia's population growth, retain their opportunity to elect candidates of their choice in coalition with others, without diluting their voting strength by packing them within certain districts".

Sincerely,
Christine Eubanks
8738 Hambleton Way
Mechanicsville VA 23116

From: [Kemvia Adams-Bush](#)
To: [Redistricting](#)
Date: Thursday, December 16, 2021 10:06:03 PM

EXTERNAL EMAIL

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I am writing concerned that Salem has been removed from the Ninth District. Salem is in close proximity to Eastern Montgomery and the residents use many businesses and services in that area. I am requesting that you reconsider the latest map and add Salem back in the Ninth District.

From: [Andrea Mulla](#)
To: [Redistricting](#)
Subject: Redistricting
Date: Thursday, December 16, 2021 10:20:04 PM

EXTERNAL EMAIL

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Please review this carefully again. There is a community of people in Mount Vernon. Do not split us up.

Andrea Mulla
Mount Vernon/Tauxemont
US (+1) 703-625-0977
Sent from my iPhone

From: [Randy Rollins](#)
To: [Redistricting](#)
Subject: Redistricting Maps
Date: Thursday, December 16, 2021 10:43:40 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Dear Honorable Justices:

I am impressed with the work of the Special Masters and especially appreciate their explanatory memorandum.

In my view, legislative districts should primarily allow for “communities of interest” to vote for and be represented by the same congressional representative, senator or delegate, respectively. For this reason, I would give priority to the larger communities of interest represented by urban areas (perhaps defined by SMSA’s, media coverage areas and similar factors which tend to bind these areas together) and give lesser importance to respecting political boundaries, such as county lines. The effect is to keep cities and their suburbs together, but to split counties in more rural areas, where there is less community of interest almost by definition due to distances between small communities and residences.

Areas of the proposed congressional maps that follow this principle would be the Roanoke area and the Lynchburg area. Those that are contrary to this principle are the Richmond area, represented by three representatives; the Chesapeake area, represented by two representatives; and the Charlottesville area; represented by two representatives.

I would hope the Court would make revisions of congressional lines to allow the greater Richmond area to have a single congressional representative, and for the greater Charlottesville area to be included in the same congressional district. The Chesapeake split might be as good as you can do, given the geographic issue of the Great Dismal Swamp.

While I have not looked at senate or house districts closely, I believe the same analysis should be applied.

I do not claim the level of expertise demonstrated by the Special Masters, but I have traveled the Commonwealth widely both as a Cabinet secretary for Governor Wilder and as a practicing attorney representing clients in probably 75 counties/cities and their courts across the Commonwealth. Also this is one of the first times in 50 years that my political science major actually helps.

Thank you for your service and your consideration of my comments.

O. Randolph Rollins, Esq.

4304 Monument Park
Richmond, VA 23230

Sent from [Mail](#) for Windows

From: [Terry Jones](#)
To: [Redistricting](#)
Subject: Expected Taxation After Redistricting
Date: Friday, December 17, 2021 12:18:40 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

To the Supreme Court of Virginia an redistricting Committee.

Sent from [Mail](#) for Windows

As a resident of Louisa County for over 60 years, I have resided here all my life. I reside in the Trevilian Battle Field District on Poindexter Road. The closest school is Trevilian Elementary, which is also in Patrick Henry District.

Remember the original purpose, (to end fracturing communities) and to (increase electoral competition).

We dare anticipate, new and increase tax variations thru force compliance after the new lines are drawn. I am against and for go the redistricting proposal in order to marginalize taxes.

Let's not forget our founding fathers who pen the boundaries of our great state, it was good for them then and its good enough now for me. I am sure we are not alone, having lived and own my home in Louisa ,and after this redistricting proposal, will probably be paying taxes to Albemarle County..

Terry Jones

FROM LOIS M. PASSMAN TO SPECIAL MASTERS STATE REDISTRICTING DECEMBER 14, 2021

SAVE MOUNT VERNON MAGISTERIAL DISTRICT!

RESCUE MOUNT VERNON MAGISTERIAL DISTRICT!

The Mount Vernon magisterial district in Fairfax County, Virginia is a unique and very special place. It is the home of George Washington's Mount Vernon Estate and its Presidential Library that was added to the location during the past recent 15 years.

You may not be familiar with the geography of Fairfax County. The eastern part of Fairfax County which includes Mount Vernon magisterial district and Lee magisterial district has a mailing address that says Alexandria, Virginia. The eastern part of Fairfax County, however, is not in Alexandria City. The Mount Vernon Community AREA is south of the Beltway. Alexandria City is to the north of the dividing line which is the Beltway. This naming and location clarification is very important.

Why does the eastern part of Fairfax County have an Alexandria, Virginia mailing address? Easy answer! The Alexandria name probably goes back to the Colonial history period of time. Before there was a George Washington in the neighborhood. Or, even, a Mount Vernon Estate. Yes, the residents of the Mount Vernon Community area do a careful explaining to visitors.

There are other reasons that Mount Vernon magisterial district is special. This area is like a small town. The Supervisor is like a "Mayor." Our current "Mayor," Supervisor Daniel Stork, is in his second four-year term. The previous "Mayor," Supervisor Gerald Hyland, had multiple terms, for a longevity of 25 plus years.

From 1971 to 2011 I resided in a lovely home (22309) that backed on Little Hunting Creek, just one and one-half miles from George Washington's Mount Vernon. Now I am residing in a nearby Independent Living Retirement Community called The Fairfax (22060). When my husband and I needed to make the residential change, we wanted to continue to reside in the Mount Vernon magisterial district, this amazing place of history, geography, cordiality, and caring.

Everyone knows everyone. Everyone looks out for everyone, and cares about the welfare of our neighbors, our special history, the beautiful environment with the Potomac River as our forever view.

There is a cohesiveness, a sense of belonging, like no other place.

Please do not destroy this unique blessing. Please save Mount Vernon Magisterial District.

Sincerely,

Lois M. Passman
9100 Belvoir Woods Parkway
Apartment 314
Fort Belvoir VA 22060
703-781-7626
LMPassman@hotmail.com

Introduction

One of the criteria to be used in Virginia’s redistricting initiative is to Incorporate the concept of communities of interest/communities of place when designing any new state election map. The *National Conference of State Legislatures* (NCSL) has also established this criterion for every state in the United States.

Time and again in yesterday’s (12/15/2021) public hearing conducted by the Supreme Court of Virginia concerning the proposed election maps created by the Special Map Masters was the complaint that the Special Map Masters hadn’t taken into consideration communities of interest. I believe this deficiency is due to the lack of a robust definition of communities of interest/communities of place.

Current Definition of Communities of Interest

A **community of place** or **place-based community** is a community of people who are bound together because of *where* they reside, work, visit or otherwise spend a continuous portion of their time. Such a community can be a [neighborhood](#), [town](#), [coffeehouse](#), [workplace](#), [gathering place](#), [public space](#) or any other geographically specific place that a number of people share, have in common or visit frequently.

Furthermore, Communities of interest share similar historical, cultural, or economic interests. **However, they should not be defined by political affiliation.**

Assessment of Current Definition of Communities of Interest/Place

Among the deficiencies of the current definition are the following points:

1. Does not address preserving existing geographic boundaries of cities/towns and counties wherever possible.
2. Does not take into account religious affiliations and where people worship.
3. Does not address the concept of “socio-economic classes”; i.e. – people having the same social, economic, or educational status. For example, people engaged in the same profession.
4. Doesn’t establish upper and lower boundaries in terms of size as regards a community of interest/place. Given the current definition the same deference or importance would be given to a HOA community with several hundred residents as opposed to a community of people working in a large factory employing thousands of people. Hence, an argument could be made that the current definition could potentially contribute to not having a state congressional district’s population be within a 5% +/- range of one-eleventh of Virginia’s current population.
5. Doesn’t address commuting patterns as regards to where people shop and are employed.
6. Does not address communities of race/ethnicity and/or minority voters as a community of interest.
7. Doesn’t directly address the reality of state-defined school districts.

Proposed Expanded Definition of Community of Interest

To help address the deficiencies of the current definition of communities of interest/place and to ensure well thought out and justifiable new state election maps the map drawers should incorporate the following concepts into the expanded definition:

1. Any existing Virginia city and county shall be considered a community of interest/place and a high priority should be given to not split these political entities among newly formed state election districts.
2. Places of worship in the aggregate can considered as candidates for communities of interest.
3. School districts should not be geographically divided among different state election districts.
4. Locales where a high large portion of residents work in the same industry or profession shall be considered a community of interest/place such a manufacturing factory employing thousands of people or a university/college town.
5. Distinctions should be made between urban population centers versus rural communities as to their placement in newly formed state election maps. It would seem that rural communities directly adjacent to an urban center or with-in a radius of 25 miles or less might be considered as candidates to link up as the same community of interest or place.
6. People of the same race or ethnicity living in the same geographic area should not be distributed geo-politically across multiple newly formed state election districts that significantly dilute their voting power as a bloc.
7. Commuting patterns as concerns driving to a place of employment or to major shopping centers should be taken into as a possible collection of residents comprising a community of interest.

From: [Manjula Ambur](#)
To: [Redistricting](#)
Subject: Concerns about Redistricting Map of Congressional District 2
Date: Friday, December 17, 2021 9:26:13 AM

EXTERNAL EMAIL

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Concerns about Redistricting Map of CD 2

I am Mrs. Manjula Ambur, resident of Hampton Roads over the past 32 years. I am writing this email to express my serious concerns about the newly drawn Virginia maps for Congressional District 2. My main concerns are regarding Norfolk and Yorktown not being part of CD 2 and the details are given below. I very much appreciate your consideration of these issues and consider including Norfolk and Yorktown in CD2.

Norfolk and Virginia Beach have many things in common and they being in the same District 2 is critical to Hampton Roads socio economic success.

- Naval station and Fleet Forces in Norfolk and Air station in Oceana in Virginia Beach work closely together and have service members that live in both localities. Them having the same federal representative is important to better advocate their interests.
- In addition, the ocean view and waterfront parts of Norfolk and Virginia Beach would benefit environmentally being together having same federal representation to address the impacts from the impending sea level rise.
- Also Isle of Wight and Suffolk share more economically and culturally with Portsmouth in the 3rd District than with Virginia Beach which is in the 2nd District.

York County and Williamsburg are key communities in the Hampton

Roads area and all communities being together as part of CD 2 is critical to this area's socio economic success.

- York County is home to Naval Weapons Station and Fort Eustis, significant military facilities. Having Yorktown in the same district as Virginia Beach and having common Federal representation is very beneficial to both cities' constituents
- Being together with Virginia Beach and Chesapeake is beneficial for York County and Williamsburg residents since all have similar socio-economic interests.

Thank you for your consideration.

Mrs. Manjula Ambur

myambur@gmail.com

756-869-0251

--

Manjula Ambur, M.S

Associate CIO for AI and Data Science (Retired)

NASA Langley Research Center

Hampton, VA

CURRENT INTERESTS: Democracy, Climate, Education, and Food Bank

From: [Sylvia Rogers](#)
To: [Redistricting](#)
Subject: Farkas Map
Date: Friday, December 17, 2021 9:28:40 AM

EXTERNAL EMAIL

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As a resident of Rockingham County, VA, I am writing to you to state my opposition to the map proposed by the map masters. Please instate the Farkas map. It is a more equitable plan for all voters.

Thank you,

Sylvia Rogers

From: [Barbara](#)
To: [Redistricting](#)
Subject: Congressional maps for Virginia
Date: Friday, December 17, 2021 9:40:08 AM

EXTERNAL EMAIL

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Hello

Please consider the [Farkas Map](#). It vastly improves these maps - it does not cut Albemarle/Charlottesville area in half.

We in Charlottesville have been gerrymandered out of relevance for a decade. It's undemocratic and unconstitutional. We will not accept the current proposed maps, much of an improvement as they are. Charlottesville/Albemarle has precious little in common with Southside.

Thank you for all the work you do on this crucial issue.

Barbara Shenefield

www.shenefielddesign.com

Follow my blog on the website to see latest work.

**IN THE
SUPREME COURT OF VIRGINIA**

**In Re: Decennial Redistricting Pursuant to The Constitution of Virginia,
art. II, §§ 6 to 6-A, and Virginia Code § 30-399**

**WRITTEN COMMENT ON BEHALF OF
THE VIRGINIA STATE CONFERENCE OF THE NAACP**

December 17, 2021

Respectfully submitted,

Robert N. Barnette Jr.
President
Virginia State Conference of the NAACP
PO Box 27212
Richmond, Virginia 23261

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INTRODUCTION

The Virginia State Conference of the NAACP (“Virginia NAACP”) submits this written comment and accompanying proposed maps to help inform the work of Sean P. Trende and Bernard N. Grofman, Special Masters appointed by the Supreme Court of Virginia under Article II, Sections 6 and 6-A of the Constitution of Virginia and Code § 30-399(F), for the development of proposed redistricting maps for the Virginia House of Delegates, the Senate of Virginia, and Virginia’s representatives to the United States House of Representatives.

Virginia NAACP, founded in 1935, is the oldest and largest civil rights organization in the Commonwealth. It oversees more than one hundred NAACP local branches, youth councils, and college chapters. Virginia NAACP’s core mission is to secure the political, educational, social, and economic equality of all persons, without discrimination based on race. To further this mission, Virginia NAACP has been actively involved in the 2021 redistricting cycle by educating the public, organizing its members, and vigorously participating in the Virginia Redistricting Commission’s public processes. Virginia NAACP now submits this written comment prepared in consultation with its members, local branch leaders, and legal counsel.

As described herein, to create an equitable and constitutional redistricting plan, the mapmakers must consider the lingering legacy of slavery and continued

racial discrimination against Virginians of color and Black Virginians in particular. Simply put, Virginia has a long and reprehensible history of racism and racial discrimination, the effects of which persist to this day. Multiple federal courts have recognized and relied upon this history in invalidating past redistricting plans.

Virginia NAACP thus respectfully requests that the Court and Special Masters consider this written comment and recommendations when evaluating and making revisions to the initial maps presented on December 7, 2021, including and especially our statistical analysis of the Special Masters' initial maps and the contours of the Virginia NAACP-proposed district maps, discussed below and attached as appendices.¹ Our proposed maps were generated in close collaboration and consultation with Virginia NAACP local branch leaders and members, and are designed to best represent the Black communities of interest located in these districts, while satisfying all other legal criteria.

Virginia NAACP further requests that the Court and Special Masters hold additional public hearings after presenting the next, revised versions of the December 7, 2021 maps, before voting on any map's adoption. It is crucial that the communities where opportunities hinge on the contours of these maps are able to provide feedback on the final versions of any maps before their adoption. And it is

¹ Virginia NAACP has also provided shapefiles for its proposed districts to the Clerk of the Supreme Court of Virginia in order to enable the Special Masters to fully take these into consideration, and request that the Special Masters obtain these shapefiles from the Clerk if they have not already been transmitted.

particularly important that the Court hear and consider the views of Black communities and other communities of color who have long been disenfranchised, discriminated against, and excluded from meaningful participation in Virginia’s redistricting process.

SUMMARY OF CONCLUSIONS AND RECOMMENDATIONS

1. Virginia has a long history of racial discrimination in redistricting, voting, and in all aspects of its laws and society. The ongoing effects of this history must be considered in drawing redistricting plans to ensure that Black Virginians and other communities of color have an equal opportunity to participate fully in the political process.
2. The federal Voting Rights Act requires that districts be drawn in a way that does not dilute the voting power of Black Virginians and other communities of color, including by considering the extent of racially polarized voting in specific regions throughout the Commonwealth, which in turn requires an exacting and district-specific analysis.
3. Virginia law further requires that districts be drawn to preserve communities of interest, which includes Black communities of interest and other communities of color, and to create crossover coalition districts—districts that enable Black and other voters of color to vote

cohesively together and with white voters to elect their candidates of choice—wherever possible.

4. The Special Masters’ use of American Community Survey (“ACS”) data in conducting their analysis of whether Black voters would have the ability to elect candidates of choice in specific districts is flawed, because **ACS data routinely and often significantly undercounts Black voting age population (“BVAP”)**, as reflected in the full 2020 Census count. *See infra* Section III. It is also unnecessary to use ACS data to determine Black citizen voting age population (“BCVAP”) because the percentage of non-citizen BVAP is relatively low throughout the Commonwealth. This flaw has led the Special Masters to, in some cases, overestimate Black voting strength in specific districts, rendering these districts less effective in electing candidates of choice than asserted. *See infra* Section III. **Recommendation: The Special Masters and the Supreme Court of Virginia must use 2020 Census data when determining Black voters’ ability to elect candidates of choice under their proposed redistricting plans.**
5. In order to fully analyze and accurately predict whether Black voters in a specific proposed district would have the ability to elect candidates of choice, it is necessary to conduct a precinct reconstruction analysis to

determine how the new district would have performed in past reference elections. However, it is unclear from the Special Masters' memorandum whether they have done this analysis, and, if so, which elections were used as a reference. **Recommendation: The Special Masters must conduct a precinct reconstruction analysis when determining the ability of Black voters and other voters of color to elect candidates of choice in their proposed districts, and publicize this analysis, including which elections were used in conducting this analysis.**

6. Virginia NAACP's proposed district maps, discussed below and attached as appendices, better represent the Black communities of interest in each region, can more consistently be relied on to elect Black voters' candidates of choice as required by the federal Voting Rights Act and Virginia law, and are generally more compact and with a lower population deviation than the corresponding Special Masters' maps. *See infra* Section III; Appendix D. **Recommendation: The Special Masters should adjust their initial district lines to more closely represent the Black communities of interest in each region as reflected in the Virginia NAACP-proposed maps.**

7. All Virginians, and in particular Black Virginians and other communities of color, must be given the opportunity to provide feedback on the final versions of any maps before their adoption.

Recommendation: The Special Masters and the Supreme Court of Virginia should hold additional public hearings on the revised versions of the initial Special Masters maps, and any future revised versions, before their adoption by the Court.

I. HISTORY OF RACIAL DISCRIMINATION

Virginia has a long history of racial oppression, including direct and indirect efforts to disenfranchise Black Virginians and other communities of color and to prevent them from building and exercising political power. Virginia's infamous history of targeting Black voters for mass disenfranchisement² continued even after the Jim Crow era, with discriminatory voting practices and policies extending into recent decades. Black Virginians and other communities of color continue to face racial discrimination that prevents them from participating fully and equally in the political process. Racial gerrymandering and vote dilution in redistricting plans have

² See, e.g., J. Douglas Smith, *Managing White Supremacy: Race, Politics, and Citizenship in Jim Crow Virginia*, 24-28 (2002) (describing the 1901 Virginia Constitutional Convention and legal efforts to disenfranchise Black voters at the turn of the 20th century); Matt Ford, *The Racist Roots of Virginia's Felon Disenfranchisement*, THE ATLANTIC (Apr. 27, 2016), <https://www.theatlantic.com/politics/archive/2016/04/virginia-felon-disenfranchisement/480072/> (last visited Dec. 8, 2021); Daniel S. Goldman, *The Modern-Day Literacy Test: Felon Disenfranchisement and Race Discrimination*, 57 STAN. L. REV. 611, 616 (2004) ("Starting with Mississippi in 1890, every state in the Deep South either adopted a new constitution or rewrote an existing constitution through 'disenfranchising conventions.' The purpose of these conventions was clear: 'Discrimination!' exclaimed Carter Glass, a delegate to the Virginia Convention of 1906. 'Why that is precisely what we propose; that exactly is what this convention was elected for.'").

extended this legacy and exacerbated racial disparities in Virginia’s democratic process. *See infra* Subsection B. The U.S. Supreme Court’s decision in *Shelby County v. Holder*, 570 U.S. 529 (2013), invalidated Section 4(b) of the Voting Rights Act of 1965 (“Voting Rights Act”), which had required Virginia to obtain preclearance for changes to its voting laws, enabling discriminatory voting changes to be implemented.

A. Virginia Has Long Used Discriminatory Voting Laws to Disenfranchise Black Voters.

Both before and after passage of the Voting Rights Act, Black communities and other communities of color have faced legal obstacles and outright hostility when attempting to participate in Virginia’s electoral process, as evidenced by a range of discriminatory voting measures enacted in a sustained effort to disenfranchise Black voters.

During Reconstruction, Black Virginians accessed the polls in large numbers.³ In 1867, 105,832 Black voters were registered to vote in Virginia and, of those registered, 93,145 (88%) voted on October 22, 1867.⁴ Between 1869 and 1890, about 100 Black men served in the Virginia General Assembly.⁵ Hundreds more Black men were elected to office in city and county governments, as well as

³ Recognizing the African American members elected to the Virginia General Assembly during Reconstruction, S.J. Res. 89, Va. 2012 Regular Sess. (Va. 2012).

⁴ *Id.*

⁵ *Id.*

other federal governmental offices.⁶ At the end of Reconstruction, Virginia responded to this largely successful Black voter turnout by enacting discriminatory voting laws to disenfranchise Black voters.

After the 1901 Constitutional Convention, Virginia passed numerous measures designed explicitly to reserve the franchise for white voters and to ensure exclusive political power for white communities.⁷ For example, in reliance on a racially biased criminal justice system, the Commonwealth disenfranchised voters with felony convictions⁸; until the 1970s, Virginia imposed literacy tests demanding extensive memorization of the Constitution⁹; and the Commonwealth enacted a poll tax, requiring yearly payments and three years' payment up front for first-time voters.¹⁰ Virginia's multiple, deliberate efforts to disenfranchise Black voters worked: the literacy tests alone ensured that, of the roughly 147,000 Black Virginians of voting age in 1901, only 21,000 (14%) were able to remain on the

⁶ *Id.*

⁷ Many delegates to the 1901 Virginia Constitutional Convention openly discussed adopting suffrage restrictions, such as literacy tests and grandfather clauses, to eliminate the Black electorate. *See* Smith, *supra* note 2, at 25-26. State senator Carter Glass, whose leadership at the convention launched his very successful Virginia political career, proclaimed that "there stands out the uncontroverted fact that the article of suffrage which the Convention will to-day adopt does not necessarily deprive a single white man of the ballot, but will inevitably cut from the existing electorate four-fifths of the negro voters... This was the purpose of this Convention; that will be the achievement." *Id.* at 26.

⁸ Ford, *supra* note 2.

⁹ *See Smith v. Bd. of Supervisors of Brunswick Cnty.*, 801 F.Supp. 1513, 1517 (E.D.N.Y. 1992) ("Until 1974, Virginia required proof of literacy in order to vote." (citing *Virginia v. United States*, 386 F.Supp. 1319 (D.D.C.1974)); Smith, *supra* note 2, at 25 (describing how the constitutional convention "adopted a number of literacy, understanding, and grandfather clauses that left open the possibility that generous registrars might allow illiterate whites to register while denying the privilege to black aspirants").

¹⁰ Marie Albiges, *The poll tax kept black Virginians from voting. Half a century later, its finally being stripped from the books*, THE VIRGINIAN-PILOT (Feb. 2020) <https://www.pilotonline.com/government/virginia/vp-nw-poll-tax-20200221-dclwpj7hkrefgwgqzyvj3xibvq-story.html>.

voter rolls in 1902.¹¹ By 1905, the poll tax halved that number.¹² In part because of these racist voting restrictions, Virginia did not elect another Black representative at either the state or federal level until 1967.¹³

While literacy tests became unlawful with the Voting Rights Act and poll taxes were ruled unconstitutional,¹⁴ Virginia continues to disenfranchise voters with felony convictions.¹⁵ Because of the over-policing of Black communities¹⁶ and the racially discriminatory nature of the criminal justice system,¹⁷ as expected, this practice disproportionately disenfranchises Black Virginians. Despite the restoration of voting rights of almost 200,000 Virginians since 2016,¹⁸ as of 2020, more than one in seven—over 14%—of Black Virginians remain disenfranchised due to a felony conviction.¹⁹

¹¹ Smith, *supra* note 2, at 26.

¹² See Ford, *supra* note 2, at 14.

¹³ *African American Legislators in Virginia*, VIRGINIA GENERAL ASSEMBLY DR. MARTIN LUTHER KING JR. MEMORIAL COMMISSION, http://mlkcommission.dls.virginia.gov/lincoln/african_americans.html.

¹⁴ See Albiges, *supra* note 10.

¹⁵ Va. Const. art. II, § 1.

¹⁶ See e.g., Ned Oliver, *New Data Shows Virginia Police Are More Likely To Stop and Search Black Drivers*, VIRGINIA MERCURY (May 19, 2021), <https://www.virginiamercury.com/2021/05/19/new-data-shows-virginia-police-are-more-likely-to-stop-and-search-black-drivers/> (last visited Dec. 8, 2021) (“Black drivers in Virginia are almost two times more likely than white drivers to be pulled over by police and three times more likely to have their vehicles searched, according to data collected under the state’s new Community Policing Act.”).

¹⁷ The Sentencing Project, *Report to the United Nations on Racial Disparities in the U.S. Criminal Justice System* (Apr. 19 2018), <https://www.sentencingproject.org/publications/un-report-on-racial-disparities>.

¹⁸ Chris Uggen, Ryan Larson, Sarah Shannon, and Arleth Pulido-Nava, *Locked Out 2020: Estimates of People Denied Voting Rights Due to a Felony Conviction*, The Sentencing Project (Oct. 30, 2020), <https://www.sentencingproject.org/publications/locked-out-2020-estimates-of-people-denied-voting-rights-due-to-a-felony-conviction/>.

¹⁹ *Id.*

Until 2020,²⁰ the Commonwealth further diluted the effect of votes by voters of Black and Brown communities through “prison gerrymandering,” a redistricting practice in which the state counts incarcerated individuals at the location of their correctional facility instead of their home address. As of 2017, 53% of incarcerated Virginians were Black, a rate almost three times the state’s 20% Black population.²¹ This practice artificially inflated the total population numbers in the overwhelmingly white, rural communities where Virginia’s correctional facilities are predominantly located, while simultaneously deflating the population of the communities from which these incarcerated individuals came and are likely to return, reducing the number of representatives in all levels of government from Black and Brown communities.²²

Until 2013, the Voting Rights Act’s preclearance requirement provided some protection for Black Virginians and other voters of color from discriminatory voting laws. Between 1982 and 2006, the U.S. Department of Justice (“DOJ”) blocked 15 voting changes Virginia submitted for preclearance on the basis that they would have had a discriminatory impact on voters of color.²³ But in 2013, soon after the

²⁰ The Virginia General Assembly passed a law in 2020 mandating that incarcerated Virginians be counted at their home addresses for purposes of redistricting. See Va. Code § 24.2-304.04(9).

²¹ *Incarceration Trends in Virginia*, VERA INSTITUTE FOR JUSTICE (2019), .

²² Virginia Public Access Project, *End of “Prison Gerrymandering” Saps Rural Virginia*, (April 14, 2021) <https://www.vpap.org/visuals/visual/transfer-clout-rural-to-urban/>; Virginia Public Access Project, *Prison Policy Shifts Population from Rural to Urban*, https://www.vpap.org/visuals/visual/prisons_population_losers/ (Aug. 28, 2021).

²³ Jeremy Duda, *Supreme Court ruling on Voting Rights Act opened floodgates for new restrictions*, VIRGINIA MERCURY (Oct. 7, 2020) <https://www.virginiamercury.com/2020/10/07/supreme-court-ruling-on-voting-rights-act-opened-floodgates-for-new-restrictions/>.

Supreme Court struck down the preclearance coverage formula in *Shelby County v. Holder*, Virginia purged almost 40,000 voters from its voter rolls, many of whom were later revealed to have been eligible voters removed in error.²⁴ Because Black Americans are statistically more likely to share a name with another person than white Americans,²⁵ eligible Black voters are more likely to be incorrectly purged from voter rolls than their white counterparts.²⁶ Additionally, in 2013, Virginia enacted an unduly restrictive voter identification (“ID”) law, eliminating the use of utility bills, pay stubs, bank statements, government checks, and Social Security cards as acceptable identification, and allowing only drivers licenses, voter ID cards, student IDs, or concealed handgun permits.²⁷ It has been widely shown that restrictive voter ID laws cause disproportionate burdens on voters of color, who are less likely than white voters to possess the required forms of ID and less likely to be

²⁴ Tomas Lopez, ‘*Shelby County*’: *One Year Later*, THE BRENNAN CENTER FOR JUSTICE (June 24, 2014) <https://www.brennancenter.org/our-work/research-reports/shelby-county-one-year-later>; Jim Nolan, *Chesterfield registrar delays purge of voter rolls*, Richmond Times-Dispatch (Oct. 9, 2013), http://www.timesdispatch.com/news/local/chesterfield/chesterfield-registrar-delays-purge-of-voter-rolls/article_162e36b5-0be7-5dc8-af9f-48876a167b43.html.

²⁵ Many Black Americans share a common last name not because of a shared bloodline, but because of the continuing legacy of American slavery. Enslaved Black Americans were stripped of their own names and forced to take on those of their enslavers, which often persist today. See Lolly Bowean, *The unspoken history hidden behind a surname*, CHICAGO TRIBUNE (Dec. 26, 2017) <https://www.chicagotribune.com/opinion/commentary/ct-perspec-surname-names-history-heritage-1227-20171221-story.html> (“[D]uring slavery, African-Americans were assigned names by their owners...so that they could be identified as that white family’s property.”). See also, Jonathan Brater et. al., *Purges: A Growing Threat to the Right to Vote*, THE BRENNAN CENTER FOR JUSTICE, 7 n. 1 (2018) https://www.brennancenter.org/sites/default/files/2019-08/Report_Purges_Growing_Threat.pdf (indicating that Black Americans are more likely to have a common last name with another registered voter than whites and so more likely to be mistakenly purged from the voter rolls).

²⁶ See Brater, *supra* note 25.

²⁷ Morgan Whitaker, *Virginia Governor signs strict voter ID law*, MSNBC (March 26, 2013) <https://www.msnbc.com/politics/nation/virginia-governor-signs-strict-voter-id-law-msna20231>. Note: This law is no longer in effect.

able to afford to obtain them.²⁸ Together with new restrictions on third-party voter registration,²⁹ these changes contributed to Virginia being ranked as one of the most difficult and costly states to vote in as recently as 2018.³⁰

B. Virginia Continues to Disenfranchise Black Voters Using District Maps that Dilute the Black Vote.

After the 2010 Census, Black Virginians saw the concerns of their communities largely ignored by mapmakers who sought to dilute Black voting strength across the Commonwealth. These mapmakers did so both by “packing” Black voters into a smaller number of districts and by “cracking” Black voters across multiple districts. “Packing” dilutes the Black vote by districting the majority of Black voters into a single district or a small number of districts, thus decreasing the number of representatives preferred by Black voters that could be elected. “Cracking” dilutes the Black vote by doing just the opposite: splitting Black voters into many districts, resulting in a Black voting age population in each of those districts that is too small for Black voters to elect a candidate of their choice. Indeed, courts have relied on evidence of these discriminatory practices in invalidating Virginia’s redistricting plans *three times* since the last census.

²⁸ See generally, Vann R. Newkirk II, *Voter Suppression is Warping Democracy*, THE ATLANTIC (July 17, 2018) <https://www.theatlantic.com/politics/archive/2018/07/poll-prri-voter-suppression/565355/>.

²⁹ See Lopez, *supra* note 24.

³⁰ See Quan Li, Michael J. PomanteII, and Scot Schraufnagel, *Cost of Voting in the American States*, 17 ELECTION LAW JOURNAL: RULES, POLITICS, AND POLICY 234 (2018).

1. *A Federal Court Held that Virginia's 2011 Congressional Maps Violated the United States Constitution by Packing Black Voters to Dilute Their Electoral Power.*

In 2011, the divided state legislature deadlocked on a congressional plan—disagreeing mainly on the creation of majority-minority districts—with the Virginia State Senate and Virginia House of Delegates approving competing redistricting plans.³¹ These plans were ultimately passed under a unified legislature in 2012.³²

However, the enacted plan, despite being precleared by the DOJ,³³ packed Black voters unconstitutionally into the Third Congressional District, a district originally created in 1992 after the DOJ directed the Virginia legislature to draw a Black-majority district, following the 1990 census, in order to ensure fair representation for Black voters in Virginia.³⁴ Since its creation, the Third District had been represented by Representative Bobby Scott, who was, at the time, the only Black member of Virginia's U.S. congressional delegation.³⁵ Despite the consistent

³¹ Page Winfield Cunningham, *State House, Senate OK rival maps on redistricting*, WASHINGTON TIMES (June 9, 2011) <https://www.washingtontimes.com/news/2011/jun/9/state-house-senate-ok-rival-maps-on-redistricting/>.

³² Anita Kumar, *Bob McDonnell signs Va. Congressional redistrict bill into law*, THE WASHINGTON POST (January 25, 2012) https://www.washingtonpost.com/blogs/virginia-politics/post/bob-mcdonnell-signs-va-congressional-redistricting-bill-into-law/2012/01/25/gIQADxR0QQ_blog.html.

³³ Letter from Thomas E. Perez to The Honorable E. Duncan Getchell, Jr. (Mar. 14, 2012), <https://redistricting.ils.edu/wp-content/uploads/VA-preclean-20120314-congress.pdf>

³⁴ *3rd District, A Brief History*, Virginia Public Access Project (Sep. 1, 2015), <https://www.vpap.org/updates/1996-3rd-district-brief-history/>. The original version of this district had already been found to unconstitutionally pack Black voters in 1997, with the court ordering the legislature to redraw the district from 61.6% to 50.5% BVAP. *See Moon v. Meadows*, 952 F.Supp. 1141 (E.D. Va. 1997); Geoffrey Skelley, *Virginia's Redistricting History: What's Past Is Prologue*, SABATO'S CRYSTAL BALL, UVA CENTER FOR POLITICS, (June 18, 2015), <https://centerforpolitics.org/crystalball/articles/virginias-redistricting-history-whats-past-is-prologue/>

³⁵ Lyle Denniston, *No Delay of a New Virginia Federal Districting Map*, SCOTUSBLOG (Feb. 2, 2016), <https://www.scotusblog.com/2016/02/no-delay-of-new-virginia-federal-districting-map/>.

reelection of Rep. Scott, the 2012 plan increased the BVAP from 53.1% to over 56.3%.³⁶

In *Page v. Virginia State Bd. Of Elections*, 58 F. Supp. 3d 533 (E.D. Va. 2014), Black voters filed suit in 2013 challenging the 2012 plan, alleging that they had been packed into the Third District diluting their vote and constituting an unconstitutional racial gerrymander in violation of the Equal Protection Clause of the Fourteenth Amendment. The U.S. District Court for the Eastern District of Virginia agreed, striking down Virginia’s 2012 congressional map, finding that (1) the plan unconstitutionally packed Black voters in a single district; (2) race predominated the legislature’s drawing of the Third District; and (3) the redistricting plan’s 55% BVAP “floor” as applied to the Third District was not narrowly tailored to achieve non-retrogression in compliance with the Voting Rights Act. *Id.* at 545-53.³⁷ The court considered direct evidence of legislative intent, including statements made by the author of the 2012 map, as well as circumstantial evidence, including the Third

³⁶ *Page v. Virginia State Bd. Of Elections*, 58 F. Supp. 3d 533, 537 (E.D. Va. 2014).

³⁷ Defendants appealed to the Supreme Court of the United States, which, on March 30, 2015, remanded the case back to the trial court for reconsideration in light of its March 25, 2015 decision in *Alabama Legislative Black Caucus v. Alabama*, 575 U.S. 254 (2015). *Cantor v. Personhuballah*, 575 U.S. 931 (2015). In the *Alabama* case, the Court ruled 5 to 4 on a number of legal standards for determining whether race predominated in a redistricting plan, including that racial gerrymandering must be considered on a district-by-district basis, not statewide. *See generally Alabama Legislative Black Caucus*, 575 U.S. 254. On remand, the Eastern District of Virginia again ruled that an unconstitutional racial gerrymander had occurred in the drawing of Virginia’s Third Congressional District, holding that race predominated in the creation of its boundary lines and that the legislature had no justification that satisfied strict scrutiny. *Page v. Virginia State Bd. Of Elections*, No. 3:13cv678, 2015 WL 3604029, *19 (E.D. Va. Jun. 5, 2015). The court ordered that the Third District be redrawn in light of this ruling. *Id.* at *18.

District's shape, non-contiguousness, and splits in political subdivisions. *Id.* at 541-47.

Although the challenged map remained in effect for the 2014 election, the court ordered the legislature to draw new districts for later elections in order to ensure fair representation for Black Virginians.³⁸ When the legislature then failed to do so, a panel of federal judges was assigned to redraw the map.³⁹ The new map centered the Third District in Hampton Roads and added Richmond and Petersburg to the Fourth District.⁴⁰ This redrawing dispersed the concentration of Black voters more fairly across the Third and Fourth Districts, increasing the overall influence of Black voters and enabling Black voters to elect a candidate of their choice in the Fourth District in 2016.⁴¹ These remedial maps were later upheld in *Personhuballah v. Alcorn*, 155 F. Supp. 3d 552 (E.D. Va. 2016), where the court held that the “unpacking” of the Third District from 56.3% to 45.3% BVAP did not lead to Black voters losing their ability to elect candidates of their choice.⁴²

³⁸ *Id.* at 554-55. See also Rachel Weiner, Matt Zapotosky, and Laura Vozzella, *Court declares Virginia's congressional map unconstitutional*, THE WASHINGTON POST (Oct. 7, 2014), https://www.washingtonpost.com/local/virginia-politics/court-throws-out-virginia-congressional-map/2014/10/07/97fb866a-4e56-11e4-8c24-487e92bc997b_story.html.

³⁹ Simon Pathé, *Judges Select New Virginia Congressional Map*, Roll Call (Jan. 7, 2016), <https://www.rollcall.com/2016/01/07/judges-select-new-virginia-congressional-map/>

⁴⁰ Andrew Cain, *Judges impose new Va. congressional map, redrawing 3rd, 4th Districts*, RICHMOND TIMES-DISPATCH (Jan. 7, 2016), https://web.archive.org/web/20201118180914/https://richmond.com/news/local/government-politics/judges-impose-new-va-congressional-map-redrawing-3rd-4th-districts/article_0ad5053b-6818-5d7e-b96e-c9ce02ad45cb.html (last visited Dec. 7, 2021).

⁴¹ Virginia Results, NEW YORK TIMES (Nov. 11, 2016), <https://www.nytimes.com/elections/2016/results/virginia> (last visited Nov. 17, 2011).

⁴² *Personhuballah v. Alcorn*, 155 F. Supp. 3d 552, 565 (E.D. Va. 2016), *stay denied Wittman v. Personhuballah*, 577 U.S. 1125 (2016), *appeal dismissed*, 578 U.S. 539 (2016).

2. *A Federal Court Held that Virginia's 2011 General Assembly Maps Violated the United States Constitution by Packing Black Voters to Dilute Their Electoral Power.*

During the same cycle, the 2011 General Assembly redistricting plan redrew the boundaries for twelve House of Delegates districts, packing Black voters into these districts such that each district had a BVAP of at least 55%.⁴³ In *Bethune-Hill v. Virginia State Board of Elections*, 141 F.Supp. 3d 505, 523-24 (E.D. Va. 2015), Black voters from each district sued the Board of Elections in 2014, alleging that the new maps diluted their voting power and were racially gerrymandered in violation of the Equal Protection Clause of the Fourteenth Amendment.⁴⁴

The U.S. District Court for the Eastern District of Virginia once again struck down Virginia's maps as racially discriminatory.⁴⁵ The Court held that the Commonwealth used an "arbitrarily applied . . . mechanical 55% racial threshold" to compress Black voters into only a few districts and thus limited Black Virginians' electoral power.⁴⁶ An expert report submitted on behalf of plaintiffs conducted an analysis of the racial composition and voting patterns of the challenged districts and found that the districts did not require a BVAP of 55% or higher in order to elect

⁴³ *Bethune-Hill v. Virginia State Bd. Of Elections*, 141 F.Supp.3d 505, 523-24 (E.D. Va. 2015). The plan was subsequently precleared by the DOJ, <https://redistricting.lls.edu/wp-content/uploads/VA-preclean-20110617-state-leg.pdf>, and went into effect.

⁴⁴ *Id.*

⁴⁵ *Bethune-Hill v. Va. State Bd. of Elect.*, 326 F. Supp. 3d 128, 180 (E.D. Va. 2018).

⁴⁶ *Id.*

minority voter-preferred candidates.⁴⁷ The Commonwealth’s plan also “substantially reduce[d] geographic compactness” among the challenged districts and resulted in the split of counties and cities.⁴⁸

The Eastern District decision followed a Supreme Court order to engage in a “holistic analysis” of the use of race in Virginia’s redistricting⁴⁹ rather than simply accept the Commonwealth’s argument that legislators believed that the twelve districts needed to contain a BVAP of at least 55% to remain Black opportunity districts.⁵⁰ The Supreme Court additionally held that Plaintiffs were not required to establish, as a threshold matter, that the challenged districts were inconsistent with traditional redistricting principles.⁵¹ Rather, a variety of direct and circumstantial evidence could sufficiently show race improperly predominated in a redistricting plan, even if a district otherwise complied with traditional redistricting principles.

⁴⁷ *Bethune-Hill v. Va. State Bd. of Elections*, Report of Dr. Stephen Daniel Ansolabehere, No. 113CV00949, 2015 WL 6673859 (Mar. 11, 2015), ¶10.

⁴⁸ *Id.*

⁴⁹ *Bethune-Hill v. Va. State Bd. of Elections*, 137 S. Ct. 788, 800 (2018). The district court had initially held that the plaintiffs did not establish that race was the predominant factor in the creation of eleven of the twelve challenged districts. *Bethune-Hill v. Virginia State Bd. of Elections*, 141 F.Supp.3d 505, 510-11 (E.D. Va. 2015). The court additionally held that, although race was the predominant factor in the creation of one of the districts, House District 75, the use of race was nevertheless constitutional, as the “General Assembly was pursuing a compelling state interest, namely, actual compliance with federal antidiscrimination law, and...used race in a manner narrowly tailored to achieve that interest.” *Id.* at 511. Plaintiffs appealed to the Supreme Court. On March 1, 2017, the Supreme Court issued a ruling, holding that the district court had employed an incorrect legal standard in determining that race did not predominate in eleven of the twelve districts. *Bethune-Hill*, 137 S. Ct. at 796-801 (2017). The Court, however, agreed with the district court that the twelfth district was constitutional, writing that a state need merely show that it had “good reasons to believe it must use race in order to satisfy the Voting Rights Act” to meet strict scrutiny. *Id.* at 801. The Court remanded the case and instructed the district court to re-evaluate the eleven districts under the correct legal standard. In June 2018, a three-judge panel ruled 2-1 that the eleven challenged House districts were unconstitutionally racially gerrymandered and ordered the General Assembly to draw a remedial map by October 30, 2018. The new plan went into effect in time for the 2019 elections.

⁵⁰ *Bethune-Hill*, 141 F.Supp.3d at 519.

⁵¹ *Bethune-Hill*, 137 S. Ct. at 797-800.

“The ultimate object of inquiry is . . . the legislature’s predominant motive for the design of the district as a whole.”⁵²

3. *Federal Courts Have Held that Recent Local Redistricting Plans in Virginia Violated the Voting Rights Act.*

Applying these same principles, courts have likewise struck down Virginia’s local redistricting plans. For example, just this year, the U.S. District Court for the Eastern District of Virginia struck down Virginia Beach’s City Council plan because its discriminatory impact on voters of color combined with other aspects of societal discrimination to “den[y voters of color] equal access to the electoral and political process, in contravention of Section 2 of the Voting Rights Act.”⁵³ The court noted that voters of color struggled to elect their preferred candidates⁵⁴ despite making up a sufficiently large and cohesive community,⁵⁵ in part because white voters consistently voted against Black candidates of choice.⁵⁶

C. Racial Inequality Persists in Virginia, and the Commonwealth’s Politicians Continue to Win Elections Through Appeals to Racial Prejudice.

Beyond discriminatory voting laws and racial gerrymanders, Virginians of color continue to struggle with racial inequality and discrimination in a range of other ways. The Governor’s Commission to Examine Racial Inequity in Virginia

⁵² *Id.* at 800.

⁵³ *Holloway v. Virginia Beach*, 2021 WL 1226554, 59 (E.D. Va. 2021).

⁵⁴ *See id.* at 6.

⁵⁵ *See id.* at 24.

⁵⁶ *See id.* at 39-40.

Law, established by Governor Ralph S. Northam,⁵⁷ issued a 2020 report laying out in great detail the continuing and devastating effects of Virginia’s “history of racial inequities and racially-discriminatory laws” in the areas of housing, education, criminal justice, health, and environmental justice, among other aspects of society.⁵⁸ Courts consider “the extent to which minorities . . . bear the effects of discrimination in education, employment, and health,” as evidence of continued barriers to “the ability to participate effectively in the political process” for voters of color.⁵⁹ Persistent racial disparities throughout nearly all aspects of society combine to weaken Black electoral strength in Virginia.

Nationwide, Black American households, which amount to more than 13% of the country, hold just 4% of the nation’s wealth.⁶⁰ Meanwhile, median white household wealth is almost eight times that of Black households.⁶¹ This persistent inequality of opportunity translates to education as well, where Black students are more likely to attend underfunded schools, have poorer educational opportunities,

⁵⁷ Commonwealth of Virginia Office of the Governor, Executive Order Number Thirty-Two (June 4, 2019), <https://www.governor.virginia.gov/media/governorvirginiagov/executive-actions/EO-32-Establishment-of-the-Commission-to-Examine-Racial-Inequity-in-Virginia-Law.pdf>

⁵⁸ Report from The Commission to Examine Racial Inequity in Virginia Law, *Identifying and addressing the vestiges of inequity and inequality in Virginia’s laws* (Nov. 15, 2020), <https://www.governor.virginia.gov/media/governorvirginiagov/governor-of-virginia/pdf/2020-Commission-Report--Inequity-and-Inequality-in-Virginia-Law.pdf>.

⁵⁹ S. Rep. No. 97-417, at 28-29 (1981); *see also* *Thornburg v. Gingles*, 478 U.S. 30, 44-45 (1986).

⁶⁰ *See id.*

⁶¹ *See* Emily Moss, et.al., *The Black-white wealth gap left Black households more vulnerable*, THE BROOKINGS INSTITUTION (Dec. 8, 2020) <https://www.brookings.edu/blog/up-front/2020/12/08/the-black-white-wealth-gap-left-black-households-more-vulnerable/>.

and face discriminatory disciplinary enforcement while in school.⁶² These trends have only worsened during the pandemic.⁶³ Black Americans are more likely than white Americans to have “poor health” and have the highest cancer mortality rate of any racial or ethnic group.⁶⁴ Compounding this factor, Black Americans are less likely to be insured or have adequate access to insurance coverage.⁶⁵

Unfortunately, the hardships faced by Black Virginians largely parallel these national trends. Since the 1970s, Virginia’s Black communities have trailed the Commonwealth’s median wealth by about 30%.⁶⁶ Virginia’s schools are increasingly segregated,⁶⁷ and continued racial discrimination has caused disproportionately negative health outcomes for Black Virginians.⁶⁸ Ingrained poverty due, in part, to limited educational opportunities and low-wage employment make it difficult to impossible to take time off from work to vote and overcome other

⁶² See Emma Dorn, et. al., COVID-19 and student learning in the United States: The hurt could last a lifetime, MCKINSEY & COMPANY (June 1, 2020), <https://www.mckinsey.com/industries/education/our-insights/covid-19-and-student-learning-in-the-united-states-the-hurt-could-last-a-lifetime>; see also Talk of the Nation, Black Students More Likely to Be Disciplined, NPR (Mar 12, 2012) <https://www.npr.org/2012/03/12/148460543/black-students-more-likely-to-be-disciplined>.

⁶³ See Dorn, *supra* note 62.

⁶⁴ See Sofia Carratala & Connor Maxwell, *Health Disparities by Race and Ethnicity*, CENTER FOR AMERICAN PROGRESS (May 7, 2020) <https://www.americanprogress.org/article/health-disparities-race-ethnicity/>

⁶⁵ See *id.*

⁶⁶ See Katherine Hafner, *Virginia’s racial income gap closed more before the Civil Rights era than it has since*, THE VIRGINIA-PILOT (Sept. 15, 2020) <https://www.pilotonline.com/news/vp-nw-racial-income-gap-virginia-20200915-b5t4cl7p6fa7hkdtufpwrnj34e-story.html>.

⁶⁷ See Brian McNeill, *School segregation by race and poverty is deepening in Virginia, report finds*, VCUNews (Nov. 11, 2020) https://news.vcu.edu/article/School_segregation_by_race_and_poverty_is_deepening_in_Virginia.

⁶⁸ See Virginia Health Equity Report, VIRGINIA DEPT. OF HEALTH, 22 (2012) <https://www.vdh.virginia.gov/content/uploads/sites/76/2016/06/Health-Equity-Report-2012.pdf>.

obstacles to voting. Together, these factors make it far more difficult for Black voters to participate in Virginia's democracy.

Racial animus sadly remains a factor in Virginia's elections. The use of racist imagery and language in Virginia's campaigns over the last few years is well documented,⁶⁹ but the 2021 General Assembly races were notably awash with racist ad campaigns and "dog whistles" meant to rile up white resentment towards people of color.

Specifically, in 2021, several Black members of the General Assembly were targeted with ad campaigns utilizing racist imagery. Mailers evoked the history of Black lynching by depicting each representative as a puppet hung from ropes held by House Speaker Nancy Pelosi, with Congresswoman Alexandria Ocasio-Cortez standing over her shoulder.⁷⁰ One representative, Alex Askew, was even shown with the hue of his face artificially darkened and an image of his face set ablaze.⁷¹ When these mailers were called out for trading in lynching imagery, only one white opponent in these three races even acknowledged the mailers' existence.⁷² These racist tactics continue to affect election results and diminish electoral opportunity

⁶⁹ See generally, *Holloway*, 2021 WL 1226554 at *22-26.

⁷⁰ *Black state lawmakers decry flyers showing them as puppets*, ASSOCIATED PRESS (Oct. 6, 2021) <https://apnews.com/article/virginia-richmond-race-and-ethnicity-racial-injustice-2f1f7529c4757e7f3c2d74a66f6260bf>.

⁷¹ Julie Carey & NBC Washington Staff, *Virginia GOP Campaign Flyers Show Ropes Around Black Male Delegates*, NBC WASHINGTON (Oct. 5, 2021) <https://www.nbcwashington.com/news/local/northern-virginia/virginia-gop-campaign-flyers-show-ropes-around-black-male-delegates/2822167/>.

⁷² See ASSOCIATED PRESS, *supra* note 70.

for Black voters. Each of the candidates in the campaigns that used these racist tactics succeeded. In all three General Assembly races, the white challenger unseated the Black incumbent.

None of these systems operates independently. Rather, they intersect and reinforce each other such that Virginia's democracy continues to be disproportionately inaccessible to Black voters. Whatever recent softening has occurred in Virginia's historically harsh voting landscape, the burdens experienced by voters of color in Virginia persist.

II. LEGAL STANDARDS

Redistricting is fundamentally about ensuring that voters, and their communities, are adequately and fairly represented. The legal structures that guide this process reflect that goal. In its Redistricting Appointment Order, the Court instructed Special Masters Trendle and Grofman to “fully comply with federal and state law” in drawing maps.⁷³ As explained in this Section, these laws impose rigorous redistricting requirements. First, the federal Voting Rights Act serves as a “stern and powerful remedy” against the denial or dilution of the vote of Black and other voters of color. *See Briscoe v. Bell*, 432 U.S. 404, 410 (1977). Second, Virginia's own laws offer even greater protection: in the last year, Virginians

⁷³ Redistricting Appointment Order, In Re: Decennial Redistricting Pursuant to The Constitution of Virginia, art. II, §§ 6 to 6-A, and Virginia Code § 30-399 (Nov. 19, 2021), https://www.vacourts.gov/courts/scv/districting/redistricting_appointment_order_2021_1119.pdf

amended the Constitution and passed two new laws that expand on the federal Voting Rights Act’s already-robust protections. Finally, new legislative maps must not abridge the rights afforded to Virginians by the Constitution of the United States, especially those enshrined in the Equal Protection Clause of the Fourteenth Amendment. To comply with these stringent legal standards, the Commonwealth must adopt maps that preserve, secure, and empower the voting rights of the people it has for so long disenfranchised.

A. Under Section 2 of the Voting Rights Act, Virginia Must Not Dilute the Voting Power of Black Voters in Regions of the State That Exhibit Racially Polarized Voting

Under Section 2 of the Voting Rights Act, a state cannot pass any voting law that causes “a denial or abridgement of the right of any citizen . . . to vote on account of race or color.” 52 U.S.C. § 10301(a). A state violates the Voting Rights Act when it draws maps that cause voters of color to “have less opportunity than other members of the electorate to participate in the political process and to elect representatives of their choice.” *Id.* § 10301(b). In essence, the law aims to proscribe any “electoral law, practice, or structure [that] interacts with social and historical conditions to cause an inequality in the opportunities enjoyed by [minority] and white voters to elect their preferred representatives.” *Thornburg v. Gingles*, 478 U.S. 30, 47 (1986); *Holloway*, 531 F. Supp. 3d at 1044.

Among other things, Section 2 prohibits “vote dilution,” which occurs when an electoral practice—including the lines drawn in redistricting—combines with social and historical conditions to result in a weakening of the voting strength of a racial or language minority group. Any state with a significant racial minority population, such as Virginia, must conduct a vote dilution analysis as part of its redistricting process to ensure compliance with the Voting Rights Act. In short, Virginia must ensure it is neither “packing” Black voters into “excessive majorit[ies]” in too few districts, or “cracking” Black voters into “ineffective minorit[ies]” across many districts. *Gingles*, 478 U.S. at 46 n.11.

In *Gingles*, the Supreme Court instituted a two-step framework to analyze whether a particular redistricting plan would illegally dilute minority voting power. 478 U.S. 30. It first outlined three preconditions that, together, establish both the existence of “racially polarized voting,” the phenomenon at the heart of vote dilution, and the possibility of drawing an effective district (*i.e.*, a “majority-minority” district, a district with fifty-percent-plus-one minority voting age population) that would afford racial minority voters the opportunity to elect candidates of choice despite the presence of extreme or maximum racially polarized voting. *Id.* at 50-51; *see also Collins v. City of Norfolk*, 816 F.2d 932, 936 (4th Cir. 1987). These preconditions are established where a racial minority group is both sufficiently compact that it could constitute a majority in a given district and

politically cohesive enough that this district would elect candidates of their choice, but where the white majority votes sufficiently as a political bloc such that voters of color are usually unable to elect candidates of choice. *Gingles*, 478 U.S. at 50-51. If those conditions are met, one must next determine if, “*based on the totality of circumstances, . . . the political processes leading to . . . election in the State . . . are not equally open to participation*” by the electoral minority (emphasis added). 52 U.S.C. § 10301(b). If established, there exists a Section 2 vote dilution violation.

This framework has significant implications for Virginia’s current redistricting process. The effect of racially polarized voting is particularly dangerous to voters of color because it “deprives . . . [them] of their preferred representative . . . and allows . . . elected [officials] to ignore [their] interests without fear of political consequences.” *Gingles*, 478 U.S. at 48 n. 14 (quotations omitted). To be sure, Virginia exhibits significant racially polarized voting only in certain of its regions.⁷⁴ In some districts, Black voting age population must approach or exceed fifty percent in order for Black voters to have an equal ability to elect candidates of their choice; in other districts, a lower percentage of Black voting age population may be effective in electing candidates of choice. It is therefore imperative that the

⁷⁴ For example, Dr. Stephen Ansolabehere, in his 2015 expert report for *Bethune-Hill v. Virginia State Board of Elections*, found diversity in voting bloc habits even among only twelve challenged Virginia House of Delegates districts. Of the twelve, six exhibited significant racially polarized voting behavior, four lacked significant racially polarized voting, and two exhibited low levels of White cohesion and therefore moderate levels of racially polarized voting. Report of Stephen Ansolabehere, at ¶ 10.

Court and Special Masters consider potential vote dilution under the Section 2 framework on a region-to-region and district-to-district basis, in order to create effective Black opportunity districts without unnecessarily packing Black voters into fewer districts.

Additionally, the “totality of the circumstances” prong of Section 2 requires Virginia to **carefully** consider its own history of racial discrimination, and to draw maps that account for the continuing effects of that history on political participation by racial minority voters. This inquiry may include past legalized discrimination; evidence of racial disparities in education, employment and health; racial appeals in campaigns; the responsiveness of elected officials to the interests of the Black community; and the frequency with which Black and other candidates of color are elected to office, among other factors. *Gingles*, 478 U.S. at 36–37 (quoting S. Rep. No. 97–417, at 28–29).

In *Gingles* itself, for example, North Carolina drew maps that made Black voters the minority in several multimember districts, effectively “submerging [Black Voters] in a white majority.” *Id.* at 46. The Supreme Court held that these maps violated the Voting Rights Act. *Id.* at 80. In reaching this holding, the Court noted several factors which helped perpetuate the state’s unequal and discriminatory political system, including North Carolina’s “legacy of official discrimination” in voting, education, housing, employment, and healthcare. *Id.* at 80. The Court

likewise noted that state politicians continued to appeal to racial prejudice on the campaign trail, and that North Carolinians often voted along racial lines. *Id.* Making matters worse, rather than countering this unequal environment, the state’s voting maps “acted in concert” with these factors, causing a political process “not equally open” to Black North Carolinians. *Id.*

Many of the discriminatory hallmarks identified by the *Gingles* Court persist in Virginia today. Here, as in *Gingles*, the Commonwealth has a legacy of discrimination in voting, education, housing, employment, and healthcare.⁷⁵ Here, as in *Gingles*, modern politicians appeal to racial prejudice to win elections. Virginia must therefore do today what North Carolina failed to do in *Gingles*: it must take these factors into account and draw districts that provide Black voters and other voters of color an equal opportunity to participate in its political process and elect candidates of their choice. This is especially true in the regions of the state in which voting is significantly racially polarized, and thus where the Voting Rights Act mandates such consideration. In sum, Virginia’s final maps must scrupulously avoid packing and cracking Black voters. They must empower—not dilute—the Black vote.

⁷⁵ See *infra* Section I.C. See also Report from The Commission to Examine Racial Inequity in Virginia Law, *Identifying and addressing the vestiges of inequity and inequality in Virginia’s laws* (Nov. 15, 2020), <https://www.governor.virginia.gov/media/governorvirginiagov/governor-of-virginia/pdf/2020-Commission-Report--Inequity-and-Inequality-in-Virginia-Law.pdf>.

B. Virginia State Law Provides Even Greater Protection for Black Voters than the Voting Rights Act.

While federal law requires vigilant protection of the voting rights of people of color, Virginia law requires even more. Indeed, just last year, the people of Virginia amended the Commonwealth's Constitution to require districts that "provide, where practicable, opportunities for racial and ethnic communities to elect candidates of their choice." Va. Const. art. II, § 6. And since passing that amendment, the people have enacted two laws expanding and reaffirming legal protections for voters of color: Va. Code § 24.2-304.04 (the "Statutory Criteria") and Va. Code § 24.2-126 (the "Voting Rights Act of Virginia").

1. The Voting Rights Act of Virginia Reaffirms and Extends the Protections Guaranteed Under Federal Law.

Earlier this year, the Commonwealth passed the Voting Rights Act of Virginia. Va. Code § 24.2-126. This statute reaffirms the protections of the federal Voting Rights Act. It bars any voting law that "that results in a denial or abridgement of the right of any citizen of the United States to vote based on race or color[.]" *Id.* It goes farther with respect to local redistricting, prohibiting any map for a local governing body or elected school board that causes "retrogression in the position of members of a racial or ethnic group with respect to their effective exercise of the electoral franchise." *Id.* Va. Code § 24.2-129(C). This was an essential element of

redistricting in Virginia under the preclearance regime of the Voting Rights Act prior to the 2013 *Shelby County v. Holder* decision.

While not directly applicable to the statewide redistricting plans at issue here, Va. Code § 24.2-129 demonstrates a clear intent under Virginia law to ensure continued, fair, and adequate representation for communities of color by preventing the diminishment of already established electoral gains made by these communities. Any new maps should follow this same principle and ensure continued, adequate representation for communities of color. As evidenced herein, the road to something approaching adequate representation for Black Virginians has been long and hard, and it is essential that any new maps do not erase what gains have been made.

2. *The Statutory Criteria Expand the Federal Voting Rights Act's Already-Robust Protections by Explicitly Barring the Packing and Cracking of Minority Voters, and by Securing Black Voters' Right to Form Coalitional Districts.*

In 2020, Virginia passed the Statutory Criteria, a statute updating its redistricting process. Va. Code § 24.2-304.04. The Statutory Criteria establish nine requirements for voting districts, three of which relate to Virginia NAACP's interests here.

First, mirroring the federal Voting Rights Act, Va. Code § 24.2-304.04(3) states that “no district shall be drawn that results in a denial or abridgement of the right of any citizen to vote on account of race or color[.]” It likewise bars the Commonwealth from drawing districts “in a way that results in a denial or

abridgement of the rights of any racial . . . minority group to participate in the political process and to elect representatives of their choice.” *Id.*

But this part of the Statutory Criteria also goes further than the federal Voting Rights Act—it explicitly prohibits the packing and cracking of communities of color. It bars the Commonwealth from “dispers[ing] [communities of color] into districts in which they constitute an ineffective minority of voters,” and from “concentrate[ing] [people of color] into districts where they constitute an excessive majority.” Va. Code § 24.2-304.04(3). This requirement directly mirrors the Supreme Court’s reasoning in *Gingles*, where the Court used the same language to explain that the Voting Rights Act prohibits the packing and cracking of Black Voters.⁷⁶ In other words, the Statutory Criteria makes explicit and affirmative what the text of the Voting Rights Act left implicit: The Commonwealth cannot dilute the Black vote by packing too many Black voters into one district or by separating them into multiple districts.

Second, Va. Code § 24.2-304.04(4) bars the Commonwealth from “dilut[ing] or diminish[ing] [voters’ of color] ability to elect candidates of choice either alone or in coalition with others.” This provision expands legal protection for “coalitional districts”—districts which enable racial minority voters to vote cohesively together

⁷⁶ See *Thornburg*, 478 U.S.at 46 n. 11 (“Dilution of racial minority group voting strength may be caused by the dispersal of blacks into districts in which they constitute an ineffective minority of voters or from the concentration of blacks into districts where they constitute an excessive majority.”).

with other voters of color in sufficient numbers so as to elect their preferred candidates—to also include districts which enable voters of color to vote cohesively together with white “crossover” voters in sufficient numbers so as to elect their preferred candidates. This means that many more Black and other racial minority opportunity districts can be created in Virginia—and indeed that they must be created where failing to do so would have the effect of diluting or diminishing the ability of voters of color to elect candidates of their choice. *See also* Special Masters Mem. (“SM Mem.”) at 27 (“The Statutory Criteria do require that we draw districts where minority groups are able to elect their candidates of choice, either alone or in coalition with other groups.”).

Thus, in Virginia, Black and other voters of color have a protected right to coalesce not only together with other voters of color, but also with white voters with whom they vote cohesively, in order to form districts in which they can elect their preferred candidates.⁷⁷ In drawing new district lines, the Commonwealth cannot impair Black Virginians’ ability to form and preserve such coalitions.

⁷⁷ The Statutory Criteria, thus, appear to go beyond the plurality opinion in *Bartlett v. Strickland*, which construed the Voting Rights Act as not applying to claims for the creation of “crossover” districts comprised of voters of color and white voters who “cross over” to vote cohesively with those voters of color. 556 U.S. 1, 13 (2009). *See also* Special Masters Mem. at 27 (“The Statutory Criteria do require that we draw districts where minority groups are able to elect their candidates of choice, either alone or in coalition with other groups. This follows the approach of a majority of federal circuits, which require such coalition districts.” (citing *Campos v. City of Baytown*, 840 F.2d 1240 (5th Cir.), *reh’g denied*, 849 F.2d 943 (1988), *cert. denied*, 492 U.S. 905 (1989). *But see* *Nixon v. Kent County*, 76 F.3d 1381 (6th Cir. 1996) (en banc) (concluding that coalition districts are not required by the VRA)).

Third, under Va. Code § 24.2-304.04 (4), “[d]istricts shall be drawn to preserve communities of interest.” A community of interest (“COI”) is “a neighborhood or any geographically defined group of people living in an area who share similar social, cultural, and economic interests.” *Id.*

Here, too, the Statutory Criteria may in certain instances go beyond the federal Voting Rights Act in providing additional protections for the Black and other communities of color that so often comprise local communities of interest. The Supreme Court has interpreted the Voting Rights Act to require that a state “take[s] [COIs] into account[.]” *League of United Latin American Citizens (“LULAC”) v. Perry*, 548 U.S. 399, 434 (2006) (quotation omitted). But under the Statutory Criteria, districts “*shall*” be drawn to preserve COIs. Va. Code § 24.2-304.04 (4) (emphasis added), thus requiring their preservation where possible. Centering COIs in this way supports district cohesion and a sense of shared interests and identity among voters, and reflects a concern for ensuring that Virginians are represented by individuals who actually speak for their community and understand their community’s needs.

Special Masters Trendle and Grofman correctly note in their Memorandum that COIs can be defined by factors such as “media, public trans[it], . . . and

institutions such as schools and churches.”⁷⁸ But under federal and state law, other factors define COIs as well. Indeed, under the Statutory Criteria, a community of interest includes people “who share similar social, cultural, and economic interests.” Va. Code § 24.2-304.04 (4). This language fits federal court precedent defining COIs “by economic, social, cultural, and historical ties.” *Backus v. South Carolina*, 857 F. Supp. 2d 553, 562 (D. S.C. 2012).⁷⁹

Applying these broader factors, federal courts have recognized COIs using more than just geography, topography, media markets, public transit systems, schools, and churches. For example, in *Diaz v. Silver*, a federal court recognized an Asian-American COI in two separate New York neighborhoods, Sunset Park and Chinatown. 978 F. Supp. 96, 123-24 (E.D. N.Y. 1997). The court noted that these neighborhoods’ voters “work together, attend the same health clinics, . . . shop in the same stores[,] . . . and speak the same dialect.” *Id.* at 124. The same community organizations likewise serve both neighborhoods. *Id.* at 102. While the court struck down the district containing this COI on other grounds, the state redrew maps that

⁷⁸ Special Masters’ Memorandum to the Chief Justice and Justices of the Supreme Court of Virginia (Dec. 7, 2021) , https://www.vacourts.gov/courts/scv/districting/memorandum_re_va_redistricting_2021.pdf.

⁷⁹ See also *Bethune-Hill v. Virginia State Bd. of Elections*, 326 F. Supp. 3d 128, 142 (E.D. Va. 2018) (“[A] district that is drawn with some consideration of communities of interest links voters who share . . . social . . . [and] economic interests.”); *Graham v. Thornburgh*, 207 F. Supp. 2d 1280, 1286 (D. Kan. 2002) (When identifying communities of interest, “common social, cultural, racial, ethnic, and economic interests should be considered.”); *King v. State Bd. of Elections*, 979 F. Supp. 619, 625 n. 4 (N.D. Ill. 1997) (the Voting Rights Act permits states to consider the “preservation of cultural, social, and economic communities of interest”) (quotation omitted).

preserved the COI—maps the Supreme Court summarily affirmed. *Diaz v. Silver*, 55 U.S. 801 (1997), *aff’d mem.*⁸⁰

Diaz shows that a state can preserve a COI centered around a community of color without having race predominate redistricting in a way that violates the Equal Protection Clause, *see infra* Subsection C. In *Diaz*, the state no doubt considered race: it drew a district containing a COI with voters “mostly of Chinese background.” *Diaz*, 978 F. Supp. at 124. But the state also considered other social, cultural, and economic factors, including the industries in which the COI’s voters worked, the stores in which they shopped, and their common dialect. *Id.* Applying this holistic approach, a state can preserve a minority COI without letting race necessarily predominate.

Similarly, in *Rodango v. Illinois State Bd. of Elections*, a federal court held that race did not predominate Illinois’ decision to increase Black voting power by drawing a district that joined two majority-Black residential areas into one COI. 836 F. Supp. 2d 759, 761-65 (N.D. Ill. 2011). There, the court noted that these areas’ voters work in similar industries, have similar recreational activities, use similar social services, and have family ties. *Id.* at 764. Thus, even though the state

⁸⁰ *See also Favors v. Cuomo*, 39 F. Supp. 3d 276, 295 (E.D. N.Y. 2014) (noting that the Court “ultimately adopted a map that included districts that maintained the integrity of . . . [the] Asian–American communities [recognized as COIs in *Diaz*]”).

recognized a COI that merged two majority-Black areas, race did not predominate. *Id.* at 766-70.

These same principles apply to Virginia's Black communities of interest. Thus, just like the communities of interest in *Diaz* and *Radogno*, Virginia's Black communities of interest must be preserved.

C. The Special Masters' Use of Race to Ensure Compliance with the Voting Rights Act After Drawing Their Initial Maps Is Constitutional

The Equal Protection Clause of the Fourteenth Amendment prohibits Virginia from "separat[ing] its citizens into different voting districts on the basis of race" without sufficient justification. *Bethune-Hill*, 137 S. Ct. at 797; *Miller v. Johnson*, 515 U.S. 900, 911 (1995). Strict scrutiny is triggered whenever "circumstantial evidence of a district's shape and demographics or more direct evidence going to legislative purpose, that race was the predominant factor motivating the legislature's decision to place a significant number of voters within or without a particular district." *Bethune-Hill*, 137 S. Ct. at 797. This can include evidence that a state's use of race in drawing district lines predominated over or conflicted with other traditional redistricting principles. See *id.* at 797-99.

Nevertheless, as correctly highlighted in Special Masters Trendle and Grofman's Memorandum of December 7, 2021, "[t]he U.S. Supreme Court has assumed, without deciding, that compliance with the [Voting Rights Act] reflects a

compelling governmental interest” and that “when the [Voting Rights Act] preconditions established in *Thornburg v Gingles* . . . are met and the totality of the circumstances would demand race-conscious drawing, the 14th Amendment would allow it.”⁸¹ Thus, race may—and indeed must—be considered for the drawing of districts in the Virginia jurisdictions that exhibit racially polarized voting, insofar as it is used to protect voters from vote dilution. Additionally, preserving communities of interest—a requirement under Virginia law, *see infra* Subsection B.ii.—is a traditional redistricting principle that, while often correlated with race, can be accomplished without allowing race to predominate. *See, e.g., Diaz*, 978 F. Supp. at 124; *Rodango*, 836 F. Supp. at 761-70; *see also infra* notes 83, 84.

Special Masters Trende and Grofman’s use of race in their map-drawing process appears to be entirely consistent with Supreme Court precedent, and will continue to be as they continue to ensure compliance with the Voting Rights Act and the preservation of communities of interest in accordance with this and other public comments.

Underlying all of these laws is one touchstone principle: in drawing voting maps, Virginia must actively counter its pervasive record of racial discrimination and disenfranchisement, and in particular that of Black voters. Virginia’s recent

⁸¹ *Supra* note 78.

failures to draw a permissible map compound on its lengthy history of racial inequality and show that, rather than facing this discriminatory past, the Commonwealth continues to ignore it or, worse, embrace it. Virginia's long and shameful record of denying, diluting, and devaluing the Black vote must end—and federal and state law require that it does.

III. ANALYSIS OF SPECIAL MASTERS INITIAL DISTRICT MAPS AND VIRGINIA NAACP PROPOSED DISTRICTS

Virginia NAACP has worked with our counsel to analyze the initial maps and accompanying memorandum presented to the Court by the Special Masters on December 7, 2021. While many of the Special Masters' proposed districts appear to continue to provide Black voters with equal opportunities to elect their candidates of choice, others do not. The primary factor underlying many of our concerns is that the Special Masters needlessly relied upon ACS estimates in constructing their districts instead of the more accurate complete-count 2020 Census data, despite the relatively small Black non-citizen population across the Commonwealth.⁸² That error has led the Special Masters to overestimate—and thereby dilute—Black voting strength in a number of districts, as more fully laid out below.

The Special Masters also acknowledge in the brief overview of both their

⁸² The total Black population of Virginia is 97.2 percent citizen and 2.8 percent non-citizen. The Black VAP is 96.8 percent citizen and 3.2 percent non-citizen. *See* Citizen Voting Age Population (CVAP) Special Tabulation from the 2015-2019 5-Year American Community Survey (ACS), *available at* <https://www.census.gov/programs-surveys/decennial-census/about/voting-rights/cvap.2019.html>.

proposed House of Delegates and Senate plans that “we do not have as many minority-majority districts as the existing plans.” SM Mem. at 26, 41. The Special Masters contend that “this is the incorrect inquiry under both Virginia and federal law.” *Id.* Their conclusion is partially correct.

Fewer majority-minority districts can be indicative of a reduction in the ability of Black voters to have equal opportunities to elect candidates of their choice. This standard, known as “retrogression,” has been well established in the Voting Rights Act since its enactment in 1965. Retrogression, or backsliding, simply means that the voting change “will make members of such a group worse off than they had been before the change.” 28 C.F.R. § 51.54(b); *Beer v. United States*, 425 U.S. 130, 140-42 (1976). Our analysis of the Special Masters’ proposed House of Delegates and Senate districts takes into consideration both whether those proposed districts make Black voters worse off than they are under the existing plan, and whether those districts provide them with equal opportunities to elect their candidates of choice.

Virginia NAACP has also worked closely with NAACP local branch leaders and community members from across the Commonwealth over the past several months in generating our proposed district maps for the Virginia House, Senate, and US congressional delegation. These maps are designed to best represent the Black communities of interest in each region and proposed district, as reflected by input from members of those communities, as well as to best protect the ability of Black

voters to elect candidates of their choice in each district. We also took great care in ensuring our proposed districts satisfy Virginia’s other redistricting criteria—and many cases do a better job of this than the Special Masters’ maps. *See* Appendix D.

We chose not to propose statewide maps, but rather to focus on the areas with the largest Black communities of interest and thus the highest concentration of Black voters. This should not be seen as an endorsement of districts not addressed herein, but rather an effort to focus the attention of the Court and Special Masters on the areas of greatest importance to maintaining Black political representation in the House of Delegates, the Senate, and Virginia’s US congressional delegation, as required by the federal Voting Rights Act and Virginia law.

A. State House Districts

Our focus is on the six regions of the Commonwealth where Black voters currently have the ability to elect or influence House districts: Hampton/Newport News; Norfolk/Portsmouth; Richmond/Petersburg; Fredericksburg; Dale City/Quantico; and northern Virginia. *See* Appendix A, NAACP-Proposed Maps of House of Delegates Districts.

1. Hampton/Newport News

The Hampton/Newport News area has two proposed districts, HD 85 and HD 87, with significant Black populations. According to the 2020 Census,⁸³ proposed

⁸³ For all references to Black VAP herein, *see* 2020 Census State Redistricting Data (Public Law 94-171) Summary File—Virginia Prepared by the U.S. Census Bureau, 2021.

HD 85 has a BVAP of 44.48 percent and proposed HD 87 has a BVAP of 56.57 percent, slightly lower than the 2019 CVAP estimates provided by the Special Masters. *See* SM Mem. at 45. Although we have shown that two compact majority-Black House of Delegate districts can be drawn in this area (our proposed districts HD 92 and 95), it appears the two districts proposed by the Special Masters continue to provide Black voters with equal opportunities to elect their candidates of choice. The most significant difference between the Special Masters’ proposed map and ours is that their proposed HD 87 does not include the area around Langley Air Force Base.

2. Norfolk/Portsmouth

In the Norfolk/Portsmouth area, the Special Masters have combined much of the Black community of interest in our proposed HDs 79 and 80 into a single district, their proposed HD 88. That choice has a cascading effect on all of the districts in the region, resulting in fewer Black opportunity-to-elect districts statewide. The Special Masters’ proposed House of Delegates districts also are less compact than our proposed districts, using the Reock and Polsby Popper metrics employed by the Special Masters.⁸⁴ In addition, the Special Masters’ decision to “maintain[] ignorance about the residence of incumbents,” SM Mem. at 10, resulted in the elimination of the cores of two Black ability-to-elect districts, and places two Black

⁸⁴ *See* Appendix D, Figure 2.

incumbents in the same district, Special Master proposed HD 88. The substantial, but unneeded, changes made by the Special Masters in this area strongly support our recommendation to use the proposed House of Delegates districts we have drawn.

3. Richmond/Petersburg

In the Richmond/Petersburg area, the Special Masters' and our plans propose four House of Delegates districts drawn around Black communities of interest. The Special Masters' proposed HD 82 is significantly different from what we have recommended. In our proposed HD 63, we have shown that a majority-Black district (50.31 percent BVAP) can be readily drawn from the core of Petersburg to include the Black community of interest extending northwards toward the area just outside of Chester. In contrast, the Special Masters' proposed HD 82, this greater community of interest is split and the BVAP is reduced to 45.51 percent. Their proposed HD 82 includes rural areas east, west, and south of Petersburg that are predominately non-Hispanic white, with little in common with the Black community of interest in and around Petersburg. Given the presence of racially polarized voting that is generally present in the rural areas of Virginia, it appears that Special Masters' proposed HD 82 may be insufficient to allow Black voters to continue to be able to elect their candidates of choice. Of the Special Masters' remaining proposed House of Delegates districts in and around Richmond/Petersburg, proposed HD 79 is the

only majority-Black district with a BVAP of 57.7 percent. The other two proposed districts, HD 80 and 81, have BVAPs of 46.84 percent and 47.91 percent.

We recommend using our proposed districts in this region (our proposed HDs 63, 70, 71 and 74) because they are more compact and preserve core Black communities of interest while maintaining a BVAP in each exceeding 50 percent, except for our proposed HD 71 in Richmond, which has a BVAP of 44.54 percent.

4. Fredericksburg

In Fredericksburg, we have proposed a House of Delegates district, HD 28, which maintains more of the Black community of interest to improve Black voters' ability to influence the election with a BVAP of 21.89 percent. The Special Masters' district in this area, proposed HD 65, is less compact and includes areas to the north and east of Fredericksburg, resulting in a BVAP of just 17.26 percent. We are concerned about the Special Masters' unnecessary dilution of Black voting power in a district that for the first time elected a Black candidate of choice in close elections in 2019 and again in 2021.

Directly to the north, we propose the creation of a new influence district around a Black community of interest which has increased dramatically in population over the past decade, with our proposed HD 88 increasing in BVAP from 9.89 percent in 2010 to 23.09 percent in 2020. This is a compact district that runs

along I-95 and unifies the Black community of interest between Fredericksburg and Quantico.

5. Dale City/Quantico

In the Dale City and Quantico region, we have proposed preserving the core Black community of interest within three districts (our HD 2, 51, 52) while the Special Masters' plan splits it among four (SMs' HD 19, 23, 24, 25). While the BVAP in our proposed House of Delegates districts in the Dale City and Quantico region are comparable to those in the Special Masters' plan, our districts are far more compact, and center more closely around the core of the Black community of interest.

6. Northern Virginia

Finally, in northern Virginia, Special Masters' proposed HD 3 and our proposed HD 49 are very similar. Generally, the BVAP in the remaining northern Virginia districts is the same between the two plans despite substantial differences in their configurations. The differences do not appear to be significant because there are no influence districts in which the BVAP exceeds 30 percent.

In South Alexandria, we propose a new influence district, HD 44, around a Black community of interest that has increased significantly in population over the past decade, up from just 15.36 percent BVAP in 2010 to 24.46 percent in 2020.

B. State Senate Districts

Among the six regions of Virginia described by the Special Masters in their proposed State Senate redistricting plan, there are two regions that are the focus of our comments and our proposed districts: “Southside and Richmond” (Special Master SDs 8-17) and “Hampton Roads” (Special Master SDs 18-24). *See* SM Mem. at 21-22; Appendix B, NAACP-Proposed Maps of Senate Districts.

1. Southside and Richmond

We have significant concerns with the Special Masters’ proposed districts in the Southside and Richmond areas. Those proposed districts unnecessarily dilute the voting power of the geographically compact and politically cohesive Black community of interest in and around Petersburg and Richmond. That result is concealed by the Special Masters’ use of less reliable Black CVAP data drawn from the 2019 five-year ACS estimates, which in this region in particular severely overestimate Black population compared to the actual BVAP reported in the 2020 decennial Census data.

For example, the Special Masters describe their proposed SD 13 as a majority-Black district with an overestimated Black CVAP of 51.85 percent, *id.* at 29, when in fact their proposed district has a BVAP of just 48.37 percent according to the 2020 Census. Similarly, the Special Masters describe their proposed SD 14 as a strong Black ability to elect district with an overestimated Black CVAP of 45.97 percent,

id., while 2020 Census data reveals a BVAP of just 37.97 percent. The Special Masters' proposed SD 15 likewise uses an overestimated Black CVAP of 42.97 percent, compared to 2020 Census data identifying a BVAP of only 36.73 percent. The Special Masters needlessly rely upon ACS estimates for these districts instead of more accurate complete-count 2020 Census data, despite the relatively small Black non-citizen population. That error has led the Special Masters to dilute Black voting strength by choosing to create three lower-performing Black opportunity districts instead of the two strong majority-Black districts.

The Special Masters' proposal also does not respect natural boundaries, needlessly splitting proposed SD 14 across the James River. Their proposed SD 13 unnecessarily crosses the James River to include Charles City, Highland Springs, and Montpelier to comply with equal population requirements. In the process, their proposed SD 13 joins together unrelated communities and splits the Black community of interest in Petersburg with their proposed SD 12. The combination of unrelated communities with little in common, spread out over a vast distance in SD 13, makes it more difficult for Black voters to elect their candidates of choice than under the existing Senate Districts and in our proposed districts.

In contrast, we recommend creating two effectively performing districts (our proposed SD 9 and SD 16), in the Southside and Richmond area, that have a BVAP of just over 50 percent according to 2020 Census data. Unlike the Special Masters'

proposed districts, our proposal respects the natural boundary that the James River forms between districts.

2. Hampton Roads

Turning to the Hampton Roads region, we begin by observing that the Special Masters' proposed SD 23 generally appears to provide Black voters with the ability to elect their candidates of choice. The Special Masters' use of ACS data overestimates Black CVAP at 50.95 percent, compared to BVAP of 47.57 percent reported in the 2020 Census. It appears that by including the core Black community of interest in Hampton and Newport News, the Special Masters' proposed SD 23 preserves this community of interest and will provide Black voters with an equal opportunity to elect their candidate of choice.

However, the same is not clear with respect to the other three proposed districts in this area, Special Masters' proposed SDs 17, 18, and 21. The use of Black CVAP overestimates Black voting power in all three districts, although only marginally for proposed SD 17. Comparing the ACS estimates with 2020 Census data reveals: proposed SD 17 has an estimated CVAP of 41.84 percent and a VAP of 40.31 percent; proposed SD 18 has an estimated CVAP of 44.79 percent and a VAP of 42.59 percent; and proposed SD 21 has an estimated CVAP of 44.33 percent, and a VAP of 40.55 percent. In summary, none of the three proposed Senate Districts in this region has a BVAP greater than 42.59 percent. That raises

considerable questions about the ability of Black voters to elect their candidates of choice, taking into consideration higher levels of racially polarized voting in the area.

Our proposed districts for this region (our SDs 5 and 18) preserve Black communities of interest in two Senate Districts that maintain the ability to elect of Black voters.

C. Congressional Districts

The Special Masters acknowledge that under the current congressional districting plan, there are two districts in which Black voters have an equal opportunity to elect their candidates of choice, CD 3 and CD 4. *See* SM Mem. at 14-15, 17. The Special Masters' proposed plan represents that it maintains CD 3 and CD 4 as "ability to elect" districts for Black voters, drawing districts in which "Black voters represent 44.5% and 45.26% of the populations, respectively." *Id.* at 17. According to the Special Masters, the percentages of Black voters are "sufficient to elect a Black candidate of choice in both districts" and parallel the "minority proportions" under the existing districting plan drawn by the federal court. *Id.*

The Special Masters have dramatically altered the boundaries of CD 3 in their proposed plan. They began by deviating from the existing boundaries drawn by Dr. Grofman and adopted by the federal court to create what they describe as "a compact district comprised of the four major cities in the Hampton Roads area: Norfolk,

Newport News, Hampton and Portsmouth. We then split the City of Chesapeake roughly at the Hampton Roads Beltway in order to maintain the district's compactness while achieving population equality.” *Id.* They acknowledge that their choices “left few options for the 2nd District,” which was redrawn to incorporate much of the existing Black community of interest in Isle of Wight County in the current CD 3. *Id.*

The Special Masters have overemphasized compactness and preserving the integrity of the four major cities in Hampton Roads, with the latter priority not present in the existing CD 3. They propose eliminating the CD 3 remedial district drawn by Dr. Grofman and imposed by the federal court in *Personhuballah v. Alcorn*, unnecessarily removing the western half of the district. Furthermore, they ignore the greater weight that Virginia law places on providing Black voters with equal opportunities to elect, Va. Code § 24.2-304.04, and preserving existing communities of interest, including those currently in the western portion of CD 3. Va. Code § 24.2-304.04(5). In the process, the Special Masters acknowledge that their changes have not improved the compactness of CD 2, and indeed have caused that district to “lose[] functional contiguity in the cities of Suffolk and Chesapeake....” SM Mem. at 14.

It is unnecessary to deviate from *Personhuballah*'s remedial CD 3 by adding into the district Navy Station Norfolk and neighborhoods in northern Norfolk such

as Algonquin Park, Bel-Aire, Camelia Shores, East Ocean View, Larrymore Lawns, North Camelia Acres, Oceanair, Suburban Acres, and Willoughby Terrace. Instead, the Special Masters should continue to follow *Personhuballah*'s inclusion of the Black community of interest from the existing CD 3 including: Deanes, Driver, Huntersville, Magnolia, Oakland, Red Top, and communities in the Quaker Neck and Sandy Bottom areas of Portsmouth County; Isle of Wight County; and the Independent City of Franklin. See Appendix C, NAACP-Proposed Maps of US Congressional Districts.

Under the *Personhuballah* remedial plan, the Black community of interest in the areas removed under the proposed CD 3 have had an equal opportunity to elect their candidate of choice. Joining with other Black voters in the Hampton Roads area, those voters have secured representation to address their common needs including depressed socio-economic status and disparities in educational and employment opportunities. The Black community of interest in CD 3 has worked together to form a politically cohesive group of voters with common ties that would be severed under the Special Masters' proposed CD 3. Regardless of the similar demographics, the proposed changes to *Personhuballah*'s remedial CD 3 would make it more difficult for Black voters to elect their candidates of choice because it would effectively remove the western portion of the Black community of interest and replace it with a large group of voters who have had no ties to CD 3. The

unnecessary changes to CD 3 would make it more expensive and difficult for a Black candidate of choice to be elected because of the costs of reaching out to an entirely new constituency.

We strongly recommend that the Special Masters maintain, to the greatest extent possible, the contours of *Personhuballah*'s remedial CD 3. Our proposed CD 3 illustrates the viability of continuing to include the entire Black community of interest in the district, while preserving the cores of both districts in the Hampton Roads region (CD 2 and CD 3).

CD 4, which currently provides Black voters with equal opportunities to elect their candidate of choice, appears to continue to have those opportunities under the Special Masters' plan. We nevertheless recommend that the Special Masters consider our alternative, which has some differences in the neighborhoods and communities proposed for CD 4, particularly around Richmond City and Henrico Counties, that better represent the greater Black community of interest in CD 4.

CONCLUSION

For the reasons stated herein, the Virginia State Conference of the NAACP respectfully requests that the Special Masters and the Supreme Court of Virginia carefully consider this written comment, including and especially our analysis of the Special Masters' initial district maps and our proposed districts, and adjust future maps to be considered by this Court accordingly.

Respectfully submitted,

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DATE: December 17, 2021

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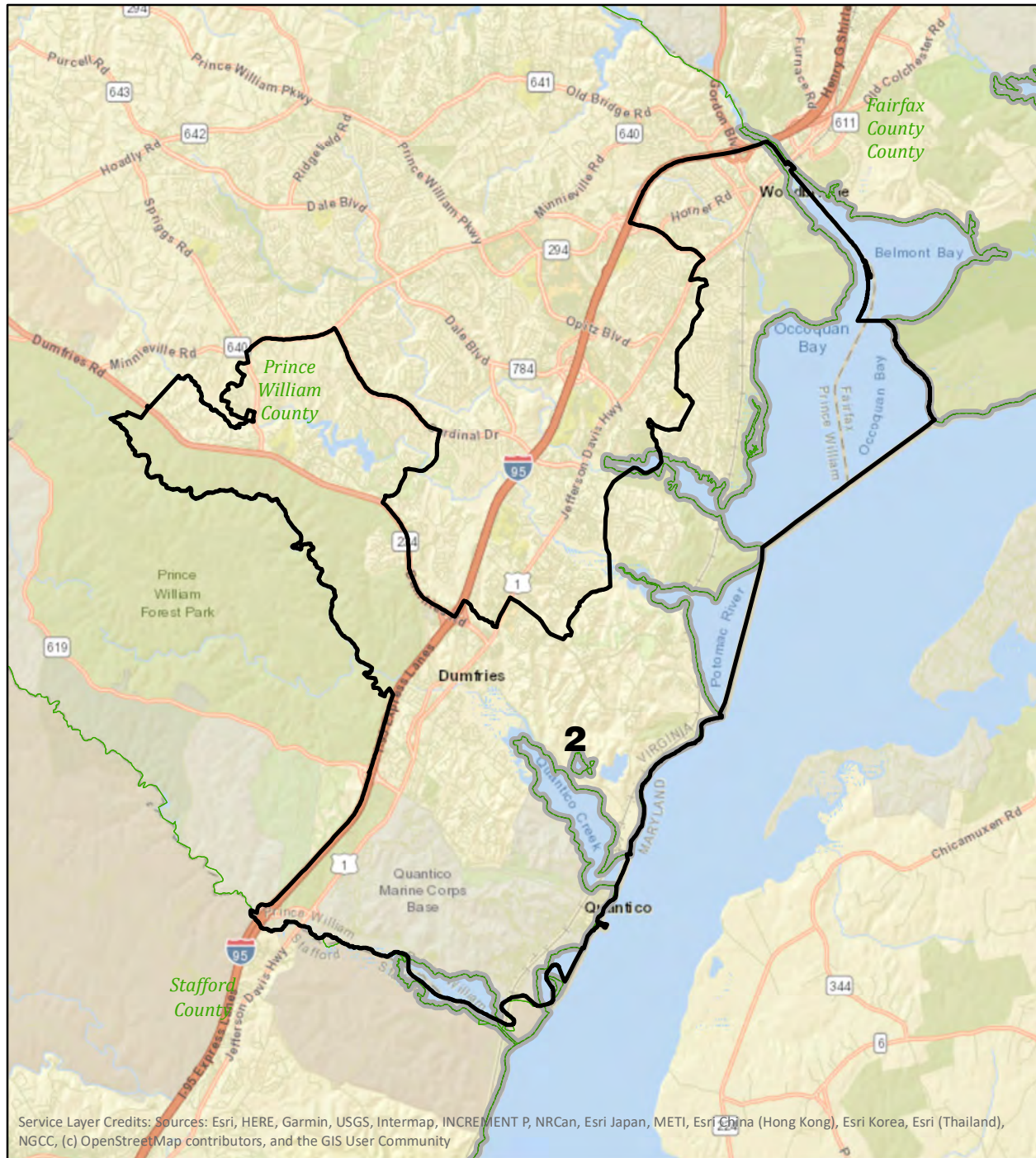
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Appendix A

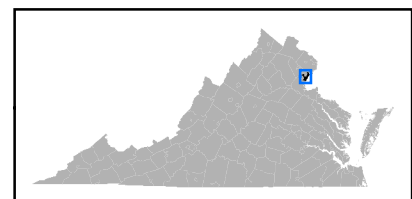
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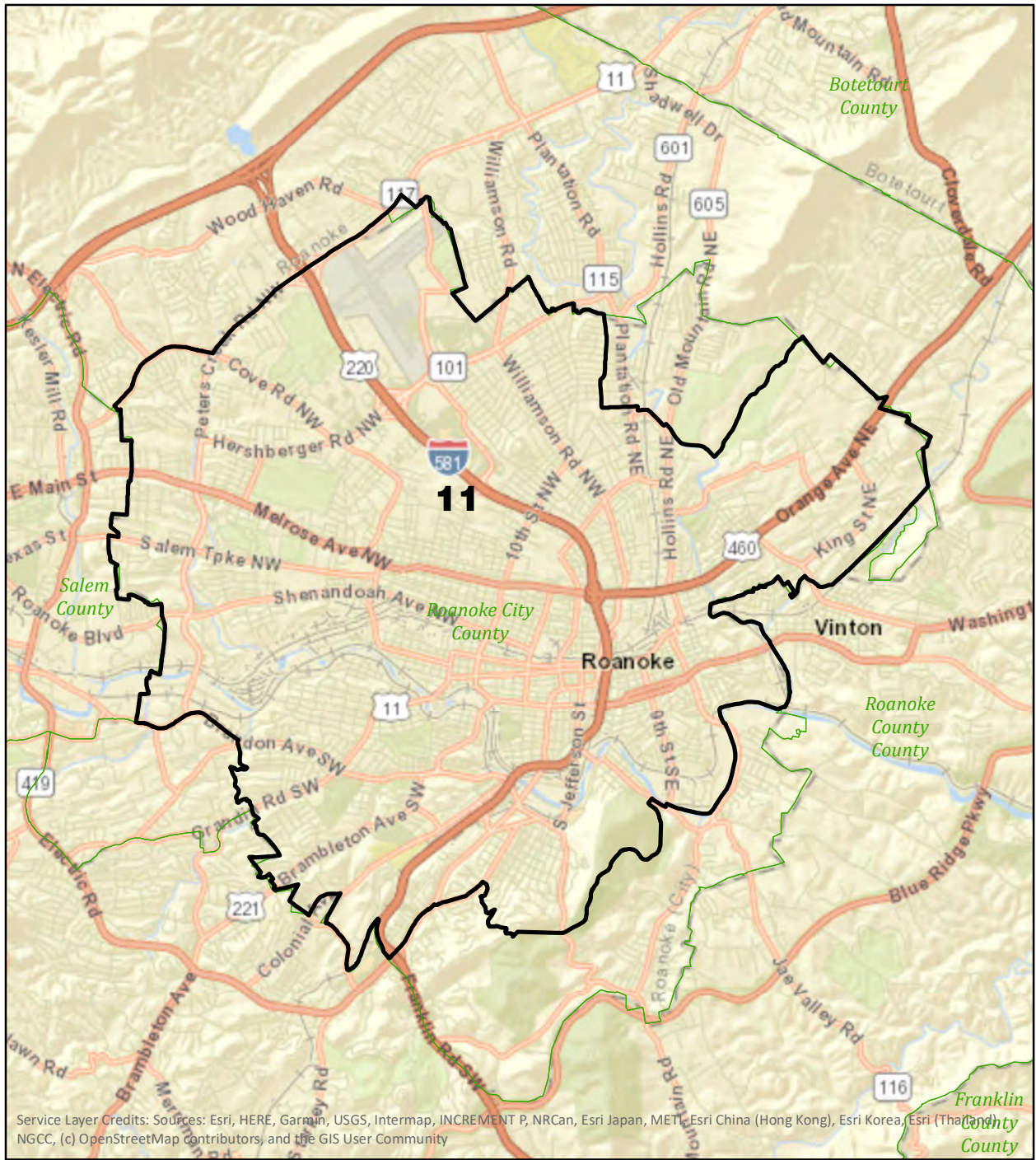
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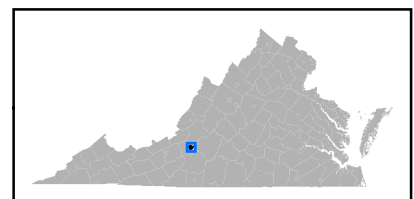
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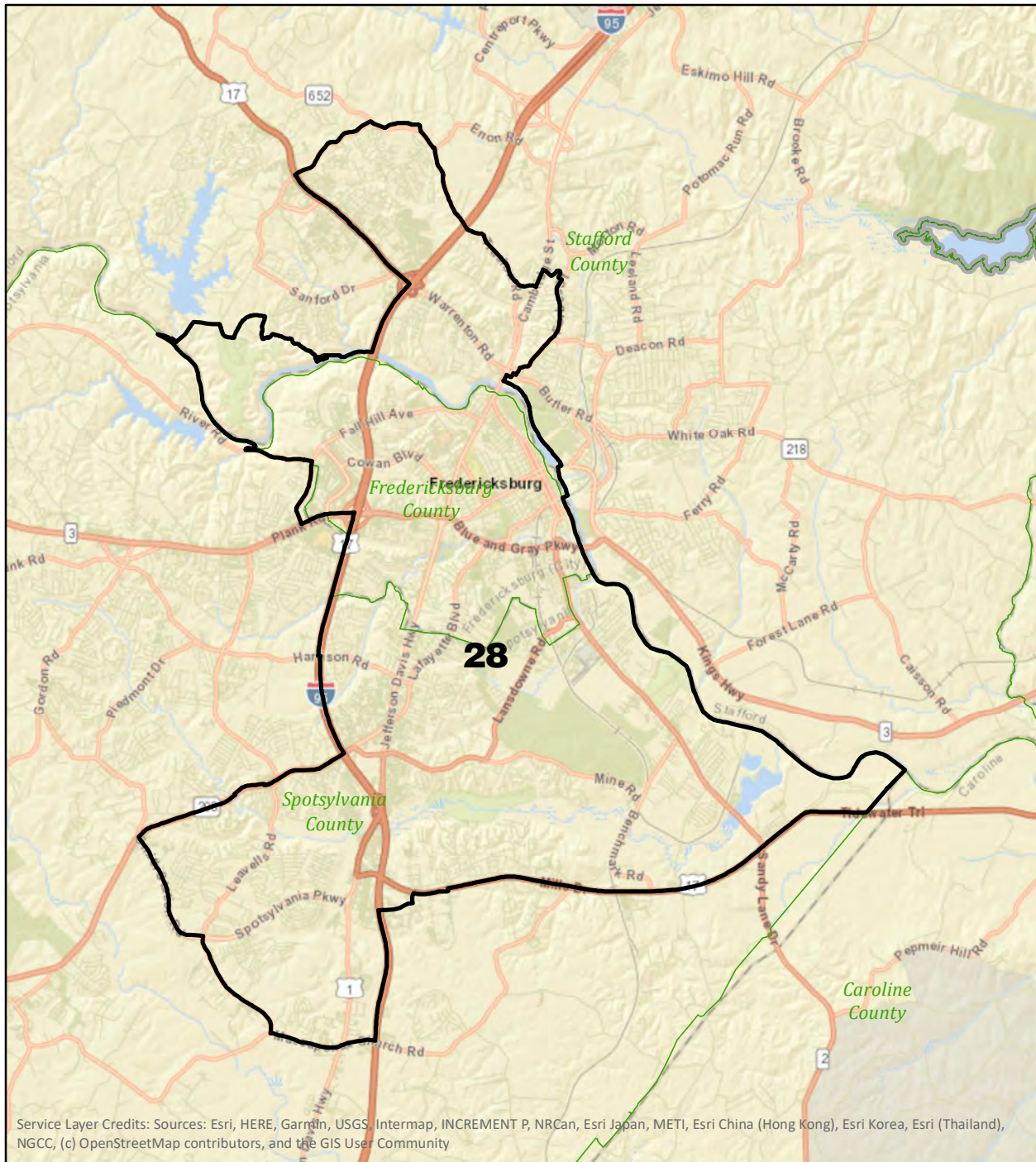
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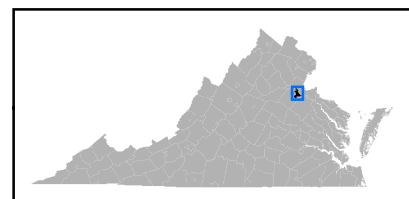
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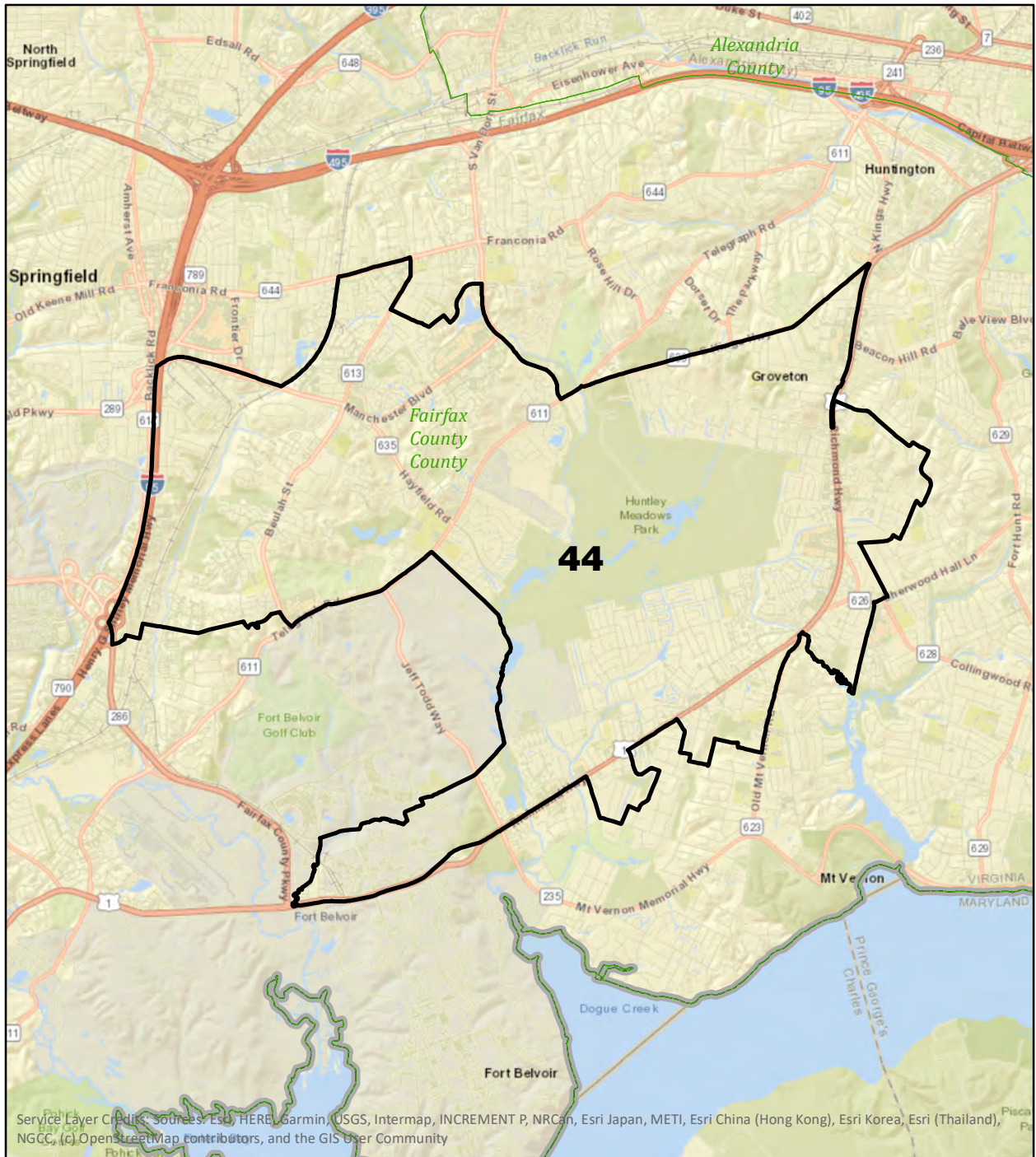
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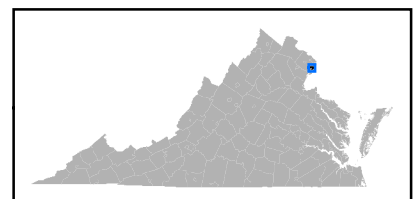
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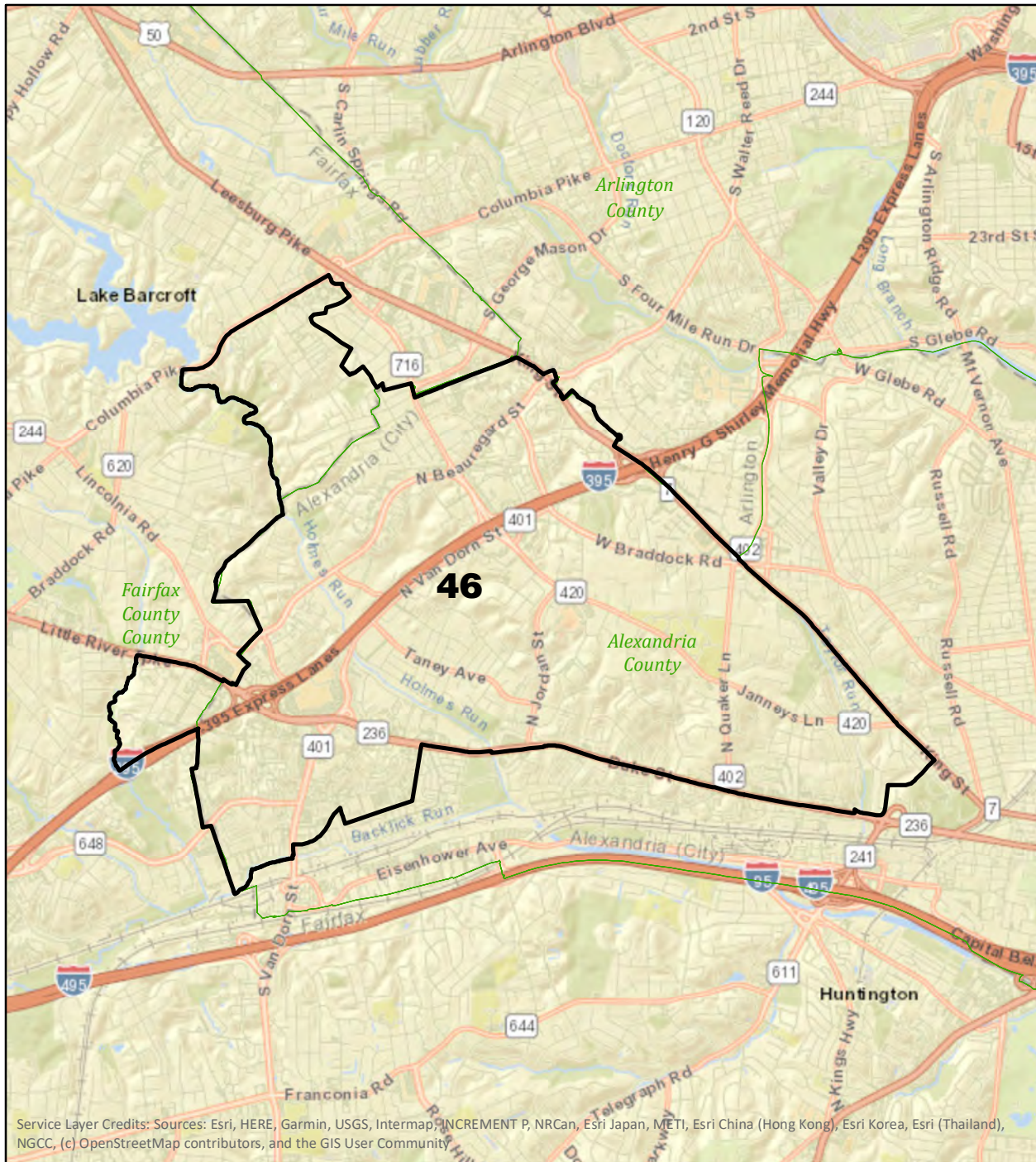
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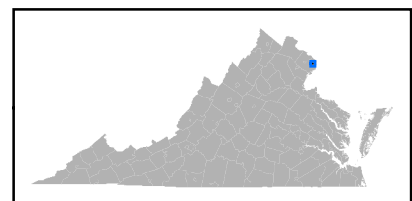
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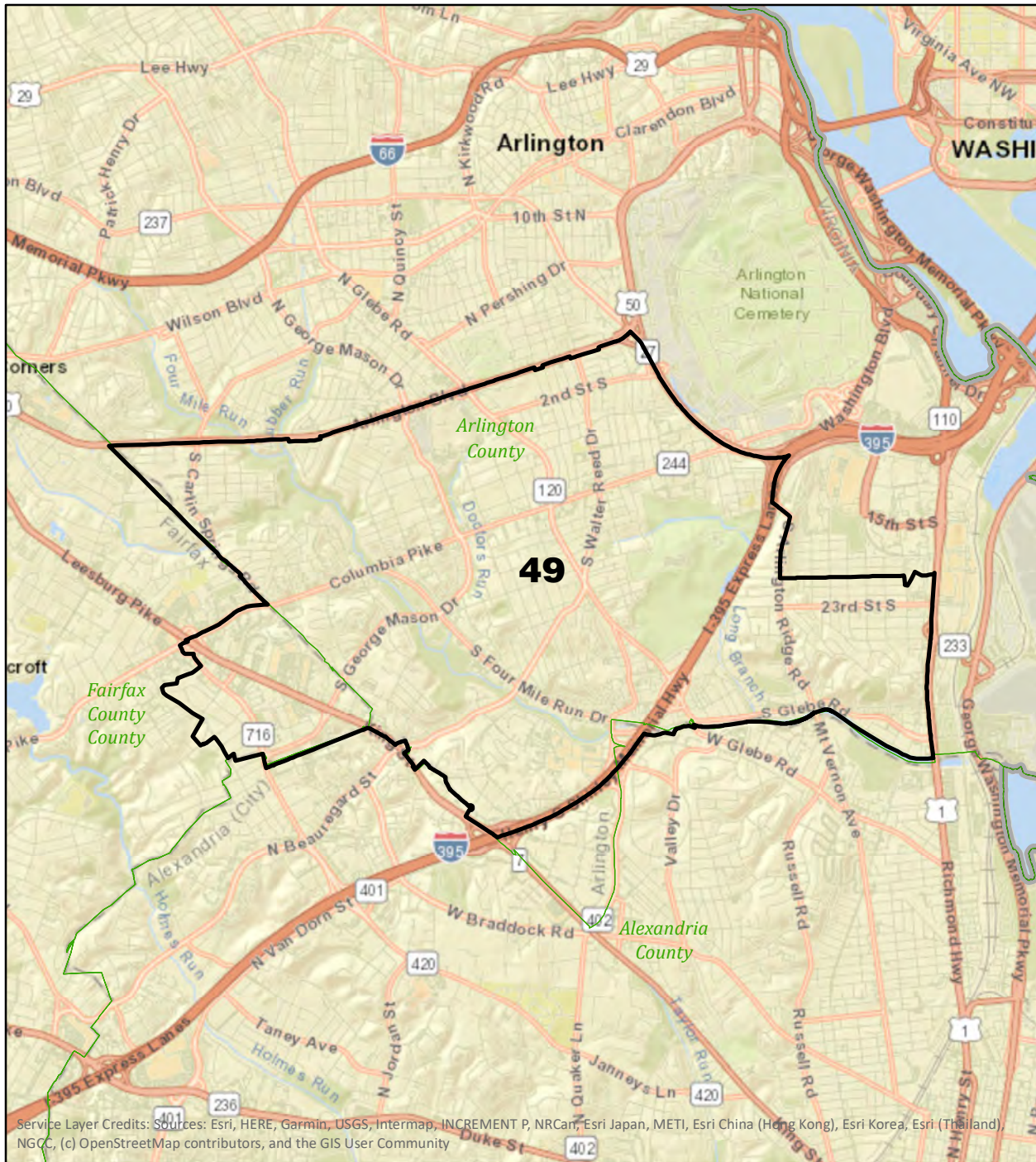
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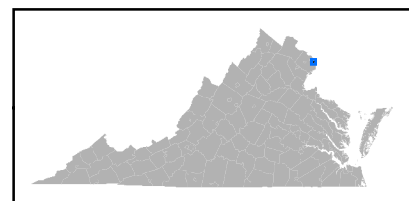
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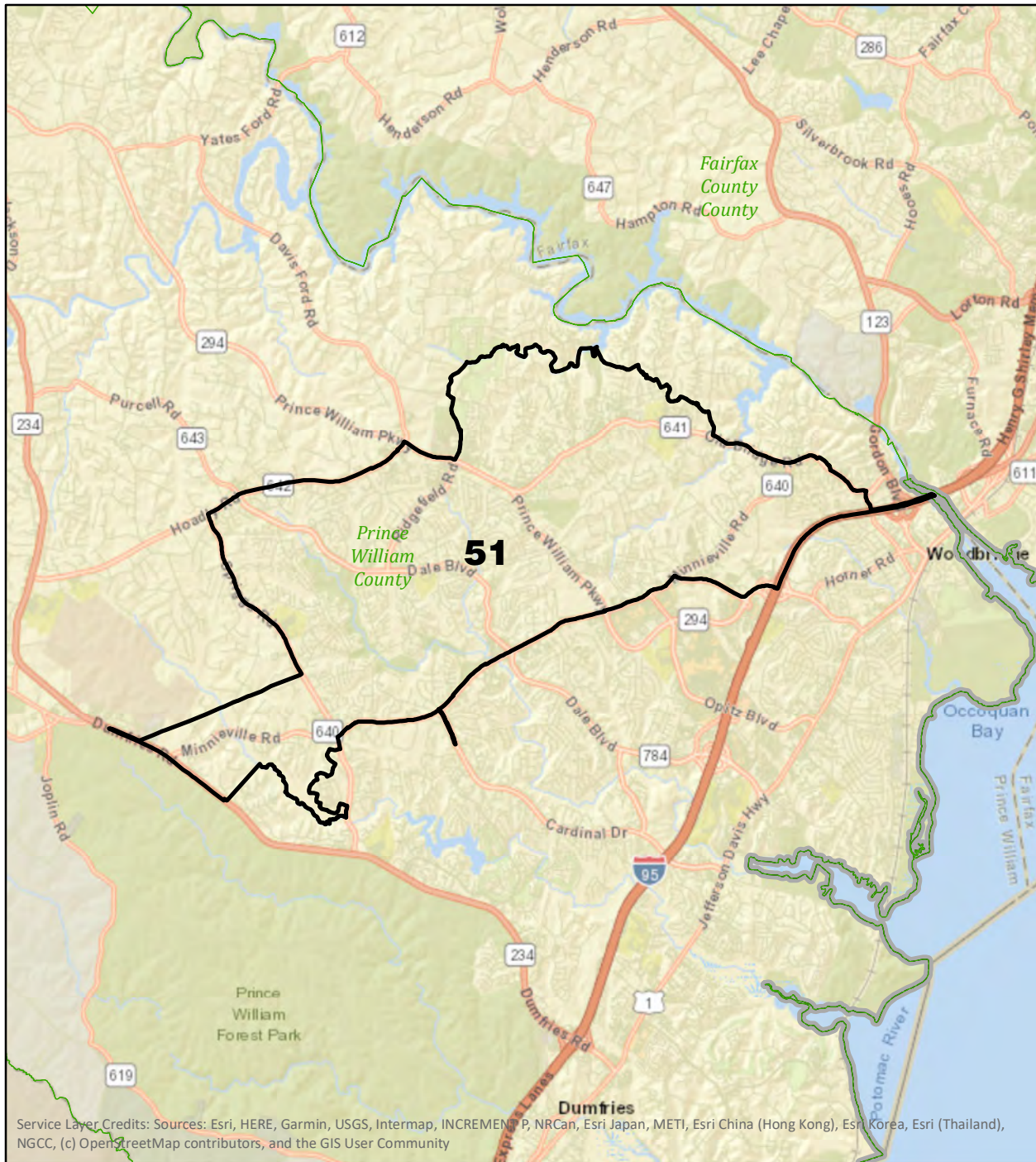
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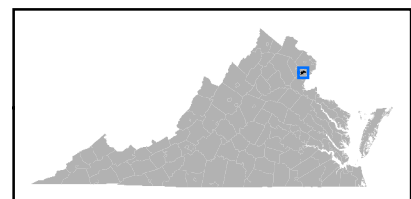
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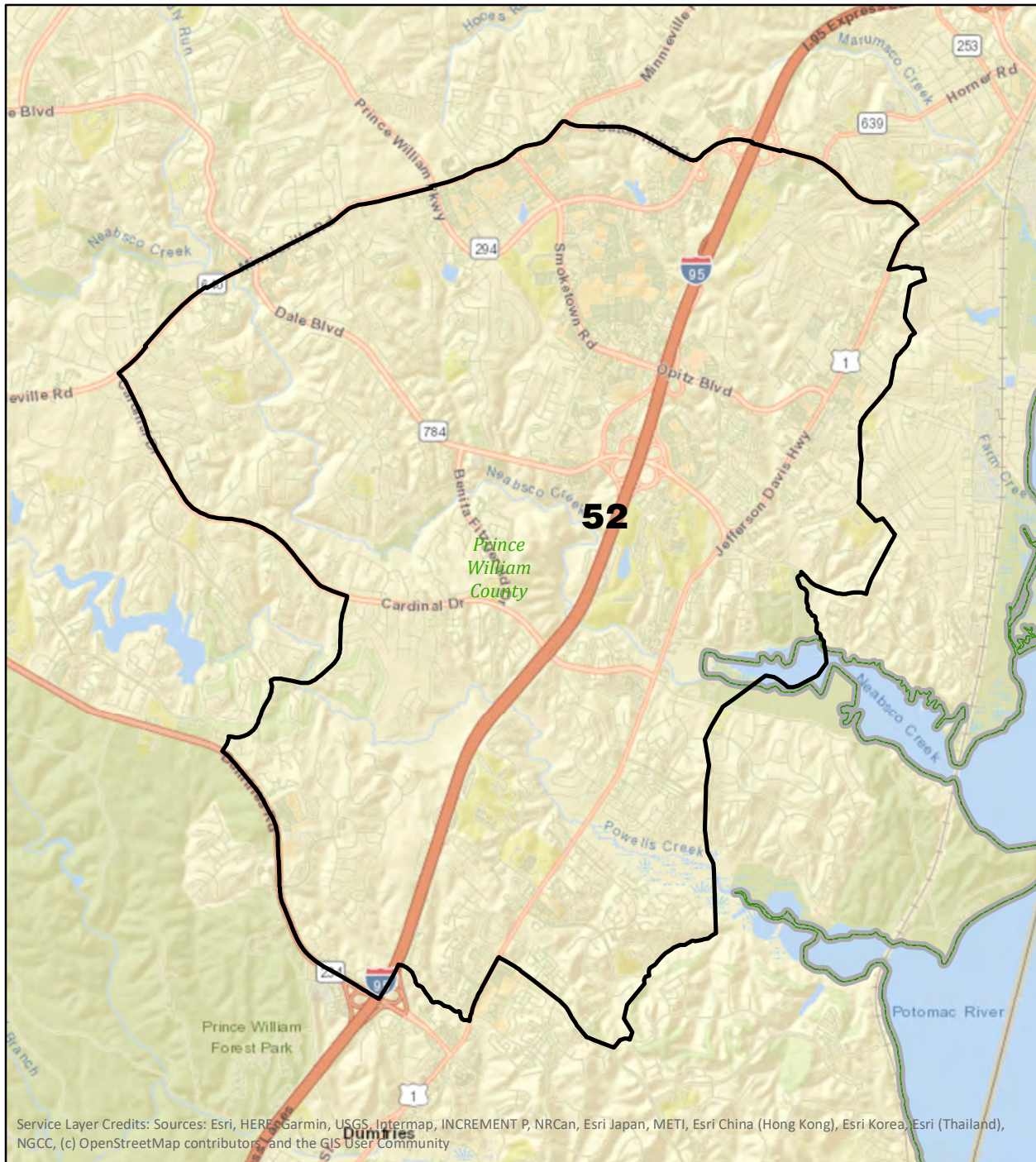
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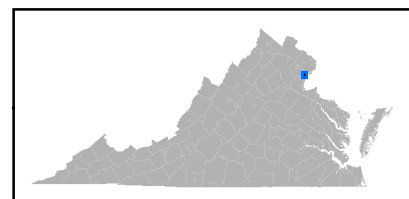
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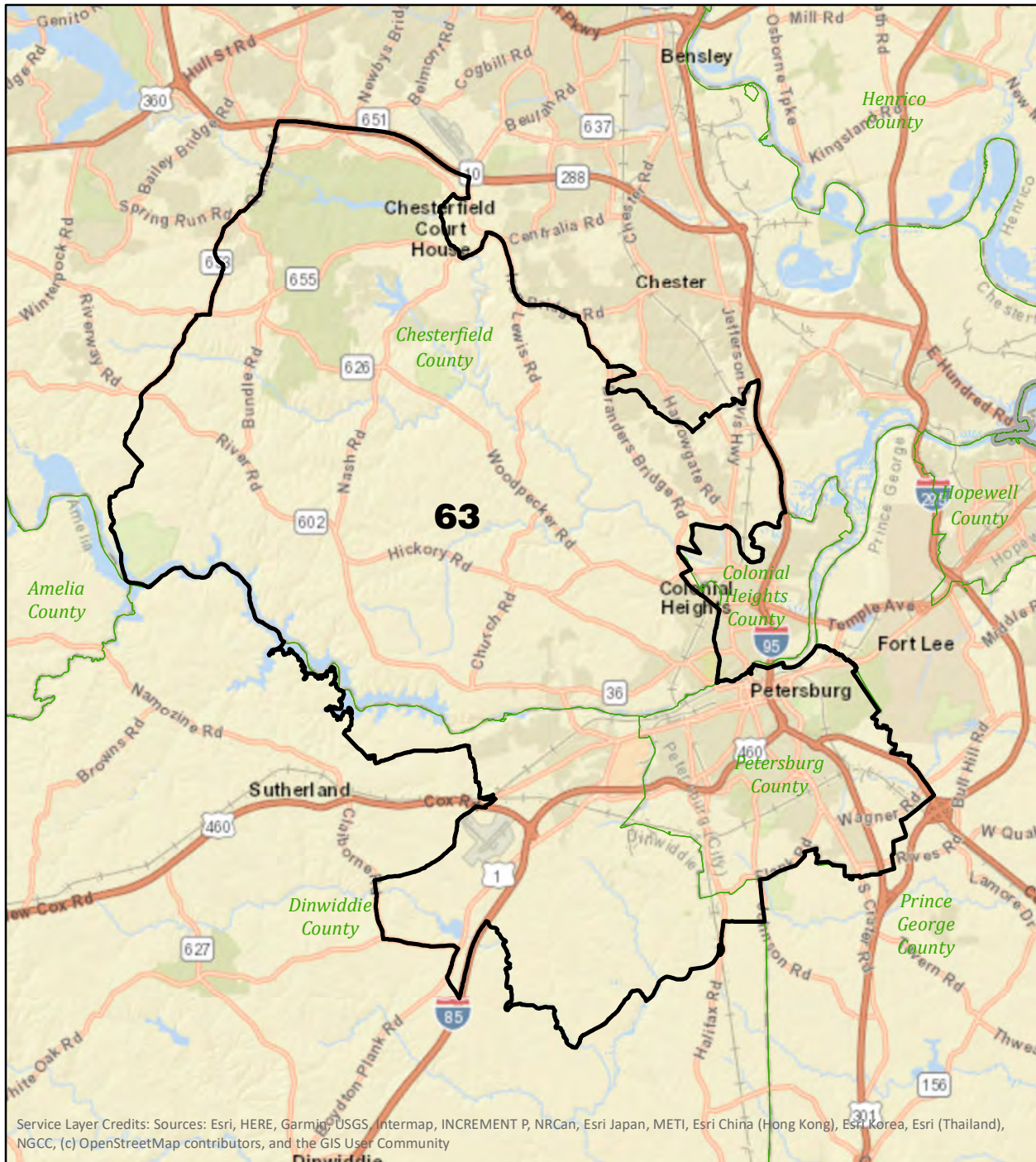
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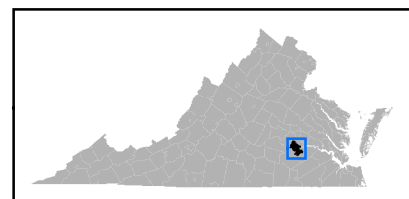
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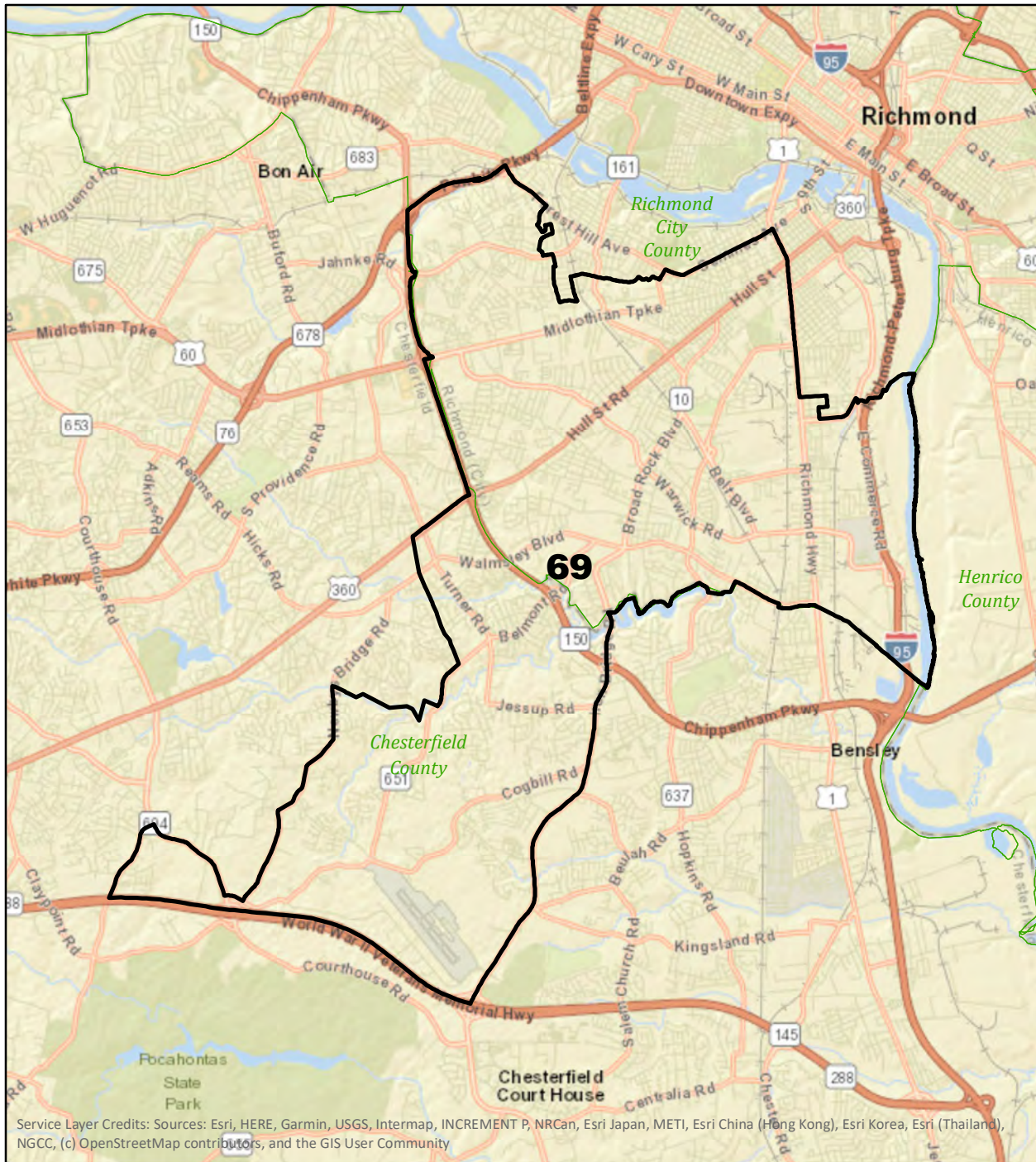
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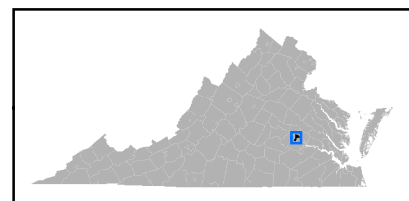
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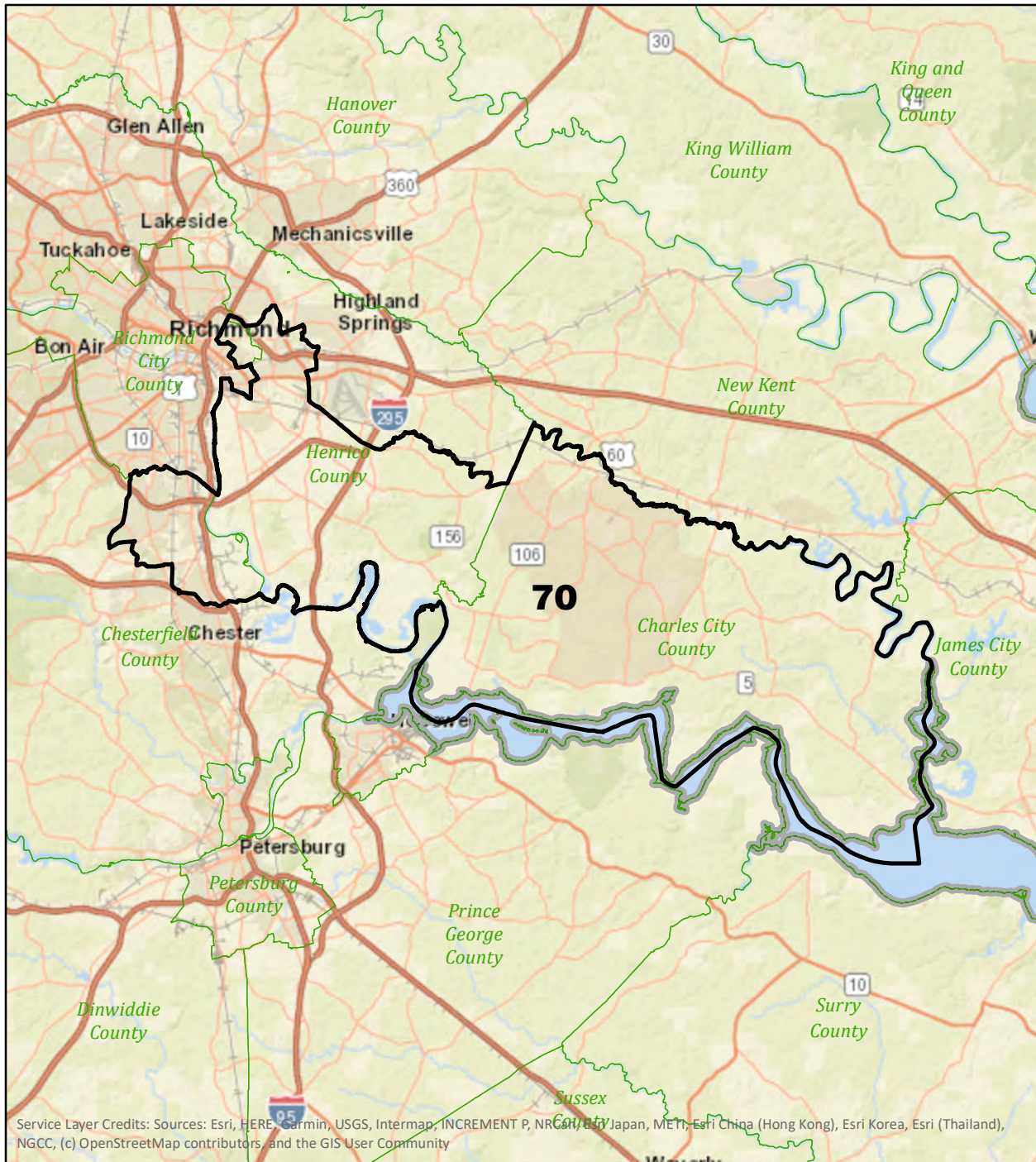
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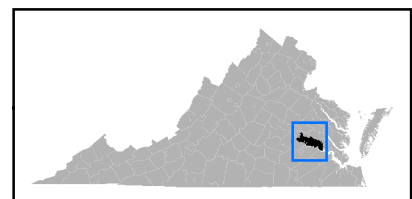
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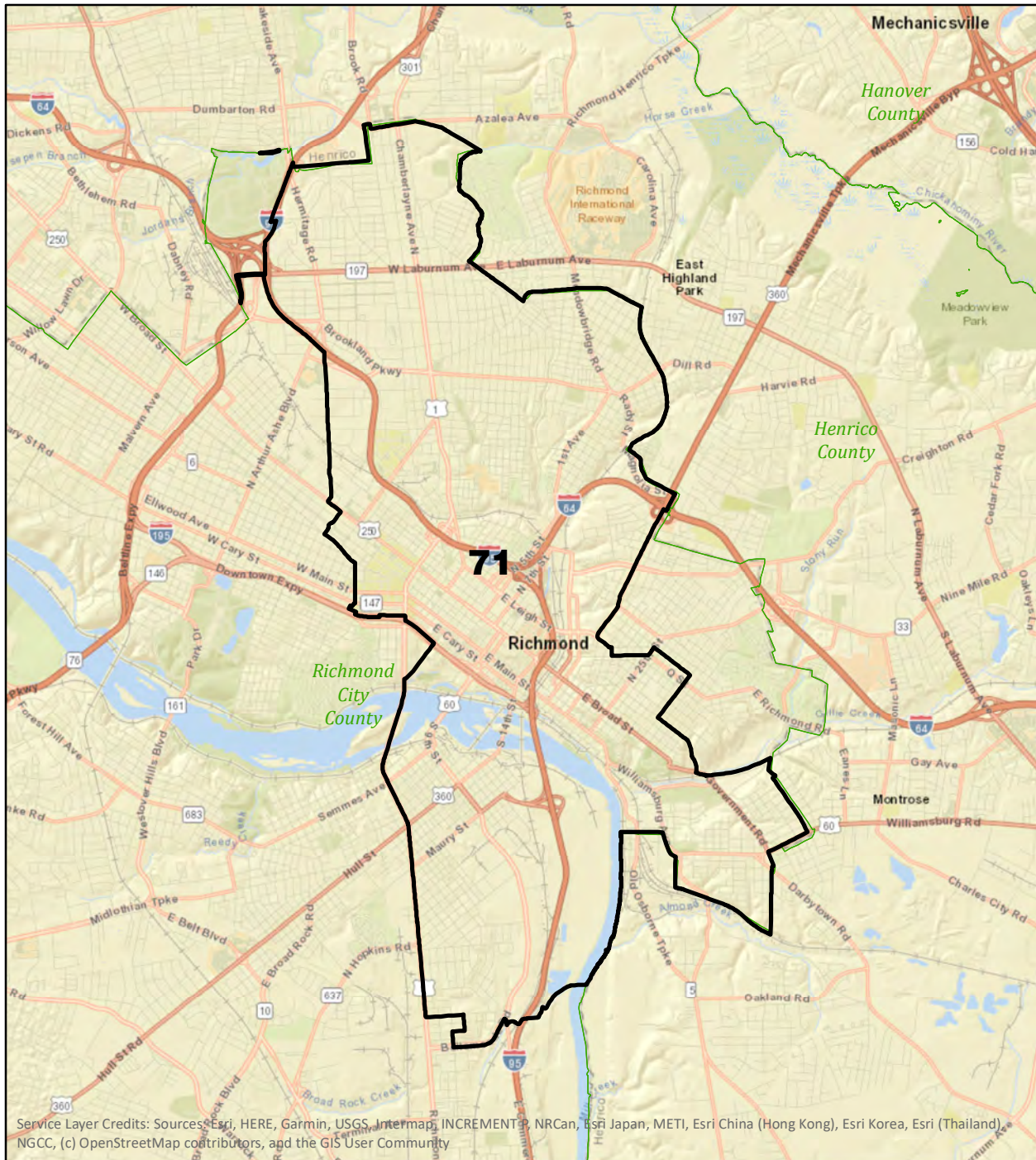
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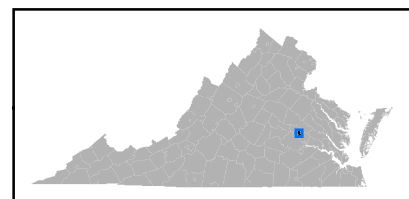
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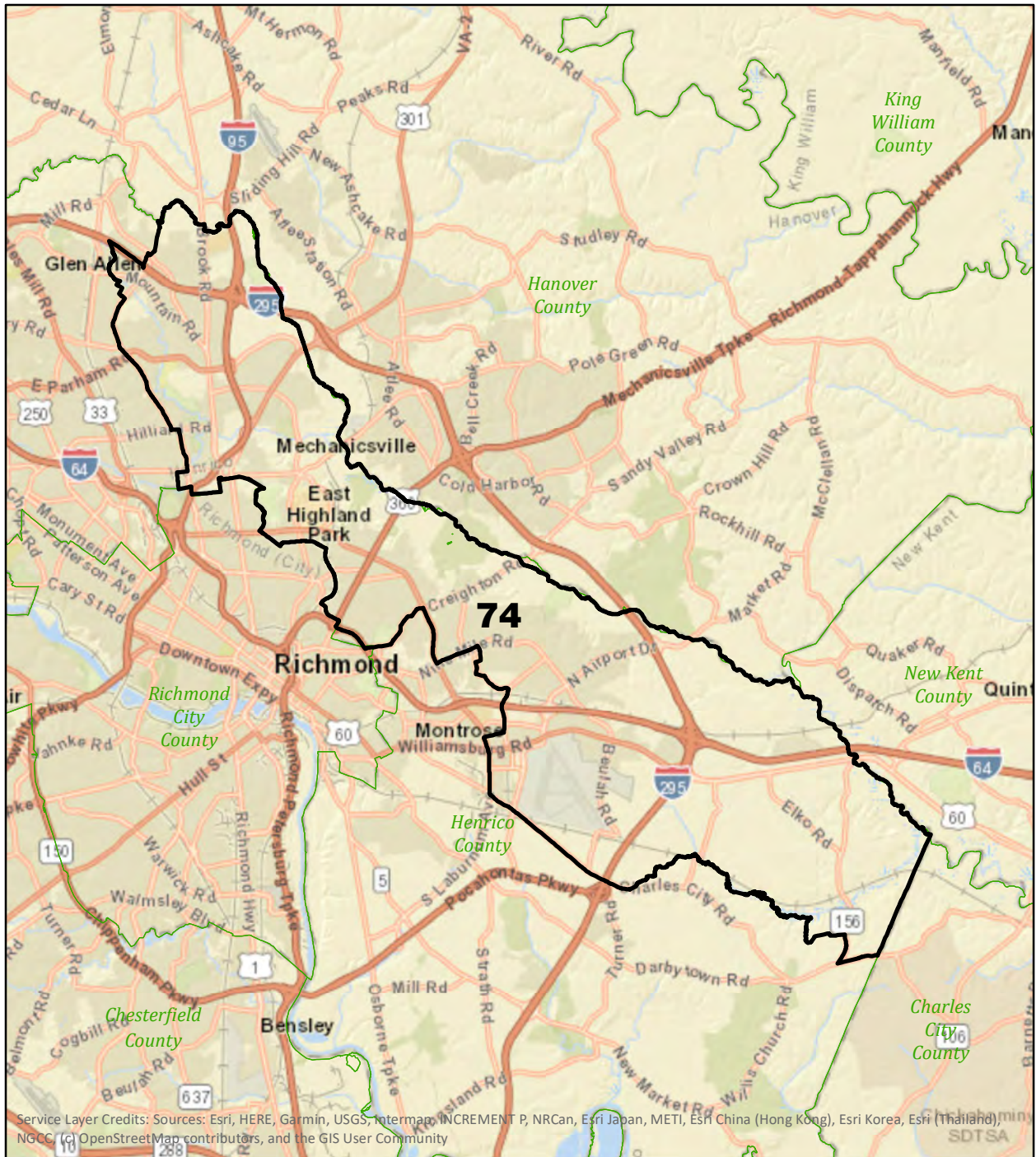
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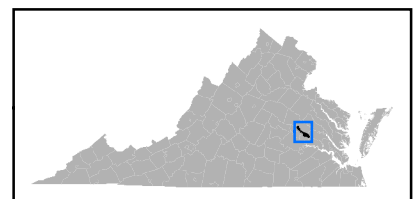
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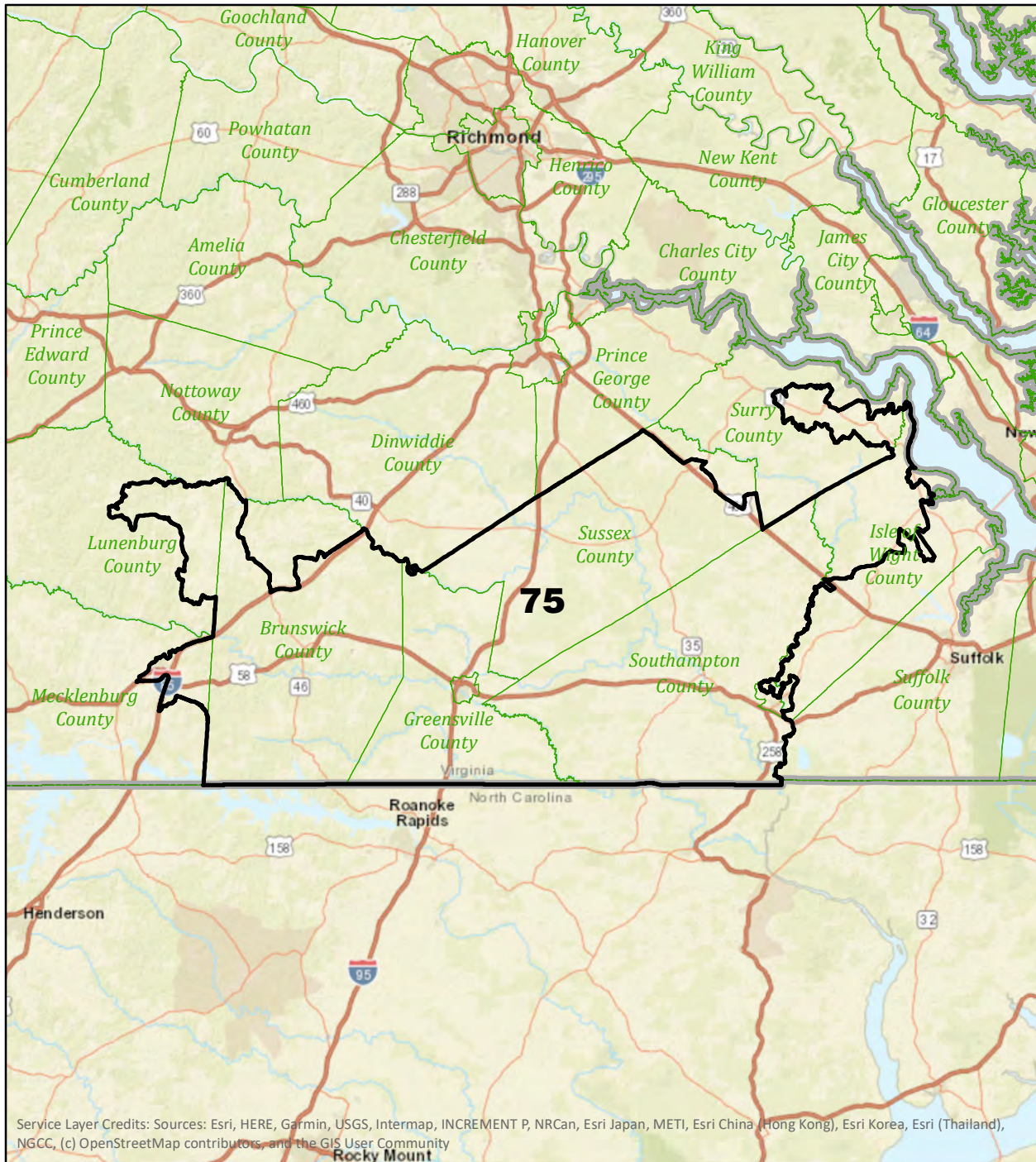
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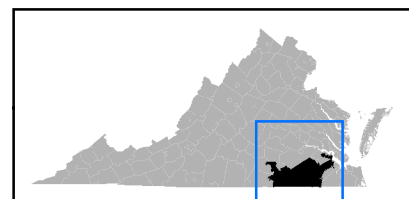
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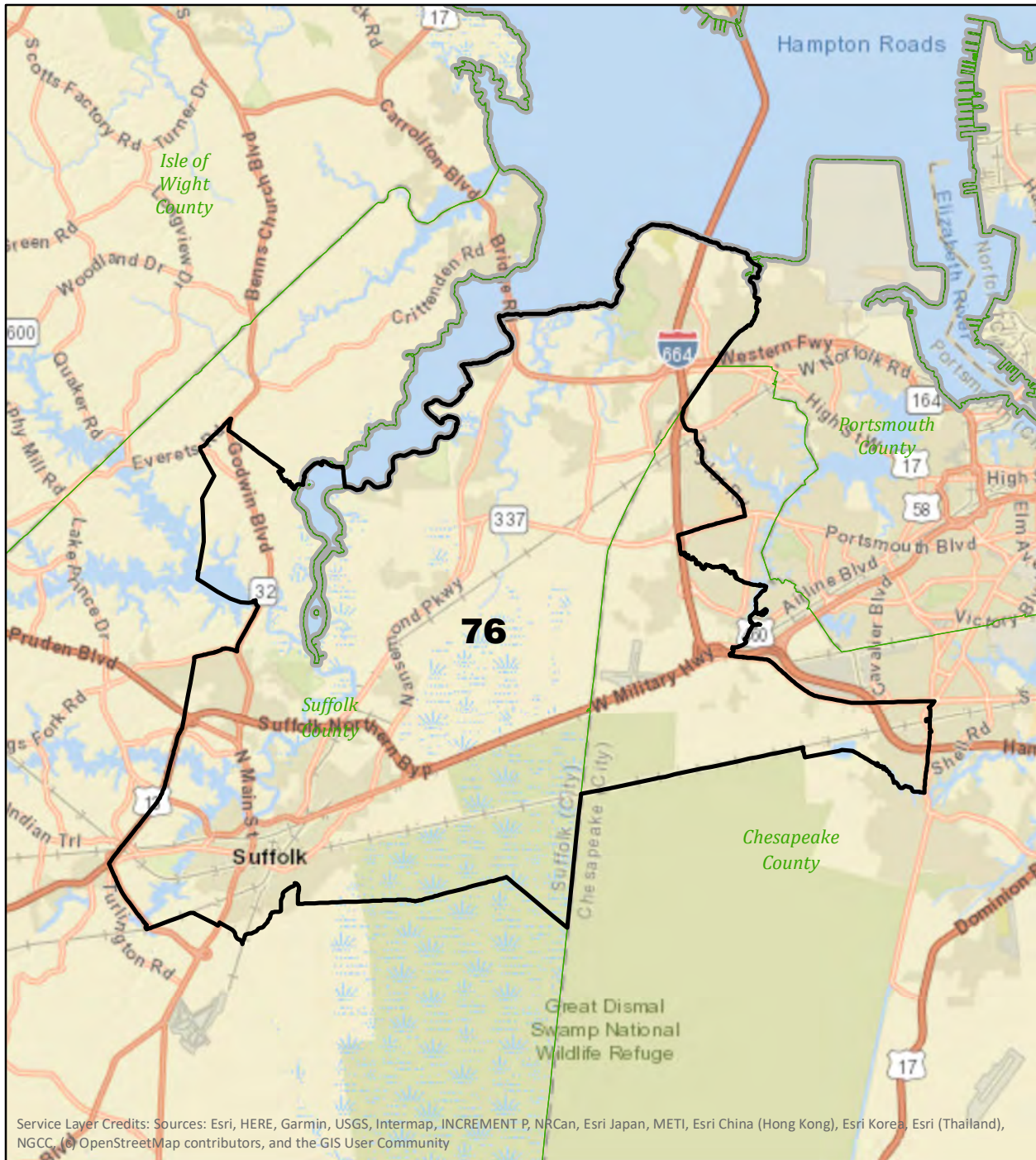
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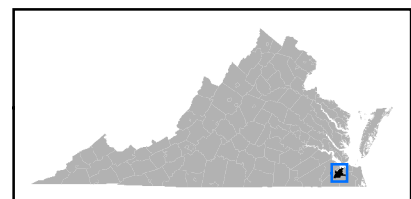
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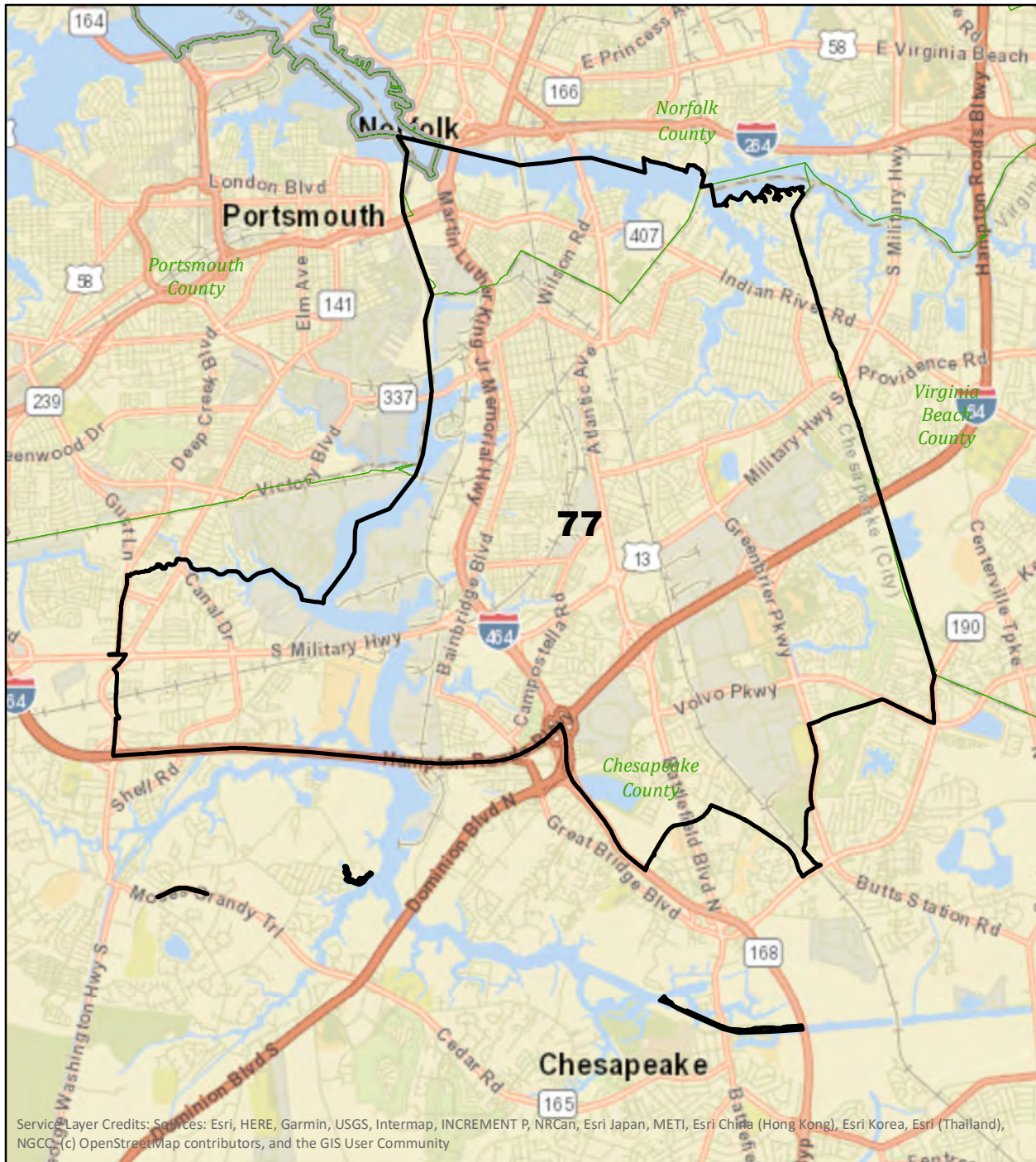
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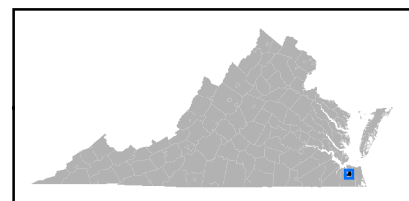
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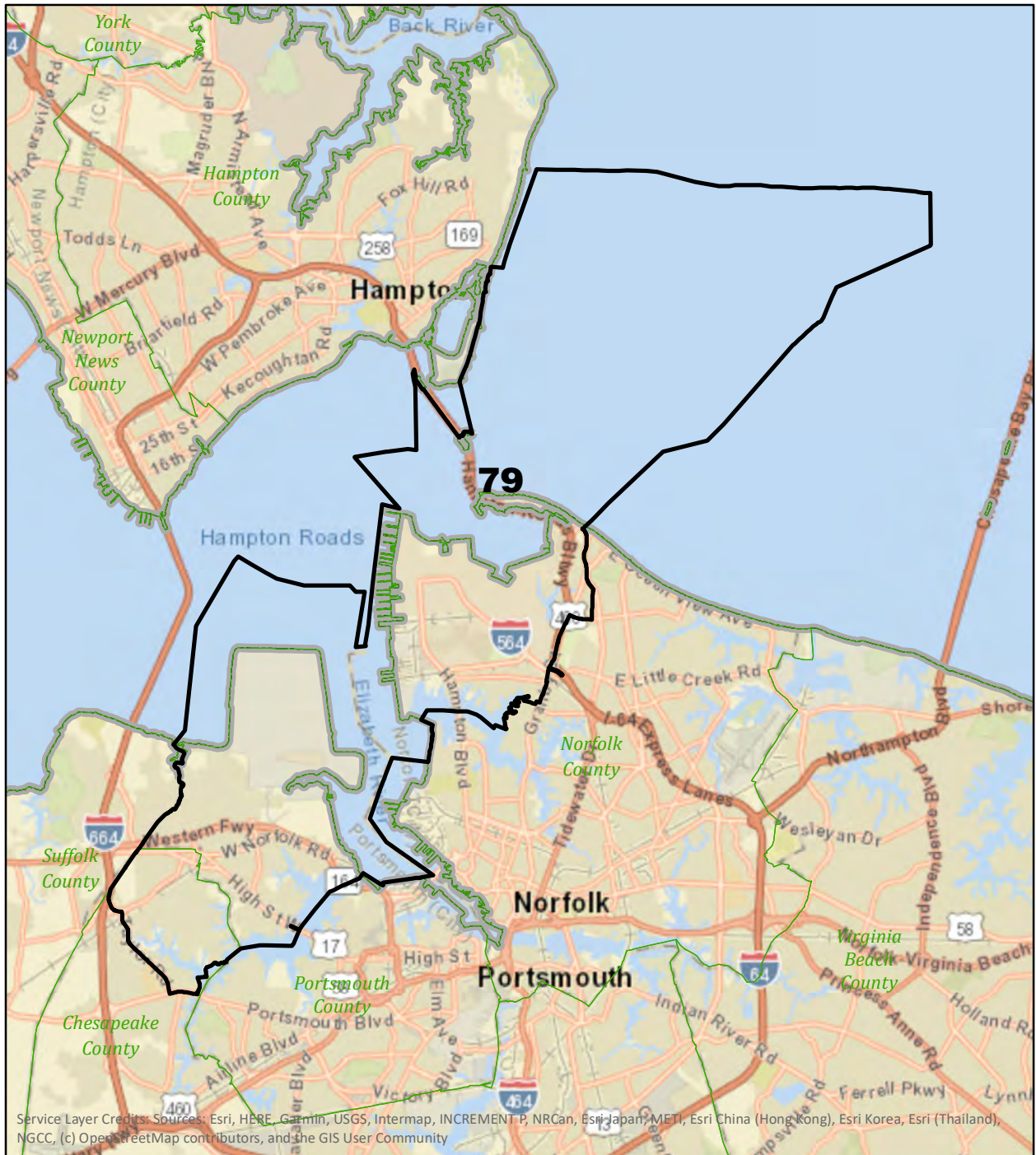
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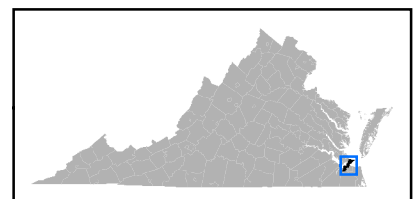
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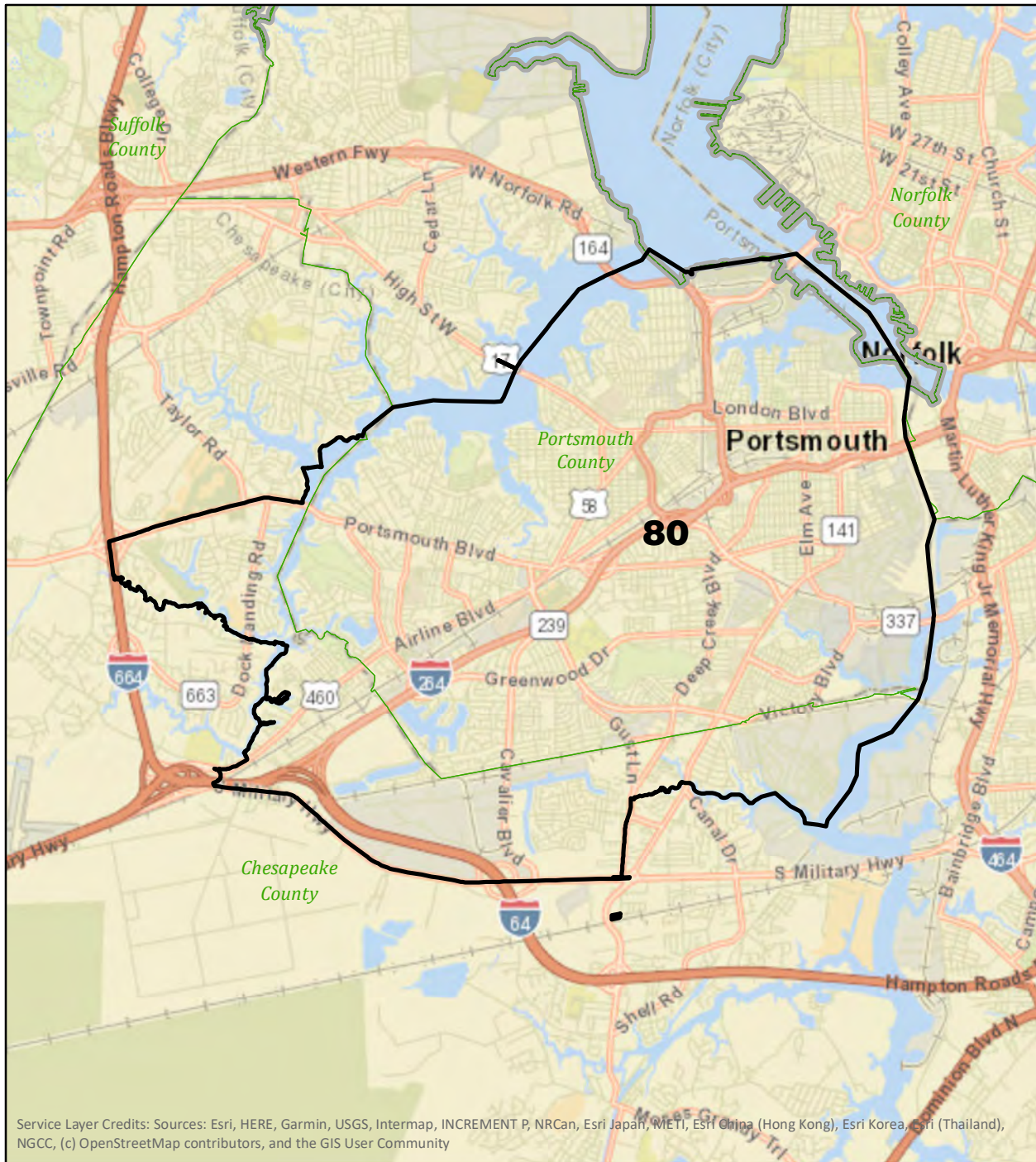
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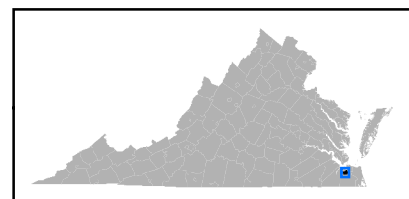
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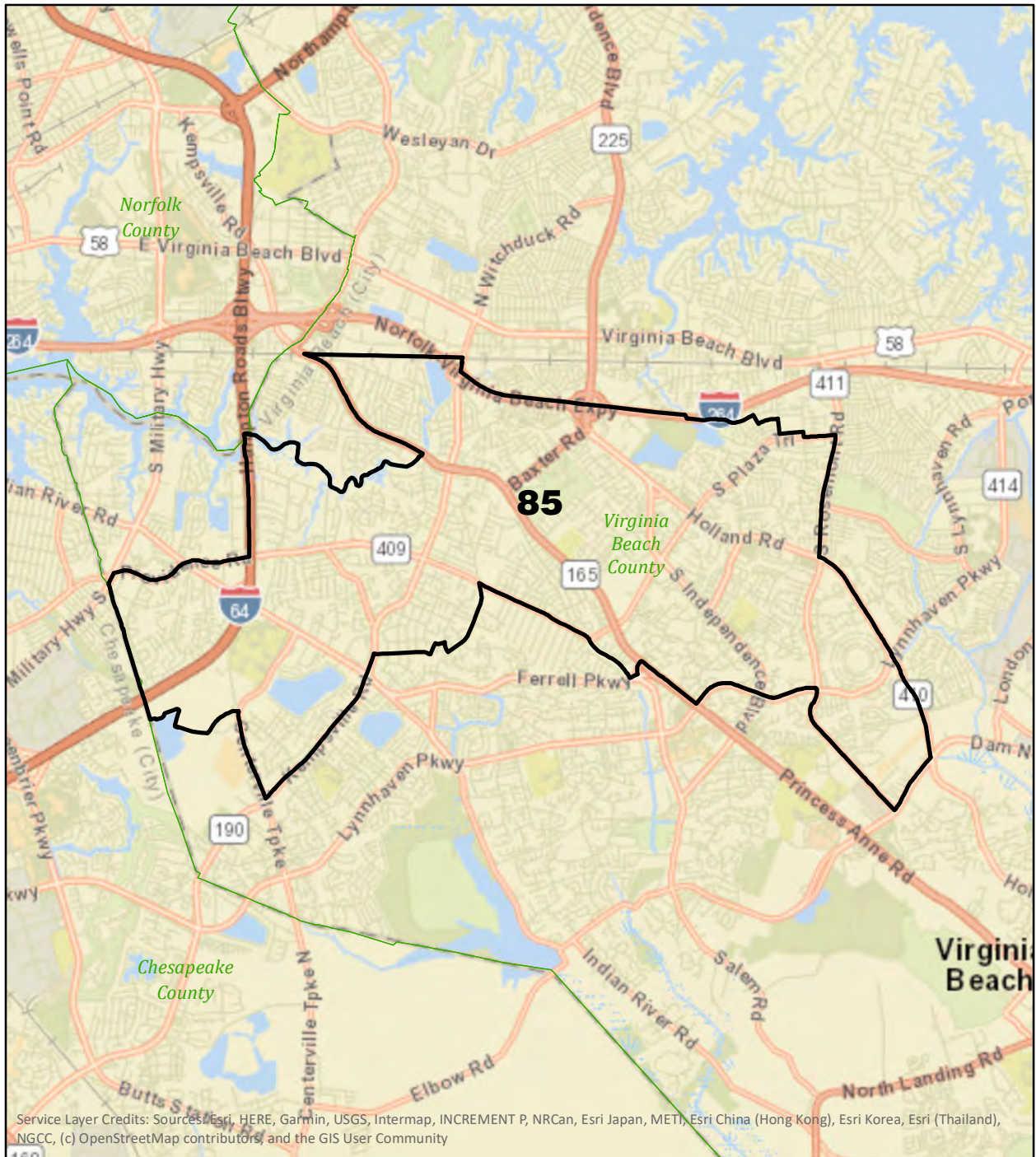
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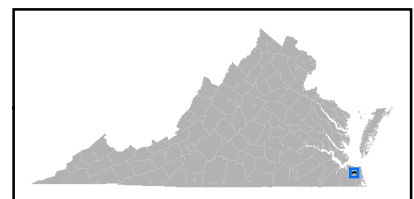
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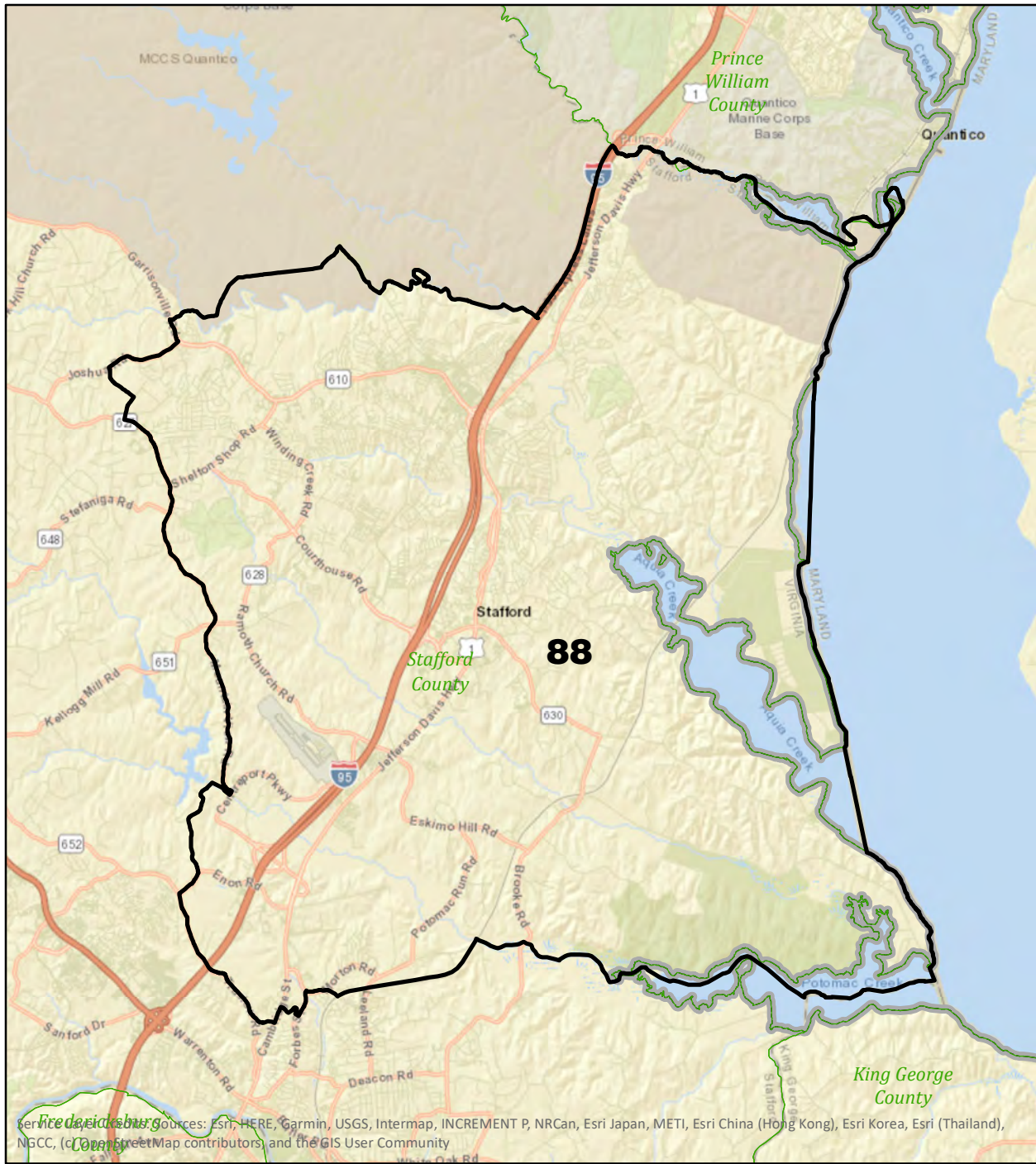
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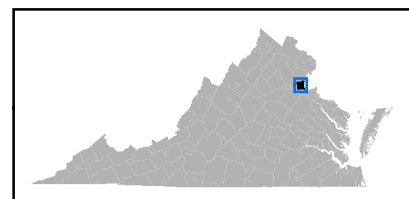
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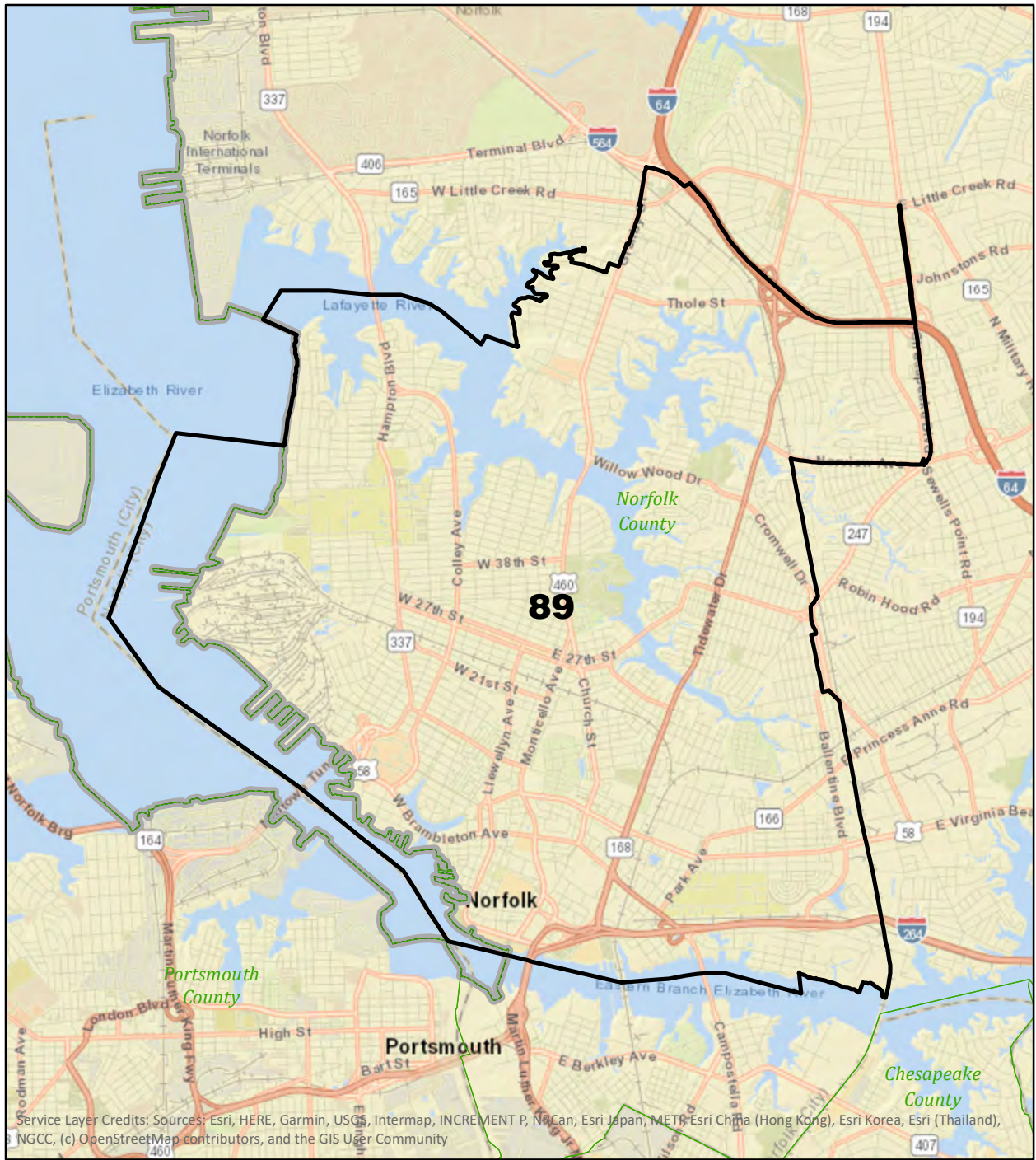
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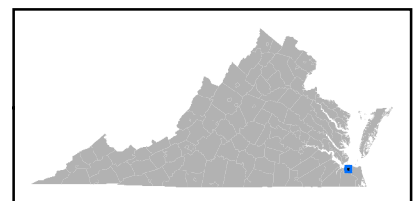
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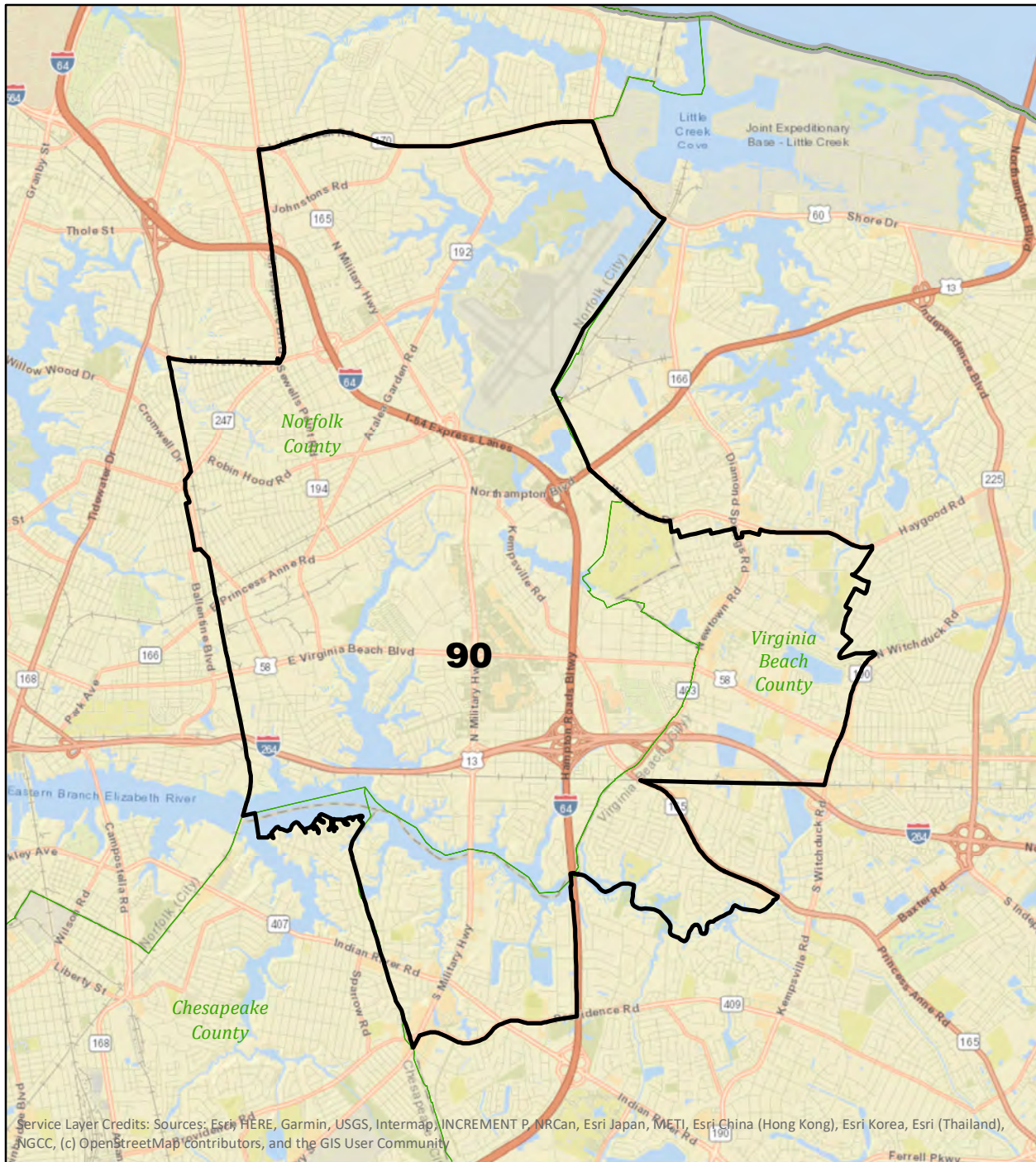
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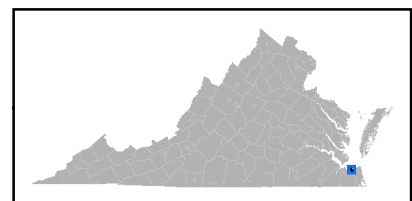
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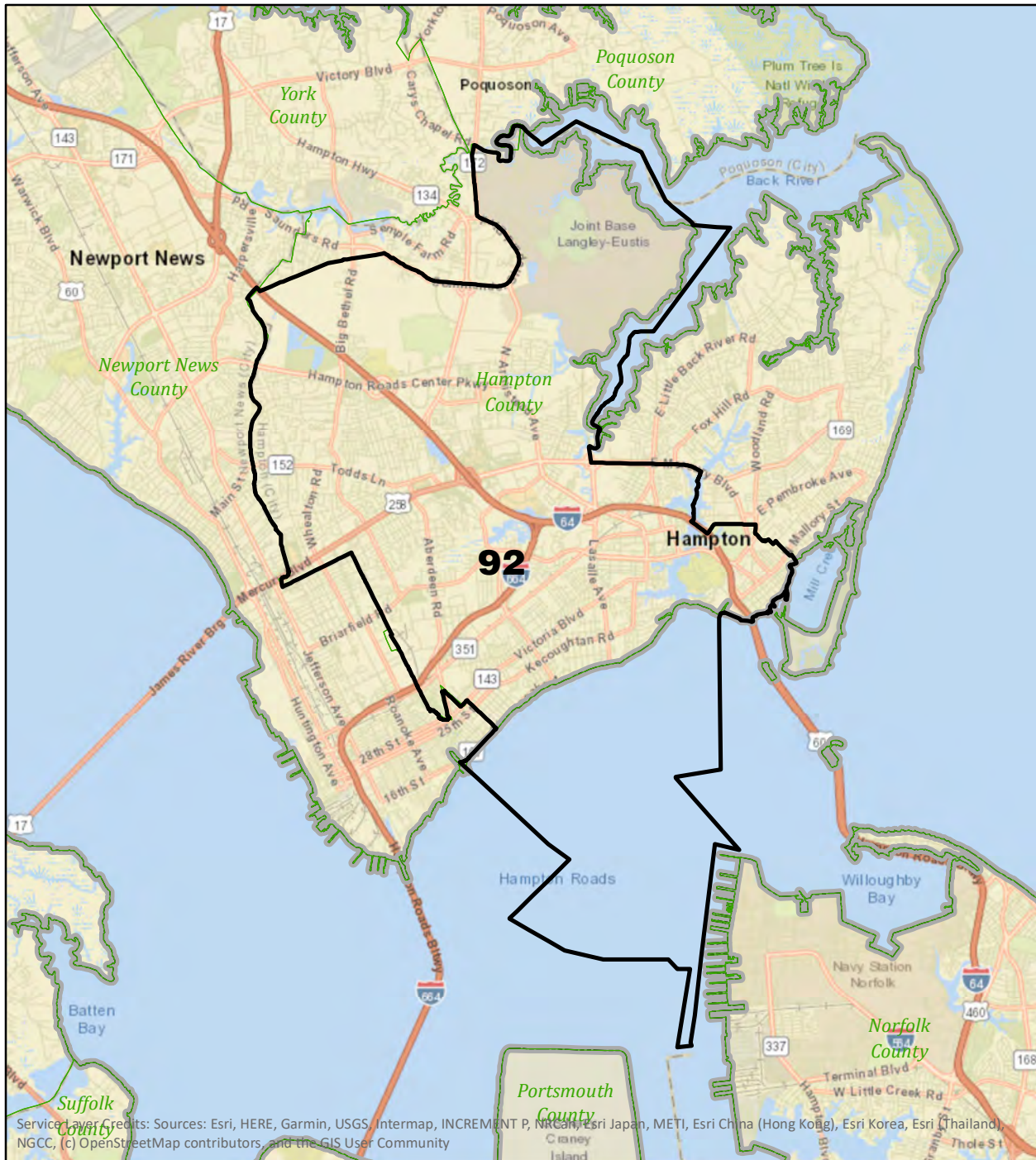
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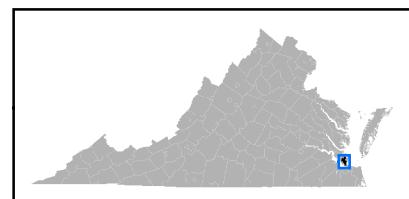
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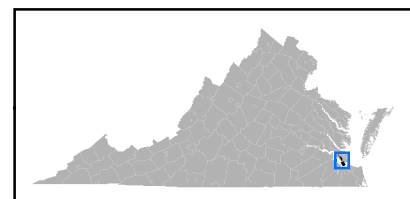
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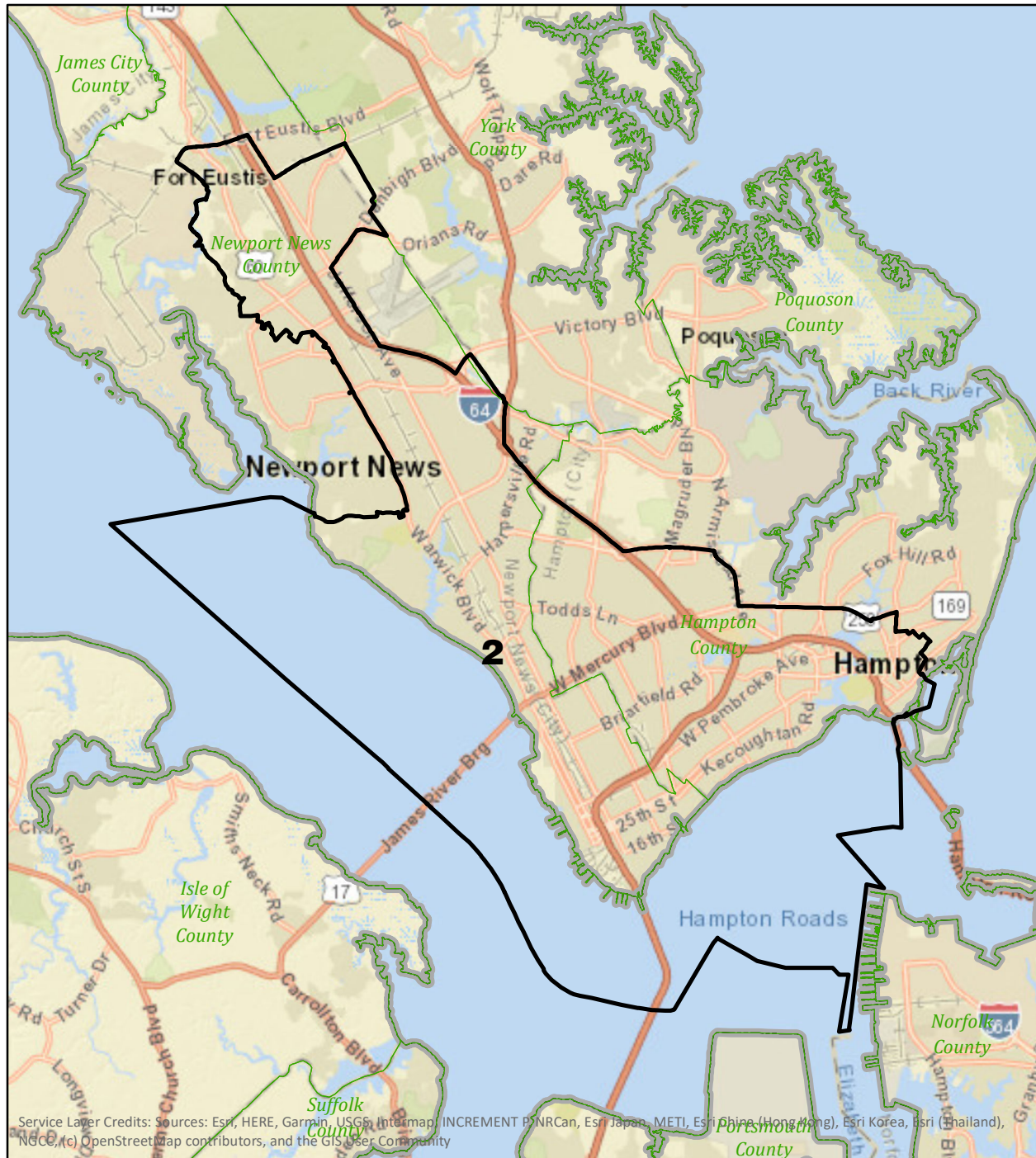


Appendix B

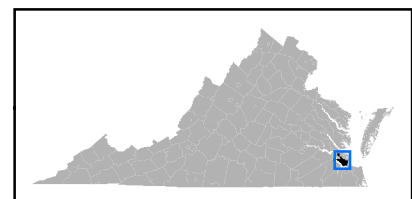
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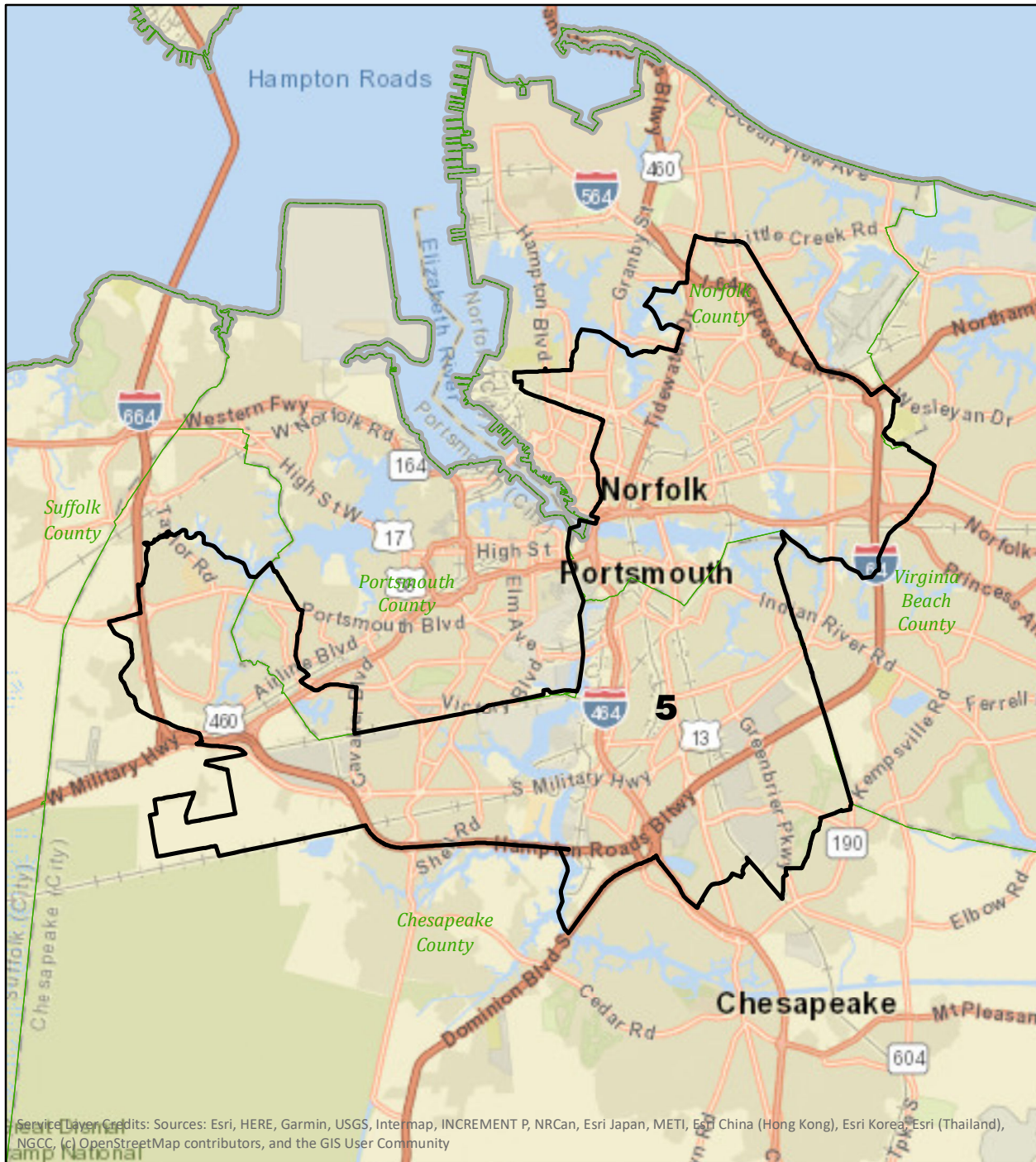
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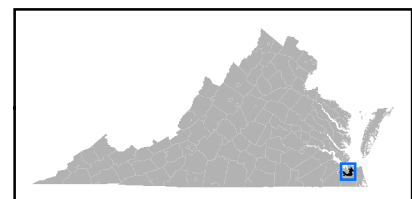


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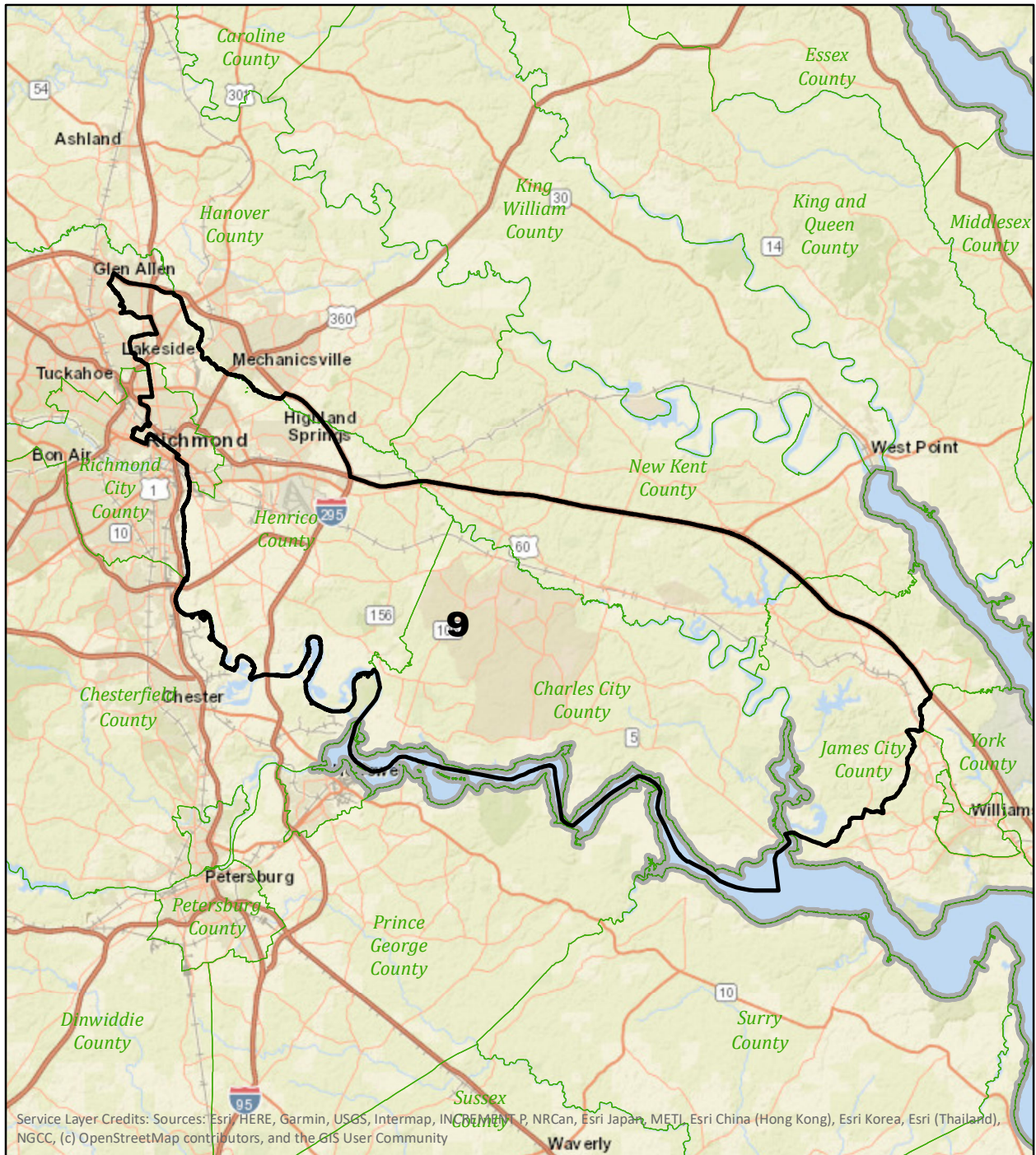




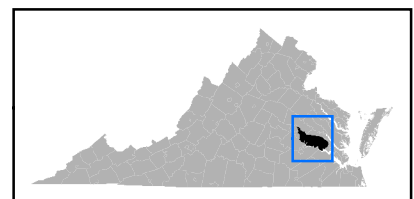
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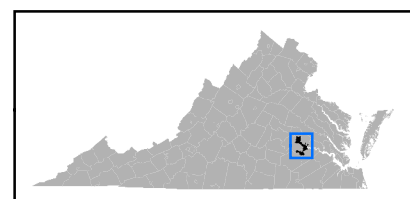
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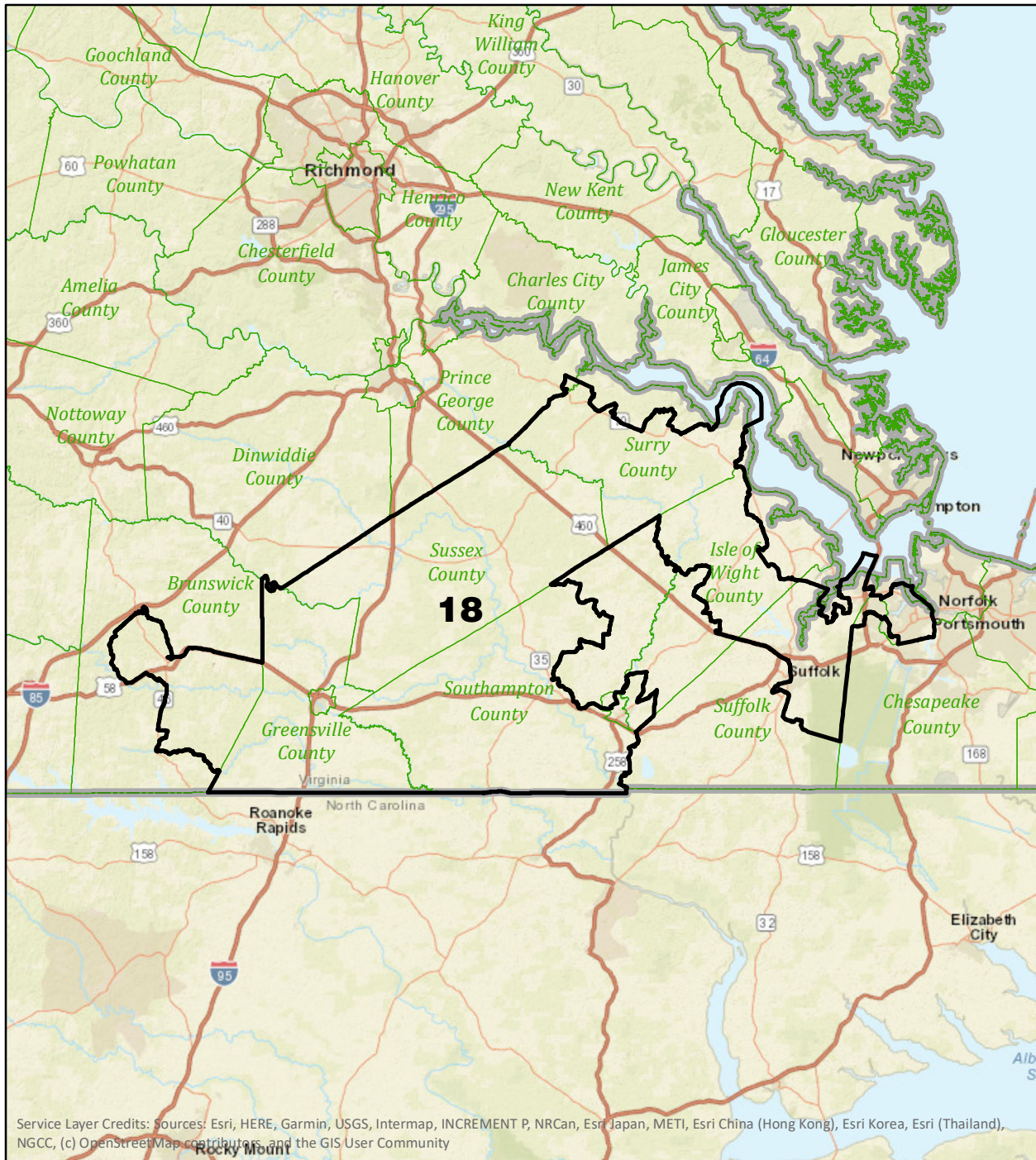
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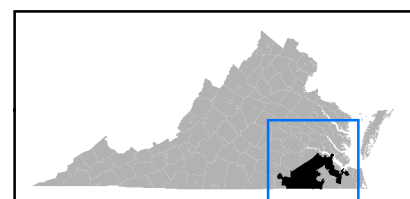
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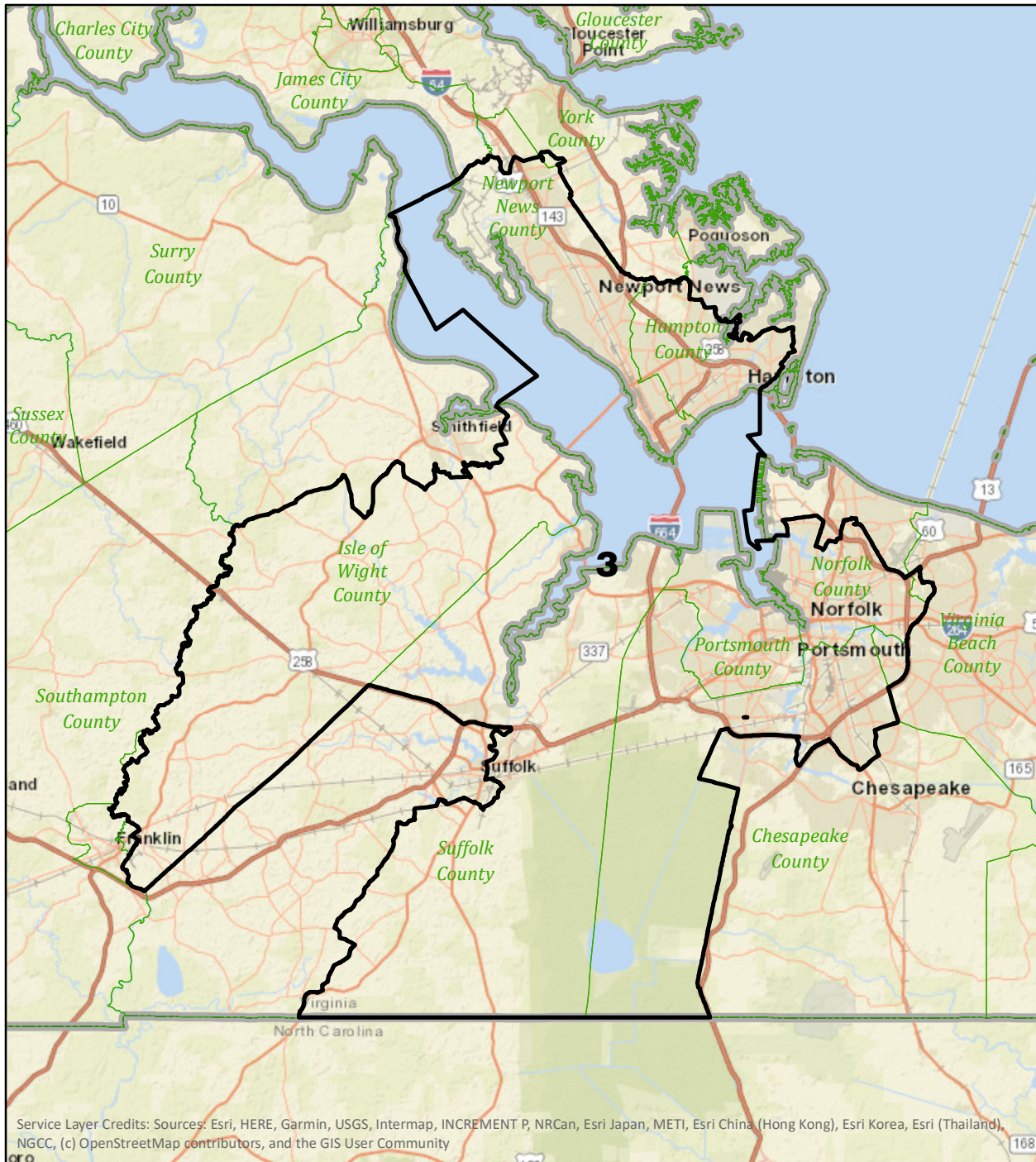


Appendix C

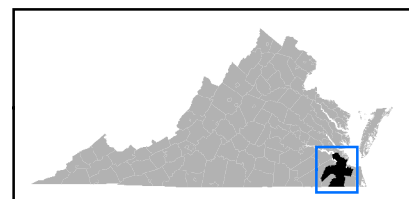
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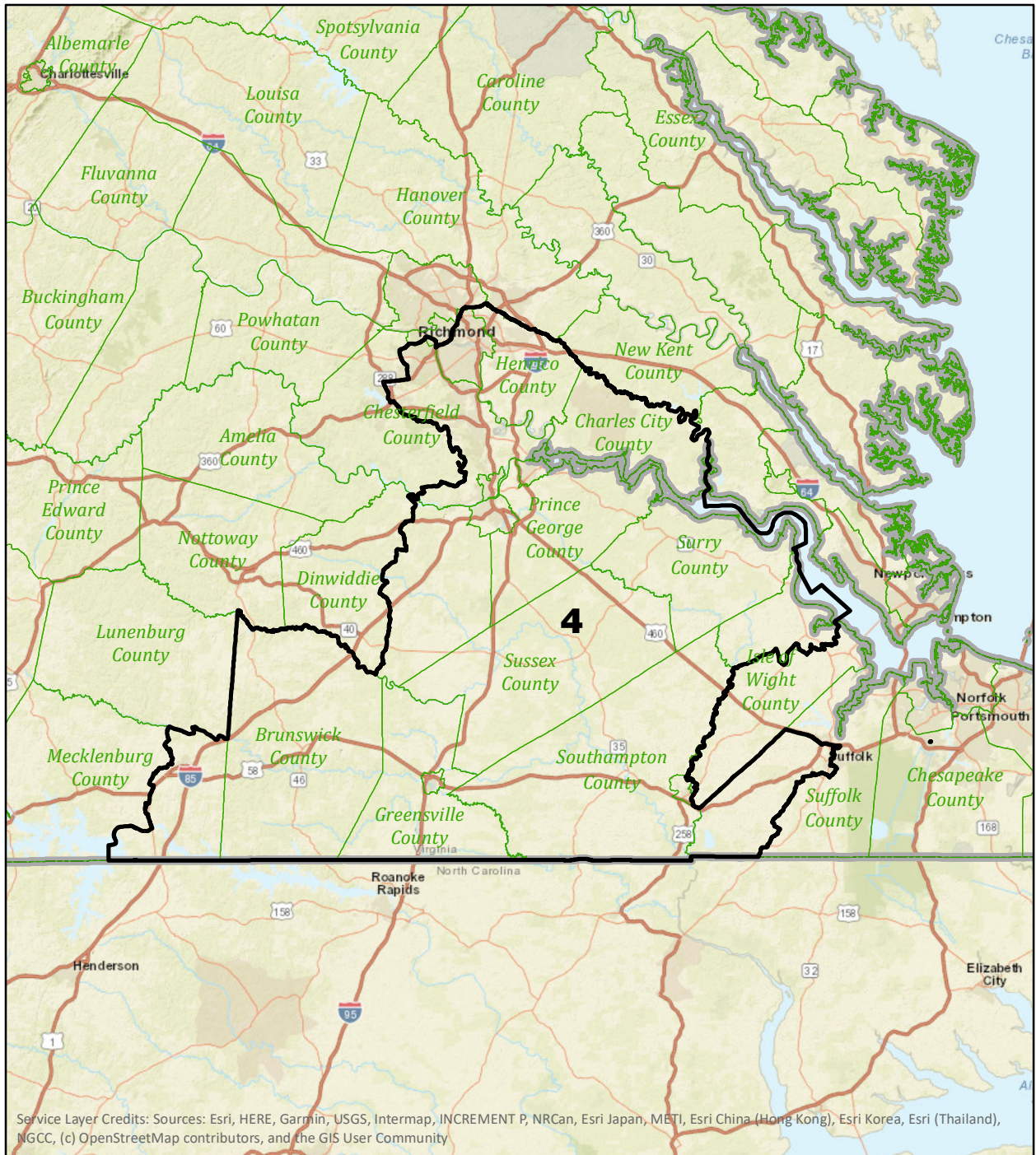
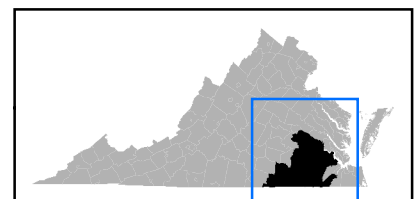
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Figure 1. Comparison of NAACP's and Special Masters' Proposed House of Delegates Districts in Hampton/Newport News area.

NAACP HD*	Deviation	BVAP %	Reock	Polsby Popper		SM HD	Deviation	BVAP %	Reock	Polsby Popper
92	3	55.84	0.38	0.28		87	1,202	56.57	0.35	0.30
95	-118	50.59	0.16	0.22		85	1,515	44.48	0.28	0.32

* NAACP HDs use the same district numbers as the existing HDs, which form the core of those districts.

Figure 2. Comparison of NAACP's and Special Masters' Proposed House of Delegates Districts in Norfolk/Portsmouth area.

NAACP HD*	Deviation	BVAP %	Reock	Polsby Popper		SM HD	Deviation	BVAP %	Reock	Polsby Popper
75	362	46.87	0.37	0.34		83	145	41.32	0.29	0.26
76	-96	44.29	0.43	0.26		84	1,310	41.03	0.24	0.18
						89	390	28.65	0.30	0.24
77	172	43.32	0.51	0.39		91	762	45.86	0.25	0.16
79	23	31.81	0.24	0.24		88	57	48.93	0.45	0.41
						92	-156	49.04	0.36	0.28
						94	-1,661	21.05	0.30	0.40
80	260	53.02	0.6	0.46		88	57	48.93	0.45	0.41
85	-69	24.56	0.53	0.33		95	-1,990	31.47	0.40	0.31
89	-264	44.31	0.55	0.41		92	-156	49.04	0.36	0.28
90	161	41.37	0.53	0.34		93	-408	45.85	0.47	0.29

* NAACP HDs use the same district numbers as the existing HDs, which form the core of those districts.

Figure 3. Comparison of NAACP's and Special Masters' Proposed House of Delegates Districts in Richmond/Petersburg area.

NAACP HD*	Deviation	BVAP %	Reock	Polsby Popper		SM HD	Deviation	BVAP %	Reock	Polsby Popper
63	-81	50.31	0.48	0.24		82	-302	45.51	0.21	0.20
70	159	50.24	0.29	0.16		81	-1,596	47.91	0.30	0.22
71	77	44.54	0.35	0.27		79	1,486	57.70	0.31	0.23
74	-248	54.63	0.19	0.2		80	-621	46.84	0.26	0.22

* NAACP HDs use the same district numbers as the existing HDs, which form the core of those districts.

Figure 4. Comparison of NAACP's and Special Masters' Proposed House of Delegates Districts in Fredericksburg area.

NAACP HD*	Deviation	BVAP %	Reock	Polsby Popper		SM HD	Deviation	BVAP %	Reock	Polsby Popper
28	440	21.89	0.14	0.24		65	825	17.26	0.46	0.27

* NAACP HDs use the same district numbers as the existing HDs, which form the core of those districts.

Figure 5. Comparison of NAACP's and Special Masters' Proposed House of Delegates Districts in Dale City/Quantico area.

NAACP HD*	Deviation	BVAP %	Reock	Polsby Popper		SM HD	Deviation	BVAP %	Reock	Polsby Popper
2	-366	25.39	0.36	0.17		23	-1,594	33.08	0.29	0.22
51	-113	22.82	0.25	0.24		22	-2,044	10.15	0.41	0.24
						25	895	21.78	0.32	0.24
52	171	34.25	0.62	0.51		24	-1,380	22.99	0.36	0.32

* NAACP HDs use the same district numbers as the existing HDs, which form the core of those districts.

Figure 6. Comparison of NAACP's and Special Masters' Proposed House of Delegates Districts in Northern Virginia.

NAACP HD*	Deviation	BVAP %	Reock	Polsby Popper		SM HD	Deviation	BVAP %	Reock	Polsby Popper
43	-155	24.46	0.44	0.22		16	-106	15.27	0.60	0.34
						17	163	20.52	0.40	0.34
46	-164	28.38	0.4	0.31		4	-698	27.77	0.59	0.43
						5	512	12.30	0.48	0.43
49	87	15.66	0.38	0.41		3	573	13.47	0.33	0.42

* NAACP HDs use the same district numbers as the existing HDs, which form the core of those districts.

Figure 7. Comparison of NAACP's and Special Masters' Proposed State Senate Districts in Southside/Richmond area.

NAACP SD*	Deviation	BVAP %	Reock	Polsby Popper		SM SD	Deviation	BVAP %	Reock	Polsby Popper
9	53	50.28	0.30	0.27		13	-2,162	48.37	0.50	0.29
						14	3,544	37.97	0.32	0.22
16	44	53.13	0.27	0.09		13	-2,162	48.37	0.50	0.29
						15	4,414	36.73	0.31	0.17

* NAACP SDs use the same district numbers as the existing SDs, which form the core of those districts.

Figure 8. Comparison of NAACP's and Special Masters' Proposed State Senate Districts in Hampton Roads area.

NAACP SD*	Deviation	BVAP %	Reock	Polsby Popper		SM SD	Deviation	BVAP %	Reock	Polsby Popper
2	-131	51.22	0.29	0.25		23	-215	47.57	0.36	0.35
5	-244	53.63	0.39	0.18		18	-2,690	42.59	0.44	0.42
18	185	53.54	0.29	0.13		17	939	40.31	0.28	0.25
						21	-1,577	40.55	0.55	0.54

* NAACP SDs use the same district numbers as the existing SDs, which form the core of those districts.

Figure 9. Comparison of NAACP's and Special Masters' Proposed Congressional Districts in Hampton Roads area.

NAACP CD*	Deviation	BVAP %	Reock	Polsby Popper		SM CD	Deviation	BVAP %	Reock	Polsby Popper
3	-2	45.32	0.40	0.21		3	-319	42.11	0.43	0.34
4	0	40.88	0.52	0.17		4	-306	39.84	0.50	0.30

* NAACP CDs use the same district numbers as the existing CDs, which form the core of those districts.

From: [Priscilla Burbank](#)
To: [Redistricting](#)
Subject: District 4 (and others)
Date: Friday, December 17, 2021 10:02:24 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

I live in Richmond (the city of) It seems ridiculous to chop[up the Richmond metro area, especially the western edge of Henrico County and the eastern portion of Goochland County, which have much more in common with Richmond than rural areas to the south of Richmond all the way to the North Carolina border. The same thing occurs in District 5, which includes parts of Chesterfield County, the residents of which consider themselves to be living in Richmond. Also District 5 goes all the way to the North Carolina border. The rural southern part of Virginia has more commonality with its counties than the cities of Charlottesville and Lynchburg.

Also, District 1 puts much of Henrico County (also residents of which consider themselves to live in Richmond) with rural counties along the Eastern Shore.

It would make much more sense to include Richmond and its surrounding counties as one district and possibly Colonial Heights and Petersburg as one district. The southern rural districts should be combined into far west, middle and eastern districts.

Thank you for your consideration.

From: [Barbara Nielsen](#)
To: [Redistricting](#)
Subject: Support Farkas Map - Oppose Special Masters Map
Date: Friday, December 17, 2021 10:36:31 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Greetings

I am writing to voice my support of the Farkas congressional redistricting map as opposed to the maps created by the Special Masters. While the Special Master map appears, at first glance, to eliminate gerrymandered districts, it decimates all 3 districts held by women, and does not keep communities of interest cohesive.

In contrast, the Farkas map retains the current congressional split, keeps communities of interest together, and protects minority interests, all while creating a near perfect population division.

Please consider and support the Farkas congressional redistricting map.

Thank you
Barbara Nielsen
15758 Mosaic Creek Blvd
Richmond VA 23238
Goochland County, VA

From: [Leslie Rubio](#)
To: [Redistricting](#)
Subject: Congressional Districts Map
Date: Friday, December 17, 2021 9:38:42 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Good Morning!

I am emailing to let you know that I am opposed to the proposed Congressional maps for Virginia. I request that you adopt the Farkas map instead.

I am a native of Virginia, and have voted in every election since I became eligible.

Respectfully,

--

Leslie Rubio
Activist/Advocate for Women
she/her
Commonwealth of Virginia Notary Public #7278454
(804) 484-9884

December 16, 2021

Ms. Muriel-Theresa Pitney
Clerk of Court
Supreme Court of Virginia
100 N. 9th St, 5th Floor
Richmond, VA 23219

Dear Ms. Pitney:

On November 13, 2020, Sean Trende declared that application of “modest redistricting, combined with the demands of reapportionment, are likely to lead” Virginia to “no change” in its 7-4 party affiliation split among its congressional delegation, absent “aggressive gerrymander[ing].”¹ One year later, this Court tasked Mr. Trende with redrawing Virginia’s congressional map upon his promise to apply fair and neutral redistricting principles.² This Court now has before it a map that the Special Masters claim produces a “6-5” party affiliation split, in which “Republicans could win a majority of the seats in Virginia’s delegation” some years.³ Thus, upon the advice of Mr. Trende himself, this Court should view this map with some skepticism. By employing strict adherence to modest, traditional redistricting principles, this Court should reject the Special Masters’ congressional map—and any aggressive gerrymander—that causes this unpredictable shift.

The memorandum accompanying the court-appointed Special Masters’ congressional map released on December 8 (the “December 8 Map”) is confounding. Over 55 pages, the Special Masters endeavor to paint a picture of maps drawn in a mindful and rigorous manner. Yet, upon engaging with the content, the vague reference to the constitutional principles that should dominate this court-ordered redistricting process gives way to a haphazard, unprincipled process that is unmoored from the history, tradition, and communities that form the Commonwealth. Indeed, the Special Masters’ first point of order as they write to assure this Court and Virginians that they have performed their duty well is to declare that their “prime directive for drawing these maps comes *not* from the constitutional or statutory provisions described by this Court,” but from the need to “behave in an apolitical and nonpartisan manner.”⁴ It seems the Special Masters have misunderstood the purpose of their work, as appearances of bipartisanship are not a defense to unconstitutional maps.

The December 8 Map falls short on numerous traditional redistricting principles, even failing to achieve the population equality that is the singular driving force behind this entire decennial process.

¹ Sean Trende, *Part 2: What Redrawn House Maps Could Mean in 2023*, Real Clear Politics (Nov. 13, 2020), https://www.realclearpolitics.com/articles/2020/11/13/part_2_what_redrawn_house_maps_could_mean_in_2023_144651.html.

² See Nov. 19, 2021 Redistricting Appointment Order at 1.

³ December 7, 2021 Memo from Bernard Grofman, Ph.D. and Sean Trende to the Chief Justice and Justices of the Supreme Court of Virginia re Redistricting Maps (“Memo”) at 18-19.

⁴ Memo at 2 (emphasis added).

Worse, it does so to the detriment of minority populations, which constituted the whole of Virginia’s population growth over the last decade, and to the detriment of Virginia’s close-knit communities, which it dices and divides with a complete lack of precision. As the Special Masters are no doubt aware, the currently existing congressional map is the result of a years-long litigation dedicated to ensuring fair representation for certain of Virginia’s minority communities while adhering to federal and state legal requirements. Rather than use this court-approved map as a starting point and building upon the redistricting principles it embodied, the Special Masters chose to start from scratch. While the December 8 Map may be, in the Special Masters’ words, a “true joint effort,” it departs significantly from the lessons learned by the Commonwealth and its leaders in the last decade. If adopted, the December 8 Map would likely suffer from the same fate as its 2011 predecessor—years of tumult in the courts.

Our client has a vested interest in avoiding such an outcome. We represent James Farkas, a Virginia voter who successfully challenged the General Assembly’s unconstitutional racial gerrymander of the congressional map following the last census. The federal court reviewing Mr. Farkas’s challenge found that the Virginia General Assembly unjustifiably packed Black voters in Congressional District 3, thereby diluting their voting strength elsewhere in the Commonwealth. As a plaintiff to that litigation, Mr. Farkas now seeks to ensure that the principles behind the federal court’s ruling are preserved—and the errors underlying the General Assembly’s 2011 congressional plan are not replicated—in the redistricting that is now taking place before this Court.

In light of the December 8 Map’s failures, and pursuant to Virginia law and this Court’s rules inviting public participation in the Court’s redistricting deliberations,⁵ we submit the attached congressional map (the “Farkas Map”) on behalf of our client for consideration by the Supreme Court of Virginia and its Special Masters.⁶ The Farkas Map satisfies all applicable provisions of federal and Virginia law. Importantly, it achieves strict population equality, preserves communities of interest, and ensures that the voting strength of Virginia’s growing racial and ethnic minority population is not diluted. We strongly encourage the Special Masters and this Court to adopt the Farkas Map for Virginia’s congressional districts.

I. Background

A. The Virginia General Assembly enacted an unlawful congressional plan in 2011.

During the one hundred years following Reconstruction, Virginia did not elect a single Black representative to Congress.⁷ That changed in 1992, when the U.S. Department of Justice, acting under the power of the federal Voting Rights Act, directed the Virginia General Assembly to draw a

⁵ Va. Code Ann. § 30-399(C) (2020); Sup. Ct. of Va., *Rules and Procedures for Implementing the Requirements of Article II, Section 6-A of the Constitution of Virginia*, R4(a) (Feb. 23, 2021), https://www.vacourts.gov/courts/scv/article_2_section_6a_rules_procedures.pdf.

⁶ Images of the Farkas Map are included in-line in this submission as well as in the attached Appendix. Several mapping files for the Farkas Map have been submitted to the Court alongside this submission, in a .zip file labeled “Farkas Map Mapping Files.”

⁷ David Wasserman, *Is it Time to Rethink Hyper-Minority Districts?*, The Atlantic (Sept. 20, 2021), <https://www.theatlantic.com/politics/archive/2021/09/it-time-rethink-hyper-minority-districts/620118/>.

congressional district that provided Black voters an opportunity to elect a representative of their choice.⁸ As a result, District 3 was drawn as a majority-Black district in 1992 and voters in that district elected Representative Bobby Scott to Congress that same year. Representative Scott has represented District 3 continuously since then. He was the only Black member in Virginia’s congressional delegation from 1992 through 2016.

Over time, what began with the Department of Justice’s important effort to ensure that Black voters in Virginia were represented in Congress turned into the Virginia General Assembly packing Black voters into one congressional district, diluting their voting strength elsewhere in the Commonwealth. Although Black voters in District 3 had consistently elected their representative of choice by significant margins, ranging from 69 percent to 97 percent of the vote, the Republican-controlled General Assembly *raised* the Black voting age population (“BVAP”) of District 3—from 53.1 percent to 56.3 percent—following the 2010 Census.⁹ To do so, the General Assembly moved “predominantly white” populations out of District 3 and moved “predominantly African-American” voters into the district.¹⁰

Along with other residents of District 3, Mr. Farkas brought a lawsuit in federal court, arguing that the district was an unconstitutional racial gerrymander. In 2014, the majority of a three-judge panel agreed, finding that the General Assembly had violated the U.S. Constitution by unjustifiably packing Black voters into District 3.¹¹ The court concluded, based on direct and circumstantial evidence, that “race was the predominant factor” in drawing District 3, as mapdrawers sought to ensure the district’s BVAP exceeded 55 percent.¹² Upon reconsideration, the court again declared the General Assembly’s plan unconstitutional¹³ and appointed Dr. Bernard Grofman as a special master to advise the court on the appropriate redistricting remedy.¹⁴ In 66 pages analyzing two map configurations, Dr. Grofman explained the considerations that went into his map-drawing and why his proposed maps addressed the court’s concerns,¹⁵ including that his “concern[] for contiguity and the avoidance of unnecessary splitting of existing political subunit boundaries, and [his] attention to compactness” led to a heavily minority District

⁸ Va. Pub. Access Project, *3rd District, A Brief History* (Sept. 1, 2015), <https://www.vpap.org/updates/1996-3rd-district-brief-history/>.

⁹ *Page v. Va. State Bd. of Elections*, 58 F. Supp. 3d 533, 539 (E.D. Va. 2014), *vacated sub nom. Cantor v. Personhuballah*, 575 U.S. 931 (2015) (vacating for reconsideration in light of *Ala. Legis. Black Caucus v. Alabama*, 575 U.S. 254 (2015)); Ballotpedia, *Virginia’s 3rd Congressional District*, (last visited Nov. 6, 2021), https://ballotpedia.org/Virginia%27s_3rd_Congressional_District; Ballotpedia, *Bobby Scott (Virginia)*, (last visited Nov. 6, 2021), [https://ballotpedia.org/Bobby_Scott_\(Virginia\)](https://ballotpedia.org/Bobby_Scott_(Virginia)).

¹⁰ *Page*, 58 F. Supp. 3d at 547.

¹¹ *Id.* at 536.

¹² *Id.* at 541-50. The General Assembly used this same 55 percent target when drawing districts for Virginia’s House of Delegates following the 2010 census. A different panel of three federal judges struck down several of those districts as unconstitutional racial gerrymanders in 2018. *See Bethune-Hill v. Va. State Bd. of Elections*, 326 F. Supp. 3d 128, 180-81 (E.D. Va. 2018). The U.S. Supreme Court later dismissed an appeal of this decision, leaving the panel’s ruling intact. *Va. H.D. v. Bethune-Hill*, 139 S. Ct. 1945, 1956 (2019).

¹³ *Page v. Va. State Bd. of Elections*, No. 3:13cv678, 2015 WL 3604029, at *18 (E.D. Va. June 5, 2015). Republican members of the Virginia congressional delegation appealed the decision to the U.S. Supreme Court, but the Court rejected the appeal and left the panel’s decision intact. *Wittman v. Personhuballah*, 136 S. Ct. 1732, 1736-37 (2016).

¹⁴ *See* Letter to Couns. of R. from the Ct., *Personhuballah v. Alcorn*, 155 F. Supp. 3d 552 (E.D. Va. 2016) (No. 3:13-cv-00678-REP-LO-AD), ECF No. 236 (“*Personhuballah* Letter”).

¹⁵ *See* Rep. of the Spec. Master, *Personhuballah*, 155 F. Supp. 3d 552, ECF No. 272 (“*Personhuballah* Rep.”).

3 that did not reflect “in any way a predominant concern for race,” but rather “naturally reflect[ed] the underlying demography of the state”¹⁶ Critically, Dr. Grofman explained that when the new District 3 was drawn in accordance with *traditional districting principles alone*, rather than predominantly focusing on race, a substantial minority population in District 4 arose “virtually automatically.”¹⁷

In adopting one of Dr. Grofman’s maps, the court credited his approach to drawing the districts, concluding that Dr. Grofman was “guided by the neutral goals of compactness, contiguity, and avoiding unnecessary city or county splits, rather than any racial considerations.”¹⁸ The court explained that Dr. Grofman’s plan accorded with the principles of Section 2 of the federal Voting Rights Act because Black voters would not be deprived of the opportunity to elect their candidates of choice in either District 3 or District 4.¹⁹ The final, court-adopted plan lowered District 3’s BVAP to approximately 45 percent and increased District 4’s BVAP to about 41 percent.²⁰ Each of these BVAP percentages has proven more than sufficient for the Black communities in those districts to elect the candidates of their choice, in coalition with others. Indeed, during the 2016 election, the newly redrawn District 4 elected its first Black member, Representative Donald McEachin, while the newly redrawn District 3 reelected Representative Scott. Both representatives were subsequently reelected in 2018 and 2020.

B. Virginia’s voters demand an end to gerrymandering with the 2020 constitutional amendment.

Following the unlawful and tumultuous redistricting process of the 2010 cycle, voters successfully placed a proposed amendment to the Virginia Constitution on the 2020 general election ballot, known as the Virginia Redistricting Commission Amendment (the “Amendment”). The Amendment sought to establish a new redistricting commission comprised of 16 members from across the political spectrum, including non-partisan citizens. The Amendment garnered overwhelming support, with almost 66 percent of the electorate voting in favor of adoption.²¹ Nearly every Virginia county showed majority support for the Amendment.²² The results demonstrated the intent of the majority of Virginians to ensure that the General Assembly’s mapping manipulations that resulted in two unconstitutional redistricting maps last cycle would not be repeated.

C. The 2020 Census results reveal significant minority population growth.

The 2020 Census results reveal that Virginia’s population has grown significantly in both number and diversity. Virginia has experienced a nearly 8 percent increase in population over the past decade, adding more than 630,000 people. The majority of these gains are attributable to Virginia’s racial and ethnic minority populations: the minority population increased by more than 7 percent since 2010, while

¹⁶ *Id.* at 15.

¹⁷ *Id.* at 15-16.

¹⁸ *Personhuballah v. Alcorn*, 155 F. Supp. 3d 552, 562 (E.D. Va. 2016).

¹⁹ *Id.* at 565.

²⁰ *Id.*

²¹ Daniella Cheslow, *Virginia Voters Approve Redistricting Amendment Against Pleas From Democratic Leadership*, WAMU 88.5 (Nov. 4, 2020), <https://wamu.org/story/20/11/04/virginia-voters-approve-redistricting-amendment-against-please-from-democratic-leadership/>.

²² Virginia Dep’t of Elections, *2020 November General Election Referendum Results* (Jan. 21, 2021, 3:02 PM), <https://results.elections.virginia.gov/vaelections/2020%20November%20General/Site/Referendums.html> (last visited Nov. 24, 2021).

the Commonwealth's white population *decreased* by 5.1 percent during that same time period.²³ Notably, Virginia's Black population, which is largely concentrated in the southeastern and northern portions of the Commonwealth, outpaced the general population growth rate, increasing by 8.9 percent to now account for 20.9 percent of the Commonwealth's population.²⁴

D. The Commission fails to adopt a map, triggering this Court's duty to redistrict.

After the selection of members in the fall of 2020, the Virginia Redistricting Commission began meeting in early 2021. It held 38 meetings in Richmond and 16 public hearings across the state during which it considered public comment and proposed maps.²⁵ Unfortunately, however, the Commission deadlocked during its final meetings in September and October and found itself unable to agree on either the process of drawing new redistricting plans or the substance of those plans.²⁶ Without hope of bridging the impasse, the Commission disbanded without proposing maps for the General Assembly's consideration. The Commission's inaction triggered a constitutional failsafe by sending the task of drawing maps directly to this Court.²⁷

E. The Court's Special Masters produce a map that fails to comply with the law.

On November 19, 2021, this Court selected two Special Masters, Dr. Bernard Grofman and Sean Trende, to assist in its mapdrawing duty, directing the Special Masters to work together to produce legally compliant maps within 30 days.²⁸ Less than three weeks later, the Special Masters produced a draft congressional map—the December 8 Map—for the Court's and the public's consideration. Unfortunately, the December 8 Map violates governing legal and traditional redistricting principles.

i. The December 8 Map fails to achieve population equality while fully abandoning a modest change approach.

The most apparent—and entirely unnecessary—violation is the December 8 Map's failure to equally apportion Virginia's population across the 11 congressional districts. Remarkably, it misses this baseline mark while not making any attempt to preserve current districts through modest adjustments.

²³ Adriana Rezal, *States With the Biggest Increases in Racial Diversity*, U.S. News & World Report (Nov. 8, 2021), <https://www.usnews.com/news/best-states/articles/2021-11-08/these-states-saw-the-biggest-shifts-in-racial-diversity>.

²⁴ Staff of America Counts: Stories Behind the Numbers, *Virginia Adds More Than 600,000 People Since 2010*, U.S. Census Bureau: Va.: 2020 Census (Aug. 25, 2021), <https://www.census.gov/library/stories/state-by-state/virginia-population-change-between-census-decade.html>.

²⁵ MyDistricting Virginia, *Meetings and Public Hearings*, Va. Redistricting Comm'n, <https://www.virginiaredistricting.org/PageReader.aspx?page=Hearings> (last visited Nov. 23, 2021).

²⁶ Andrew Cain, *'This isn't working': Virginia's redistricting commission near failure on congressional map*, Richmond Times-Dispatch (Oct. 20, 2021), https://richmond.com/news/state-and-regional/govt-and-politics/this-isnt-working-virginias-redistricting-commission-near-failure-on-congressional-map/article_fb041792-94d9-57ea-bee3-a057e85d49be.html.

²⁷ Va. Const., art. II, § 6-A(g) ("If the Commission fails to submit a plan for districts by the deadline set forth in subsection (d), the Commission shall have fourteen days following its initial failure to submit a plan to the General Assembly. If the Commission fails to submit a plan for districts to the General Assembly by this deadline, the districts shall be established by the Supreme Court of Virginia.").

²⁸ See Nov. 19, 2021 Redistricting Appointment Order, at 2.

When tasked with drawing maps, courts often employ a “least-change” approach, minimizing their impact on the lines drawn by concordant branches of government or affirmed by previous courts.²⁹ The preparation of new maps, then, typically begins with an analysis of how the previous map can be updated to best reflect traditional redistricting principles and population equality.³⁰ This is particularly important when the previous map—or some portion thereof—has gone through judicial review, as is the case here.³¹ Eschewing this principle entirely, the December 8 Map abandons the meticulous review of courts past in favor of a brazen reimagination that is both unfamiliar with and detached from the communities that will live under this congressional plan for a decade to come.

ii. The December 8 Map appears to impermissibly use race as a predominant factor.

In disregarding the judicial history of Virginia’s maps, the Special Masters fail to integrate the lessons learned with respect to constructing legally compliant districts that do *not* use race as a predominant factor and still permit Virginia’s heavily minority districts to elect candidates of their choice in coalition with others. The Special Masters strenuously insist in their memorandum that they “simply drew districts without race as the predominant interest . . . by drawing districts that comply with traditional good government districting criteria . . . and considered race only *after* we had drawn a map *fully* subject to the constraints of those factors.”³² But when explaining the process that the Special Masters followed to draw historically Black Districts 3 and 4, a different picture emerges.

The Special Masters report their process for drawing District 3 by starting with an overarching assertion that the “Hampton Roads area presently contains one district that consistently elects the candidate of choice of the African-American population.”³³ The Special Masters then assert that they drew the new district lines specifically to comprise “the four major cities in the Hampton Roads area,” without regard for the surrounding communities of interest.³⁴ Next, the Special Masters report that the new urban-concentrated District 3 that they have created “left few options for the 2nd District,” which now creates an odd ‘J’ shape to include portions of the military community, the Eastern Shore, and then clumsily wraps inland. Nonetheless, the Special Masters did not then re-examine their District 3 lines or

²⁹ *E.g.*, *Johnson v. Wis. Elections Comm’n*, -- N.W. 2d --, 2021 WL 5578395 at *14-16 (Nov. 30, 2021); *Wright v. City of Albany*, 306 F. Supp. 2d 1228, 1237 (M.D. Ga. 2003).

³⁰ *Stenger v. Kellett*, No. 4:11CV2230 TIA, 2012 WL 601017, at *3 (E.D. Mo. Feb. 23, 2012) (“A frequently used model in reapportioning districts is to begin with the current boundaries and change them as little as possible while making equal the population of the districts. This is called the ‘least change’ or ‘minimal change’ method, which assumes that if the current district map complied with the redistricting criteria during the previous census, then a new map will likely comply with only limited changes.”). *Martin v. Augusta-Richmond Cty., Ga., Comm’n*, No. CV 112-058, 2012 WL 2339499, at *3 (S.D. Ga. June 19, 2012) (“Keeping the minimum change doctrine in mind, the Court only made the changes it deemed necessary to guarantee substantial equality and to honor traditional redistricting concerns.”); *Below v. Gardner*, 148 N.H. 1, 963 A.2d 785, 794 (2002) (“[B]y using the existing senate districts, we are able to ensure, to the greatest extent practicable, that each senatorial district contains roughly the same constituents as the last validly enacted plan.”).

³¹ *Crumly v. Cobb Cty. Bd. of Elections & Voter Registration*, 892 F. Supp. 2d 1333, 1345 (N.D. Ga. 2012) (“In preparing the draft map, the Court began with the existing map drawn by Judge Carnes in 2002.”).

³² Memo at 5 (emphases added).

³³ *Id.* at 14.

³⁴ *Id.*

look to the prior court-approved map for guidance; rather they remained committed to a District 3 that pulled in as much urban population as possible.

Next, and more overtly, the Special Masters report that they proceeded to draw District 4 to purposefully increase the BVAP. Dr. Grofman found in 2016 that a constitutionally drawn District 3 would result “virtually automatically” in a substantial minority population in District 4.³⁵ And yet, the Special Masters now report that their initial lines for District 4, which aimed to create a “compact district that included only Richmond City and Henrico/Chesterfield counties,” left Black voters comprising “a little more than a third of the population.”³⁶ Without any further examination or explanation of voting trends across coalitions, and without regard to the court-approved existing District 4, the Special Masters simply drew the District anew, employing their own standard of “reasonably compact,” to divide Henrico and Chesterfield counties in a manner that inflated the BVAP by 15 percentage points to 45.3 percent.³⁷

The result of the Special Masters’ approach to Districts 3 and 4 leaves each with BVAP populations that exceed the percentages that have proved more than sufficient for Black voters to have an opportunity to elect their preferred candidates. Notably, the Special Masters’ approach to these minority-opportunity districts stands in sharp contrast to their deference to “Virginia’s lengthy tradition of placing a district in Southside Virginia”³⁸ to create the 73% white District 5,³⁹ and the lamenting concern of the pre- and post-Civil War deference to the Blue Ridge and Appalachian communities of Districts 6 and 9,⁴⁰ which are over 86% and 90% white, respectively. Such racially disparate mapdrawing cannot stand.

iii. The December 8 Map fails to respect communities of interest.

Finally, the December 8 Map sharply divides communities of interest across the state, with the notable exception of providing special care to keep Virginia’s Appalachian communities united.⁴¹ From Northern Virginia’s metropolitan D.C. communities, to the military communities on the Eastern Shore, to the affinity between the Albemarle and Richmond’s Western exurbs, the December 8 Map does little to unite Virginians of common interest under common representation. The overwhelming commentary from Virginians during the public hearing on December 15 before this Court supports the fact that Virginians want to keep their communities together, and the December 8 Map fails to do so. Citizen after citizen informed this Court that the western exurb communities of Richmond are inextricably linked by social, educational, environmental, and economic common interests. Others pleaded for central Virginia to retain its representation and identity in District 7. And several Virginians highlighted the stark disparities in interest between Loudoun County and counties to the south. This failure to keep together the communities in which Virginians live their lives and find their common voice is nonsensical, as well as noncompliant. This Court and the Special Masters can and must do better.

³⁵ *Personhuballah* Rep. at 15-16.

³⁶ Memo at 14.

³⁷ *Id.* at 15.

³⁸ *Id.* at 15.

³⁹ *Id.* at 18.

⁴⁰ *Id.* at 12-13.

⁴¹ *See id.* at 6, 12-14.

F. The Farkas Map accounts for Virginia’s population changes while ensuring compliance with federal and Virginia law.

Mr. Farkas submits the Farkas Map for consideration by the Special Masters and the Court. For the reasons explained below, the Farkas Map provides equally apportioned districts that are compact, share common community interests, and protect the voting power of Virginia’s increasing racial and ethnic minority populations, consistent with all applicable laws and legal precedent. We submit that the Farkas Map achieves these goals more fully and consistently than the Special Masters’ December 8 Map.

II. Legal Standards

A. Population equality

To ensure every voter has an equal voice in government, districts must be evenly apportioned by population. “[A]bsolute population equality is the paramount objective,”⁴² as the Constitution unequivocally requires that elections for the U.S. House of Representatives must be based upon population, first and foremost, such that “one man’s vote in a congressional election is to be worth as much as another’s.”⁴³ Under federal law, therefore, U.S. congressional districts must be as nearly equal in population as is practicable.⁴⁴ Moreover, a court-ordered redistricting plan must conform to a higher standard of population equality than a redistricting plan created by a legislature, permitting only negligible variance.⁴⁵ Likewise, the Virginia Constitution requires that redistricting maps “be so constituted as to give, as nearly as is practicable, representation in proportion to the population of the district.”⁴⁶

B. Contiguity and Compactness

The Virginia Constitution requires that every “electoral district shall be composed of contiguous and compact territory.”⁴⁷ A district is not contiguous if it is connected only by “water running downstream or upriver”⁴⁸ “[L]and masses separated by water *may* [] satisfy the contiguity requirement in certain circumstances.”⁴⁹ To comply with the compactness requirement, districts must be drawn “employing one or more standard numerical measures of individual and average district compactness, both statewide and district by district.”⁵⁰ While ease of travel within a district may be considered when evaluating its compactness, it should not be the controlling factor.⁵¹

⁴² *Abrams v. Johnson*, 521 U.S. 74, 98 (1997) (citation and internal quotation marks omitted).

⁴³ *Wesberry v. Sanders*, 376 U.S. 1, 7–8 (1964).

⁴⁴ *Id.*; see also *Roman v. Sincock*, 377 U.S. 695, 710 (1964) (same for state legislature districts).

⁴⁵ *Abrams*, 521 U.S. at 98; see also *Connor v. Finch*, 431 U.S. 407, 414 (1977) (same for state legislature districts); *Chapman v. Meier*, 420 U.S. 1, 26–27 (1975) (same).

⁴⁶ Va. Const. art. II, § 6.

⁴⁷ *Id.*

⁴⁸ Va. Code Ann. § 24.2-304.04(6) (2020).

⁴⁹ *Wilkins v. West*, 571 S.E.2d 100, 109 (Va. 2002) (emphasis added).

⁵⁰ Va. Code Ann. § 24.2-304.04(7) (2020).

⁵¹ *Wilkins*, 571 S.E.2d at 109.

C. Preservation of Communities of Interest

Virginia law requires that districts “be drawn to preserve communities of interest,” which are defined as “a neighborhood or any geographically defined group of people living in an area who share similar social, cultural, and economic interests.”⁵² The U.S. Supreme Court has recognized that “maintaining communities of interest” constitutes a “traditional districting principle[.]”⁵³

D. Protection of Racial and Ethnic Minority Groups

Both federal and Virginia state law protect the political rights of racial and ethnic minorities in the map-drawing process.

i. Federal law

The Equal Protection Clause of the Fourteenth Amendment protects against the drawing of districts that “rationally cannot be understood as anything other than an effort to segregate citizens into separate voting districts on the basis of race without sufficient justification.”⁵⁴ Courts apply a two-step analysis to racial gerrymandering claims. First, courts ask whether “race was the predominant factor motivating the legislature’s decision to place a significant number of voters within or without a particular district.”⁵⁵ “Second, if racial considerations predominated over others, the design of the district must withstand strict scrutiny.”⁵⁶ The burden shifts to the map-drawer “to prove that its race-based sorting of voters serves a ‘compelling interest’ and is ‘narrowly tailored’ to that end.”⁵⁷

Separately, Section 2 of the Voting Rights Act prohibits any “standard, practice, or procedure” that “results in a denial or abridgement of the right . . . to vote on account of race.”⁵⁸ Section 2 protects against “vote dilution” brought about by the “dispersal of [a group’s members] into districts in which they constitute an ineffective minority of voters.”⁵⁹ If a map-drawer invokes the Voting Rights Act to justify race-based districting, “it must show that it had ‘a strong basis in evidence’ for concluding that the statute required its action.”⁶⁰

An “effective minority district” is generally understood as one that “contains sufficient population to provide the minority community with an opportunity to elect a candidate of its choice.”⁶¹

⁵² Va. Code Ann. § 24.2-304.04(5) (2020).

⁵³ See *League of United Latin Am. Citizens v. Perry*, 548 U.S. 399, 433 (2006); see also *Miller v. Johnson*, 515 U.S. 900, 916 (1995) (including respect for “communities defined by actual shared interests” in list of “traditional race-neutral districting principles”).

⁵⁴ *Shaw v. Reno*, 509 U.S. 630, 652 (1993).

⁵⁵ *Cooper v. Harris*, 137 S. Ct. 1455, 1463 (2017) (quoting *Miller v. Johnson*, 515 U.S. 900, 916 (1995)).

⁵⁶ *Id.* at 1464. (citing *Bethune-Hill v. Va. State Bd. of Elections*, 137 S. Ct. 788, 800 (2017)).

⁵⁷ *Id.*

⁵⁸ 52 U.S.C. § 10301(a); see also *id.* § 10303(f)(2).

⁵⁹ *Cooper*, 137 S. Ct. at 1464 (quoting *Thornburg v. Gingles*, 478 U.S. 30, 46 n.11 (1986)).

⁶⁰ *Id.* at 1497 (citing *Ala. Legis. Black Caucus v. Alabama*, 135 S. Ct. 1257, 1274 (2015)).

⁶¹ Nat’l Conf. of State Leg., *Redistricting Law 2010* at 68 (Dec. 1, 2009), https://www.ncsl.org/Portals/1/Documents/Redistricting/Redistricting_2010.pdf.

ii. State law

The Virginia Constitution requires that redistricting occur “in accordance with the requirements of federal and state laws that address racial and ethnic fairness.”⁶² The Constitution further requires that “[d]istricts shall provide, where practicable, opportunities for racial and ethnic communities to elect candidates of their choice.”⁶³ Virginia also recently adopted a provision modeled after Section 2 of the federal Voting Rights Act, the Virginia Voting Rights Act, prohibiting maps containing districts that result in a denial or abridgment of “the right of any citizen to vote on account of race or color or membership in a language minority group” or “to elect representatives of their choice.”⁶⁴ A district map violates this provision if, “on the basis of the totality of the circumstances, it is shown that districts were drawn in such a way that members of a racial or language minority group are dispersed into districts in which they constitute an ineffective minority of voters or are concentrated into districts where they constitute an excessive majority.”⁶⁵ Furthermore, “[d]istricts shall be drawn to give racial and language minorities an equal opportunity to participate in the political process and shall not dilute or diminish their ability to elect candidates of choice either alone or in coalition with others.”⁶⁶

E. Political Fairness

Virginia law prohibits maps that, “when considered on a statewide basis, unduly favor or disfavor any political party.”⁶⁷ This provision has not yet been interpreted by a Virginia court.

III. The Farkas Map Satisfies all Legal Requirements and Ensures Fair Representation for Virginians.

A. Overview

The Farkas Map takes the existing congressional map as its starting point but improves upon it in nearly all respects in a way that is more consistently compliant with the legal principles articulated above than the December 8 Map. It satisfies population equality requirements, increases district compactness, preserves communities of interest, and protects the voting strength of minority groups.

⁶² Va. Const. art. II, § 6.

⁶³ *Id.*

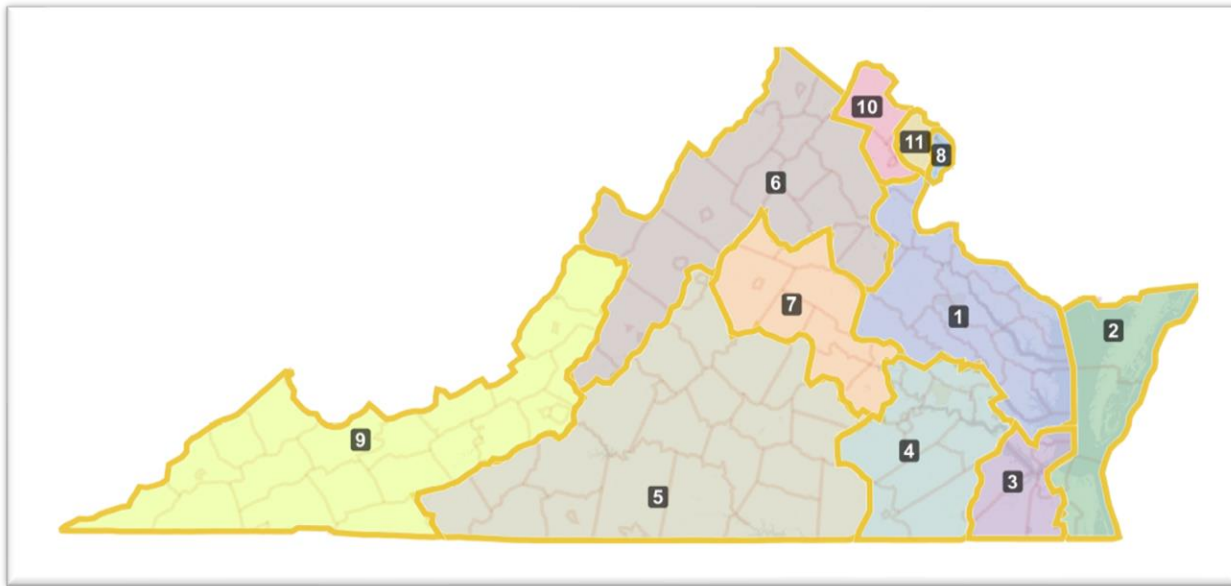
⁶⁴ Va. Code Ann. § 24.2-304.04(3) (2020).

⁶⁵ *Id.*

⁶⁶ *Id.* § 24.2-304.04(4).

⁶⁷ *Id.* § 24.2-304.04(8).

Figure 1: Farkas Map



In the northern Virginia region, the Farkas Map places the entirety of District 11 within Fairfax County, thereby creating a more compact district with a cohesive community. The map also improves the compactness of District 10, which previously ran from the Capital Beltway to the West Virginia border, by instead anchoring it in the suburban Washington, D.C. area. In central and southwestern Virginia, the Farkas Map unites Charlottesville and the surrounding Albemarle County with the suburbs surrounding Richmond in District 7. This change unites communities of interest while also improving the compactness of District 5. The map also addresses population loss in District 9 by moving Roanoke into that district. And finally, in southeastern Virginia, the Farkas Map ensures that Black communities in Districts 3 and 4 maintain their voting strength, consistent with Dr. Grofman's remedial map and the findings of a Virginia federal court in our client's case, the *Page* litigation. The map also keeps the military community in District 2 whole by anchoring the district in Norfolk and including Virginia Beach City and Chesapeake City within it.

B. The Farkas Map satisfies traditional redistricting criteria, improving upon the current plan.

i. The Farkas Map meets population equality requirements.

The Farkas Map creates districts of equal population. Six of the districts under the Farkas Map are exactly equal to the ideal population. The other five districts vary only by a single person. By stark contrast, the December 8 Map varies widely from district to district, assuring that the voice of voters in some districts, such as District 10, will carry less weight than voters in others, such as District 6.

Proposed District	Farkas Map		December 8 Map	
	Proposed Population	Deviation from Ideal Population	Proposed Population	Deviation from Ideal Population
1	784,673	+1 person	783,413	-1,259 (-0.16%)
2	784,673	+1 person	784,453	-219 (-0.03%)
3	784,673	+1 person	784,353	-319 (-0.04%)
4	784,672	0	784,366	-306 (-0.04%)
5	784,672	0	785,740	+1,068 (+0.14%)
6	784,672	0	783,436	-1,236 (-0.16%)
7	784,672	0	783,613	-1,059 (-0.13%)
8	784,672	0	784,141	-531 (-0.07%)
9	784,671	-1 person	786,021	+1,349 (+0.17%)
10	784,672	0	786,469	+1,797 (+0.23%)
11	784,671	-1 person	785,388	+716 (+0.09%)
Overall Deviation	2 people (<i>de minimis</i> percentage)		3,056 people (0.39%)	

U.S. congressional districts must be as nearly equal in population as is practicable.⁶⁸ Indeed, the Supreme Court has declared that “[a] court-ordered plan should ‘ordinarily achieve the goal of population equality with little more than *de minimis* variation.’”⁶⁹ The federal court that approved remedial Virginia districts in the *Page* litigation strictly adhered to this requirement, as did Special Master Grofman when submitting his proposal to that court.⁷⁰ Not only does the December 8 Map abandon Virginia’s history of strict adherence to this principle, but, as is apparent from the near perfect equality achieved by the Farkas Map, the December 8 Map does not even achieve population equality as closely as is practicable. Far from it. This failure would subject the December 8 Map to an exacting standard upon review.

“With a court plan, any deviation from approximate population equality must be supported by enunciation of historically significant state policy or unique features.”⁷¹ The Special Masters report that they “worked diligently to ensure that the congressional districts were *reasonably close* to equipopulous,”⁷² but this is simply not the appropriate legal standard. The Special Masters make no mention of what, if any, historically significant state policy or unique features support these deviations in population.

Indeed, the December 8 Map cannot even survive the less exacting standard applied to districts drawn by state legislatures. The U.S. Supreme Court permits some flexibility to state legislatures to achieve exact population equity, requiring that a state “justify population differences between districts

⁶⁸ *Id.*; see also *Roman v. Sincock*, 377 U.S. 695, 710 (1964) (same for state legislature districts).

⁶⁹ *Abrams*, 521 U.S. at 98-9 (deeming a court-drawn map with a deviation of 0.35% permissible due to the fact that the court—“in detail”—reviewed and accounted for specific historic preferences and unique features that demanded such a deviation).

⁷⁰ *Personhuballah* Rep. at 11 (“Since the present map and all of the maps offered in briefs submitted . . . were either exactly at ideal district size . . . or plus or minus one person, the illustrative maps I have offered to the Court also provide this level of strict population equality.”).

⁷¹ *Chapman*, 420 U.S. at 26.

⁷² Memo at 3 (emphasis added).

that could have been avoided by a good-faith effort to achieve absolute equality.”⁷³ In such instances, courts should consider “the size of the deviations, the importance of the State’s interests, the consistency with which the plan as a whole reflects those interests, and the availability of alternatives that might substantially vindicate those interests yet approximate population equality more closely.”⁷⁴ Here, there is an available alternative—the Farkas Map—that, as explained further below, substantially vindicates the other interests this Court must consider.

ii. The Farkas Map creates more compact, contiguous districts.

The Farkas Map creates more contiguous and compact congressional districts than the current map provides. These improvements are evidenced by both improved mathematical compactness scores as well as comparison with the naked eye.

Virginia courts have relied upon two leading mathematical methodologies for measuring district compactness: the Reock method and the Polsby-Popper method.⁷⁵ The Reock score “compares the area of a district to the area of the small circle that can be drawn around the district.”⁷⁶ The Polsby-Popper score “compares the area of a district to the area of a circle with the same perimeter.”⁷⁷ Both methods produce a score between 0 and 1, with 1 being most compact.⁷⁸ Thus, if a score increases from one map to another, that indicates an increase in compactness. The Farkas Map increases the statewide average Reock score over the current map—one that the federal district court already found adhered to principles of compactness⁷⁹—by over 20 percent and increases the statewide Polsby-Popper score by over 47 percent. The Farkas Map is thus even more compact on average than the current map adopted by a three-judge court.

⁷³ *Tennant v. Jefferson Cnty. Com’n*, 567 U.S. 758, 759 (2012) (per curiam) (citations and internal quotation marks omitted).

⁷⁴ *Id.* at 760.

⁷⁵ See, e.g., *Bethune-Hill v. Va. State Bd. of Elections*, 141 F. Supp. 3d 505, 535 (E.D. Va. 2015), *aff’d in part, vacated in part*, 137 S. Ct. 788 (2017) (discussing relative attributes of both the Reock and Polsby-Popper methods). The Special Masters report in their December 7 memorandum to the Court that they have utilized a third measure—“Dave’s Redistricting App”—without explanation as to how this source calculates its scores or what the range of available scoring is. We are aware of no instance of a Virginia court, or any court for that matter, approving of “Dave’s Redistricting App” as a reliable source with which to measure compactness. Quite the opposite: the Southern District of Ohio previously declined to credit maps that were drawn using Dave’s Redistricting App, determining that “testimony that the application allows for the manipulation of districts [and] failure to establish the parameters . . . used to produce the maps is problematic” and ultimately that the evidence “is insufficient to establish the reliability of the methodology used to create the maps.” *Ohio Org. Collaborative v. Husted*, No. 2:15-CV-1802, 2016 WL 8201848, at *8 (S.D. Ohio May 24, 2016).

⁷⁶ *Vesilind v. Va. State Bd. of Elections*, 813 S.E.2d 739, 743 n.3 (Va. 2018) (quoting an explanation provided by an expert witness).

⁷⁷ *Id.*

⁷⁸ *Id.*

⁷⁹ *Personhuballah*, 155 F. Supp. 3d at 562, (“[Dr. Grofman’s map] also vastly improves the Third District’s compactness score and meaningfully improves the Plan’s average compactness scores across all the affected districts.”).

The same is true when evaluating compactness of the individual districts. In the vast majority of instances, the Farkas districts are more compact than the existing map whether measured by the Reock or Polsby-Popper methods.

Proposed District	Reock		Polsby-Popper	
	Existing	Farkas	Existing	Farkas
1	0.341	0.346	0.228	0.259
2	0.28	0.245	0.215	0.314
3	0.428	0.472	0.227	0.324
4	0.415	0.565	0.213	0.293
5	0.294	0.435	0.154	0.322
6	0.259	0.3	0.162	0.155
7	0.257	0.353	0.194	0.201
8	0.331	0.321	0.256	0.348
9	0.22	0.178	0.188	0.167
10	0.29	0.35	0.126	0.3
11	0.203	0.423	0.093	0.34
Statewide Average	0.302	0.363	0.187	0.275

These metrics confirm what is observable with the naked eye, particularly with respect to the northern Virginia region. Between Districts 8, 10, and 11 alone, the population increased by nearly 300,000 Virginians, which accounts for almost 50 percent of Virginia’s overall growth since 2010. This growth necessitates more compact boundaries. The existing Districts 8, 10, and 11—intentionally left untouched in Dr. Grofman’s 2016 remedial map—currently sprawl across seven counties and five independent cities, collectively. The Farkas Map, by contrast, reduces this spread to just four counties and four independent cities.⁸⁰ Specifically, while the existing District 11 winds from northern Fairfax County down to southeastern Prince William County, the Farkas Map keeps all of District 11 within Fairfax County’s borders, giving it a much more compact shape with sensible boundaries. Similarly, while the existing District 10 runs from the Capital Beltway to the West Virginia border, across five counties and three independent cities, the Farkas Map reduces District 10 to three counties and two independent cities, concentrated in the suburban Washington, D.C. area.⁸¹ These changes improve upon traditional districting criteria to provide less sprawling and more sensible districts.

⁸⁰ See App., fig.2.

⁸¹ The Farkas Map leaves District 8 largely the same, with a nearly 90 percent overlap with the current District boundaries, given that District 8 saw only modest population gains. The Farkas Map does, however, significantly reduce the jigsaw nature of the current boundary line District 8 shares with District 11. See *id.*

This map shows Loudoun County, Virginia, highlighted in pink. It is bordered by Clarke County to the northwest, Fauquier County to the southwest, Prince William County to the south, and Arlington County to the east. Major roads are shown as yellow lines, and various communities and towns are labeled throughout the county, including Lovettsville, Hillsboro, Waterford, Purcellville, Leesburg, Lansdowne, Belmont, Goose Creek Village, Ashburn, Broadlands, Moorefield, Brimbleton, Oak Grove, Herndon, Reston, Wolf Trap, McLean, Tysons, Pimmit Hills, Vienna, Idylwood, West Falls Church, Woodburn, Arlington, Alexandria, North Springfield, Springfield, Franconia, Rose Hill, Hybla Valley, Woodlawn, Mount Vernon, South Run, Burke, Burke Centre, Union Mill, Manassas Park, Manassas, Sudley, Haymarket, Gainesville, New Baltimore, Upperville, Paris, Middleburg, Aldie, Stone Ridge, South Riding, Arcola, Brandywine, and Leesylvania. The map also shows the locations of Loudoun County Public Schools (10) and Loudoun County Government (11).

iii. The Farkas Map reunites and preserves communities of interest.

⁸² The December 8 Map has an average Reock score of 0.383, according to Princeton University's Gerrymandering Project. Princeton Gerrymandering Project, <https://gerrymander.princeton.edu/redistricting-report-card?planId=recOUne4ZKjEyaVyJ> (last visited December 11, 2021).

⁸⁴ *Miller*, 515 U.S. at 916, 919-20.

Region by region, the Farkas Map responds to concerns raised by Virginians during both the Virginia Redistricting Commission’s tenure⁸⁵ and this Court’s process.⁸⁶ For example, numerous commenters emphasized that Charlottesville, home to the University of Virginia, and its surrounding Albemarle County have more in common with suburban Richmond County than the rural mountain areas in District 5. One Charlottesville resident urged this Court to “consider the cohesion of metropolitan areas” and to not “combine Albemarle County with a Congressional district in the Shenandoah Valley.”⁸⁷ Another explained that the current District 5 “lumps [voters] into a New Jersey-sized monolith, meaning we have no common interests . . . with other parts of the district”⁸⁸ Yet another commented that Albemarle has “no cultural, economic, or community connections” with the western portion of the state, but instead is “closely intertwined” with Richmond to the east.⁸⁹ Numerous government metrics affirm this point. For example, the Metropolitan Planning Organization for Richmond—a regional divide utilized by both the Virginia Department of Transportation and the U.S. Department of Transportation—includes the regions to the West of Richmond stretching toward Charlottesville, including Goochland and Powhatan.⁹⁰ The regions are also clearly linked by the I-64 corridor running East-West between the two metropolitan areas.

The December 8 Map, in contrast, exacerbates the splits problem by even further breaking up the Charlottesville and Albemarle County community of interest. The December 8 Map cleaves Albemarle County in half, splitting it between the Fifth District (extending all the way to Virginia’s Southern border) and Tenth District (extending all the way to Virginia’s Northern border). This does not improve on the currently existing map; it makes it worse. Indeed, in the days following the release of the December 8 Map, several Virginians have expressed concern about the split representation of Charlottesville and Albemarle County.⁹¹

The Farkas Map addresses this issue, moving Charlottesville and Albemarle County to District 7 in order to unite it with the Richmond suburbs. This change also improves the compactness of District 5, which in its current form stretches all the way from Virginia’s southern border, through Charlottesville, up to the edge of the Washington, D.C. metro area. In the Farkas Map, District 5 is anchored in the south-central region of the state. It unites Martinsville and its suburbs, which are currently separated across two districts, and it also includes Lynchburg and its surrounding counties. Further west, the map addresses population loss in District 9 by moving Roanoke into the district. This change unites Roanoke and Salem, neighboring cities that were previously placed in separate districts.

⁸⁵ See *Public Comments Submitted to VRC – Organized by Region*, Va. Redistricting Comm’n (Nov. 19, 2021), <https://virginiaredistricting.org/PageReader.aspx?page=SubmittedPublicComments> (hereinafter “VRC Comments”).

⁸⁶ *Public Comments as of 11-23-21 (10:00am)*, Va. Jud. System, https://www.vacourts.gov/courts/scv/districting/public_comments.pdf (hereinafter “Va. Sup. Ct. Comments”).

⁸⁷ Va. Sup. Ct. Comments at 73 (comment of Barbara Gehrung, Nov. 10, 2021).

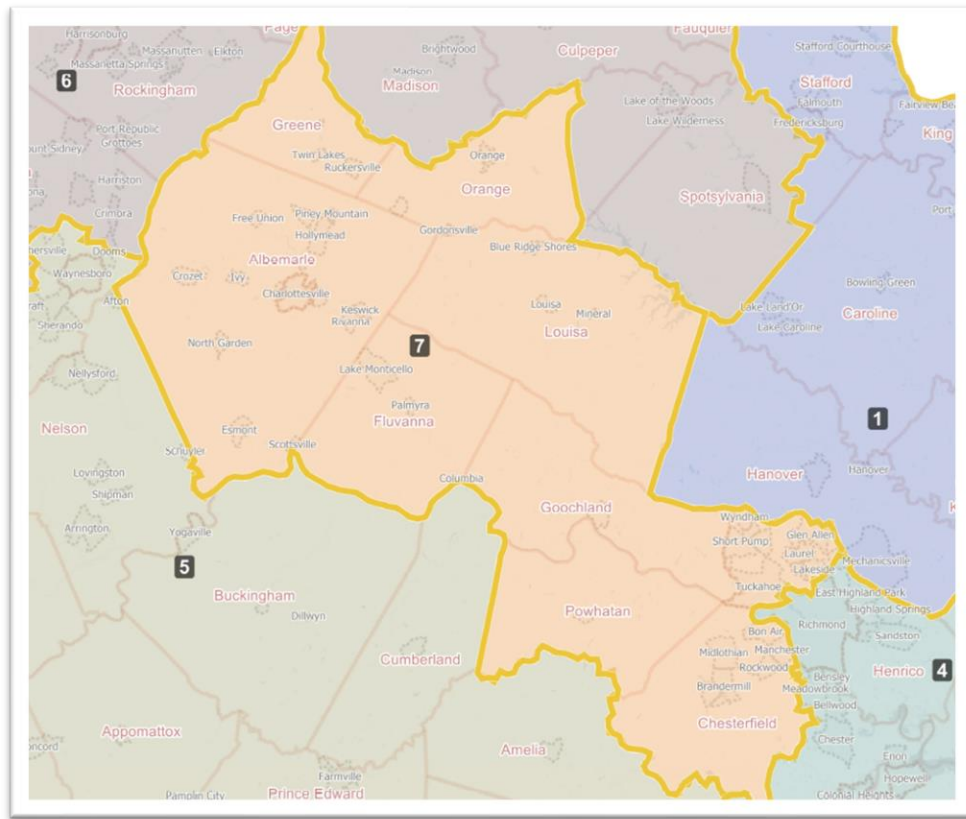
⁸⁸ *Id.* at 200 (comment of Robert E. Beard, Nov. 10, 2021).

⁸⁹ VRC Comments, Central Region at 20-21 (comment of CMS, Oct. 18, 2021).

⁹⁰ PlanRVA, <https://planrva.org/> (last visited Dec. 14, 2021).

⁹¹ See *MyDistricting Virginia*, <https://www.virginiaredistricting.org/legdistricting/comments/plan/513/1> (last visited December 11, 2021) (comments placed near Charlottesville).

Figure 3: Central Virginia

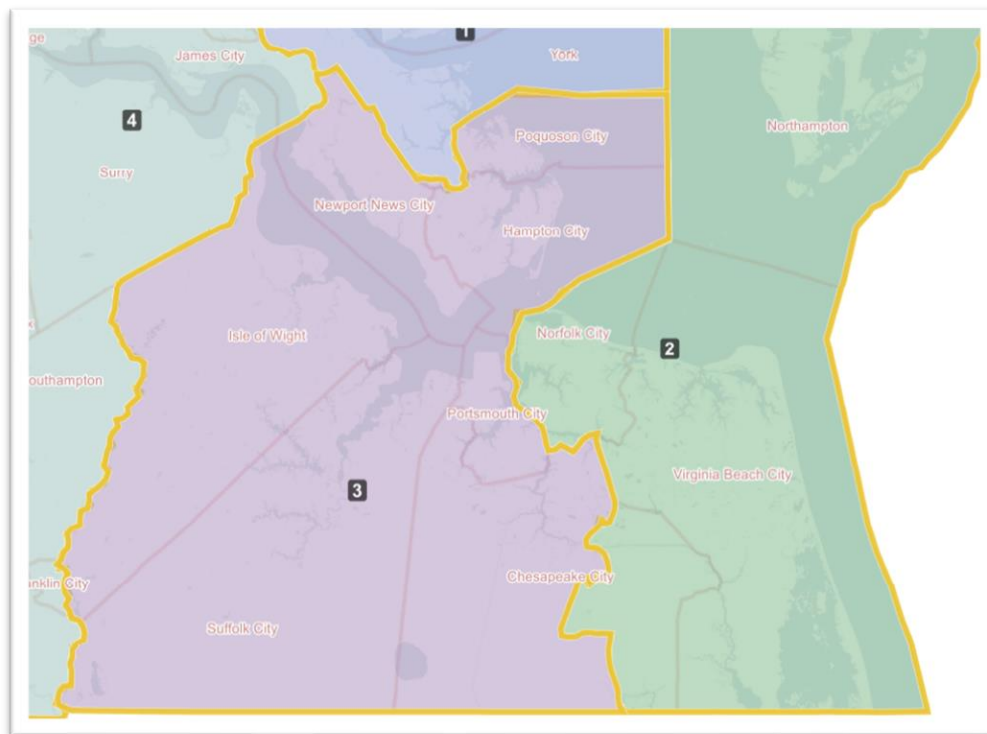


In the northern Virginia region, the Farkas Map unites communities in the Washington, D.C. metropolitan and suburban areas. These communities share similar social, cultural, and economic interests, as they house the metropolitan D.C. workforce. The Farkas Map recognizes this reality and ensures that Districts 8, 10, and 11 are focused in metropolitan and suburban Northern Virginia. This greatly improves upon the current map, which, for example, currently includes a northern district (District 10) that stretches all the way to the West Virginia border, tying the D.C. suburbs with rural communities that do not share common interests. The Farkas Map reduces District 10 to predominantly Loudoun and Prince William counties, tracing the expanding D.C. suburban area and reducing county splits. By contrast, the December 8 Map carves Loudoun County out of the metropolitan D.C. districts, separating it from neighboring Fairfax County communities along Route 7 as well as from neighboring Prince William County. The splitting of communities that serve the Dulles Technology Corridor defies logic because they are all inextricably tied by common interests to the greater D.C. area. Indeed, recognizing the links of these communities to each other and D.C., the U.S. Department of Transportation has worked with local authorities to expand Metrorail service on the new Silver Line to Washington Dulles

International Airport and further west into Loudoun County in a project dubbed the “Dulles Corridor Metrorail Project.”⁹²

In southeastern Virginia, the Farkas Map ensures that the community of veterans and active-duty military in and around Norfolk is kept whole by anchoring District 2 in that county and by including Virginia Beach City and Chesapeake City in the same district. This is not the case with the December 8 Map, which unnecessarily divides these closely linked military communities between Districts 2 and 3. The populations of Norfolk and Virginia Beach share common federal and environmental concerns, and together form the socio-economic backbone of the Hampton Roads region; they should not be divided. As one commenter to this Court explained, “Norfolk and Virginia Beach are tied to the Norfolk Naval Base with all the active duty and veterans who reside here. . . . Please consider a Norfolk/VB district for [District 2].”⁹³ Instead, the December 8 Map lumps Virginia Beach with Isle of Wight and Suffolk, despite those communities having more in common with Portsmouth than Virginia Beach.

Figure 4: Hampton Roads



For all these reasons, the Farkas Map thus reflects and significantly improves upon the preservation of communities of interest across the Commonwealth. The memorandum accompanying the December 8 Map expressed great solicitude for defining and maintaining communities of interest along

⁹² See U.S. Dep’t of Transp., *Dulles Corridor Metrorail Project*, <https://www.transportation.gov/buildamerica/projects/dulles-corridor-metrorail-project> (last visited Dec. 11, 2021); see also Dulles Corridor Metrorail Project, *Silver Line Stations*, <https://www.dullesmetro.com/silver-line-stations/> (last visited Dec. 11, 2021).

⁹³ Va. Sup. Ct. Comments at 166 (comment of Charles F. Stanton, Nov. 10, 2021).

the Blue Ridge and in Appalachia, which are predominantly white, rural communities.⁹⁴ Similar care ought to be applied to preserving the communities described above, which are in many instances more diverse, urban and suburban communities. The Farkas Map fully accounts for those communities that the December 8 Map neglects.

iv. The Farkas Map protects racial and ethnic minority groups.

The Court should ensure that the failures of the General Assembly, which required years of federal litigation to remedy, are not repeated this redistricting cycle. The Court should be guided by race-neutral districting principles and reject any map that unjustifiably overpacks Black voters within districts. This approach does not require significantly altering the Black voting age population in either of Virginia's effective minority districts, Districts 3 and 4, where Black voters have been able to elect their candidates of choice under the current congressional map.⁹⁵

The Special Masters' memorandum suggests that their first and predominant consideration in the Greater Richmond and Hampton Roads areas was race, resulting in an unjustifiable increase of the BVAP percentages in the effective minority districts in those areas. The Special Masters claim that they "considered race only after [they] had drawn a map fully subject to the constraints of [the] traditional" redistricting principles.⁹⁶ But the district-specific descriptions tell another story. In discussing the Richmond and Southside regions, the Special Masters explain that they initially created "a compact district that included only Richmond City and Henrico/Chesterfield counties."⁹⁷ However, the map-drawers then observed that Black Virginians "would total a little more than a third of the population" of the district, and so altered the map.⁹⁸ The map-drawers split both Henrico and Chesterfield Counties, in order to construct a district with a Black CVAP of 45.3%, higher than the 40% Black CVAP in the current District 4.⁹⁹ The only justification they gave was that the high-BVAP district would "likely continue to elect the African-American population's candidate of choice."¹⁰⁰ The Special Masters provided no analysis that would justify this assumption. Similarly, the Special Masters' rationale for drawing District 3 in the Hampton Roads area appears limited to ensure ability-to-elect by including as many urban areas as possible, without providing any justification that such an approach was necessary.¹⁰¹

⁹⁴ See Memo at 13.

⁹⁵ *Personhuballah*, 155 F. Supp. 3d at 562.

⁹⁶ See Memo at 5.

⁹⁷ *Id.* at 15.

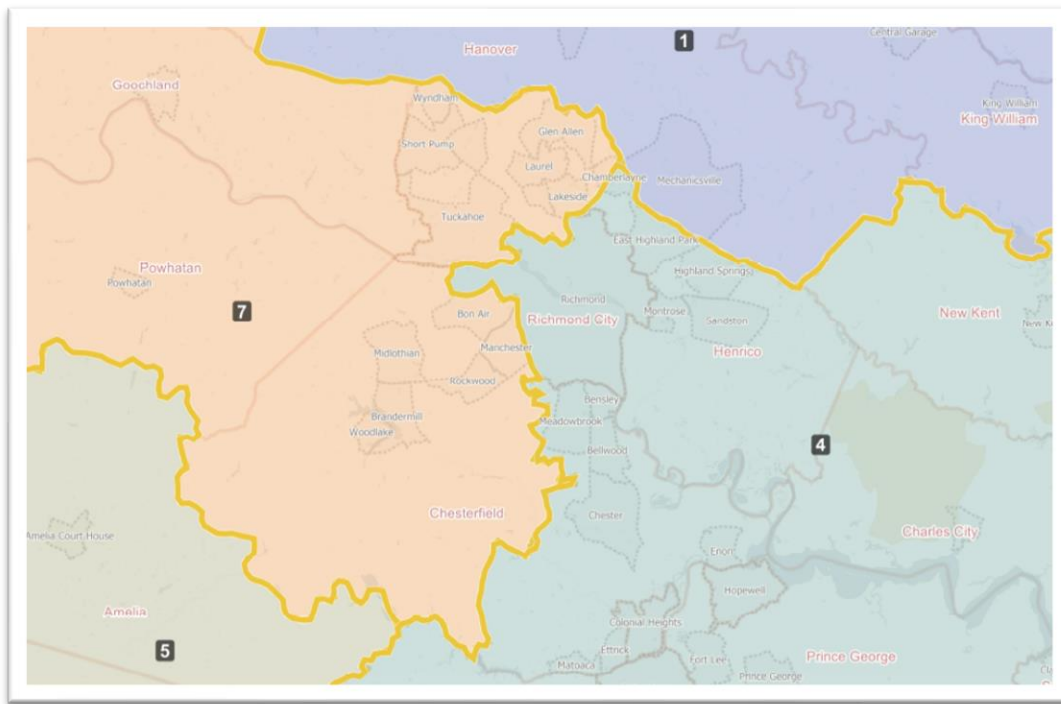
⁹⁸ *Id.*

⁹⁹ *Id.*

¹⁰⁰ *Id.*

¹⁰¹ *Id.*

Figure 5: Greater Richmond



The Farkas Map, in contrast, was drawn in accordance with race-neutral districting principles and still maintains the voting strength of Virginia’s Black communities. As explained above, the Farkas Map ensures population equality, creates compact districts, and preserves communities of interest. Doing so results in a map that includes two effective minority districts and does not dilute minority voting strength.

The Farkas Map unites all of Norfolk and Virginia Beach into District 2 and all of Hampton in District 3. In so doing, the Farkas Map decreases the BVAP in District 3 from 47 percent to 41.9 percent, resembling the demographics and configuration of the remedial map proposed by Dr. Grofman in 2016 and adopted by a federal court while retaining the same general configuration and location.¹⁰² District 3 thus remains an effective minority district in which Black voters may continue to influence election outcomes in coalition with others.¹⁰³ In the current configuration of District 3, Representative Scott won over 66 percent of the vote in 2016, over 91 percent in 2018, and over 68 percent in 2020.¹⁰⁴

The BVAP of District 4 rises only nominally to 40.1 percent in the Farkas Map from 39.7 percent in the current map while better adhering to traditional districting principles. Specifically, the Farkas Map removes the irregular arm of Suffolk and Chesapeake counties from District 4 and places them in a more

¹⁰² *Personhuballah*, 155 F. Supp. 3d at 565 (noting BVAP of 45.3 percent in District 3 and 40.9 percent in District 4 at time of adoption of existing maps in 2016).

¹⁰³ See *Bartlett v. Strickland*, 556 U.S. 1, 13 (2009) (describing an effective minority district as one in which the minority population does not make up a majority of the voting-age population but “at least potentially . . . is large enough to elect the candidate of its choice with help from voters who are members of the majority and who cross over to support the minority’s preferred candidate.”) (plurality opinion).

¹⁰⁴ Ballotpedia, *Virginia’s 3rd Congressional District*, (last visited Oct. 20, 2021), https://ballotpedia.org/Virginia%27s_3rd_Congressional_District.

contiguous and compact manner in District 3. District 4 of the Farkas Map also keeps Franklin City with neighboring Southampton.

While the Farkas Map hews closely to the versions of these minority-opportunity districts approved by the federal court in 2016, the Special Masters' December 8 map packs a greater percentage of Black voters into each district, particularly District 4.

	Enacted Map BVAP (At Adoption)	Enacted Map BVAP (Current)	Farkas Map BVAP	December 8 Map BVAP
District 3	45.3%	47.2%	41.9%	44.5%
District 4	40.9%	39.7%	40.1%	45.3%

Dr. Grofman's 2016 analysis of the maps he proposed to the district court demonstrate that the higher percentages are not necessary to achieve adherence to legal standards. The 2016 percentages created "a realistic opportunity [for a Democratic candidate of choice] to win election in CD3 due to cohesive voting from within the African-American community and cross-over voting from non-black Democrats."¹⁰⁵ The changes to BVAP proposed in the December 8 Map—taken together with the failure to abide by other principles such as population equality and not dividing communities of interest—raises significant concern that Black voters are being improperly packed into these two districts.

The changes made in the Farkas Map abide by all federal and state law imperatives while having the effect of preserving the opportunity of minority voters to elect candidates of their choice in coalition with others. The Farkas Map thus comports with the principles of Dr. Grofman's 2016 maps that remedied the unconstitutional gerrymander of the Virginia legislature following the 2010 census.

v. The Farkas Map does not unduly favor any political party.

The Farkas Map offers a blueprint for fair, representative redistricting that properly and fully accounts for all legal requirements without unduly favoring any one political party over another. The Farkas Map ameliorates the partisan bias of the December 8 Map and existing map—both with a score of approximately -9.7 percent—to just -0.6 percent based on the turnout from the 2020 presidential race.¹⁰⁶

vi. The December 8 Map ignores important impacts on incumbents.

The U.S. Supreme Court has held that states have a legitimate interest in preserving the constituencies of congressional incumbents.¹⁰⁷ The Special Masters have reported that they created the December 8 Map without any knowledge as to "which incumbents have been placed in [congressional]

¹⁰⁵ *Personhuballah* Rep. at 47.

¹⁰⁶ Partisan bias is the difference between each party's seat share and 50% in a hypothetical, perfectly tied election. Thus, the closer the partisan bias is to 0, the lower the map's skew toward one party or the other. A negative partisan bias score indicates bias in favor of the Republican Party, while a positive partisan bias score indicates bias in favor of the Democratic Party.

¹⁰⁷ *White v. Weiser*, 412 U.S. 783, 797 (1973).

districts with other incumbents.”¹⁰⁸ But they and this Court should be aware that the three incumbents whom the December 8 Map most threatens are the only three women in Virginia’s delegation. Indeed, some of the most problematic changes that the December 8 Map seeks to make are precisely the changes that could lead to Virginia not having a single female incumbent. The December 8 Map’s complete uprooting of District 7 can have only one effect on Representative Abigail Spanberger’s tenure in Congress, whether one knows the precise town in which she currently resides or not. Likewise, detaching District 10 from the Washington D.C. metropolitan area to incorporate rural communities to the south threatens Representative Jennifer Wexton’s position, without solving the problem of District 10’s sprawling geographic reach. Finally, splitting the military communities in Norfolk and Virginia Beach directly threatens the incumbency of Representative Elaine Luria, who is well-known for her military service and connection with that community. Representative Luria is also double-bunked with Representative Scott, one of the delegation’s only two Black members and the longest serving incumbent in the state.

Thus, the threat that the December 8 Map poses to the female and minority members—and *only* those members—of Virginia’s delegation is apparent without detailed knowledge of each incumbent’s residential address. As many Virginians explained to this Court during the December 15 public hearing, to turn a blind eye to such a result is hardly in the interest of Virginians.

vii. Nesting is not applicable to congressional maps.

The December 8 Map was drawn to “carve[] . . . Senate districts out of U.S. House districts” “to the extent practicable.”¹⁰⁹ The accompanying report acknowledged that this practice, known as “nesting,” is not required by Virginia law, nor is it required by federal law.¹¹⁰ Moreover, if nesting is applied in redistricting at all, it is typically used when drawing state legislative districts, rather than congressional districts, which are much larger and often to do not correspond neatly to the number of state legislative districts.¹¹¹ It is unclear how application of this non-statutory principle served to constrain or guide the Special Masters’ drawing of the congressional districts, specifically. It is clear, however, that the Special Masters report that they employed nesting to keep communities of interest together despite previously acknowledging that they are not fully apprised of the communities of interest that exist in Virginia.¹¹² As discussed above, the December 8 Map unnecessarily fractures multiple important communities of interest across the Commonwealth at the congressional district level. The Special Masters’ application of nesting thus serves only to replicate this noncompliance across all maps. Indeed, there does not appear to be a principled basis for the December 8 Map’s adoption of certain non-statutory criteria, such as nesting, and rejection of others, such as incumbency.

¹⁰⁸ Memo at 10.

¹⁰⁹ *Id.*

¹¹⁰ *See id.*

¹¹¹ *See* Ballotpedia, *Nesting*, <https://ballotpedia.org/Nesting> (last visited December 11, 2021) (discussing nesting in the context of state legislative districts only); *see also Bethune-Hill v. Va. State Bd. of Elections*, 141 F. Supp. 3d 505, 538 (E.D. Va. 2015), *aff’d in part and vacated in part*, 137 S. Ct. 788 (2017) (discussing nesting in the context of state legislative districts); *Davis v. Bandemer*, 478 U.S. 109, 179 n. 18 (1986), *abrogated in part on other grounds by Rucho v. Common Cause*, 139 S. Ct. 2484 (2019) (J. Powell, concurring in part) (same).

¹¹² *Compare* Memo at 7 (acknowledging lack of awareness of all applicable communities of interest) *with* Memo at 10 (reporting that nesting was used to align communities of interest under common representation).

IV. Conclusion

This Court, with the help of the Special Masters, now has the duty to draw congressional districts that will govern elections over the next ten years. The Farkas Map offers fair, representative congressional districts that are fully compliant with federal and Virginia law. It apportions Virginia's population equitably; improves upon traditional districting metrics of contiguity, compactness, and political subdivision splits; and preserves and reunites long-split communities of interest. In so doing, it ensures that Virginia's growing racial and ethnic minority communities, which have been the main drivers behind Virginia's population growth, retain their opportunity to elect candidates of their choice in coalition with others, without diluting their voting strength by packing them within certain districts

Any map adopted by the Court must contend with these important considerations and requirements in order to comply with the law and the will of Virginia voters. Accordingly, Mr. Farkas respectfully requests that the Special Masters and ultimately the Court adopt the Farkas Map for Virginia's congressional districts.

Respectfully submitted,

/s/ Marc E. Elias

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Counsel for James Farkas

** Not admitted to practice in Virginia.*

Mssrs. Elias and Brewer are admitted in

*DC, Ms. Gambhir is admitted in CA, and
Ms. Khanna is admitted in WA.*

Enclosures:
Appendix, Figures 1-5
Farkas Map Mapping Files

APPENDIX

FIGURE 1
Farkas Map

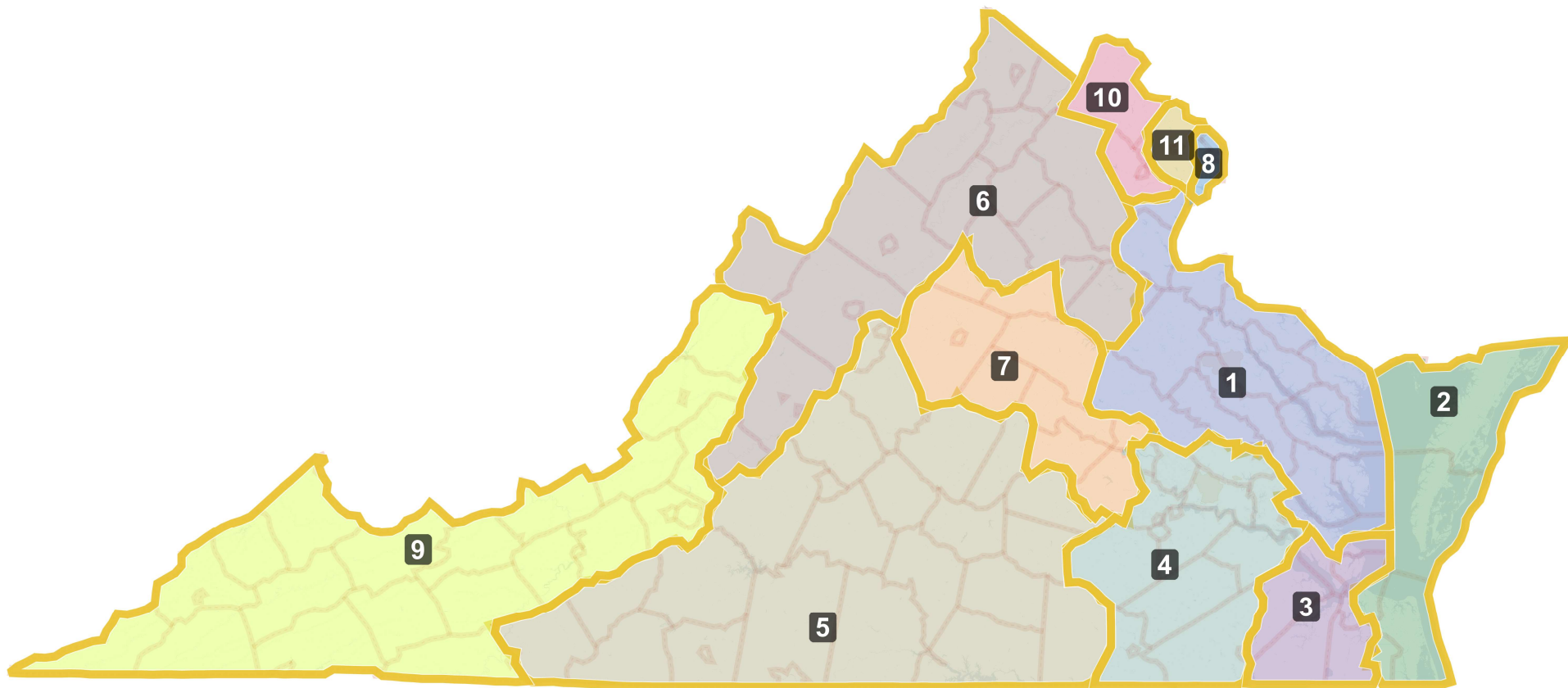


FIGURE 2
Northern Virginia

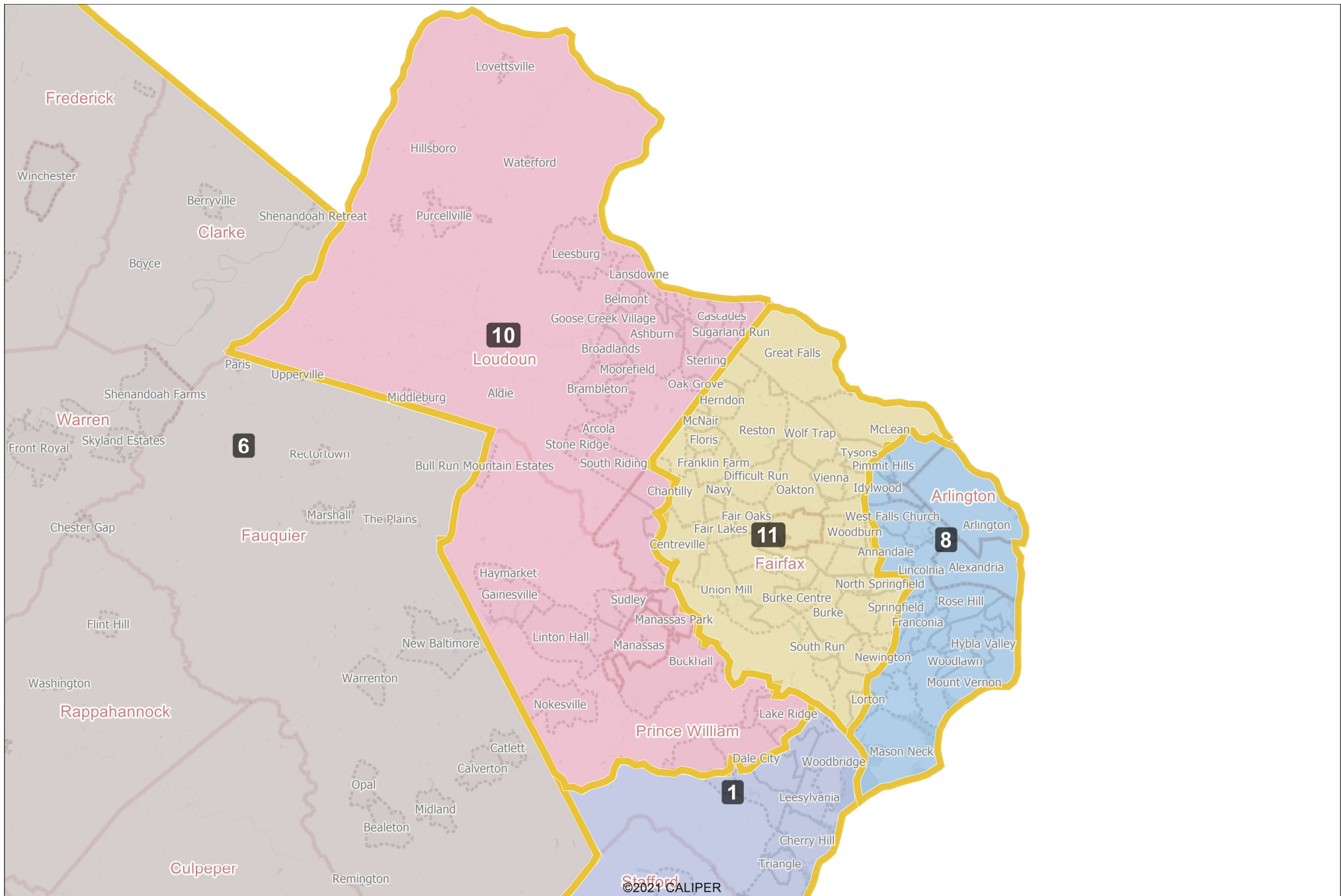


FIGURE 3
Central Virginia

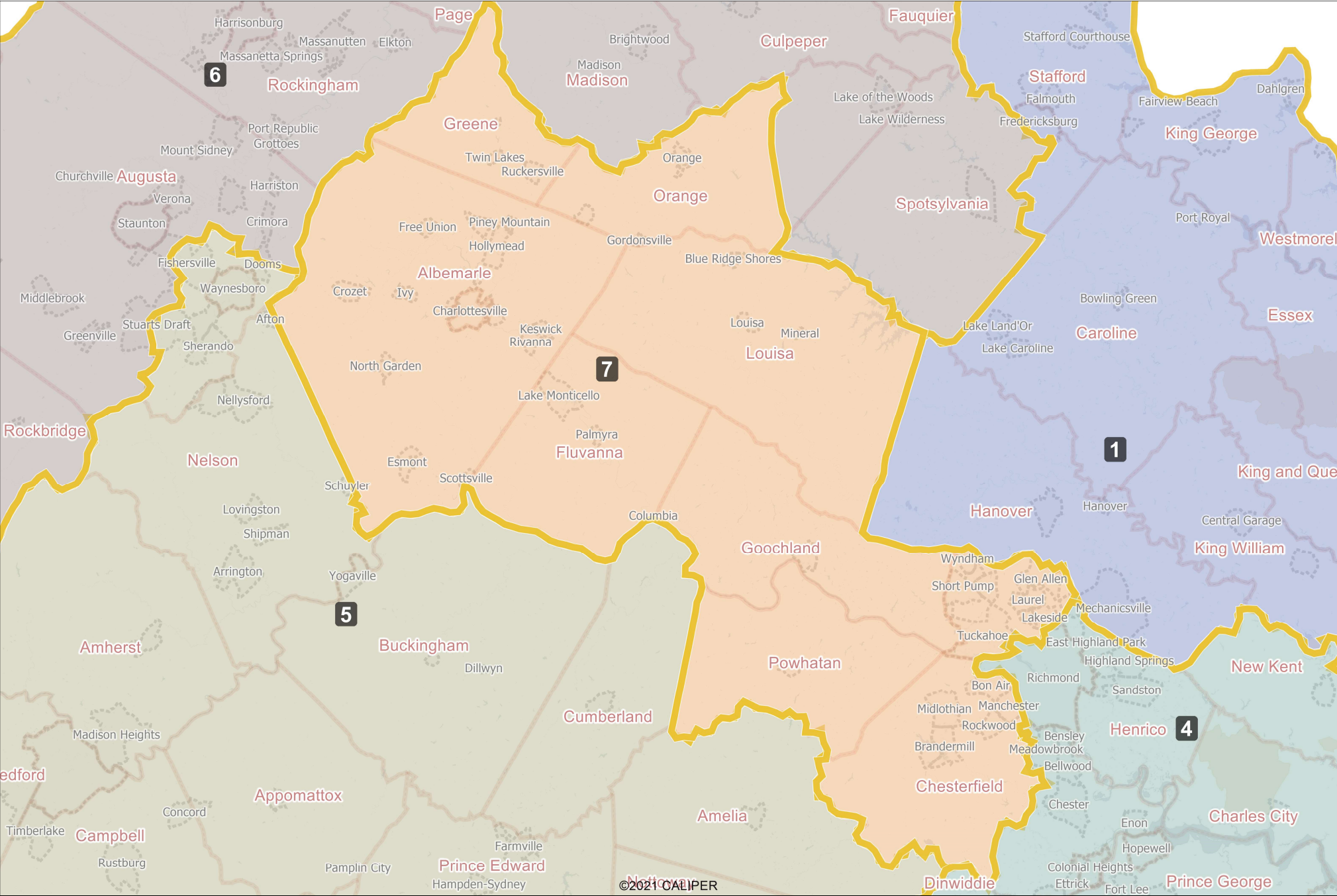


FIGURE 4
Hampton Roads

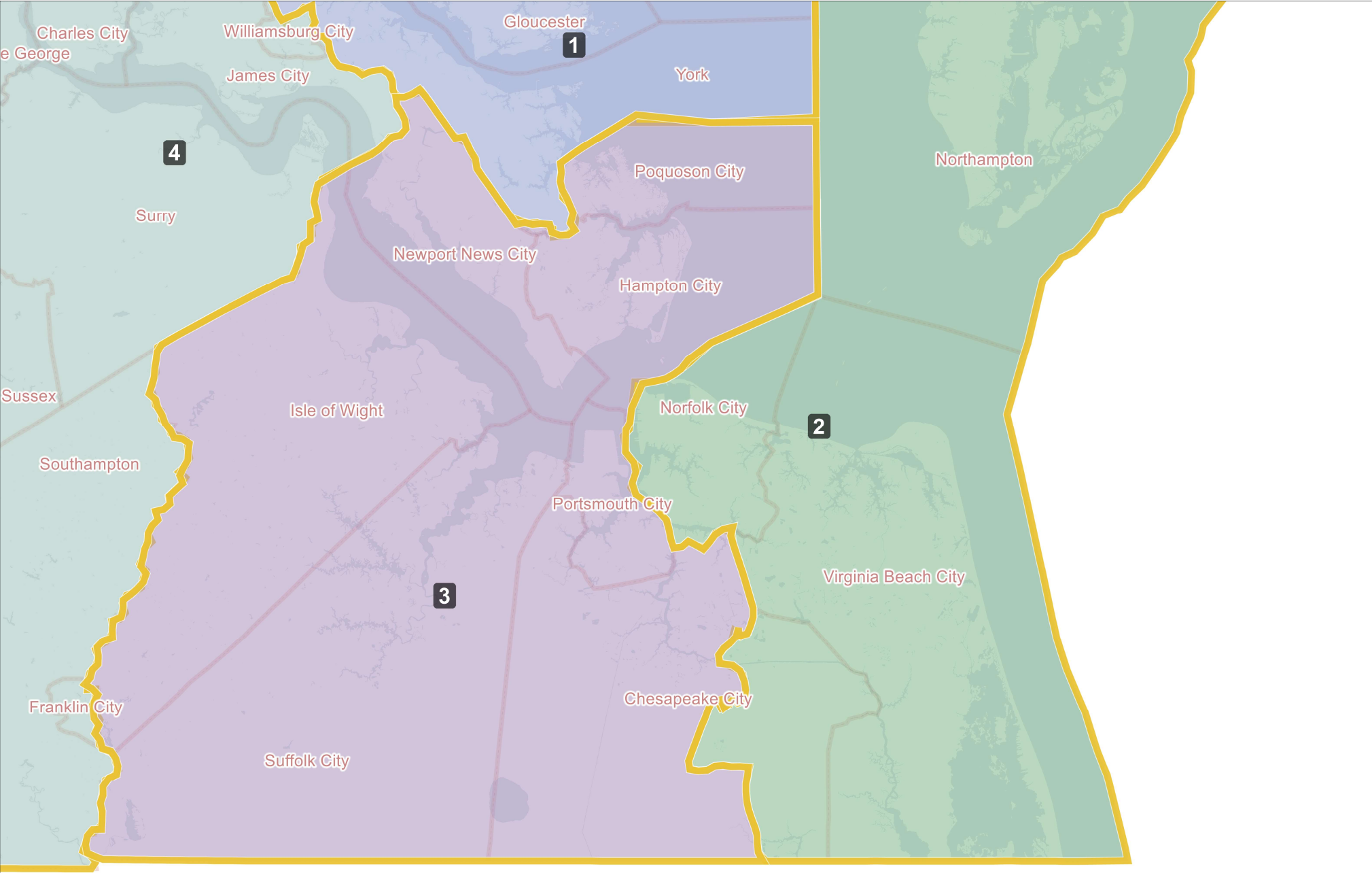
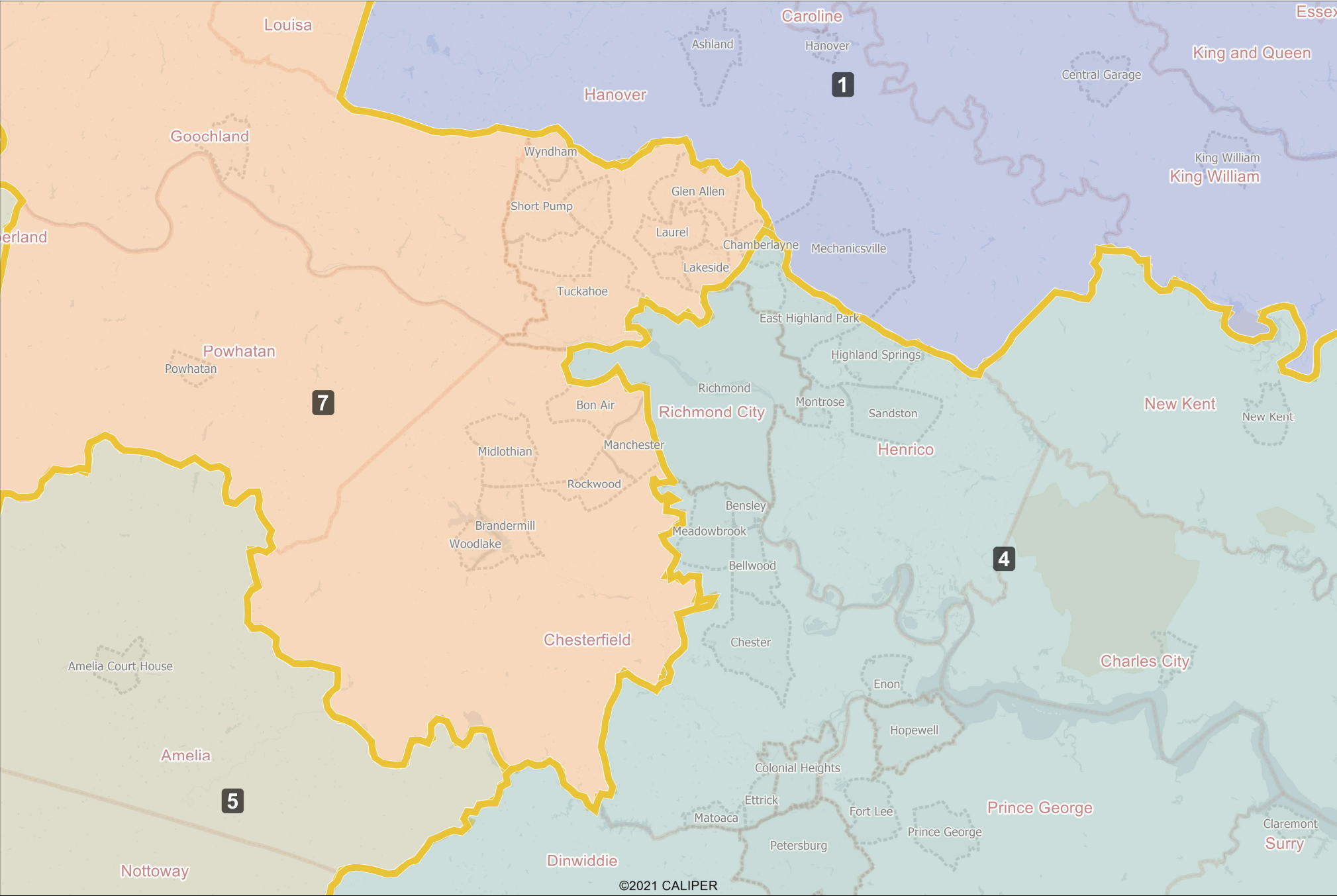


FIGURE 5
Greater Richmond



Louisa

Caroline

Essex

Hanover

King and Queen

Goochland

Wyndham

Ashland

Hanover

Central Garage

King William
King William

erland

Short Pump

Glen Allen

Laurel

Chamberlayne

Mechanicsville

Lakeside

Tuckahoe

East Highland Park

Powhatan
Powhatan

Highland Springs

7

Richmond

Bon Air

Manchester

Montrose

Sandston

New Kent

New Kent

Midlothian

Rockwood

Henrico

Brandermill
Woodlake

Bensley

Meadowbrook

Bellwood

4

Chesterfield

Chester

Charles City

Amelia Court House

Enon

Amelia

Hopewell

5

Colonial Heights

Prince George

Nottoway

Dinwiddie

Matoaca

Etrick

Fort Lee

Prince George

Petersburg

Claremont
Surry

From: [Lynn Chipkin](#)
To: [Redistricting](#)
Subject: Patrick County
Date: Friday, December 17, 2021 11:31:55 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Regarding the map for Patrick County, clearly the interests of the county are with Henry and Martinsville. Pairing it with Floyd and Carroll makes no sense to anyone who has lived here and understands the demographics of the region.

Thank you,
Lynn Chipkin
Woolwine, VA.

From: [Donna Granski](#)
To: [Redistricting](#)
Subject: Maps
Date: Friday, December 17, 2021 11:38:01 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Good Morning,

I am a 75+ year old retired teacher of 35 years. I have lived in Chesterfield for 44 years and beg you to keep the districts that share common needs together.

Western Chesterfield and Henrico have too many similarities to divide them.

Thank you for your kind attention,

Donna Granski

15302 Fox Briar Court

Midlothian, VA 23112

(804) 338-2367

Sent from my iPhone

From: [Kathleen Mullen](#)
To: [Redistricting](#)
Subject: Comments on Redistricting in the Mount Vernon area of Fairfax County
Date: Friday, December 17, 2021 11:58:28 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Please keep Mount Vernon together! The Super Masters' choice of new maps cuts Mt Vernon in half and includes us with West Springfield, which we do not have anything in common. Many of us have discussed and agreed on the following. These are some of many of the reason why Mount Vernon must stay together.

We are now in the 36th Senate District which would become the 34th which says we are anchored in Franconia and Springfield. It only makes sense that I-95 should be the western boundary of this district. Fairfax County has much more in common than the areas south of Occoquan in Prince William County or West of I-95. However, this map pairs the Mount Vernon District with Springfield. The Fairfax County Board of Supervisors just approved a new Magisterial District Map for our districts and they REMOVED a Springfield district because we do not share common interests. Here is a link to that map: <https://www.fairfaxcounty.gov/.../2021-adopted...>

The newly drawn Fairfax County magisterial district map is a much better representation than the Senate map as West Springfield and the communities east of I-95 are not communities of interest. An example is the Mount Vernon High School that is located on 8515 Old Mount Vernon Road that would be split in half with this map. See the map of the school boundaries on this map: https://www.fcps.edu/.../boundary-maps/Mountvernon_HS.pdf The memo that states that the 34th district is anchored in West Springfield and Franconia is not true. Looking at the map of Fairfax County AND the school boundary of Mount Vernon High School will inform the Special Masters where the boundaries should be.

The Mount Vernon Community, which contains many communities of interest which cover the area from the southern edge of Alexandria City (Belle View) all the way south down to the Prince William County line. It goes from the Potomac River west to I-95. The development of the Route 1 corridor from Old Town to Fort Belvoir (EMBARK - details here: <https://fairfaxcountygis.maps.arcgis.com/.../index.html...>) is of concern to all of the residents who live along the corridor, but is not of interest to West Springfield or even Franconia.

The Mount Vernon Estate is the anchor of the Mount Vernon community. Please take note that Mount Vernon has a very strong community with organizations like the Mount Vernon Democratic Committee, <http://mvdemocrats.com/>, MVCCA (Mount Vernon Council of Citizens' Associations) - <https://www.mvcca.org/> and VIC (Ventures in Community) - <https://venturesincommunity.org/> - Indivisible Below the Beltway (<https://www.facebook.com/indivisiblebelowthebeltway/>) all of which include members all along the Route 1 Corridor.

Mason Neck is also a part of the Mount Vernon District, as is Lorton, who have nothing in common

with the residents of Haymarket and Fredericksburg. For example: Gunston Hall Elementary is a part of our region 3 Pyramid school system and this area will become the 7th Congressional district instead of the 8th, where both are communities of interest and is where they belong.

Please consider these comments, as this affects our everyday lives.

Sincerely,

Kathleen Mullen
Concerned citizen of the Mount Vernon Community
8702 Curtis Avenue
Alexandria, VA 22309

From: [Brenda Hill](#)
To: [Redistricting](#)
Subject: Redistricting
Date: Friday, December 17, 2021 12:21:53 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Members of the Court,

Thank you for listening to the concerns of citizens in regards to redistricting maps proposed by the "masters". Please consider replacing the "masters" map with the Farkas map. The Farkas map keeps communities of interest together. Those of us living in Chesterfield and Henrico have much in common. We cross Route 288 to go to work, shop, doctors appointments, events..... Separating these communities will leave us without representation that is important to us.

Thanks again for listening to our concerns.

Brenda Hill
804-218-1717

Commonwealth of Virginia

PEBBLES L. BURGESS
DEPUTY COMMONWEALTH'S ATTORNEY

JANICE L. DAVIS
ASSISTANT COMMONWEALTH'S ATTORNEY



PATRICK R. MCCLINTOCK
ASSISTANT COMMONWEALTH'S ATTORNEY

TELEPHONE: (276) 935-6519
FAX: (276) 935-5781

MR. GERALD D. ARRINGTON
COMMONWEALTH'S ATTORNEY FOR BUCHANAN COUNTY
P. O. BOX 804 - GRUNDY, VIRGINIA 24614

December 17, 2021

Muriel Theresa-Pitney, Clerk of the Court
Supreme Court of Virginia
P.O. Box 1315
100 North Ninth Street, 5th Floor
Richmond, VA 23219-1315
Via email: redistricting@vacourts.gov

RE: Rules and Procedures for Implementing the Requirements of Article II,
Section 6-A --- Including Buchanan County in Proposed Senate District 5

Dear Ms. Theresa-Pitney, Special Masters, and Justices of the Supreme Court of Virginia:

I am writing you today to express my concerns regarding the proposed redistricting of Virginia's Senatorial Districts, particularly the inclusion of Buchanan County into proposed district 6 as opposed to district 5. I applaud all the effort and hours of hard work that many people have dedicated to creating what each believes to be the best map that can be drawn, and I understand that no map will ever be perfect. With that being said, I sincerely believe that it is in Buchanan County's best interest to be included in the 5th district.

As a citizen there are many reasons that I could provide you as to why Buchanan County should be included in the district. Those reasons include the sharing of the US 460 corridor, the shared mining industry (there are multiple mines that exist in both counties even though the entrance is in one county or the other) our joint ventures through the regional IDA, and so many others.

Today, I write you as the Commonwealth's Attorney for Buchanan County and want to focus on my concerns with the splitting of Buchanan and Tazewell Counties into two separate districts. While I could write pages as to all the reasons and rationale, I will focus on trying to put forth some of the most important reasons as succinctly as possible.

First, from a law enforcement perspective, Buchanan County is uniquely situated geographically. We are bordered by Kentucky on the western side of the county, West

Virginia on the northern side of our county, and Tazewell County on the eastern side. On its face, this doesn't seem particularly notable, but it is quite significant for many reasons. US 460 by way of the Mountain Parkway runs from Lexington, Kentucky through Pike County and the city of Pikeville, Kentucky into Buchanan County, Virginia. This route is used to transport illegal narcotics from Lexington, Kentucky into Buchanan County and Virginia as a whole. US 460 runs through both our county seat, Grundy, and Tazewell's county seat, Tazewell, and ends in Virginia Beach, Virginia.

In addition to sharing the US 460 corridor, both Buchanan and Tazewell Counties share their northern borders with West Virginia. Our bordering counties in West Virginia have some of the nation's most affected counties when it comes to illicit drug use. McDowell County has led the nation in the past with the most overdose deaths per capita. Buchanan and Tazewell Counties, unfortunately, have led Virginia in overdose deaths per capita in years past. Again, we have similar concerns and interests from a law enforcement perspective. Narcotics regularly come across the borders through the "backwoods" but we also see a significant quantity of illegal drugs coming into Buchanan County out of West Virginia's cities of Princeton and Bluefield, which are both on US-460 and those narcotics are transported through Tazewell County into Buchanan County.

Second, from a judicial efficiency perspective, Buchanan and Tazewell Counties comprise the majority of the 29th Judicial Circuit. Tazewell leads the four-county circuit with the most significant number of cases with Buchanan County and Russell County typically seeing a similar case load. I believe that whenever possible, a judicial circuit should share the same legislators given their duty and authority to appoint the judiciary that serves the circuit.

Finally, I believe that it is important for both Buchanan and Tazewell County to share the same legislators. There are many reasons for this that are unrelated to law enforcement, but this sharing is beneficial to law enforcement and public safety. We currently, and as drawn, will continue to share the same representative in the House of Delegates. By sharing the same Senator, it allows our counties to combine our efforts to talk with our shared representatives about public safety concerns. These discussions range from concerns for police officers' safety while working the streets to Commonwealth's Attorneys seeing legislative "fixes" that need to be enacted to further protect public safety or to ensure that citizens' rights are not infringed upon.

In sum, as Commonwealth's Attorney for Buchanan County I truly believe that our shared interests with Tazewell County are so interwoven that it would be devastating to split our counties into two separate Senatorial Districts. Thank you for your time, your consideration, and all your hard work.

Sincerely,



Gerald D. Arrington

Joe G. Street
1226 Clear Creek Road
Vansant, VA 24656

December 17, 2021

Ms. Muriel-Theresa Pitney
Clerk of the Supreme Court of Virginia

Dear Ms. Pitney,

It is my understanding that through redistricting in the State Senate, that Buchanan County will be moved from Senate District 5 to Senate District 6. The proposed change will move Buchanan County's Senator to Todd Pillion instead of Travis Hackworth. Although we feel that Todd Pillion is an excellent State Senator, Travis Hackworth was born and raised in Buchanan County. His native roots give him a leg up on understanding the county and its people. I feel that it would be a disadvantage for Buchanan County to lose Travis Hackworth as its State Senator. Please consider leaving Buchanan County as part of Senate District 5 during the redistricting process.

Sincerely,



Joe Street

Pete Savage
1104 Winter Wren St.
Grundy, VA 24614

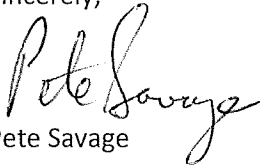
December 17, 2021

Ms. Muriel-Theresa Pitney
Clerk of the Supreme Court of Virginia

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Sincerely,


Pete Savage

Jessica Dotson
1302 Granny Road
Pilgrims Knob, VA 24634

December 17, 2021

Ms. Muriel-Theresa Pitney
Clerk of the Supreme Court of Virginia

Dear Ms. Pitney,

It is my understanding that through redistricting in the State Senate, that Buchanan County will be moved from Senate District 5 to Senate District 6. The proposed change will move Buchanan County's Senator to Todd Pillion instead of Travis Hackworth. Although we feel that Todd Pillion is an excellent State Senator, Travis Hackworth was born and raised in Buchanan County. His native roots give him a leg up on understanding the county and its people. I feel that it would be a disadvantage for Buchanan County to lose Travis Hackworth as its State Senator. Please consider leaving Buchanan County as part of Senate District 5 during the redistricting process.

Sincerely,

A handwritten signature in black ink that reads "Jessica Dotson". The signature is written in a cursive, flowing style with a large initial "J" and a long, sweeping underline.

Jessica Dotson

Jessica Vanover
2221 Elkins Branch Road
Grundy, VA 24614

December 17, 2021

Ms. Muriel-Theresa Pitney
Clerk of the Supreme Court of Virginia

Dear Ms. Pitney,

It is my understanding that through redistricting in the State Senate, that Buchanan County will be moved from Senate District 5 to Senate District 6. The proposed change will move Buchanan County's Senator to Todd Pillion instead of Travis Hackworth. Although we feel that Todd Pillion is an excellent State Senator, Travis Hackworth was born and raised in Buchanan County. His native roots give him a leg up on understanding the county and its people. I feel that it would be a disadvantage for Buchanan County to lose Travis Hackworth as its State Senator. Please consider leaving Buchanan County as part of Senate District 5 during the redistricting process.

Sincerely,

A handwritten signature in black ink that reads "Jessica Vanover". The signature is written in a cursive, flowing style.

Jessica Vanover

Tina Clevinger
2219 Belchers Fork Road
Grundy, VA 24614

December 17, 2021

Ms. Muriel-Theresa Pitney
Clerk of the Supreme Court of Virginia

Dear Ms. Pitney,

It is my understanding that through redistricting in the State Senate, that Buchanan County will be moved from Senate District 5 to Senate District 6. The proposed change will move Buchanan County's Senator to Todd Pillion instead of Travis Hackworth. Although we feel that Todd Pillion is an excellent State Senator, Travis Hackworth was born and raised in Buchanan County. His native roots give him a leg up on understanding the county and its people. I feel that it would be a disadvantage for Buchanan County to lose Travis Hackworth as its State Senator. Please consider leaving Buchanan County as part of Senate District 5 during the redistricting process.

Sincerely,



Tina Clevinger

Jessica Savage
1104 Winter Wren St.
Grundy, VA 24614

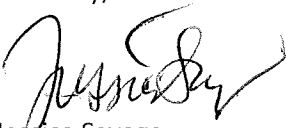
December 17, 2021

Ms. Muriel-Theresa Pitney
Clerk of the Supreme Court of Virginia

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Sincerely,



Jessica Savage

Kenneth Roulett
3197 Lovers Gap Road
Vansant, VA 24656

December 17, 2021

Ms. Muriel-Theresa Pitney
Clerk of the Supreme Court of Virginia

Dear Ms. Pitney,

It is my understanding that through redistricting in the State Senate, that Buchanan County will be moved from Senate District 5 to Senate District 6. The proposed change will move Buchanan County's Senator to Todd Pillion instead of Travis Hackworth. Although we feel that Todd Pillion is an excellent State Senator, Travis Hackworth was born and raised in Buchanan County. His native roots give him a leg up on understanding the county and its people. I feel that it would be a disadvantage for Buchanan County to lose Travis Hackworth as its State Senator. Please consider leaving Buchanan County as part of Senate District 5 during the redistricting process.

Sincerely,

A handwritten signature in black ink, appearing to read "Kenneth Roulett", with a stylized, cursive script.

Kenneth Roulett

SENT VIA EMAIL TO Redistricting@vacourts.gov

Re: Decennial Redistricting Pursuant to the U.S. Constitution, the Constitution of Virginia, and the Code of Virginia

December 15, 2021

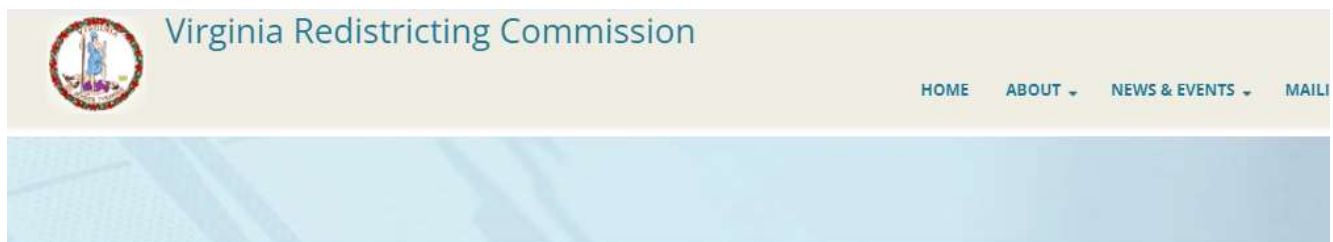
Honorable Muriel-Theresa Pitney, Clerk of Court
 Supreme Court of Virginia
 P.O. Box 1315
 100 North Ninth Street
 Richmond, VA 23219-1315

To the Clerk of Court and the Justices of the Supreme Court of Virginia,

I write to extend several insights on the Special Masters Draft redistricting plans.

I have no partisan affiliation or interests, nor any personal connections to a party, interest group, elected official or candidate with an interest in the Virginia redistricting process. I am a faculty member in the Department of Politics at the University of Virginia. For the past 31 years, my research, publication and teaching areas have included GIS, the U.S. Census, the history of Virginia elections, and the topics of apportionment, redistricting, and electoral administration. I regularly teach GIS-related courses at the University of Virginia, including a course on redistricting. In 2011, my UVA students won most of the awards in the Virginia university public redistricting competition, and a former UVA student of mine served as an appointed member on the 2021 Virginia Redistricting Commission. In addition, in 2011 I served as a GIS and election expert on the Charlottesville Reprecincting Committee that redrew the City's precinct boundaries to align with the requirements of the Virginia Code. Finally, between 2000 and 2007, I directed an exploratory effort involving hundreds of UVA students who helped to create the [first online historical database of Virginia elections](#), election districts and elected officials from 1776 to the present. The initial form of this historical database remains available online, but its final form and much (but not all) of the collected data is now housed and curated by the [Virginia Board of Election Historical Database](#).

My first concern regarding the Special Masters draft plans relates to the Special Masters assumption that the Prisoner-adjustment process required by the VA Code (§ 24.2-314) has been correctly “implemented in [the Division of] Legislative Services’ data.” The highlighted prison-adjustment datafiles from the Commission, however, contain both a serious error and a problematic omission.



Data Downloads

Statewide 2020 geodatabase containing Counties, VTDs, and Blocks with prison adjusted population and election results and selected primary election results (.zip)

Statewide 2020 GeoPackage containing Counties, VTDs, and Blocks with prison adjusted population and election results (.zip file)

Statewide 2020 geodatabase containing Counties, VTDs, and Blocks with prison adjusted population and election results (.zip file)

As indicated in the screenshot below, the Redistricting Commission's prison-adjusted data erroneously reports there are 21 Virginia Census blocks with negative (!) populations. Unlike a typographical mistake, an error like this typically indicates a systemic data-processing problem. If left uncorrected, this datafile will undermine the Court's effort to comply with the U.S. and Virginia constitutional expectation for election district population equality.







R	PRES12L	PRES12C	PRES12G	PRES12TOTV	PRADJPOP	ADJPOP
0	0	0	0	0	-700	-700
2	0	0	0	4	-694	-675
16	10	6	5	270	-1051	-422
39	2	4	1	266	-1179	-371
0	0	0	0	0	-351	-351
0	0	0	0	2	-345	-341
0	0	0	0	0	-284	-284
0	0	0	0	0	-268	-268
12	4	3	1	148	-531	-202
1	0	0	0	2	-181	-176
2	0	0	0	43	-214	-144
39	3	2	0	156	-436	-114
22	0	0	0	44	-254	-93
24	1	0	0	58	-207	-62
33	1	4	0	97	-320	-50
38	8	4	3	358	-840	-44
19	0	0	0	33	-104	-43
19	0	0	0	41	-132	-32
27	1	0	0	85	-339	-30
18	0	1	0	49	-126	-19
23	1	0	0	43	-100	-2
0	0	0	0	0	0	0

My second concern relates to the apparent fact that the Redistricting Commission's datafiles do not readjust Virginia's 2020 Census block populations to reflect "the race and ethnicity" of Virginia's incarcerated persons in the population count of the locality in which he is deemed to reside" (§ 24.2-314 D.). According to the Virginia Redistricting Commission data, 41,855 incarcerated persons in 103 Census blocks were reassigned to 24,035 home residency Census blocks and yet the race/ethnicity of these individuals was not adjusted in either the original or new home residency Census blocks. Before authorizing any new Virginia redistricting plans, the Virginia Supreme Court needs to inquire if the Redistricting Commission prison-adjusted data is in compliance with the expectations of the Voting Rights Act.

My third concern is that in the wake of the Virginia Redistricting Commission's wholesale failure the Special Masters draft plans will be accepted without a clear or public demonstration that they best satisfy the constitutional and statutory criteria governing the creation of election districts in Virginia. **To test the possibility that the Special Masters plans are not providential or optimal, I offer 6 alternative U.S. House District plans, which I assess and compare against the Special Masters plan.** Four constitutional and statutory criteria highlighted by the Special Masters are adopted as the benchmarks by which each plan is assessed. These four benchmarks are:

- 1) *District population equality,*
- 2) *Protection and promotions of voting rights,*
- 3) *District Compactness, and*
- 4) *Minimization of Locality Splits.*

As the tables below reveal, the Special Masters Congressional District Plan clearly are suboptimal in three benchmark categories (1,3,4), with one category (2) open to interpretation by the Court and others.

DistrictBuilder URL	6 Alternative U.S. House District Plans
<p>UVA-1 U.S. Districts_8 Splits_32% Compactness</p> <p>https://app.districtbuilder.org/projects/81194c4b-da35-4f10-b2c4-47c65c877a14</p>	
<p>UVA-2 U.S. Districts_10 Splits_31% Compactness</p> <p>https://app.districtbuilder.org/projects/8e412a6c-a0cf-4461-beca-7d5cb5fec101</p>	
<p>UVA-3 U.S. Districts_10 Splits_32% Compactness</p> <p>https://app.districtbuilder.org/projects/d9a0e0b6-399c-4e88-a468-adaa451cad2d</p>	
<p>UVA-4 U.S. Districts_10 Splits_35% Compactness</p> <p>https://app.districtbuilder.org/projects/8422d4d8-6e34-47b1-af54-11541489fb6f</p>	
<p>UVA-5 U.S. Districts_11 Splits_35% Compactness</p> <p>https://app.districtbuilder.org/projects/d045fee5-ca41-4f4f-a6a6-fab7eb3c3ffc</p>	
<p>UVA-6 U.S. Districts_12 Splits_36% Compactness</p> <p>https://app.districtbuilder.org/projects/5ef335a0-f9a1-434c-8de9-ebf74272f9f1</p>	

1) District Population Equality

In *Karcher v. Daggett* (1983), the U.S. Supreme Court interpreted the “as nearly as practicable” population equality standard for Congressional districts as requiring a good faith effort to achieve the smallest possible district population deviations. The Special Masters Congressional Plan clearly fails to meet this standard. As Table 1 reveals, each of the 6 alternative plans more closely satisfies the *Karcher* minimalist standard at both the individual district levels and at the level of a plan’s average deviation.

Table 1

11 Congressional Districts	Special Master	UVA-6 12 Splits- 36% Compactness	UVA-5 11 Splits- 35% Compactness	UVA-4 10 Splits- 35% Compactness	UVA-3 10 Splits- 32% Compactness	UVA-2 10 Splits- 31% Compactness	UVA-1 8 Splits- 32% Compactness
Average Deviation	896 0.11%	376 0.05%	428 0.05%	462 0.06%	307 0.04%	290 0.04%	351 0.04%
District with least deviation	-219 -0.03%	124 0.02%	124 0.02%	132 -0.02%	16 0.00%	16 0.00%	16 0.00%
	-306	132	132	-158	92	88	-83
	-319	-158	-158	-240	102	102	102
	-531	225	-240	307	204	-164	160
	716	-240	348	348	-256	204	204
	-1059	-307	512	512	352	352	352
	1068	348	549	549	-413	402	-413
	-1236	549	-576	-576	-424	-413	433
	-1259	-576	-594	692	433	-424	-595
	1349	692	692	-777	490	433	662
District with most deviation	1797 0.23%	-788 -0.10%	-788 -0.10%	-788 -0.10%	-595 -0.08%	-595 -0.08%	-837 -0.11%

2) Protection and promotions of voting rights

The federal Voting Rights Act prohibits discriminatory voting practices against racial/ethnic minorities, including election districts that create an “ineffective minority” or an “excessive majority.” When required remedially and where possible spatially, the VRA affirmatively promotes state creation of election districts that afford underrepresented minority voters the “opportunity to elect candidates of their choice.” Virginia State law extends these protections and opportunities by recognizing minority “Coalition” opportunity districts in which the “white” population is less than 50% (Va. Code Ann. §24.2-304.04(4)).

Although federal and state courts are the final arbiters of how a redistricting plan best advances the protection of voting rights, this should not preclude a clear and public assessment and comparison of the Special Masters draft plans relative to other alternative plans. Table 2 affords this opportunity for the Court and others to review. What seems evident is that none of the 7 evaluated plans yields a conventionally-understood VRA “majority minority” district, and the Special Masters plan creates two “coalition opportunity” districts whereas the other plans create 4-5 similar districts.

Table 2

11 Congressional Districts	Special Masters	UVA #6-12 Splits-36% Compactness	UVA #5 11 Splits-35% Compactness	UVA #4 10 Splits-35% Compactness	UVA #3 10 Splits-32% Compactness	UVA #2 10 Splits-31% Compactness	UVA #1 8 Splits-32% Compactness
# of VRA Majority Minority Districts	0	0	0	0	0	0	0
# "Coalition" Majority Districts	2	5	5	5	4	5	5
District-1	Total: 54.0% Black (45.3%) Hispanic (3.5%) Asian (2.0%)	Total: 59% Black (47%) Hispanic (8%) Asian (4%)			Total: 61% Black (48%) Hispanic (8%) Asian (5%)	Total: 61% Black (48%) Hispanic (8%) Asian (5%)	Total: 61% Black (48%) Hispanic (8%) Asian (5%)
District-2	Total 54.01% Black (44.5%) Hispanic (5.2%) Asian (2.9%)	Total 50% Black (33%) Hispanic (10%) Asian (7%)			Total 47% Black (30%) Hispanic (10%) Asian (7%)	Total 54% Black (39%) Hispanic (10%) Asian (5%)	Total 54% Black (35%) Hispanic (10%) Asian (7%)
District-3		Total 59% Black (18%) Hispanic (23%) Asian (18%)			Total 57% Black (21%) Hispanic (23%) Asian (13%)	Total 57% Black (21%) Hispanic (23%) Asian (13%)	Total 57% Black (21%) Hispanic (23%) Asian (13%)
District-4		Total 52% Black (16%) Hispanic (21%) Asian (15%)			Total 50% Black (16%) Hispanic (19%) Asian (15%)	Total 50% Black (16%) Hispanic (19%) Asian (15%)	Total 50% Black (16%) Hispanic (19%) Asian (15%)
District-5		Total 50% Black (9%) Hispanic (14%) Asian (27%)			Total 50% Black (8%) Hispanic 15% Asian (26%)	Total 50% Black (8%) Hispanic 15% Asian (26%)	Total 50% Black (8%) Hispanic 15% Asian (26%)

3) District Compactness

The third evaluative benchmark is “District compactness.” There are many different mathematical ways of measuring the property of “compactness” and all offer only partially adequate measurements of the highly irregular spatial boundary properties of U.S. states, localities, and the hierarchical scale of U.S. Census block geographies. The Special Masters employ the two most conventional methods for measuring district compactness. Table 3 reports the Polsby-Popper Compactness scores for the 7 evaluated plans, clearly revealing that the Special Masters Plan is not the most compact plan possible.

Table 3

11 Congressional Districts	Special Masters	UVA #6-12 Splits-36% Compactness	UVA #5 11 Splits-35% Compactness	UVA #4 10 Splits-35% Compactness	UVA #3 10 Splits 32% Compactness	UVA #2 10 Splits-31% Compactness	UVA #1 8 Splits-32% Compactness
Average Compactness	29%	36%	35%	35%	32%	31%	32%
Least Compact	20%	22%	22%	21%	22%	23%	20%
	21%	26%	24%	22%	24%	24%	24%
	22%	27%	27%	24%	25%	25%	25%
	25%	34%	34%	34%	25%	25%	25%
	26%	36%	36%	36%	30%	25%	30%
	30%	36%	36%	36%	32%	28%	33%
	31%	42%	38%	38%	33%	30%	33%
	34%	42%	42%	42%	34%	33%	34%
	34%	42%	42%	42%	36%	34%	37%
	40%	43%	42%	42%	41%	41%	41%
Most Compact	40%	44%	43%	43%	51%	51%	51%

4) Minimization of Locality Splits

The fourth evaluative benchmark is “Minimization of Locality splits.” The Special Masters should be commended for their efforts to protect the integrity of the 133 local political communities that are legally recognized in the state of Virginia. Residents of a state may or may not decide to participate in or to self-identify with other super or sub-local “communities of interest,” but every resident is directly affected by the shared interests, institutions and decisions of their local governments. Locality-first redistricting offers a rationality that corrects many of the worse self-interested abuses of redistricting processes controlled by political elites, parties and incumbents. As the Special Masters mention several times in their narrative, their draft plan is a great improvement over the existing set of Congressional districts. How much of an improvement is not reported, nor it seems is the final number of locality splits specified in their draft plan narrative: is it 10 or 11? As reported in Table 4, the 6 alternative plans demonstrate that compact, population equal, VRA-compliant Congressional districts can be formed in Virginia without dividing more than 12 of Virginia’s localities. Table 4 also indicates that this multi-dimensional goal can be achieved with as few as 8 locality divisions.

Table 4

	2011 Adopted Plans	Special Masters	UVA #6 12 Splits- 36%	UVA #5 11 Splits- 35%	UVA #4 10 Splits- 35%	UVA #3 10 Splits- 32%	UVA #2 10 Splits- 31%	UVA #1 8 Splits- 31%
U.S. House	37	?	12	11	10	10	10	8
Virginia Senate	124	?						
Virginia House	197	?						

In closing, I hope this brief assessment deepens the capacities of the Virginia Supreme Court to evaluate the Special Masters draft plans and the set of possibilities available for the selection of Congressional and General Assembly districts that will best serve the residents of Virginia until the next decennial Census in 2030. As important, I want to encourage the Court to see their role in 2021 as a first important contribution to fixing the broken and dysfunctional partisan-based redistricting process that led to this highly unusual moment in which a set of unelected judges are required to create and to impose a new set of election district boundaries for the residents and voters of the state.

Sincerely,
 Charles A. Kromkowski, Ph.D.
 Department of Politics
 University of Virginia
 P.O. Box 400787
 Charlottesville, VA 22904

From: [Dan Hosek](#)
To: [Redistricting](#)
Subject: Comments on the redistricting
Date: Friday, December 17, 2021 1:05:48 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Redistricting Committee,

I am writing to petition the redistricting courts to not divide the Mount Vernon community of Northern Virginia in half. The maps that have been drawn for the Congressional District 8 and the Senate District 34 seem to do just that. Congressional District 8 map is especially bad, as citizens of Mount Vernon are now split, with the part split away going into a district that contains both Haymarket and Fredericksburg, which are communities with very different focuses.

It is more logical to continue to maintain the area north of the Occoquan River as a part of the Mount Vernon District, and also to maintain the Mount Vernon Estate in this district. All of our children attend Fairfax County Schools, and we should all be represented in the State Senate as one. I realize that this change will require a rebalancing of Districts 7, 8 and 11, but I think that this could be accomplished, while still not ripping apart long standing communities of interest in any of those Districts.

Regards,

Dan Hosek
Collingwood Springs

From: [Manjula Ambur](#)
To: [Redistricting](#)
Subject: VA Redistricting Concerns about House of Delegate Districts 69 and 71
Date: Friday, December 17, 2021 1:20:57 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

VA Redistricting concerns about House of Delegate Districts 69 and 71

I am Mrs. Manjula Ambur, resident of York County over the past 32 years. I am writing this email to express my serious concerns about the newly drawn Virginia maps for House of Delegates Districts 69th and 71st.

I am very concerned about Williamsburg and lower James City county not being part of District 69 and the details are given below. I very much appreciate your consideration of these issues and consider including Williamsburg and James City county in District 69.

- Williamsburg has always been part of Hampton Roads and should be considered to be part of Delegate District 69 as it has more in common socio economically with this District. Now it is being proposed to be in the District 71 with Richmond extended areas that does not seem to have that much in common.
- Williamsburg and lower James City County rely on same services such as Transportation, Healthcare, and Social services that are in Williamsburg. So it is very beneficial for both to be in the same House Delegate District 69.
- Small part Gloucester is included in House Delegate District 69 and it should be part of the district with the rest of the Gloucester on the other side of the York River.

Thank you for your consideration
Mrs. Manjula Ambur

myambur@gmail.com

757-869-0251

--

Manjula Ambur, M.S

Associate CIO for AI and Data Science (Retired)

NASA Langley Research Center

Hampton, VA

CURRENT INTERESTS: Democracy, Climate, Education, and Food Bank

From: [Sean Regan](#)
To: [Redistricting](#)
Subject: Rules and Procedures for Implementing the Requirements of Article II, Section 6-A. A
Date: Friday, December 17, 2021 1:52:03 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

To the Clerk of the Supreme Court of Virginia:

I am a member of the Herndon Town Council but am writing as a private citizen of the Commonwealth. The Town of Herndon should not be split between districts at any level of government.

Thank you,
Sean Regan

Muriel Theresa-Pitney, Clerk of the Court
Supreme Court of Virginia
P.O. Box 1315
100 North Ninth Street, 5th Floor
Richmond, VA 23219-1315

Via email: redistricting@vacourts.gov

RE: Rules and Procedures for Implementing the Requirements of Article II,
Section 6-A --- Including Buchanan County in Proposed Senate District 5

Dear Ms. Theresa-Pitney, Special Masters, and Justices of the Supreme Court of Virginia:

I am writing you today to express my concerns regarding the proposed redistricting of Virginia's Senatorial Districts, particularly the inclusion of Buchanan County into proposed district 6 as opposed to district 5.

As a citizen of Buchanan County there are many reasons that I could provide you as to why Buchanan County should be included in district 5. I will try to keep my letter short and focus on some of the most important.

First, and maybe foremost, is our shared economic interests. Both Buchanan and Tazewell Counties are coal mining economies. In fact, multiple coal mines run across county lines despite the mine entrance being in one county or the other. This generates taxes and revenue for both counties as well as providing good paying jobs to citizens of both counties.

Despite having the coal industry, both counties have determined that we must diversify our economy. Both counties have begun aggressive tourism campaigns that share many similar offerings and opportunities for joint ventures. These range from traditional outdoor activities such as fishing, kayaking, and camping to the development of a trail system for ATVs ("four-wheelers") and UTVs ("side by sides") to travel through our rugged mountains.

Not only do we share these economic interests, but they also distinguish Buchanan County from many of the counties that are in the proposed 6th district. For example, Washington county has a very diversified economy as a result of its historic preservation, its hospitals and medical facilities, and its location on Interstate I-81. Its location in proximity to the interstate puts its economic interests much more in line with its neighbor Smyth County, which is also located in the I-81 corridor, than Buchanan County. Similarly, while our neighbor, Russell County, shares some coal interests, much of its industry is farming and cattle ranching. Further, a significant portion of Russell County's residents work in Washington County or the City of Bristol. Again, our economic interests with Tazewell County are much more similarly aligned. Finally, our other neighbor, Dickenson County, again shares some interest in the coal industry, but its proximity to Wise County results in more traffic and commerce between those

counties than what exists between Buchanan and Dickenson County. For these reasons, I believe that our interests are more commonly aligned with Tazewell County and many of the rural counties in the proposed district 5.

Second, Buchanan and Tazewell Counties have come together to begin several joint ventures through a regional IDA which will allow the creation of jobs and generation of revenue that will serve the citizens of both counties. Project Jonah, an aquaculture venture (or “fish farm” as we like to call it), is presently being constructed in Tazewell County. Due to the unique arrangement, despite its location in our neighboring county, Buchanan County will receive a significant portion of the revenue. This not only helps generate much needed income for our county, but also more job opportunities for the citizens of Buchanan County. This is one of the first of what we hope to be many joint ventures with Tazewell County.

Finally, Buchanan and Tazewell Counties share the US 460 corridor. This highway is the lifeline of rural far southwest Virginia and is used by our citizens, businesses, and suppliers to access I-75 in Tazewell County. Because of this corridor, businesses in each county serve customers from both counties. Families often live in one county and work in the other because we both have easy access to jobs in the other county due to the convenience of a major four lane highway (as opposed to the narrow and curvy roads that Buchanan Countians must use to access other counties). Also because of a significant common border and shared economies, families are often split by the county lines with some family members living in Buchanan County while others live in Tazewell County.

In sum, as a citizen of Buchanan County I truly believe that our shared interests with Tazewell County are so interwoven that it would be devastating to split our counties into two separate Senatorial Districts. Thank you for your time, your consideration, and all your hard work.

Sincerely,

Latasha N. Hagerman

From: [John Taylor](#)
To: [Redistricting](#)
Cc: [Leon Boyd](#)
Subject: Citizen Letter re SCV Redistricting
Date: Friday, December 17, 2021 2:02:40 PM
Attachments: [Citizen letter to Senate.docx](#)

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Muriel Theresa-Pitney, Clerk of the Court
Supreme Court of Virginia
P.O. Box 1315
100 North Ninth Street, 5th Floor
Richmond, VA 23219-1315

Via email: redistricting@vacourts.gov

RE: Rules and Procedures for Implementing the Requirements of Article II,
Section 6-A --- Including Buchanan County in Proposed Senate District
5

Dear Ms. Theresa-Pitney, Special Masters, and Justices of the Supreme Court of Virginia:

I am writing you today to express my concerns regarding the proposed redistricting of Virginia's Senatorial Districts, particularly the inclusion of Buchanan County into proposed district 6 as opposed to district 5.

As a citizen of Buchanan County there are many reasons that I could provide you as to why Buchanan County should be included in district 5. I will try to keep my letter short and focus on some of the most important.

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Despite having the coal industry, both counties have determined that we must diversify our economy. Both counties have begun aggressive tourism campaigns that share many similar offerings and opportunities for joint ventures. These range from traditional outdoor activities such as fishing, kayaking, and camping to the development of a trail system for ATVs ("four-wheelers") and UTVs ("side by sides") to travel through our rugged mountains.

Not only do we share these economic interests, but they also distinguish Buchanan County from many of the counties that are in the proposed 6th district. For example,

Washington county has a very diversified economy as a result of its historic preservation, its hospitals and medical facilities, and its location on Interstate I-81. Its location in proximity to the interstate puts its economic interests much more in line with its neighbor Smyth County, which is also located in the I-81 corridor, than Buchanan County. Similarly, while our neighbor, Russell County, shares some coal interests, much of its industry is farming and cattle ranching. Further, a significant portion of Russell County's residents work in Washington County or the City of Bristol. Again, our economic interests with Tazewell County are much more similarly aligned. Finally, our other neighbor, Dickenson County, again shares some interest in the coal industry, but its proximity to Wise County results in more traffic and commerce between those counties than what exists between Buchanan and Dickenson County. For these reasons, I believe that our interests are more commonly aligned with Tazewell County and many of the rural counties in the proposed district 5.

Second, Buchanan and Tazewell Counties have come together to begin several joint ventures through a regional IDA which will allow the creation of jobs and generation of revenue that will serve the citizens of both counties. Project Jonah, an aquaculture venture (or "fish farm" as we like to call it), is presently being constructed in Tazewell County. Due to the unique arrangement, despite its location in our neighboring county, Buchanan County will receive a significant portion of the revenue. This not only helps generate much needed income for our county, but also more job opportunities for the citizens of Buchanan County. This is one of the first of what we hope to be many joint ventures with Tazewell County.

Finally, Buchanan and Tazewell Counties share the US 460 corridor. This highway is the lifeline of rural far southwest Virginia and is used by our citizens, businesses, and suppliers to access I-75 in Tazewell County. Because of this corridor, businesses in each county serve customers from both counties. Families often live in one county and work in the other because we both have easy access to jobs in the other county due to the convenience of a major four lane highway (as opposed to the narrow and curvy roads that Buchanan Countians must use to access other counties). Also because of a significant common border and shared economies, families are often split by the county lines with some family members living in Buchanan County while others live in Tazewell County.

I also believe personally, that this initially started as a political gerrymandering ploy, before Virginia recently turned Red. We are Fine, the way we are. Please leave it be.

In sum, as a citizen of Buchanan County I truly believe that our shared interests with Tazewell County are so interwoven that it would be devastating to split our counties into two separate Senatorial Districts. Thank you for your time, your consideration, and all your hard work.

Sincerely,

John Taylor
SWVA Sportsmen-Director

PO Box 269
Vansant Va.24656
276-596-3987 cell

From: [Michael Gropman](#)
To: [Redistricting](#)
Subject: General Assembly Map
Date: Friday, December 17, 2021 2:03:44 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

My wife and I have lived in our house in Burke Centre since July, 2006. I have Delegate Eileen Filler Corn and Senator Dave Marsden as my representatives to the General Assembly. Under the new maps I will not be there in their district. There are some residents of Burke Centre who will have two members of the House of Delegates and two State Senators in their district. My suggestion is to have all the Burke Centre residents to have the same Delegate and State Senator.

Thanks

Michael Gropman



This email has been checked for viruses by Avast antivirus software.

www.avast.com

From: [Walkinshaw, James](#)
To: [Redistricting](#)
Cc: [Anderson, Frank](#)
Subject: Redistricting Comment from Braddock District Supervisor James Walkinshaw
Date: Friday, December 17, 2021 2:08:46 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

I represent the Braddock District on the Fairfax County Board of Supervisors and live in the Wakefield Precinct. First, I want to thank the special masters for their work in developing these proposed maps and to the court for creating an opportunity for public engagement. I recognize the immense challenge in drafting maps that meet the various legal requirements while balancing the oft-competing goals of population equalization, preservation of communities of interest, compactness, etc. That said, I would like to express some concerns with the division of some communities of interest in the Braddock District.

1. Wakefield Precinct should move from the proposed 15th House of Delegates District to the proposed 14th House of Delegates District. This change would not have a significant effect on population deviation and would ensure that both districts remain “nested” within the 35th State Senate District. Wakefield Precinct shares school attendance boundaries, commuting patterns, and public facilities like recreation centers with the neighborhoods in the proposed 14th HOD district. It is more logically located there.
2. Kings Park West (Robinson and Laurel Precincts) is one of the most established, cohesive neighborhoods in Fairfax and is clearly a community of interest. Unfortunately, it is divided in both the House and Senate maps. This should be remedied.
3. The Burke Centre Conservancy (Fairview, Burke Centre, and Terra Centre Precincts) is one of three Planned Residential Communities (PRCs) in Fairfax County. PRCs are unique zoning districts established to encourage innovative design for land use and ample open space. Their unique zoning status and management by the Burke Centre Conservancy contribute to the cohesion of the community. Its 5,862 homes make it larger than many towns and it is a clear community of interest that should not be divided.
4. The neighborhoods within the Cardinal, Keene Mill, and Irving precincts are a community of interest with the same school boundaries, commuting patterns, and concerns regarding traffic calming needs and preservation of Lake Accotink. Division of those precincts between two Board of Supervisors’ districts has caused confusion for residents and was addressed in the redistricting plan recently adopted by the Board of Supervisors. The division of these neighborhoods in both the HOD and State Senate maps will cause unnecessary confusion and should be remedied.
5. The Fairfax County neighborhoods and precincts surrounding George Mason University (Sideburn, Robinson, Woodson Precincts) are part of a community of interest that includes the City of Fairfax and George Mason University. They are most directly impacted by the

growth in student population and activities taking place on the George Mason University campus. Separating those neighborhoods from George Mason University will diminish their voice on that, and other, important issues.

From: [John Feroldi](#)
To: [Redistricting](#)
Subject: Redistricting
Date: Friday, December 17, 2021 2:18:18 PM

EXTERNAL EMAIL

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Members of the Committee:

I believe the effort to redistrict is sound and there appears to be some gerrymandering, but that is bound to happen given human beings are involved. What is most revealing are some incumbents bellyaching about there district being rearranged. That gives me comfort knowing that the effort is probably on track to accomplish the intended purpose of electoral equilibrium.

Thank you and have a nice holiday.

Very Respectfully,
John R Feroldi
703-855-1156



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Members of the Court and Special Masters,

We believe the currently proposed 41st House of Delegates District (HOD) to violate rationale outlined and described by the Special Masters within their memo sent to the Supreme Court of Virginia on December 7th, 2021. We argue the two following points are not met within outlined criteria:

1. The Community of Interest (COI) of Blacksburg, Christiansburg, and Radford is not recognized under the currently proposed draft (see below).

2. The proposed 41st House of Delegate District fails to meet the component of functional contiguity. Functional contiguity effectively requires that a representative be able to travel between any two points within a district without leaving the district. We understand this to not be an explicit requirement under contiguous guidelines outlined within the memo, as proposed districts were drawn “somewhere in between” census and functional contiguity; however, the proposed district fails to meet functional contiguity within a large portion of the proposed 41st district.

Blacksburg, Christiansburg, and Radford: The ‘True’ 41st Community of Interest

The Community of Interest that is Blacksburg, Christiansburg, and Radford are currently split between the 41st and 42nd HOD districts as drawn and require rearrangement to fulfill the proper political representation this community deserves. The three areas currently meet multiple criteria within said memo.

1. The Federal Government has defined these areas as an economic nucleus: Blacksburg, Christiansburg, and Radford are defined by the Federal Office of Management and Budget (OMB) as a Metropolitan Statistical Area (MSA). The three cities are the population nucleus of said MSA. This statistical measurement generates from the clear knowledge that nucleus areas have a high degree of economic and social integration with one another.

- ❖ According to MSA data, residents within the City of Radford are statistically as likely to commute for work to Montgomery County as they are to work within the city. For those in the city of Radford, Montgomery County is the most commuted-to area of work (<https://www.census.gov/data/tables/2015/demo/metro-micro/commuting-flows-2015.html>).
- ❖ The Aquatic Center in Christiansburg was partially funded by Virginia Tech and is the training center for the Virginia Tech Swim and Dive teams (<https://www.cacpool.com/148/Our-Mission-Vision>).
- ❖ Educational services are the leading industry of employment for all three communities. Almost 66% of the area’s employment came from Radford University and Virginia Tech in 2017. Virginia Tech is located in Blacksburg, which extends to the beginning of Christiansburg, and Radford University lies within the City of Radford (<https://nrvc.org/wp-content/uploads/2018/09/NRVRC-CEDS-Update-2018-19.pdf>).
- ❖ The Town of Christiansburg provides the central retail shopping for the surrounding communities of Radford and Blacksburg (<https://www.christiansburg.org/DocumentCenter/View/13878/2021-Audit>).

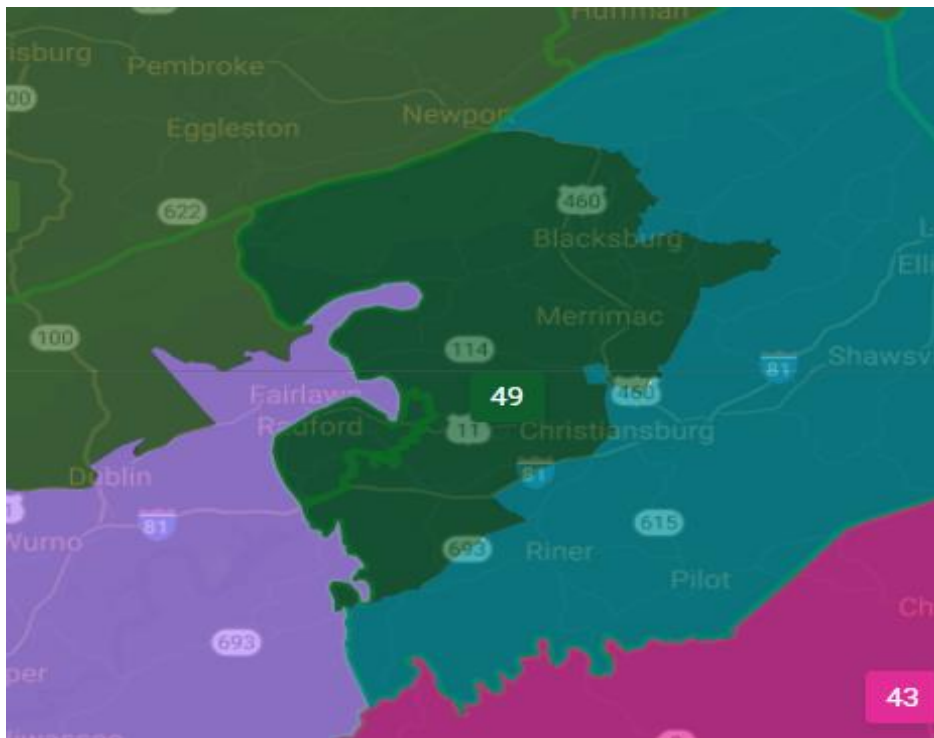
2. These areas include Supreme Court of the United States broader definitions as to what constitutes a Communities of Interest, which are “shared broadcast and print media, public transport infrastructure, and institutions such as schools and churches.”

- ❖ Shared Educational Institutions:
 - Blacksburg and Christiansburg reside in the same educational district within Montgomery County.

- Virginia Tech and Radford University share multiple joint degree programs and are a singular U.S. Army ROTC program
- ❖ Shared Public Transport Infrastructure:
 - Radford Transit (bus service) has joint stops in both Christiansburg (the area retail center) and on the Virginia Tech campus in Blacksburg. The Blacksburg Transit System extends to Christiansburg as well.
 - All personal rail travel will be centered in the future Amtrak station set for Christiansburg.

Recommendation

We respectfully recommend redrawing the proposed district to reflect the work of Michael Moriarty (House Plan 412). Moriarty's hypothetical draft preserves the Community of Interest that is Blacksburg, Christiansburg, and Radford while simultaneously honoring the criteria listed within the redistricting considerations. Moriarty's 49th district, this brief's argued COI, is attached below.



<https://www.virginiaredistricting.org/legdistricting/comments/plan/412/1>

Derek Kitts and Dillon Woods

6003 Belspring Road

Fairlawn, VA 24141

Muriel Theresa-Pitney, Clerk of the Court
Supreme Court of Virginia
P.O. Box 1315
100 North Ninth Street, 5th Floor
Richmond, VA 23219-1315

Via email: redistricting@vacourts.gov

RE: Rules and Procedures for Implementing the Requirements of Article II,
Section 6-A --- Including Buchanan County in Proposed Senate District 5

Dear Ms. Theresa-Pitney, Special Masters, and Justices of the Supreme Court of Virginia:

I am writing you today to express my concerns regarding the proposed redistricting of Virginia's Senatorial Districts, particularly the inclusion of Buchanan County into proposed district 6 as opposed to district 5.

As a citizen of Buchanan County there are many reasons that I could provide you as to why Buchanan County should be included in district 5. I will try to keep my letter short and focus on some of the most important.

First, and maybe foremost, is our shared economic interests. Both Buchanan and Tazewell Counties are coal mining economies. In fact, multiple coal mines run across county lines despite the mine entrance being in one county or the other. This generates taxes and revenue for both counties as well as providing good paying jobs to citizens of both counties.

Despite having the coal industry, both counties have determined that we must diversify our economy. Both counties have begun aggressive tourism campaigns that share many similar offerings and opportunities for joint ventures. These range from traditional outdoor activities such as fishing, kayaking, and camping to the development of a trail system for ATVs ("four-wheelers") and UTVs ("side by sides") to travel through our rugged mountains.

Not only do we share these economic interests, but they also distinguish Buchanan County from many of the counties that are in the proposed 6th district. For example, Washington county has a very diversified economy as a result of its historic preservation, its hospitals and medical facilities, and its location on Interstate I-81. Its location in proximity to the interstate puts its economic interests much more in line with its neighbor Smyth County, which is also located in the I-81 corridor, than Buchanan County. Similarly, while our neighbor, Russell County, shares some coal interests, much of its industry is farming and cattle ranching. Further, a significant portion of Russell County's residents work in Washington County or the City of Bristol. Again, our economic interests with Tazewell County are much more similarly aligned. Finally, our other neighbor, Dickenson County, again shares some interest in the coal industry, but its proximity to Wise County results in more traffic and commerce between those

counties than what exists between Buchanan and Dickenson County. For these reasons, I believe that our interests are more commonly aligned with Tazewell County and many of the rural counties in the proposed district 5.

Second, Buchanan and Tazewell Counties have come together to begin several joint ventures through a regional IDA which will allow the creation of jobs and generation of revenue that will serve the citizens of both counties. Project Jonah, an aquaculture venture (or "fish farm" as we like to call it), is presently being constructed in Tazewell County. Due to the unique arrangement, despite its location in our neighboring county, Buchanan County will receive a significant portion of the revenue. This not only helps generate much needed income for our county, but also more job opportunities for the citizens of Buchanan County. This is one of the first of what we hope to be many joint ventures with Tazewell County.

Finally, Buchanan and Tazewell Counties share the US 460 corridor. This highway is the lifeline of rural far southwest Virginia and is used by our citizens, businesses, and suppliers to access I-75 in Tazewell County. Because of this corridor, businesses in each county serve customers from both counties. Families often live in one county and work in the other because we both have easy access to jobs in the other county due to the convenience of a major four lane highway (as opposed to the narrow and curvy roads that Buchanan Countians must use to access other counties). Also because of a significant common border and shared economies, families are often split by the county lines with some family members living in Buchanan County while others live in Tazewell County.

In sum, as a citizen of Buchanan County I truly believe that our shared interests with Tazewell County are so interwoven that it would be devastating to split our counties into two separate Senatorial Districts. Thank you for your time, your consideration, and all your hard work.

Sincerely,

Christie Stiltner
Buchanan County Citizen
1710 Red Dirt Road
Vansant, VA 24656

Crystal L. Vanuch, Chairman
Cindy C. Lamb, Vice Chairman
Meg Bohmke
Thomas C. Coen
L. Mark Dudenhefer
Gary F. Snellings

Frederick J. Presley
County Administrator

December 17, 2021

Ms. Muriel-Theresa Putney, Clerk
Supreme Court Building
100 North Ninth Street
Richmond, VA 23219

Dear Ms. Putney,

The Stafford County Board of Supervisors is concerned about how the proposed Congressional and General Assembly election district maps could impact Stafford County. Members of the Board wish to provide the following concerns for Justices' consideration:

- **Congressional** - Proposed House District 7 groups the entirety of Stafford County into a district with Prince William County and parts of Fairfax and Spotsylvania Counties. Members believe this arrangement is problematic as it could diminish the representation and voting interests of Stafford County residents in favor of those of other localities.
- **Virginia Senate** - The proposed Senate District Maps divide Senate Districts 27 and 29 at Garrisonville Road north of Aquia Creek. Members believe Garrisonville Road should remain the district boundary north of Aquia Creek. Communities north of Garrisonville Road should be included in Senate District 27 and communities south should be included in Senate District 29.
- **Virginia House of Delegates** - Proposed House Districts 23 and 64 are similarly divided at Garrisonville Road north of Aquia Creek. Members believe Garrisonville Road should remain the district boundary north of Aquia Creek. Communities north of Garrisonville Road should be included in House District 23 and communities south should be included in House District 64.

Thank you for taking the time to read this letter and for providing us the opportunity to comment on these maps. Members of the Board feel Stafford County's representation and voting interests should be maintained to the extent practical and strongly object to proposed maps which could serve to diminish the voting interests of our residents in order to benefit other localities.

Sincerely,



Crystal Vanuch, Chairman
Stafford County Board of Supervisors
Rock Hill District

From: [Andrew Green](#)
To: [Redistricting](#)
Subject: Public comment to Special Masters maps
Date: Friday, December 17, 2021 2:41:56 PM

EXTERNAL EMAIL

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To whom it may concern,

I strongly urge you to heed the comments from the Lawyers' Committee for Civil Rights Under Law that Virginia must do more to protect fair representation for Black voters in their new statewide redistricting maps. They point to the extensive research conducted by the Virginia NAACP, and their maps which uphold fair representation for Black Virginians. Virginia's Black voters deserve fair and equal representation, and it is imperative that these concerns be incorporated into the new maps after generations of misjustice.

Thank you for your attention to this matter,
Andrew Green
Crozet, VA

From: [Rebecca Breeding](#)
To: [Redistricting](#)
Subject: Proposed Redistricting
Date: Friday, December 17, 2021 2:44:33 PM

EXTERNAL EMAIL

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I live in Augusta County at 530 Barnhart Road, Fort Defiance.

I am concerned of the proposal to divide Augusta County. The County has two neighboring cities (Staunton and Waynesboro) with which we have various partnerships and communities. Our needs are for unity in our services to the residents of the County and adjoining Cities, not in division. And for unity in our communities. Communities of interest should remain together, not be divided. This is a concern for many areas throughout the Commonwealth, particularly in rural areas.

No one individual should be given preference to maintain a seat in the Senate or House. And yet we need to be aware of the need for institutional knowledge and experience for the citizens of the Commonwealth.

I would like to see further options for the redistricting proposals.

Rebecca Breeding

**Joy, Peace & Hope,
Becky Breeding
540-292-5435**

"Lord, our Lord, how majestic is your name in all the earth!" Psalms 8:9 Choose to look out and up and see God's glory in your daily walk.

From: [Cathy Combs](#)
To: [Redistricting](#)
Subject: Opposition to Redistricting
Date: Friday, December 17, 2021 2:58:30 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

To: Supreme Court's Special Masters

Re: Redistricting

I have two major concerns with the redistricting as it impacts Virginia Beach and Norfolk. Both cities are home to our large military contingency, men and women who enrich our community as they serve our country. They are one entity that should not be split when it comes to their representation. Secondly, environmental issues affecting Virginia Beach and Norfolk share common causes and should be handled with common goals. In either case, dividing up this population could dilute the effectiveness of their representation, and consequently not provide the best solution.

We have an incredible woman representing our district. Elaine Luria is a centrist who has worked both sides of the aisle and I have every confidence she will continue to do so. If it ain't broke, don't fix it!!

Respectfully submitted,

Mary "Cathy" Combs
2508 Admiral Drive
Virginia Beach, VA 23451
757-619-8731
ccombs50@verizon.net

Muriel Theresa-Pitney, Clerk of the Court
Supreme Court of Virginia
P.O. Box 1315
100 North Ninth Street, 5th Floor
Richmond, VA 23219-1315

Via email: redistricting@vacourts.gov

RE: Rules and Procedures for Implementing the Requirements of Article II,
Section 6-A --- Including Buchanan County in Proposed Senate District 5

Dear Ms. Theresa-Pitney, Special Masters, and Justices of the Supreme Court of Virginia:

I am writing you today to express my concerns regarding the proposed redistricting of Virginia's Senatorial Districts, particularly the inclusion of Buchanan County into proposed district 6 as opposed to district 5.

As a citizen there are many reasons that I could give you as to why Buchanan County should be included in the district. Those reasons include the sharing of the US 460 corridor, the shared mining industry (there are multiple mines that exist in both counties even though the entrance is in one county or the other) our joint ventures through the regional IDA, and so many others.

Today, I write you as the Sheriff for Buchanan County and want to focus on my concerns with the splitting of Buchanan and Tazewell Counties into two separate districts.

First, from a law enforcement perspective, Buchanan County is uniquely situated geographically. We are bordered by Kentucky on the western side of the county, West Virginia on the northern side of our county, and Tazewell County on the eastern side. On its face, this doesn't seem particularly notable, but it is quite significant for many reasons. US 460 by way of the Mountain Parkway runs from Lexington, Kentucky through Pike County and the city of Pikeville, Kentucky into Buchanan County, Virginia. This route is used to transport illegal narcotics from Lexington, Kentucky into Buchanan County and Virginia as a whole. US 460 runs through both our county seat, Grundy, and Tazewell's County seat, Tazewell, and ends in Virginia Beach, Virginia.

In addition to sharing the US 460 corridor, both Buchanan and Tazewell Counties share their northern borders with West Virginia. Our bordering counties in West Virginia have some of the nation's most affected counties when it comes to illicit drug use. McDowell County has led the nation in the past with the most overdose deaths per capita. Buchanan and Tazewell Counties, unfortunately, have led Virginia in overdose deaths per capita in years past. Again, we have similar concerns and interests from a law enforcement perspective. Narcotics regularly come across the borders through the "backwoods" but we also see a significant quantity of illegal drugs coming into Buchanan County out of West Virginia's cities of Princeton and Bluefield, which are both

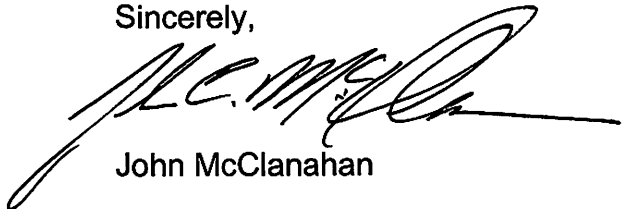
on US-460 and those narcotics are transported through Tazewell County into Buchanan County.

Second, from a judicial efficiency perspective, Buchanan and Tazewell Counties comprise the majority of the 29th Judicial Circuit. Tazewell leads the four-county circuit with the most significant number of cases with Buchanan County and Russell County typically seeing a similar case load. I believe that whenever possible, a judicial circuit should share the same legislators given their duty and authority to appoint the judiciary that serves the circuit.

Finally, I believe that it is important for both Buchanan and Tazewell County to share the same legislators. There are many reasons for this that are unrelated to law enforcement, but this sharing is beneficial to law enforcement and public safety. We currently, and as drawn, will continue to share the same representative in the House of Delegates. By sharing the same Senator, it allows our counties to combine our efforts to talk with our shared representatives about public safety concerns. These discussions range from concerns for police officers' safety while working the streets to Commonwealth's Attorneys seeing legislative "fixes" that need to be enacted to further protect public safety or to ensure that citizens' rights are not infringed upon.

In sum, as Sheriff for Buchanan County I truly believe that our shared interests with Tazewell County are so interwoven that it would be a tragedy to split our counties into two separate Senatorial Districts. Thank you for your time, your consideration, and all of your hard work.

Sincerely,

A handwritten signature in black ink, appearing to read "J. McClanahan", with a long, sweeping horizontal line extending to the right.

John McClanahan

Muriel Theresa-Pitney, Clerk of the Court
Supreme Court of Virginia
P.O. Box 1315
100 North Ninth Street, 5th Floor
Richmond, VA 23219-1315

Via email: redistricting@vacourts.gov

RE: Rules and Procedures for Implementing the Requirements of Article II,
Section 6-A --- Including Buchanan County in Proposed Senate District 5

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Despite having the coal industry, both counties have determined that we must diversify our economy. Both counties have begun aggressive tourism campaigns that share many similar offerings and opportunities for joint ventures. These range from traditional outdoor activities such as fishing, kayaking, and camping to the development of a trail system for ATVs ("four-wheelers") and UTVs ("side by sides") to travel through our rugged mountains.

Not only do we share these economic interests, but they also distinguish Buchanan County from many of the counties that are in the proposed 6th district. For example, Washington county has a very diversified economy as a result of its historic preservation, its hospitals and medical facilities, and its location on Interstate I-81. Its location in proximity to the interstate puts its economic interests much more in line with its neighbor Smyth County, which is also located in the I-81 corridor, than Buchanan County. Similarly, while our neighbor, Russell County, shares some coal interests, much of its industry is farming and cattle ranching. Further, a significant portion of Russell County's residents work in Washington County or the City of Bristol. Again, our economic interests with Tazewell County are much more similarly aligned. Finally, our other neighbor, Dickenson County, again shares some interest in the coal industry, but its proximity to Wise County results in more traffic and commerce between those

counties than what exists between Buchanan and Dickenson County. For these reasons, I believe that our interests are more commonly aligned with Tazewell County and many of the rural counties in the proposed district 5.

Second, Buchanan and Tazewell Counties have come together to begin several joint ventures through a regional IDA which will allow the creation of jobs and generation of revenue that will serve the citizens of both counties. Project Jonah, an aquaculture venture (or "fish farm" as we like to call it), is presently being constructed in Tazewell County. Due to the unique arrangement, despite its location in our neighboring county, Buchanan County will receive a significant portion of the revenue. This not only helps generate much needed income for our county, but also more job opportunities for the citizens of Buchanan County. This is one of the first of what we hope to be many joint ventures with Tazewell County.

Finally, Buchanan and Tazewell Counties share the US 460 corridor. This highway is the lifeline of rural far southwest Virginia and is used by our citizens, businesses, and suppliers to access I-75 in Tazewell County. Because of this corridor, businesses in each county serve customers from both counties. Families often live in one county and work in the other because we both have easy access to jobs in the other county due to the convenience of a major four lane highway (as opposed to the narrow and curvy roads that Buchanan Countians must use to access other counties). Also because of a significant common border and shared economies, families are often split by the county lines with some family members living in Buchanan County while others live in Tazewell County.

In sum, as a citizen of Buchanan County I truly believe that our shared interests with Tazewell County are so interwoven that it would be devastating to split our counties into two separate Senatorial Districts. Thank you for your time, your consideration, and all your hard work.

Sincerely,

Leon Boyd
President- Noah Horn Well Drilling
1070 Sandy Valley Lane
Oakwood, Va. 24631
276-935-5902 office

From: [OLD JUBE](#)
To: [Redistricting](#)
Subject: I would like to speak about keeping Green Springs and Patrick Henry 1 in Louisa with the rest of the County.
Date: Friday, December 17, 2021 3:23:06 PM

EXTERNAL EMAIL

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We do not want to be in with Albemarle and Charlottesville!

Gerald Harlow

HELP PREVENT SPAM & VIRUSES! if you forward this message, be courteous and DELETE the forwarding history (which includes my name and email address). Use the BCC option when inserting addresses to protect the privacy of those you are sending this message to. I have protected your privacy when sending this to you ~ kindly return the favor. THANK YOU!

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From: [Rusty Tutton](#)
To: [Redistricting](#)
Subject: Modification to Special Master's Map
Date: Friday, December 17, 2021 3:19:58 PM
Attachments: [Screenshot 2021-12-16 4.50.39 PM.png](#)
[Screenshot 2021-12-16 4.38.04 PM.png](#)
[Screenshot 2021-12-16 4.48.22 PM.png](#)
[Screenshot 2021-12-16 4.30.57 PM.png](#)
[Screenshot 2021-12-17 3.16.13 PM.png](#)

EXTERNAL EMAIL

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All,

In accordance with my testimony advocating for a slightly revised federal map, please see the attached images with details of my map proposal as well as corresponding demographic information for each district. Additionally, you can view my map proposal in detail at the following link:

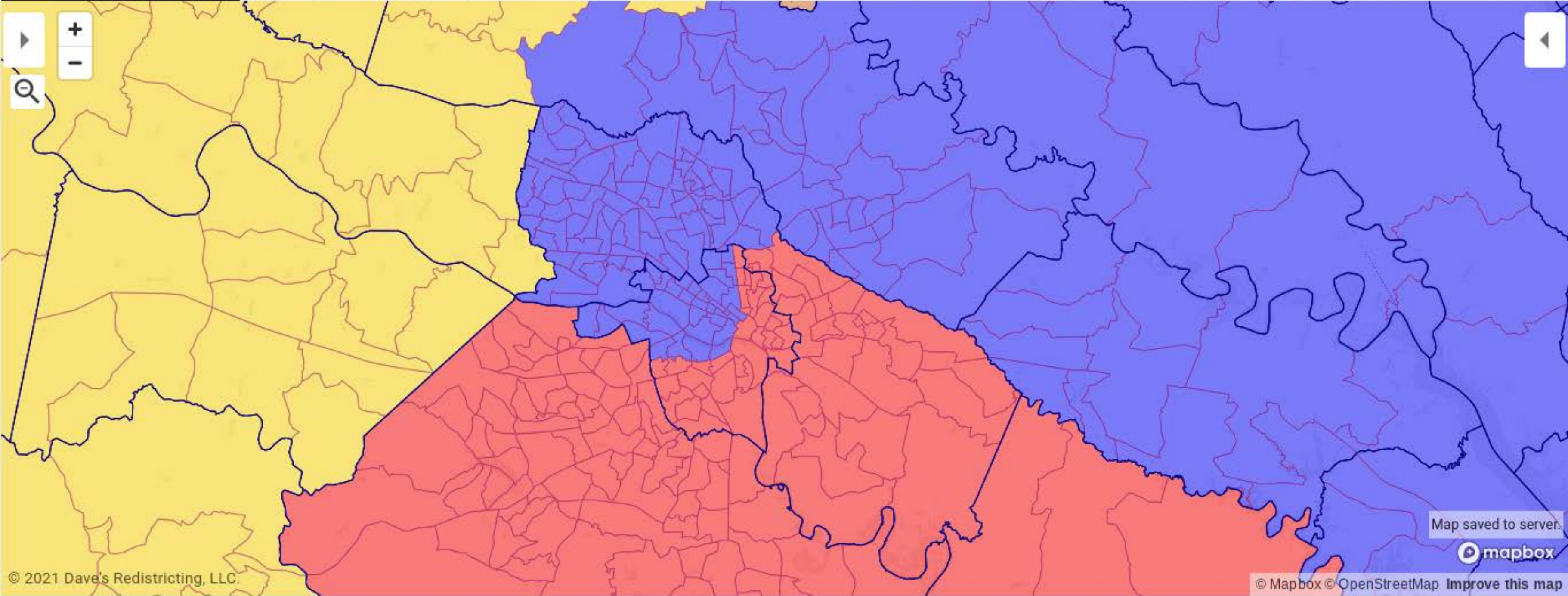
<https://davesredistricting.org/maps#viewmap::066e4976-0187-498a-b29e-4020db3040c6>

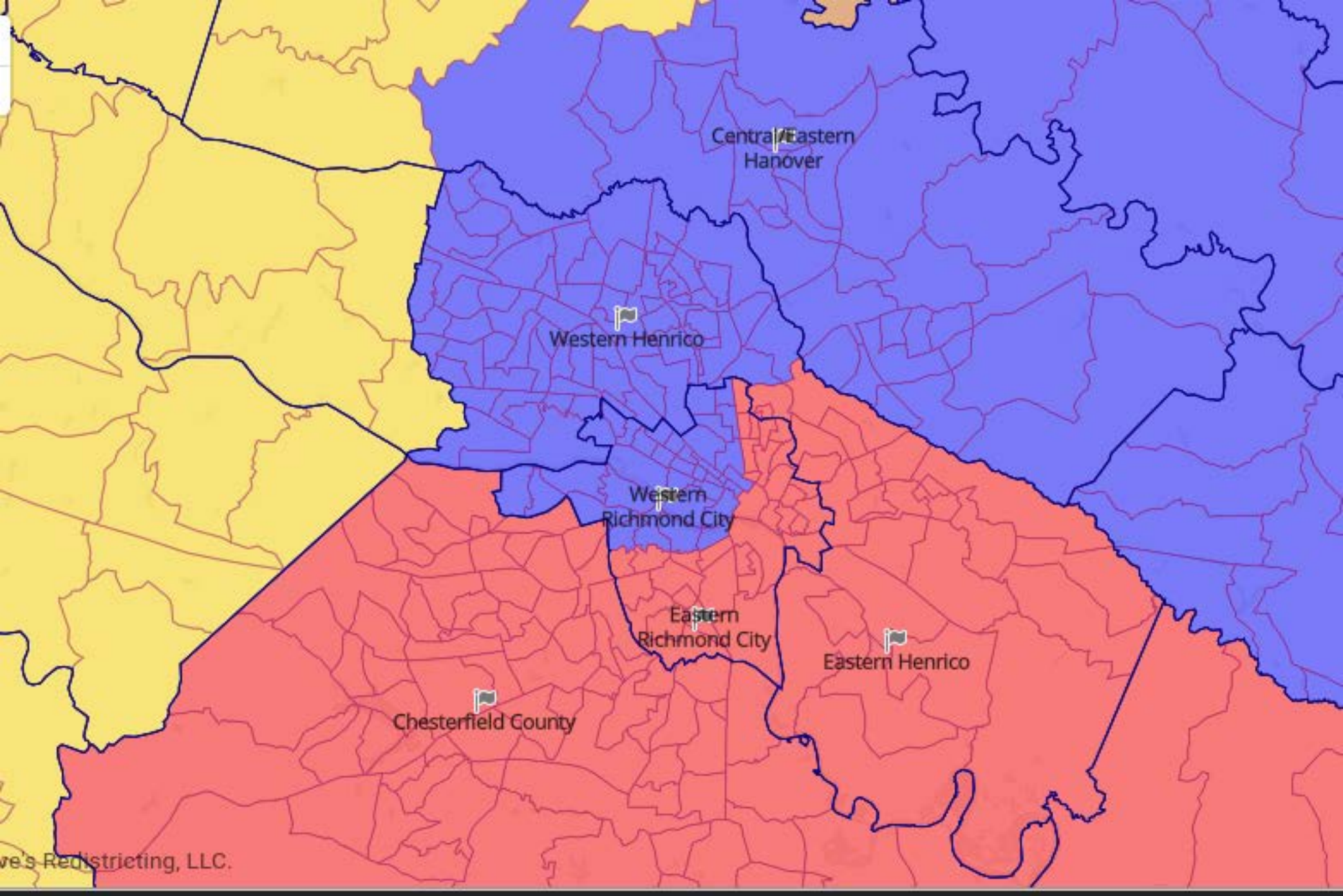
Again, I want to stress that these changes are only possible if the Court is willing to move the precincts in the western City of Richmond to the 1st. This allows Richmond Metro to be split into 2 more compact districts and Charlottesville/Albermarle to remain whole in VA-05.

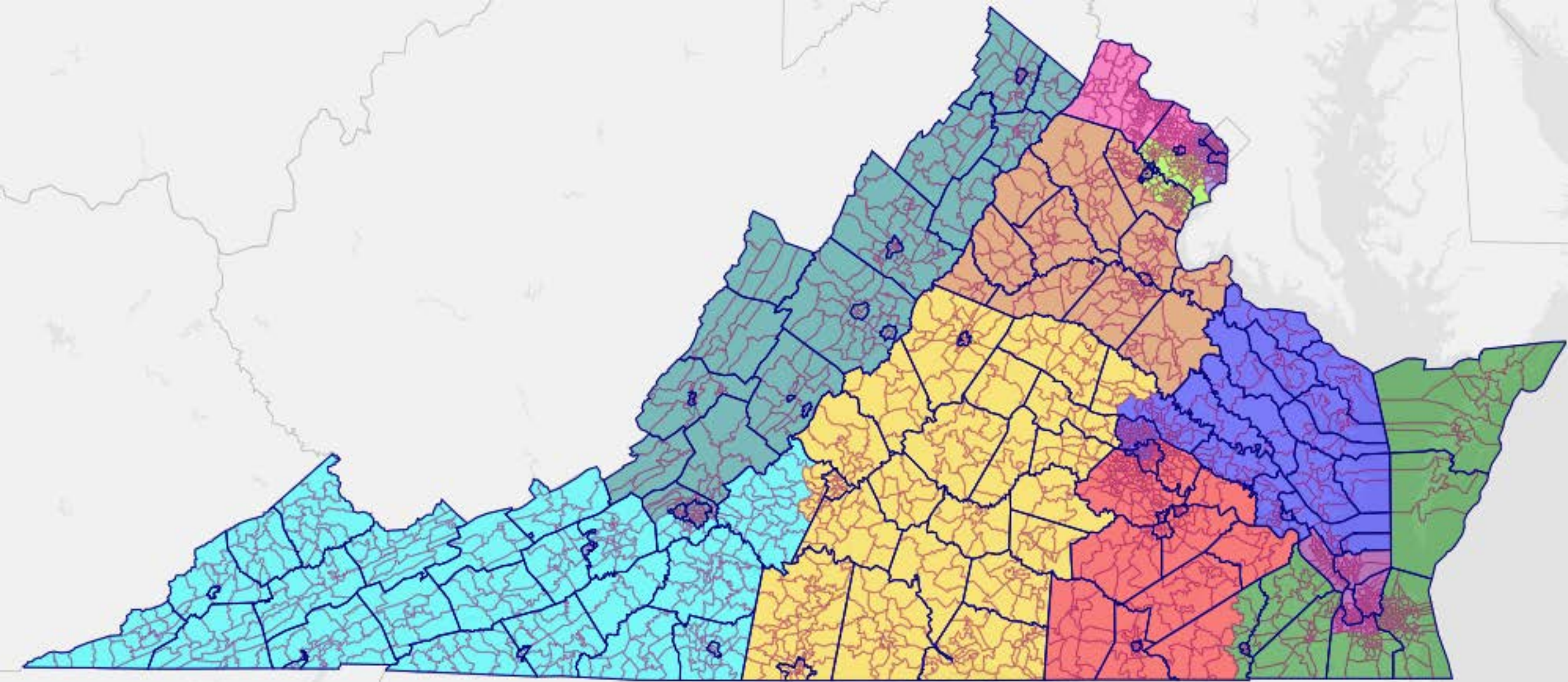
Thank you,

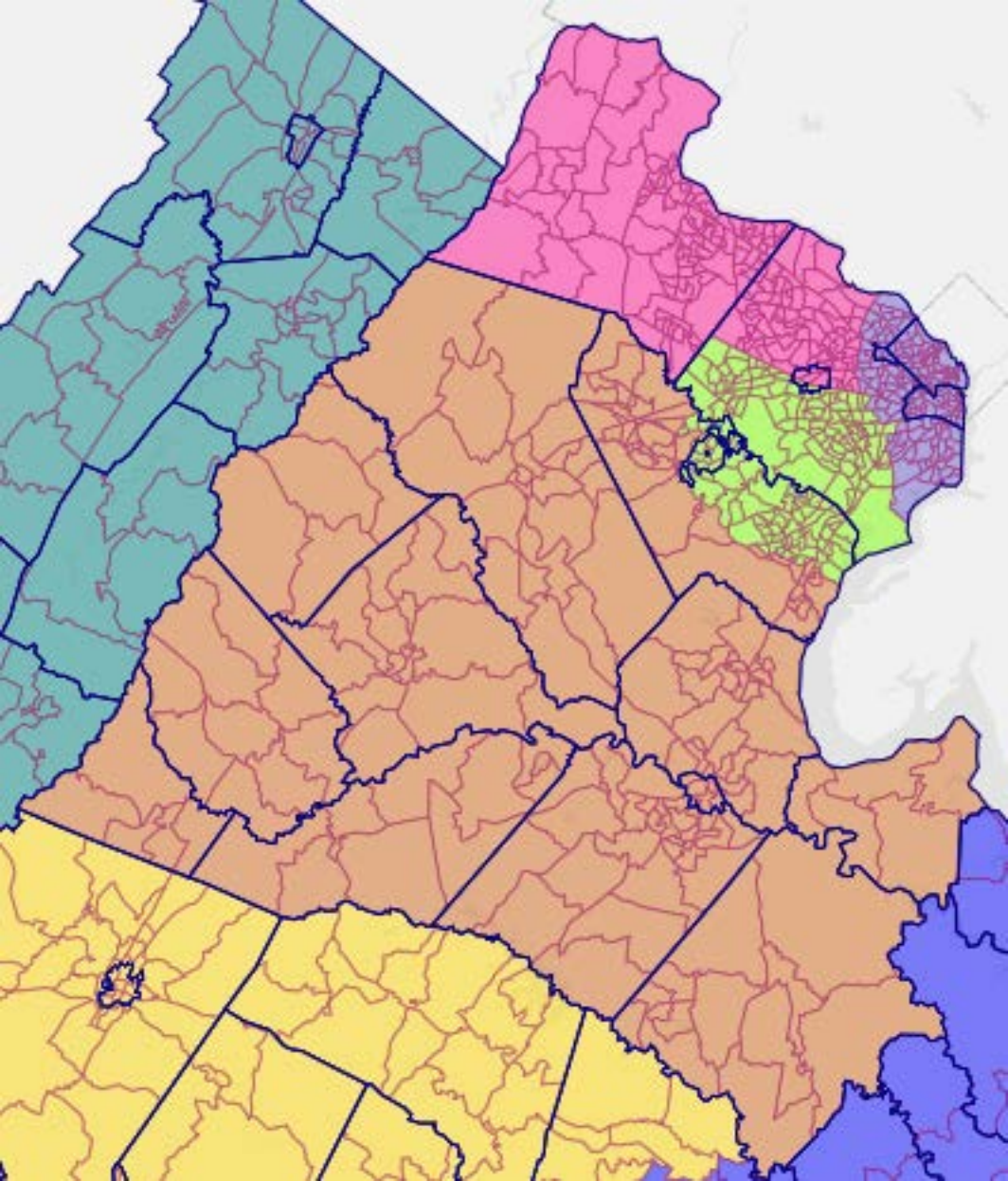
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Rusty Tutton
Phone: (512) 644-2945
E-mail: RTutton@gmail.com









Population			Shapes		Partisan Lean			Demographics (VAP)							Download
ID	Total	+/-			Dem	Rep	Oth	Total	White	Minority	Hispanic	Black	Asian	Native	Pacific
Un	0				0.00%	0.00%	0.00%	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
1	783,377	-0.17%	✔	✔	50.37%	47.54%	2.09%	627,437	69.98%	30.02%	4.84%	16.86%	6.47%	1.82%	0.18%
2	777,529	-0.91%	✔	✔	49.62%	48.31%	2.07%	604,094	61.27%	38.73%	6.31%	23.95%	6.96%	2.16%	0.37%
3	789,323	0.59%	✔	✔	68.20%	29.86%	1.94%	617,361	42.09%	57.91%	7.37%	45.21%	4.44%	2.38%	0.41%
4	788,500	0.49%	✔	✔	59.96%	38.42%	1.62%	615,153	47.62%	52.38%	7.94%	40.13%	3.12%	1.98%	0.18%
5	784,628	-0.01%	✔	✔	45.23%	53.00%	1.77%	634,058	69.99%	30.01%	3.56%	21.73%	2.96%	1.69%	0.11%
6	783,436	-0.16%	✔	✔	38.54%	59.45%	2.01%	621,797	80.90%	19.10%	6.38%	8.65%	2.14%	1.96%	0.12%
7	783,211	-0.19%	✔	✔	47.33%	50.60%	2.07%	585,702	62.94%	37.06%	11.16%	18.12%	5.98%	2.45%	0.27%
8	784,452	-0.03%	✔	✔	75.71%	21.94%	2.36%	620,895	52.64%	47.36%	17.71%	14.26%	14.45%	1.90%	0.24%
9	786,021	0.17%	✔	✔	30.79%	67.61%	1.60%	641,371	86.94%	13.06%	2.46%	6.43%	2.16%	1.74%	0.09%
10	786,352	0.21%	✔	✔	64.07%	33.70%	2.23%	585,701	54.55%	45.45%	12.39%	8.00%	23.87%	1.43%	0.20%
11	784,564	-0.01%	✔	✔	65.49%	32.42%	2.09%	591,485	43.23%	56.77%	21.24%	15.29%	19.49%	2.00%	0.26%
	784,672	1.50%	✔	✔	54.01%	44.00%	1.99%	613,187	61.33%	38.67%	9.11%	19.88%	8.23%	1.95%	0.22%

Muriel Theresa-Pitney, Clerk of the Court
Supreme Court of Virginia
P.O. Box 1315
100 North Ninth Street, 5th Floor
Richmond, VA 23219-1315

Via email: redistricting@vacourts.gov

RE: Rules and Procedures for Implementing the Requirements of Article II,
Section 6-A --- Including Buchanan County in Proposed Senate District 5

Dear Ms. Theresa-Pitney, Special Masters, and Justices of the Supreme Court of Virginia:

I am writing you today to express my concerns regarding the proposed redistricting of Virginia's Senatorial Districts, particularly the inclusion of Buchanan County into proposed district 6 as opposed to district 5.

As a citizen of Buchanan County there are many reasons that I could provide you as to why Buchanan County should be included in district 5. I will try to keep my letter short and focus on some of the most important.

First, and maybe foremost, is our shared economic interests. Both Buchanan and Tazewell Counties are coal mining economies. In fact, multiple coal mines run across county lines despite the mine entrance being in one county or the other. This generates taxes and revenue for both counties as well as providing good paying jobs to citizens of both counties.

Despite having the coal industry, both counties have determined that we must diversify our economy. Both counties have begun aggressive tourism campaigns that share many similar offerings and opportunities for joint ventures. These range from traditional outdoor activities such as fishing, kayaking, and camping to the development of a trail system for ATVs ("four-wheelers") and UTVs ("side by sides") to travel through our rugged mountains.

Not only do we share these economic interests, but they also distinguish Buchanan County from many of the counties that are in the proposed 6th district. For example, Washington county has a very diversified economy as a result of its historic preservation, its hospitals and medical facilities, and its location on Interstate I-81. Its location in proximity to the interstate puts its economic interests much more in line with its neighbor Smyth County, which is also located in the I-81 corridor, than Buchanan County. Similarly, while our neighbor, Russell County, shares some coal interests, much of its industry is farming and cattle ranching. Further, a significant portion of Russell County's residents work in Washington County or the City of Bristol. Again, our economic interests with Tazewell County are much more similarly aligned. Finally, our other neighbor, Dickenson County, again shares some interest in the coal industry, but its proximity to Wise County results in more traffic and commerce between those

counties than what exists between Buchanan and Dickenson County. For these reasons, I believe that our interests are more commonly aligned with Tazewell County and many of the rural counties in the proposed district 5.

Second, Buchanan and Tazewell Counties have come together to begin several joint ventures through a regional IDA which will allow the creation of jobs and generation of revenue that will serve the citizens of both counties. Project Jonah, an aquaculture venture (or “fish farm” as we like to call it), is presently being constructed in Tazewell County. Due to the unique arrangement, despite its location in our neighboring county, Buchanan County will receive a significant portion of the revenue. This not only helps generate much needed income for our county, but also more job opportunities for the citizens of Buchanan County. This is one of the first of what we hope to be many joint ventures with Tazewell County.

Finally, Buchanan and Tazewell Counties share the US 460 corridor. This highway is the lifeline of rural far southwest Virginia and is used by our citizens, businesses, and suppliers to access I-75 in Tazewell County. Because of this corridor, businesses in each county serve customers from both counties. Families often live in one county and work in the other because we both have easy access to jobs in the other county due to the convenience of a major four lane highway (as opposed to the narrow and curvy roads that Buchanan Countians must use to access other counties). Also because of a significant common border and shared economies, families are often split by the county lines with some family members living in Buchanan County while others live in Tazewell County.

In sum, as a citizen of Buchanan County I truly believe that our shared interests with Tazewell County are so interwoven that it would be devastating to split our counties into two separate Senatorial Districts. Thank you for your time, your consideration, and all your hard work.

Sincerely,

Sarah Vanover

From: [Carol Buckingham](#)
To: [Redistricting](#)
Subject: New Proposed Redistricting Map
Date: Friday, December 17, 2021 3:45:35 PM

EXTERNAL EMAIL

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This map makes much more sense by creating compact districts and avoiding the division of communities.

Carol Buckingham
804 W 30th St,
Richmond, VA 23225

From: [Jon Jewett](#)
To: [Redistricting](#)
Subject: Redistricting Comments
Date: Friday, December 17, 2021 3:47:31 PM

EXTERNAL EMAIL

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I respectfully urge the Court to resist the temptation to revise the maps proposed by the Special Masters. The proposed maps are not perfect. But attempts to improve them are likely to make them worse and damage the reputation of the Court, for the following reasons:

- 1) Dr. Grofman and Mr. Trende scrupulously followed the instructions of the Court. Both Special Masters have considerable expertise and experience with redistricting issues. The members of the Court cannot duplicate their expertise and experience, and so any maps devised by the members of the Court are more likely to reflect errors, misjudgments, and simple ignorance of potential consequences than the maps produced by the Special Masters. Neither Grofman, nor Trende, based on their experience and publications, appears to be motivated by partisan considerations, particularly when compared to other redistricting experts, and the maps that they have jointly produced are probably as free of bias and partisanship as is realistically possible.
- 2) The maps proposed by the Special Masters may not be perfect, but in redistricting perfection is unattainable, and should not be the objective of the Court. The Statutory Criteria that must be applied are sometimes inconsistent with each other and require subjective judgments, and no statutory guidance is provided as to the degree of weight to be given to each criterion. Any improvement that the Court might make to conform the maps more closely to one of the Statutory Criteria is likely to result in less conformance to another criterion. If you squeeze the balloon in one place, it will bulge in another. "Communities of interest" are a particular quagmire. Everyone is a member of multiple different communities of interest, and many people do not share social, cultural, and economic interests even with their closest neighbors. If the Court attempts to redraw the proposed maps based on a different assessment of "communities of interest" it will be stepping upon the slipperiest of slopes.
- 3) Underlying much of the criticism of the Congressional District maps is the assumption that dividing a city, county, or metropolitan area among more than one district is somehow disadvantageous to the residents of that city, county, or metropolitan area. Yet of course some splitting is unavoidable. The Richmond metropolitan area must be divided between districts because it is much too large to fit into any one district. But in addition, my experience working for Congress leads me to believe that the Richmond metro area will actually have more influence in Congress if it is represented by more than one Congressperson, and the same is true at the state level. Many of the comments seem to confuse local government with representation in Congress and the General Assembly. If a local government boundary does not respect communities of interest it can result in a significant loss of governmental efficiency. The same is not true of legislative districts.
- 4) Any changes to the proposed maps made by the Court, regardless of its actual reasons, will be seen through a partisan lens. Any changes will inevitably be viewed as being to the advantage of some interest groups, parties, or individuals, and to the disadvantage of others. No matter how disinterested the Court attempts to be, it will be assumed that the Court's ultimate motivation is to influence the outcome of elections. The Court will take a hit in terms of its public image as being above politics. In addition, if the Court takes over drawing district lines, rather than leaving this task to the Special Masters, future General Assemblies will be encouraged to appoint more political justices to the Court. Partisanship caused the Virginia Redistricting Commission to fail. Above all else, the Supreme Court should strive not only to avoid

partisanship in its handling of redistricting, but even the hint of partisanship. The people of Virginia amended the Constitution in an attempt to take politics out of redistricting. The success of that effort depends on the Court exercising judicial restraint and deferring to the recommendations of the Special Masters which it wisely appointed.

These comments reflect my views as a citizen of the Commonwealth, and are not submitted on behalf of any group or entity, or for the benefit of any current or potential future officeholder.

Jon Jewett
Ashland, Virginia

From: [Samira Raenell Brooks](#)
To: [Redistricting](#)
Subject: Stop the Redistricting of our cities!
Date: Friday, December 17, 2021 3:49:14 PM

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Military

- Military and veteran populations that are essential to the socio-economic strength of Hampton Roads should not be split in the congressional districts.
- Naval Station Norfolk, Fleet Forces in Norfolk, as well as Air Station Oceana in Virginia Beach work so closely together and have active duty servicemembers who live in both localities. They deserve to have the same federal representation in order to best advocate for their interests.

Environmental

- The ocean view and waterfront parts of Norfolk and Virginia Beach specifically should be together in federal representation due to their shared environmental concerns.
- Reports by leading environmental scientists that the sea level could rise by several feet along our shores by the end of the century should be raising serious alarm. Beyond the human cost of that disastrous possibility, the economic and infrastructural damage such a change could inflict on these communities is unthinkable.

Contiguity/Compactness

- The district is shaped like a "crooked J" that is not functionally contiguous. Due to the Great Dismal Swamp, constituents would have to drive through a majority of the 3rd district to get from one end of the 2nd to the other.
- By putting Suffolk/Isle of Wight back in the 3rd, you get a more compact district in the 2nd and don't disrupt the compactness of the 3rd.

--

Samira Brooks

From: sdavis@sdavisgroupconsulting.com
To: [Redistricting](#)
Subject: Voter comment on redistricting plan for Congress
Date: Friday, December 17, 2021 4:08:17 PM

EXTERNAL EMAIL

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The Honorable Members of Virginia's Supreme Court,

It appears that the Special Masters you appointed to develop a redistricting plan for Virginia's congressional districts have developed a plan that may be technically correct but is absent any sense of voter preference. I call it a "nerd's plan" that is politically insensitive. The plan as currently presented may treat the two major political parties equitably, but it fails to provide for equitable representation of protected classes of voters.

Voting rights laws for the Commonwealth of Virginia and for our federal government acknowledge past inequities in the representation of both ethnic minorities and women, and any redistricting plan should ensure that the rights of these groups are not further reduced. Unfortunately, the plan put forth by the Special Masters fails to address the voting rights of African Americans, Latinos and women. The most obvious evidence of this would be the impact of redistricting on the three female Representatives to the U.S. Congress.

I urge you to require the Special Masters to revise the plan they have presented to ensure that women, African Americans and Latinos have at least an equal opportunity to be elected in multiple congressional districts. The virtual elimination of the current 7th congressional district is particularly unfortunate as it eliminates one of the most competitive congressional districts in the Commonwealth and places counties in Richmond's western suburbs and exurbs in a districts with counties with whom the voters will have nothing in common. It may benefit those running for office as Democrats, but it eliminates from contention one of Virginia's most popular and effective members of Congress. While a satisfactory redistricting plan should not be designed to preserve incumbency, it should acknowledge the interests of voters that have been provided for more than three decades.

Please require that the Special Masters return to you a redistricting plan that is not only politically neutral but is one that recognizes the interests of women and ethnic minorities and acknowledges the differences between urban-suburban communities and those that are primarily rural in nature.

Thank you very much for your consideration of these concerns.

Sam Davis III

204 N. Granby Street
Richmond, VA 23220
(804) 314-1836

From: [Linda Boatman](#)
To: [Redistricting](#)
Subject: Statement to the Supreme Court of Virginia specifically effecting proposed Senate 26
Date: Friday, December 17, 2021 4:10:19 PM
Attachments: [CD1.SD26.HOD67.pdf](#)

EXTERNAL EMAIL

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Statement to the Supreme Court of Virginia regarding the proposed districts by the Special Masters. Specifically effecting Westmoreland County, Virginia

December 17, 2021

This statement is in support of the proposed districts, with one suggested change

I extracted the relevant pages from the proposed district pdfs and combined them into one file, for your convenient reference. The file is attached.

CD 1= proposed Congressional District 1

SD 26 = proposed Virginia Senate District 26

HOD 67 = proposed Virginia House of Delegates District 67

I propose the following change:

For Proposed Virginia Senate District 26:

Please include King George and Caroline counties instead of parts of New Kent and James City counties in proposed senate district 26.

This change would accomplish the following non-partisan representational goals:

1. *Improves the “nesting” quality of the proposed senate district with both the proposed HOD 67 and proposed CD 1.*
2. *Including King George and Caroline Counties in Senate District 26 adds representation up to the fall line of this geographically important watershed region of the Northern Neck and Middle Peninsulas. The Rappahannock River, which is a designated wild river, flows between Caroline and King George Counties. This change would provide representation of both sides of this important river in senate district 26, from the fall line to the mouth.*
3. *Provides single district representation for two important highway corridors, Highway 3 and Highway 17, and three important bridge connections to the nearest medical, judicial, airport, and other services used by many Northern Neck residents. Hwy 3 and Hwy 360 intersect at the town of Warsaw. Seven miles away at Tappahannock, the Hwy 360 bridge across the Rappahannock River intersects with Hwy 17. Farther south, The Highway 3 bridge across from the White Stone area in Lancaster County to the Saluda area in Middlesex County connects to*

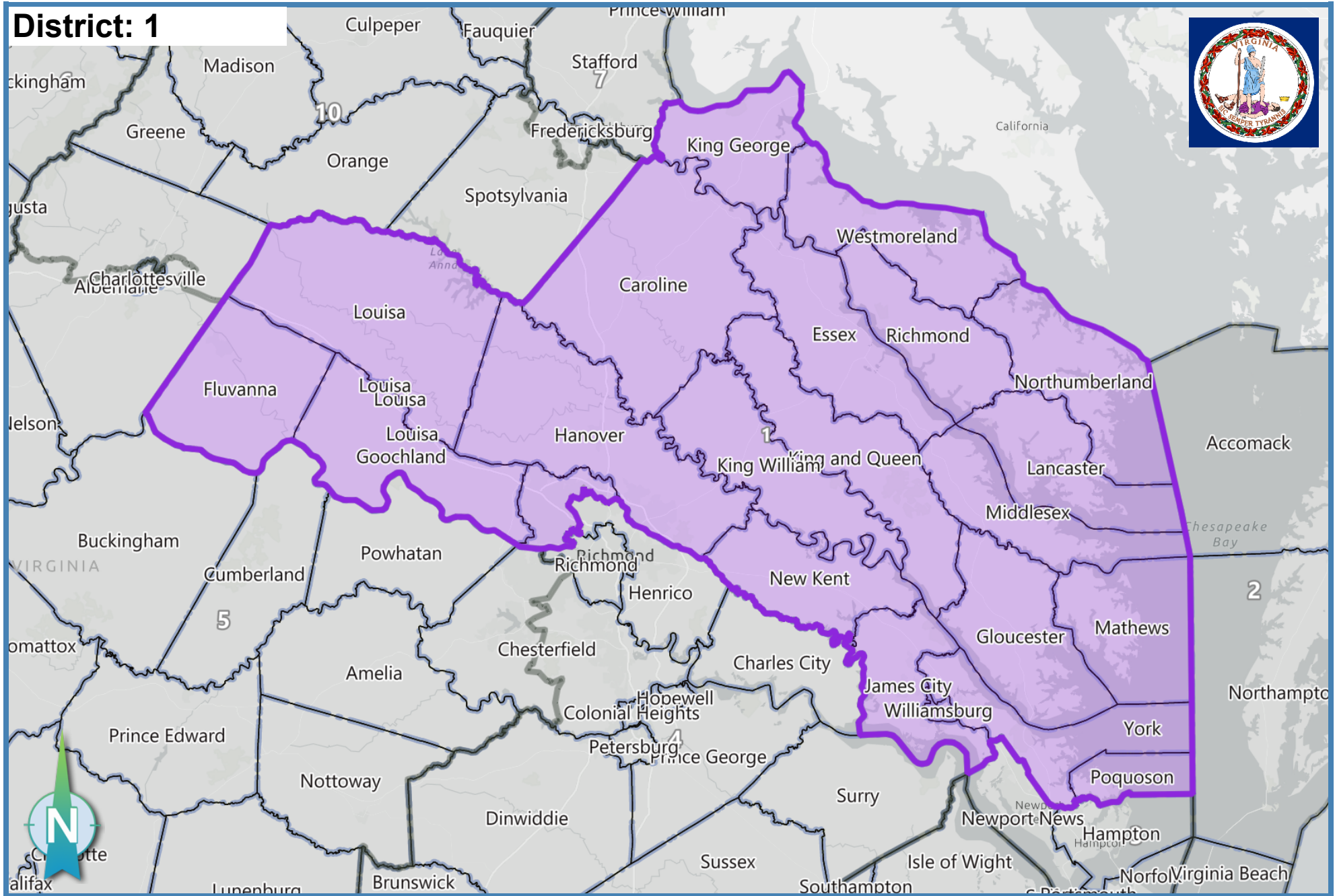
highway 17. The third important bridge is the 301 bridge across the northern part of the peninsulas, connecting south to Richmond and north to Maryland via the Nice Bridge across the Potomac River.

4. *Improves the competitiveness grade of the proposed senate district, which, according to the Princeton Gerrymandering Project's interactive map, is presently rated F for competitiveness.*
5. *Frees the proposed areas of New Kent and James City counties for use in other senate districts.*

Thank you very much for your very difficult work, and for considering this requested change to proposed Virginia Senate District 26.

Sincerely,
Linda Boatman, Resident, COI Westmoreland County, VA
73 Mallard Ct.,
Montross, VA 22520

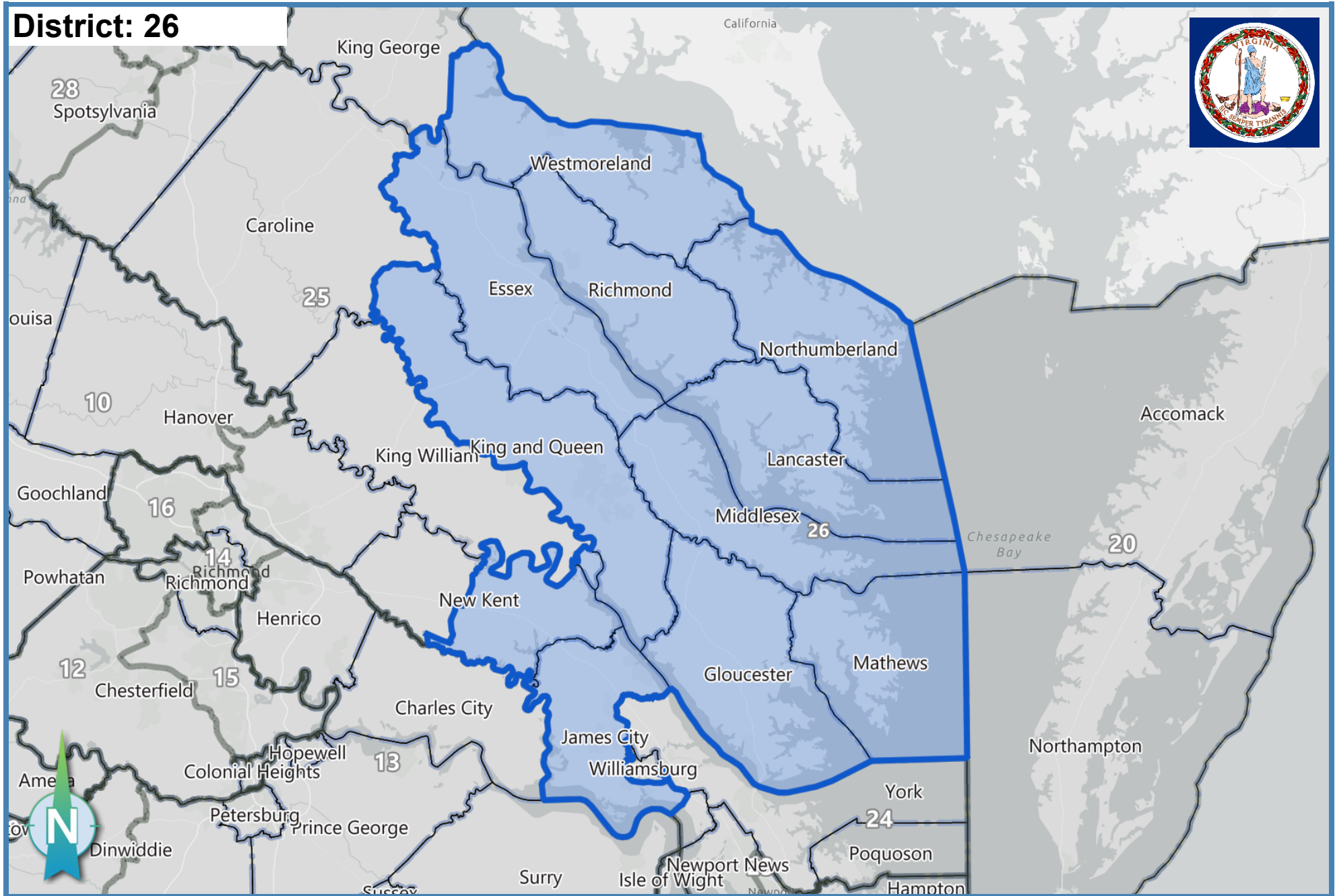
Sent from [Mail](#) for Windows

District: 1

Ideal Population: 784,672

Deviation: -0.16 %

Total Population: **783,413****Draft 1 Congressional Districts (CD) - Based on: 2020 Census Geography, 2020 PL94-171**

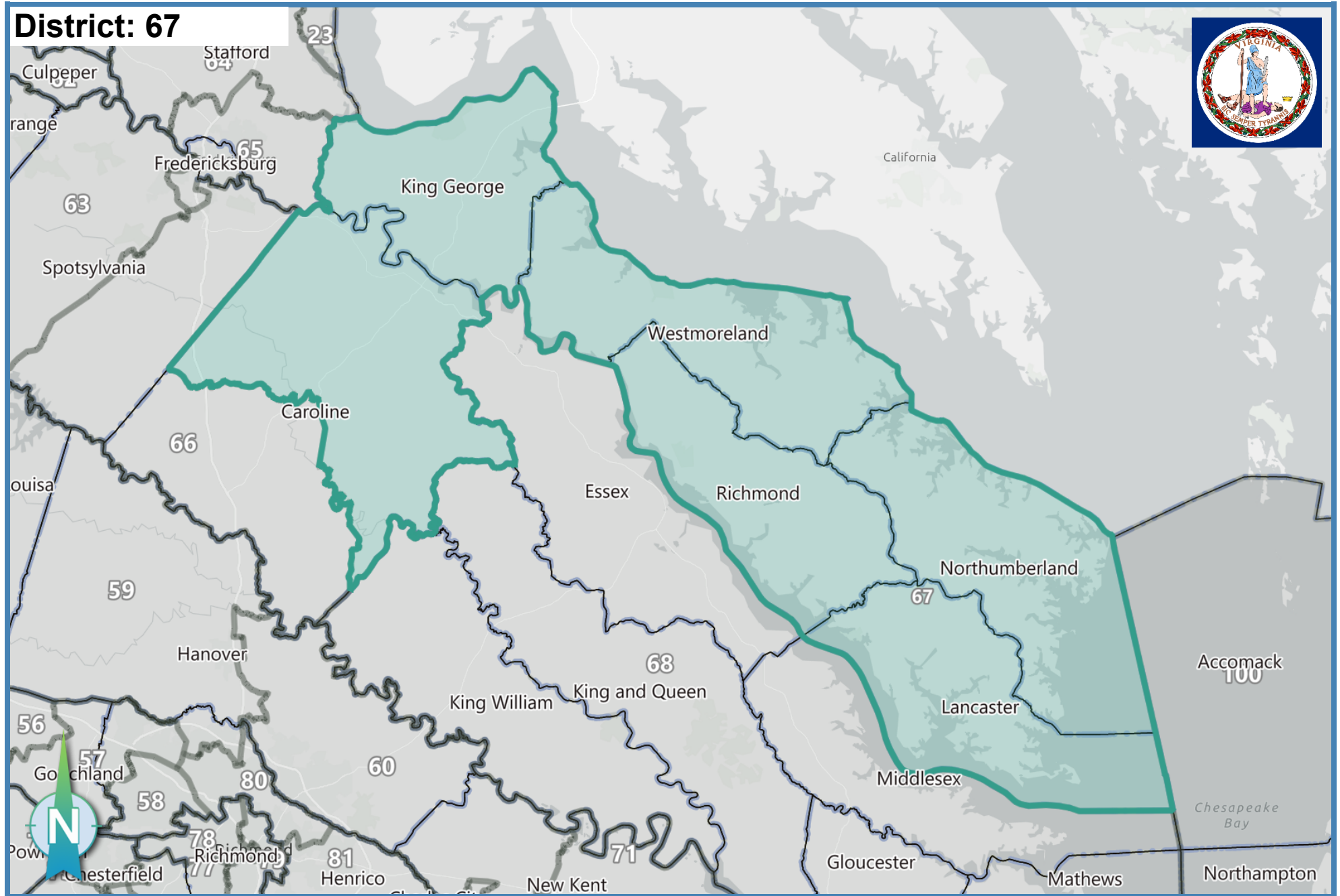
District: 26

Ideal Population: 215,785

Deviation: -1.35 %

Total Population: **212,878**

Draft 1 Senate Districts (SD) - Based on: 2020 Census Geography, 2020 PL94-171

District: 67

Ideal Population: 86,314

Deviation: -0.40 %

Total Population: **85,966**

Draft 1 House of Delegates (HOD) - Based on: 2020 Census Geography, 2020 PL94-171

From: [Morgan Griffith](#)
To: [Redistricting](#)
Subject: congressional maps
Date: Friday, December 17, 2021 4:18:22 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Ms. Muriel-Theresa Pitney
Clerk of Court
Supreme Court of Virginia
100 N. 9th St, 5th Floor
Richmond, Virginia 23219

Dear Ms. Pitney:

Drawing lines for redistricting is a thankless task. There is no way to get a perfect map. I know, been there, tried that.

But the voters of Virginia changed the process and now they are counting on you. The burden is yours even though you did not want or seek this burden.

The appointed Special Masters gave you some maps to help guide you all. I will address only Congressional maps and specifically the deficiencies as they relate to how the Special Masters drew the 9th district.

I encourage the Court to use the Tom Davis map as a starting point for further line drawing. It is better in many respects – it improves the 9th and 10th districts and follows federal requirements for Zero Deviation.

However, like any map, it can be improved upon.

As the 9th district has grown over the decades, parts of west Roanoke County have been in the 9th for 30 years. Salem was added 10 years ago as was the remainder of West Roanoke County.

Salem and West Roanoke County belong in the 9th.

Population growth, or the lack thereof, requires the Roanoke Valley be divided in some fashion. On this point the Special Masters' division lacks an understanding of the region.

As I speak to my constituents, many are shocked that Salem and West Roanoke County are out of the 9th and Bedford is now in the 9th. The Special Masters did not just put a precinct or two of Bedford in the 9th. Their map includes the town of Bedford, all the way to the community of Big Island and Highway 501. Highway 501 is the connector road between Buena Vista, located in Rockbridge County, in the 6th district and Lynchburg in the 5th.

Additionally, the main road from Roanoke to the town of Bedford is US460. Traversing that road from Montgomery County to Bedford, one must go through West Roanoke County, Salem, Roanoke City and finally Botetourt County. If you traveled on Interstate 81, you would pass through West Roanoke, Salem, North Roanoke County and Botetourt County.

Bedford is a great place, and if it were absolutely necessary it be placed into the 9th, people would understand.

But it is not necessary to add Bedford County and thus bring a new region into the 9th. Frankly, it is unfair to Bedford, Salem and Roanoke.

Bedford is in the Lynchburg Metropolitan Statistical Area (MSA). It is not in the Roanoke MSA. Its community of interest is oriented to the east toward Lynchburg, not toward Roanoke.

Contrast that with Salem, Roanoke, Botetourt, Franklin and Craig, all of which are in the Roanoke MSA.

The 9th district has never before even been close to the Lynchburg MSA.

Including Bedford in the 9th violates the Special Masters' stated criteria as well!

Bedford County is both east of the Blue Ridge Mountains and not part of the Appalachian region (using the same definitions as the Special Masters used).

Salem, West Roanoke County, more of Roanoke, and even long-time 9th district Craig County are a better fit for the 9th.

The Special Masters mistakenly believe that the cities of Salem and Roanoke must be together. They do not!

The two cities have vastly different histories. I could write a book, but briefly, Salem was founded in 1802. The town leaders were instrumental in having Roanoke County formed in 1838. In the late 1870s, Salem and West Roanoke County leaders backed one railroad company to come into Southwest Virginia. The leaders in Eastern Roanoke County around Big Lick backed the Norfolk and Western Railroad. The Norfolk and Western Railroad was given economic incentive money by its Big Lick supporters. Obviously, the Norfolk and Western Railroad won the race to serve Southwest Virginia. Big Lick became Roanoke City within a year much to the consternation of the leaders of Salem and West Roanoke County. A rivalry between the two communities has existed in varying degrees ever since.

Salem became a city in 1969 to prevent being annexed out of existence by Roanoke City. Virginia's annexation moratorium was created by Members of the House of Delegates representing Salem and West Roanoke County to prevent encroachment by Roanoke City.

While the Redistricting Commission failed, the one map Republicans and Democrats agreed on was a good map for the 9th district. It included Salem, West Roanoke County and more of Roanoke.

The Special Masters divided Elliston and Shawsville in Montgomery County from their historical ties to West Roanoke County and Salem.

Lastly, while living in Salem, I was elected to represent the 9th from outside the district in 2010.

In a hotly contested race, one of the major issues was, could or should Salem be part of the 9th?

A majority of the voters (nearly a 100,000) said, Yes!

This was their decision!

Since the 9th has to grow, this Supreme Court should respect the will of the voters who said Salem and West Roanoke County should be in the 9th.

Sincerely,

H. Morgan Griffith

From: [LaFrancis D. Francis](#)
To: [Redistricting](#)
Subject: Redistricting
Date: Friday, December 17, 2021 4:31:22 PM

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Redistricting to control the vote is not part of a democracy.--
LaFrancis Sent from Gmail Mobile

**RESOLUTION IN OPPOSITION TO STATE'S REDISTRICTING PLAN THAT PLACES
BUCHANAN COUNTY INTO THE NEW 6TH SENATORIAL DISTRICT INSTEAD OF
THE NEW 5TH SENATORIAL DISTRICT**

WHEREAS, the current 38th Senatorial District includes the following Bland, Buchanan, Dickenson, Pulaski, Russell and Tazewell Counties; the cities of Norton and Radford; and parts of Montgomery, Smyth and Wise Counties; and

WHEREAS, the proposed redistricting for senatorial districts places Buchanan County, in a newly named 6th Senatorial District; and

WHEREAS, it is the understanding of the Buchanan County Board of Supervisors that redistricting guidelines provide for including "communities of interests" in the same electoral districts; and

WHEREAS, furthermore "communities of interests" are communities with shared cultural, social and economic interests;

WHEREAS, the current 38th Senatorial District includes the coalfield counties of Tazewell and Buchanan both of which have economies based on the extraction of coal and gas; furthermore Buchanan and Tazewell counties are contiguous to each other which has generated mutual aid agreements in law enforcement and fire and rescue; more recently Buchanan County, Tazewell County along with Russell County have entered Participation and Revenue Sharing Agreements in two major regional economic projects, including Project Jonah; additionally Buchanan County, Tazewell County along with Russell Counties created the Cumberland Industrial Facilities Authority(CIFA) to further facilitate regional economic development project; and

WHEREAS, it is respectfully submitted that Buchanan County along with Tazewell County should be included in the new 5th Senatorial District while placing Smyth County in the new 6th Senatorial District; and

WHEREAS, it is respectfully submitted the above suggested adjustments to the new proposed 5th and 6th Senatorial Districts would keep communities of interests with shared cultural, social and economic interests together in the same Senatorial District; and

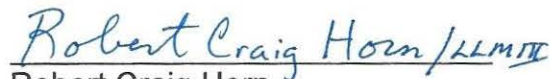
NOW THEREFORE, BE IT RESOLVED that the Buchanan County Board of Supervisors hereby confirms its opposition to the proposed 5th and 6th Senatorial Districts and recommends in the alternative that Buchanan County be included in the 5th Senatorial District with Tazewell County and that Smyth County be moved into the new 6th Senatorial District; **BE IT FURTHER RESOLVED** that a certified copy of this *Resolution* be tendered upon Hon. James W. Morefield; Hon. T. Travis Hackworth; the Clerk of the Virginia House of Delegates; the Clerk of the Virginia Senate; and the Clerk of the Virginia Supreme Court.

It is so **RESOLVED** this 17th day of December, 2021 with ratification on the 21st day of December 2021..



Drew Keene, Chairman
Buchanan County, Va. Board of Supervisors

ATTEST:



Robert Craig Horn
County Administrator
Buchanan County, Va.

RECORDED ROLL CALL VOTE:

Moved by: _____

Seconded by: _____

Roger Rife: _____

Carroll Branham: _____

Craig Stiltner: _____

Trey Adkins: _____

Tim Hess: _____

Jeff Cooper: _____

Drew Keene: _____

Muriel Theresa-Pitney, Clerk of the Court
Supreme Court of Virginia
P.O. Box 1315
100 North Ninth Street, 5th Floor
Richmond, VA 23219-1315

Via email: redistricting@vacourts.gov

RE: Rules and Procedures for Implementing the Requirements of Article II,
Section 6-A --- Including Buchanan County in Proposed Senate District 5

Dear Ms. Theresa-Pitney, Special Masters, and Justices of the Supreme Court of Virginia:

I am writing you today to express my concerns regarding the proposed redistricting of Virginia's Senatorial Districts, particularly the inclusion of Buchanan County into proposed district 6 as opposed to district 5.

As a citizen of Buchanan County there are many reasons that I could provide you as to why Buchanan County should be included in district 5. I will try to keep my letter short and focus on some of the most important.

First, and maybe foremost, is our shared economic interests. Both Buchanan and Tazewell Counties are coal mining economies. In fact, multiple coal mines run across county lines despite the mine entrance being in one county or the other. This generates taxes and revenue for both counties as well as providing good paying jobs to citizens of both counties.

Despite having the coal industry, both counties have determined that we must diversify our economy. Both counties have begun aggressive tourism campaigns that share many similar offerings and opportunities for joint ventures. These range from traditional outdoor activities such as fishing, kayaking, and camping to the development of a trail system for ATVs ("four-wheelers") and UTVs ("side by sides") to travel through our rugged mountains.

Not only do we share these economic interests, but they also distinguish Buchanan County from many of the counties that are in the proposed 6th district. For example, Washington county has a very diversified economy as a result of its historic preservation, its hospitals and medical facilities, and its location on Interstate I-81. Its location in proximity to the interstate puts its economic interests much more in line with its neighbor Smyth County, which is also located in the I-81 corridor, than Buchanan County. Similarly, while our neighbor, Russell County, shares some coal interests, much of its industry is farming and cattle ranching. Further, a significant portion of Russell County's residents work in Washington County or the City of Bristol. Again, our economic interests with Tazewell County are much more similarly aligned. Finally, our other neighbor, Dickenson County, again shares some interest in the coal industry, but its proximity to Wise County results in more traffic and commerce between those

counties than what exists between Buchanan and Dickenson County. For these reasons, I believe that our interests are more commonly aligned with Tazewell County and many of the rural counties in the proposed district 5.

Second, Buchanan and Tazewell Counties have come together to begin several joint ventures through a regional IDA which will allow the creation of jobs and generation of revenue that will serve the citizens of both counties. Project Jonah, an aquaculture venture (or "fish farm" as we like to call it), is presently being constructed in Tazewell County. Due to the unique arrangement, despite its location in our neighboring county, Buchanan County will receive a significant portion of the revenue. This not only helps generate much needed income for our county, but also more job opportunities for the citizens of Buchanan County. This is one of the first of what we hope to be many joint ventures with Tazewell County.

Finally, Buchanan and Tazewell Counties share the US 460 corridor. This highway is the lifeline of rural far southwest Virginia and is used by our citizens, businesses, and suppliers to access I-75 in Tazewell County. Because of this corridor, businesses in each county serve customers from both counties. Families often live in one county and work in the other because we both have easy access to jobs in the other county due to the convenience of a major four lane highway (as opposed to the narrow and curvy roads that Buchanan Countians must use to access other counties). Also because of a significant common border and shared economies, families are often split by the county lines with some family members living in Buchanan County while others live in Tazewell County.

In sum, as a citizen of Buchanan County I truly believe that our shared interests with Tazewell County are so interwoven that it would be devastating to split our counties into two separate Senatorial Districts. Thank you for your time, your consideration, and all your hard work.

Sincerely,



Camela Michelle Roark
Buchanan County Resident
1160 Whitewater Drive
Big Rock, VA 24603

From: [Sandra Tarpinian](#)
To: [Redistricting](#)
Subject: City of Falls Church belongs with Fairfax County, not Arlington
Date: Friday, December 17, 2021 4:50:21 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

I believe that the City of Falls Church (CFC) is much more aligned with Fairfax County as Communities of Interest than with Arlington. There are several reasons:

CFC sits on an economic corridor between Tyson's Corner and Bailey's Crossroads, both in Fairfax County.

CFC shares services with Fairfax County such as the Health

Dept. and water company

CFC is embarking on a major economic development project in collaboration with Fairfax County and WMATA at the West Falls Church metro area.

A CFC elementary school sits on land that is in Fairfax County and requires permission from FFX County Board of Supervisors for alterations to the school.

Please redistrict the CFC to align with Fairfax County!

Sandra Tarpinian
105 Great Falls St.
Falls Church, VA 22046
Sent from my iPhone

From: [Genie McCreery](#)
To: [Redistricting](#)
Subject: Fwd: Redistricting comments
Date: Friday, December 17, 2021 4:54:55 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Dear Supreme Court of Virginia and Special Masters,

Please keep Mount Vernon together! The Special Masters' choice of new maps cuts the Mt Vernon District in half and includes West Springfield, with which we have nothing in common. Many of us have discussed and agreed on the following. These are many of the reasons why Mount Vernon must stay together.

We are now in the 36th Senate District which would become the 34th which the Special Masters characterize as being anchored in Franconia and Springfield. For this community, the core of this Senate district has always been the Mount Vernon, Fort Belvoir and Lorton areas. It only makes sense that I-95 should be the western boundary of this district and that it be anchored in Kingstowne, Lorton and Mount Vernon. Although Springfield is not part of this community, this map pares Mount Vernon District with Springfield. It should be noted that, the Fairfax County Board of Supervisors just approved a new Magisterial District Map. In this map they specifically removed a Springfield precinct because it does not share commonalities with the Mount Vernon district. Here is a link to that map:

<https://www.fairfaxcounty.gov/redistricting/sites/redistricting/files/assets/documents/2021-adopted-redistricting-plan-map.pdf>

The newly drawn Fairfax County magisterial district map is a much better representation than the Senate map as West Springfield and the communities east of I-95 are different communities of interest.

Another problem with the proposed map is that the students who attend Mount Vernon High School would now reside in two different Senate districts. See the map of the school boundaries on this map: https://www.fcps.edu/sites/default/files/boundary-maps/Mountvernon_HS.pdf

The Mount Vernon Community contains many communities of interest which cover the area from the southern edge of Alexandria City (Belle View) all the way south down to the Prince William County line. It goes from the Potomac River west to I-95. The planned development of the Route 1 corridor from Old Town to Fort Belvoir (EMBARC - details here: <https://fairfaxcountygis.maps.arcgis.com/apps/MapSeries/index.html?appid=7e2f347f24bd4f7e909a92b3b2f274a9>) is of concern to all of the residents who

live along the corridor, but is not of interest to West Springfield or Franconia. The significant development that will occur as part of the Embark project, will add substantial population in this area over the next decade, further anchoring this Senate district to this community.

The Mount Vernon Estate and Gunston Hall are the focal points of the Mount Vernon and Lorton communities and many community members volunteer at these historic sites. We have strong community organizations that interact together such as MVCCA (Mount Vernon Council of Citizens' Associations) - <https://www.mvcca.org/> and VIC (Ventures in Community) - <https://venturesincommunity.org/>, Mason Neck Citizen Association, <https://masonneck.org>, The Federation of Lorton Communities, <https://Southcountyfederation.com> now known as the South County Federation, The Lorton Community Action Center. <https://lortonaction.org>, Rising Hope Mission Church in Mount Vernon, <https://risinghopeumc.org>, The volunteer community in the Lorton/Mount Vernon area work together to support these groups up and down the Route 1 Corridor.

We also want to point out the Mount Vernon/Lorton community has always been part of a part of the 8th or 11th Congressional District, and has more in common with Alexandria and Fairfax county than the rest of the proposed 7th congressional district.

We hope you take these comments seriously as our representation has an impact on our sense of community.

Sincerely,

The following list of
concerned citizens in Mount Vernon

Barbara Gershman
Beverly Bacon
Sylvia Cikins
Otis Langford
Elkan D Sanders
Wayne Christian
Shambrica Christian
Zyquan Walker
Kristine Vega
Maria J Vorel
richard m titus
Matt Bell
Genie McCreery
Frank Zawitoski
Max Zawitoski
Gabriele Drechsel
Nancy Yane-Fernald
Gale Curcio
Dawn Drennen

Arina van Breda
Mark Richer
Kathleen Mullen
Barbara Slinker
Todd Smyth
Irene Schubert
Deborah Mathews
Cathy Hosek
Chris Ambrose

From: [Anita Kozakewicz](#)
To: [Redistricting](#)
Subject: 7th District VA
Date: Friday, December 17, 2021 4:57:39 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

I am opposed to the proposed map of congressional districts and ask that you adopt the Farkas map instead. Abigail Spanberger has been my representative for three years, and I am looking forward to her continuing to serve the present 7th District. Thank you, Anita Kozakewicz



Virus-free. www.avast.com

From: [power MASCK](#)
To: [Redistricting](#)
Subject: Comments on Redistricting in the Mount Vernon area of Fairfax County
Date: Friday, December 17, 2021 5:32:55 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Please keep Mount Vernon together! The Super Masters' choice of new maps cuts Mt Vernon in half and includes us with West Springfield, which we do not have anything in common. Many of us have discussed and agreed on the following. These are some of many of the reasons why Mount Vernon must stay together.

We are now in the 36th Senate District which would become the 34th which says we are anchored in Franconia and Springfield. It only makes sense that I-95 should be the western boundary of this district. Fairfax County has much more in common than the areas south of Occoquan in Prince William County or West of I-95. However, this map pairs the Mount Vernon District with Springfield. The Fairfax County Board of Supervisors just approved a new Magisterial District Map for our districts and they REMOVED a Springfield district because we do not share common interests. Here is a link to that map: <https://www.fairfaxcounty.gov/.../2021-adopted...>

The newly drawn Fairfax County magisterial district map is a much better representation than the Senate map as West Springfield and the communities east of I-95 are not communities of interest. An example is the Mount Vernon High School that is located on 8515 Old Mount Vernon Road that would be split in half with this map. See the map of the school boundaries on this map: https://www.fcps.edu/.../boundary-maps/Mountvernon_HS.pdf The memo that states that the 34th district is anchored in West Springfield and Franconia is not true. Looking at the map of Fairfax County AND the school boundary of Mount Vernon High School will inform the Special Masters where the boundaries should be.

The Mount Vernon Community, which contains many communities of interest which cover the area from the southern edge of Alexandria City (Belle View) all the way south down to the Prince William County line. It goes from the Potomac River west to I-95. The development of the Route 1 corridor from Old Town to Fort Belvoir (EMBARK - details here: <https://fairfaxcountygis.maps.arcgis.com/.../index.html...>) is of concern to all of the residents who live along the corridor, but is not of interest to West Springfield or even Franconia.

The Mount Vernon Estate is the anchor of the Mount Vernon community. Please take note that Mount Vernon has a very strong community with organizations like the Mount Vernon Democratic Committee, <http://mvdemocrats.com/>, MVCCA (Mount Vernon Council of

Citizens' Associations) - <https://www.mvcca.org/> and VIC (Ventures in Community)
- <https://venturesincommunity.org/> - Indivisible Below the Beltway
(<https://www.facebook.com/indivisiblebelowthebeltway/>) all of which include members all along the Route 1 Corridor.

Mason Neck is also a part of the Mount Vernon District, as is Lorton, who have nothing in common with the residents of Haymarket and Fredericksburg. For example: Gunston Hall Elementary is a part of our region 3 Pyramid school system and this area will become the 7th Congressional district instead of the 8th, where both are communities of interest and is where they belong.

Please consider these comments, as this affects our everyday lives and our neighborhoods.

Thanks so much!

Sedgwyck Dowling

Concerned citizen of the Mount Vernon Community

8702 Curtis Avenue

Alexandria, VA 22309

From: [Carter Nevill](#)
To: [Redistricting](#)
Subject: Warrenton
Date: Friday, December 17, 2021 5:33:19 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

To the Honorable members of the redistricting committee,

As a citizen of Virginia I think that the Special Masters have done an excellent job with these maps, however as the Mayor of Warrenton in Fauquier County, I have some concerns with the way our town is divided by Senate Districts 31 and 28. The Northern Piedmont, a unique cultural area stretching from Warrenton to Lovettsville is correctly districted into SD 31, but it should include the Town of Warrenton's precincts of Courthouse and Warrenton, which comprise our downtown and business district. I encourage the Special Masters to include these precincts in HD 31, as our economy largely depends on the relationships to the North, and Warrentonians often commute northward and eastward, but rarely to the South. Warrenton is considered part of the Washington-Baltimore Statistical Area, meaning that our policy decisions, economic drivers, and general vision of the town will always be more heavily influenced by activities to our North and East. As such, we would be at a severe representational disadvantage should our legislative team be focused on the more rural issues that are distinct to the district we are currently drawn into. Furthermore, the town is currently in negotiations with Fauquier County on a boundary line adjustment, which could potentially divide representation between residents in the town. I sincerely thank the Special Masters for their diligent work on our behalf.

Thank you for your consideration

Carter Nevill
Mayor
Town of Warrenton
cnevill@warrentonva.gov
(540) 359-5246

Sent from my iPhone. Please excuse any typos.

From: [Carolyn Lempert](#)
To: [Redistricting](#)
Subject: District 2
Date: Friday, December 17, 2021 6:22:37 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

I find no logic in your proposal to eliminate Norfolk from this district and add Isle of Wight. The east side of Norfolk has common interests with Virginia Beach: heavy military presence, coastal areas important for tourism, areas subject to the ravages of climate change and flooding. I find no similarities with Isle of Wight, an inland, rural area. Please reconsider your map.

Thank you,
Carolyn Lempert
4609 Miles Standish Rd
Virginia Beach 23455
Sent from my iPhone

From: [Corey Salyers](#)
To: [Redistricting](#)
Subject: Public Comment on proposed redistricting
Date: Friday, December 17, 2021 7:16:17 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

My name is Corey Salyers. I live in Gate City, which is in Scott County and the 9th congressional district. I recently reviewed the redistricting map proposed by the Court's Special Masters and was shocked at the new 9th. As someone who resides in the far southwestern corner of the Commonwealth, it is important for our "region" to speak with one voice in the United States Congress. By region, I mean - Southwest Virginia.

Regardless of how the district lines are drawn, Southwest Virginia differs from the rest of the Commonwealth. Its history, its cultural ties to rural central Appalachia, its recent economic struggles, and its creative new economic development strategies are unique. From coal mining to farming or from manufacturing to outdoor recreation, the mountains of Appalachia form the identity of the 9th district, its economy, its people, and its future.

That's why it makes far more sense for Salem, Craig, Covington, and Allegheny to be in the 9th district than Bedford, Franklin, and Henry. Either way, I - as a resident of far Southwest Virginia - believe Salem is far more representative of my home community than Bedford or Lynchburg. If the new districting prevails the "true members of Southwest Virginia" would not be represented, in actuality the new lines are geared more towards central Virginia.

Finally, it is my respectful request and sincere hope that you would keep Salem in the 9th district when you finalize the district maps.

All the best,
Corey Salyers

From: [Tony Tony](#)
To: [Redistricting](#)
Subject: Representative Whitman
Date: Friday, December 17, 2021 7:33:10 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

I ask not to be disenfranchised by a redistricting plan that takes away my sole voice in Congress. It is already deeply discouraging to have two U.S. Senators diametrically opposing my values.

From: [Dianne Salva](#)
To: [Redistricting](#)
Subject: Mount Vernon Redistricting plan
Date: Friday, December 17, 2021 8:47:53 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Dear Sir or Madam:

Please keep Mount Vernon together! The Super Masters' choice of new maps cuts Mt Vernon in half and includes us with West Springfield, which we do not have anything in common. Many of us have discussed and agreed on the following. These are some of many of the reason why Mount Vernon must stay together.

We are now in the 36th Senate District which would become the 34th which says we are anchored in Franconia and Springfield. It only makes sense that I-95 should be the western boundary of this district. Fairfax County has much more in common than the areas south of Occoquan in Prince William County or West of I-95. However, this map pairs the Mount Vernon District with Springfield. The Fairfax County Board of Supervisors just approved a new Magisterial District Map for our districts and they REMOVED a Springfield district because we do not share common interests. Here is a link to that map: <https://www.fairfaxcounty.gov/.../2021-adopted...> The newly drawn Fairfax County magisterial district map is a much better representation than the Senate map as West Springfield and the communities east of I-95 are not communities of interest. An example is the Mount Vernon High School that is located on 8515 Old Mount Vernon Road that would be split in half with this map. See the map of the school boundaries on this map: https://www.fcps.edu/.../boundary-maps/Mountvernon_HS.pdf The memo that states that the 34th district is anchored in West Springfield and Franconia is not true. Looking at the map of Fairfax County AND the school boundary of Mount Vernon High School will inform the Special Masters where the boundaries should be.

The Mount Vernon Community, which contains many communities of interest which cover the area from the southern edge of Alexandria City (Belle View) all the way south down to the Prince William County line. It goes from the Potomac River west to I-95. The development of the Route 1 corridor from Old Town to Fort Belvoir (EMBARK - details here: <https://fairfaxcountygis.maps.arcgis.com/.../index.html>...) is of concern to all of the residents who live along the corridor, but is not of interest to West Springfield or even Franconia.

The Mount Vernon Estate is the anchor of the Mount Vernon community. Please take note that Mount Vernon has a very strong community with organizations like the Mount Vernon Democratic Committee, <http://mvdemocrats.com/>, MVCCA (Mount Vernon Council of Citizens' Associations) - <https://www.mvcca.org/> and VIC (Ventures in Community) - <https://venturesincommunity.org/> - Indivisible Below the Beltway (<https://www.facebook.com/indivisiblebelowthebeltway/>) all of which include members all along the Route 1 Corridor.

Mason Neck is also a part of the Mount Vernon District, as is Lorton, who have nothing in common with the residents of Haymarket and Fredericksburg. For example: Gunston Hall Elementary is a part of our region 3 Pyramid school system and this area will become the 7th Congressional district instead of the 8th, where both are communities of interest and is where they belong.

Please consider these comments, as this affects our everyday lives.

Sincerely,

Dianne Salva
Concerned citizen of the Mount Vernon Community

Sent from my iPhone

From: [Marlene Meade](#)
To: [Redistricting](#)
Subject: Congressional districts
Date: Friday, December 17, 2021 9:03:01 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

I am opposed to the proposed map of the congressional districts and urge you to adopt the Farkas map instead.

Please keep Virginia elections fair and assessable to all.

Thank you,

Marlene Meade

[Sent from the all new AOL app for iOS](#)

From: [Mark Donner](#)
To: [Redistricting](#)
Subject: Congressional Redistricting Comment - Mark Donner
Date: Friday, December 17, 2021 9:29:08 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

To the Supreme Court of Virginia:

I fundamentally disagree with the alignments of Robert Scott and Donald McEachin's specially carved districts, otherwise known as the 3rd and 4th. Why can Portsmouth and Norfolk not be joined with their surrounding suburbs to unify the Hampton Roads area's racial groups under a common representative? They have nothing in common with Hampton and Newport News other than race. This stokes racial division and ruins our country.

What does Southside rural Virginia have more in common with urban Richmond than Richmond's suburbs do, other than race? This Reconstructionist philosophy to amplify racial discrimination in politics does not actually yield racial equity, but promotes an ability for the well-established members of society to "divide and conquer."

The draft maps would finally allow me to live in a competitive district (2nd), but the problems described above have caused my votes in the 3rd and 4th to not be meaningfully cast for 18 years of voting in my home state of Virginia. This is a basic deprivation of democracy in the name of de jure racial separation.

Sincerely,
Mark Donner

From: [DALE RUMBERGER](#)
To: [Redistricting](#)
Cc: [DALE RUMBERGER](#)
Subject: 2021 Redistricting proposal
Date: Friday, December 17, 2021 11:49:40 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

We wish to object to portions of the redistricting plan proposed by the Virginia Supreme Court.

On behalf of the 17000 members of the South County Federation, a citizens representation organization found in southeastern Fairfax County, the proposed alignment of the House of Delegates, State Senate and finally Congressional representation seem to fly in the face of existing natural boundaries that have been used for decades (and into centuries.)

The Occoquan River has been a firm boundary in separation of Fairfax and Prince William counties. To throw that aside and move the Mason Neck area into a congressional boundary stretching past the City of Fredericksburg also stretches the credibility of your efforts.

The split of the proposed 18th and 19th districts has torn asunder long established precincts, neighborhoods and facilities located in those areas that were hard earned by community involvement and effort.

If you look farther west you see tremendous discrepancies in terms of majority/minority percentage of population. I am not speaking of 5-7 points difference; I mean 30 points of difference. A much closer reexamination of those percentages is in order, at least in those areas of Fairfax County.

Your split of the Mount Vernon Magisterial district, placing the Mount Vernon Estate into a congressional district touching Ferry Farm might be "clever" for some history buffs, but it does nothing for support of the area in terms of representation, let alone tourism.

While this could be seen as a good first draft, it is hardly ready for real political representation, especially in these fractious times of polarized party discontent. New boundaries should project a sense of new excitement about potential connections, not alarm or dread.

We urge you to take the above into consideration and engage the public in drawing boundaries that both represent AND respect.

Cordially,

Dale Rumberger President, South County Federation

From: [Finale Norton](#)
To: [Redistricting](#)
Subject: Proposed Second Congressional District Map
Date: Saturday, December 18, 2021 9:21:56 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Finale Norton
4542 Peaceful Shores Dr
Jamesville, Va
757.769.1835

Disapproval of Map for CD2

The Honorable Muriel-Theresa Pitney, Clerk
Supreme Court of Virginia

Dear Ms Pitney,

The Special Masters have recommended a crooked “J” shaped map that skips Norfolk. I live on the Eastern Shore, and with it comes it’s own complications, As part of a rural community it is difficult to get a fair shot at all voices being heard, Rural communities are not monolithic. Here’s why Norfolk is so important:

1. It gives a more fair opportunity for communities of color to be heard...already in the map drawn for House District 100 consolidated with Va Beach, communities of colors voices have all been primarily silenced. Norfolk gives us a shot.
2. The Eastern Shore separated by the Chesapeake Bay Bridge Tunnel has all the coastal challenges with Norfolk as well as Virginia Beach, they should all be addressed by one congressional representative for continuity so we get the best and most consistent results possible.
3. Wallops Island, US Naval installations in both Va Beach, and Norfolk, the commonality is for military veterans, active duty, and support systems to remain together is the greatest benefit for the best outcomes in services with consistent representation.

Whatever our race and background we all deserve the best and most consistent representation we can get. This is the occasion where zip codes matter. I hope you will take the action of putting CD2 back the way that is most beneficial to all of its constituents.

Respectfully,
Finale Norton

Sent from my iPad

From: [Ivelisse Gilman](#)
To: [Redistricting](#)
Subject: Opposed to taking Norfolk out of 2nd district.
Date: Saturday, December 18, 2021 10:02:21 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Hello,
I am a resident of Yorktown, Virginia and I was
shocked to see the new redistricting maps.
How does taking Norfolk out of the 2nd district make any sense?

The military populations need to be together and have the same federal representation in order to
best advocate for their needs.
There are also similar environmental needs for Norfolk and Virginia Beach and keeping them together in the same
district makes a lot more sense.

Please consider keeping Norfolk in the 2nd district.

Thank-you,
Ivelisse
213 Water Fowl Drive
Yorktown, VA 23692
Sent from my iPhone

From: [Joanne](#)
To: [Redistricting](#)
Subject: Redistricting
Date: Saturday, December 18, 2021 10:02:51 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

I am a voter in the 2nd district and am concerned and distressed about the proposed redistricting plan. Militarily, the veterans and active duty population should not be split. They are vital to the socio-economic strength of Hampton Roads. Air Station Oceana in Virginia Beach and Norfolk's Naval Station, Fleet Forces personnel work closely together and reside in both cities. They deserve to have the same federal representation to advocate for their interests.

Environmentally, Ocean View and waterfront parts of Norfolk and Virginia Beach specifically require to have federal representation together because of their shared concerns.

Contiguity is another issue for our 2nd district. People would need to drive through the majority of the 3rd district to get from one end of the second district to the other due to the Dismal Swamp! That is a disconnect.

Thank you for reading and taking the time to consider my concerns.
Joanne Glass
Virginia Beach

Sent from my iPhone

From: [Kati Hornung](#)
To: [Redistricting](#)
Subject: Something is aMISS
Date: Saturday, December 18, 2021 11:05:19 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

To whom it may concern:

The women in Virginia, which is to say a majority of Virginians, are taking note of the fact that **the only House of Representatives incumbents given a more difficult path to reelection are women.**

Perhaps if one of the map masters had been a woman, it would have given her pause pause to create a map with the potential to eliminate all three Virginia women serving in the House of Representatives.

Perhaps if one of the map masters had been a woman, communities would have been kept together, rather than split down the middle of a large road in the county.

Perhaps if one of the map masters had been a woman, a woman representing the 7th District of Virginia would not have been written out of her district.

It is 2021 and women are tired of not having a seat at the table where decisions such as this are made. Those choosing map masters need to think a little harder about how they have silenced the majority of Virginians. ***Those chosen as map masters need to ensure their results do not appear to discriminate based on the sex of incumbents.*** While it is not yet constitutionally protected in the same way as race, it impacts a majority of us and should weigh heavily on the conscience of those shaping our futures.

Sincerely,

Kati Hornung

From: [Kati Hornung](#)
To: [Redistricting](#)
Subject: p.s.
Date: Saturday, December 18, 2021 11:07:58 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

I forgot to add this in my note sent moments ago:

I am opposed to the map proposed by the map masters. Please instead adopt the Farkas map.

Thank you.

- Kati Hornung

From: [Gail Wade](#)
To: [Redistricting](#)
Subject: Redistricting
Date: Saturday, December 18, 2021 11:50:38 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

As a forty five year resident of Fairfax City and Fairfax County, I have to express my dismay at the proposal I have just seen, particularly in regard to changing the 37th delegate district to the 11th.

Looking at the map, I can see the geographic appeal of the proposal, but there are several local issues that bear consideration. George Mason University, and their 30,000 students have a huge impact on the entire area of the former 37th District, and a substantial financial impact on the county. I have seen the town-gown relationship go from contentious to collegial, and to replace the southern area of Burke-Fairfax and replace it with Oakton seems to ignore the commonality of interests the areas around GMU share.

Braddock District has always been the most heavily residential, and least commercial, of the districts in Fairfax County. I had to research to learn the identity of the County Supervisor for Oakton. I was shocked to learn that the Providence supervisor, who represents Oakton, also represents Tysons. I am simply unable to wrap my brain around serving the interests of GMU, the Braddock suburban neighborhoods, and the urban sprawl which is Tysons Corner.

Fairfax City, in particular, has a particularly involved electorate. When our representatives in Richmond come home and hold a Town Meeting mid-session, folks know to arrive thirty minutes early, because they are standing room only. (This was pre-pandemic, of course.). I'm afraid that redrawing the district to respect geography rather than common interests will have a negative impact on voters interest in often murky world of Richmond.

Gail Wade

Fairfax City

Delegate Vivian Watts - Revision to reflect actual census data to replace comment posted 12/14/21 based on estimates.

Wakefield Precinct should be moved from proposed HD15 to the proposed HD14 and the portion of Woodburn Precinct inside the Beltway should be moved from the proposed HD14 to the Proposed HD13:

(1) The **deviation** for HD15 under the proposed plan of +2.01% would tighten to -1.62%. The deviation of HD14 would tighten from -0.86% to +0.76%. Although the deviation for HD13 would increase from +0.16% to +2.16%, it still would be less than 9 other proposed House districts.

(2) The **nesting** of 5 House districts within 2 Senate districts would not be breached: HD15 remains wholly within SD35. HD14 also remains wholly within SD35 within the exception of a precinct in SD37 already assigned to it. HD13 remains split between SD35 and SD37.

(3) **Compactness** of HD13, HD14 and HD15 would not change because Wakefield Precinct and Woodburn Precinct are at a corner of the districts involved. In addition, the identifiable borders of HD13 and HD14 will be significantly improved by using the Beltway, which will divide the current Woodburn Precinct as proposed by Fairfax County in their redistricting. Furthermore, HD13 and HD14 will be defined by the entire length of Gallow Rd inside the Beltway.

(4) HD14 and HD13 would remain solidly **majority-minority districts**:

	Deviation	Adj Pop	White	Hispanic	Asian	Others	Black	HWA/PI
proposed HD14	-0.86%	85,572	32,568	22,663	19,704	12,796	8,822	47
Wakefield		3,132	2,140	254	507	84	102	1
Woodburn (pt)		-1,734	-1,106	-140	-353	-48	-34	0
revised HD14	0.76%	86,970	33,602	22,777	19,858	12,832	8,890	48
proposed HD13	0.16%	86,448	35,215	28,662	15,849	16,333	5,810	53
Woodburn (pt)		1,734	1,106	140	353	48	34	0
revised HD13	2.16%	88,182	36,321	28,802	16,202	16,381	5,844	53

(5) **Community of interest** will be served. Wakefield Precinct residents are in the Annandale 22003 zip code which is dominant zip code of HD14 but is only barely represented in HD15. Wakefield Precinct shares school attendance areas with essentially the same number of households in either HD14 or HD15. A recorded citizen comment about shopping patterns of Fairfax County's proposed Woodburn Precinct divide would be echoed in many border precincts of districts throughout Northern Virginia's suburban sprawl.

(6) If the critical redistricting principles in 1-5 have been satisfied, I am not aware of established court precedent for not considering where current elected officials reside. HD15 has two incumbents; HD14 has none. At this point in Virginia House history, un-justified loss of legislative experience is particularly serious to the complexity of shaping public policy. Both incumbents have more than 10 years of experience, while two-thirds of the 2022 House has less than 10 years and almost half have less than 5 years.

(7) Moving Wakefield Precinct into the under-populated HD14 gives more flexibility to address numerous public concerns about HD15 regarding splitting the Kings Park West community, as well as addressing the awkward hook of Cardinal Precinct in HD15's border.

From: [Linda Franzitta](#)
To: [Redistricting](#)
Subject: Redistricting Proposal for CD2
Date: Saturday, December 18, 2021 1:20:57 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

As a citizen of Virginia Beach for the past 35 years, I am very concerned about the proposal to redraw the Second Congressional District. Military orders brought us to Virginia Beach in 1986. The proposal will split the Hampton Roads military constituency and remove the voting bloc that CD2, which includes Naval Station Norfolk, Joint Base Langley/Eustis, Naval Air Station Oceana, and Joint Expeditionary Base Little Creek/Fort Story, has traditionally maintained. By separating these very important military installations into different districts and replacing them with rural localities the political strength of our military population would almost certainly be diluted. The plan would result in different districts which serve the military competing with each other for critical Congressional funding and would not serve the interests of our nation, our state or our distinctly military-centric region. For as long as I can recall, CD2 has been recognized as the "Virginia military district," and its representative has served on the Armed Services Committee. All of the bases work closely together to support our national interest. Active-duty service members live in most of the localities and commute to work. Active duty and retired military members deserve to have the same federal representative advocate for their mutual interests in Congress. I would join those concerned citizens asking you to leave the current area of Norfolk which lies in the second district intact.

Sincerely,

Linda Franzitta
964 Commodore Drive
Virginia Beach, VA

From: [Sara Hollberg](#)
To: [Redistricting](#)
Subject: Redistricting Staunton/Waynesboro/Augusta County
Date: Saturday, December 18, 2021 1:47:16 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

TO WHOM IT MAY CONCERN:

Please keep Staunton and Waynesboro in the Senatorial district with the rest of Augusta County and the central Shenandoah Valley.

The proposed redistricting map that would split Augusta County and send Staunton and Waynesboro into a district that far south and west makes no common sense on the ground and would be very detrimental to citizen interests of not just the area split off but also the remaining area of common interest. This split would directly harm our ability to be well represented in the General Assembly. Staunton and Waynesboro are central to Augusta County and to the central Shenandoah region. We have strong common interests also with Rockingham County, particularly on economic and land use issues, and are the primary hub for Highland County residents as well.

I know these communities well as a resident and also as a land use planner working at the Central Shenandoah Planning District Commission and other regional jobs throughout my career. Splitting these cities off to be the satellite of a distant region would make us potentially irrelevant and unheard in the new district as well as gut the remaining Augusta north district. This split would go against our entire history of interwoven ties of shared interest, economies, land use issues, institutional partnerships, and alliances in the county. It also cuts against most of the regional groupings for state agencies and programs.

Thank you for your consideration.

Sara Hollberg
24 Church Street
Staunton VA 24401
540.290.1520

From: [Don Sharpe](#)
To: [Redistricting](#)
Subject: Redistricting Maps
Date: Saturday, December 18, 2021 1:52:36 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Virginians are tired of the politics of gerrymandering and party attempts to control power not through the ballot box but through controlling the districts. Please follow the constitution, not your party affiliation in setting districts. Virginians deserve better than the attempts of Democrats to gerrymander districts in their favor. Just do what is right and proper, not what is party desired.--

Don Sharpe
804.426.7822
donsharpe52@gmail.com

From: [Sherry Eckert](#)
To: [Redistricting](#)
Subject: Redistricting Maps
Date: Saturday, December 18, 2021 1:56:45 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

The town of Vinton is within Roanoke County but with the proposed redistricting will be separated from most of Roanoke County and much of the valley.

I encourage you to keep communities of interest together with redistricting.

Also avoid gerrymandering of our districts.

From: [Mike Fiorillo](#)
To: [Redistricting](#)
Subject: Redistricting Maps
Date: Saturday, December 18, 2021 1:57:31 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

I believe that the new Governor would oppose this action, I therefore strongly advise this redistricting be defeated, it is an obvious attempt to set up liberal agendas

Get [Outlook for iOS](#)

From: [aeiouyw1](#)
To: [Redistricting](#)
Subject: Redistricting Maps
Date: Saturday, December 18, 2021 1:57:52 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Western Louisa County should not be combined with Albemarle for any office. Louisa is a rural county and has nothing in common with Albemarle.

Sent from my Verizon, Samsung Galaxy smartphone

From: [Linda Meyer](#)
To: [Redistricting](#)
Subject: Redistricting Maps
Date: Saturday, December 18, 2021 2:07:47 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

This remaking should be done according to established county perimeters & not helter-skelter on this street & roadway. Linda Meyer, 1118 Dry road, Speedwell, VA 24374

From: [Anna Whetsel Rucker](#)
To: [Redistricting](#)
Subject: Virginia redistricting
Date: Saturday, December 18, 2021 2:12:40 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Dear fellow Virginians,

In redistricting Virginia, I understand it is a huge task on your part. I do however feel it would be a huge disservice to SWVA, New River Valley especially Radford to remove Blacksburg from our district. We work together, live together and have church together. We need funding in our area to increase not decrease. Removing Blacksburg and also Salem from these Senate and Congressional Districts takes teacher and community funding, infrastructure and transportation funding, Health care and community awareness funding from me, my family and the families I serve. I am a Doula and HypnoBirthing® Childbirth Educator. I serve families in the New River and Roanoke Valleys. These families depend on funding and decision to be made with them in mind. The redistricting proposed does not support this. Please keep Radford, Blacksburg and Montgomery County together.

Sincerely,

Anna Whetsel Rucker

--

Peace & Many Blessings,
Anna Whetsel Rucker

From: [Sarah Koch](#)
To: [Redistricting](#)
Subject: Redistricting Maps
Date: Saturday, December 18, 2021 2:26:05 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

To Whom It May Concern:

As a Representative of We the People Grassroots, we adamantly oppose the redistricting drafts as they are encouraging gerrymandering of the Roanoke and New River Valleys. As such, the districts should be compact.

Thank you,

Sarah Koch, VA We the People Grassroots Representative

Sent from my Verizon, Samsung Galaxy smartphone
Get [Outlook for Android](#)

From: [Candace Graham](#)
To: [Redistricting](#)
Subject: Written remarks
Date: Saturday, December 18, 2021 2:31:13 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Just in case you weren't able to open the attachment

Chief Justice and honorable members of the court, thank you for this opportunity to tell you why I'm opposed to the map of congressional districts that has been proposed. My name is Candace Graham and I live in Western Chesterfield County, in the Richmond Metro Area of Central Virginia. Many of those testifying on Wednesday demonstrated that Chesterfield and Henrico are a community of interest and should not be separated. Access to healthcare, shopping, business and recreation is shared by both counties, via Interstates 288 and 64 and the Chippenham Parkway. Western Chesterfield and Henrico are developing rapidly. We share common challenges in infrastructure, education and transportation. Chesterfield County has much more in common with suburban Henrico (In the proposed 1st CD) than it does with any of the rural counties south and west of us (in the proposed 5th CD).

Others who have testified listed the agencies that provide services to the entire Central VA region. This is the region the map masters should start with, instead of treating it as an afterthought. Henrico County was established in 1611. This region is the birthplace of the nation. How can this important region be adequately represented by 4 different representatives?

On a related note, I am a member of a national organization whose purpose is to elect more women to office. There are currently 3 Congresswomen representing Virginia. Instead of creating districts that are more competitive, the proposed map decimates the district of one of the women incumbents, draws another woman incumbent out of her district, and makes the district of the third a toss-up. It feels like we're going backwards. These women have been elected and re-elected

because the majority of their constituents feel well-represented. Their existing districts are already competitive and challenging.

I am asking the court to instruct the map masters to adopt the Farkas map, instead. It would preserve this historic community of interest in Central Virginia, and it would retain the districts of the 3 women incumbents.

Thank you so much for your consideration.

Sincerely,

Candace Graham

Midlothian, VA

From: [Anna Bruce](#)
To: [Redistricting](#)
Subject: Redistricting Maps
Date: Saturday, December 18, 2021 2:31:31 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

To of Virginia Supreme Court,

Districts in the Roanoke and New River valley should be compact not gerrymandered all over the valley.

Regards,
Mrs. Anna Bruce

From: [Ken Anderson](#)
To: [Redistricting](#)
Subject: Redistricting Maps
Date: Saturday, December 18, 2021 2:34:22 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

I am an engineer and surveyor whose company, Anderson & Associates, pioneered GIS and GIS based redistricting in western Virginia in the 1970's and 1980's.

I don't know the current issues with any districts but I would be extremely leery of complaints by political organizations as I understand there is in the Roanoke-Blacksburg area.

I also served as Co-Chair of the New Century Council which involved Roanoke and the New River Valley.

I would be happy to provide input based on my experience. I do, however, have my bias as a Republican.

Ken Anderson, PE-LS
540 392 4429

Sent from my iPhone

From: [Thomas And Janet Russell](#)
To: [Redistricting](#)
Subject: Redistricting Maps
Date: Saturday, December 18, 2021 2:37:08 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

I believe communities of interest need to be drawn together in redistricting plans.

It is hard to avoid politicization of this process but the court should look for any potential manipulations which might separate and/or isolate some towns (like Vinton, which would be better as part of Roanoke valley instead of being drawn with Staunton).

Our elections are important and drawing districts in funky ways can be devastating.

Thank you for exercising your powers carefully.

From: stevedthompson777
To: [Redistricting](#)
Cc: ["David Suetterlein"](#)
Subject: Redistricting Maps
Date: Saturday, December 18, 2021 2:43:41 PM
Importance: High

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Dear Honorable Justices,

My name is Steve Thompson. I am a Virginia resident and an active voter and Virginia taxpayer.

I am writing you today to tell you that I am **STRONGLY** opposed to the Blacksburg Democrat arguments that encourage a gerrymander of the Roanoke and New River Valley districts.

This is unethical and possibly criminal.

Please oppose these Democrat dirty tricks and impropriety.

Sincerely,
Steve.

Best Regards,
Stephen D. Thompson
702.715.6287
stevedthompson777@gmail.com

From: [Steve Himes](#)
To: [Redistricting](#)
Subject: Redistricting Maps
Date: Saturday, December 18, 2021 2:55:58 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Dear Supreme Court,

I do not support gerrymandering districts for any reason. Districts should be compact. Most of the draft Virginia re-district map makes sense to me, even though I am sad that my location will no longer be in VA-01. I will miss Congressman Rob Wittman.

Regards,

Capt Stephen J. Himes (USN Ret)
10225 Moss Tower Place
Bristow, VA 20136

From: [Eileen](#)
To: [Redistricting](#)
Subject: Redistricting Maps
Date: Saturday, December 18, 2021 3:01:45 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

We need to stay with compact districts. Bigger is not always better when dealing with, & caring for your district.
Eileen Langowsky
District 9

Sent from my iPhone

From: [Donna Pringle](#)
To: [Redistricting](#)
Subject: Redistricting Maps
Date: Saturday, December 18, 2021 3:33:37 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Voting districts in Virginia should be compact, not serpentine.

Supreme Court of Virginia

Public Comment

17 December 2021

Brandon Turner

Fairfax County, VA

I want to thank members of the Supreme Court of Virginia for your time in hearing public comments to these proposed maps. My name is Brandon Turner, and I am offering my public comment on the congressional maps as a longtime resident of Fairfax County. While these maps are more compact than the current gerrymandered districts, they require a significant rework so as not to separate communities of interest, as well as to make the districts more competitive.

While the proposed congressional maps look more compact, the approach is inconsistent. It is not fair to allow some regions to keep their communities of interest while breaking up others, such as the I-64 corridor in Central VA.

In the proposed maps, the three current congressional districts that largely populate my region of Northern VA – districts 8, 10, and 11 - retain their population load centers of Fairfax, Arlington, and Loudon Counties as related communities of interest. It is common for residents – myself included – to live in one of these three counties, but work and socialize in one or both of the other two.

Unfortunately, this level of respect is not afforded to all regions of the Commonwealth, particularly Central VA. Specifically, Henrico County and Chesterfield County are now split in multiple directions and into three congressional districts - 1, 4, and 5. I often drive through and visit friends in different counties in Central VA. **Henrico and Chesterfield are clearly related communities of interest.** Further, why not draw Albemarle County in with the Richmond suburbs of Henrico and Chesterfield? Albemarle has more in common economically and socially with the Richmond suburbs than it does with the two rural districts into which it would be cleaved. **Unfortunately, the proposed maps split up Central VA and the Richmond suburbs like spare parts of a car at an auto auction.**

From my visits, I recognize that just like back home in Fairfax, Arlington, and Loudon Counties, the people of Henrico, Chesterfield, and Albemarle Counties often live in one county and cross into the other two Counties as well as Richmond proper for work and socializing. But where I jump on the Fairfax County Parkway or the DC Metro system to traverse Fairfax County, residents of Central VA hop on I-64 and the Chippenham Parkway, which also serve as physical infrastructure boundaries of the region.

Additionally, most of the proposed congressional districts look absurdly safe for one political party or the other – for example, VA08 is D+50 and VA09 is R+46. **One would expect this level of packing from partisan gerrymandering, but not from a bipartisan redistricting commission.** We need more chances to meet and speak with neighbors who may not see matters the same way as we do - conversation often leads to mutual understanding.

My request for the Special Masters and the Supreme Court of Virginia is twofold. First, revisit these congressional maps and make substantial changes toward reuniting natural communities of interest, specifically in the Richmond suburbs. **Second,** rework the boundaries which leave districts far less competitive, perhaps by integrating Prince William County into the proposed VA10. **Said another way, the proposed Farkas Map would reunite communities of interest in Central VA as well as ensure Northern VA also remains together making it preferable to the proposed maps.**

I thank members of the Court for the opportunity to address you today.

From: wilcher@tds.net
To: [Redistricting](#)
Subject: Redistricting Maps
Date: Saturday, December 18, 2021 3:43:37 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

All of Roanoke County, Roanoke City and Salem should be in the 9th Congressional District because it aligns with Montgomery County and Radford. All of Bedford County should be in the 6th. Thank you for your consideration.

John W. Wilcher
540-309-9991
PO Box 66 Ne Castle, Va 24127

From: [James M. Bowling IV](#)
To: [Redistricting](#)
Subject: Redistricting Albemarle County
Date: Saturday, December 18, 2021 3:45:30 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Dear Sirs,

I have been a long- time resident of Albemarle County. In recent years it has been hard to keep track of whom is representing Albemarle County since there have been so many of them, several with small pieces of Albemarle at the tail end of their election district. Now I have read that you want to make Albemarle the only split county, dividing it in half. You have a difficult job. I implore you to find a way to make Albemarle County one district, no matter where you put it. Fair is fair.

Jim Bowling

From: [Stephen Vinson](#)
To: [Redistricting](#)
Subject: Redistricting Maps
Date: Saturday, December 18, 2021 3:51:54 PM

EXTERNAL EMAIL

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Please consider allowing communities to be grouped together with contiguous communities that are similar geographically, economically and socially.

From: [Susan Turner](#)
To: [Redistricting](#)
Subject: Redistricting Maps
Date: Saturday, December 18, 2021 3:57:39 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

I am extremely tired of being in a district in Virginia that doesn't include my neighborhood but is stretched from here to yonder and then paired with cities in which I do not hold common values.

Please leave politics out and create compact districts that make me feel like a real citizen with a real voice.

--

Susan Turner
757-618-5882
weddingbysusan.com

Virginia Living Magazine "Top Wedding Professionals In The State" 2018

From: [tim.fisher](#)
To: [Redistricting](#)
Subject: Redistricting Maps
Date: Saturday, December 18, 2021 3:59:25 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Your Judgeship,

Please note my opposition to gerrymandering districts to get a desired vote. I oppose any attempt to break up a community's vote. Citizens should be voting for representatives from their own geographical community not from a community many miles away.

Sincerely, Dr. Timothy H. Fisher

Sent from my iPhone

From: [CHRIS THOMAS](#)
To: [Redistricting](#)
Subject: Redistricting Maps
Date: Saturday, December 18, 2021 4:06:22 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Please keep the City of Salem in the 9th District. We are an Independent City whose thoughts and views are aligned with our neighbors to the west, and the parts of Roanoke County that are currently in the 9th. We have nothing in common with Winchester or the City of Roanoke. We would be swallowed up by the sixth district if the Redistricting maps are approved as drawn. Please keep Salem independent and in the 9th! Please..

Sent from my iPhone

From: [nancy ford](#)
To: [Redistricting](#)
Subject: Problems with the 2nd Congressional District in Virginia
Date: Saturday, December 18, 2021 4:24:43 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

I have been a resident of Virginia Beach for 25 of the past 42 years. I have come to appreciate its distinctive geographical, economic and social attributes and love interacting with its great variety of residents from all over the country. Few localities combine a flourishing tourist industry with critical military operations as do Virginia Beach and Norfolk. Because of these unique features, Virginia Beach and Norfolk share many critical interests that necessitate preserving their coastlines and waterways. Sea level rise is projected to impact our region far more than most in the United States and it is imperative that our representatives in Congress present a strong, united front on climate change and military issues. Certainly, Virginia Beach and Norfolk share many more common concerns in these areas and others than do Virginia Beach and Isle of Wight or Suffolk. Military operations, base development and resource usage, veterans' care and support for military families are far more significant issues for these two coastal localities than they are for inland communities with no notable military presence. The same is true for environmental concerns such as coastal erosion, off-shore energy production and encroachment of the seas on military bases and resort areas.

If the purpose of drawing congressional districts is to provide effective representation in Congress for communities with distinctive needs, the creation of the proposed 2nd District makes little sense at all. It is emblematic of the grotesque gerrymandering that has plagued redistricting for centuries and makes a mockery of the claim that the special masters have created districts that are compact and contiguous as well as representative of people with similar interests and concerns. It is imperative that you create districts that allow representatives to focus on the major issues of their region, not a plethora of unrelated concerns that people in a far-flung district might have. Virginia Beach and Norfolk must share representation.

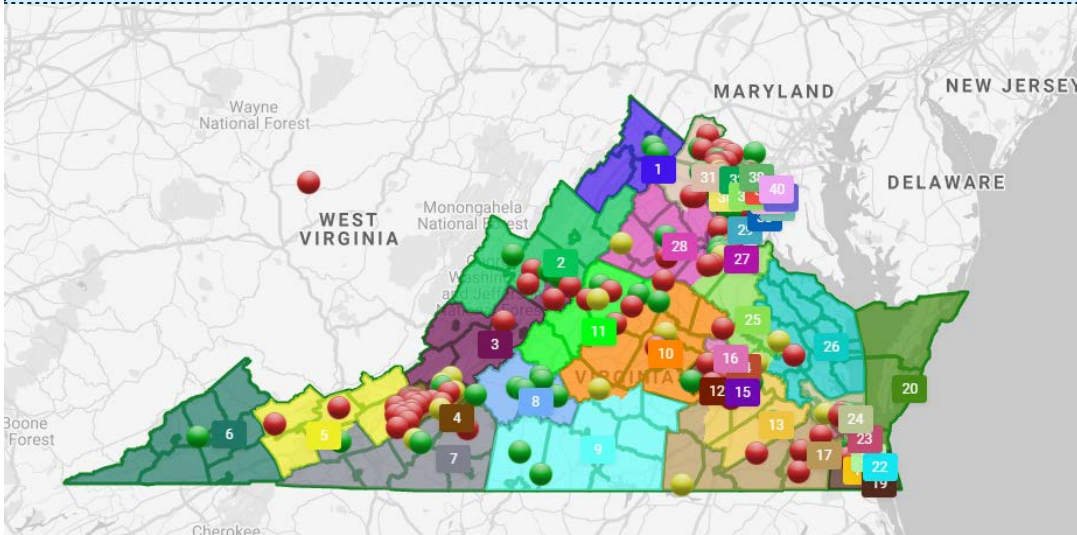
Thank you for your consideration of these matters that will impact our region for generations to come.

Nancy Ford
Virginia Beach

From: [Nancy Markon](#)
To: [Redistricting](#)
Subject: Redistricting Maps
Date: Saturday, December 18, 2021 4:39:20 PM
Attachments: [image.png](#)

EXTERNAL EMAIL

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This is a major improvement compared to what previously existed. I'm in favor of districts being geographically compact, so I'm glad to see that the "snake districts" which stretched across many miles and multiple jurisdictions are gone.

To the maximum degree possible, I believe it's important to vote and pay taxes with the same group of people. We're more likely to have shared concerns even if there's an urban, suburban, and rural population mix in a district. Yet like it or not, as populations grow, urban areas will have more and more impact on election outcomes. Historically, they tend to vote for Democrats.

What's most important to me is that districts be drawn so that the people choose their representatives and not the other way around.

Nancy W Markon
Midlothian, Va 23113

From: [Gail](#)
To: [Redistricting](#)
Subject: Mount Vernon
Date: Saturday, December 18, 2021 4:44:52 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Hello, the redistricting of Mt Vernon community together with Lorton and Woodbridge makes absolutely no sense, crossed two counties, has no regard for the community of Mt. Vernon, The homes in the original five farms of Gw and the representation of those in our community, which is Alexandria in Fairfax County. I am strongly opposed. And I vote.

From: [Robert Norvell](#)
To: [Redistricting](#)
Subject: Negative effects that the new plan will have on Augusta county and surrounding Valley area.
Date: Saturday, December 18, 2021 4:49:55 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Staunton and Waynesboro are part of one unit that needs uniform representation. The current plan is not a good one for this area. I hope you can go back again to the drawing board and restore the integrity of this district.

Sent from [Mail](#) for Windows

E current plan willl

Gerald W. Hyland
6504 Boulevard View, Apt. A1
Alexandria, VA 22307

December 16, 2021

Mr. Bernard Gropfman
Mr. Sean Trende
Supreme Court of Virginia
100 N. 9th Street
Richmond, VA 23219

Re: Redistricting Comments

Dear Special Masters:

I am writing to comment on your draft proposed redistricting map in the area of Fairfax County that represented for 28-years.

First, I commend you on your efforts to redistrict the Congressional and Legislative Districts in a nonpartisan manner. The existing districts often lack a cohesive basis other than political interests and often divided our existing communities in a manner that was confusing to our residents. In general, your draft proposed maps did a much better job of keeping communities together, but I also understand how given your time constraints and unfamiliarity with communities why you might miss some of the nuances that defines how Eastern Fairfax County residents identify with their community.

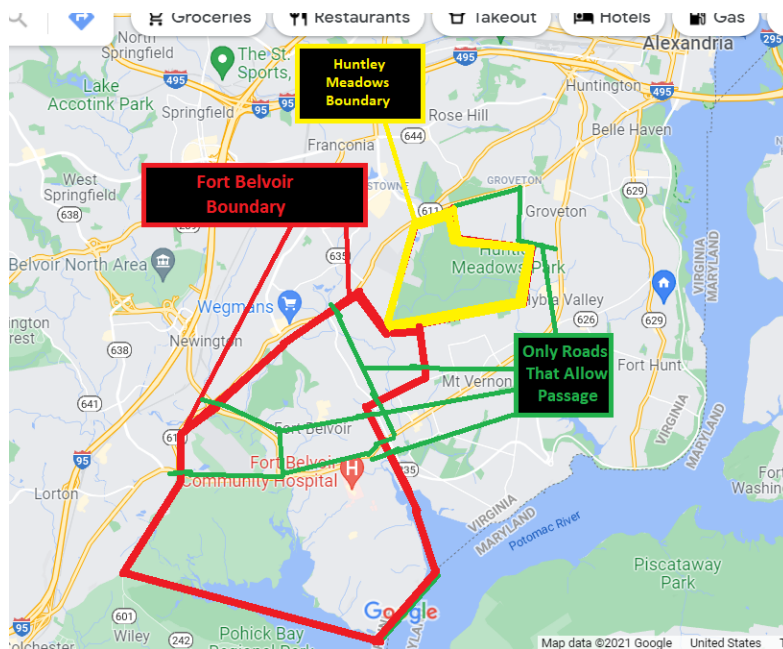
Eastern Fairfax County and Mount Vernon

The Mt. Vernon Community is the oldest part of Fairfax County and contains communities that have the oldest English settlements in Virginia. As Fairfax County grew, it settled from East to West over the following century. Our nation's first General of the Army and first President, George Washington, settled in Fairfax County at his home of Mt. Vernon and the when the General Assembly created our local form of government, the Mt. Vernon Magisterial District was formed covering all of the land effective east of I-95 and has retained that name for over 100 years. Today, the land east of I-95 is covered by two Supervisor Districts representing approximately 200,000 people – Mt. Vernon and Lee District. I was honored to serve as the Mt. Vernon District Supervisor for 28 years from 1987 until 2015.

There are several major geographical obstacles that define our community. First, the Capital Beltway or I-495/I-95 and I-95 serve as major barriers that keep our community separate from the communities North and West. The City of Alexandria to the north is a different jurisdiction, has a different form of government, has completely different zoning rules given its urban density and is a difference place. While we share an "Alexandria" post office appellation, the community of Mt. Vernon is a markedly different place and there have even been campaigns to rid ourselves of the "Alexandria" post office appellation that the U.S. Postal Service has forced upon us.

The community of Springfield lies to the West of I-95. Springfield has different post offices, different commuting patterns, and markedly different demographics. Given that it was built out much later than the areas East of I-95, it developed different demographics and residents who tend to commute more to the west to Tyson's Corner rather than North. Interstate 95 tends also to divide the high school pyramids, planning communities and is served by a different police substation. It is a different community.

Within the Mt. Vernon and Lee Communities, Fort Belvoir is a major geographic obstacle. Since 2001, local residents cannot enter the base without military identification so it is a nearly 9,000 acre. In addition, Fairfax County's largest park, Huntley Meadows is attached to Fort Belvoir on the east and is nearly 1,500 acres. The two of these geographic obstacles total over 10,000 acres and create a major East-West and North-South obstacle to travel and define separate communities within our area. The only way to cross the obstacles are four roads – U.S. 1, the Fairfax County Parkway, Jeff Todd Way, and Lockheed Boulevard/Harrison Lane. This divides Mt. Vernon and Lee into two distinct communities. Here is a map:

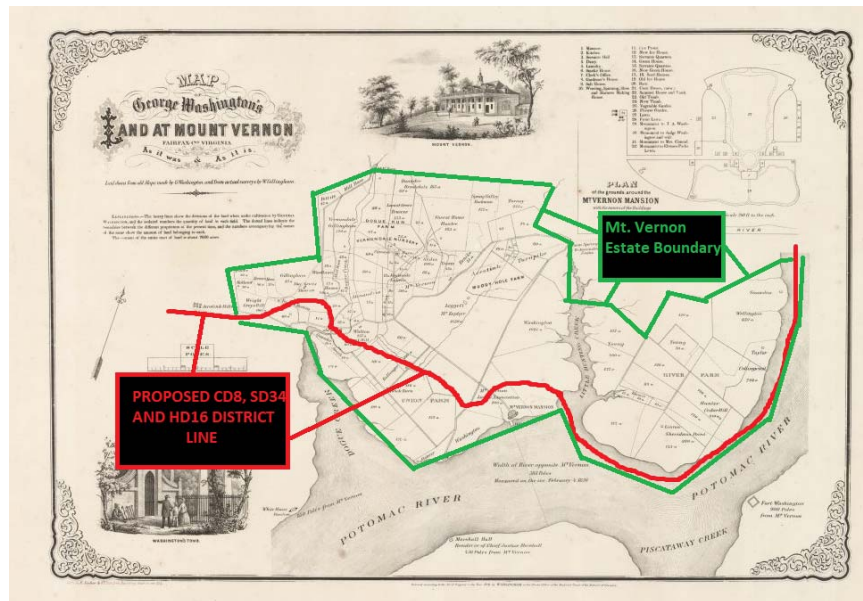


Any maps in this area need to be drawn with these obstacles in mind.

Congressional District Problems

First, while I understand your efforts are limited by population constraints, your memo seems to indicate that you simply made a judgment to split the Mt. Vernon and Lee Communities instead of the much more recently developed "Orange Line Corridor." I do not believe it is better to split an older, more diverse, and more established community than a newer one. Most Mt. Vernon residents commute North through the City of Alexandria to Washington, D.C. The Mount Vernon Community has belongs in the 8th Congressional District with Alexandria and Arlington. In fact, the first "modern" Democratic Congressman for the 8th District Congressional District was Herb Harris who was elected in 1974 and lived 50 feet from the boundary of the Mt. Vernon Estate. In addition, your present line splits Eastern Fairfax County's largest homeowner's association, Kingstowne literally right in half in Lee District.

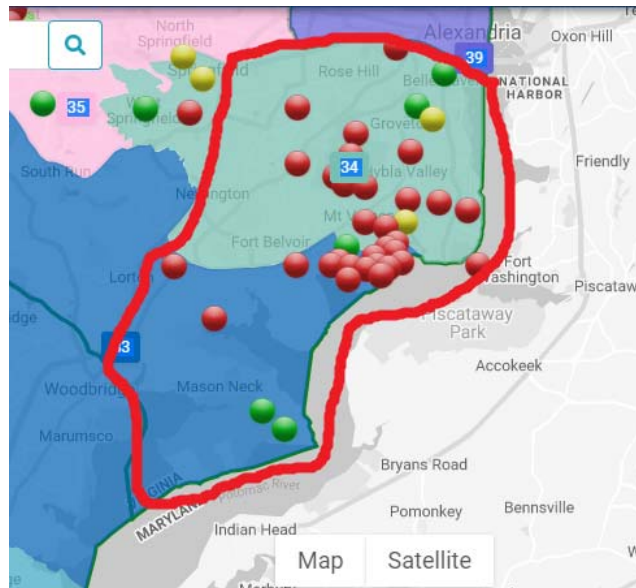
The proposed boundary for CD8 (and SD34 and HD16) also splits the historic Mt. Vernon Estate.



If there are population constraints, you should first draw the 8th Congressional District along the Potomac to the Occoquan River, capture the entire U.S. 1 Corridor and Mt. Vernon, and only then start to move to the East. This would put Mt. Vernon in the 8th Congressional District and the Lee area of Eastern Fairfax County which lies West of Fort Belvoir and Huntley Meadows Park into the 11th Congressional District.

State Senate

Next, before extreme gerrymandering came more potent in 2001, the Senate District (known today as the 36th District) representing our area basically encompassed the area between I-95, I-95/I-495 the Occoquan and the Potomac River. It looked like this using your map:



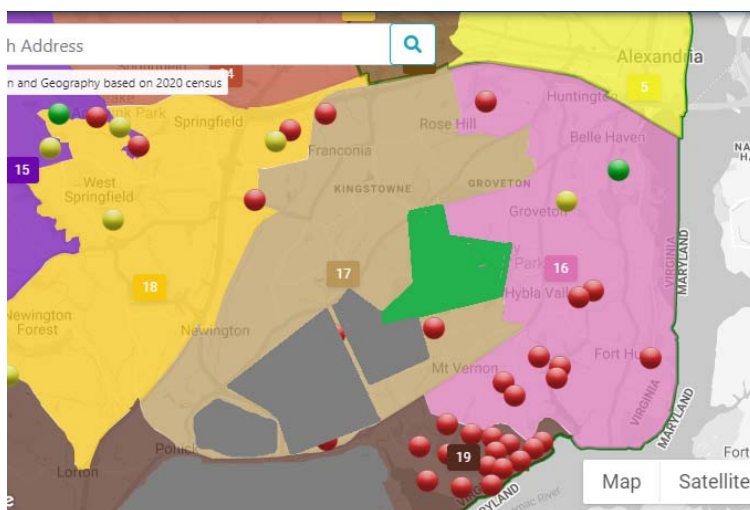
This basically captured the entire community East of I-95 and south of the City of Alexandria and consolidated Mt. Vernon and Lee Supervisor Districts into one Senate seat. This is the configuration you should aim for today.

Instead, the draft proposed map uses the poorly placed 8th Congressional District line along VA-235 which cuts off the Mount Vernon Districts namesake – Mt. Vernon – from the rest of Mt. Vernon. It cuts Fort Belvoir into two separate senate districts. It cuts the attendance area of one of Fairfax County's oldest high schools - Mt. Vernon High School - in half and leaves a part of the Hayfield Secondary School District isolated in the proposed 33rd Senate District. It is also important to remember that in suburban areas like Fairfax County, our high school pyramids often serve as centers of community organization.

It incorporates the area West of I-95 – Springfield – which has different high schools, a third supervisor district, a third police station, different commuting patterns, and people who simply do not identify with anyone in Eastern Fairfax County. This area identifies with communities who live in Greater Springfield, Burke or Laurel Hill to the South. Interstate 95 may as well be a canyon. These areas should not be drawn together, and you should draw the Mt. Vernon and Lee Communities from Alexandria to the County Line (the Occoquan River) into one district.

House of Delegates

Finally, the proposed House of Delegates map seems to disregard to the boundaries of our existing communities, local district lines, or geographic obstacles. As I mentioned above, Fort Belvoir and Huntley Meadows Park constitute a 10,000-acre obstruction in the middle of Eastern Fairfax County. The people east and west of this area in separate magisterial districts (Mt. Vernon and Lee) and attend separate school districts (West Potomac H.S. or Mt. Vernon H.S. versus Hayfield Secondary School, Edison H.S. or Justice H.S.). Here is the proposed House of Delegates map showing with Fort Belvoir (GREEN) and Huntley Meadows (GRAY) highlighted.

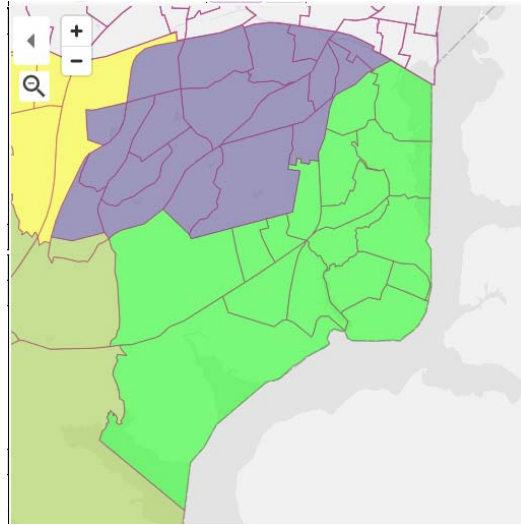


There are three changes that should be made:

- (1) The Mt. Vernon Estate (Westgate Precinct) should be consolidated with the rest of Mt. Vernon in HD16 and moved from HD19.

- (2) The proposed maps have stranded the residents of the southern part of U.S. 1 in an island of precincts in HD17 stuck between Fort Belvoir, Huntley Meadows Park and HD16. These precincts should be placed in HD16.
- (3) The precincts north and west of U.S. 1 after it intersects with North and South Kings Highway along I-495 should be placed with HD17 and the remaining voters of Lee District.

This would create one delegate seat for the Mt. Vernon Community and a separate delegate seat for the Lee Community (you call it "Franconia" in your memorandum) and much better aligns the delegate seats with the communities that actually exist and would look like this:



These changes would allow our community to be properly represented by officials who represent entire communities with similar interests and fulfill your mission of creating true communities of interest. Thank you for all of your work and for considering my comments.

Very Truly Yours,

A handwritten signature in black ink that reads "GW Hyland".

Gerald W. Hyland
Retired Mt. Vernon District Supervisor

From: [Robert Norvell](#)
To: [Redistricting](#)
Subject: Negative effect on Augusta county and surrounding Valley area
Date: Saturday, December 18, 2021 5:09:11 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Staunton and Waynesboro are an integral part of our district. I hope you can appreciate the negative effects and fix the problem of carving up the district in the way you are proposing.

Sent from [Mail](#) for Windows

From: bobnorvell@aol.com
To: [Redistricting](#)
Subject: Negative effects of new plan on Augusta County and surrounding Valley area
Date: Saturday, December 18, 2021 5:21:27 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

I hope this part of the plan can be revisited and adjustments made to restore the integrity of the Staunton Waynesboro Augusta county unit. The negative effects far outweigh the benefits.

From: [Nancy Nixon](#)
To: [Redistricting](#)
Subject: Redistricting concerns as to why I feel these points should be considered.
Date: Saturday, December 18, 2021 5:26:40 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

- The district is shaped like a “crooked J” that is not functionally contiguous. Due to the Great Dismal Swamp, constituents would have to drive through a majority of the 3rd district to get from one end of the 2nd to the other.
- By putting Suffolk/Isle of Wight back in the 3rd, you get a more compact district in the 2nd and don’t disrupt the compactness of the 3rd.
- It takes longer to drive from Southampton County to the Virginia Beach District Office than it does to a District Office in Newport News.
- The special masters intended to adhere to functional congruity however they focused more in minimizing county splits. There should be a balance that doesn’t disenfranchise voters in the Hamptons Roads districts.
Sincerely Nancy Nixon 2116 Cocoa Circle VA BCH VA 23454

From: [Sharon Baumgarten](#)
To: [Redistricting](#)
Subject: Redistricting Maps
Date: Saturday, December 18, 2021 5:37:10 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

There should be no redistricting of the Roanoke Valley and New River Valley!
Sharon Baumgarten

Sent from my iPad

From: jvp444@yahoo.com
To: [Redistricting](#)
Subject: Reappointment
Date: Saturday, December 18, 2021 5:59:00 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

I believe all of Loudoun County should be associated with northern Virginia — NOT the Charlottesville area.
Thank you for considering my opinion.

Sent from my iPhone

Comments for Public Hearing on 2021 Proposed Redistricting

My name is Mary Kranz and I live in Louisa County.

Thank you for this opportunity to speak on the proposed redistricting maps. It's been an understandably difficult process and the outcome overall looks fair to me. I have lived in Louisa County for 50 years and so my concern is with Louisa County, both the Congressional and State maps.

I'll start with the Congressional map. –District 1

Louisa is kept whole and I am pleased with that. However, it is placed on the extreme western edge of the newly drawn District 1. This district extends eastward to the Chesapeake Bay. The map places us with other 'rural' counties. Yes, these are 'rural' counties, but Louisa County is very different from these other rural counties. Louisa is squeezed between three urban centers, Fredericksburg, Charlottesville and Richmond. Our concerns are different. We are faced with uncontrolled development. We have very different kinds of hopes of attracting good jobs. We are in the Piedmont, they are tidewater. Even our agriculture is different. When I drive through these counties, I see vast fields of cotton and peanuts. Forestry is primary in Louisa.

People who live in Louisa have connections with Henrico, Chesterfield, and Albemarle. That's often where our children have chosen to live. That's where our jobs are. That's where we shop and eat. We have little common interest or personal connection with New Kent or Charles City county.

I ask you to take another look to see if Louisa might be placed more within its community of interest.

Now I would like to talk about the state maps.

District 59 for the House of Delegates and District 10 for the Senate. Both state maps divide Louisa County.

As a 50 year resident of Louisa County, my community of interest is aligned with the boundary of Louisa County. Our County government works with our state government. It is as a County that we deal with the development along I64 that extends from Zion Crossroads to Shannon Hill.

The HOD map -59, places us with another 'rural' county, Hanover, with which we do not actually have common interests, in spite of both being rural. Louisa's interests are tied with Fluvanna and Goochland by our common border with I64. It is with Fluvanna and Goochland that we work with our state agencies, most recently in working with the Monacan Tribe on the proposed line to obtain water from the James River.

In closing, I ask you to take another look to see whether there is a way that Louisa can be kept whole on these two state maps, and whether the HOD map can better group our county with those with similar regional concerns.

From: [Elizabeth Garrison](#)
To: [Redistricting](#)
Subject: Redistricting Maps
Date: Saturday, December 18, 2021 7:06:30 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

I am a Virginia voter and I am opposed to Gerrymandering

--

Elizabeth Garrison, BS, CCA

From: [Pat Hughes](#)
To: [Redistricting](#)
Subject: Redistricting Maps
Date: Saturday, December 18, 2021 7:09:13 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Dear all,

I write today concerning the Supreme Court's initial drafts for redistricting. I am concerned that once again, politics is pushing a gerrymandered outcome, especially regarding the Roanoke and New River Valleys, I strongly believe that the districts should be compact.

The map makers are clearly listening to comments and I urge you to make your voice heard. I shared some [comments with WFIR](#) this week and plan to provide extended comments to the map makers. I hope you will also share your thoughts with the Supreme Court on the [website](#) or by [email](#).

Please do not hesitate to contact me for further comment and clarification of my concerns.

With warmest regards,
Pat Hughes

From: [Bob Smith](#)
To: [Redistricting](#)
Subject: Redistricting Maps
Date: Saturday, December 18, 2021 7:14:54 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Good evening:

As a long-time resident of the New River Valley, I feel compelled to express my unmitigated displeasure with the way the so-called "non-partisan" group of amateur cartographers has decided to redraw the voting districts here in Southwest Virginia for our House of Delegates. I can only imagine the contortions they had to endure to end up with the convoluted demarcations they created in order to find every single way possible to divide the voters in this part of the Commonwealth.

Frankly, it looks to me like they had no idea what the meaning of the term "compact" means on terms of determining district boundaries! The monstrosity submitted by this group looks more like a work by Jackson Pollock than a map, and I can only say that it would require far less expertise to devise a better and less partisan layout. Perhaps a group of first-graders could be given the opportunity of creating an alternative re-districting proposal.

Got crayons?

Bob Smith
Indian Valley, Virginia

[Sent from Yahoo Mail on Android](#)

From: [Jana Ruble](#)
To: [Redistricting](#)
Subject: plans
Date: Saturday, December 18, 2021 7:19:39 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

"I'm concerned that the redistricting plans for the Montgomery County area fail to support communities of interest. Having lived near major universities my whole life, I realize that I have a particular interest in higher education and the powerful sense of community these institutions encourage. To separate Blacksburg, Christiansburg, and Radford will undermine the special contributions our communities have made to the state through the years. Please re-unite us!"

Jana Ruble
Blacksburg VA

From: [Charlesmhess](#)
To: [Redistricting](#)
Subject: Map
Date: Friday, December 17, 2021 7:10:32 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Ok, this does not pass the idiot test. I live in eastern Spotsylvania County and have no connection or like interest with Loudon County which is more than 50 miles north. It's ludicrous to think we or they would be adequately represented. This needs to go back to the drawing board and be resubmitted.

Charles Hess
9702 Hope Court
Fredericksburg, VA 22407
charlesmhess@aol.com

[Sent from the all new AOL app for Android](#)

From: [Storck, Dan](#)
To: [Redistricting](#)
Cc: [Morin, Christine A](#); [Speer, Camela](#)
Subject: 2021 Special Masters Redistricting Proposal
Date: Saturday, December 18, 2021 7:45:28 PM
Attachments: [image005.png](#)
[image006.png](#)

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Dear Special Masters:

I am writing to comment on your draft proposed redistricting maps for the Mount Vernon and Lorton areas of Fairfax County that I currently represent on the Fairfax County Board of Supervisors. Thank you for your efforts to redistrict the Congressional and Legislative Districts in a nonpartisan manner. While “Mount Vernon” is unmentioned in your narrative and Lorton not truly addressed, Mount Vernon and Lorton are long-standing “communities of interest” sharing print media, public transport infrastructure, and institutions such as schools and churches and voters.

While generally your proposed maps did a better job of keeping the Mount Vernon and Lorton communities together, there are several aspects of the proposed maps that are essential to change to adequately keep together these southeastern Fairfax County communities of Mount Vernon and Lorton. On behalf of our communities, I urge you to make these changes:

1. The Mt. Vernon Estate (Westgate Precinct) should be consolidated with the rest of Mt. Vernon in House District 16 and moved from House District 19.
2. The proposed maps have isolated the residents of the southern part Fairfax County along U.S. 1 in an island of precincts in House District 17 stuck between Fort Belvoir, Huntley Meadows Park and House District 16. These precincts should be placed in House District 16.
3. The precincts north and west of U.S. 1 after it intersects with North and South Kings Highway near I-495 should be placed with House District 17 and the remaining voters of Fairfax County’s Lee District.

Your existing proposals both basically split the Mount Vernon High School Pyramid and Mount Vernon Supervisor District in half. With the limited changes recommended above, you can dramatically improve upon your maps while providing more diverse inclusion, population balance and intact communities of interest.

We urge you to take the above into consideration and respect the long-standing connections and ethnic diversity while understanding the military base (Fort Belvoir) and large natural park area (Huntley Meadows) geographical impact on keeping our communities separate from others and true communities of interest. Thank you.

Respectfully yours in public service,

Dan Storck

Supervisor
Mount Vernon District
2511 Parkers Lane
Alexandria, VA 22306
Main: 703-780-7518
www.fairfaxcounty.gov/MountVernon

Introducing Potomac Banks – Explore Fairfax South!



For the latest updates on Coronavirus (COVID-19), visit the [County's webpage](#) and [subscribe to our newsletter](#).



Please be advised, unless otherwise requested, that your email address will be added to our Mount Vernon District Advisor (newsletter) distribution list. Additionally, correspondence with Supervisors is subject to the Virginia Freedom of Information Act (FOIA). This means that your correspondence may be made public if someone requests it. Only a few matters are exempt from disclosure, including personnel information about individual employees.

From: [Susan Healy](#)
To: [Redistricting](#)
Subject: Redistricting Maps
Date: Saturday, December 18, 2021 8:03:56 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

To the Supreme Court:

Congressional districts should be compact, and not shifted around by gerrymandering, in order to favor particular political candidates. This is just one more example of political corruption. How about being honest, for a change, and give the voters fair representation?

Susan Healy
Henrico.

From: [Jo Leary](#)
To: [Redistricting](#)
Subject: Redistricting Maps
Date: Saturday, December 18, 2021 8:14:22 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Please do not include Vinton in District 4 because the interests of that community are closely linked to Roanoke City and Roanoke County, which are in District 3. Vinton has no community connection with Lexington or Staunton on the other end of District 4.

Joanne Leary
Roanoke, VA

From: [Mike Bowie](#)
To: [Redistricting](#)
Subject: Redistricting Maps
Date: Saturday, December 18, 2021 8:26:03 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Please know that I and most of the Roanoke Valley do not approve of the redistricting changes being considered for our area.

Thank you for your consideration.

Michael Bowie
4052 Southmont Dr SW
Roanoke VA 24014

From: [Roland Winston](#)
To: [Redistricting](#)
Subject: Redistricting Map
Date: Saturday, December 18, 2021 8:28:08 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Ms. Muriel-Theresa Pitney Clerk of Court Supreme Court of Virginia 100 N. 9th St, 5th Floor Richmond, VA 23219 Dear Ms. Pitney:
By employing strict adherence to modest, traditional redistricting principles, this Court should reject the Special Masters' congressional map—and any aggressive gerrymander.

The Court should utilize the Farkas map.

Thank you,

S R Winston
4th Congressional District
1370 Darbytown Rd,
Richmond, VA 23231

From: [Bud Derey](#)
To: [Redistricting](#)
Subject: Redistricting Maps
Date: Saturday, December 18, 2021 8:34:34 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Please do not change the vetoing maps !

They are fine as they are

C W Derey

Roanoke Va

Sent from my iPhone

From: [usgss1ffd](#)
To: [Redistricting](#)
Subject: Redistricting Maps
Date: Saturday, December 18, 2021 9:06:39 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

All Congressional Districts should be balanced between parties. The only swing population should be independents based on prior election voting history.

From: [A K](#)
To: [Redistricting](#)
Subject: Redistricting Maps
Date: Saturday, December 18, 2021 9:41:55 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

I oppose the redistricting it isn't keeping Vinton in the Roanoke area and would associate them with the New River Valley. This isn't right and I urge you to stop your push to "fix" something that isn't broken.

Thank you

From: [Pat Bernier](#)
To: [Redistricting](#)
Subject: VA 2nd district
Date: Saturday, December 18, 2021 9:47:10 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

To whom it may concern:

I am very concerned about proposed changes to the District 2 Map. I feel very strongly that Norfolk and Virginia Beach should be represented by the same representative. Their interests are very co-mingled.

So many residents of these cities are Military - either active duty or retirees. It is important to these military constituents interest's that their representation not be diluted. They should be in the same district.

Their shared coastal location and environmental concerns also demands shared representation.

Please respect the unique needs of the Norfolk / Va Beach area in regards to the effectiveness of their congressional representation.

Do not split up District 2.

Pat Bernier
VA Beach

--

Pat Bernier

From: [Diane Flood](#)
To: [Redistricting](#)
Subject: Redistricting
Date: Sunday, December 19, 2021 1:40:36 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

This new 7th district ignores the long standing relationships that Stafford holds with the counties surrounding it in the Rappahannock region. Further harm comes from these maps because the new state senate district and new house of delegates districts are designed to nest in to the new congressional districts

. Stafford county should not be attached to northern Virginia simply because I 95 runs through it. Stafford is more than a couple of exits off the high way , and these maps need to reflect that. We must weigh in with the Virginia Supreme Court.

Mike Flood

From: [David Wynne](#)
To: [Redistricting](#)
Subject: redistricting
Date: Sunday, December 19, 2021 6:15:42 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Honorable Court,

I urge you to ignore, best you can, partisan calls. I know it's hard when incumbents are lumped, especially if they are one party and even one gender.

I hope you will ignore past voting.

As best you can, I hope you will design compact districts by population only, that follow historic or natural borders and to the extent possible avoid splitting municipalities. I understand you are required to pay some attention to race.

After that, let the chips fall where they may.

Not an easy task, but they gave it to the right people. .

Thank you for your service.

blessings in season

Dave Wynne

Va Beach

From: [Susan Clarke](#)
To: [Redistricting](#)
Subject: Redistricting in virginia
Date: Sunday, December 19, 2021 7:18:27 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

I have been following redistricting for over 50 years. It seems that it became very controversial when we decided to base the maps on race. There was less representation of African Americans 50 years ago but that is no longer the case. I would imagine that most Americans now want a representative who represents their interests and don't care about the color of his/her skin. It's time to get back to basing the maps on communities.

Thanks for taking on this difficult task.

Susan Clarke

Sent from my iPad

From: [Gale Lee](#)
To: [Redistricting](#)
Cc: [gale Lee](#)
Subject: Redistricting - Written Public Comment
Date: Sunday, December 19, 2021 7:29:15 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Dear Sir and Madame:

Thank you for providing this redistricting response opportunity, to the residents of VA.

I understand the request given to Special Masters Sean P. Trende and Bernard N. Grofman. But, when the map was recreated and the districts compacted, it causes two of our minority senators to compete against each other. Those Senators are Lionell Spruill, Sr. and Louise Lucas.

If this map were accepted it would diminish minority (Black) representation in the Senate and localities by race and gender. Black representation in the Senate presently, four Black Senators. The compacting of this map would reduce representation to three Black Senators and the gender representation might reduced our female representation to two females and even more importantly, possibly eliminate our **only** Black male Senator – Lionell Spruill, Sr.).

My request is to allow Senator Lionell Spruill, Sr. and Senator Louise Lucas, to retain districts that allow diversity and gender to be represented. This would allow these two Senators, to vie for their seats against **other** competitors instead of each other.

Respectfully submitted,

Gale A. Lee, Chesapeake, VA resident

From: [Maureen Rooks](#)
To: [Redistricting](#)
Subject: Redistricting Maps
Date: Sunday, December 19, 2021 7:48:44 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Stop the redistricting!! This is clearly being pushed by the Democratic Party to assist in their agenda. STOP IT!!!!

Maureen Rooks
Real Estate Manager, Midwest
Dollar Tree, Inc.
(757) 321-5673 (Direct)
(757) 567-5958 (Cell)

Sent from my iPhone

From: [Best Body & Beauty Co](#)
To: [Redistricting](#)
Subject: Redistricting Maps-for New River Valley and Roanoke
Date: Sunday, December 19, 2021 7:52:32 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Do not redistrict our voting districts for Virginia.

Keep these compact !

Concentrate on our upholding our rights as citizens of this fine state to encourage small business as well as big corporations to come back to thrive here.

Pam Best

Best Body Co

From: chapperw@cox.net
To: [Redistricting](#)
Subject: New redistricting plan
Date: Sunday, December 19, 2021 8:17:33 AM

EXTERNAL EMAIL

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Virginians across the state voted in favor of redistricting reform in the belief that doing so would prevent incumbents from ensuring reelection by drawing their own districts. One of the very best things about the plan put forward by the court appointed experts is that it was done with no regard for impact on current office holders. In that sense, it is absolutely consistent with the will of the voters.

I also like that to the extent possible, district lines conform with those of existing political jurisdictions – cities, towns and counties – that will allow elected representatives to better represent the interests of those communities. No longer does the map feature a district that stretches from the Potomac and the Washington suburbs to the tobacco fields along the North Carolina border.

It is also my understanding that the plan increases the number of districts with majority minority populations when all minorities are considered.

It should be approved without additional change.

Ronnie Chappell
101 Elizabeth Meriwether
Williamsburg VA 23185

From: [dancer0504](#)
To: [Redistricting](#)
Subject: Redistricting
Date: Sunday, December 19, 2021 8:18:43 AM

EXTERNAL EMAIL

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I vehemently disagree with the Battlefield District of Spotsylvania county being included with the more rural district 25. Our issues would not be served at all. The Battlefield District is a suburb of FREDERICKSBURG District 27, and share similar interests, issues, growth patterns. Please change this map.

Kori Joseph

Sent from my iPhone

From: [Cynthia Hill](#)
To: [Redistricting](#)
Subject: Redistricting
Date: Sunday, December 19, 2021 8:21:37 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Please add Williamsburg back into the 69th and remove the portion of Gloucester.

Cynthia Hill
Resident of Williamsburg, VA

From: [Mike Nickelsburg](#)
To: [Redistricting](#)
Subject: District 2
Date: Sunday, December 19, 2021 9:50:47 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

I respectfully request you take another look at the way District 2 was split in the proposed redistricting plan. The military, its supporting contractors, and military retirees are a vital part of the economy of this area and the Commonwealth. Splitting Norfolk apart from Virginia Beach will dilute the impact of our representative in Congress.

Thank you for your consideration.

Michael Nickelsburg, Capt. USN, retired
Virginia Beach, VA

Sent from my iPad

From: [Linda Piersawl](#)
To: [Redistricting](#)
Subject: Redistributing
Date: Sunday, December 19, 2021 9:54:46 AM

EXTERNAL EMAIL

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The Special Masters should adjust their initial district lines to more closely represent the Black communities of interest in each region as reflected in the Virginia NAACP-proposed maps.

Thanks,
Linda Piersawl

From: [mike strother](#)
To: [Redistricting](#)
Date: Sunday, December 19, 2021 9:55:41 AM

EXTERNAL EMAIL

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Hi My name is Mike Strother. I urge the proposed map be redrawn. District 7 is fine the way it is. This makes no sense to serve farther north. I urge u to let us stay together.

Mayor

Phil Miskovic

Town Manager

Brian S. Thrower

Police Chief

Alfredo Ferrer

Town Attorney

Eric A. Gregory



Council

William "Billy" Abel

Wendy Bowen

Sean Davis

Jessica Faas

Aaron Reed

Anne Stinson

Susan "Sue" Yeatts

125 East Carolina Ave. Crewe, VA 23930 (434) 645-9453 Office (434) 645-1240 Fax

E-mail: info@townofcrewe.com

Website: townofcrewe.com

December 17, 2021

To the Honorable Chief Justice and Justices of the Supreme Court of Virginia:

I am writing to express concerns that Crewe Town Council and I have over the proposed House of Delegates redistricting map submitted to the Court by the Special Masters. The proposal would move Nottoway County from the current 61st district composed of Amelia, Cumberland, Mecklenburg, Nottoway, and part of Lunenburg Counties into the new 72nd district composed of Amelia, Nottoway, Powhatan, and part of Chesterfield Counties.

Our concerns are:

1. The proposed change does not adequately address the Communities of Interest requirement with regard to Nottoway County, specifically as it relates to economic and demographic factors; and
2. The proposed change could adversely impact any influence Nottoway County voters have in state house races and divide our representative's attention to the detriment of Nottoway.

To the first point, though Nottoway, Powhatan, and Amelia Counties are all considered "rural", Nottoway differs from the latter two economically and demographically. Nottoway (along with Cumberland, Mecklenburg, and Lunenburg) are considered "non-metro" counties by the USDA, a designation which takes into consideration the economic influence of major population centers¹. Counties within a major metropolitan area like Amelia, Powhatan, and Chesterfield face different needs and challenges, and have different levels of access to resources than those in non-metro areas.

Additionally, data show a significant disparity in income when comparing Nottoway County residents to our current 61st district and Nottoway County to the proposed 72nd district. Using Median Household Income (MHI) as a metric, Table 1 illustrates these disparities by comparing Nottoway County's data to that in each of the counties in the proposed and current districts. Given Nottoway County's MHI of \$45,900, Chesterfield County's MHI is nearly 78% over that of Nottoway, and Powhatan's is more than double at \$94,300.²

¹ <https://www.ers.usda.gov/data-products/rural-urban-continuum-codes.aspx>

² <https://www.countyhealthrankings.org/app/virginia/2021/measure/factors/63/data>

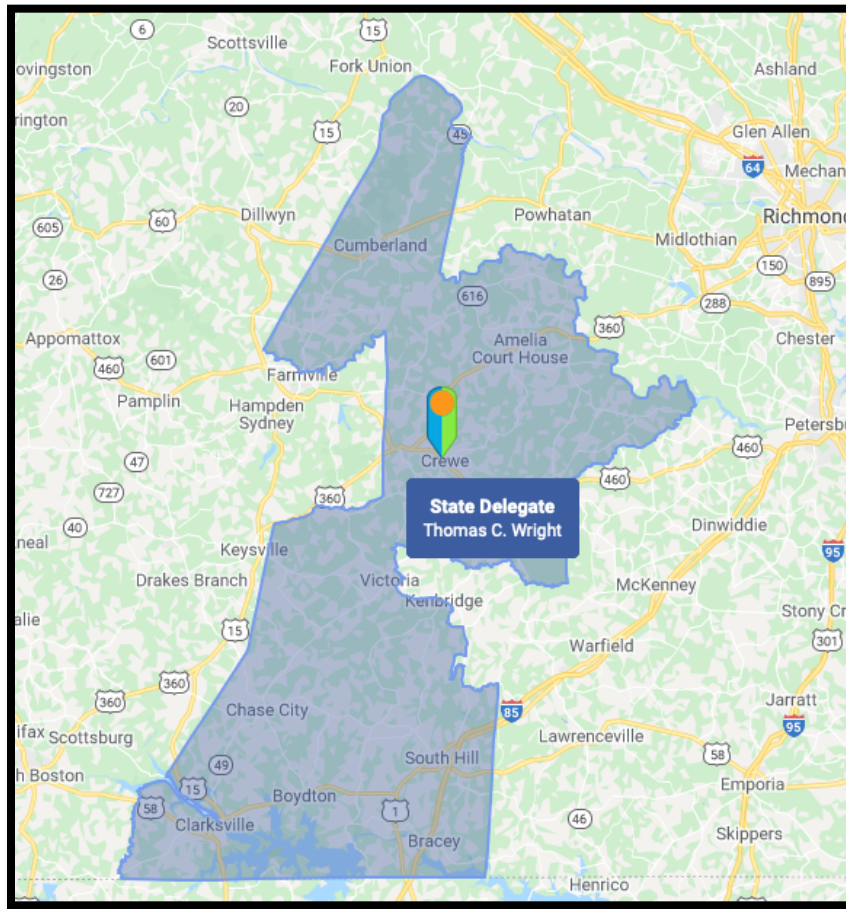


Figure 1: Current 61st district

Source: <https://whosmy.virginiageneralassembly.gov/index.php/legislator?search=23930#>

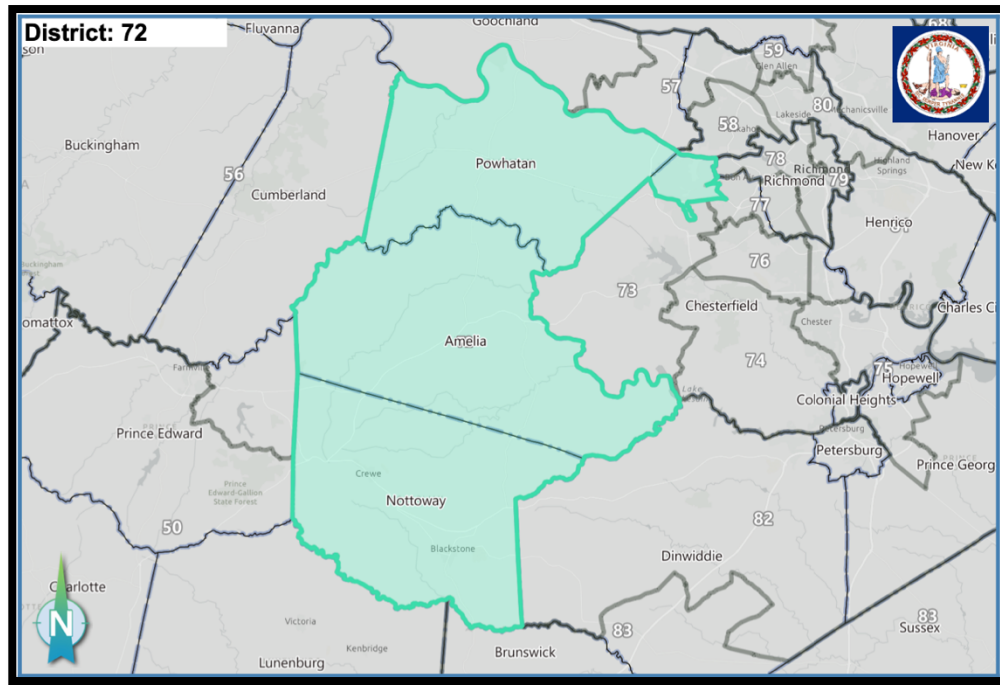


Figure 2: Proposed new 72nd district

Source: https://www.vacourts.gov/courts/scv/districting/scv_draft_1_hod_maps.pdf

Table 1: Median Household Income

Nottoway	\$45,900		
Proposed 72 nd District			
County	Median Household Income	Difference	%
Amelia	\$60,100	\$14,200	+30.9%
Powhatan	\$94,300	\$48,400	+105.4%
Chesterfield	\$81,600	\$35,700	+77.8%
Current 61 st District			
County	Median Household Income	Difference	%
Amelia	\$60,100	\$14,200	+30.9%
Cumberland	\$52,000	\$6,100	+13.3%
Lunenburg	\$44,900	-\$1,000	-2.2%
Mecklenburg	\$43,100	-\$2,800	-6.1%

Economic factors are not our only concern regarding Communities of Interest. According to the memo from the Special Masters, the White, Black, and Hispanic racial makeup of the proposed new 72nd district is as follows: Non-Hispanic White, 77.78%; Black, 18.21%; Hispanic, 1.77%. Table 2 shows an estimated racial makeup of our current 61st district and Nottoway County based on 2019 and 2020 data. Nottoway County has a diverse, heterogenous population. To move Nottoway into a district where nearly four-fifths of the population are white could disenfranchise the minority voting population.

Table 2: Racial Makeup of Districts and Nottoway

	Proposed 72nd District	Current 61st District	Nottoway County
Non-Hispanic White	77.78%	62%	55%
Black	18.21%	32%	37%
Hispanic	1.77%	3.6%	4.9%

Finally, we believe the proposed change could adversely impact any influence Nottoway County voters have in state house races and divide our representative's attention to the detriment of Nottoway. As a non-metro area, Nottoway County faces different challenges than others in the proposed new 72nd district. We need significant attention within the General Assembly in order to address our complex challenges. But given the estimated population of the new proposed 72nd district at 88,033 and Nottoway County's population at under 15,000, Nottoway would account for less than 17% of the 72nd district's population. This, along with the income and racial disparities, creates a district divided by community interests and needs, with Nottoway County in the extreme minority. Our political influence would be lessened, and it is likely our challenges—those of the minority—are set aside in order to address the needs of the majority of the district.

In conclusion, we strongly encourage the Court to reconsider the proposed House of Delegates map and take into consideration additional factors related to Communities of Interest, including economics and demographics; and to consider the impact the proposed change will have on each locality.

Thank you for your service to the people of the Commonwealth of Virginia.

Sincerely,



Phil Miskovic
Mayor

From: [Melissa M Dart](#)
To: [Redistricting](#)
Subject: Proposed Map Feedback
Date: Sunday, December 19, 2021 10:56:51 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Chief Justice and Justices,

My name is Melissa Dart and I've lived in Henrico County for 25 years in the 7th CD for 15. I understand that new maps are a necessity coming out of the Census. I do not understand how or why a conservative, serious and august body such as the Virginia Supreme Court would even consider maps such as these that effectively blow up the 7th Congressional District as it currently exists. By so doing you would be separating Henrico and Chesterfield, two massive suburban communities of interest. In some cases you would completely minimize if not destroy voices of people of color as well as centrist and independent voters. Black voters from the 7th are being packed into the 4th CD which effectively dilutes their representation. It reeks of redlining. I appreciate the work and experience of the Special Masters. That said, they are not from Virginia so cannot understand that the James River makes no sense as a district dividing line. With the transportation infrastructure (288/Chippenham pkwy) Henrico and Chesterfield are effectively one community sharing economic, social and cultural ties. We work hard together as one region. Lumping me in Short Pump with Zions Crossing/Williamsburg and the Northern Neck is illogical in terms of demography and geography. That said at the end of the day this is not about me or my family. No matter who represents us in local/state/federal government we are in a great position of privilege. I'm here today to give voice to the rural voters, people of color. They do not have the time or resources to learn about these proposed maps. Those are constituents in the 7th who are currently actively represented; their needs being met. They have the most to lose in these new districts. We cannot rest until they are taken care of.

Based on the masters' memorandum, the 7th appears to have been

drawn last. The way it was drawn and quartered, it looks like an afterthought where pieces were just thrown anywhere there was a spot. This strategy disenfranchises an enormous voting block. Is there another current district on these maps that is obliterated the way the 7th is? There couldn't be less of a connection between Richmond and Tidewater. No matter how it might appear on a map it makes no other practical sense if you are in any way familiar with either area.

I would be remiss if I didn't mention that of the 11 congressional districts in the Commonwealth, 3 seats are currently held by women. These proposed maps just so happen to weaken the 3 incumbent women and bolster the 8 men. Gender was not considered explicitly. That said I'm not a believer in coincidences and I cannot help but think as far as we've come in almost 2022, misogyny is still baked in the cake. There must be a way to draw fair maps that does not dilute the women or the voters of central Virginia.

The maps under consideration are not only inviting local scrutiny and criticism but are attracting national attention from voter rights advocates. Virginia has been a bastion of fairness and good representation for a long time. None of us want this type of attention. The good news about this attention is that the Elias Group took notice and created what are now known as the "Farkas maps". I would encourage you to seriously considering adopting these maps as they check all of the boxes on the list of criteria for fair, non-partisan maps.

Thank you, Chief Justice & Justices, for your time and consideration. I pray that the voices you hear this week are listened to and make a difference.

Regards,
Melissa M Dart

From: [Sara Johnson-Ward](#)
To: [Redistricting](#)
Subject: Fwd: Testimony from 12/17
Date: Sunday, December 19, 2021 11:19:47 AM

EXTERNAL EMAIL

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To whom it may concern,

Below is the written testimony that I gave today before the Court. Thank you again for the opportunity to share my concerns with the current maps.

Good afternoon Chief Justice, Justices, Special Masters and Clerk of the Court,

My name is Sara Johnson-Ward and I live in the Roseland Precinct 517 in Chesterfield County. I am a lifelong Virginian.

Continuity of government is important for a stable, functioning society, but lifelong incumbency is not necessary to achieve this. Imagine my surprise to find that I, in the Richmond Metro area, have been redistricted into the 5th that borders the county where I grew up and is three hours from here! I am sure the Special Masters have noted that the Piedmont region is the largest region in Virginia and is very diverse. The new 5th includes Amherst – an agricultural community; South Boston known for growing tobacco; Charlottesville home of one of Virginia’s founding fathers and recently renowned for the Unite the Right Rally; and Pittsylvania County where the show “Tickle” is filmed for the Discovery Channel. In my Midlothian neighborhood, my neighbors are employed by Capitol One, MCV, CarMax, Dominion, DuPont, the State of Virginia, Chesterfield County, and various local non-profit cultural organizations. None of them grow tobacco, make moonshine, or farm. Pittsylvania County has more in common with Franklin County than the suburbs of Richmond and Mr. Tickle deserves fair representation too.

Princeton has rated the partisan fairness of the Congressional Maps A, Senate Maps B, and House maps A. They have rated the Competitiveness of the Congressional maps C, Senate Maps F, and House maps B. Finally, they have rated the Geographic features C for all maps. I and other members of Precinct 504 in Chesterfield concur with these ratings for our new districts. They will be submitting comments in writing. The districts are not competitive or compact. For example, House district 72 now has an odd finger that dips below Midlothian Turnpike and divides the neighborhood Walton Park in half. This was the exact issue that I had hoped would be fixed moving forward so that voters voices matter to those seeking office. None of the districts that I am now assigned to will be competitive, not Congressional District

5, Senate District 12 or House District 73. They are all 10-point districts. It is my belief that Virginians want fair, competitive seats where representatives must listen to their constituents no matter which party affiliation they share.

Additionally, I am concerned that 50 percent of the General Assembly will turnover in 2 years. Businesses reorganize often, but a business ridding itself of 50% of its staff in 2 years is rare. Although I am not a fan of multi decade incumbency, I am worried that this much change at once will cost institutional memory and create instability. Finally, the minority population in Virginia grew over the last 10 years but this map reduces the number of minority held seats.

I have spent time reviewing the Farkas Map. Care and time were taken with it to solve many of these issues and comply with the law. I ask this court to consider the Farkas Map as an alternate solution because the map is fair, competitive, geographically compact, and preserves minority and female leadership.

Good luck in this endeavor and thank you for the opportunity to speak with you today.

Sincerely,
Sara Johnson-Ward

From: [Frank & Debbie Ray](#)
To: [Redistricting](#)
Subject: Redistricting Maps
Date: Sunday, December 19, 2021 11:37:25 AM

EXTERNAL EMAIL

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Please keep communities of interest together. Vinton should not be in the same district as Staunton.

Southwest Virginia is not even represented on this commission. We are very disappointed in this process.

Frank Ray and Deborah Ray

From: [Theodore Kramer](#)
To: [Redistricting](#)
Subject: Special Masters Plan
Date: Sunday, December 19, 2021 12:06:25 PM

EXTERNAL EMAIL

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Dear Virginia Supreme Court:

I believe the Special Masters did great representing communities of interest in Arlington while keeping our representation compact. Keeping communities of interest together such as the R-B Corridor, Halls Hill, and Green Valley will keep our diverse community strong and represented. In addition, including Falls Church City along with Arlington also makes sense given we already share our judicial functions and several constitutional officers. Both the House and Senate maps accomplish this goal.

In conclusion, I urge the Supreme Court to adopt without change the proposed House and Senate maps that respect the unique and individual communities of interest in Arlington and Falls Church.

Respectfully,
Theodore Kramer
Arlington

From: pdfishback@comcast.net
To: [Redistricting](#)
Subject: Changes
Date: Sunday, December 19, 2021 12:08:00 PM

EXTERNAL EMAIL

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Please keep Abigail Spanberger's district as it is.

Patricia D. Fishback, Ph.D.

From: [Jackie Kramer](#)
To: [Redistricting](#)
Subject: Special Masters Plan
Date: Sunday, December 19, 2021 12:09:40 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Dear Virginia Supreme Court:

I believe the Special Masters did great representing communities of interest in Arlington while keeping our representation compact. Keeping communities of interest together such as the R-B Corridor, Halls Hill, and Green Valley will keep our diverse community strong and represented. In addition, including Falls Church City along with Arlington also makes sense given we already share our judicial functions and several constitutional officers. Both the House and Senate maps accomplish this goal.

In conclusion, I urge the Supreme Court to adopt without change the proposed House and Senate maps that respect the unique and individual communities of interest in Arlington and Falls Church.

Respectfully,
Jackie Kramer
Arlington

From: [Elizabeth Davis](#)
To: [Redistricting](#)
Subject: Williamsburg VA
Date: Sunday, December 19, 2021 12:13:07 PM

EXTERNAL EMAIL

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Dear map masters,

Please put Williamsburg back in the 69th district where it belongs. And remove Gloucester from the 69th district. Gloucester is on the Middle Peninsula and belongs to that county. Williamsburg shares a multitude of services and schools with James City County and should remain together. Also, Williamsburg is part of the historic triangle and is connected to the Hampton Roads communities.

The map seems very partisan and it is sad that Virginia can't be above that and care about everyones vote.

Elizabeth Davis

From: [Lois Willis](#)
To: [Redistricting](#)
Subject: Redistricting Maps
Date: Sunday, December 19, 2021 12:27:07 PM

EXTERNAL EMAIL

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I live in Nellysford and see that the new map has our area included into Albemarle County and Charlottesville. We have not much in common on any level with that population. Our voices will NOT be heard in this new map area!!!
Please put us with the rural folks.
Lois P Willid

From: [Ken Shandelson](#)
To: [Redistricting](#)
Subject: Odd drawing for District 2
Date: Sunday, December 19, 2021 12:32:10 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Hi,

What an odd shape you drew for D2. Every other district in the state seems to coalesce around one area while D2 just goes on and on. It appears you drew all the others and what was left went to D2. It also appears that you targeted Elaine Luria for defeat.

Please reconsider.

Ken Shandelson
2008 Starboard Ct, Virginia Beach, VA 23454

From: [Mary Player](#)
To: [Redistricting](#)
Subject: Redistricting
Date: Sunday, December 19, 2021 12:57:32 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

We need better way to represent the minority population. Diluting black vote will not accomplish this so keep this in mind when you are drawing the lines.

Sent from my iPhone

From: [Owings, William A.](#)
To: [Redistricting](#)
Subject: Redistricting
Date: Sunday, December 19, 2021 1:04:27 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Dear Folks,

Thank you for the opportunity to comment on our reactions to the redistricting plan to date. In my opinion, redistricting should include the following components:

1. It should protect geographic cohesion. Communities should be kept together as much as possible.
2. This geographic cohesion should be balanced with some incumbent protection – especially to ensure minority representation. Elaine Luria should not have to compete with Bobby Scott for a seat. Politics, as seen clearly in this example, while inevitable, should not be that blatant.

Again, the opportunity to share input is appreciated.

Dr. William Owings
Distinguished Fellow, National Education Finance Academy
Professor of Educational Leadership
Old Dominion University
Norfolk, Virginia 23529
757.683.4954 (work)
757.749.4440 (cell)

While the early bird may get the worm, the second mouse gets the cheese.

Department Website: <http://www.odu.edu/efl>

From: slades123@aol.com
To: [Redistricting](#)
Subject: Proposed Redistricting Map
Date: Sunday, December 19, 2021 1:08:37 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

I am opposed to the proposed map as drawn by the Special Masters. It divides our community of interest (Chesterfield and Henrico) and makes the re-election of the three incumbent Congresswomen nearly impossible. Please ask the Court to instruct the Special Masters to adopt the Farkas map.

Respectfully submitted,

Eileen Slade
5311 Chestnut Bluff Terrace
Midlothian, Virginia 23112
804-245-5474
[Sent from the all new AOL app for iOS](#)

From: [David Tiller](#)
To: [Redistricting](#)
Subject: Redistricting Maps
Date: Sunday, December 19, 2021 1:26:32 PM

EXTERNAL EMAIL

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Vinton is in the Roanoke Valley and should be represented with the area.

In northern Virginia rural areas should be separate from urban and suburban areas. Rural areas' needs are vastly different from urban/suburban areas and need their own representation.

All Virginians deserve to be represented in a manner that serves their distinct needs and those needs should be equally represented.

Thank you for the opportunity to comment. Thank you for your service to the Commonwealth.

David Tiller

--

"Be who you are and say what you feel, because those who mind don't matter and those who matter don't mind."--- Dr. Seuss.

From: [Winstead, Barbara A.](#)
To: [Redistricting](#)
Subject: redistricting
Date: Sunday, December 19, 2021 1:44:11 PM

EXTERNAL EMAIL

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As a citizen of Norfolk, VA, I object to the proposed redistricting map. Norfolk and Virginia Beach share critical concerns: veteran's issues, military spending, sea level rise, and others. We should share congressional representation.

Barbara A. Winstead, PhD

From: [Elizabeth Balcar](#)
To: [Redistricting](#)
Subject: Comment on Redistricting maps
Date: Sunday, December 19, 2021 1:45:35 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Dear All,

The maps drawn by the Special Masters are passing muster with the Princeton Gerrymandering Project. However, if a line has been drawn the cuts a representative out his/her largely intact district, then I support, redrawing the line to include the representative's abode - BUT only if the district is largely intact.

Yours truly,

Elizabeth Balcar
1304 Woodhurst Drive
Virginia Beach, Virginia 23454
757-306-9740

From: [Thomas Dawson](#)
To: [Redistricting](#)
Subject: Current redistricting plan drawing up by VA Supreme Court
Date: Sunday, December 19, 2021 2:00:32 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Current redistricting law's intent was to eliminate politics from redistricting in VA.

I can understand why the current law's bipartisan committee failed because there are no provisions within the committee for impartial arbitration.

Even though the current VA Supreme Court plan earns high grades, it does not meet the intent of the law which the VA Supreme Court is most qualified to accomplish.

The plan does the following:

1. removes Incumbent Representative Elaine G. Luria from the district that she represents.
2. Puts Lucas and Spruill in same district which dilutes experienced political representation within Tidewater.
3. Limits representation for minorities and women.

The current proposed plan does not meet the intent of the law and no one is happy. At least under the old system one party was happy.

I request that we put some human input into plan.

Thank you,

Tom Dawson
125 Brittany Lane
Suffolk, VA 23435

From: jcervera60@aol.com
To: [Redistricting](#)
Subject: Virginia Redistricting
Date: Sunday, December 19, 2021 2:13:35 PM

EXTERNAL EMAIL

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James A. Cervera

1797 Grey Friars Chase Virginia Beach, Virginia 23456

Redistricting Map of 2nd Congressional District

JCervera60@aol.com

757-621-6754

Comment:

Please accept my comments to the proposed redistricting map of the Second Congressional District. I submit my comments as a long time resident of Virginia Beach, a forty-two year public servant and a staunch Independent voting citizen . I do find a major flaw with the new redistricting proposal for the 2nd Congressional District. I believe the proposal, while attempting to maintain cohesion in some cities, has done so at the expense of splitting the "Communities of Interest " of Virginia Beach and Norfolk.

Through the new proposal we will weaken the economic, social, environmental, and military cohesion of Virginia Beach and Norfolk through separate representation in our nation's capital. There is absolutely no question that residents of Virginia Beach work, visit, shop, attend cultural events and attend institutions of higher learning in Norfolk. The same is also true of the residents of Norfolk who flock to Virginia Beach for the same myriad reasons. The economic, educational and social viability of both cities are dependent upon a single representative who understands the interoperability of the two cities into one regional effort. This has worked to the citizens advantage for a number of years and has proven that the region is an successful example for many parts of the country to copy.

There is absolutely no questioning the strategic importance of the military presence in both of our cities and the need to maintain a strong system to support their operational viability. The fact that Norfolk is home to the largest naval fleet and aircraft carriers in the free world (something I am proud to distinguish every time I speak publicly throughout the United states) and the aircraft, amphibious fleet and other warfare units are housed in Virginia Beach, is the logical reason to keep the continuity of our area under one Congressional District.

I remain hopeful that you will have a deeper understanding of the overarching need to maintain a seamless congressional influence between our cities, as the only distinguishing difference between Norfolk and Virginia Beach is a dividing line drawn on a map many decades ago.

Respectfully,
James A. Cervera

From: [Janet Graham](#)
To: [Redistricting](#)
Subject: Proposed Redistricting Boundaries
Date: Sunday, December 19, 2021 2:38:30 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

As a five-year resident of James City County, I strenuously object to the proposed redistricting boundaries for House of Delegates Districts 69 and 71. It is ludicrous, in my opinion, to artificially separate the City of Williamsburg from the rest of Hampton Roads. This action ignores the transportation, tourism, economic, cultural, and historical ties that Williamsburg has long had with the rest of Hampton Roads and appears to be a blatant act of gerrymandering for purely partisan reasons. The Historic Triangle of Yorktown, Williamsburg, and Jamestown is important to all of the entities involved and should be honored in our representation in the House of Delegates. Furthermore, adding a small PART of Gloucester to the 71st District—by crossing the York River, a natural boundary that separates two very different areas—defies all logic and common sense. Please add Williamsburg back into the 69th District and remove the portion of Gloucester from the 71st.

From: [Carol Miller](#)
To: [Redistricting](#)
Subject: Redistricting maps - comments
Date: Sunday, December 19, 2021 2:39:09 PM

EXTERNAL EMAIL

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I am a constituent in the current 2nd congressional district, & am NOT in favor of the changes made by the masters.

The waterfront areas in Norfolk & Virginia Beach should be represented TOGETHER due specifically to their shared environmental concerns. Sea level rising should have a coordinated plan, with a shared representative spearheading this joint effort.

In addition, both Norfolk & Virginia Beach have military bases & should have the same person representing their concerns, not split representation. The military is essential to Hampton Roads as a whole. Don't split us up.

Carol Miller
2829 Wood Duck Dr , 23456

Sent from my iPad

From: rhagen12@verizon.net
To: [Redistricting](#)
Subject: Incumbents and Maps
Date: Sunday, December 19, 2021 2:55:49 PM

EXTERNAL EMAIL

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I would like to thank the Supreme Court justices, the court staff, the Special Masters and the many Citizens who gave testimony at the 2 public hearings. I was extremely impressed with the coherent and well researched presentations of the Citizens.

I would like to add my voice to the discussion of Incumbents. There were several presenters who wanted their current Legislators included in their district. In the Sunday Virginian Pilot the Editorial Staff also wanted maps redrawn to include Incumbents. I have volunteered with OneVirginia2021 for 5 years and every time Legislators discussed maps the number one issue was where the Incumbents live. I should add that my current Representative, who I campaigned for, will not be in my district based on the current maps. I believe she can still run in the district, but it is a real handy cap. I do not want the map redrawn with the sole purpose of putting her in my district.

I believe the Special Masters got it right when they said in their support document that they only knew where one Legislator lived. I would ask that Legislator addressed NOT be considered. I also assume that the Justices will not consider the party that elected them to their position. Our country is in dire need of people who are non partisan.

This entire process has proven that partisan Legislators should have no place in drawing district maps. We need to try to get a Nonpartisan commission to draw the maps in 2031.

Thanks again for all the hard work. I am looking forward to seeing the final product.

Happy Holiday's

Richard Hagen
Virginia Beach

From: [Will Pace](#)
To: [Redistricting](#)
Subject: Please add the Town of Hurt to House District 48, while Leaving Senate District 9 and the Fifth Congressional District Alone
Date: Sunday, December 19, 2021 3:11:06 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Dear Madam Clerk,

My name is Will Pace. I am a resident of Pittsylvania County and the Mayor of Chatham. I spoke before the Virginia Supreme Court on December 17 to share my thoughts on the districts that Dr. Grofman and Mr. Trende (the Mapmakers) developed, specifically where I reside. Below are the written remarks of what I said on December 17.

House District 48

Overall, House District 48 is a decent House district. It keeps Chatham, Gretna, and Martinsville communities of interest intact. It is very important to keep Chatham, Gretna, and Martinsville's Communities of Interest intact, so please do not make any changes to the western, southern and eastern boundaries of House District 48. I say this also because the Mapmakers kept Danville's communities of interest intact within House District 49.

However, as mentioned during the Supreme Court public hearing on December 15 by Hurt Mayor Gary Hodnett, the town of Hurt and its communities of interest are not intact as the town of Hurt is in House District 51 (Campbell County and southern Bedford County), not in House District 48 with the rest of Pittsylvania County. The towns of Chatham, Gretna, and Hurt should be in the same House district.

The town of Hurt is located on the northern tip of Pittsylvania County within the Hurt precinct. Hurt's communities of interest include Motley, Renan, and Sycamore. These communities are in House District 48, unlike Hurt. Hurt shares many similarities and interests with the rest of Pittsylvania County such as the Staunton River Regional Industrial Facility Authority, which was established to improve the economic base of Hurt by developing the Southern Virginia Multimodal Park in Hurt. No locality in House District 51 has a partnership with this and by adding Hurt in a House District with Campbell County may jeopardize and/or create obstacles to accomplish the final touches to this industrial park.

There is a way to resolve this. I understand that Dr. Grofman and Mr. Trende used a 2.5% deviation, but as they stated in their memo, the deviation can go as high as 5% (the Redistricting Commission drew maps that had a 5% deviation). According to the proposed House district maps developed, House District 48 has a deviation of -2.17% while House District 51 has a deviation of -0.61%. By adding the Hurt precinct into House District 48 and not touching any other parts of this district, the deviation becomes 1.64%. Removing the Hurt precinct from House District 51 and not touching any other parts of this district, the deviation becomes -4.42%, outside the 2.5% deviation set by the mapmakers, but within the statutory required 5% deviation. It is possible to add the Hurt precinct into the House District 48 and out of House District 51 without deviating outside of the required 5% deviation. I hope that you will add the Hurt precinct into House District 48 without making any other changes to House

District 48.

Senate District 9

Please leave Senate District 9 as it is a good Senate district that keeps much of Southside Virginia's localities.

Fifth Congressional District

The Fifth Congressional District is not perfect, but it is decent and compact. While there are some things that I personally don't like about how the Fifth District looks (such as how Bedford County was split within this district), time is not on our side and these Congressional Districts need to be approved very soon. Remember that Party Primary filings begin in March. Furthermore, every Congressional District in Virginia must have a population of 784,672, while the Mapmakers used a deviation of 0.25%. Nevertheless, this is a very low deviation compared to General Assembly Districts.

I would like to direct the Mapmakers to look at the recent historical boundaries of the Fifth Congressional District and you will see that recent history is on your side. For example, in the 1990s, Albemarle County was split between two Congressional Districts. During the 1970s, portions of Chesterfield County were in the Fifth Congressional District. What Dr. Grofman and Mr. Trende drew for the Fifth Congressional District is not out of the ordinary by any means.

The bottom line is that if you make any changes to the Congressional Districts with such low deviation, you will open up to new and more criticism. As such, leave the Fifth Congressional District as is.

Conclusion

While I support how Senate District 9 and the Fifth Congressional District are drawn, I hope that you will consider adding the Hurt precinct into House District 48 without making any other changes to this district as this can be done under 5% deviation. Thank you very much.

Sincerely,

Will Pace
Mayor of Chatham

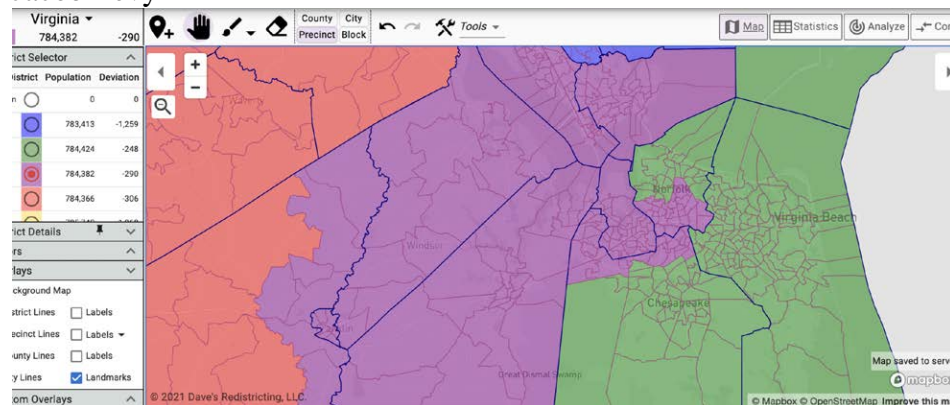
From: [Jacob Levy](#)
To: [Redistricting](#)
Subject: Re: 2nd and 3rd CD Redistricting: Constituent Input
Date: Sunday, December 19, 2021 3:25:32 PM
Attachments: [Screen Shot 2021-12-19 at 15.24.12.png](#)

Hi Sharon,

Thank you for ensuring that the public comment video testimony went so smoothly this week!

If there is any way the below screenshot I could submit the attached screenshot as public comment into the record, in accordance with the changes I described in my testimony, I would really appreciate it.

Thank you for your time,
Jacob Levy



On Wed, Dec 15, 2021 at 2:57 PM Jacob Levy <jml437@georgetown.edu> wrote:
Thank you!

On Wed, Dec 15, 2021 at 2:07 PM Redistricting <Redistricting@vacourts.gov> wrote:

Confirmed. You will receive a meeting link tomorrow.

Sharon L. Abernathy

Supreme Court of Virginia

100 North 9th Street

Richmond, VA 23219

804-786-5754

From: Jacob Levy <jml437@georgetown.edu>
Sent: Wednesday, December 15, 2021 2:02 PM
To: Redistricting <Redistricting@vacourts.gov>
Subject: Re: 2nd and 3rd CD Redistricting: Constituent Input

Hi Sharon,

Thank you for your response.

Could I please speak at the public hearing on Friday the 17th?

Email: JML437@georgetown.edu

Phone: 757-477-2212

Residence: Virginia Beach

Please let me know if there is anything else I can provide to speak on Friday!

Thank you,

Jacob Levy

On Thu, Dec 9, 2021 at 2:22 PM Redistricting <Redistricting@vacourts.gov> wrote:

Dear Mr. Levy,

Via this email account, you may submit written comments or you may request an opportunity to present virtual live comments to the Court on either December 15 or 17.

If you would like to present live, please let me know which day (12/15 or 12/17), and also provide me with the following information:

Email address to which the webex link should be sent;

Cell phone number (or number where you can be reached on the day of the hearing); and

Area of the Commonwealth where you reside

If you would like to provide written comments only, for posting on the public comments page, those can be submitted to me and I will have them posted.

If you need any other information, please let me know.

Best regards,

Sharon

Sharon L. Abernathy

Supreme Court of Virginia

100 North 9th Street

Richmond, VA 23219

(804) 786-5754

From: Jacob Levy <jml437@georgetown.edu>
Sent: Thursday, December 09, 2021 2:12 PM
To: Redistricting <Redistricting@vacourts.gov>
Subject: Re: 2nd and 3rd CD Redistricting: Constituent Input

EXTERNAL EMAIL

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Hello,

Following up to my prior email, I believe I may have misunderstood the process. If this email account is simply to register to voice suggestions on the redistricting process, I would like to write simply just to request an opportunity to voice comments in the December 17th hearing on the maps.

Thank you,

Jacob Levy

The Honorable Muriel-Theresa Pitney, Clerk
Supreme Court of Virginia
P.O. Box 1315
100 N. Ninth Street
Richmond, VA 23219-1315

Re: Requested Minor Correction to Boundary of House of Delegates District 96/
House of Delegates District 98 at Elbow Road and Indian River Road

Dear Ms. Pitney,

Pursuant to Rule 4a of the rules and procedures for implementing the requirements of article II section 6-A of the Constitution of Virginia, I am submitting the following comments and suggestions requesting a minor correction to the boundary between House of Delegates District 96 and House of Delegates District 98.

I am a retired lawyer and a 30 year resident of the City of Virginia Beach. I write to request that the Hillcrest Farms neighborhood be included in proposed House of Delegates District 96, not House of Delegates District 98, for three reasons.

First, the proposed district line between draft HD 96 and draft HD 98 runs from the southeast corner of Stumpy Lake along the present alignment of the oddly configured intersection of four roads: Indian River Road (Route 603) headed west, Elbow Road headed south and then southwest, and Elbow Road headed northeast, which immediately again crosses Indian River Road (Route 603), now headed south along the Hillcrest Farms neighborhood. (See maps 1,2, and 3.)

This is the current version of several realignments of this disjointed intersection, none of which successfully resolved the confusion caused by an odd historical configuration, with multiple repeating/conflicting road names in an extremely small area around the southeast corner of Stumpy Lake.

To solve this problem, the City of Virginia Beach has imminent plans to realign Elbow Road in the immediate area that the Special Masters have tentatively designated as the dividing line between draft HD 96 and draft HD 98. (See map 4). The new alignment of Elbow Road will run directly through the Hillcrest Farms neighborhood, then intersect with Indian River Road (Route 603) to the south of the present alignment of the confusing four road intersection described above. The Hillcrest Farms Homeowners' Association has already conveyed the land to the City, so this road project should start very soon.

Given these imminent changes to the alignment of Elbow Road, it makes sense to include the Hillcrest Farms neighborhood in HD 96 rather than HD 98. The dividing line between the two districts is Elbow Road, which will soon run directly through the Hillcrest Farms neighborhood. Obviously, the entire Hillcrest Farms neighborhood, and arguably the entire Hillcrest precinct (VB precinct number 87) should be included in HD 96 as a key community of interest. This correction will avoid further compounding any confusion in voting locations or House of Delegates representation that these pending road changes in this small but complicated area will otherwise inevitably cause.

Second, the suburban character of the Hillcrest Farms neighborhood further argues for its inclusion in HD 96. Most of draft HD 98 beyond this proposed far northwest corner is quite dissimilar to suburban Hillcrest Farms. Draft HD 98 is centered around the large rural/farmland area of Pungo and the beach area along the Sandbridge strip, culminating in the uninhabited

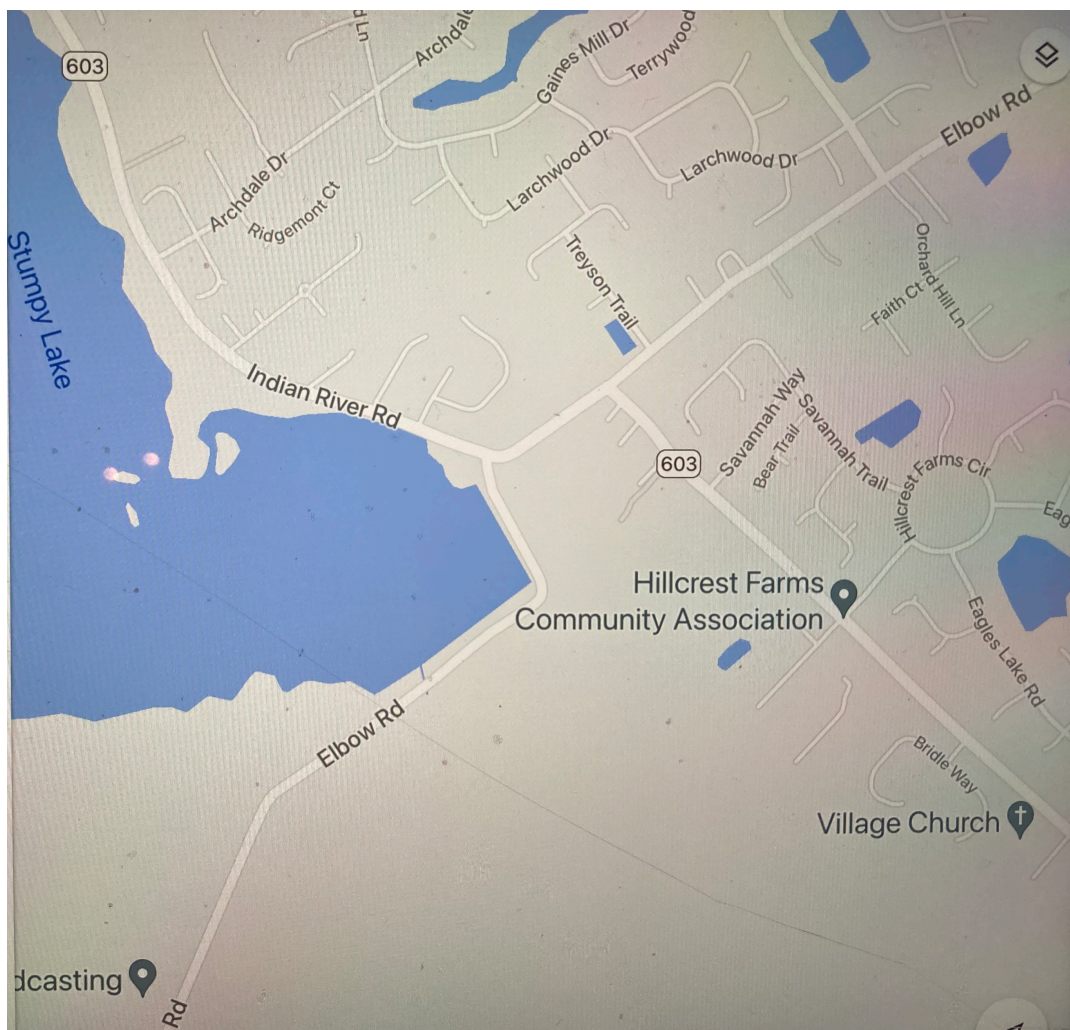
Back Bay National Wildlife Refuge and False Cape State Park. In contrast, most of draft HD 96 is exclusively suburban in character like the Hillcrest Farms neighborhood and precinct. These compact, contiguous, similar suburban communities of interest should be included together in House of Delegates District 96.

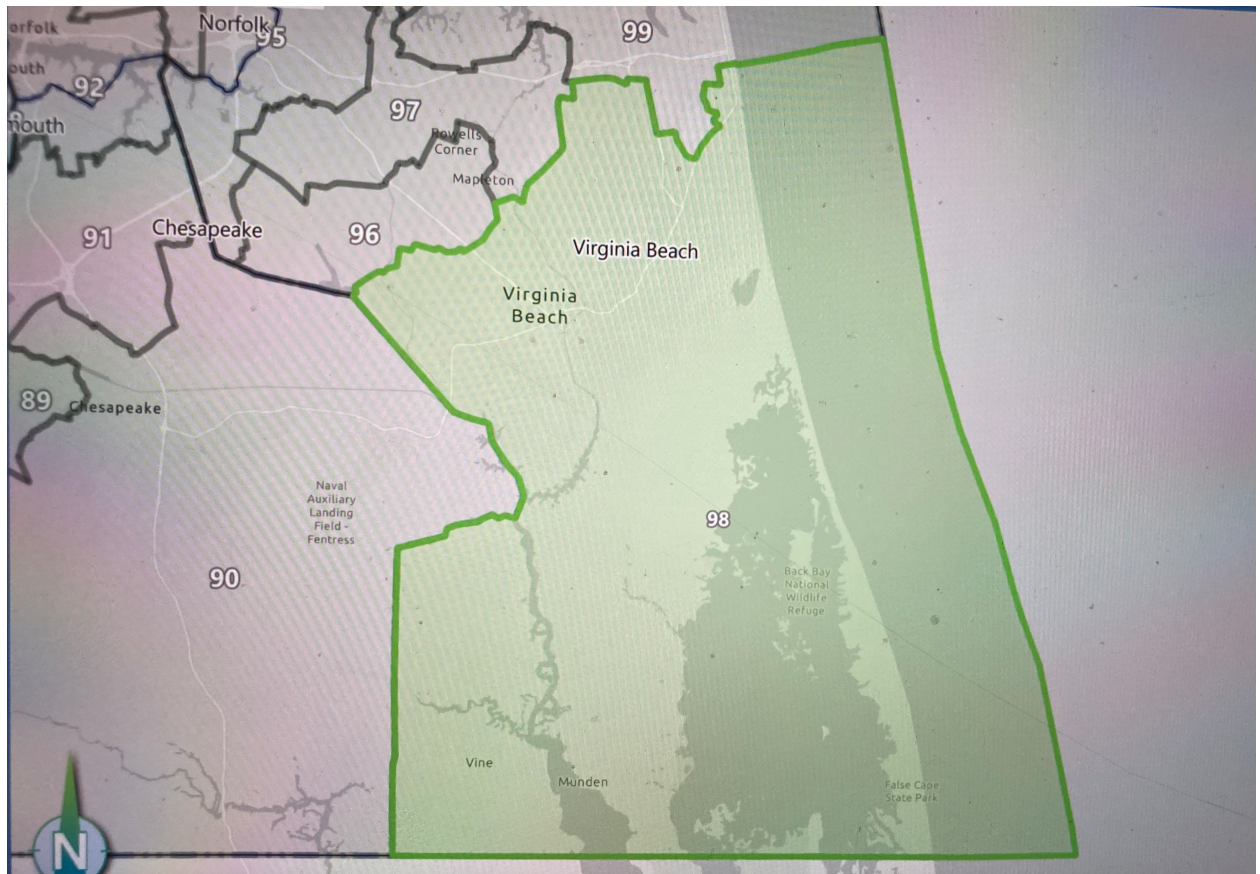
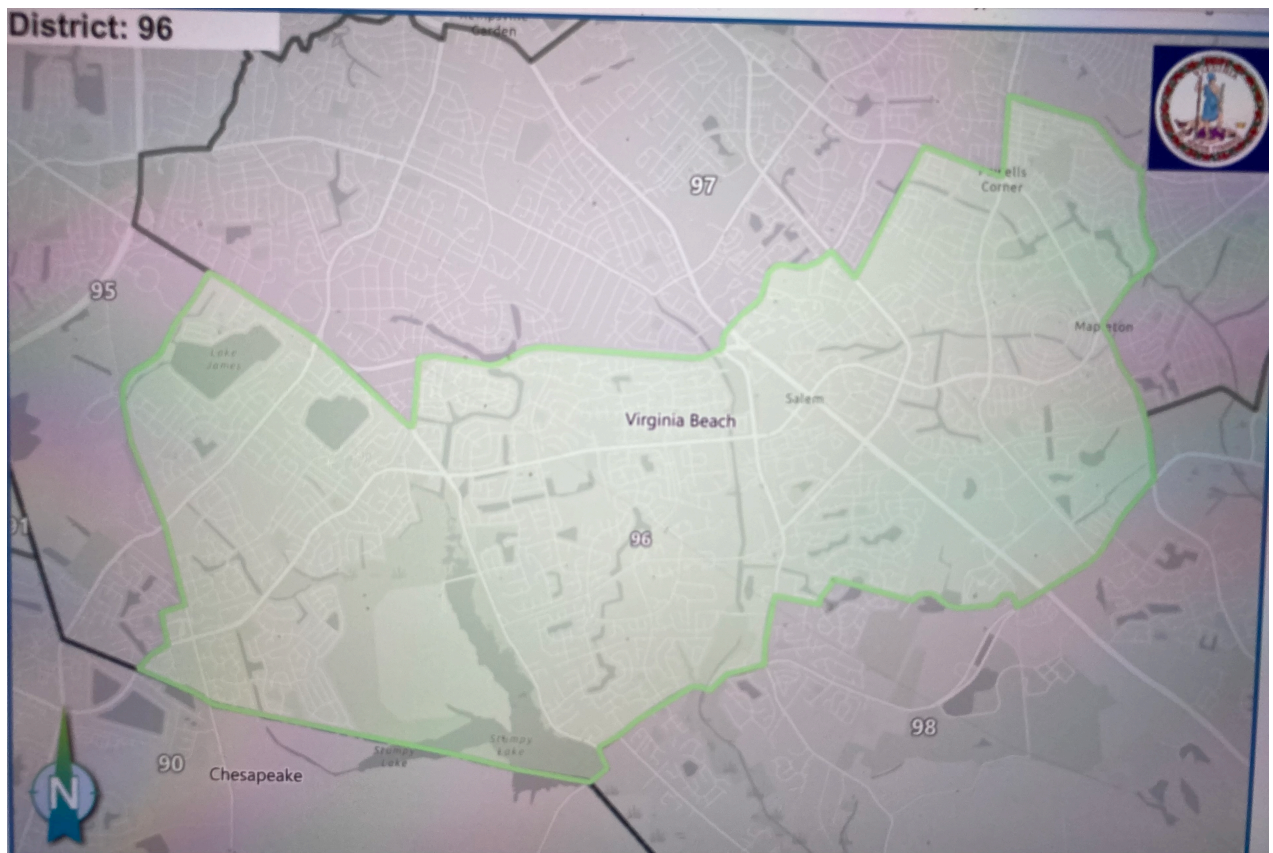
Third, the current incumbent in HD 21 (the forerunner district to draft HD 96) has significant ties to the Filipino community in current HD 21/future draft HD 96 and throughout the City of Virginia Beach. Historically, both Republican and Democratic Delegates in this House of Delegates District have ably represented the local Filipino community, the largest Filipino community in the United States. These capable Filipino-American Delegates have done so in a bipartisan fashion, without any regard to party affiliation. They continue to work in concert to advance this beloved local community. It would be a shame to deprive the large, vibrant, cohesive and important Filipino community of Virginia Beach of its chosen representative, who lives less than a mile from Elbow Road in the Hillcrest Farms neighborhood, because of a simple, easily correctable mapping fluke understandably but incorrectly based on the current, soon-to-be changed alignment of the various intersections now labeled Indian River Road and Elbow Road.

For these reasons, I respectfully request that the Hillcrest neighborhood (and perhaps the entire Hillcrest precinct) be included in House of Delegates District 96.

Thank you very much for your consideration and action on this request.

Respectfully submitted,
Susan B. Potter, Esq.







From: [Jess](#)
To: [Redistricting](#)
Subject: Redistricting Maps
Date: Sunday, December 19, 2021 4:20:56 PM

EXTERNAL EMAIL

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Good Morning,

I am a resident of Fredericksburg, VA. I wish to express my support of the Farkas map. I oppose the map masters plans that sharply decrease the black and brown vote as well as the female vote.

Thank you,
Jessica

From: [Laura Tripp](#)
To: [Redistricting](#)
Subject: Redistricting
Date: Sunday, December 19, 2021 4:29:02 PM

EXTERNAL EMAIL

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I am writing in support of keeping Williamsburg in HD-69.

It is important for our community that Williamsburg be kept in the same district with the surrounding geographic locations in James City County because we share so many services (schools and school boards, roads and infrastructure, tourism).

Williamsburg should be included in the the newly proposed HD-69. Please reconsider the decision to separate Williamsburg from the surrounding locales in HD-69 as you continue the redistricting efforts.

Thank you.

Laura Tripp

313 E. Tazewell's Way

Williamsburg 23185

Laura.tripp@cox.net

From: [Stacy Kern-Scheerer](#)
To: [Redistricting](#)
Subject: Comment on Proposed Districts 23 and 24
Date: Sunday, December 19, 2021 4:30:46 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Hello,

My comment is that Poquoson should be put in the 23rd District, with Hampton. This change would preserve the community of interest that exists between Hampton and Poquoson.

Thank you,
Stacy Kern-Scheerer
Resident of Hampton Roads (Williamsburg)

From: [Stacy Kern-Scheerer](#)
To: [Redistricting](#)
Subject: Comment on Proposed HOD Districts 69 and 71
Date: Sunday, December 19, 2021 4:42:11 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Hello,

My comment: I have a great deal of concern regarding the proposed 69th and the 71st districts, specifically with respect to the City of Williamsburg.

I work in a profession that involves a lot of connecting individuals to various social services in the area. I know first-hand that residents and workers in Lower James City County and Williamsburg rely on many of the same services in the greater Williamsburg area, such as transportation, healthcare, education, and social services.

Of greatest concern to me is that, under the proposed map, Williamsburg would be in a district (the 71st) that runs all the way to Providence Forge. Williamsburg is and has always been a part of Hampton Roads. Please don't put Williamsburg in a district that runs all the way into the Richmond area. Williamsburg is a part of Hampton Roads in every way – in services, in sharing of residents and workforce, in infrastructure, and in identity. Please keep Williamsburg with other Hampton Roads communities.

Kind regards,
Stacy Kern-Scheerer
Resident of Hampton Roads (City of Williamsburg)

From: [Linda Plaut](#)
To: [Redistricting](#)
Subject: State senate district
Date: Sunday, December 19, 2021 4:42:52 PM

EXTERNAL EMAIL

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Dear Court,

The current plan for Blacksburg's state senate district makes no sense—it puts our University town together with entirely rural districts. Please pair us with Roanoke City, with whom we have life-saving collaboration that helps every citizen with complicated medical conditions!

Thanks,

Linda Plaut
Blacksburg

From: [Susan Melson](#)
To: [Redistricting](#)
Subject: Redistricting Maps
Date: Sunday, December 19, 2021 5:46:20 PM

EXTERNAL EMAIL

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Please keep Vinton with the Roanoke Valley in redistributing map.

Thank you,
Susan Melson
5634 Green Meadow Rd
Roanoke, VA 24018

Sent from my iPhone

From: [Patricia Condle-Boyd](#)
To: [Redistricting](#)
Subject: Redistricting of the 69th and 71st Districts
Date: Sunday, December 19, 2021 5:53:46 PM

EXTERNAL EMAIL

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To the Honorable Members of the Virginia State **Supreme** Court. I submit the following items to be considered about the proposed redistricting of the 69th and 71st districts. I am opposed to the new changes being proposed for the following reasons:

1. Williamsburg has been separated from lower James City County, including Grove. The history of African Americans in the Historic Triangle links the City and Grove. For that reason, they should not be separated.
2. Lower James City County and Williamsburg rely on many of the same services in the Williamsburg area, such as transportation, healthcare, and social services.
3. The 69th takes a head-scratching jog across the York River and picks up a small portion of Gloucester. This is a very different community and should be part of a district that is on the other side of the York River with the rest of Gloucester County.
4. The new maps put Williamsburg in the 71st District, which runs all the way to Providence Forge. **Williamsburg has always been part of Hampton Roads.** This puts Williamsburg with other communities that extend up into the Richmond area instead of keeping it with other Hampton Roads communities where the majority of us live, work and play.

Respectfully submitted,

Patricia Condle Boyd

Retired Virginia Public School Teacher from Poquoson and Williamsburg Resident

From: [Dave Schutz](#)
To: [Redistricting](#)
Subject: I'm a resident of Arlington, in proposed District 2.
Date: Sunday, December 19, 2021 6:03:04 PM

EXTERNAL EMAIL

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I've been a very happy constituent of Patrick Hope, who I will lose if the map goes forward as drawn. That said, I think the map does nicely for Arlington, the districts make sense and the new District 2 should provide a good representation for Arlington's many apartment dwellers. On the Senate, it makes FAR more sense for Barbara Favola (or whoever is elected) to represent Arlington, rather than the district stretching out to Loudoun which has existed. So, count me a supporter. Dave Schutz
900 North Ivy Street Arlington VA 22201



MEMBER OF CONGRESS

BOBBY SCOTT
THIRD DISTRICT
VIRGINIA

December 19, 2021

Ms. Muriel-Theresa Pitney
Clerk of Court
Supreme Court of Virginia
100 N 9th Street, 5th Floor
Richmond, VA 23219

Sent via electronic mail to redistricting@vacourts.gov

Dear Ms. Pitney,

After recent written and public testimony before the Court regarding the pending redistricting map submitted by the two Special Masters, I felt compelled to make a comment about the 3rd congressional district.

Several comments have suggested that the 3rd congressional district should, at a minimum, maintain its current Black Voting Age Population (BVAP) of 47 percent in order to comply with the federal Voting Rights Act. Some have even argued that further unpacking the 3rd district would dilute minority voting strength. I am troubled that some of my fellow Virginians misunderstand the Voting Rights Act, the importance of maximizing minority voter influence, and the appropriate methods and remedies to achieve this goal. If the Special Masters' map is in violation of the Voting Rights Act, it is only because the draft continues to overpack minority voters in the 3rd congressional district.

While I am concerned that the Special Masters unnecessarily drew incumbents into the same district, I commend them for their efforts to continue to unpack Virginia's 3rd congressional district by lowering the district's BVAP from 47.2 percent to 44.5 percent. However, even a BVAP of 44.5 percent still makes the 3rd congressional district unnecessarily overpacked thus diluting minority voting strength in the adjacent congressional districts in violation of the Voting Rights Act.

The 3rd congressional district can still be an effective minority district with a lower BVAP. In establishing this number, the Court should consider the voting coalitions that minority communities can form in order to elect the candidate of their choice. For some communities, this may require a higher BVAP but for others a lower BVAP can be sufficient and strengthen minority voting influence in additional districts.

I strongly encourage the Court to adjust the Special Masters' map to further unpack the 3rd congressional district. The Commonwealth is an incredibly diverse state, and it is critical that legislative and congressional district lines reflect this diversity to ensure that minority communities have the strongest voice possible in who they send to Richmond and Washington.

Very truly yours,

ROBERT C. "BOBBY" SCOTT
Member of Congress

From: [Bill Kayser](#)
To: [Redistricting](#)
Subject: Redistricting Maps, Roanoke & New River Valley
Date: Sunday, December 19, 2021 6:45:20 PM

EXTERNAL EMAIL

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To whom it may concern,

Please oppose the effort to redistrict Roanoke and the New River Valley by gerrymandering them into a combined district. I believe they should remain as compact individual districts. Thank you for the opportunity to comment.

Sincerely,
William Kayser
Vinton, VA

From: [Elton Adams](#)
To: [Redistricting](#)
Subject: Redistricting
Date: Sunday, December 19, 2021 7:26:21 PM

EXTERNAL EMAIL

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To whom concerned, I do not think that our town on Hurt should be redistricted. We are part of Pittsylvania county and should stay that way. We have lots of business ties with our county. Nothing would be gained by this... Thank you

E. Collin Adams Jr. Town Council town of Hurt
Sent from my iPhone

From: [juliet.schweiter](#)
To: [Redistricting](#)
Subject: Redistricting
Date: Sunday, December 19, 2021 7:33:23 PM

EXTERNAL EMAIL

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Please do not put Stafford county with prince William county. This will be taking away the voice of those who live in Stafford county.

Thank you

Juliet Schweiter

Stafford county resident

From: [Rod Sayles](#)
To: [Redistricting](#)
Subject: Redistricting Maps
Date: Sunday, December 19, 2021 8:01:44 PM

EXTERNAL EMAIL

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I encourage you to reconsider excluding Vinton from the Roanoke Valley district. It does not make sense because Vinton & Roanoke are within the same metro area and far removed from Staunton.

Respectfully,
Rodney Sayles
PO BOX 701
HARDY, VA 24101
540-721-5755

[Sent from AT&T Yahoo Mail on Android](#)

From: [J B](#)
To: [Redistricting](#)
Subject: Redistricting Feedback
Date: Sunday, December 19, 2021 8:01:51 PM

EXTERNAL EMAIL

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I'm writing to put in a good word for the map proposed by former Congressman Tom Davis. I thought that the districts looked very compact, with none of the weird tendrils that gerrymandered districts often have. Even the districts in Northern Virginia had solid geometric shapes, which we rarely see in that region. I would like to see something very similar to the Davis map be adopted by the Court.

Thanks,

Jeff Bolander
540 421-9275
Rockingham County, VA

December 19, 2021

Dear Chief Justice Lemons, Justices and Special Masters

My name is Pete Costigan and I live in Ruckersville in Greene County.

I'd like to commend and congratulate the Chief Justice and other Justices for appointing Prof Grofman and Mr. Trende as Special Masters and the Special Masters themselves for their thorough and transparent work on Virginia's proposed Congressional, State Senate and House of Delegates maps. Although, as many have observed already, no set of maps could ever satisfy all interested parties, I suspect most Virginians agree that these proposed maps are a significant improvement over the current maps.

That said, I'd like to propose the following changes regarding the Special Masters' proposed maps for HOD and State Senate. First, in the HOD map, I propose that Greene County be taken out of district 62 and be made part of district 55. Second, in the State Senate map, I propose that Greene County be taken out of district 28 be made part of district 11. Albemarle County, which borders Greene County to its south, is part of both proposed HOD district 55 and State Senate district 11.

As the Special Masters state in their comprehensive memo accompanying their proposed maps, " we followed the Court's command and prioritized federal constitutional and statutory requirements, as well as those in the Virginia Constitution." As the memo also clearly states, ***recognizing Communities of Interest is one of those statutory requirements.*** I believe the community of interest Greene County forms with Albemarle County is well established for the following reasons.

First, Greene County residents regularly drive to Albemarle for shopping and medical care. In addition, many Greene residents drive to Albemarle every day to their jobs at the National Ground Intelligence Center in northern Albemarle, to State Farm and to various UVa facilities in Albemarle among other employers. In fact, a significant percentage of Greene County's employed residents work in Albemarle. In contrast, relatively few drive the 30-35 miles north to shop or work in Madison, Culpeper or Orange Counties which are in proposed HOD district 62 and State Senate district 28.

Second, Greene is a small county with about 55% of its 20,500 residents living mostly south of the intersection of east-west route 33 and north-south route 29, two major state highways. Since the Greene/Albemarle border is less than four miles south of this intersection, Route 29 provides easy access for Greene County residents shopping and working in Albemarle.

Third, Greene County, along with Albemarle, is among the counties served by the Thomas Jefferson Planning Commission (Planning District 10.) Through the

Commission's Legislative Services program, the interests of the counties are represented before the legislature and other state policymakers. Much of this effort occurs in the General Assembly during the January-March session each year. Amherst County, which is currently part of proposed State Senate district 11, is not served by the Thomas Jefferson Planning Commission. Amherst County is in Planning District 11 along with Campbell, Bedford and Appomattox Counties and the city of Lynchburg.

For these reasons, I believe Greene and Albemarle Counties should be in the same HOD and State Senate districts.

I recognize that in shaping the districts, the Special Masters adhered closely to another statutory requirement: ***equal representation based, as practicably as possible, on equal population***. Therefore, if the Court were to implement my proposals for the HOD and State Senate districts in question, the Special Masters would be required to make other adjustments to the affected districts to maintain that equal representation. I suggest the following for their consideration.

1. If Greene County's 20,500 residents were removed from HOD district 62 and placed in HOD district 55 as I propose, district 62's remaining population could be equalized by adding all or some of the residents of Orange County that are not currently included in district 62. This change would also address the preferences of others who posted on the interactive maps and spoke at the hearings. Their preferences were to keep all or most of Orange, Madison, and Culpeper Counties in the same HOD district.
2. If Greene County's 20,500 residents were added to HOD district 55 as I propose, the Louisa County residents currently included in district 55 could be reunited with those Louisa County residents currently included in district 59. At least one comment on the interactive map from a Louisa County resident opined that Nelson County residents have more in common with Albemarle than Louisa County residents and at least one Nelson County resident agreed.
3. If Greene County's 20,500 residents were removed from State Senate district 28 and placed in State Senate district 11 as I propose, district 28's remaining population could be equalized by adding those residents, currently in State Senate district 27, who live along Route 3 in western Spotsylvania County. Several district 27 residents, reacting to the interactive map, seemed to support this change.
4. If Greene County's 20,500 residents were added to State Senate district 11 as I propose, all or some of the residents of Amherst County could be removed. As I mention above, Amherst County is in planning district 11 while both Albemarle and Greene Counties are in the Thomas Jefferson Planning district (district 10).

Thank you for considering my proposals and for the difficult but important work you are doing.

Pete Costigan

From: cii1997@aol.com
To: [Redistricting](#)
Subject: Redistricting Maps
Date: Sunday, December 19, 2021 8:34:00 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

To the Virginia Supreme Court:

One of the things the Virginia voted for when passing the recent amendment was to reduce or end gerrymandering as much as possible and ensure that districts are reasonable regarding such issues as the likelihood of voters to have access to media that would keep them informed about issues and candidates in their area so as to make them more informed voters. A gerrymandered Senate district that would include the Town of Vinton in a district extends as far north as Staunton would put the citizens of Vinton at a huge disadvantage both geographically and informationally. Vinton does and will get its news from Roanoke. I do not think Vinton can logically be included in a district stretching to Staunton. That would defeat the purpose of the amendment.

For these same reasons it would not be reasonable to include Roanoke County with Radford.

Please keep the Roanoke Valley intact as much as possible. It will lead to better representation, better informed voters and, therefore, better government. That, I believe, is what the voters were hoping for when they passed the recent amendment.

Thank you,

Gene Rose

5902 Bighorn Dr.

Roanoke, VA 24018

From: [Arlene Joynes](#)
To: [Redistricting](#)
Subject: Redrawn map
Date: Sunday, December 19, 2021 8:46:02 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Arlene Joynes
4493 Eastway CT
Cape Charles, VA 23310
Disapprove
arlenetj23@gmail.com
757-414-1414

I am opposed to the redrawn redistricting map.
It makes no sense to split the military and veteran populations in the Hampton Roads area.
The men and women of those military bases work closely together and deserve to be represented by the same congressional district.

From: [Jane Banfield](#)
To: [Redistricting](#)
Subject: District 69& 71
Date: Sunday, December 19, 2021 9:06:56 PM

EXTERNAL EMAIL

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Sent from [Mail](#) for Windows

Re: 69 & 71

Williamsburg and James City County, along with Hampton Roads share common socio-economic interests and would be best served in the same district.

It would be difficult for a representative to address the needs of his constituents if those interests are so varied to make a compromise impossible.

Extending geographic boundaries to include multiple urban, suburban, and rural areas does not lend itself to a community of interest.

From: [Euphemia](#)
To: [Redistricting](#)
Subject: Region 6 Newport News
Date: Sunday, December 19, 2021 9:22:57 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Most egregious redrawing of map, I have seen. Why are you all so blatantly cruel? Too expensive to dilute the true representative population based on 2020 census.

Sent from my iPhone

From: [Clinton Perdue](#)
To: [Redistricting](#)
Subject: Redistricting Maps
Date: Sunday, December 19, 2021 9:26:32 PM

EXTERNAL EMAIL

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Please keep Salem in the 9th district. For that matter, compacting the districts in general would be better. The proposed 6th district takes over three hours to traverse and covers more than half the length of the state. My local representative should be well, local - not splitting attention between Salem and the exurbs of Washington.

From: [Clark James](#)
To: [Redistricting](#)
Cc: nicolecolefinacial@gmail.com
Subject: District 27 and Spotsylvania Battlefield Redistricting
Date: Sunday, December 19, 2021 9:28:39 PM

EXTERNAL EMAIL

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- Please redraw these districts and include the entirety of the BATTLEFIELD District of Spotsylvania county with DISTRICT 27 and Fredericksburg. Our interests as a growing and competitive suburb are more aligned with the City of Fredericksburg. Battlefield, Fredericksburg and District 27 share similar socio political and economic interests, diversity and growth patterns and community relations than those communities in the rural areas. Districts aligned with similar interests is more beneficial and advantageous than focusing on serving the needs of rural Virginians. Redrawing these lines would be a gross mistake and disservice to Battlefield District citizens.
- Redrawing district lines would significantly impact and cripple legislative representation and more importantly funding for infrastructure growth, public school needs and local government sponsored goods and services.

Sent from my iPhone

Members
Virginia Supreme Court

Dear Justices of the Supreme Court,

I have just finished up my 18th year in the current 43rd House of Delegates district. I commend the Special Masters for creating a new House of Delegates map that comes with many surprises but is a very good start. The citizenry will be better served with more competitive districts. Politicians should not draw their own districts.

On the other hand, if the Commonwealth were to have drastic changes dropped on it every ten years like this, I am convinced it would lead to poorer, less effective governance. There are good reasons to take a cautious approach, building off, or from, what came before, when possible, consistent with competition, and obviously consistent with the Voting Rights Act. Legislatures are run largely by seniority for many reasons—importantly, one needs to learn the job and the people to be effective. Further, if we have maps like this again in ten years, Virginia members of the 435-member U.S. House of Representatives will be much less likely to chair an important committee considering the extreme gerrymandering (leading to stability) underway across the USA.

With this type of change every ten years, our part-time citizen Virginia House would likely be less functional or efficient given our crazy eight-week and six-week dashes—a freshman runs for re-election with 14 weeks of legislative experience under her/his belt. The ‘permanent government’ would enjoy more power as new member education would be constant, e.g, what is the COPN fight all about? Obscure but highly debated policies are rarely known to new Members and must be learned upon taking and serving in office.

With these concerns in mind, I urge you to adopt minor and easy changes to the Virginia House plan that do not change the balance and competitiveness sought by the Special Masters. The changes I recommend below for proposed districts 16 and 17 are not as existential to the communities as others are that I hope you will make around the Commonwealth. But the changes will not impact the performance of proposed districts 16 and 17, and I offer them as a clear and simple improvements to the two draft districts.

REQUEST

As referenced, **my request today for the proposed 17th district** (the heart of the current 43rd) is less urgent but is nonetheless fully justified. **Please reconsider the unnecessary shifting of precincts** between current 44th district (16 in proposed map) and district 43 (17 in proposed map). The proposed map splits high school attendance areas and splits the Greater Wilton Woods Citizens Association (by taking Clermont (423) and Mt. Eagle (408)) out of the proposed 17th). Switching these precincts BACK to existing lines does not change the electoral performance of either the proposed 16th or 17th.

In our suburban communities, sometimes the only sense of community comes from the school pyramids. The Edison High School pyramid is in the current 43rd. Unfortunately, **five Edison HS** precincts (Grosvenor (621 not in current 43), Huntington (607 where I live), Cameron (402), Mt Eagle (408), Clermont (423) were placed in the new 16th (44th) district). Concurrently, **none of the Edison HS attendance area is currently in the 44th (16th) District.** In leveling population lost to the 17th (43rd), the Special Masters placed **three Mt Vernon HS** precincts of similar overall population in the 17th (Fairfield (413), Pinewood (428) and Woodlawn (627)). **There was previously no Mt Vernon HS attendance area in the 43rd.** Furthermore, making this switch as requested allows the map makers to use Route 1 (Richmond Highway) as an obvious dividing line at I-95, then South Kings Highway, rather than using Fairfax County precinct lines in Clermont and Mt. Eagle that run right through the community on residential streets (Florence Lane and Clermont Rd). Note: for communities-of-interest purposes, a precinct line does not divide a community unless it is used to divide an electoral district, as done in this proposal. Florence Lane and Clermont Road are main streets in their communities with the same style housing on both sides of the street.

In summary, the population of the five “new” district 16 precincts and the three “new” district 17 precincts is comparable. . **Please reconsider the unnecessary precinct shifting** between current district 44 (16 in proposed map) and district 43 (17 in proposed map). There is no public policy reason to split these two high school attendance areas and the Wilton Woods Community. I am grateful for your attention to this matter of importance to these communities. Thank you very much for your consideration.

Mark D. Sickles
Member, District 43
Virginia House of Delegates

From: [William Holladay](#)
To: [Redistricting](#)
Subject: Redistricting Maps
Date: Sunday, December 19, 2021 10:01:33 PM

EXTERNAL EMAIL

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To whom it may concern,

I have lived in both the Roanoke Valley and New River valley and while both areas share a wide range of political ideas, there is vast difference of values that separates liberals in Roanoke and Blacksburg that support baby infanticide from the conservatives in the surrounding counties of Floyd, Pulaski, Montgomery etc.. You know the ones that like to read their bibles, go to church and raise their families... These differences are a good thing because when folks share values with whom they live closer to they are strengthened. This is a natural way of settling differences that our state allows, so consider keeping these districts compact or risk a tangling of opinions that aren't true to their localities.

Also, keeping them compact paints clear picture of the values of Southwest Virginians.

Thank you for your diligence,

Will Holladay

From: [Sarah Jane Newton](#)
To: [Redistricting](#)
Subject: Redistricting Maps
Date: Sunday, December 19, 2021 10:04:23 PM

EXTERNAL EMAIL

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Communities should stay together and be compact along the lines of redistricting. Example: The town of Vinton is in Roanoke County but will be separated from it in the proposed redistricting. Please keep our communities together.

Thank you for your time and consideration of this most important matter.

Sarah Jane Newton

Notice my new email address SarahJaneNewtonN@gmail.com

From: [David Koenig](#)
To: [Redistricting](#)
Subject: Proposed House of Delegates map
Date: Sunday, December 19, 2021 10:09:47 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

I would like to make the following comments about the aforementioned map.

1. Williamsburg has been separated from lower James City County, including Grove. The history of African Americans in the Historic Triangle links the City and Grove, and so they should not be separated.

2. The 69th makes a bizarre move across the York River and picks up a small portion of Gloucester. This is a very different community and should be part of a district that is on the other side of the York River with the rest of Gloucester County.

3. The new maps put Williamsburg in the 71st District, which runs all the way to Providence Forge. Williamsburg has always been part of Hampton Roads. This puts Williamsburg with other communities that extend up into the Richmond area instead of keeping it with other Hampton Roads communities. Bizarre again to

suggest this change.

Thanks in advance for any consideration.

David Koenig
2052 Hornes Lake Rd.
Williamsburg, VA
23185

From: [Shaun Brown](#)
To: [Redistricting](#)
Subject: Comments - Reject the voting maps submitted by the Special Masters
Date: Sunday, December 19, 2021 10:29:02 PM
Attachments: [RedistrictingCommentDecember2021.odt](#)
[RedistrictingCommentDecember2021.odt](#)

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

My comments are below and attached.

December 19,2021

Muriel-Theresa Pitney

Clerk of Court

Supreme Court of Virginia

100 North Ninth Street, 5th Floor

Richmond, Virginia 23219-1315

Dear Madam Clerk:

My name is Shaun Brown, I am a lifelong resident, born and raised in Virginia, attending Brown University, The London School of Economics and St.Hilda's College, Oxford University. I urge this Court to reject the voting maps submitted by the Special Masters because they sharply limit the number of majority-Black Senate and House Districts throughout Virginia.

My first experience with speaking out and fighting the lawsuits and backroom negotiations to dilute the vote of Black Virginians started when I graduated and returned home from Brown University in 1980 soon becoming one of the youngest members of the Democratic Party's Central Committee representing Newport News. On the Peninsula, the City of Newport News, led the way for single member districts at the local level. That set the tone for a single member district fight for House of Delegate seats that would insure not just Black representation but Black representation that reflected the neighborhood, socio-economic and class issues of the community. More than just securing a Black face, the neighborhood and community consensus, was to insure a Black face that was tied to the community. At that time there were several vibrant civic and community organizations throughout the City of Newport News, not just in the Black community. This issue

of the type of Black representation was a problem for the House of Delegate, State Senator, now Congressman Bobby Scott who fought against us in favor of multi-member House of Delegate Districts. The thinking was that there was a need for a Black representative that could better serve the Black communities' interest by using leverage by negotiating an agenda, and placing the needs of all, over the specific needs and issues of the Black community. Congressman Scott intervened and derailed an agreed-upon plan for the drawing of City Council districts in Newport News, under the Department of Justice purview at that time. The City of Newport News was one of the last cities in the United States to integrate its school system.

The local NAACP, former Councilwoman and Mayor, Virginia Democratic Party's Vice Chair Jessie Rattley's public hearing consensus and the Newport News Republican Party all agreed on six single member districts in Newport News with the mayor elected at large. At the time, the mayor was selected by the council. The intervention resulted in three districts (south, central and north) with 2 members each with the mayor elected at large in Newport News which has not always served the Black communities' interest, as anticipated in the 1980s. Congressman Bobby Scott, former Councilmember Charles Allen (now deceased), and local civil rights Attorney Oscar Blayton, we were told, met with the Justice Department officials who were waiting for the public hearing and community meeting outcome. They derailed the agreed on single member district plan.

Today's maps remind us of that same fight from the 1980s, in Newport News and around Hampton's school board seats district lines. Asking the Black community to once again place our issues behind and aside,

reminds me of when I was told early on that the Virginia Democratic Party would concentrate on the needs of the middle-class White Virginians. It was the impact of the then Democratic Leadership Council that

was not in the Democratic Party, but an unofficial effort formed outside of the Party to move the Party to the center. Much of that strategy in moving the Party to the center to break the Republican stronghold

then as it is now undermines the needs of Black Virginians and other protected groups.

During the 1980s until now, I have served as a member, executive committee member, founder or President of many organizations including Newport News' Neighborhood Council 24-34A Inc, (civic organization); Hampton's Coalition for Justice, (statewide civil rights); YWCA of the Virginia Peninsula, board member under 30 and in the 2000s; Candidate for Democratic Nomination, 2nd Congressional District, Virginia 2018, (Certified as a Independent-Ballot Controversy); Democratic Nominee, 2nd Congressional District, Virginia (2016); Progressive Democrats of America 2016; 2016 Bernie Sanders for President National Delegate the Democratic National Convention; Rev. Al Sharpton's National Action Network, Virginia Representative ; Founding Board Member of The Newport News Community Free

Clinic; Save Our Southeast; Restore Inner City Peace (cease fire); as well as continuing to work with numerous candidates for local, state, and national office, including my own runs for city council, the Virginia House of Delegates, 95th District and Congress. I have been on the frontline fighting child hunger, gentrification, police shootings, coal dust environmental racism, police brutality, mass incarceration and fighting for voting rights, small businesses, entrepreneurs, inner city and rural economic development, real local police accountability commissions for each city or county, industrial development, removal of Confederate monuments, jobs, prison reform and affordable housing. These are all issues along with kitchen table issues that can be directly impacted by like minded neighborhood and community focused elected representatives in Virginia at all levels of public office. This is not a new fight. It is an important fight for the very essence proclaimed by the Emancipation Proclamation that took until the 1960s to reach much of Hampton Roads.

Section 2 of the Voting Rights Act prevents “a denial or abridgement of the right of any citizen of the United States to vote on account of race or color.” 52 U.S.C. § 10301(a). Such a “denial or abridgment” occurs if “the political processes leading to nomination or election in the State or political subdivision are not equally open to participation” by members of a protected class “in that its members have less opportunity than other members of the electorate to participate in the political process and to elect representatives of their choice.” *Id.* § 10301(b).

If approved, the Special Master’s maps will reduce the number of Senate Districts to two, and the number of House Districts to five. Reducing majority-African American voting districts by more than half harms Virginia's Black Americans. But again, members of the Court, this is not a new story for Black Virginians.

Yes, I have highlighted the City of Newport News. But again, let us now forget the Emancipation Proclamation some 158 years ago and the harm of not freeing all Black Virginians in now West Virginia, including Berkley, Accomac, Northampton, Elizabeth City, York, Princess Ann, and Norfolk, including the cities of Norfolk and Portsmouth in 1863.

Transcript of the Proclamation

January 1, 1863

A Transcription

By the President of the United States of America:

A Proclamation.

Whereas, on the twenty-second day of September, in the year of our Lord one thousand eight hundred and sixty-two, a proclamation was issued by the President of the United States, containing, among other things, the following, to wit:

"That on the first day of January, in the year of our Lord one thousand eight hundred and sixty-three, all persons held as slaves within any State or designated part of a State, the people whereof shall then be in rebellion against the United States, shall be then, thenceforward, and forever free; and the Executive Government of the United States, including the military and naval authority thereof, will recognize and maintain the freedom of such persons, and will do no act or acts to repress such persons, or any of them, in any efforts they may make for their actual freedom.

"That the Executive will, on the first day of January aforesaid, by proclamation, designate the States and parts of States, if any, in which the people thereof, respectively, shall then be in rebellion against the United States; and the fact that any State, or the people thereof, shall on that day be, in good faith, represented in the Congress of the United States by members chosen thereto at elections wherein a majority of the qualified voters of such State shall have participated, shall, in the absence of strong countervailing testimony, be deemed conclusive evidence that such State, and the people thereof, are not then in rebellion against the United States."

Now, therefore I, Abraham Lincoln, President of the United States, by virtue of the power in me vested as Commander-in-Chief, of the Army and Navy of the United States in time of actual armed rebellion against the authority and government of the United States, and as a fit and necessary war measure for suppressing said rebellion, do, on this first day of January, in the year of our Lord one thousand eight hundred and sixty-three, and in accordance with my purpose so to do publicly proclaimed for the full period of one hundred days, from the day first above mentioned, order and designate as the States and parts of States wherein the people thereof respectively, are this day in rebellion against the United States, the following, to wit:

Arkansas, Texas, Louisiana, (except the Parishes of St. Bernard, Plaquemines, Jefferson, St. John, St. Charles, St. James Ascension, Assumption, Terrebonne, Lafourche, St. Mary, St. Martin, and Orleans, including the City of New Orleans) Mississippi, Alabama, Florida, Georgia, South Carolina, North Carolina, and Virginia, (except the forty-eight counties designated as West Virginia, and also the counties of Berkley, Accomac, Northampton, Elizabeth City, York, Princess Ann, and Norfolk, including the cities of Norfolk and Portsmouth[]), and which excepted parts, are for the present, left precisely as if this proclamation were not issued.

And by virtue of the power, and for the purpose aforesaid, I do order and declare that all persons held as slaves within said designated States, and parts of States, are, and henceforward shall be free; and that the Executive government of the United States, including the military and naval

authorities thereof, will recognize and maintain the freedom of said persons.

And I hereby enjoin upon the people so declared to be free to abstain from all violence, unless in necessary self-defence; and I recommend to them that, in all cases when allowed, they labor faithfully for reasonable wages.

And I further declare and make known, that such persons of suitable condition, will be received into the armed service of the United States to garrison forts, positions, stations, and other places, and to man vessels of all sorts in said service.

And upon this act, sincerely believed to be an act of justice, warranted by the Constitution, upon military necessity, I invoke the considerate judgment of mankind, and the gracious favor of Almighty God.

In witness whereof, I have hereunto set my hand and caused the seal of the United States to be affixed.

Done at the City of Washington, this first day of January, in the year of our Lord one thousand eight hundred and sixty three, and of the Independence of the United States of America the eighty-seventh.

By the President: ABRAHAM LINCOLN

WILLIAM H. SEWARD, Secretary of State National Archives

I ask that you reject these maps in the name of a just life that can only be defined for me by Bible law, because of a liberation theology that was ingrained in me early at age nine when I recall playing hopscotch on my grandmother's sidewalk on 31st Street in Newport News, Virginia. I ran in the house for a cool glass of water passing the television reporting that Dr. Martin Luther King had been killed. I looked up at my grandmother more than once who was seasoning the chicken to fry in the brown paper bag and making hot rolls. Seemingly not phased, the First Gravel Hill Baptist Church Deaconess, Caroline Melinda Rowlett Hill, simply said to me "remember he said that he may not make it there with us". My grandmother had boarded the bus in Newport News, Virginia to attend the "March on Washington in 1963". She had heard Dr. King's "I Have a Dream Speech." As a kid that day in April 1968, I became a part of the "us" in the movement and understood that others had to carry on the fight. We are our brother's keeper and we must possess a righteous anger when people are not treated fairly. This practical wisdom involves what I call a "perpetual sensitivity" to what a situation requires even when it is important to speak to the unequal use of government policies.

Is the promise of a promised land the same for all people? And who are the people? Your decisions in accepting or rejecting these maps will determine who the people are. Do we not have a right to be represented by people who are among us. It is beyond a civil right, it is a human right.

My Virginia Powhatan Confederacy family sought refuge in Black Virginia houses of worship so as not to perish, as a result of the creation of the British Proclamation and line of demarcation in the Western part of the State of Virginia in 1763. That too was a line drawn to “choose the people”, a line that was drawn to keep the colonists east and Native Americans west. This Royal Proclamation of 1763 was very unpopular and angered the colonists. They felt the British wanted to keep an eye on them. By 1840, tens of thousands of Native Americans had been driven off of their land in the southeastern states and forced to go West in the Trail of Tears including my ancestors.

Finally, I ask that this Court recognize the relevance of ancient biblical laws , the foundation of our legal system, dating back to the “chosen people” in the Old Testament and the promise of a promise land in the covenant theology of the Book of Genesis and the Book of Deuteronomy. You will determine the “chosen people” and control the promise of the promise land for Black Virginians in your decision here in the State of Virginia, the home of the first representative government in British North America in what came to be known as the "new world".

My hope is that you follow the 563 Commandment. Judge righteously. (Leviticus 19:15).

Miss Shaun Brown

1 Beatrice Drive

Hampton, VA 23666

757-849-4095

From: [Jim Call](#)
To: [Redistricting](#)
Subject: Additional Comment re Congressional District Map
Date: Sunday, December 19, 2021 10:36:08 PM

EXTERNAL EMAIL

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On December 11, I submitted comments and a congressional district map which built on the work of the special masters. Today I would like to submit a second CD map (12–19) which takes a slightly different approach. It is my hope that one or both of these maps can be helpful to the court and the special masters.

Both maps use the District Builder app and have good compactness scores. They were drawn to better create Communities of Interest (COIs) while preserving “majority minority” districts. They keep the Richmond area in two rather than three districts and keep Charlottesville and all of Albermarle together in District 5. The 12-19 map also keeps Roanoke, Roanoke Co and Salem together in District 9. A significant feature of the 12-19 map is that it keeps all 11 incumbent representatives in their home districts with a majority of their old voters. While this should never be a major goal of redistricting, I view it as a good thing when voters have the chance to vote for or against their current representatives—as long as redistricting is done adhering to legal requirements and without sacrificing other goals such as preserving COIs.

Following is a link to my 12-19-21 map:

<https://app.districtbuilder.org/projects/b284e014-d907-4245-8751-0605612bca75>

James Call
Alexandria, Va

Sent from my iPad

From: [Cassandra Terrell](#)
To: [Redistricting](#)
Subject: Redistricting Battlefield District of Spotsylvania
Date: Sunday, December 19, 2021 10:51:07 PM

EXTERNAL EMAIL

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- Please redraw these districts and include the entirety of the BATTLEFIELD District of Spotsylvania county with DISTRICT 27 and Fredericksburg. Our interests as growing suburb of Fredericksburg would be served. Being placed in a district that will focus on serving the needs of rural Virginians would be a gross mistake and disservice to Battlefield District citizens.
Cassandra Terrell, resident

From: [Linda Cole](#)
To: [Redistricting](#)
Cc: [Linda Cole](#)
Subject: Comments on House Districts 69 and 71
Date: Sunday, December 19, 2021 11:10:02 PM

EXTERNAL EMAIL

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To whom it may concern,

I write in opposition to separating the Grove area of James City County from the City of Williamsburg. Lower JCC and the City have a long history dating back to the foundation of Middle Plantation (Williamsburg's earliest name).

The 69th includes a portion of Gloucester County, which should not be separated from the rest of the county. There are no commonality between the western side of the York River and the eastern side.

The 71st puts the City of Williamsburg in the same district of Providence Forge and extremely rural area running up Route 5 towards Richmond. Again, the City has no commonality with this region.

The Commonwealth has 95 counties and 38 independent cities. There are 100 delegates. Why is it so hard to merge the cities with a nearby county into 100 districts? These folks already are sharing services and governance.

Thank you for the opportunity to comment.

Sincerely yours,

Linda L. Cole
6119 S. Mayfair Cir
Williamsburg, VA 23188

From: [Linda Cole](#)
To: [Redistricting](#)
Cc: [Linda Cole](#)
Subject: Comments on Senate Districts 23 and 24
Date: Sunday, December 19, 2021 11:23:26 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

To whom it may concern:

I am writing in opposition of including the City of Poquoson into District 24 instead of District 23. Poquoson has more in common with Hampton than with James City County and the City of Williamsburg. Many people living in Poquoson work at the NASA facility in Hampton. The citizens of Poquoson shop mostly along Victory Blvd not Merchants Square. Poquoson and Hampton both have issues with recurring flooding. Please include Poquoson in Senate District 23.

Also, there are 95 counties and 38 independent cities in the Commonwealth. There are 40 Senate Districts. Why can't 3-4 counties and cities be combined in one district were there is commonality among the citizenry?

Thank you for the opportunity to comment.

Sincerely yours,

Linda L. Cole
6119 S Mayfair Cir
Williamsburg, VA 23188

From: [William Banis](#)
To: [Redistricting](#)
Subject: Proposed Second Congressional District Map
Date: Sunday, December 19, 2021 11:45:33 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

The Honorable Muriel-Theresa Pitney, Clerk
Supreme Court of Virginia
P.O. Box 1315
100 N. Ninth Street
Richmond, VA 23219-1315

Re: Proposed Second Congressional District Map

Dear Ms. Pitney:

I have been a strong proponent of nonpartisan redistricting to counter the negative effects of partisan gerrymandering and to bring rationality to the drawing of political maps. That said, the rationality of the proposed Second Congressional District Map is lacking. It violates both the Compactness/Contiguity and the Community of Interest Principles.

I see no reason to include the mainly landlocked and rural southside jurisdictions of Southampton County, City of Franklin, Isle of Wight, or City of Suffolk. Adding these jurisdictions to the Second Congressional District creates a district that is neither compact nor contiguous. For example, the distance from Captains Cove, Virginia 23356 on the Eastern Shore, to Great Bridge in Chesapeake, VA, to Suffolk, to Franklin, to Ivor and to Rushmere, Virginia 23430 is more than 200 miles and would take more than 4 hours of driving time. The J-shape of the proposed district resembles a gerrymandered map. The unrelated, non-contiguous rural areas have little in common with the core, interdependent of Norfolk and Virginia Beach.

Norfolk and Virginia Beach are interdependent communities of interest in terms of geography, their economies, military bases and threats from climate change. The water is the prime geographic feature of these two communities of interest - the Atlantic Ocean, the Chesapeake Bay and rivers such as the Elizabeth, Little Creek, Lynnhaven, Lafayette and many inland waterways. All of these waterways link the area and their thriving military, industrial, and tourism uses in both of these adjoining cities. Military bases include huge U.S. Navy installations - Naval Station Norfolk, Joint Expeditionary Base and Naval Air Station Oceana; the Air National Guard at Camp Pendleton; Fort Story Army/Navy joint base; and the Dam Neck Naval Base. The military bases in Norfolk and Virginia Beach bring a large population of active-duty military members and veterans and their families who live in

both cities. In addition, many private companies support active military, veterans, and their families. For example, the private shipbuilding/repair companies along the Norfolk waterfront of the Elizabeth River serve both military and private customers. Furthermore, tourism attracted to Waterside/Town Point Park, the zoo, the Chesapeake Bay and at the Virginia Beach Oceanfront and other beaches, supports restaurants, hotels, retail and entertainment venues. If there is any question about the interdependency of Norfolk and Virginia Beach, simply attempt to navigate the morning and evening rush hours between the two cities. Norfolk and Virginia Beach as interdependent communities of interest should share and anchor the Second Congressional District.

In addition, sea-level rise caused by global warming is affecting the entire region with special urgency for both military installations and residential neighborhoods in Norfolk and Virginia Beach. These cities, along with the Eastern Shore, need to be represented with a single voice in Congress.

In contrast, the largely landlocked and unrelated non-contiguous rural areas of Franklin, Southampton, Isle of Wight and Suffolk do not belong in the Second District. Their inclusion in the crooked J-map is not geographically, commercially or socially necessary. The proposed map is regressive and would do little to advance Congressional representation for the citizens of the current Second Congressional District.

Thank you for your consideration.

Respectfully yours,

William Banis
2300 Nettleford Way
Virginia Beach, VA 23453
847-815-5222
wbanis@gmail.com

From: [Dianna RICHARDSON](#)
To: [Redistricting](#)
Subject: Virginia State Senate District 4
Date: Monday, December 20, 2021 3:18:34 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

TO: Virginia Supreme Court

RE: Move Blacksburg, VA to Senate District 4

Redistricting occurs only once every ten years, so the results of how communities are assigned for political representation impact citizens' lives for a long time. Thank you for all your hard work on this redistricting effort. I appreciate how difficult this task has been, but difficulty does not obviate the need to make the best decisions possible for Virginia citizens.

I live in Montgomery County just outside Blacksburg, VA. From past experiences with redistricting, I know how it feels to be gerrymandered into a district where my political needs are not met. It disenfranchises a person to be placed with communities that are dissimilar as for as legitimate and tangible needs. I am humbly asking for maps to be drawn so that I will have a state senator who will represent the needs of real people who live and work in communities that have similar interests.

I am respectfully requesting that you move the town of Blacksburg into District 4 which reflects the strong community of interest by Roanoke/Salem and Blacksburg. Doing so will allow population equality among the district as well as increasing compactness.

Blacksburg and Roanoke/Salem form a community of interest in several important ways, specifically medical, educational, and transportation. Virginia Tech is the driver of education and research in what would otherwise be the small town of Blacksburg, and in many ways, this makes Blacksburg similar to the much larger cities of Roanoke/Salem. VT has campuses in both Roanoke and Blacksburg, in effect turning the region into a large metropolitan area. Virginia Tech's Fralin Biomedical Research Institute is part of the Carilion partnership and is located at Roanoke's medical facilities. Already in place in the I-81 corridor is the Smart Way Express, a bus service for students and faculty. Also, the airport in Roanoke has Blacksburg in the name, identifying it as a transportation hub for the aforementioned Blacksburg-Roanoke/Salem metropolitan area. Soon, there will also be train service between the New River Valley and the Roanoke Valley.

For all these reasons, it is clear that Blacksburg and Roanoke/Salem are a community of interest. In the future, they will be even more closely aligned. Therefore, their political representation should match the interests of the citizens who live here.

Respectfully,

Dianna Richardson
1431 Breckenridge Dr.
Blacksburg, VA 24060
dirich111@comcast.net
540-250-3344

From: [Dianna RICHARDSON](#)
To: [Redistricting](#)
Subject: House of Delegates District 41
Date: Monday, December 20, 2021 3:20:55 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

To: Virginia Supreme Court

Re: House of Delegates District 41

Redistricting occurs only once every ten years, so the results of how communities are assigned for political representation impact citizens' lives for a long time. Thank you for all your hard work on this redistricting effort. I appreciate how difficult this task has been, but difficulty does not obviate the need to make the best decisions possible for Virginia citizens.

I live in Montgomery County just outside Blacksburg, VA. Please allow me a few sentences about my past bad experiences with district planning. I know how it feels to be gerrymandered into a district where my political needs are not met. Even though I am less than a quarter mile from the Blacksburg town line heading toward Giles County, my community was lopped from the surrounding area and placed in a district with Salem, VA with which I have few or no common interests. One of my HOD representatives even told me that my Blacksburg community issues were of little importance to him because he mainly represented Salem and Roanoke County. I have included this background information because I am afraid I will be in danger of something similar happening for the next ten years if the maps are adopted as presented.

The two towns of Christiansburg and Blacksburg and the city of Radford are the heart of the New River Valley. If you lived here, you would realize that they form a community of interest. Blacksburg and Christiansburg are growing together along U.S. Route 460, and in a few years, the entire eight-mile stretch from Blacksburg to Christiansburg will be one massive community. More and more housing is being built all the time and the shopping area currently extends along the entire 460 route. There are three institutions of higher education, namely Virginia Tech, Radford University, and New River Community College-Christiansburg campus located in the three population centers. There is much cooperation and sharing of programs among these institutions, and their educational objectives, challenges, and needs are very much in sync. These educational institutions truly are communities of interest for the students attending, and those students' interests do not need to be divided. In the same vein, these three institutions are employment centers, and the Virginia Tech Corporate Research Center additionally hires people who live in Radford and Christiansburg as well as Blacksburg. In terms of transportation, these three communities are tied together by bus services currently, but soon, will also be served by Amtrak that will

have a station halfway between Blacksburg and Christiansburg and a short distance from Radford.

It makes no sense to separate Blacksburg from Christiansburg and Radford, putting it into a very rural district with Craig County and a large part of Roanoke County. The aspirations and needs of these rural areas are not congruent with Blacksburg. I respectfully request that you reassess your map drawing for District 41.

Thank you,

Dianna Richardson
1431 Breckenridge Dr.
Blacksburg, VA 24060
dirich111@comcast.net
540-250-3344

From: [Nicholas Proffitt](#)
To: [Redistricting](#)
Subject: Comments on Chesapeake Maps
Date: Monday, December 20, 2021 5:30:05 AM

EXTERNAL EMAIL

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Congressional- Thank you for not lumping any portion of Chesapeake, which is firmly part of Hampton Roads, in with Richmond. The current split in Chesapeake between the 2nd and 3rd makes sense however, it would be better if you could move the Greenbrier Middle, Cypress, and Westover precincts into the second. This would unite the Greenbrier section of Chesapeake and eliminate the current neighborhood splits between the 2nd and 3rd.

State Senate- Swap the Parkways precinct and the Deep Creek precinct between SD 18 and SD 19. This would eliminate split neighborhoods while helping to better preserve communities of interest. The Chesapeake portion of SD 18 should be split with the Eastern portion being in a district with Norfolk rather than Portsmouth.

State House- Both the South Norfolk and Indian River communities in Northeast Chesapeake are unnecessarily split between HD 91 and HD 92. South Norfolk and Indian River should both be kept whole in a Delegate District.

Thank you,

Nicholas Proffitt
Chesapeake Resident

From: [J.P. Welch](#)
To: [Redistricting](#)
Cc: [David Suetterlein](#)
Subject: Redistricting Maps
Date: Monday, December 20, 2021 6:00:56 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Dear Ladies and Gentlemen,.

We don't need long, nonsensical districts to achieve some racial, ethnic, religious, age, height, or weight constituent "balance". Districts should be tightly compact. We choose to live in an area because we like the area and generally possess the same values and interests.

While Roanoke and Blacksburg (where I was fortunate enough to attend college) may be geographically close, the interests of a now liberal college town and clear-thinking Roanokers are dissimilar. We don't need any district modeled after one extending from Richmond to the Chesapeake Bay area.

Please stop the nonsense. Thanks.

JP Welch

From: [Julie King](#)
To: [Redistricting](#)
Subject: Redistricting
Date: Monday, December 20, 2021 7:33:30 AM

EXTERNAL EMAIL

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I approve the changes.
Julie King
Williamsburg

From: [Catherine Fletcher](#)
To: [Redistricting](#)
Subject: redistricting/comments on Special Masters" maps
Date: Monday, December 20, 2021 7:53:15 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Dear Virginia Court Representative,

My name is Catherine Fletcher and I am a voter from Norfolk. I am writing regarding the redistricting maps drawn by the Special Masters and presented on Dec. 8.

First let me say that, as a citizen, I have been pleased by the greater transparency in the redistricting process offered by the commission than in the previous method where the maps were drawn by the General Assembly. I thank the commission for their efforts.

Regarding the maps drawn by the court-appointed Special Masters, I realize these maps have come about due to deadlock in the commission. I respect the expertise of Dr. Grofman and Mr. Trende. However, I am concerned about several issues with the new maps:

--They split up communities of common interest across the commonwealth—e.g. the military community was split into US House District 2 and 3 in Hampton Roads; suburban communities in Chesterfield County were redrawn into rural communities to their south and west (proposed District 5) rather than paired with similar communities in Henrico; this works in opposition to previous public comments, in which Virginians voiced interest in keeping our communities together.

--They place two Black state senators, L. Louise Lucas (D-Portsmouth) and Lionell Spruill (D-Chesapeake) in the same new district and may be a violation of the Voting Rights Act.

--They create disadvantages and undercut minority representation in areas in Northern Virginia and southeastern Virginia where the census notes the commonwealth's population grew most, chiefly non-white voters.

--They leave Reps. Spanberger and Luria out of their own districts and threaten the incumbency of Rep. Wexton. This creates the possibility of leaving Virginia with no female incumbents in Congress. As a woman, this worries me greatly in the current political climate.

I voice my support for the proposed Farkas Map, outlined in the materials by the Elias Law Group, as an alternative. That map apportions our population equitably and preserves communities of interest. It also preserves the incumbency of the congresswomen.

Thanks very much for your time. Should you need to reach me, please contact me at the above email address.

Sincerely,

Catherine Fletcher

From: [Patricia Condle-Boyd](#)
To: [Redistricting](#)
Subject: Proposed redistricting changes to the 69th and 71st districts
Date: Monday, December 20, 2021 7:57:05 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

I would like to express my disagreement about the proposed redistricting of districts 69 and 71 for the following reasons. My husband and I believe people vote because they feel vested in the issues of the communities and surrounding geographic areas where they live. If as they say "you don't have any skin in the game," you may lose many voters who will feel that their votes don't matter if you split these districts as the proposed changes indicate. Williamsburg is tied to the Peninsula culturally, economically, academically, socially, historically, and environmentally. To tie us to Richmond and Gloucester through arbitrary political districting does not make a strong case unless this decision is based on something sinister and underhanded. It is deplorable to me as a retired political science teacher to watch this happen. Shame on the proposers of such a plan. It doesn't make sense.

Respectfully submitted,
Patricia Condle Boyd and Donald Boyd

From: [Tamara Hinton](#)
To: [Redistricting](#)
Subject: Virginia Redistricting Concerns/Submitted Comments
Date: Monday, December 20, 2021 7:57:20 AM

EXTERNAL EMAIL

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**Public comments submitted by Tamara Hinton,
Staunton City resident to
redistricting@vacourts.gov**

I strongly oppose breaking Augusta County in half and separating its two independent cities from District 2. Staunton, Waynesboro, and all of Augusta County should be retained in District 2 as communities of interest, public school districts, regional school divisions, watersheds, economic development partnerships, cultural heritage and agriculture. These communities are strengthened by sharing representation in one Senate district and it would represent a significant loss to change that. Senator Hanger has represented this area well and has been a great champion for our communities.

**Sincerely,
Tamara Hinton**

Comments submitted to the Virginia Supreme Court regarding redistricting
December 19, 2021
By Tony DeTora, Stafford County voter

This comment responds to three of the newly proposed districts:

- New Congressional District 7 (all of Prince William, Manassas, Manassas Park, Fredericksburg City, Stafford and parts of Fairfax County and Spotsylvania),
- New State Senate District 29 (parts of Stafford and Prince William), and
- New House of Delegates District 23 (parts of Stafford and Prince William).

These districts do not represent communities of interest, and include a significant physical barrier, Marine Corp Base Quantico, creating a discontinuity between Prince William County in Northern Virginia to the north, and Stafford County in the Rappahannock Region to the south.

These districts should be cut at the Prince William-Stafford border, and the northern areas and southern areas redrawn into districts that better align with the interests on either side of that border.

Background

The Special Masters inherited the eight regions identified by the University of Virginia's Weldon Cooper Center as a starting point. These regions presumably serve the Weldon Cooper Center well for their work, but for properly analyzing the communities of interest for these counties and cities, they fail to capture both the everyday lived experiences of people and boundaries shaped by a man-made feature, Marine Corp Base Quantico (MCBQ).

In some ways Stafford, Fredericksburg, and Spotsylvania share qualities with Northern Virginia, but not in the ways that most fundamentally matter to the communities on either side of the Prince William-Stafford border, and specifically not in actual shared interests, programs, and services.

Pairing Prince William and points north with Stafford and points south, may be understandable, given the inherited starting material, but drawing them into the same districts is an error and should be corrected before the maps are finalized. These districts should be cut at the Prince William-Stafford border, which gives due respect to each county and its jurisdiction, and the northern areas and southern areas should be redrawn into districts that better align with the interests on either side.

The New 7th Congressional District presents a significant change for Stafford, Fredericksburg, and Spotsylvania from the current districts and from maps previously under consideration by the Commission. This new district fails to consider the long-standing relationships these localities hold with the counties surrounding them in the Rappahannock Region. As for Stafford's regional interests and affiliations, almost all are with communities to the east, south, or west rather than to the north.

The original error of lumping these localities into Northern Virginia for the New 7th Congressional District is compounded by the nesting feature, which is intended to consolidate representation of communities of interest. In this case, the nested Senate Districts and House of Delegates Districts deepen the error, multiplying the impact on these disconnected communities.

Contiguity and Geographic Barriers

Prince William County and Stafford County are separated by a large Federally Managed Military Base known as Marine Corps Base Quantico (MCBQ). While this type of facility is not the typical geographic barrier, it is a very real one.

MCBQ runs almost the entire length of the border between Prince William and Stafford counties and provides more than 50,000 acres of separation between them. MCBQ inhibits many of the normal interactions between counties that cause them to have communal interests.

MCBQ is not generally accessed by the general public and offers the general public no traversing roads through the base. Therefore, naturally, this barrier has resulted in the development of significant differences in the culture and interests. MCBQ is a formidable social, cultural, and lifestyle barrier, preventing the kinds of interaction that can create a real shared community.

Communities of Interest

To be sure, there are interactions between the people of these counties and regions. I-95, Route 1 and the VRE trains connect the two counties like a bridge, or a mountain pass connects two areas across a mountain or large body of water. While some connections exist, they are much weaker and less important to Stafford and Prince William than their links with other neighboring counties and cities.

When Stafford works with its regional counterparts, it does not look north. And Prince William does not look south.

Stafford's "community of interest" is shared with Fredericksburg, Spotsylvania, Caroline, King George, sometimes Fauquier, Culpeper, and other counties in the Rappahannock Region. We share libraries, landfills, service districts, planning organizations, and a chamber of commerce with these other localities, but not with Prince William.

While Stafford is near Northern Virginia, and many of our citizens commute into Northern Virginia locations, Stafford is not part of the Northern Virginia culture. Stafford generally does not share Northern Virginia's regional interests, and Northern Virginia does not share Stafford's.

Most of the stable Stafford population is either those who grew up here, or those who moved here specifically to get away from Northern Virginia. Most of the transient population is made up of military families who move to the region for a few years for work at MCBQ, or Dahlgren, or the Pentagon, or Fort A.P. Hill, or one of the other installations between Richmond and Washington D.C.

We can examine Stafford County's view of communities of shared interests. Reviewing the Stafford County website, the following ten items are linked on the "Schools and Regional Groups" section (https://staffordcountyva.gov/government/schools_and_regional_groups/index.php), providing Stafford's most important regional affiliations:

1. Stafford Schools - limited to Stafford.
2. Central Rappahannock Regional Library (CRRL) - a regional library system that includes the City of Fredericksburg, and Stafford, Spotsylvania, King George, Louisa, and Westmoreland counties.
3. Fredericksburg Area Metropolitan Planning Org. (FAMPO) - FAMPO's mission is "to assist with the development of regional transportation plans for the Fredericksburg area." FAMPO is staffed and funded through the George Washington Regional Commission (GWRC). (see below for more on GWRC)

4. Fredericksburg Regional Transit - serves bus lines in the City of Fredericksburg, and Stafford and Spotsylvania counties.
5. George Washington Regional Commission - GWRC "facilitat[es] local government cooperation in addressing, on a regional basis, problems of greater than local significance, and provides a broad array of services for the benefit of the 372,000 residents of Planning District 16. Our current areas of focus include economic development, environmental services, human services (including homeless services support), affordable housing, transportation demand management, and rural and urban transportation planning." Planning District 16 is composed of the City of Fredericksburg, and Stafford, Spotsylvania, King George, and Caroline counties.
6. Germanna Community College - Community college serving the City of Fredericksburg, Stafford, Spotsylvania, Orange, and Culpeper counties.
7. University of Mary Washington - Virginia public university, with a main campus in the City of Fredericksburg, with a campus in Stafford County, and with a campus in King George County.
8. Rappahannock Area Health District - Virginia Department of Health district that provides medical, environmental, and public health services to residents of the City of Fredericksburg, and Caroline, King George, Spotsylvania, and Stafford counties.
9. The R-Board (Landfill and Recycling) - a regional solid waste management board which serves the City of Fredericksburg, and Stafford County.
10. Virginia Railway Express (VRE) - the VRE is a commuter rail service with two service corridors: Spotsylvania County to Washington D.C. and Bristow (Prince William County) to Washington D.C. VRE is co-owned by two regional transportation commissions: the Potomac and Rappahannock Transportation Commission (PRTC), and the Northern Virginia Transportation Commission (NVTC). PRTC provides for public rail and bus systems for Prince William County, Manassas city, and Manassas Park city, and public rail for the City of Fredericksburg, Stafford, and Spotsylvania counties.

Of the nine regional groups important enough to be listed on the Stafford County government website, only one group includes Prince William County. That group (VRE) is only half-owned by the PRTC. Stafford, Fredericksburg, and Spotsylvania counties only participate in half (rail service) of the PRTC activity.

Additional research yields more examples:

11. Region 7 of the Virginia Association of Counties (VACo)



12. Virginia Department of Transportation (VDOT) Fredericksburg District.

► Fredericksburg District

Fredericksburg is made up of 14 counties, spanning from Stafford to Spotsylvania on the western end to Mathews and Gloucester on the eastern border.

More than 5,200 miles of roadway run through this district.

This includes almost 800 miles of primary roads, more than 4,300 miles of secondary road, and more than 46 miles of interstate roadways.

Fredericksburg District

87 Deacon Road
Fredericksburg Virginia, 22405
540-899-4288

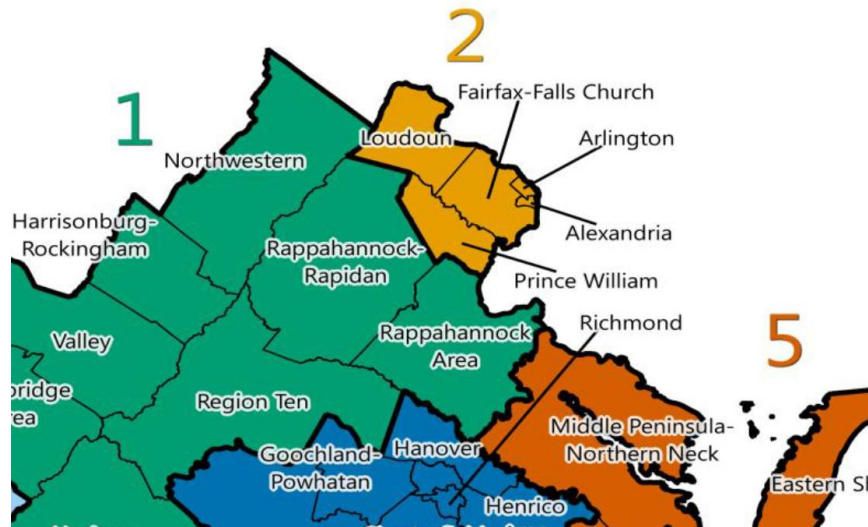
Marcie Parker, P.E., district engineer



13. GO Virginia Region 6

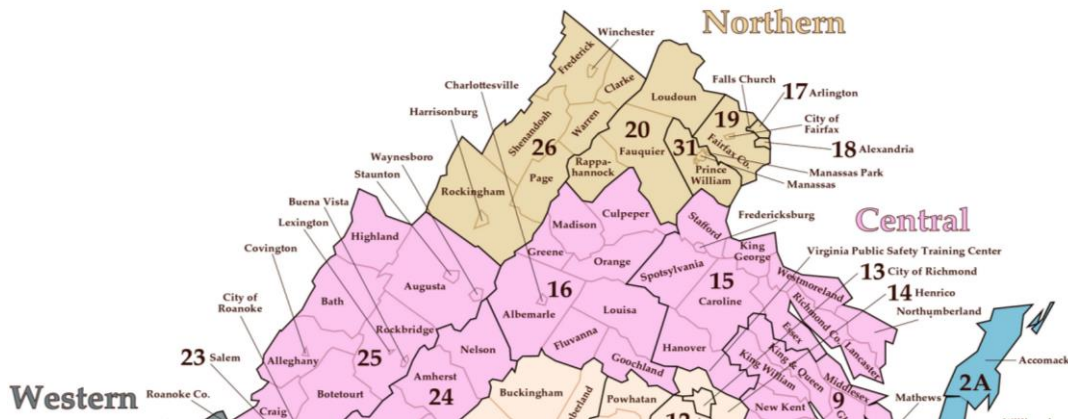


14. Rappahannock Area Community Services Board



15. Virginia Department of Juvenile Justice

COURT SERVICE UNITS (CSU)

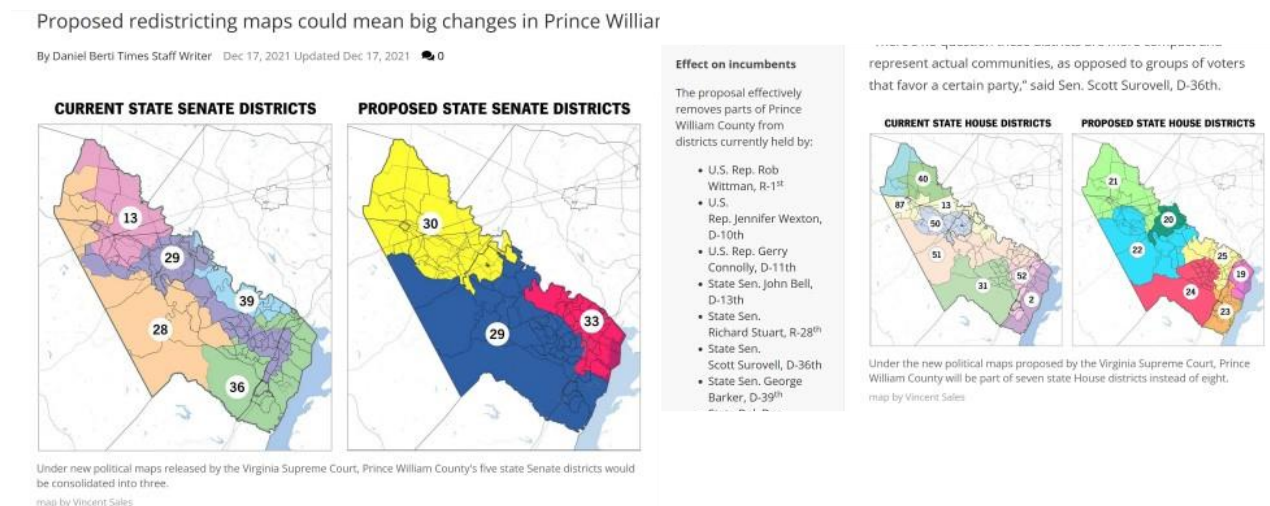


In almost every case of a regional service, district, or area, Stafford County is fully split from Prince William County and the rest of Northern Virginia at MCBQ. This is not an accident. This is not a weird artifact. It is reality. These are physically separated entities with separate interests, and despite a few similarities, mostly superficial, the two are not communities of shared interest.

A detailed analysis of Prince William County would yield that they do not consider Stafford County, or other points south, to be communities of interest, peer counties, or part of Northern Virginia.

Prince William County is part of the Northern Virginia culture. That culture includes Alexandria, Arlington, Fairfax County, Fairfax City, Manassas, Manassas Park, and Loudon. Many of us moved to Stafford specifically to get away from that culture in our home lives. Even those of us who can't fully cut ourselves off from it in our professional lives. Even Prince William's form of local government differs from Stafford's because it serves their interests in ways that certainly wouldn't serve ours.

One particularly stark demonstration is seen in local print media. I subscribe to my local paper, the Free Lance Star, centered on Fredericksburg and also covering Stafford, Spotsylvania, King George, Caroline, Orange, and other regional counties. The Prince William Times serves Prince William. They ran an article this week on the redistricting maps and could not even be bothered to include the Stafford portions of the proposed districts (or current districts) in their maps:



It is important to the people of Stafford County to have their representatives share their actual interests. As we've seen, Prince William and Stafford might be better classified as "communities of disinterest."

Conclusion

Under the proposed map, the New 7th Congressional District would include Prince William, Manassas, Manassas Park, Fredericksburg City, Stafford, and parts of Fairfax County and Spotsylvania. This New 7th Congressional District should be cut at the Prince William-Stafford border, and the northern areas and southern areas redrawn into districts that better align with the interests on either side of that border.

Under the proposed map, the New 29th State Senate District would include part of Prince William County and part of Stafford County. This New 29th State Senate District should be cut at the Prince William-Stafford border, and the northern areas and southern areas redrawn into districts that better align with the interests on either side of that border.

Under the proposed map, the new 23rd House of Delegates District would include part of Prince William County and part of Stafford County. This New 23rd House of Delegates District should be cut at the Prince William-Stafford border, and the northern areas and southern areas redrawn into districts that better align with the interests on either side of that border.

From: bvr@reagan.com
To: [Redistricting](#)
Subject: Redistricting Maps
Date: Monday, December 20, 2021 8:05:00 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Ms Alisa W Padden,

The proposed redistricting map that will combine central Virginia districts with northern Virginia will eliminate equal representation of voters in central Virginia. Northern Virginia is dominated by the Democrat party therefore creating disenfranchisement of conservative voters in the current 5th district. This division is unfair and must not be used.

Thank you ,

William Van Ryn

From: [Kevin Nelson](#)
To: [Redistricting](#)
Subject: DISAPPROVAL OF THE REDISTRICTING MAPS PROPOSED BY THE COURT'S SPECIAL MASTERS
Date: Monday, December 20, 2021 8:14:38 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

My name is Kevin G. Nelson. I live in Midlothian, Precinct 504, in Chesterfield County. I relocated to central Virginia in 2014 when I was appointed President of Porvair Filtration Group, Inc., a leading manufacturer of sophisticated, highly engineered filtration products for the aerospace, nuclear, chemical process, bioscience, and semiconductor industries. My wife and I chose to live in Midlothian due to its proximity to Richmond, as we often attend sporting events at the local universities as well as the concerts and theatrical events the city offers. In 2016, after considering other states, I decided to keep our rapidly-growing business in central Virginia and opened our brand-new, state-of-the-art North American headquarters here. I made this decision in consideration of our existing workforce, our ability to attract new employees from the local colleges, access to I-95, I-85, and I-64, and easy access to the Richmond International airport.

I object to the new redistricting map proposed by the Special Masters. Splitting Midlothian away from greater Richmond and the rest of Chesterfield County makes no sense, and it is contrary to the "Communities of Interest" standard. Their plan puts us in a new House of Delegates 72nd district with people living in rural counties whose priorities do not revolve around our urban concerns, not to mention issues that Porvair and other manufacturing companies face, such as supply chain problems, hiring skilled engineering and manufacturing labor, and infrastructure and logistics concerns.

For the reasons listed herein, I request that preferential consideration be given to the Farkas map as an alternative redistricting plan.

Regards,

Kevin G. Nelson
3542 Highbridge Dr.
Midlothian, VA 23113

Remarks by Michael McClary for the Redistricting Public Hearing before the Supreme Court of Virginia, December 15, 2021, and Revised Comments for Subsequent Consideration for Potential Revisions to the Work of the Special Masters, submitted on December 20, 2021

- My name is Michael McClary, and I am a native Virginian, having lived my entire life here, except when I was away in the Army. I would like to thank the honorable justices for giving me the opportunity to comment on the work of the Special Masters in revising Virginia's Congressional and General Assembly districts after the commission failed so miserably.
- I am a West Point graduate, a Vietnam combat veteran, and a retired Federal senior executive. I grew up in the Piedmont and I have lived in Central Virginia for 35 years and in Culpeper County for the past 12.
- I commend the Special Masters for their very admirable work, but I believe there are still many issues that must be addressed.
- Many others have spoken and have written quite eloquently about what has been done to Henrico, Chesterfield, Spotsylvania, Louisa, and Albemarle Counties.
- In discussing their methodology, the masters mention the word "Culpeper" only once, and "Piedmont" only twice. We in Culpeper are horrified to know that others consider us part of "Northern Virginia." The current 7th Congressional District is not mentioned at all. It's as though we never existed. Central Virginia has been a community of interest for many, many years, and now it has been completely eliminated and scattered among other proposed districts with which it has little in common.
- Loudon County, the megalopolis anchor of the proposed 10th Congressional District is essentially a part of that northern region that is completely focused on the federal city of Washington, DC.
- The rest of us pride ourselves on our rural heritage, and our focus on agriculture, timber, natural resources, and our small-town environments.
- Loudon County's mostly urban population numbers more than 413,000 – more than twice the combined populations of Fauquier, Rappahannock, Culpeper, Madison, Orange, and Greene Counties, and the rural portions of Albemarle and Spotsylvania Counties that have been allocated to the new 10th District.
- This, and its number of registered voters dwarf the entirety of the rest of the district, thereby effectively disenfranchising the rest of us.
- We have nothing in common with Loudon County. We don't go to Loudon County for anything. Instead, we almost always, and exclusively, go to Charlottesville or Fredericksburg for shopping, dining, healthcare, services, and recreation. Loudon, far to the north, is in a galaxy far, far away.
- Locally, in past elections, the Town of Culpeper and Culpeper County have had 16 different ballots because of the way the county has been split up among 3 Senate districts and 2 House of Delegates districts. It creates a nightmare for our Registrar of Elections every time we go to the polls.
- In this iteration, the planners had the good sense to put all of Culpeper County into one Senate district. They should do the same for the House of Delegates. The Rappahannock and Rapidan Rivers form natural boundaries of a single community of interest, and that is the Culpeper County community that surrounds the town of Culpeper. That's where we all go to shop, dine, and participate in community events and recreational opportunities. We share many common holidays and celebrations with Madison and Orange, often participating in each other's events. Not so much with Rappahannock, Fauquier and Greene Counties.
- It would make more sense to me to include the entirety of Culpeper County in the new House of Delegates District 62, and move Greene County to District 55, as it is very closely associated with Charlottesville and Albemarle County, not the counties to its north.
- Finally, and crucially, in this day and age, it is simply unacceptable to revise our districts with the effect of disadvantaging all three of Virginia's women members of its Congressional delegation, and in particular, completely removing Congresswoman Abigail Spanberger from the present 7th Congressional District, and the 10-county constituency for which she has been working so arduously for the past four years. Not only that, but she has also become quite well regarded by members of both sides of the aisle for working effectively and in a bipartisan basis.

Her legislative accomplishments have been significant, and she has become renowned for the effectiveness of her district services to 7th District residents. To gerrymander her out of her district is simply outrageous.

- I join with the other speakers in urging the Supreme Court to reconsider the dismantling of our 7th Congressional District. Geography doesn't vote, people vote. I thank the Court for the opportunity to comment on this important process.

From: [Barbara Woodlee](#)
To: [Redistricting](#)
Subject: Second District
Date: Monday, December 20, 2021 8:36:34 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

I urge your reconsideration of changes made to the Second District. I believe we should maintain our military community as it now exists, a community that is critical to the economic well-being of our region. Our Chesapeake Beach neighborhood borders Naval Station Little Creek, who works with us on recurring flooding among other issues. Our collective voices have been impactful in resolving problems.

I am concerned, also, about the impact of redistricting on women leaders, as we work to increase our participation in such key roles. We have enjoyed highly effective leadership in the Second District, which we value greatly.

Again, I urge your reconsideration. Thank you for the opportunity to comment.

Barbara Woodlee
4808 Zivo Court
Virginia Beach, Virginia 23455
barbarawoodlee@gmail.com

From: [Major Security](#)
To: [Redistricting](#)
Cc: [Jones Michael](#); [Jones Chief Mike](#); [Clerk Hurt Town](#); [Brumfield Ellen](#)
Subject: Town of Hurt VA Redistricting Recommendation
Date: Monday, December 20, 2021 8:36:36 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

My name Mike Jones and I serve as the Deputy Town Manager and the Director of Public Safety & Emergency Management for the Town of Hurt Va. We are a community that is coming “back to life” and economic development and regional cooperation is extremely important to our present and our future. We have been the victims many times of failed gov't policies in the past that gutted the economic heart of our community and essentially ignored us.

The plan that you have included us in takes away so many good things including the cooperation, collegiality and the community of like interests that is so vital to our survival.

The localities that you have lumped together have no common interest in Hurt or northern Pittsylvania County. They have shown no interest in us in the past. The Town of Hurt has rebounded thanks to new Hurt centered town leadership, supported by the leadership and staff of Pittsylvania County and the residents of the our town and county. We also pay taxes to Pittsylvania County in addition to town taxes.

Your plan takes our political influence out if our community of like interests and places us with strangers when it comes to knowing our needs, wants and limitations .

Staying in our current district will serve us and our partners with a combined economic and leadership team that is looking to help make Hurt the shining star of Northern Pittsylvania county.

Your plan dilutes and fragments our abilities to manage our own destiny and places us into a district where we are essentially strangers.

Please leave us alone and let us stay in our current district that will allow us to continue improving the lives of our citizens and the viability of a town that was near death. We have worked very hard to get where we are now and we have established strong and effective team relationships with our county.

We do not want or need to be placed into a district that will not serve the interests of our citizens, our Town and our county. Putting us in the proposed district fractures all the work we done to bring Hurt back to life. No one has asked our opinions about this change and that is one thing that a small town struggles with - being heard by Richmond.

Please strongly consider “leaving us in our district that is working for us” and don’t place us into a district that we have nothing in common with. We are geographically separated by the Staunton River as well as community culture and cooperative county government. Our efforts to attract business & industrial interests are well served by what we have now.

Simply put, the proposed plan to put us into a new district that we have little ties or history working together will greatly damage our Town.

Thank you for seriously considering our very real concerns and don’t undo years of our efforts to bring our town back.

Sincerely,

Mr. Michael A. Jones, M. S.

Deputy Town Manager & Director of Public Safety & Emergency Management for the Town of Hurt VA.
804-350-1672

From: [Richard Bell](#)
To: [Redistricting](#)
Subject: Approve the maps.
Date: Monday, December 20, 2021 8:37:33 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

I can think of no perfect plan for redistricting that would leave all citizens, voters or politicians completely happy or even in total agreement with one another. At best, drawing new district lines can only achieve more fairness than continued gerrymandering designed to preserve political careers. If Virginians truly want an impartial map drawn then approval of the maps drawn by these two masters is likely the closest you will get.

As a former delegate who served a decade in a gerrymandered district I am not afraid to say that I believe the term "non partisan" no longer applies; "impartial" seems much more practical and more likely to accomplish. That, of course, will require sacrificing some sacred cows. I encourage you to accept the maps as drawn, and wish you much success in your endeavor.

Sincerely,
Thew Honorable Richard P. "Dickie" Bell
Former Delegate - 20th House District

From: sarafitz@aol.com
To: [Redistricting](#)
Subject: Thanks for your dedication to a fair and transparent process
Date: Monday, December 20, 2021 8:45:53 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

To the Supreme Court:

As the comment period for the redistricting process draws to a close, I want to commend the members of the Court for the commitment they have shown to a new, fairer, more transparent redistricting process for the Commonwealth of Virginia.

I have worked on redistricting reform for close to 15 years. Many of us were disappointed when the new redistricting commission broke down over partisan lines. But I have been pleased by the approach taken by both the retired appeals court judges who appointed the citizen commission members, as well as the decisions of the Supreme Court since the Court was required to take over the process. Although many persons argued that redistricting would inevitably take a partisan tilt if it ended up in the hands of the Court, you have dispelled that notion with your conscientious rejection of overly partisan nominees for special master, and your participation in public hearings and review of public comments.

Recent election results demonstrate that Virginia is still a very competitive state politically. Its geography and historic political boundaries also make it more challenging to redistrict than some states. It will, in the end, be impossible to please everyone. Arguably, several previous rounds of political gerrymandering created districts that were so indefensible that setting the boundaries straight again will inevitably lead to incumbents facing incumbents, and other legislators choosing to retire rather than to move. I, for one, would be very sorry if Virginia were to lose the three talented Congresswomen it currently has, but I also recognize that the protection of districts in which they can win is not a valid criteria for drawing maps. However, promoting competition where the potential for competition exists, preserving communities of interest

and jurisdictional boundaries, and drawing districts that are compact and contiguous ARE all appropriate goals.

We will have another decade to consider whether we should approve a new constitutional amendment to create a redistricting commission that is less partisan and more independent of the legislature than the one we put in place. The Court itself may have some views on this. In the meantime, thank you for doing your part to make this year's process certainly fairer and more transparent than it has been in the past.

Sara Fitzgerald
Falls Church, Virginia

From: [Bob McDonnell](#)
To: [Redistricting](#)
Cc: [Bob McDonnell](#)
Subject: Redistricting map comments
Date: Monday, December 20, 2021 8:47:30 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Supreme Court of Virginia
100 North Ninth Street, 5th Floor
Richmond, Virginia 23219-1315

Dear Madame Clerk:

Protecting and enhancing the voting power of historic minorities in this country is a very important public policy goal. Protecting the American franchise of “one person one vote” is also important. Reducing hyper partisan gerrymandering is an important aspiration of an increasing number of Virginians. It is a factor I considered when vetoing initial redistricting legislation proposed by my own Republican controlled legislature a decade ago.

I write to reply briefly to the filing of the Elias Law Group in this matter. Marc Elias is a Democratic election law attorney who has represented such prominent Democratic candidates as Terry McAuliffe and Hillary Clinton. Mr. Elias is the leader of a national Democratic Party effort to influence the outcomes of state redistricting processes through lawsuits and he has been heavily engaged in redistricting in Virginia in the past.

In 2014, Mr. Elias brought a lawsuit challenging Virginia’s previous House of Delegates map as an unconstitutional racial gerrymander. After several years of litigation, he succeeded in obtaining a court order requiring the redrawing of a dozen state House districts which ultimately reduced the Black voting-age population (BVAP) in each. Three Black delegates lost their races for reelection last month running in districts that were redrawn as a result of Mr. Elias’s lawsuit. Adopting his recommended changes to the special masters’ proposed congressional map could further reduce Black representation, currently 2 of 11, in the Commonwealth.

Mr. Elias submitted his proposed congressional map on behalf of James Farkas, who was Elias’s client in another lawsuit challenging Virginia’s previous congressional map. That litigation also succeeded forcing a redrawing of maps, which ended in the elimination of the Commonwealth’s only majority-minority congressional district. The pattern and message is clear: This Court should avoid creating any majority-minority

congressional districts, or Mr. Elias will bring a legal challenge using the same plaintiff as last time. Mr. Elias professes a concern that the special masters' proposal will harm minority communities even as he proposes an alternative map featuring *zero* majority-minority districts. The last time a court accepted Mr. Elias's contentions concerning redistricting in Virginia, Black incumbents lost. This Court should reject Mr. Elias's recommendations or risk Virginia's Black representation in the U.S. Congress diminishing as was seen in the House of Delegates.

Virginia's Black voting-age population stands at approximately 20 percent of its total voting-age population. Given this number, one would expect about two congressional districts featuring a BVAP exceeding 50 percent on a map drawn pursuant to neutral redistricting principles. The special masters' proposal includes two districts with BVAP exceeding 40 percent (the Third and Fourth Districts) but none in which Black voters constitute an outright majority of voters. One might slightly increase the BVAP in these two districts to get them over 50 percent in order to increase the likelihood that Black representatives will be elected, but Mr. Elias urges a different approach.

Mr. Elias recommends complete changes to the special masters' proposal, claiming that it is clear that "their first and predominant consideration . . . was race." Elias Letter at 19. Yet the special masters' proposed Third and Fourth Districts do not differ that much demographically from their current iteration, which Mr. Elias admits "has proven more than sufficient for the Black communities in those districts to elect the candidates of their choice." *Id.* at 4. The special masters have proposed a plan in which the Fourth District would have a BVAP of 45.3 percent and the Third a BVAP of 44.5 percent, as compared to 40 and 47.2 respectively on the current map. In other words, the special masters have created two "minority opportunity" congressional districts in which black voters constitute a plurality but not a majority of voters.

Mr. Elias's plan substantially *reduces* the BVAP of the Third District and leaves the BVAP of the Fourth relatively unchanged, creating a map that could lead to reduced minority representation in Congress. Mr. Elias proposes reducing the black voting-age population in the Third District by more than five percentage points to less than 42 percent, while failing to raise BVAP higher than 40 percent in the Fourth (as compared to the special masters' proposed gain of more than five percentage points in that district). To simplify: The special masters propose two districts with BVAPs around 45 percent, and Mr. Elias proposes two districts that are both closer to 40 percent. Mr. Elias apparently seeks to reduce Black voting power in order to expand Black representation, which does not seem logical.

These proposed changes are not made any more explicable with reference to communities of interest. Mr. Elias recommends carving the heavily Black City of Norfolk out of the Third District and placing it with Virginia Beach in the adjacent Second. The last Virginia congressional map that placed the entire City of Norfolk

in the same district as Virginia Beach was the one adopted by the General Assembly in 1981, indicating that several generations of Virginia elected officials in both parties have interpreted their communities of interest differently. He also persists in trying to draw the district lines in Hampton Roads on a north-south basis, when it is clear by looking at the orientation of interstate highways and patterns of settlement in the region that the real divisions between communities of interest run east-west. The special masters' proposal recognizes this reality by using the Hampton Roads Beltway as the natural dividing line between the Second and Third Districts. Mr. Elias seeks to create communities of interest because he arbitrarily believes that a Black voting-age population around 45 percent in two districts is too high.

None of this would matter if not for the fact that Mr. Elias's proposed changes could have an adverse impact on Black representation in Congress. As mentioned, Mr. Elias's previous lawsuit succeeded in getting a dozen House of Delegates districts redrawn with lower BVAPs to rectify an alleged racial gerrymander. The districts were redrawn to make them less Black, and then, in the most recent election, three black delegates running for reelection in those districts were defeated—one-fifth of all the black members currently serving in the House. Black representation could decrease again if that process and logic were repeated for the Congress.

While only future elections will show whether the special masters' proposal would expand Black representation, a Black delegate lost her race this year after Mr. Elias's lawsuit dropped her BVAP from 58% to 47%. It is obvious that Mr. Elias's proposal could sacrifice Black elected officeholders. Reducing the Black voting-age population in certain districts to the 40-42 percent range substantially increases the chance that Black members will not be elected. It is especially true when it follows the retirement of a well-known person like Rep. Bobby Scott. Mr. Elias's plan unfortunately seems to be an attempt to use allegations of racial gerrymandering to force the Court to approve what is actually a partisan gerrymander.

The Virginia Constitution, as overwhelmingly amended by the people of Virginia in 2020, requires map drawers to "provide, where practicable, opportunities for racial and ethnic communities to elect candidates of their choice." Va. Const. Art. II, § 6. It is clearly practicable to create a Third and Fourth District in which Black voters are sufficiently numerous to elect the candidates of their choice, as demonstrated by the current map and affirmed by the special masters' proposal. The Constitution also prohibits the adoption of maps that, "when considered on a statewide basis, unduly favor or disfavor any political party." Va. Code Ann. § 24.2-304.04(8). Mr. Elias's gerrymandered map, which would result in the creation of only three Republican-leaning districts (27%) in a state in which the Republican candidate received over 50 percent of the vote in the most recent statewide election, clearly runs afoul of this requirement. Therefore, this Court should maintain a Black voting-age population of greater than 40 percent in both

districts—and potentially raise the BVAP to near 50 percent, given the results of the most recent state election—rather than subjecting Virginia’s Black voters to another of Mr. Elias’s risky partisan electoral plans.

Thank you very much for your consideration.

Sincerely,

Robert F. McDonnell
Former Governor of Virginia

Robert F. McDonnell
Former Governor of Virginia
3333 Virginia Beach Boulevard
Suite 24
Virginia Beach Va 23452
804-929-5321(c)
757-340-8001(w)
rfmva09@gmail.com

From: [Lynn Walthall](#)
To: [Redistricting](#)
Subject: Response to Public Comment Period
Date: Monday, December 20, 2021 8:49:01 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

This comment concerns congressional redistricting.

Northern Virginia, particularly Tysons Corner and the area's outer western and southern portions, is projected to grow even more in the coming years. The special masters' solution to that seems to be to expand their geographic area to include rural areas to the south or, in the case of Tysons Corner, to its more suburban west. This will have the effect of diluting votes as these areas grow. We should have a greater number of smaller districts throughout the state for these densely populated areas, and save the sprawling ones for the rural areas.

Respectfully,
Lynn and Jeff Walthall
9228 Bailey Lane
Fairfax VA 22031 (who will have our votes diluted by Tysons Corner)

From: [Carol Roth Brum](#)
To: [Redistricting](#)
Subject: Redistricting concerns
Date: Monday, December 20, 2021 8:53:31 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

To the redistricting masters:

I am a constituent in the current 2nd Congressional District of Virginia and have a number of concerns regarding the recently altered configuration of my district. I will briefly outline the three most critical concerns below:

1) Living in East Beach, Norfolk, I have become increasingly aware of the military and environmental links between the Virginia Beach oceanfront on the Atlantic and the Chesapeake Bay beachfront in Norfolk. By splitting representation, our area loses consistency of advocacy in these two critical areas of federal support. (One military base in particular, Little Creek Joint Expeditionary base actually spans both Norfolk and Virginia Beach counties and waterfront accesses.)

2) Eliminating the residency of the current 2nd district elected representative also negatively affects the impact of their advocacy for the military as well as environmental concerns, as seniority in committee appointments offers a stronger voice on behalf of the district and Virginia as a whole.

3) In looking at the reconfigured districts, it appears one would have to travel through an entirely different district in order to reach one portion of the newly outlined 2nd from the other. My understanding of your intentions was that this is exactly the kind of awkward configuration we were trying to avoid.

I urge the masters to reconsider their current determination of the 2nd district and allow for one representative to be the advocate for the above mentioned areas in Washington.

Sincerely,
Carol Roth
9730 28th Bay St.
Norfolk, VA 23518

Sent from my iPad

From: [Nancy Payne](#)
To: [Redistricting](#)
Subject: COMMENTS
Date: Monday, December 20, 2021 9:05:13 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

TO: SPECIAL MASTERS: 2nd DISTRICT 12-20-2021 8:AM

FROM: Nancy Sloan Payne, 6258 Circle Dr., Chinco. Isl. Va 23336

For past 30 yrs this has been my permanent, voting address.

Ph# 757-990-0703 email: rpayne20@verizon.net

COMMENTS: DISAPPROVE OF PROPOSED REDISTRICTING PLAN

WHY?

- * CURRENT DISTRICT 'works'- -no need to disrupt lives with this proposal. Covid -19 pandemic plus general economic downturn has ALL of us at super high stress level; don't add more!
- * CURRENT DISTRICT'S military and veteran population base would experience dramatic, negative change in profile and common interests- -not good for them nor area in general.
- * CURRENT DISTRICT'S permanent population and those who come into the area to work,example: military personnel, need to have same state/federal representatives to support and advocate for their best interests.

NOTE: Your notice dates to respond to proposed plan arrived at a very busy, personal time for many: holiday celebrations, college students arriving home to bond with families and friends, etc. What could have made this decision so important that it HAD TO BE DONE in month of December? Or was scheduling done on purpose for obvious reasons? What ever the reason, makes one question lack of 'common sense' used when preparing your calendar of deadlines.

From: [Jonathan Scheerer](#)
To: [Redistricting](#)
Subject: Comment on proposed HOD 69/71
Date: Monday, December 20, 2021 9:06:56 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Dear Va redistricting commission:

I am writing to comment on the proposed new districts in the 69th and 71st. I live in Hampton Roads (Williamsburg). The new district does not place Williamsburg with Hampton Roads, but rather extends into the Richmond area. This isn't an appropriate match for Williamsburg, which is very much part of the Hampton Roads community (jobs, residents, health care services). Please revise to keep Williamsburg as a part of with Hampton Roads.

Warm regards,
Jonathan Scheerer
Resident of Williamsburg

From: [Geary, Daniel](#)
To: [Redistricting](#)
Subject: Redistricting Maps
Date: Monday, December 20, 2021 9:07:54 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Please ensure the voting integrity of the Roanoke and New River Valley (Virginia District 19) by implementing a redistricting plan that makes the district compact and continuous.

Drawing up the voting district in this way will best serve the people of Virginia. A contiguous and compact voting district for the Roanoke and New River Valley would be consistent with the both the United States Constitution and the Constitution of the State of Virginia.

Thank you,

Daniel J. Geary, Ph.D.

From: [David & Sharon Brockman](#)
To: [Redistricting](#)
Subject: Redistricting Maps
Date: Monday, December 20, 2021 9:18:18 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Districts should be as compact as possible. Vocal Blacksburg Democrats should not determine our representation in Montgomery County.

Sincerely,

Sharon Brockman

From: [Lola Warren](#)
To: [Redistricting](#)
Subject: Districts 69 and 71
Date: Monday, December 20, 2021 9:19:07 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

The proposed district lines between Districts 69 and 71 make no sense, other than political gains for one party over another. All the area surrounding Williamsburg must be in the same district as the city itself. Our children go to school in a James City County Williamsburg school system, our social, religious, community, entertainment, and commercial activities are in common. We share the same city mailing address: Williamsburg. We must be able to vote based on those common interests, not on the whim of a political party's quest for power, which often results in people in power having no actual connection to those in their district.

I was hoping that this redistricting would be one of integrity and impartiality, based on reasonable assessment of where people live and congregate, not on political gain.

Lola Warren
4323 Creek View E, Williamsburg, VA 23188

From: [Scheerer, Jonathan R](#)
To: [Redistricting](#)
Date: Monday, December 20, 2021 9:28:53 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Dear redistricting committee,

I am having trouble understanding the 69th HOD district. It fragments the Southern part of Williamsburg and heads across the York river to carve out a slice of Gloucester. All of Williamsburg should be kept together with Hampton Roads. Gloucester is on a different peninsula and in a different county. It makes more sense to try to place all of Williamsburg into the 69th. As far as I can tell this is the only district to span the York or James river.

Jonathan Scheerer
Williamsburg resident

From: [Carole Hinton](#)
To: [Redistricting](#)
Subject: Fwd: VA Redistributing Concerns and Submitted Public Comments
Date: Monday, December 20, 2021 9:29:26 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Date: Mon, Dec 20, 2021 at 7:52 AM
Subject: VA Redistributing Concerns and Submitted Public Comments

**Public comments submitted by Carole Hinton,
Augusta County resident to
redistricting@vacourts.gov**

I strongly oppose breaking Augusta County in half and separating its two independent cities from District 2. Staunton, Waynesboro, and all of Augusta County should be retained in District 2 as communities of interest, public school districts, regional school divisions, watersheds, economic development partnerships, cultural heritage and agriculture. These communities are strengthened by sharing representation in one Senate district and it would represent a significant loss to change that. Senator Hanger has represented this area well and has been a great champion for our

communities.

**Sincerely,
Carole Hinton**

From: [Bookie Boland](#)
To: [Redistricting](#)
Subject: Opposition to Proposed Redistricting of VA-02
Date: Monday, December 20, 2021 9:37:02 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

I urge that this proposal be rejected for the following reasons:

Military

- Military and veteran populations that are essential to the socio-economic strength of Hampton Roads should not be split in the congressional districts.
- Naval Station Norfolk, Fleet Forces in Norfolk, as well as Air Station Oceana in Virginia Beach work so closely together and have active duty servicemembers who live in both localities. They deserve to have the same federal representation in order to best advocate for their interests.

Environmental

- The ocean view and waterfront parts of Norfolk and Virginia Beach specifically should be together in federal representation due to their shared environmental concerns.
- Reports by leading environmental scientists that the sea level could rise by several feet along our shores by the end of the century should be raising serious alarm. Beyond the human cost of that disastrous possibility, the economic and infrastructural damage such a change could inflict on these communities is unthinkable.

Contiguity/Compactness

- The district is shaped like a “crooked J” that is not functionally contiguous. Due to the Great Dismal Swamp, constituents would have to drive through a majority of the 3rd district to get from one end of the 2nd to the other.
- By putting Suffolk/Isle of Wight back in the 3rd, you get a more compact district in the 2nd and don’t disrupt the compactness of the 3rd.
- It takes longer to drive from Southampton County to the Virginia Beach District Office than it does to a District Office in Newport News.
- The special masters intended to adhere to functional congruity however they focused more in minimizing county splits. There should be a balance that doesn’t disenfranchise voters in the Hamptons Roads districts.

Respectfully yours,
James F. Boland
4236 Battery Road
Virginia Beach, VA 23455

From: [Gary Poindexter](#)
To: [Redistricting](#)
Subject: VA House District 48
Date: Monday, December 20, 2021 9:41:40 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Dear Honorable Members of the Virginia Supreme Court and Special Masters:

On behalf of my constituents in the Town of Hurt, and additionally on behalf of the entire Hurt voting precinct in far northern Pittsylvania County, I am reaching out to you concerning the boundary between the proposed Virginia Legislative Districts 48 and 52 (House of Delegates).

If the proposed new districts are established in their current form, then this one precinct will become "isolated" in a sense from most of Pittsylvania County and instead be represented in Richmond by a Delegate whose core constituency lies in Campbell and Bedford Counties. The result will be a "remote island effect," for lack of a better expression, imposed on Hurt precinct voters collectively.

Economic development and education (which we all know are interrelated), are two areas of significant concern to us under the current proposal.

Over the last few years, Hurt has worked diligently with Pittsylvania County and City of Danville (and thus their elected officials) to create the Staunton River Regional Industrial Facility Authority (SRRIFA) for the purpose of revitalizing a local economy that was taken to the brink of ruin with the loss of legacy industries such as furniture, textiles, tobacco, and others. SRRIFA, which specifically works to develop the Southern Virginia Multimodal Park in Hurt, needs to avoid major upheavals to the local political landscape -- at least for the foreseeable future -- to ensure/maximize functionality.

SRRIFA broke ground earlier this year on its first project, and other prospects are showing encouraging signs. Redistricting of its territory into that of two other counties who have limited incentive and vested interest, especially at this critical time, would not constitute a prudent course of action for the Staunton River Region.

In regards to public education, there is one school (John L. Hurt Jr. Elementary) located in the Hurt precinct. If it is redistricted as drawn, then that school community would have its concerns fall under the purview of a legislator from two other counties, while most of the remainder of the Pittsylvania County school division would continue to be represented by its Chatham-based Delegate who is knowledgeable of and committed to specific local issues.

Given these concerns and potentially others, I respectfully urge you to reconsider and adjust the boundary to maintain the Hurt precinct in its rightful place, which is the new District 48, not District 52.

I thank you sincerely for your time and attention to this matter.

Appreciatively,

Gary Poindexter

Councilmember, Town of Hurt, Virginia

Finance Committee Chair

Member, Community Development & Public Relations Committee

Secondary Science Educator, Pittsylvania County Schools

Email: gary.poindexter@townofhurtva.gov

Cell/Text: 434 485 4279

From: [Carole Hinton](#)
To: [Redistricting](#)
Subject: Public comments submitted by Carole Hinton, Augusta County resident
Date: Monday, December 20, 2021 9:41:44 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

I strongly oppose breaking Augusta County in half and separating its two independent cities from District 2. Staunton, Waynesboro, and all of Augusta County should be retained in District 2 as communities of interest, public school districts, regional school divisions, watersheds, economic development partnerships, cultural heritage and agriculture. These communities are strengthened by sharing representation in one Senate district and it would represent a significant loss to change that. Senator Hanger has represented this area well and has been a great champion for our communities.

Sincerely,

Carole Hiinton

From: [Lynn Mitchell](#)
To: [Redistricting](#)
Subject: State Senate District
Date: Monday, December 20, 2021 9:42:05 AM

EXTERNAL EMAIL

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RE: State Senate District - Augusta County

FROM: Lynn R. Mitchell, Augusta County resident (currently State Senate District 24 / House of Delegates District 20)

Concerns with the current redistricting map for Augusta County:

1) Staunton and Waynesboro are part of the state senate district encompassing Augusta County; indeed, Augusta's seat of government is in Staunton. The three localities work together with shared entities that work with and help residents in the area, and would be better represented as one Senate district.

2) The redrawn map puts three incumbent state senators together in the district which would result in losing two of them, a tremendous loss of institutional knowledge.

Thank you for the opportunity to voice my concerns.

From: [Stephen Ketcham](#)
To: [Redistricting](#)
Subject: 12/7/2021 redistricting proposal
Date: Monday, December 20, 2021 9:42:18 AM

EXTERNAL EMAIL

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Dear Special Masters,

I am writing from Portsmouth.

Portsmouth is an African American majority community. I note from your redistricting proposal that you are redrawing two adjacent State Senate boundaries from which current African American Senators serve. This appears to be a denial of a specific racial group, in the whole, to elect representatives of their choice.

Similarly, your proposal combines areas represented by Portsmouth's current congressman, who is African American, with the residence of his party colleague in the US House of Representatives. This may well have the effect of abridging African American representation in Congress on the whole, as your proposed 2nd Congressional district appears as if you drew it to strip my congressman of his current party colleague.

Please recognize the citizens of Portsmouth, and work carefully to avoid abridging African American voting rights in any way.

Respectfully,

Stephen Ketcham
414 Crawford Street
Portsmouth, VA 23704

From: [LLOYD WOOD](#)
To: [Redistricting](#)
Subject: Redistricting Maps
Date: Monday, December 20, 2021 9:42:36 AM

EXTERNAL EMAIL

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The Roanoke County, City of Roanoke and the City of Salem should be together. The Cities of Blacksburg and Christianburg should be in a separate district. The Democratic whining should be ignored as the purpose of redistributing is to have regional districts that are not spread out. Thanks for your efforts.

Sent from my iPad

From: [Victoria Cochran](#)
To: [Redistricting](#)
Subject: Southwest Virginia Redistricting
Date: Monday, December 20, 2021 9:43:04 AM

EXTERNAL EMAIL

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It is imperative that the commission maintain the communities of interest that exist between Radford, Blacksburg and Roanoke City. In addition to transportation communities of interest, via bus lines and train travel the 460 bypass and I81, there is a strong economic connection in which people from these areas engage significantly in employment, shopping, fine dining and commercial/banking and legal transactions. Those of us 'on top of the mountain' head North to Roanoke, rarely South for commercial transactions. Large centers of employment in all three localities share the majority of employees from within these three areas. The most significant connection, and one that would be severed under a mapping strategy that separates Roanoke City and the Blacksburg/Radford area, is the myriad educational ties among Virginia Tech, Radford University and the Carilion medical complex. These communities are inextricably bound together and deserve cohesive representation in government.

Thank you for taking this comment into consideration.
Please acknowledge receipt.

Victoria Cochran
2175 Maple Lane
Blacksburg Virginia 24060
540-392-4101
victoria@victoriacochran.com

Get [Outlook for Android](#)

From: [Jessica Bennett](#)
To: [Redistricting](#)
Subject: maps for senate districts 4 and 5
Date: Monday, December 20, 2021 9:45:06 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Good morning,

I believe Senate Districts 4 and 5 are poorly drawn. Blacksburg, Christiansburg, and Roanoke should be in one district. There are many ways these regions are connected. The Smartway Bus has stops in these three localities daily, including to the train station and the airport. The Virginia Tech Medical School and Fralin Biomedical Institute have locations in both Blacksburg and Roanoke. There is also the Roanoke-Blacksburg Technology Council. Blacksburg has little in common with the rural counties in the district you are proposing. If it is not possible to have Blacksburg, Christiansburg, and Roanoke in the same district, then at least Blacksburg and Roanoke should be in the same district.

Thank you.

Jessica Bennett
Blacksburg

From: [Dominic Patafie](#)
To: [Redistricting](#)
Subject: Comments on the Special Masters Maps
Date: Monday, December 20, 2021 9:46:40 AM

EXTERNAL EMAIL

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Justices of the Court,

I have submitted my own comments for the record, and watched the testimony of many others who spoke to different concerns, whether valid or contrived, that they had with the maps.

One issue I have with the maps that were released by the special masters, is that while on the top they look to be like acceptable maps, around the edges when you dig deeper these maps actually do a lot to decrease the quality or representation afforded to all residents of our Commonwealth.

A benefit to having the legislature draw the maps, opposed to out-of-state special masters, is the members of the legislature have close connection with their communities.

I think the court should do everything it can to listen to experts on Virginia when it comes to adjusting the special maps. One of the Virginia experts many people have been saying should have an input is Ben Tribbett.

Ben posted very good comments on twitter (screenshots attached) and I wanted you all to have the chance to look them over and consider his comments when it came to map adjustments.

You can view his comments at

<https://twitter.com/notlarrysabato/status/1472926722790424576?s=21>

Dominic Patafie
McLean, VA



Ben Tribbett
@notlarrysabato



You have until 11 am to make comments for the special masters to consider. Here are my thoughts on the draft maps. (Thread)



Senator Scott Surovell ✓ @ssurovell · 2d

Redistricting public comment period CLOSES in 2 days so get your comments in ASAP to redistricting@vacourts.gov if you want them read or take 2 min online on the maps themselves!
Senate - virginiaredistricting.org/legdistricting...
House - virginiaredistricting.org/legdistricting...
Congress - virginiaredistricting.org/legdistricting...



Ben Tribbett @notlarrysabato · 46m



Replying to [@notlarrysabato](#)

First, the special masters seemed to go out of their way to really mess with the makeup of the Congressional delegation. I assume its because they are both out of state, but its really messed up- the point of this process is not to force Virginians to elect people they don't want



Ben Tribbett @notlarrysabato · 45m



For example, the 2nd Congressional District is about the right population by drawing the Eastern Shore with the City of Norfolk and Virginia Beach. Needs a few precincts elsewhere but why not just do that unless you are trying to mess with [@ElaineLuriaVA](#)?





Ben Tribbett @notlarrysabato · 43m



That was a great example of a backfire though as the special masters didn't seem to know enough about Virginia to see they were splitting the key military communities apart that have always shared Congressional reps. Saw lots of testimony on it, so hopefully they fix it.



1



1



Ben Tribbett @notlarrysabato · 42m



In regards to the new 7th CD- the special masters should decide what it actually is. They poorly drew a PWC centered district and a 95 centered district. They should pick one or the other and draw around that. Haymarket to Fredericksburg is dumb.



1



1



2





Ben Tribbett @notlarrysabato · 40m



Same goes for the 10th CD. It has always been a Loudoun centered district. This proposal to dissect Loudoun from its neighbors and make it half Loudoun and half counties going towards Charlottesville is ridiculous. Keep the district geographically around Loudoun.



1



1



4



Ben Tribbett @notlarrysabato · 35m



On to the legislature. Pairing Senators Lucas and Spruill was probably an oversight, but exposed a shabby work product. This should be fixed without taking away the new minority influence seat that was drawn.



1



3





Ben Tribbett @notlarrysabato · 31m

Finally, the new Fredericksburg seat should actually be greater Fredericksburg, keep it simple when possible.



1



2



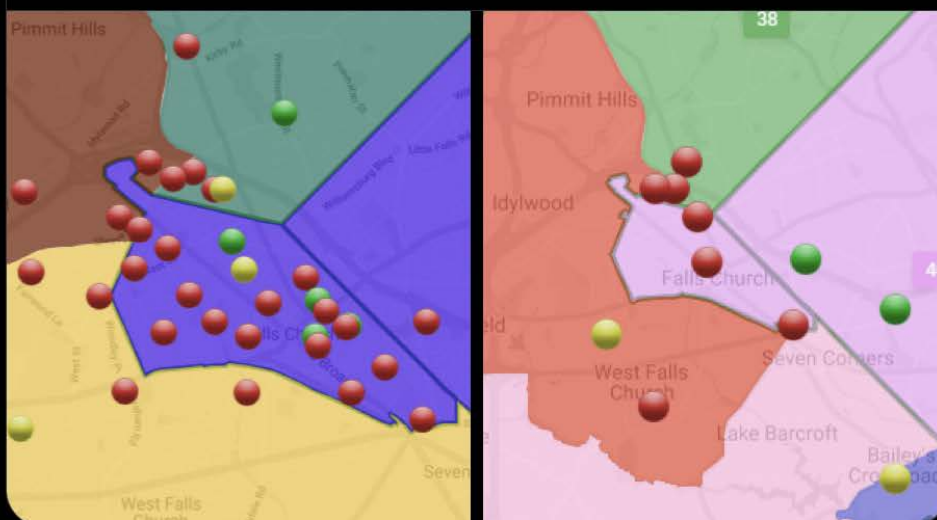
Ben Tribbett @notlarrysabato · 28m

In the House, I see a lot of comments around Falls Church that seem to be fake outrage as @ChazNuttocombe pointed out last night. Falls Church has historically been with Arlington, they even share a court system, and it is drawn correctly there.

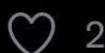


Chaz Nuttocombe @ChazNuttocombe · 16h

Weird thing here on the redistricting interactives for VA in the Falls Church area. Tons of spam on the House map, barely anything on the State Senate



1



2





Ben Tribbett @notlarrysabato · 25m

But this gets to a broader point with all the NoVA districts- the beltway should be a BOUNDARY whenever possible. There's a reason people say they are from "inside" or "outside" the beltway- they are different communities.



1



2



Ben Tribbett @notlarrysabato · 22m

Running Fairfax City to be with areas around Lake Barcroft while taking areas in FAIRFAX away from the district isn't political- its just stupid. Draw one district inside the beltway mostly and one outside.



1



2



--

Dominic Patafie

[Twitter](#) – [LinkedIn](#)

(336) 594-9054

From: [Jim Hinton](#)
To: [Redistricting](#)
Subject: Public comments submitted by Jim Hinton Augusta County resident
Date: Monday, December 20, 2021 9:48:00 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

I strongly oppose breaking Augusta County in half and separating its two independent cities from District 2. Staunton, Waynesboro, and all of Augusta County should be retained in District 2 as communities of interest, public school districts, regional school divisions, watersheds, economic development partnerships, cultural heritage and agriculture. These communities are strengthened by sharing representation in one Senate district and it would represent a significant loss to change that. Senator Hanger has represented this area well and has been a great champion for our communities.

Sincerely,

Jim Hinton

From: [Warren Hall](#)
To: [Redistricting](#)
Subject: Gerrymandering map
Date: Monday, December 20, 2021 9:48:10 AM

EXTERNAL EMAIL

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I am unalterably opposed to politically-motivated redistricting (“gerrymandering”) of voting precincts. I have lost faith in local, regional and national governmental decisions as no political decision has been “for the people” in the last dozen years if not more.

It is time to sweep all elected non-representatives from office and begin anew.

Vote NO on politically-sanctioned gerrymandering.

From: [Mark Geduldig-Yatrofsky](#)
To: [Redistricting](#)
Subject: 2021 Redistricting in Virginia
Date: Monday, December 20, 2021 9:48:48 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Honorable Chief Justice and Justices of the Supreme Court of Virginia:

As a citizen and voter of the commonwealth for more than half a century, I have followed legislative redistricting for a least the last four iterations. I was somewhat hopeful that our latest effort would yield more equitable results than its predecessors, but I had concerns that the structure of the independent commission charged with drawing legislative boundaries would result in stalemate. Also, the presence of equal numbers of incumbent legislators and regular citizens on the body was antithetical to any semblance of independence from political influence.

The "court of last resort" stage in which the redistricting effort finds itself at this late date holds the promise, however, of producing what I would consider a fair outcome. The methodology applied to the task by the Special Masters removed the thumbs of self-interested legislators from the scale of justice and applied geographic and demographic data in what to my eye appears an unbiased manner. Although I as a voter with no political party allegiance believe that the controlling statute should have taken cognizance of the fact that I and others like me are an important part of the political landscape, I consider the work product of the Special Masters superior to what the previous approaches to redistricting created.

In reviewing other commentary on the proposal before you, I have noted sympathetically certain concerns from regular citizens about separations of select communities of interest. If substantiated by fact and remediable without a major unraveling of the larger portion of the redistricting tapestry, I would urge you to accommodate those constituencies. On the other hand, concerns from legislators about having to compete in the new state order with members of their own parties to retain their seats should be treated as the cost of doing business in a more equitable environment. At times the greatest service to the community consists of getting out of the way of progress.

Please let me know if you need additional information.

Yours truly,
Mark Geduldig-Yatrofsky, PO Box 50141, Portsmouth, VA 23703-0141, 757
967-7298

From: [Noah Peters](#)
To: [Redistricting](#)
Subject: Redistricting Maps
Date: Monday, December 20, 2021 9:55:07 AM
Attachments: [DRA_2020 - 2021-12-20 09.41.48.png](#)
[VA 10th.png](#)
[VA 4th district.png](#)
[VA 6th.png](#)

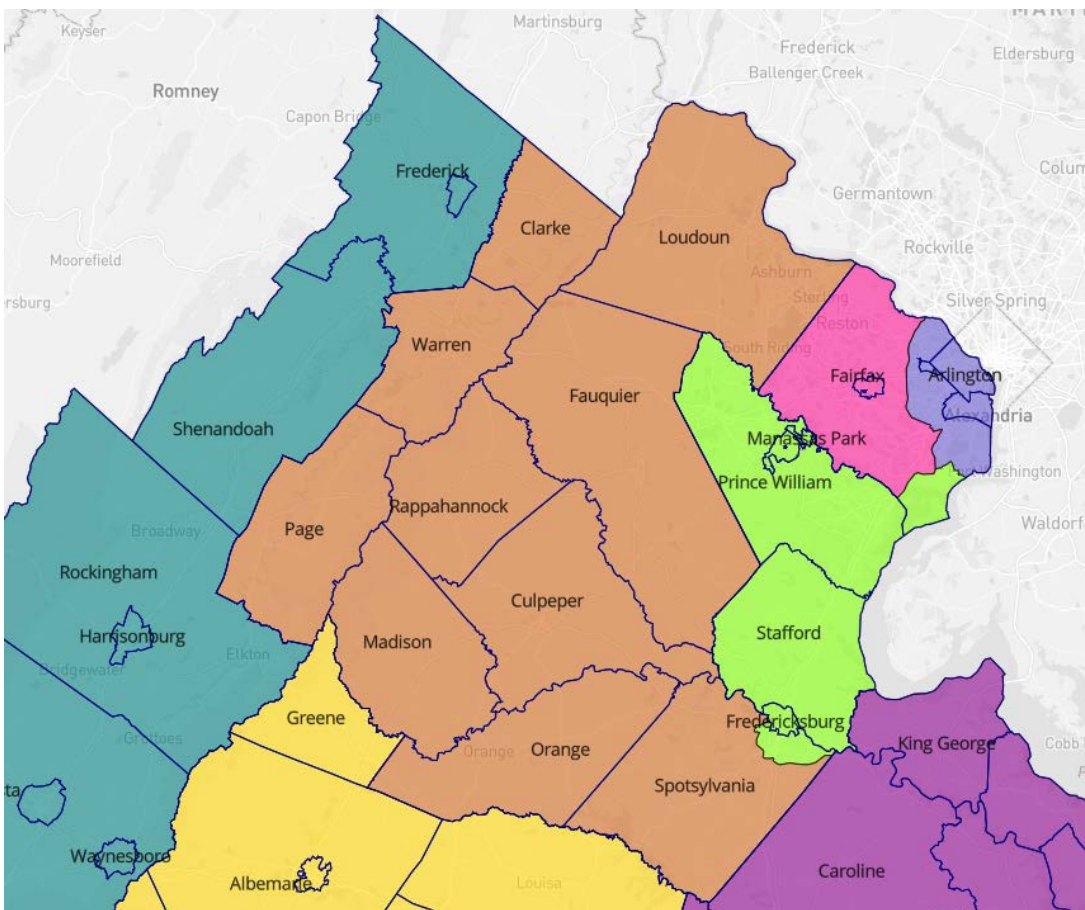
EXTERNAL EMAIL

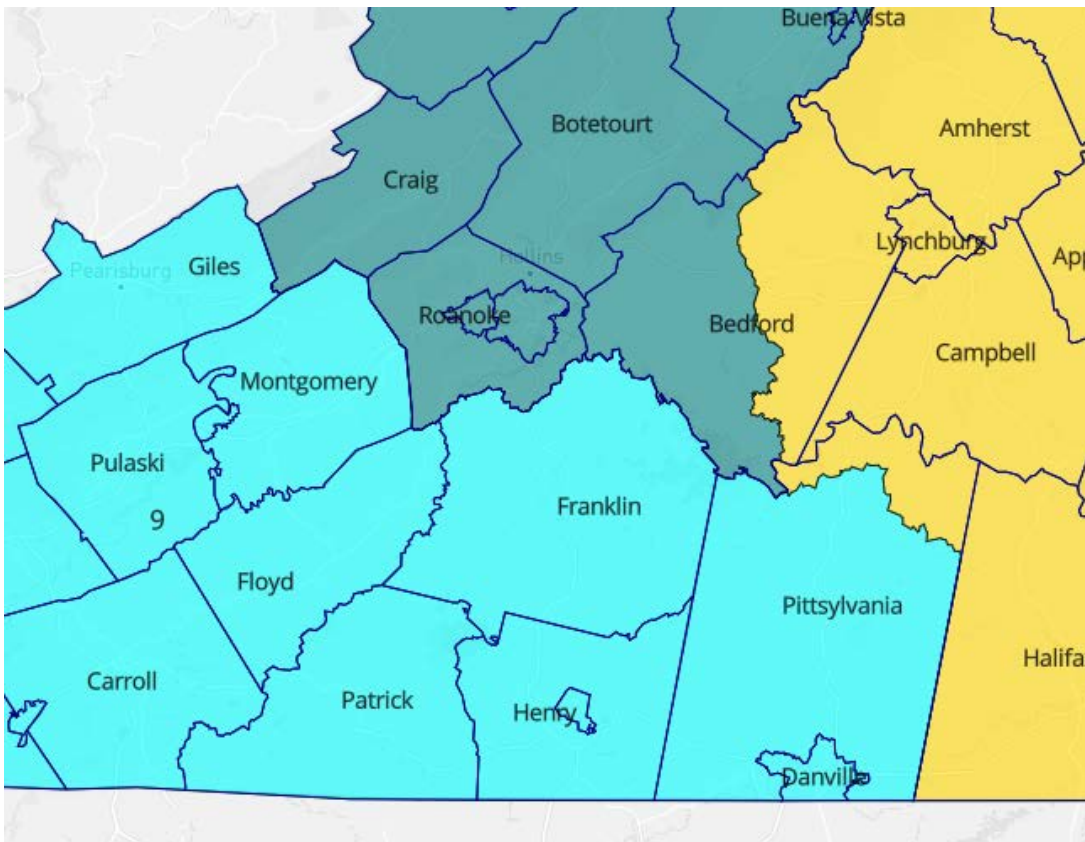
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My comment on the congressional map is as follows:

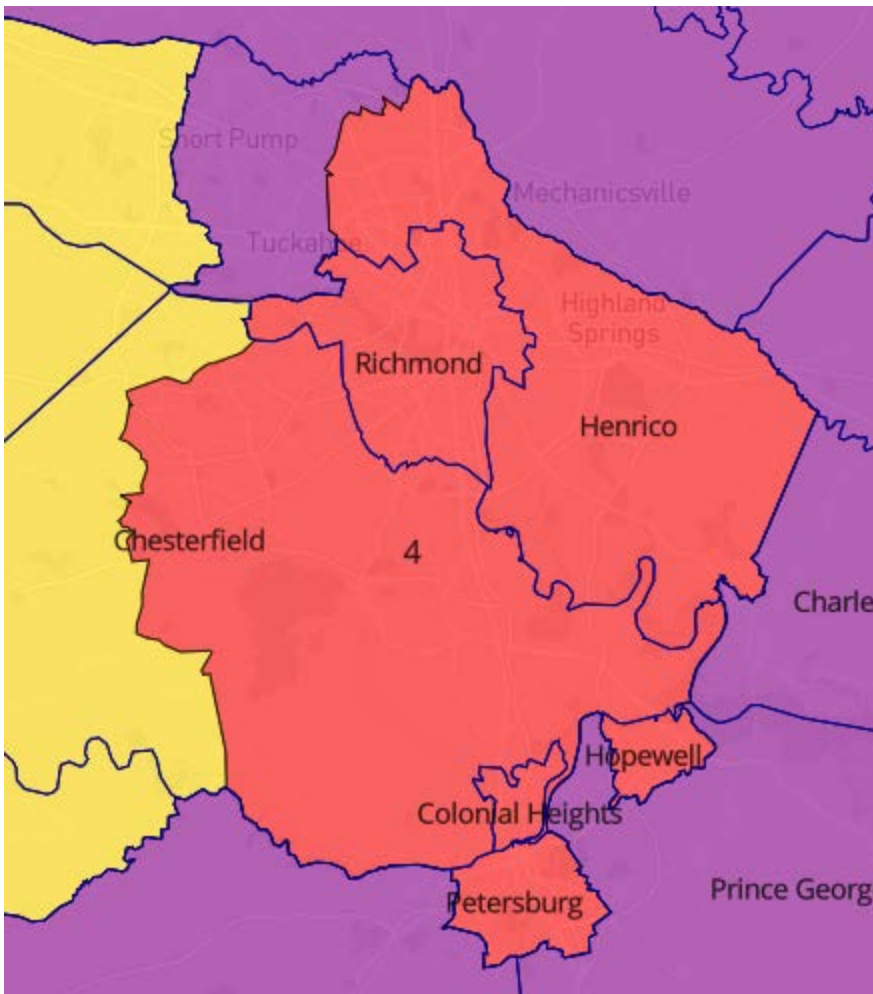
The Special Masters' proposed map needlessly splits Albemarle County. Albemarle and Greene are both part of the Charlottesville metro area and media market, and should be kept together in the 5th District.

To replace the lost population, Warren, Clarke and Page counties should be added to the 10th. Warren and Clarke are both part of the D.C. metropolitan area/media market. In addition, this would remove the need for any county splits in the 10th besides Spotsylvania. And it would eliminate the need to split Roanoke City from Roanoke County, which separates a community of interest.



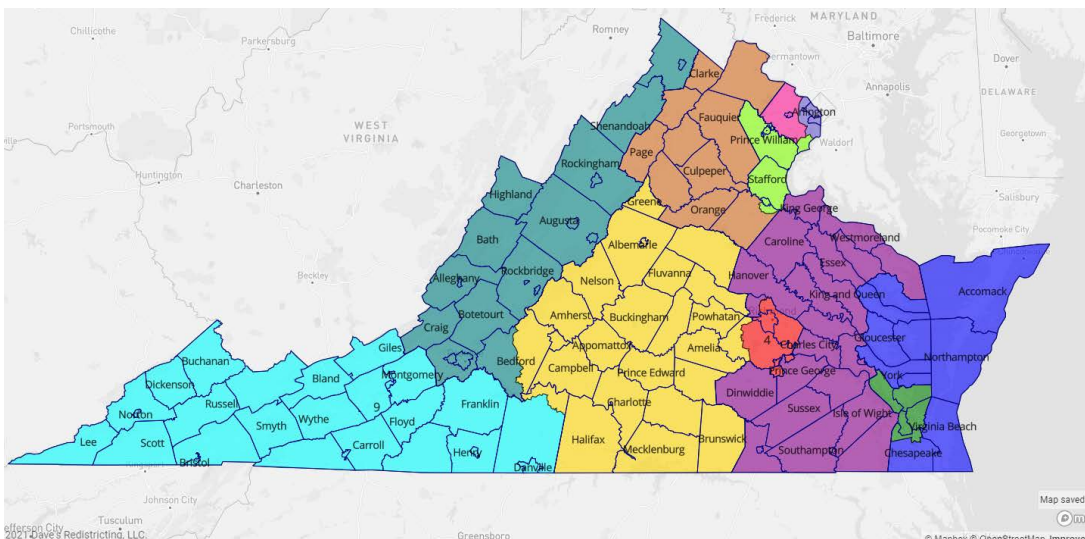


While the Special Master's report claimed that it was not possible to draw a compact majority-minority district in the Richmond area that is above 33% African American, this appears to have been incorrect. The proposed 4th district below is 38% African American VAP, about the same as the current 4th (41%), and would serve as an effective VRA district while remaining a compact, Richmond-centered district.



My overall proposed map is below. It is extremely compact and eliminates the split communities of interest in the Special Master's proposed map (that is, Charlottesville, Richmond, and Roanoke).

<https://davesredistricting.org/join/fbe68086-0147-4ffd-9d6b-3fc0d5af9990>



Respectfully,

--

Noah B. Peters

11405 Mactavish Heights

Fairfax, VA 22030

(434) 466-4641

From: [Missy Cotter Smasal](#)
To: [Redistricting](#)
Subject: VA02
Date: Monday, December 20, 2021 9:56:39 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Good morning,

I'm a Navy veteran and resident of Virginia Beach and am writing to ask you to keep Military and veteran populations together as a community of interest. We are essential to the socio-economic strength of Hampton Roads and should not be split into different congressional districts. Virginia Beach and Norfolk not only have veteran communities in common, but we move between the communities regularly.

Naval Station Norfolk, Fleet Forces in Norfolk, as well as Air Station Oceana in Virginia Beach work so closely together and have active duty servicemembers who live in both localities. We deserve to have the same federal representation in order to best advocate for their interests.

Thank you for your consideration.

Missy Cotter Smasal

From: [Hamp II, Michael G.](#)
To: [Redistricting](#)
Subject: Comment on Proposed Redistricting: House District 36 and Senate Districts 2 and 3
Date: Monday, December 20, 2021 9:58:03 AM

EXTERNAL EMAIL

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To the Honorable Donald W. Lemons, Chief Justice, the Honorable Justices of the Supreme Court of Virginia, and Special Masters,

The City of Waynesboro objects to the proposed House and Senate redistricting proposals. Noting our belief that the Staunton, Augusta, Waynesboro region is, at least locally, regarded as a community of shared interests, the City encourages the Masters to review the plan and would favor a plan that recognizes the common and shared interests of the two cities and Augusta County. The local governments work regionally provide key services and facilities such as the regional landfill, regional jail, social services, juvenile detention, Office on Youth. Further, the region more closely identifies and coordinates with counties and municipalities to the north on initiatives such as Go Virginia, the SAW MPO and the Workforce Development Board. The regional and cooperative work occurring among the localities relies, to some extent on coordination with and support from State Senator and House of Delegates member. As drawn the SAW region is split among two House districts. Divisions increase if the Harrisonburg and Rockingham localities are included. The configuration not support coordinated governance between the Commonwealth and the localities. Waynesboro's municipal leadership also objects to the reconfiguration of the second and third Senate districts.

Respectfully Submitted by Mike Hamp, City Manager on behalf of the City Council.

Michael G. Hamp II
City Manager ■ City of Waynesboro, Virginia
503 West Main Street ■ Suite 210 ■ Waynesboro, VA 22980
Voice 540-942-6600 ■ Fax 540-942-6671
www.waynesboro.va.us



From: [Gail Christie](#)
To: [Redistricting](#)
Subject: Comments on the new Congressional Maps affecting Chesterfield and Henrico
Date: Monday, December 20, 2021 10:01:16 AM

EXTERNAL EMAIL

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I have deep concerns about the way the maps drawn by the Special Masters split the communities of interest in the Richmond suburbs of Henrico and Chesterfield County into three different voting districts, in an apparent direct contradiction of their mandate. Two of these districts would now be anchored by heavily rural populations, with which we have little in common. There are strong economic ties between these two suburban regions, including the shared GRTC transportation network and a shared regional health care system. All three of the major health care providers, which are among the largest employers in the Richmond area, have patient care facilities in all three locations. I have personally used VCU Health providers in Richmond, Henrico, and Chesterfield in the past year. Many residents of these counties work in the other, or in Richmond, using highways that readily connect them. We have common interests of regional development and transportation that are not shared with the more rural areas into which we have been redistricted. We are diverse communities whose voices and racial composition are being diluted by this split. As a resident of Chesterfield County for 37 years, my community of interest includes the city of Richmond – where I commuted to work for 35 years – as well as Henrico – where I shop, use the park system, frequent entertainment venues, and have medical and financial services providers. There are numerous social and cultural ties connecting the Richmond suburbs in these two counties and the city of Richmond. Many retail and restaurant locations in both suburbs are frequented by residents of the other. The Richmond theatre community includes performance venues in Chesterfield and Henrico. My two favorite music venues are in Henrico. Chesterfield, Henrico, and Richmond share a Governor's School. Shalom Farms, which is the largest provider of fresh produce to Feed More, Central Virginia's food bank, grows the bulk of their produce – over 500,000 servings - on a site in Midlothian which is then distributed to families in need in Richmond, Henrico, and Chesterfield. My church belongs to a social justice network, RISC, which is comprised of congregations in Richmond, Henrico and Chesterfield that have actively engaged in the past several years on issues of housing, education, unemployment, student mental health, and gun violence prevention – with specific projects in Richmond, Henrico, and Chesterfield. The interests of these suburban communities west of Richmond will not be served by the proposed maps, which effectively take away our voice.

Sincerely yours,

Gail Christie
3509 Walkers Ferry Road
Midlothian, VA 23112
gail.e.christie@gmail.com
804 744-6175

From: [Andrew Rose](#)
To: [Redistricting](#)
Subject: Comments on VA 69th and 71st House Districts - Williamsburg
Date: Monday, December 20, 2021 10:08:21 AM

EXTERNAL EMAIL

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Thank you for your work on this important redistricting effort.

I would like to offer comments on important problems with the existing maps on for the 69th and 71st districts. My main comment is that Williamsburg should not be moved into the 71st, as it does not have shared interest with Richmond suburbs or Upper Peninsula rural communities.

Williamsburg needs to remain in the 69th district, as it should not be separated from James City County. JCC and Williamsburg are really one mutual community that rely on many of the same services and have a shared economy.

Furthermore, Williamsburg has been separated from lower James City County, including Grove, in the current draft map. The history of the African American community in the Historic Triangle links the City and Grove in essential ways. Separating these two areas severs that historical link and shared community history and contemporary experience.

Thank you for your consideration.

Sincerely,
Andrew M. Rose
110 Willow Drive
Williamsburg VA 23185

From: [Allan Brum](#)
To: [Redistricting](#)
Subject: redistricting concern
Date: Monday, December 20, 2021 10:12:06 AM

EXTERNAL EMAIL

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Redistricting masters:

I live in the current 2nd Congressional District of Virginia, and I'm extremely concerned about the recently suggested and altered configuration of my district. Here's what worries me:

I live in Norfolk, where much of the military and it's bases are. That military presence is an enormous part of the economic lifeblood of our district. Those bases are located across Virginia Beach and Norfolk...we dearly need to have consistent representation, to coordinate advocating for the needs of our military and also the many thousands of people who depend economically on their presence. By splitting representation, our area loses that ability, and may cost us federal support.

Another critical reason not to split our district up as suggested relates to the environment, which is a critical concern for me. We depend on the health of our ocean and Chesapeake Bay, and need someone representing us who resides in this district and who has a vested stake in the environmental health of where we both live. The new map jeopardizes this increasingly critical issue.

The weird "J" shape configuration of the revised 2nd district would require driving through a large portion of the 3rd district to re-enter the 2nd...It is my belief that this sort of non-contiguous separation is exactly what redistricting is supposed to avoid.

I STRONGLY urge the special masters to reconsider their current map of the 2nd district and PLEASE allow for ONE representative to be the advocate for our economic and environmental future.

Thank you,
Allan Brum
9730 28th Bay St.
Norfolk, VA 23518

From: [Ellen Clements](#)
To: [Redistricting](#)
Subject: Proposed District Maps Comments
Date: Monday, December 20, 2021 10:13:15 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Good morning. I am writing to challenge the latest redistricting map for the Congressional Districts. In particular, I feel that the 2nd District has been changed drastically which will affect the mutual communities of interest in our cities.

- There are large populations of military families and bases in the current district which share concerns that are best served by the same Congressional Representative.
- The coastal communities have environmental concerns that again are shared and benefit from working on solutions together. This is a major concern with catastrophic consequences if not dealt with immediately.
- I live in Virginia Beach on the border of Norfolk. Many of the residents in both of these communities live in one area and work in the other. It just makes sense that one person serves as their representative in Congress.
- Culturally speaking, Norfolk and Virginia Beach share similar interests in the Arts community with their museums, concert venues, and theaters.
- From what I have read, the new redistricting map splits up minority populations unfairly. In 2021, we should be putting racism behind us and moving forward to a just and equal representation in our government.

Please reconsider this map and restore the 2nd District to a more just and sensible representation of this area of Virginia. Thank you.

Sincerely,

Ellen J Clements
740 Rochelle Arch
Virginia Beach, VA 23464
757-650-1788
Disapprove of Redistricting Map as it is proposed

From: [Brittany Rose](#)
To: [Redistricting](#)
Subject: Public comments regarding proposed redistricting plan
Date: Monday, December 20, 2021 10:20:03 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Good morning,

Thank you for the work that the Court and the special masters have already put into the critically important and complex process of legislative redistricting. My name is Brittany Rose and I reside in the western portion of Henrico County here in the Richmond suburbs. I have provided public comment on every single map that was proposed by the redistricting commission, and I appreciate being given the opportunity on Friday to address you and your work. These comments are slightly expanded to include a few items that I was not able to fit within my 3 minutes of testimony.

As with many others from the Richmond suburbs and broader central Virginia region who have already testified and provided feedback on the interactive website, I have very serious concerns with how our region has been split apart in the proposed Congressional maps. The current proposal would carve my portion of western Henrico County, which is currently in CD7, into CD1 with largely rural counties stretching all the way to the eastern shore. It feels very much as though my community has been treated as simply a way to increase population in a district for another, disparate portion of the commonwealth. The Richmond suburbs, including Henrico and Chesterfield, share very real and tangible connections – economically, socially, through public transport infrastructure, and in many more ways that you have already heard about. Another example I would like to share is how our region is tied together through the provision of health services. When I have sought medical care for my children through the VCU health system over the course of the past year, we have been seen by providers at the main hospital in the City of Richmond, at satellite offices in Henrico, and as recently as Monday at a facility in Chesterfield. To split these three geographically close and inexorably tied localities into three separate Congressional districts (CD1, CD4, and CD5) simply does not make sense by any measure of what constitutes a community of interest.

I strongly support the approach taken towards CD7 in the Farkas Congressional maps that were proposed on Thursday evening. This proposal does a far superior job of recognizing central Virginia as a region with shared interests – particularly with the east/west orientation of CD7 as they have proposed compared to the north/south orientation of the current CD7 or the effective drawing and quartering of the Richmond region in the court's draft maps.

Regarding the state level redistricting, I have mixed feelings about the proposed maps for the House of Delegates where I would be drawn into district 57 comprised of part of western Henrico and eastern Goochland counties. On one hand, I appreciate that the court's proposal would not split up the significant Asian population in my area of Henrico as the current maps do and as many of the commission's proposed maps would have done. On the other hand, I have a concern about how the western portion of Henrico County has been split into four separate districts – two (HD58 and HD80) are comprised of just Henrico residents. In the other

two proposed districts, including mine – HD57 and HD59 – parts of western Henrico County are paired with neighboring rural counties. As with the proposed congressional districts, I feel that my community in western Henrico County has been split apart primarily to add population to surrounding rural counties instead of respecting our collective community of interest in Henrico.

Regarding the state Senate maps, I very much appreciate the fact that my portion of Henrico County would be drawn into a SD16, a district that is fully comprised of Henrico County. In fact, although Henrico would be split into three Senate districts instead of the current two under the current proposal, two of the three would be comprised fully of Henrico residents and the third would include similar communities outside of Henrico. This is the sole proposal in which I feel Henrico County has been fully recognized and maintained.

I request that you instruct the special masters to incorporate the input into the plan that they submit to you for your final consideration. Thank you for your time and for inviting and utilizing public comment on the legislative maps.

Sincerely,
Brittany Rose

From: [Mary Alice Barksdale](#)
To: [Redistricting: Mary Alice Barksdale](#)
Subject: Redistricting plan
Date: Monday, December 20, 2021 10:26:37 AM

EXTERNAL EMAIL

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The New River Valley, particularly Blacksburg, Radford, and Christiansburg should be grouped together as representative of the New River Valley in each of the redistricting designs. This is an existing community of interest, and should not be connected with any parts of Roanoke/Salem. We have both university-related and non university-related interests that are in concert. The New River Valley should be celebrated as a true compact community of interest. Our mountainous rural environment surrounding the New River is a significant feature of the state of Virginia and we deserve recognition and encouragement in all state decision making processes. Respectfully, Mary Alice Barksdale, 618 7th St., Radford, VA, 540-818-8620

December 20, 2021

Clerk of the Supreme Court of Virginia

Re: Rules and Procedures for Implementing the Requirements of Article II, Section 6-A (comments on proposed redistricting map of Chesterfield County)

To Whom It May Concern,

Chesterfield County has been for my family a single community, its residents linked by shared government, shared opportunities, problems and solutions, shared transportation arteries, school opportunities, employers, shared networks of medical care and other services, shopping opportunities...much like a sprawling city. Our 37 years in Chesterfield has always felt like an experience within one community—living in 2 of its neighborhoods, sharing the upbringing of our 3 children with county schools, supporting our church, appreciating arts and recreational opportunities, mostly along a 5 mile stretch of Hull Street Rd. Yet the proposed map splinters those 5 miles into 3 districts. Our community should “remain whole” to a greater degree than the proposed map allows and shouldn’t arbitrarily be split multiple times.

Our county is increasingly politically “competitive,” another value that must be defended in new maps. This competitiveness has been quite evident in races up and down the ballot, and I believe electoral competition is essential for responsive government. Yet, rather than preserving this increasing competition for future House races, the new map splits Chesterfield into 3 noncompetitive districts.

Chesterfield is also now racially and culturally diverse. This matters greatly to us, to our church and its justice-seeking mission. With more than 40% non-white voters in the 2020 census, Chesterfield’s diversity could have been honored by creating minority “opportunity districts”—another value that should be defended in new maps--where one constituency could have an amplified voice by allying with other groups. Instead, by chopping up the county into vertical slices, the proposed map “packs” much of our minority vote into a single House district (76). This may have been an oversight, but it appears to go against the letter and spirit of our new redistricting laws, smacking of racial gerrymandering.

Thank you for considering these concerns.

Herschell Emery
3509 Walkers Ferry Rd
Midlothian, VA 23112

From: [James Harder](#)
To: [Redistricting](#)
Subject: Redistricting in the NRV
Date: Monday, December 20, 2021 10:42:14 AM

EXTERNAL EMAIL

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I want to write and comment about the Supreme Court of Virginia's first proposal for the House of Delegates and Senate redistricting.

I believe that the New River Valley will be poorly impacted by both maps. In the Senate, it makes sense to pair Blacksburg, Radford and Roanoke together. These areas have similar economies and also the tie between Virginia Tech and Roanoke is such an important driver of this area's growth. Pairing most of Blacksburg with a district that includes Tazewell, Wytheville and Marion doesn't make sense and feels like a partisan attempt to split up a Democratic area. Even more important is the HoD proposal, Radford and Blacksburg have so many similarities that make sense to combine for a single HoD seat. They are both university towns, with deep connection to the NRV. Please keep Radford and Blacksburg together in a single district!

Best,
James Harder
1108 Highland Circle
Blacksburg, VA 24060

--

*James D. Harder, PhD
Blockchain Ecosystem Catalyst, Department of Computer Science
Instructor, School of Public and International Affairs
Virginia Tech*

From: [JRS](#)
To: [Redistricting](#)
Subject: Redistricting Maps
Date: Monday, December 20, 2021 10:45:25 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

To Whom It May Concern: I am a citizen of Roanoke County, Town of Vinton. I do not support separating the town of Vinton from the rest of the Roanoke Valley and lumping it in with communities from which it is geographically and socially isolated, seemingly for political purposes. In general, Congressional districts should be geographical. They should combine communities that are geographically close and socially knit together. This also intrinsically avoids re-drawing district boundaries to favor certain political entities or parties and also avoids segregating districts by race, as has been attempted in the past. Therefore, I strongly support keeping Vinton together with the other communities in the Roanoke Valley and NOT grouping it with communities as far removed as Staunton, which otherwise would have no connection with Vinton.

Constituents John R. and Amy L. Saunders



City of Norfolk Virginia

Office of the City Council

December 20, 2021

Supreme Court of Virginia
100 N. 9th Street
Richmond, Virginia 23219

To Whom It May Concern,

I am reaching out to express my concern regarding the Congressional District Maps proposed by the Special Masters as part of the Virginia redistricting requirements. Specifically, I would like to address Congressional Districts 2 and 3.

I have lived in Norfolk all 43 years of my life, and have served on the Norfolk City Council, representing Ward 5 since 2010. Ward 5 borders Virginia Beach and includes entrance gates in Norfolk to the Joint Expeditionary Base – Little Creek. Ward 5 also includes all of the main gates into Naval Station Norfolk. In addition, Ward 5 also includes just over six miles of Norfolk waterfront on the Chesapeake Bay and includes water entrances to the Joint Expeditionary Base. Serving Norfolk citizens these last 12 years, gives me a unique perspective when discussing communities of interest.

I can appreciate the Special Masters working to keep boundaries as compact as possible which is evident in the proposed 3rd Congressional District. However, the elongated 2nd Congressional District is not compact, and by moving military installations located in Norfolk out of this district, it splits communities of interest in Hampton Roads.

Military and veteran populations that are essential to the socio-economic strength of Hampton Roads should not be split in the congressional districts. Naval Station Norfolk, Fleet Forces in Norfolk, as well as Air Station Oceana in Virginia Beach work so closely together and have active duty servicemembers who live in both localities. They deserve to have the same federal representation to best advocate for their interests. Norfolk communities in Ocean View which is in Ward 5 and those bordering Naval Station Norfolk and Little Creek overlap with Virginia Beach as a community of interest. Many of the residents here cross city lines regularly for work and have more in common with Virginia Beach than other neighborhoods and localities that will be in the proposed new 3rd Congressional District. Isle of Wight & Suffolk which would now be in the new 2nd Congressional District share more economically and culturally with Portsmouth in the 3rd than they do with Virginia Beach.

December 20, 2021

Page Two

The Ocean View and waterfront parts of Norfolk and Virginia Beach specifically should be together in federal representation due to their shared environmental concerns. Reports by leading environmental scientists state that sea level could rise by several feet along our shores by the end of the century should be raising serious alarm. Beyond the human cost of that disastrous possibility, the economic and infrastructural damage such a change could inflict on these communities is unthinkable.

It is clear to me that the Special Masters prioritized not splitting localities at the expense of splitting communities of interest in Hampton Roads. If this is allowed to proceed, I am concerned about the diluted representation our military installations and population will have in Congress.

Sincerely,

A handwritten signature in black ink, appearing to read "Thomas R. Smigiel Jr.", with a stylized, cursive script.

Thomas R. Smigiel Jr.
Councilman Ward 5



Post Office Box 273
McLean, Virginia 22101

December 20, 2021

Dear Justices and Special Masters,

I am writing on behalf of the McLean Citizens Association (MCA), which represents area households to local and state governmental bodies through a 40-member board of directors. We have served the interests of the Greater McLean community since 1914 and is the oldest civic association in Fairfax County.

We have reviewed the proposed redistricting maps for the Virginia Senate, Virginia House of Delegates, and Congress and are concerned that the Greater McLean community is split between neighboring districts in each proposal. While we understand many constitutional and statutory provisions are considered, for our purpose, these maps fail to preserve a community of interest (COI). The Greater McLean community shares a strong sense of "place" in orientation to our schools as well as public services, including police and fire protection, libraries, senior centers, and park facilities, of which these boundaries ignore.

The memoranda submitted by the Special Masters notes, "we acknowledge there are likely other communities of interest of which we are not aware. We look forward to receiving the commentary...of the public to help improve the map in this regard." We indeed hope for the maps to be improved upon and ask your consideration in keeping our historic Great McLean community together.

Thank you for your time and efforts on behalf of the Commonwealth.

Respectfully,

A handwritten signature in black ink that reads "Rob Jackson". The signature is written in a cursive, flowing style.

Robert H. Jackson
President

From: [Penny Livesay](#)
To: [Redistricting](#)
Subject: Don't lump Giles County with Blacksburg, please
Date: Monday, December 20, 2021 10:54:48 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

I oppose the plan to lump rural Giles county together with prosperous, rapidly growing Blacksburg. Having lived for more than a decade in Blacksburg and now for more than 20 years in Eggleston, I can assure you that the two do not form a rational community of interest. Giles County needs sustainable economic development, public transportation options for the isolated rural poor, and more resources to address a severe and worsening epidemic of addiction that both arises from and fuels the lack of hope and opportunity here. (For example, there is a desperate need for affordable housing for those recovering from addiction).

Giles County has great natural beauty and agricultural interests, both of which need to be preserved and developed sustainably to support local communities - for instance, with its access to the Appalachian Trail and the New River, it has great potential for expanded ecotourism that would preserve our natural resources and provide long-term economic opportunities in the community.

Giles County needs a representative who will recognize and work for its unique interests and for its residents. Blacksburg has a more affluent and on average more educated population whose demands would, I fear, likely drown out Giles County's urgent but differing needs. Instead, I believe Blacksburg and Roanoke form a far more rational community of interest and are much more reasonably paired in the same district. There are very strong economic and transportation links between the two, and VT has already expanded its campus to Roanoke by placing the Carilion School of Medicine there; they did not choose to bring that campus and its attendant jobs to Giles County.

I have spent the past five years running a children's book donation project, Open Book for the New River Valley, which works with numerous community partners such as Head Start, New River Valley Community Services, and the Giles Co. Health Department, and attend the Giles Co. focus group, which brings together representatives from these and many other organizations, as well as law enforcement, which has taught me much about the needs of our local communities. Please don't eviscerate our county's ability to work for its own interests by placing us in the same district with thriving, prosperous Blacksburg.

Sincerely,

Laura P. Livesay

From: [Liam Barlow](#)
To: [Redistricting](#)
Subject: Public Comment
Date: Monday, December 20, 2021 10:56:20 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

To whom it may concern,

During my 4 years at Virginia Tech and in Blacksburg, I had the privilege to work on 3 campaigns for the House of Delegates in the current HD12. Despite being a brutal gerrymander that split the campus of Virginia Tech in half, this district saw multiple competitive elections. However, the newly proposed HD41, instead of better uniting communities of interest, divides Virginia Tech and Radford into separate districts while connecting Virginia Tech to communities even further away with even less in common. Speaking as a 3x organizer in this region, I can attest that this district, while nominally competitive, is unlikely to change hands this decade as drawn. I encourage the Court and special masters to once again unite Blacksburg with Radford while keeping Tech's campus whole. The resulting district will be highly competitive and give a chance for Virginia's youth- from either party- to influence who represents them in the General Assembly.

With Thanks and Happy Holidays,

William Barlow
Virginia Tech Alumnus '21
Resident of Blacksburg, VA

December 20, 2021

Dear Justices of the Supreme Court,

As President of the Greater Wilton Woods Citizens Association, I'm asking you to reconsider the proposed changes to the existing 43rd and 44th districts (the newly proposed 16th and 17th districts). The proposed changes will dilute our neighborhood voice in the Virginia legislature. By not considering community boundary lines and Fairfax County School District Pyramids lines the proposed changes cause unnecessary community splits in my area.

Boundary of the Greater Wilton Woods Citizens Association



The Clermont precinct (423) and the Mt. Eagle precinct (408) should be included in the new district 17. The new District 17 should mirror the current District 43 and to balance that, the new District 16 should mirror the current District 44.

Thank you and I hope you will consider and implement my comments.

Lawrence Dempsey
President, Greater Wilton Woods Citizens Association

From: [Karen Mask](#)
To: [Redistricting](#)
Subject: Proposed map comments
Date: Monday, December 20, 2021 11:02:25 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Chief Justice and Justices of the Virginia Supreme Court,

Thank you for the opportunity to address the Court on Friday, December 17, 2021 regarding the proposed congressional map. I am providing my written comments as a follow up to my public testimony for the record.

Thank you,
Karen Mask

Good afternoon. My name is Karen Mask and I am a resident of Chesterfield County. To the Supreme Court Justices - thank you for allowing me the opportunity to address the Court today. Thank you also to the Court's Special Masters and administrative staff for their work during this process.

My family and I relocated to the Richmond metro area from Atlanta, Georgia in the summer of 2015. As we researched the various localities prior to our move, we discovered that the City of Richmond, Henrico County, and Chesterfield County were thriving intertwined communities that afforded great housing, employment, healthcare, and economic flexibility for families like ours. Ultimately, we bought a house in Chesterfield County so our sons could attend the county's excellent public schools. We have established healthcare relationships with providers in Chesterfield, Henrico, and even in Charlottesville. We are employed in Richmond and Henrico and, lastly, shop and enjoy entertainment venues in all four localities I've mentioned.

This background highlights the first issue I have with the December 8 Map - **the map tears apart Central Virginia communities of interest**; including the Richmond,

Henrico, and Chesterfield corridor and the I-64 corridor from Western Richmond to Charlottesville. We must do better.

Secondly, **the December 8 Map packs Black voters into congressional districts 3 and 4**, effectively weakening the strength of the Black vote in the region.

The 2020 Census demonstrated significant minority population growth in Virginia and the voices of these minority voters deserve to be heard. We must do better.

Thirdly, **the December 8 Map disproportionately adversely affects the three Congresswomen currently serving Virginia and, subsequently, the constituencies they serve**. My constituency, the current 7th congressional district, would be spread across 5 congressional districts in the new map. Similar disruptions to incumbent constituencies - meaning the communities who are served together under our current maps - would occur across the state, such as in the Hampton Roads area. Those responsible for redistricting have a duty to produce new maps that meet legal requirements while minimizing change. We must do better.

It has been suggested that there isn't a way to keep central Virginia communities together in the redistricting process. I respectfully disagree. The Farkas Map presented to the Court addresses the concerns I've outlined today, resulting in a fair map that complies with federal and state law. Specifically, the Farkas Map:

- creates compact districts which maintain communities of interest while minimizing change
- protects the voting strength of Virginia's growing minority population and
-

equally distributes voters across the 11 congressional districts

We must do better. The Farkas Map better addresses the redistricting needs of Virginia and **I urge the Court to consider the Farkas Map in its deliberations.**
Thank you for your time.

From: [Jerry Sovich](#)
To: [Redistricting](#)
Subject: redistricting
Date: Monday, December 20, 2021 11:08:13 AM

EXTERNAL EMAIL

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The proposal to remove Norfolk from the 2nd district smacks of Gerrymandering. Virginia Beach and Norfolk have similar environments and concerns and should not be separated.

Jerry Sovich

December 20, 2021

Clerk of the Supreme Court of Virginia

Re: Rules and Procedures for Implementing the Requirements of Article II, Section 6-A (comments on proposed Senate redistricting map of Chesterfield County)

To Whom It May Concern,

By separating Chesterfield County, Henrico County and Richmond, the proposed map treats these communities as if they are not in fact a highly integrated “community of interest,” its residents linked by opportunities, highway systems, employment opportunities, medical care and other services, shopping, arts and recreation.

As part of this community, Chesterfield County, where my family has lived for 37 years, is increasingly politically “competitive” and a new Senate map should preserve this positive quality that makes government more responsive to voters. Yet, rather than preserving this increasing competition, the proposed separation of Henrico, Chesterfield and Richmond from each other reduces competition. The effect becomes even more extreme with the further subdivision of both Henrico and Chesterfield along north-south lines, splitting each into noncompetitive districts.

Chesterfield is also now racially and culturally diverse. This matters greatly to us, to our church and its justice-seeking mission. With more than 40% non-white voters in the 2020 census, Chesterfield’s diversity could have been honored by creating minority “opportunity districts”—another value that should be defended in new maps--where one constituency could have an amplified voice by allying with other groups. Instead, by chopping up the county into vertical slices, the proposed map “packs” much of our minority vote into a single Senate district (15). The West-East subdivision of Henrico has the same undesirable impact on that county.

Thank you for considering these concerns.

Herschell Emery
3509 Walkers Ferry Rd
Midlothian, VA 23112

From: [Nancy Lazier](#)
To: [Redistricting](#)
Cc: [nancy lazier](#)
Subject: Comments on redistricting
Date: Monday, December 20, 2021 11:26:09 AM

EXTERNAL EMAIL

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As a resident of Virginia Beach for 46 years I've watched Virginia Beach change from a bedroom community of Norfolk to the largest city in the state. It is apparent that the Norfolk and Va Beach communities share the same interests and challenges. Our mutual military presence makes it easier for our legislators to address our concerns. The 2nd CD should continue to encompass Va Beach and Norfolk so we can move forward with what's in the best interests to support our military, wives, and children. Additionally we face the same new climate/ environmental challenges. Therefore please allow the 2nd Congressional District to remain intact.

From: ppotts@verizon.net
To: [Redistricting](#)
Subject: Support for House/Senate Maps
Date: Monday, December 20, 2021 11:27:06 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Dear Virginia Supreme Court:

I am writing to support the House and Senate maps created by the Special Masters. The borders do an excellent job representing communities of interest in Arlington while keeping our representation compact. Keeping communities of interest together, such as the Rosslyn-Ballston metro corridor, Halls Hill, and Green Valley, will keep our diverse community strong and represented. In addition, including Falls Church City along with Arlington also makes sense given we already share our judicial functions and several constitutional officers. Both the House and Senate maps accomplish this goal.

I urge the Supreme Court to adopt without change the proposed House and Senate maps that respect the unique and individual communities of interest in Arlington and Falls Church.

Respectfully,

Paula Potts
604 A N Tazewell St
Arlington, VA 22203

BOARD OF SUPERVISORS

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COUNTY OF PRINCE EDWARD, VIRGINIA

December 20, 2021

COUNTY ADMINISTRATOR

Douglas P. Stanley, AICP, ICMA-CM

Post Office Box 382
111 N. South Street, 3rd Floor
Farmville, VA 23901

Office: (434) 392-8837
Fax: (434) 392-6683

dstanley@co.prince-edward.va.us
www.co.prince-edward.va.us

VIA EMAIL @ REDISTRICTING@VACOURTS.GOV

Ms. Muriel-Theresa Pitney, Clerk of the Court
Supreme Court of Virginia
100 North 9th Street, 5th Floor
Richmond, Virginia 23219

Dear Ms. Pitney:

I write on behalf of the Board of Supervisors of the County of Prince Edward, Virginia, as we wish to provide input and express several concerns regarding the proposed Redistricting maps for the establishment of voting districts for the Virginia General Assembly.

1. The redistricting maps, as proposed, have split the County of Prince Edward between two Senate Districts and two House of Delegates Districts. For a small rural community, this separates our community of interest essentially in four different directions. By carving up our county into four dissimilar General Assembly districts, Prince Edward County's voice in the Virginia General Assembly is minimized.
2. The current House of Delegates map could make it virtually impossible for the County of Prince Edward to meet the *equal population requirement* for state legislative districts. As currently drawn, the Prince Edward County population included in House District 56 totals 2,890 people. The optimum population for our eight local election districts is 2,716. This is a deviation of 174 people, or 6.41%. Two issues come into play using the current map:
 - a. The U.S. Supreme Court has held that local election districts are subject to the *substantially equal population standard*. The County of Prince Edward should have populations that are substantially equal to each other, with a plus or minus five percent deviation from the ideal district population. The current map creates a +6.41% deviation for the County's District 2 (Lockett); and
 - b. Section 24.2-307 of the *Code of Virginia*, 1950, as amended, reads: "Each precinct shall be wholly contained within a single congressional district, Senate district, House of Delegates district, and election district used for the election of one or more members of the governing body or school board for the county or city." If the current House of Delegates map is approved, the County is locked into keeping local District 2 (Lockett) as drawn in order to meet the requirements of the Section 24.2-307. This puts the County in violation of the *substantially equal population standard*.

While the Board of Supervisors unanimously opposes the injurious subdivision of our county by the draft plan, pragmatically, we would ask the Court, at a minimum, to consider one change to the House of Delegates districts map. Moving one Prince Edward County Census Block (we provide the attached map highlighting an example of a block that could be moved) from House District 56 to House District 50 (from local District 2 into local District 3) will cure the local issues outlined above and enable the County of Prince Edward to comply with the *substantially equal population standard* and the requirements of Section 24.2-307 of the *Code of Virginia*.

Muriel-Theresa Pitney
December 20, 2021
Page Two

The County of Prince Edward is most appreciative of this opportunity to provide input and we thank the Court, in advance, for its consideration of our input and concerns. We stand ready to answer questions and provide additional information, if needed.

Respectfully,

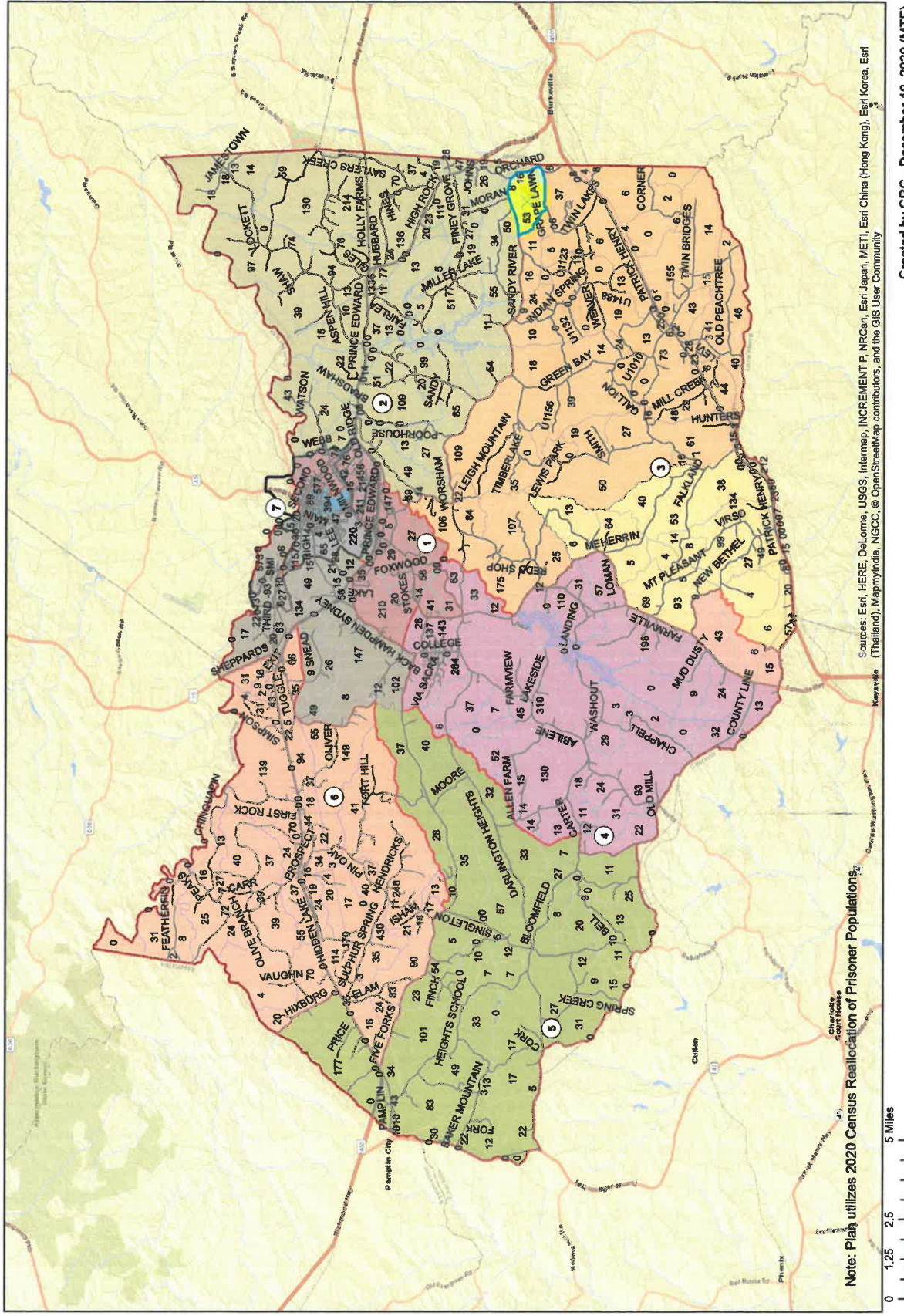
A handwritten signature in blue ink, appearing to read 'Douglas P. Stanley', with a stylized, cursive script.

Douglas P. Stanley
County Administrator

Attachment

Copy: Prince Edward County Board of Supervisors

Prince Edward County 2010 Election Districts Comparison to 2020 Census Data



United States Senate

WASHINGTON, DC 20510-4606

December 20, 2021

Ms. Muriel-Theresa Pitney
Clerk of Court
Supreme Court of Virginia
100 N. 9th Street, 5th Floor
Richmond, VA 23219

Dear Ms. Pitney:

We are writing to offer comment on the Special Masters' proposed Congressional Districts Map released on December 7, 2021. While the intention of the proposed map was to balance a number of competing considerations to create fairer maps, the result instead places the heavy weight of change on the three women in the delegation.

In 2009, there were no women representing Virginia at the federal level. Although Virginia had previously elected two women to the House of Representatives, a woman did not join our delegation again until 2011 and we did not have multiple women serving in our delegation until 2019. The three women in our delegation have served with distinction since being elected and now advocate for the interests of their districts and Virginia on key committees in Congress.

Although the proposed map makes some changes to each of Virginia's eleven Congressional Districts, the most impactful geographic changes occur in the three districts currently represented by women. The women representing Virginia's second and seventh districts would no longer live in the districts that they have now been elected twice to represent under these proposed maps. Additionally, Virginia's tenth district— also represented by a woman — was significantly redrawn.

This is not intended to be a partisan critique of the proposed maps. We are submitting these comments because we believe it is possible to spread the burden of changing district lines across the entire delegation rather than asking the women in our delegation to shoulder a disproportionate burden. Thank you for your consideration.

Sincerely,



Mark R. Warner
United States Senator



Tim Kaine
United States Senator

From: [David Suetterlein](#)
To: [Redistricting](#)
Subject: Redistricting: Do not needlessly split Roanoke Valley; NRV; or Augusta
Date: Monday, December 20, 2021 11:36:26 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Dear Justices,

Districts should be compact so citizens can have greater access to their legislators. The same partisan voices that inflicted the 2011 Senate gerrymander on our region want to again needlessly slice and dice the Roanoke Valley, New River Valley, and Staunton for partisan goals. These are different communities as represented by their different advocacy organizations, education systems, hospitals, and commuter habits.

Advocacy Organizations

Business interests have collectively organized in these distinct communities as the Roanoke Regional Chamber of Commerce; the Montgomery County Chamber of Commerce; and the Greater Augusta Regional Chamber of Commerce. The NAACP has three distinct branch chapters serving these regions including the Roanoke Branch NAACP; the Montgomery County - Radford City - Floyd County NAACP; and the Staunton NAACP. The local governments of Roanoke City, Roanoke County, the City of Salem, and the Town of Vinton collectively advocate with others through the Roanoke Valley-Alleghany Regional Commission; Montgomery County, Radford, Blacksburg and Christiansburg are all part of the New River Valley Commission; and Staunton is part of the Central Shenandoah Planning District Commission. Charities are similar organized in these regions with the United Way having three distinct chapters in each of these three communities.

Education

Virginia's K-12 school systems are almost exclusively organized by county and city and splitting jurisdictions usually means splitting local school communities. Even at the community college level these are distinct communities. Community college students from Roanoke County, Roanoke City, Salem, and Vinton attend Virginia Western Community College; Montgomery County, Radford, Christiansburg, and Blacksburg students attend New River Valley Community College; and Staunton students attend Blue Ridge Community College

Hospitals

Roanoke County, Roanoke City, Salem, and Vinton are served by Carilion's Roanoke Memorial Hospital and HCA's LewisGale Hospital. Montgomery County, Radford, Blacksburg, and Christiansburg are served by the Carillion New River Valley Medical Center and HCA's LewisGale Hospital Montgomery. Staunton is served by Augusta Health.

Commuter Habits

The picture of these communities is also reinforced by the Weldon Cooper's March 2018 report, Virginia Locality-to-Locality Commuting Data.

Roanoke County's top commuting partners are Roanoke City, Salem, and Botetourt County.

Roanoke City's top commuting partners are Roanoke County, Salem, Botetourt County, and Franklin County.

Salem's top commuting partners are Roanoke County and Roanoke City.

Montgomery County's top commuting partner is Pulaski.

Radford's top commuting partners are Montgomery and Pulaski.

Staunton's top 7 commuting partners do not include any community south of Augusta County.

When joining with like-minded citizens, seeking education, seeking healthcare, or going to work it's clear that the Roanoke Valley, New River Valley, and Staunton area have distinct, recognizable communities.

The legislative districts serving citizens in these regions should be drawn compactly to increase access to their legislators and not needlessly divided for partisan purposes.

Thank you for your consideration,

David Suetterlein

From: [Tommy Tomlin](#)
To: [Redistricting](#)
Subject: Special Masters Map for the Virginia Senate
Date: Monday, December 20, 2021 11:47:23 AM

EXTERNAL EMAIL

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The Special Masters' plan continues the split with the Counties of Lancaster, Northumberland, Richmond and Westmoreland from the 2010 redistricting.

Prior to 2010 redistricting these counties comprising the "Northern Neck of Virginia" and had been represented by Senator Richard Stuart, John Chicehect and Paul Mann which goes back for my voting lifetime(I am 64 currently).

These counties have been connected to various regional government bodies just as long or even longer. They are part of the 15th Judicial District, the Northern Neck Planning Commission #17, Three Rivers Health Department, Northern Neck Technical Center, and the Middle Peninsula-Northern Neck Counseling Center(CSB).

These counties have an extensive number of common interests and long term connections. Splitting these counties apart hurts regional cooperation and joint plans.

I respectfully request that these counties remain intact and together as they did prior to the 2010 redistricting process.

Respectfully submitted,

Thomas H. Tomlin
61 Shalango Drive,
Heathsville, VA 22473
Northumberland County

From: [Cheryl Brooks](#)
To: [Redistricting](#)
Subject: I oppose the new re-districting of Vinton VA
Date: Monday, December 20, 2021 11:48:43 AM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

To Whom It May Concern:

I am a citizen of the Town of Vinton of Roanoke County. I do not support separating the town of Vinton from the rest of the Roanoke Valley and lumping it in with communities from which it is geographically and socially isolated, seemingly for political purposes. In general, Congressional districts should be geographical. They should combine communities that are geographically close and socially knit together. This also intrinsically avoids re-drawing district boundaries to favor certain political entities or parties and also avoids segregating districts by race, as has been attempted in the past.

I strongly support keeping Vinton together with the other communities in the Roanoke Valley and NOT grouping it with communities as far removed as Staunton, which otherwise would have no connection with Vinton.

Thank you

Cheryl Brooks

641 Ramada Rd, Vinton, VA 24179

December 20, 2021

Clerk of the Supreme Court of Virginia

Re: Rules and Procedures for Implementing the Requirements of Article II, Section 6-A (comments on proposed Congressional redistricting map for Chesterfield County)

To Whom It May Concern,

As long-time residents of Chesterfield County, my family has experienced Greater Richmond as a single “community of interest” where shared opportunities, problems and solutions link diverse groups in countless positive ways. The proposed map fails to acknowledge the vital connections and shared interests of Chesterfield County, Henrico County and Richmond. By splitting our area apart along north-south lines, the proposed map dis-integrates our community. Worse yet, the map for Chesterfield then quite strangely links our community’s districts with rural communities to the West. Clearly this does not create coherent Senate districts around voters with shared interests, needs, concerns!

Furthermore, this mis-match reduces “competitive” districts in Chesterfield, which has become increasingly competitive. Competitive districts were supposed to be valued in the new maps, as they encourage responsive government. By joining of our community to rural ones to redraw our maps, the new map sacrifices competition and representation for both urban and rural communities.

Thank you for considering these concerns.

Herschell Emery
3509 Walkers Ferry Rd
Midlothian, VA 23112

From: [Pia Pell](#)
To: [Redistricting](#)
Subject: Redistricting Maps
Date: Monday, December 20, 2021 11:54:45 AM

EXTERNAL EMAIL

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Please do not gerrymander the Roanoke and New River Valley districts. Districts should remain compact for voting.

Pia Pell
VA resident

From: [Jane Dowrick](#)
To: [Redistricting](#)
Subject: comments on proposed maps for HOD-72 and US-5
Date: Monday, December 20, 2021 11:56:32 AM

EXTERNAL EMAIL

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I am writing to comment on the proposed VA House of Delegate #72 map as well as the US Congressional District #5. I am a resident of Midlothian precinct #504, currently in US District #7 and the VA House of Delegates District #68. I urge you to revisit the consequences of separating Midlothian (particularly in HOD Map District #72) from our true communities of interest in Chesterfield and the greater Richmond area.

I have been working, along with many others, to strengthen the public transportation services provided by the Greater Richmond Transit Company (GRTC) in the greater Richmond Metro area, in order to help people in the Metro area, especially the many who don't own cars, to access employment and vital services. I have served as a community volunteer since 2013, representing my church (located in the city of Richmond), along with RVA Rapid Transit, a non-profit organization advocating for public transportation in the Richmond Metro area. I fear the proposed US map #5 and VA map #72 would diminish our voices as advocates for the vital maintenance and extension of the public transportation system in the counties of Chesterfield and Henrico if we were represented by officials who would be focused on the very different transportation challenges of their rural constituents in Powhatan, Amelia, and Nottoway counties. Thank you for considering my comments.

Jane Dowrick
10936 Live Oak Court
Midlothian, VA 23113
804-334-0117 Mobile

From: [John Gregoire](#)
To: [Redistricting](#)
Subject: Public Feedback Regarding Redistricting Map for Virginia
Date: Monday, December 20, 2021 11:59:46 AM

EXTERNAL EMAIL

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Dear Sir/Madam,

I would like to take this opportunity to provide public feedback regarding the redistricting map of Va. presented by the courts. My comments focus on districts 69 and 71.

They are as follows:

1. Williamsburg has been separated from lower James City County, including Grove. The history of African Americans in the Historic Triangle links the City and Grove. For that reason, they should not be separated.
2. Lower James City County and Williamsburg rely on many of the same services in the Williamsburg area, such as transportation, healthcare, and social services.
3. The 69th district picks up a small portion of Gloucester. This is a very different community and should be part of a district that is on the other side of the York River with the rest of Gloucester County. This makes no sense and should be removed from the 69th district.
3. The new maps put Williamsburg in the 71st District, which runs all the way to Providence Forge. Williamsburg has always been part of Hampton Roads. This puts Williamsburg with other communities that extend up into the Richmond area instead of keeping it with other Hampton Roads communities. This needs to be rectified and remain in the Hampton Roads geography.

To make this make map more balanced and fairer, it is my recommendation to add Williamsburg back into the 69th and remove the portion of Gloucester from the 69th.

Looking at the redistricting map of Va. overall, there are several glaring deficiencies, including-

The December 8 Map fails to achieve population equality while fully abandoning a modest change approach.

The December 8 Map appears to impermissibly use race as a predominant factor.

The December 8 Map fails to respect communities of interest.

I believe the Farkas Map accounts for Virginia's population changes while ensuring compliance with federal and Virginia law. The Farkas Map provides equally

apportioned districts that are compact, share common community interests, and protect the voting power of Virginia's increasing racial and ethnic minority populations, consistent with all applicable laws and legal precedent. The Farkas Map achieves the goals that are more fully and consistent than the Special Masters' December 8 Map. It is my recommendation to use the Farkas Map as a template moving forward in this process.

The Virginia Supreme Court has an opportunity to come up with a plan for redistricting that will be a beacon for the rest of the country to emulate. Do not waste this opportunity or fall short of your responsibility to do what is best for this great state.

Thank you for your time and attention to this email.

John Gregoire
3282 Newland Court
Toano, Va. 23168

From: [Joe Reynes](#)
To: [Redistricting](#)
Subject: Not in favor of the proposed redistricting plan
Date: Monday, December 20, 2021 12:00:26 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Dear Sirs,

I am Joseph Reynes. I live at 401 Warren Crescent, Norfolk Virginia 23507. You can reach me at my e-mail jreynesf16@aol.com or phone 757-719-0323. I am against the proposed redistricting plan as currently laid out.

I would like to voice my displeasure and non-support for the proposed redistricting plan put forward. As a retired veteran of 35 years service and a 12 plus year resident of Virginia this proposed redistricting is not just biased in is unfair to veterans who serve their country and chose this area to live.

This plan will break the military and veteran populations that are essential to the socio-economic strength of the Hampton Roads area disadvantaging those who have served our country and continue to serve.

As an independent I was also disappointed that this plan unfairly targets three sitting women representatives and three register democrats in what is called fairness. The single act of placing these representatives out of their current districts places them at a disadvantage and does not represent the fairness of our forefathers. I could understand a split between parties and gender. But this appears to be a targeted messages against all women and democrats when we as a nation need to looking towards how we heal and understand our differences.

Bottom line: I do not agree or support the proposed redistricting plan as current laid out. We need to fix the current challenges to fairness but this plan does not do that and is even worse than what we have now. We need a bipartisan effort that includes, both parties and independents to make that happen.

Sincerely,

Joseph Reynes
Maj Gen USAF (RET)
Jreynesf16@aol.com
757-719-0323
401 Warren Crescent
Norfolk Virginia, 23507

Sent from my iPad

From: [Lawrence Knorr](#)
To: [Redistricting](#)
Subject: Testimony Letter
Date: Monday, December 20, 2021 12:03:23 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Your Honors, Virginia Redistricting Special Masters, and fellow Virginians,

My name is Lawrence Knorr, my wife, Karen, and I live in Midlothian, Va. We moved here in 2005 to continue my employment with DuPont, which has a large manufacturing and R&D facility in the Richmond city area. I found this was very common where I worked and lived; people working in and by the city and living in the surrounding smaller communities in Chesterfield and Henrico. Our first night here we and our young son, Daniel, went to a Flying Squirrels baseball game at the Richmond Diamond. The first of many trips there. Within a short period of time he began playing on the FC Richmond Travel soccer team and I became active in the Richmond Dive club. We learned about and started participating in the many cultural events, festivals, activities, and opportunities associated with being close to the city; concerts, heritage festivals, outdoor activities associated with the James River...

Over the years we have enjoyed and benefited from living close to Richmond, and Richmond has benefited from the many people like us who don't live there, but are close by and give of our time, talent, and treasure to activities and causes we care about and can marshal around due to their being a center of gravity which the city's size, breadth and diversity enables. Similarly, our local community benefits from the people who gain their economic security from employment in the city. We shop nearby and support local merchants, invest in our homes and neighborhoods raising property values and allowing higher funding of schools and support to our local community services and charities. Its clear this is our community of interest, and its a win win and our elected representatives should have squarely in the center of their responsibilities and priorities.

Our elected representatives need to put their energies into enhancing and growing this mutually beneficial relationship between Chesterfield, Henrico, and the city of Richmond; actively attracting potential new employers while aiding with legislation to keep the city attractive to current and potential future ones. They also need to understand the needs and realities of the surrounding communities that end up providing much of the people resources needed to successfully operate businesses. The communities need to stay attractive as places to live in to attract the talented people who the companies need. We've all seen what happens when a significant employer leaves an area; large numbers of house sales that need to happen quickly, property values decline, and the whole community is negatively impacted. We need coherent, unified legislative representation that can only be realistically provided by having the same person represent our full community of interest. I believe this is a key reason the communities of interest criteria is a key provision of the redistricting effort.

The current redistricting maps further divide the communities of interest of Chesterfield, Henrico and Richmond beyond what is required by the guiding criteria. If accepted, I will live in a voting district that is more gerrymandered than before, largely dominated by rural voters who do not share my same community of interest, needs and desires. I urge you to keep these areas together as much as possible.

It is crucial at this period in time when the foundations of democracy, our voting and election processes, are under attack that this redistricting be done extremely well. I understand this has been very contentious, a large amount of effort has been spent, and there are many special interests, barriers, and realities. It is now to the courts to decide. I urge you to do what in your heart of hearts you know is right, even if it is not the path of expediency. You are the final decider because there is confidence that we are still a country that operates under the rule of law, and you will. This is too important to not have it done very well; for us now, and for our future. I urge you to be open to all avenues to get us to the desired end result, regardless of where they come from. Your service is very appreciated, as is this opportunity to present to you.

December 19,2021

Muriel-Theresa
Pitney
Supreme Court of
Virginia
Street, 5th Floor
1315

Clerk of Court

100 North Ninth
Richmond, Virginia 23219-

Dear Madam Clerk:

My name is Shaun Brown, I am a lifelong resident, born and raised in Virginia, attending Brown University, The London School of Economics and St.Hilda's College, Oxford University. I urge this Court to reject the voting maps submitted by the Special Masters because they sharply limit the number of majority-Black Senate and House Districts throughout Virginia.

My first experience with speaking out and fighting the lawsuits and backroom negotiations to dilute the vote of Black Virginians started when I graduated and returned home from Brown University in 1980 soon becoming one of the youngest members of the Democratic Party's Central Committee representing Newport News. On the Peninsula, the City of Newport News, led the way for single member districts at the local level. That set the tone for a single member district fight for House of Delegate seats that would insure not just Black representation but Black representation that reflected the neighborhood, socio-economic and class issues of the community. More than just securing a Black face, the neighborhood and community consensus, was to insure a Black face that was tied to the community. At that time there were several vibrant civic and community organizations throughout the City of Newport News, not just in the Black community. This issue of the type of Black representation was a problem for the House of Delegate, State Senator, now Congressman Bobby Scott who fought against us in favor of multi-member House of Delegate Districts. The thinking was that there was a need for a Black representative that could better serve the Black communities' interest by using leverage by negotiating an agenda, and placing the needs of all, over the specific needs and issues of the Black community. Congressman Scott intervened and derailed an agreed-upon plan for the drawing of City Council districts in Newport News, under the Department of Justice purview at that time. The City of Newport News was one of the last cities in the United States to integrate its school system.

The local NAACP, former Councilwoman and Mayor, Virginia Democratic Party's Vice Chair Jessie Rattley's public hearing consensus and the Newport News Republican

Party all agreed on six single member districts in Newport News with the mayor elected at large. At the time, the mayor was selected by the council. The intervention resulted in three districts (south, central and north) with 2 members each with the mayor elected at large in Newport News which has not always served the Black communities' interest, as anticipated in the 1980s. Congressman Bobby Scott, former Councilmember Charles Allen (now deceased), and local civil rights Attorney Oscar Blayton, we were told, met with the Justice Department officials who were waiting for the public hearing and community meeting outcome. They derailed the agreed on single member district plan.

Today's maps remind us of that same fight from the 1980s, in Newport News and around Hampton's school board seats district lines. Asking the Black community to once again place our issues behind and aside, reminds me of when I was told early on that the Virginia Democratic Party would concentrate on the needs of the middle class White Virginians. It was the impact of the then Democratic Leadership Council that was not in the Democratic Party, but an unofficial effort formed outside of the Party to move the Party to the center. Much of that strategy in moving the Party to the center to break the Republican stronghold then as it is now undermines the needs of Black Virginians and other protected groups.

During the 1980s until now, I have served as a member, executive committee member, founder or President of many organizations including Newport News'Neighborhood Council 24-34A Inc, (civic organization); Hampton's Coalition for Justice, (statewide civil rights); YWCA of the Virginia Peninsula, board member under 30 and in the 2000s; Candidate for Democratic Nomination, 2nd Congressional District, Virginia 2018, (Certified as a Independent-Ballot Controversy); Democratic Nominee, 2nd Congressional District, Virginia (2016); Progressive Democrats of America 2016; 2016 Bernie Sanders for President National Delegate the Democratic National Convention; Rev. Al Sharpton's National Action Network, Virginia Representative ; Founding Board Member of The Newport News Community Free Clinic; Save Our Southeast; Restore Inner City Peace (cease fire); as well as continuing to work with numerous candidates for local, state, and national office, including my own runs for city council, the Virginia House of Delegates, 95th District and Congress. I have been on the frontline fighting child hunger, gentrification, police shootings, coal dust environmental racism, police brutality, mass incarceration and fighting for voting rights, small businesses, entrepreneurs , inner city and rural economic development, real local police accountability commissions for each city or county, industrial development, removal of Confederate monuments, jobs, prison reform and affordable housing. These are all issues along with kitchen table issues that can be directly impacted by like minded neighborhood and community focused elected representatives in Virginia at all levels of public office. This is not a new fight. It is an

important fight for the very essence proclaimed by the Emancipation Proclamation that took until the 1960s to reach much of Hampton Roads.

Section 2 of the Voting Rights Act prevents “a denial or abridgement of the right of any citizen of the United States to vote on account of race or color.” 52 U.S.C. § 10301(a). Such a “denial or abridgment” occurs if “the political processes leading to nomination or election in the State or political subdivision are not equally open to participation” by members of a protected class “in that its members have less opportunity than other members of the electorate to participate in the political process and to elect representatives of their choice.” *Id.* § 10301(b).

If approved, the Special Master’s maps will reduce the number of Senate Districts to two, and the number of House Districts to five. Reducing majority-African American voting districts by more than half harms Virginia's Black Americans. But again, members of the Court, this is not a new story for Black Virginians.

Yes, I have highlighted the City of Newport News. But again, let us now forget the Emancipation Proclamation some 158 years ago and the harm of not freeing all Black Virginians in now West Virginia, including Berkley, Accomac, Northampton, Elizabeth City, York, Princess Ann, and Norfolk, including the cities of Norfolk and Portsmouth in 1863.

Transcript of the Proclamation

January 1, 1863

A Transcription

By the President of the United States of America:

A Proclamation.

Whereas, on the twenty-second day of September, in the year of our Lord one thousand eight hundred and sixty-two, a proclamation was issued by the President of the United States, containing, among other things, the following, to wit:

"That on the first day of January, in the year of our Lord one thousand eight hundred and sixty-three, all persons held as slaves within any State or designated part of a State, the people whereof shall then be in rebellion against the United States, shall be then, thenceforward, and forever free; and the Executive Government of the United States, including the military and naval authority thereof, will recognize and maintain the freedom of such persons, and will do no act or acts to repress such persons, or any of them, in any efforts they may make for their actual freedom.

"That the Executive will, on the first day of January aforesaid, by proclamation, designate the States and parts of States, if any, in which the people thereof, respectively, shall then be in rebellion against the United States; and the fact that any State, or the people thereof, shall on that day be, in good faith, represented in the Congress of the United States by members chosen thereto at elections wherein a majority of the qualified voters of such State shall have participated, shall, in the absence of strong countervailing testimony, be deemed conclusive evidence that such State, and the people thereof, are not then in rebellion against the United States."

Now, therefore I, Abraham Lincoln, President of the United States, by virtue of the power in me vested as Commander-in-Chief, of the Army and Navy of the United States in time of actual armed rebellion against the authority and government of the United States, and as a fit and necessary war measure for suppressing said rebellion, do, on this first day of January, in the year of our Lord one thousand eight hundred and sixty-three, and in accordance with my purpose so to do publicly proclaimed for the full period of one hundred days, from the day first above mentioned, order and designate as the States and parts of States wherein the people thereof respectively, are this day in rebellion against the United States, the following, to wit:

Arkansas, Texas, Louisiana, (except the Parishes of St. Bernard, Plaquemines, Jefferson, St. John, St. Charles, St. James Ascension, Assumption, Terrebonne, Lafourche, St. Mary, St. Martin, and Orleans, including the City of New Orleans) Mississippi, Alabama, Florida, Georgia, South Carolina, North Carolina, and Virginia, (except the forty-eight counties designated as West Virginia, and also the counties of Berkley, Accomac, Northampton, Elizabeth City, York, Princess Ann, and Norfolk, including the cities of Norfolk and Portsmouth[]), and which excepted parts, are for the present, left precisely as if this proclamation were not issued.

And by virtue of the power, and for the purpose aforesaid, I do order and declare that all persons held as slaves within said designated States, and parts of States, are, and henceforward shall be free; and that the Executive government of the United States, including the military and naval authorities thereof, will recognize and maintain the freedom of said persons.

And I hereby enjoin upon the people so declared to be free to abstain from all violence, unless in necessary self-defence; and I recommend to them that, in all cases when allowed, they labor faithfully for reasonable wages.

And I further declare and make known, that such persons of suitable condition, will be received into the armed service of the United States to garrison forts, positions, stations, and other places, and to man vessels of all sorts in said service.

And upon this act, sincerely believed to be an act of justice, warranted by the Constitution, upon military necessity, I invoke the considerate judgment of mankind, and the gracious favor of Almighty God.

In witness whereof, I have hereunto set my hand and caused the seal of the United States to be affixed.

Done at the City of Washington, this first day of January, in the year of our Lord one thousand eight hundred and sixty three, and of the Independence of the United States of America the eighty-seventh.

By the President: ABRAHAM LINCOLN
WILLIAM H. SEWARD, Secretary of State
National Archives

I ask that you reject these maps in the name of a just life that can only be defined for me by Bible law, because of a liberation theology that was ingrained in me early at age nine when I recall playing hopscotch on my grandmother's sidewalk on 31st Street in Newport News, Virginia. I ran in the house for a cool glass of water passing the television reporting that Dr. Martin Luther King had been killed. I looked up at my grandmother more than once who was seasoning the chicken to fry in the brown paper bag and making hot rolls. Seemingly not phased, the First Gravel Hill Baptist Church Deaconess, Caroline Melinda Rowlett Hill, simply said to me "remember he said that he may not make it there with us". My grandmother had boarded the bus in Newport News, Virginia to attend the "March on Washington in 1963". She had heard Dr. King's "I Have a Dream Speech." As a kid that day in April 1968, I became a part of the "us" in the movement and understood that others had to carry on the fight. We are our brother's keeper and we must possess a righteous anger when people are not treated fairly. This practical wisdom involves what I call a "perpetual sensitivity" to what a situation requires even when it is important to speak to the unequal use of government policies.

Is the promise of a promised land the same for all people? And who are the people? Your decisions in accepting or rejecting these maps will determine who the people are. Do we not have a right to be represented by people who are among us. It is beyond a civil right, it is a human right.

My Virginia Powhatan Confederacy family sought refuge in Black Virginia houses of worship so as not to perish, as a result of the creation of the British Proclamation and line of demarcation in the Western part of the State of Virginia in 1763. That too was a line drawn to "choose the people", a line that was drawn to keep the colonists east and Native Americans west. This Royal Proclamation of 1763 was very unpopular and angered the colonists. They felt the British wanted to keep an eye on them. By 1840, tens of thousands of Native Americans had been driven off of their land in the southeastern states and forced to go West in the Trail of Tears including my ancestors.

Finally, I ask that this Court recognize the relevance of ancient biblical laws, the foundation of our legal system, dating back to the "chosen people" in the Old Testament and the promise of a promise land in the covenant theology of the Book of Genesis and the Book

of Deuteronomy. You will determine the “chosen people” and control the promise of the promise land for Black Virginians in your decision here in the State of Virginia, the home of the first representative government in British North America in what came to be known as the "new world".

My hope is that you follow the 563 Commandment. Judge righteously. (Leviticus 19:15).

Miss Shaun Brown
1 Beatrice Drive
Hampton, VA
23666
4095

757-849-

From: [Viju Singh](#)
To: [Redistricting](#)
Subject: Proposed Redistricting Maps
Date: Monday, December 20, 2021 12:05:27 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Respected Justices,

I am writing to you very disappointed with the proposed redistricting maps whether they are for Congressional districts or Virginia House of delegates and senate. I live in Midlothian, shop in Chesterfield & Henrico, our Hindu Temples are in Henrico, Chesterfield and Goochland and I have volunteered in City of Richmond schools for many years. In short, Central Virginia area is integral to my living. By lumping Midlothian with rural 5th district, my family has nothing in common with that district. The proposed maps will harm regional cooperation related to Central Virginia in developing infrastructure, transportation(GRTC), education and many other cultural ties that exist now. The new maps will further divide rather than unite communities of common interests and have unintended consequences of Virginians losing confidence in electoral systems.

The redistricting must be done by keeping communities of interest together at the same time having contiguous and compact districts. It has been done before and can be done again.

Thank you.

Mrs. Vijaylaxmi Singh
11531 Nicholas trace Court
Midlothain, VA 23113
804-272-4622



December 20, 2021

VIA EMAIL @ REDISTRICTING@VACOURTS.GOV

Ms. Muriel-Theresa Pitney Clerk of the Court
Supreme Court of Virginia
100 North 9th Street, 5th Floor
Richmond, Virginia 23219

Dear Ms. Pitney:

I am writing on behalf of the Farmville Area Chamber of Commerce located in Prince Edward County, Virginia. We would like to offer input and express concerns regarding the proposed Redistricting maps for the establishment of voting districts for the Virginia General Assembly.

The redistricting maps, as proposed, have divided the County of Prince Edward by both Senate Districts and House of Delegate Districts. This separates our rural community, and divides the community into different directions, minimizing the County's voice in the Virginia General Assembly.

The current House of Delegates map will make it difficult for Prince Edward County to meet population requirements for state legislative districts. The current map potentially places Prince Edward County in deviation of the ideal district population.

We would ask the court to change the current draft plan by moving one Prince Edward County Census Block from House District 56 to House District 50, from local District 2 into local District 3. We believe this will allow the County of Prince Edward to comply with the substantial equal population standard and maintain the County's voice in the Virginia General Assembly.

The Farmville Area Chamber of Commerce is grateful for the opportunity to provide input and we thank the court for its consideration.

Respectfully,

Anne Tyler Paulek

Anne Tyler A Paulek

Farmville Area Chamber of Commerce

Executive Director

Post Office Box 361

Farmville, VA 23901

director@farmvilleareachamber.org

www.farmvilleareachamber.org

From: faye-hsln.62@verizon.net
To: [Redistricting](#)
Subject: Redistricting Maps
Date: Monday, December 20, 2021 12:14:59 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

To: The Honorable Justices of the Virginia Supreme Court

Our address in Henrico County is currently in Congressional District 7. Under the proposed redistricting plan we would be in C.D. 4. If it is not feasible for all of Henrico to be in the same district, we would like the portions of Henrico that are currently in district 7 to be included in new C.D. 1.

We are currently in Senate District 12. Under the proposed plan we would be in S.D. 14. We would like to see the boundary of proposed S.D. 16 moved farther east to incorporate our address.

We are currently in House District 72 but would be in proposed H.D. 80. We would like to see the boundary of proposed H.D. 57 moved farther east to incorporate our address.

Thank you for your consideration of our requests.

Faye Weems
2505 Pershing Avenue, Henrico, 23228

From: [Ethan Darrow](#)
To: [Redistricting](#)
Subject: Redistricting Maps
Date: Monday, December 20, 2021 12:15:46 PM

EXTERNAL EMAIL

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Making the 5th district more manageable makes sense. The old 5th district was larger than the state of NJ. Having an area that large did not allow proper representation by a single individual.

Ethan Darrow
PO BOX 72
Faber, VA 22938

Have a great day!

From: [James Scott](#)
To: [Redistricting](#)
Subject: Redistricting.
Date: Monday, December 20, 2021 12:18:34 PM

EXTERNAL EMAIL

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To the Court:

I believe the proposed House of Delegates map needs significant modification, especially in House of Delegates Districts 69 and 71, the two districts that would include all of Williamsburg and James City County. Delegate Mike Mullin has recently moved to the 69th. Williamsburg is included in the 71st. Redistricting will make both House of Delegates districts very Republican if they aren't changed.

1. Williamsburg has been separated from lower James City County, including Grove. The history of African Americans in the Historic Triangle links the City and Grove. For that reason, they should not be separated.
2. Lower James City County and Williamsburg rely on many of the same services in the Williamsburg area, such as transportation, healthcare, and social services.
2. The 69th moves across the York River and picks up a small portion of Gloucester. This is a very different community and should be part of a district that is on the other side of the York River with the rest of Gloucester County.
3. The new maps put Williamsburg in the 71st District, which runs all the way to Providence Forge. Williamsburg has always been part of Hampton Roads. This puts Williamsburg with other communities that extend up into the Richmond area instead of keeping it with other Hampton Roads communities.

Regarding the state senate map, I request that Poquoson be put in the 23rd District (Hampton) for the following reasons:

1. It would preserve the community of interest that exists between Hampton and Poquoson. They have a shared geography as the Peninsula's two Atlantic-facing localities.
2. Both Poquoson and Hampton sit on the Back Bay River.
3. In 2019 the court adopted a special master-recommended House of Delegates District that consolidated parts of Hampton and Poquoson into one district.
4. Redrawing Districts 23 and 24 as suggested would put more of Newport News into the same district, minimizing splits in counties and cities.
5. The Newport News-Williamsburg Airport would be in the same district as Newport News and Williamsburg!

Thank you for your consideration.

James A. Scott
Williamsburg, VA 23188

From: [annettemariebruce](#)
To: [Redistricting](#)
Subject: House districts 69 and 71
Date: Monday, December 20, 2021 12:21:15 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Please leave Grove in the Williamsburg in the same area district. Grove benefits from this economically.. This poor community cannot be "lost" in another district.
Please keep lower James City County with Williamsburg.
Thank you.
Annette Bruce, James City County resident

Sent from my Verizon, Samsung Galaxy smartphone

From: [S. Simpson](#)
To: [Redistricting](#)
Subject: Fwd: 7th, 10, 10th & 11th Congressiona Districts
Date: Monday, December 20, 2021 12:25:37 PM
Attachments: [image.png](#)

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Subject: 7th, 10th & 11th Congressiona Districts

To: The Justices of the Virginia Supreme Court and the Special Masters:

Overall the proposed Congressional maps reflect a logical, rational approach that is consistent with the applicable criteria. A few minor adjustments would address many of the criticisms submitted to the Court. A proposed map is pasted below and can be found at <https://districtr.org/plan/94818>.

First, to address the many concerns raised by the citizens of Albemarle and Charlottesville and the areas surrounding Charlottesville, move the southerner border of the 10th District north to the Green and Orange County lines. This proposed 10th District is marked in the Gray Blue color.

Second, to address the many concerns raised by citizens in northern Spotsylvania County and the area surrounding Fredericksburg, move those northern Spotsylvania precincts from the 10th to the 7th Congressional District as reflected on the map pasted below and at the URL. This proposed 7th District is marked in the Light Green color.

Third, to accommodate the population impact of these two changes in the 10th District, move the eastern border of the 10th District at Loudoun County east to the Reston Parkway and the intersection of Reston Parkway and Wiehle Avenue, and east from Loudoun to Utterback Store Road as shown on the map pasted below and at the URL. This western portion of Fairfax County is closely aligned with the eastern portion of Loudoun County, and Reston Parkway, Wiehle Avenue and Utterback Store Road serve as natural defined boundaries.

Fourth, to ensure population balance for the proposed 11th District, move the southern boundary of the 11th District into Prince William County to incorporate Lake Ridge and Woodbridge which are closely connected in community of interests to the rest of the 11th District. The Prince William County Parkway forms a natural defined southern boundary for most of this District. This proposed 11th is marked in the Yellow color.

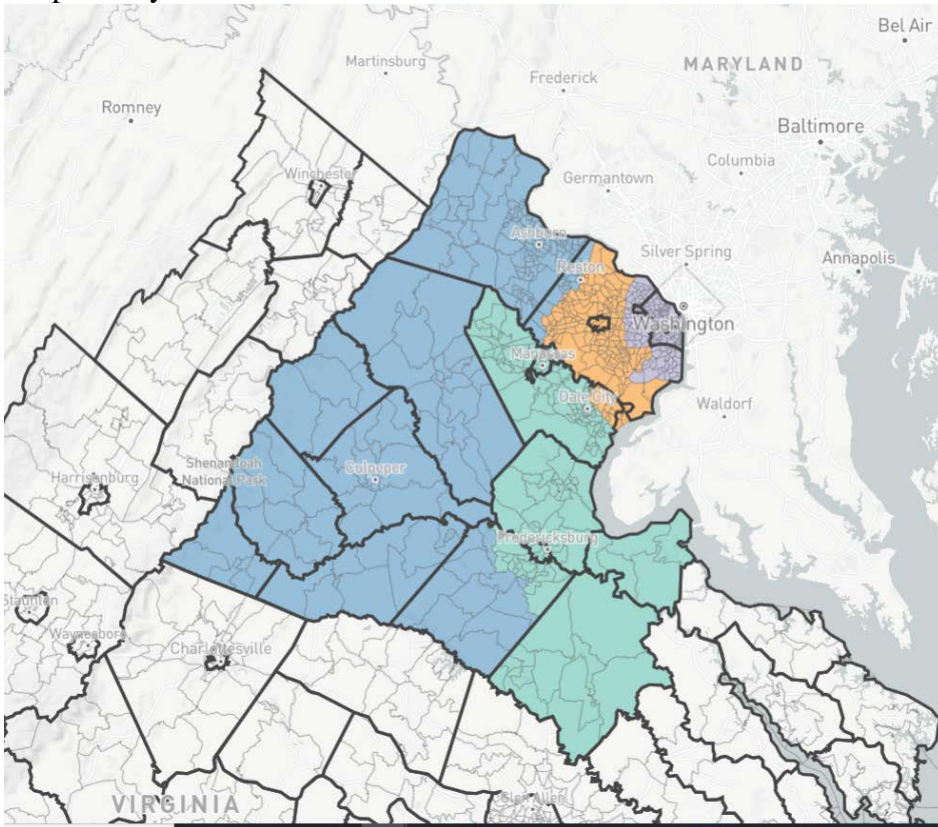
Fifth, to ensure population balance for the proposed 7th District, extend the boundary of the 7th District to include King George County and Caroline County. This change would also address some of the concerns raised that more of central Virginia should be included in the 7th.

Sixth, there are no changes to the Special Masters' proposed 8th District.

Seventh, there would need to be similar minor adjustments to the 1st and 5th to balance populations.

In summary, these proposed changes address many of the citizens' concerns, are balanced from a population perspective, are consistent with the communities of interests, and reflect the same political competitive balance as the Special Masters' maps.

Respectfully submitted.



From: [Vihstadt, John](#)
To: [Redistricting](#)
Subject: VIRGINIA SUPREME COURT PROPOSED STATE GENERAL ASSEMBLY DISTRICTS
Date: Monday, December 20, 2021 12:27:41 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Dear Virginia Supreme Court:

As an Arlington County voter, I am writing to support adoption of the Special Masters' proposal for the new State Senate and House of Delegates Districts as published.

The Masters worked free of the usual political considerations such as residency of current members and partisan complexion of localities. For perhaps the first time, incumbents have not been able to choose their voters, which almost everyone acknowledges has contributed to the toxic partisanship and polarization plaguing both the Commonwealth and our country. The districts do a fine job of keeping communities of interest together, including in Arlington (e.g., those living along Columbia Pike, in the Metro Corridors and with our diverse communities from Halls Hill to Green Valley to Johnson Hill).

It also makes perfect sense to include together the City of Falls Church with Arlington County, given the commonality of the two jurisdictions' court systems and certain Constitutional officers (e.g., Commonwealth's Attorney, Clerk of the Court).

Finally, I will note that as a former Independent member of the Arlington County Board (2014-2018), I saw close-up the negative effects of the current districts for both chambers, orchestrated by Republicans in the House of Delegates and Democrats in the State Senate. Some members of the General Assembly have paid limited to no attention to the residents of the far-flung appendages that comprise their districts. Lines that would make a circus contortionist blush foster both cynicism and confusion among even well-informed citizens and can be a form of voter suppression in and of itself.

Please accept the work of the Special Masters and do right by every resident of our great Commonwealth. Adopt their work as proposed.

Respectfully,

John Vihstadt
Member, Arlington County Board (2014-2018)
1800 North Jefferson Street
Arlington, Virginia 22205



John Vihstadt, Esq.

Krooth & Altman LLP | 1850 M St NW, Suite 400, Washington, DC 20036

Ph: 202-293-8200 | Email: jvihstadt@krooth.com | Website: www.krooth.com |

CONFIDENTIALITY NOTE:

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Memo on Special Masters Congressional Districts DEC 20

To: Virginia Supreme Court

Fm: **Richard Galt Zimmermann, Jr.**

1226 Brookside Landing,
Chesapeake, VA 23320-2826,
richardzimmermann@verizon.net
cell: **703-946-7543**

Dt: December 20, 2021

A concrete critique of each of the 11 Congressional districts follows in four pages. Page 4 continues with criteria explained to evaluate each one. Reference Virginia Redistricting Commission website **Citizen Map #164** for Eleven Compact Congressional Districts.

Congressional Districts VA-8 and VA-11.

The Master Memo **VA-8** fails several standards of good districting. **1)** The Arlington locality is divided unnecessarily. **2)** It divides the community of interest among residents self-identifying themselves as living “inside the beltway” and in the Realtor industry “beltway neighborhoods” in urban school zones adjacent outside the pavement perimeter. **3)** It violates a district of like habitat by refusing concentric additions of adjacent school zones in favor of a jutting southward mass of suburbia and forested parkway drive south to the Mount Vernon estate.

- The Master Memo district has spikes outside the Beltway at Merrifield and at North Springfield that can be justified by attendance zones for the Pine Spring Elementary School (E.S.) and the North Springfield E.S. Both irregular boundaries can be encompassed by a compact expansion of the “Beltway neighborhoods” Congressional District (Realtor term) by adding adjacent PreK-5 attendance zones uniformly in compact groups of one or two at a time, thus presenting a relatively smooth district boundary.

Likewise at least three (3) nested State Senate districts fail best practices:

- 1) SD-40**, the Arlington locality is divided unnecessarily. It alone can support its own Virginia Senator with 215,785 residents, with an excess of 22,857 to spare.
- 2)** These ‘overage’ numbers can be ceded to Alexandria’s **SD-39** in a core formed by the Census Blocks of Abingdon Elementary School that lie west of the National Cemetery. Falls Church can become the core urban center for a compact **SD-37**, east of Fairfax City to reform it.
- 3)** The Princeton Gerrymandering Project criteria for measures of compactness FAIL at Master Memo **SD-37**, because the Memo scores it less than the Princeton standard **0.3600** for 40 Virginia districts by 0.3060 Reock against juts and by 0.2548 Polsby-Popper against fingerling-tendrils (the Memo conflates its unexplained, but too-low bar for a poor score limit in 11 districts, then incomprehensively *lowers* it for 40 districts ($40 > 11$), violating conventional statistical methodology).

The Master Memo **VA-11** fails several standards of good districting.

- 1)** It fails to keep the community of interest in urban western Fairfax County and adjacent urban eastern Loudoun County, tied by their commutes to the NoVa DC Metro MSA. Loudoun County east of Leesburg has an urban population density around Ashburn of upwards of 1000-3000 persons per square kilometer, as does adjacent Fairfax in the same MSA. More on this in the VA-10 critique.
- 2)** The Memo fails to contemplate the Fairfax self-drawn cultural boundary along its divide north-south along US-50. Compatible and corresponding communities of interest can be found among school attendance zones for public Pre-K-5, Middle, and High Schools, all falling to either side of the urban highway.
- 3)** The Memo district sloughs off the westernmost of the “Dulles Corridor” as it divides the COI found now and expanding soon in adjacent Fairfax and Loudoun County. They have like densities of 1000-3000+ per sq km, unlike west of Leesburg in Loudoun County with rural densities of 1-100+ per sq km. The COI uses the Dulles Access Freeway and the Ashburn Greenway Toll Road. The existing SILVER Metro Line opens Phase

II in MAY 2022 to connect western Fairfax's Reston, the Dulles Airport, and eastern Loudoun's Ashburn Station.

Congressional Districts 6 and 9 (Appalachia, Shenandoah Valley)

The Master Memo VA-6 fails several standards of good districting. It fails the Princeton Gerrymandering Project as under 0.3200 for both Reock test 0.2213 against juts and Polsby-Popper 0.2220 test against fingering-tendrils. It also fails the self-referenced and statistically unexplained Memo "low" score for 11 districts, 0.2500 or lower.

1) The Memo district breaks apart three independent urban COIs as defined by the Census, and confirmed by Virginia locality Planning District commuting reports.

- The Winchester MSA commutes 1-2 hours east into NoVa DC Metro, VA-7 to Ashburn and the Dulles Corridor, I-66 into northern Fairfax, and Amtrak nearby Harpers Ferry into DC Union Station for Metro connections elsewhere into NoVa.

- The Harrisonburg MSA - Staunton MSA commute 1-2 hours to adjacent Charlottesville MSA with 6 weekday bus connections between them, and I-64 Commuter Rail connects Charlottesville, Staunton, Lexington and Covington (see Va Redistricting Commission Citizen Map#164, "11-Compact Congressional Districts").

- The Roanoke MSA communities of interest are broken apart two ways. a) Roanoke City and Salem City are divided from all of Roanoke County along I-81, b) the adjacent Blacksburg MSA along I-81.

2) The urban locality in Roanoke County is split unnecessarily for the Memo's self-reported nostalgia unconnected to the 2020 population or today's COIs. The Memo references the "pre-Civil War" maps of the "Shenandoah Valley", the northern Great Valley. That explanation FAILS to justify drawing a district that breaks up the urban settlement concentrated in the Roanoke Valley and the south Great Valley of Virginia, now over three times the size of that surrounding Winchester and Harry Byrd, Sr.'s apple orchards.

3) The Memo VA-6 jumps the Blue Ridge to snatch the "Southside" Martinsburg into its Shenandoah (sic) Valley district, breaking the COI between Martinsburg MSA and adjacent Danville MSA along US-58 within the Dan River watershed.

The Master Memo VA-9 fails several standards of good districting.

1) Although an appeal is made to "geographical constraints" at the Mountain Plateau and the Great Valley of Virginia, the Memo district unaccountably refuses the COI of adjacent Blacksburg MSA and Roanoke MSA localities as documented by the Census and confirmed in Virginia Planning District commuting reports for the associated localities.

2) Likewise, the Memo district leaps over the Blue Ridge Mountains to ignore adjacent Valley MSA communities of interest, despite imagined "geographical constraints" imposed by the north-flowing Shenandoah River into the Potomac River at Harpers Ferry, nearby the commuter rail connection into DC, to break up the COI of adjacent "Southside" MSAs at Martinsburg and Danville, Virginia.

3) The Memo district is apparently not compact because it is too rectangular. This will be manifest on inspection by using the Brennan Center for Justice test adopted against 'sausage district' gerrymandering, the Length-Width test.

- The VA-9 district could achieve substantially more 'compactness' by any measure, were it to turn north at I-81 to encompass more of the Blacksburg MSA-Roanoke MSA community of interest documented in the Virginia "Southwest" cultural region reported by the Cooper- Institute of the University of Virginia, previously adopted with bi-partisan majorities by the Virginia Redistricting Commission. The Court should require its Special Masters to follow the guidelines passed by the Redistricting Commission as binding, according to its charter remit by the General Assembly for the purpose in redistricting by the 2020 Census.

Districts 2 and 3 (Hampton Roads and Virginia Beach)

The Master Memo VA-2 fails several standards of good districting. It fails the Princeton Gerrymandering Project as under 0.3200 for both Reock test 0.2320 against juts and Polsby-Popper 0.2111 test against

fingering-tendrils. It also fails the Memo's self-referenced and statistically unexplained "low" score for 11 districts, 0.2500 or lower (a 'hurdle' is not adjusted upwards for maps with larger numbers of districts measured).

1) The Memo district splits a continuous 400-year and now current COI on the shores of the Chesapeake Bay, confirmed in Virginia Planning District commuting reports.

2) It splits off the South Hampton Roads from adjacent MSA cities, diluting like URBAN habitat with rural extremes with only "partisan" preferences in common. Less the north-facing Cape Henry Shore on the Chesapeake Bay, north of Virginia's First Landing Park and the Lafayette River, Virginia Beach, Norfolk, and eastern Chesapeake City adjacent those other two South Hampton Roads cities have sufficient numbers to populate its own compact Congressional District.

3) The Memo VA-02 is NOT compact, it makes a fish-hook turn east, to jut south of the James River and burrow over 80-mi. into the Dismal Swamp (no clams) and beyond into Southside Virginia.

The Master Memo VA-3 fails several standards of good districting.

1) The Memo district artificially unites cities that do not have a majority of their populations commuting across the James River. 2020 Hampton Roads commuting data shows the largest numbers travel from Virginia Beach to Norfolk (77,000/day), second is Hampton to Newport News (32,671/day), third is Chesapeake to Norfolk (26,336/day), all without crossing the James River.

2) The Memo VA-3 breaks away the Lower Peninsula with a COI north to Williamsburg and suburban James County, to separate it from COI by locality commuting with the Middle Peninsula, along with fishery and maritime connections with the Eastern Shore and the Northern Neck among localities with Chesapeake Bay shoreline.

Districts 4 and 5 (Richmond and Southside)

The Master Memo VA-4 fails several standards of good districting. It fails the Princeton Gerrymandering Project as under 0.3200 for the Polsby-Popper 0.2111 test against fingering-tendrils. The district is visibly elongated from above the James River to the Carolina Line, so it has become suspect of failing the Brennan Center adopted Length-Width test for compactness; it deserves measurement as do all Virginia districts for 2020.

1) The Memo district breaks urban Richmond, eastern Henrico County and Hanover County apart from their north-of-the-James River MSA communities of interest.

2) The Memo VA-4 again divides an urban county at Henrico separating large numbers of Virginia residents from any benefit from "respecting locality boundaries". In this case, urban Henrico has a population of 334,389 versus the also divided rural Southampton County with 18,570, or a ratio of 18:1 disadvantage urban locality COI.

The Master Memo VA-5 fails several standards of good districting. This Memo district is unique in dividing urban locality districts at three points of the compass, and one Southside MSA communities of interest.

1) The Memo district to the east breaks the urban locality boundaries of Chesterfield County and the south Richmond City MSA adjacent in Chesterfield County.

2) To the north, it breaks the urban locality boundary of Albemarle County in the Charlottesville MSA.

3) To the west, it breaks the urban locality boundary of Bedford County in the Lynchburg MSA.

4) To the south, it breaks the adjacent urban cores in the Danville MSA and the Martinsville MSA.

Districts 1, 7, and 10 (North Tidewater and outer Northern Virginia)

The Master Memo VA-1 fails several standards of good districting. It fails the Princeton Gerrymandering Project as under 0.3200 for the Reock 0.3198 test and the Polsby-Popper 0.3138 test against fingering-tendrils. The district is visibly elongated from the Chesapeake Bay in the east to the upper Piedmont foothills of the Blue Ridge Mountains, so it has become suspect of failing the Brennan Center adopted Length-Width test for compactness; it deserves measurement as do all Virginia districts for 2020.

- 1) The Memo-district breaks the Richmond MSA community of interest with western Henrico and Hanover County.
- 2) Memo VA-1 divides the urban locality in Henrico County of 334,389 without dividing any comparable population in compensation among rural localities in this district, or anywhere on the Congressional District map.

The Master Memo VA-7 fails several standards of good districting. It fails the Princeton Gerrymandering Project as under 0.3200 for the Polsby-Popper 0.2593 test against fingering-tendrils. The district is visibly massively jutting west of the I-95 and commuter rail corridor, so it is suspect of failing the Brennan Center adopted Length-Width test for compactness; it should be measured as do all Virginia districts for 2020.

- 1) The Memo district divides an urban locality by slicing off the eastern portion of Fairfax County.
- 2) Memo VA-7 notes a “ringed approach” to the NoVa DC Metro MSA “would be a trivial task”, and that would best suit the nonpartisan Census MSA boundary drawn from Spotsylvania County (certainly Fredericksburg-adjacent) west to embrace the COI of adjacent commuting Winchester MSA.
- 3) See the Congressional District plan for compact four (4) compact Congressional districts in the Virginia Redistricting Commission Citizen **Map #164**, “11-Compact Virginia Congressional Districts”.

The Master Memo VA-10 fails several standards of good districting. It fails the Princeton Gerrymandering Project as under 0.3200 for the Polsby-Popper 0.2535 test against fingering-tendrils. The district is visibly elongated into a rectangle with massive juts running south and east of NoVa DC-Metro MSA, so it is suspect of failing the Brennan Center adopted Length-Width test for compactness; it should be measured as do all Virginia districts for 2020.

- 1) The Memo district divides an urban locality by slicing off the northern portion of Albemarle County.
- 2) Memo VA-10 cuts off the commuting COI of the Winchester MSA into the NoVa DC-Metro MSA.
- 3) Memo VA-10 cuts off Charlottesville surrounding Albemarle County with 6 buses/day to adjacent Staunton MSA, ten addition connections to Harrisonburg, and Augusta County.

FIVE District Criteria: Create districts with communities of interest based on Virginia’s 2020 settlement: I. Map districts of adjacent localities with similar commuting patterns. II. Map districts of like residential habitat. III. Map districts of authentic, locally defined cultural community, IV. Map districts nesting small into larger districts. V. For each kind of district, map each district accrual compactly from an initial settlement core of greatest density.

I. Redistrict adjacent localities that are consistent with a nonpartisan uniform national standard and confirmed in the commuting reports made by Virginia Planning Districts for each locality in the state. These are linked by the residents’ reported commuting patterns for commercial and social purposes, reflecting changes since the last census as updated MSAs, the Metro- and Micropolitan Statistical Areas.

II. Redistrict by like residential habitat. Counties are no longer uniform in their settlement, but like communities of interest can be seen in patterns of settlement by its density.

(A) urban with urban, (B) urban with suburban, (C) suburban with suburban, and (D) suburban with the much fewer living in exurban and rural habitat settlements.

III. Redistrict by authentic cultural community defined in the respected locality governments. Cities and Counties in Virginia uniformly organize attendance zones for PreK-5 schools with compatible cultures that enhance early childhood education. These boundaries can be nearly approximated by Census Blocks for statistical reporting. They should never be broken by any district boundary meant to mirror the people settled in a place.

IV. Redistrict by nesting smaller into larger districts: Delegate districts into State Senate districts and State Senate districts into Congressional districts to create a non-partisan electoral community of interest.

V. Redistrict compactly in equal populations as described by law, so as to reflect the reported 70% of Virginians living in urban settlement in each legislature chamber. Meet academically statistical standards for Reock test against 'juts', Polsby-Popper test against 'fingerling-tendrils', and Length-Width test against 'sausages' in district shapes.

- Begin with an urban core for each kind of nested district, and accrue population concentrically and within locality boundaries to meet the district number for each of the three kinds of districts. For example, when adding each easterly settlement, then add another settlement north or south of like habitat to maintain a compact district at each iteration while drawing a district. Do not add multiple settlements in the same direction to create a 'sausage' district jumping habitats.

– Statewide, (a) do not divide (frack) any locality more than once in any kind of district, (b) do not divide small cities less than 50 square miles (Lynchburg and smaller), nor incorporated towns, college campuses, or historical districts, (c) excepting only the largest Fairfax County with over a million residents, and that into only three portions of like settlement (a) inside- and Beltway-adjacent, (b) north of US-50, and south of US-50, following the local County's nearly uniform division of itself by its PreK-5, Middle School and High School attendance zones along US-50.

Muriel-Theresa Pitney
Clerk of Court
Supreme Court of Virginia
100 North Ninth Street
Richmond, Virginia 23219

RE,: Rules and Procedures for Implementing the Requirements of Article II, Section 6-A

To Whom It May Concern:


Pursuant to Rule 4(a) of the Rules and Procedures for Implementing the Requirements of Article II, Section 6-A of the Constitution of Virginia, I am submitting the following comments and suggestions regarding the redistricting for the Virginia House of Delegates.

Based on the recently presented maps, I would like to highlight the importance of maintaining several districts as presented. Virginia's Latino community has very little political representation on the state and local levels and deserves opportunities to elect representatives who can be a voice for these communities. Proposed House District 20, 13, 19, 24, 14, 27, 03, 16, 25, 21, 23, 04, 17, and 77 all would have a Hispanic population of over 20% which should be applauded. An additional 18 House Districts have Hispanic populations at over 10% which proportionally represent the numbers shared by the recent effort. The demographic makeup of all of these districts should be maintained and a concentrated effort to bring other districts to proportional representation should be made where possible.

Similarly there are 16 proposed Senate Districts that showcase the proportional representation of the Hispanic community within Virginia. A similar effort should be made to bring additional proposed districts above the 10% threshold.

Speaking to the proposed House districts that most directly impact me, I want to thank the map drafters for taking into consideration the three geographic communities that exist within Arlington – North, South, and development corridors – as these are three unique communities. However, residents of Falls Church have expressed their concern with being grouped with the proposed 1st District which many would agree with. Instead a portion of proposed district 6 could be added to district one to make up for the population difference and reduce the community differences. The spillover from proposed district 2 into Alexandria should also be addressed potentially by expanding district 3 west towards N Carlin Springs rd in areas of Buckingham. Overall this breakup of Arlington respects the unique diversity of proposed district 3 and the new urban renter-heavy developments of district 2.

Looking forward to the final maps that respect the diversity of Virginia.


Jonathan Dromgoole
710 12th Street NW
Arlington, VA 22202

From: [Tara Durant](#)
To: [Redistricting](#)
Subject: Redistributing
Date: Monday, December 20, 2021 12:30:34 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Chief Justice, Justices of the Supreme Court, and the Special Masters:

My name is Tara Durant, and I am the Delegate-elect for the current 28th District of the House of Delegates. I submit this comment together with Chief Charles Bullock, Tribal Chief of the Patawomeck Tribe in Stafford County. The proposed map of the Special Masters unintentionally splits lands leased by the Patawomeck Tribe and, as a result, fails to preserve a community of interest essential to the Tribe for social, cultural, and economic reasons. We ask that this community of interest be preserved in proposed House District 65, where the current Tribal Center is located. Additional detail follows below:

As noted in the memorandum drafted by the Special Masters, the Statutory Criteria found in the Virginia Code specifically requires that “[d]istricts shall be drawn to preserve communities of interest. For purposes of this subdivision, a ‘community of interest’ means a neighborhood or any geographically defined group of people living in an area who share similar social, cultural, and economic interests. A ‘community of interest’ does not include a community based upon political affiliation or relationship with a political party, elected official, or candidate for office.” See Va. Code § 24.2-304.04, part 5. The Special Masters memorandum specifically highlights the fact that the Special Masters may have unintentionally overlooked communities of interest, and, consequently, “look[ed] forward to receiving the commentary of this Court and of the public to help improve the map in this regard.” See Memorandum of the Special Masters at 7. This comment highlights one important and discernible community of interest overlooked by the Special Masters.

The proposed map of the Special Masters splits the tribal land of the Patawomeck Tribe in Stafford County. Specifically, the Patawomeck Tribe leases two parcels of land from Stafford County. The first parcel is located at 638 Kings Highway, Fredericksburg Va. 22405, which is the location of The Patawomeck Indian Tribal Center, Museum, and Native Village. This Tribal Center will be opening to the public in June 2022. This parcel is located in the proposed House District 65.

The second parcel, The Patawomeck Memorial Band Park, is located on County Rd 608, Stafford Va. 22554. This property, located near Aquia Landing, will be the future reinterment site of their ancestral relatives' remains currently housed at the Smithsonian Indian Museum in Suitland, Maryland. This parcel is located in the proposed House District 64.

Finally, the tribal members reside primarily in Stafford county. As a community of interest, the Patawomeck Tribe would be best served with unity of representation in one District.

For the foregoing reasons, we ask that this community of interest be preserved in House District 65.

Sincerely,

Tara Durant

Delegate-elect, House District 28

To: Delegate Mrs. Tara Durant HD 28 December 16, 2021 From: Chief Charles "Bootsie" Bullock
Patawomeck Indian Tribe of Virginia Inc.

Re: Proposed Redistricting

Honorable Mrs. Durant

I write to you to express my concern about the 2021 proposed Virginia redistricting. The Patawomeck Indian Tribe of Virginia is state recognized and based in Stafford County.

The Patawomeck Tribe leases two parcels of land from Stafford County. The first parcel that the Patawomeck Tribe has under lease is located at 638 Kings Highway Fredericksburg Va. 22405, which is the location of The Patawomeck Indian Tribal Center/Museum/Native Village. This Tribal Center will be opening to the public in June 2022.

The second parcel "The Patawomeck Memorial Band Park " has leased is located on County Rd 608 Stafford Va. 22554. This subject property, located near Aquia Landing, will be the future reinterment site of our ancestral relatives remains currently housed at the Smithsonian Indian Museum in Suitland Maryland.

"The first People of Stafford County", The Patawomeck Indian Tribe of Va. Has been dated to or around 1200-1300 AD.

Between 1935-1940 Judge William Graham and T. Dale Stewart of the U.S National

Museum/Natural History performed an archaeological exploration of the Indian town site of Patawomeck (44ST2 and 44ST1). This is the Patawomeck village visited by Capt. John Smith in 1608. The extensive recorded information is all archived in T. Dale Stewart's book " Archeological Exploration of Patawomeck: The Indian Town Site 44ST2 Ancestral to the One 44ST1 Visited in 1608 by Capt. John Smith".

The reclaiming of our deceased tribal members and very sacred artifacts will be complete once our Federal Recognition application approval process has been completed. At this point our ancestors will be returned to the native soil not far from where they were removed from some 80+ years ago.

I write these few lines to you with urgency, as the leader of the Patawomeck Indian Tribe of Va., it is very disturbing that the proposed redistricting plan will split the two leased parcels that the Patawomeck and Stafford share in agreement. Currently both are in the 28th district, the new proposal would place one in the 64th and one in the 65th districts. I do look forward to your reply and future correspondence of the status on this critical part of the Patawomeck Indian Tribe of Virginia's historical significance. Furthermore the Patawomeck Indian Tribe of Virginia is looking forward to becoming a great partner on many fronts with the great state of Virginia.

Respectfully,

Chief Charles "Bootsie" Bullock

From: [S. Simpson](#)
To: [Redistricting](#)
Subject: Fwd: 7th, 10, 10th & 11th Congressiona Districts
Date: Monday, December 20, 2021 12:32:22 PM
Attachments: [image.png](#)

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Subject: 7th, 10th & 11th Congressiona Districts

To: The Justices of the Virginia Supreme Court and the Special Masters:

Overall the proposed Congressional maps reflect a logical, rational approach that is consistent with the applicable criteria. A few minor adjustments would address many of the criticisms submitted to the Court. A proposed map is pasted below and can be found at <https://districtr.org/plan/94818>.

First, to address the many concerns raised by the citizens of Albemarle and Charlottesville and the areas surrounding Charlottesville, move the southerner border of the 10th District north to the Green and Orange County lines. This proposed 10th District is marked in the Gray Blue color.

Second, to address the many concerns raised by citizens in northern Spotsylvania County and the area surrounding Fredericksburg, move those northern Spotsylvania precincts from the 10th to the 7th Congressional District as reflected on the map pasted below and at the URL. This proposed 7th District is marked in the Light Green color.

Third, to accommodate the population impact of these two changes in the 10th District, move the eastern border of the 10th District at Loudoun County east to the Reston Parkway and the intersection of Reston Parkway and Wiehle Avenue, and east from Loudoun to Utterback Store Road as shown on the map pasted below and at the URL. This western portion of Fairfax County is closely aligned with the eastern portion of Loudoun County, and Reston Parkway, Wiehle Avenue and Utterback Store Road serve as natural defined boundaries.

Fourth, to ensure population balance for the proposed 11th District, move the southern boundary of the 11th District into Prince William County to incorporate Lake Ridge and Woodbridge which are closely connected in community of interests to the rest of the 11th District. The Prince William County Parkway forms a natural defined southern boundary for most of this District. This proposed 11th is marked in the Yellow color.

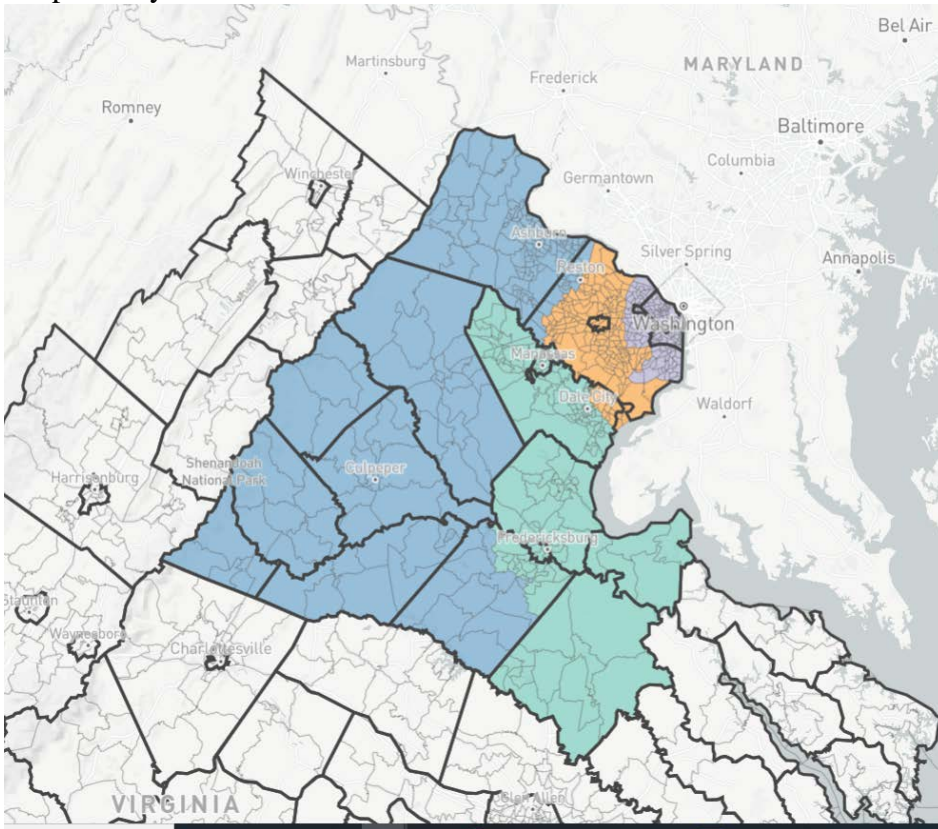
Fifth, to ensure population balance for the proposed 7th District, extend the boundary of the 7th District to include King George County and Caroline County. This change would also address some of the concerns raised that more of central Virginia should be included in the 7th.

Sixth, there are no changes to the Special Masters' proposed 8th District.

Seventh, there would need to be similar minor adjustments to the 1st and 5th to balance populations.

In summary, these proposed changes address many of the citizens' concerns, are balanced from a population perspective, are consistent with the communities of interests, and reflect the same political competitive balance as the Special Masters' maps.

Respectfully submitted.



RON B. ALPERN

December 20, 2021

Supreme Court of Virginia
P.O. Box 1315
100 North Ninth Street, 5th Floor
Richmond, VA 23219-1315

Dear Honorable Justices of the Virginia Supreme Court, The Redistricting Special Masters, and The Clerk of the Court,

I greatly appreciate this opportunity to offer comments on the impact of the three proposed redistricting maps on my Chesterfield County Midlothian – Precinct Robious #504 community. Several of my neighbors have raised concerns about the maps, particularly the House of Delegate Map #72. They highlight that the map fails to acknowledge how deeply our communities of interest as business owners, professionals (staffing major businesses educational institutions, as well as areas governments), church members and community activists align with Richmond, Henrico County, as well as other parts of Chesterfield. They underscore further that the social ties of their families rarely coincide with any of the towns in our new district, but rather with the greater Richmond metropolitan area.

I, however, want to address the shortcomings of these maps with respect to the standard of creating competitive districts. Over the last decade, Chesterfield and my precinct, in particular, witnessed changing demographics and significant shifts in political alignments. The hard work of many of my neighbors contributed to the current moment where our precinct is finally considered competitive and has contributed to the hard-fought efforts that culminated in the elections of Congresswoman Spanberger, Senator Hashmi, and Representative Adams. On the surface, while 5th District appears to be drawn in a contiguous fashion, the same cannot be said for the 72nd House of Delegates district. In the instance of Senate District 12, while it is boundaries also seem contiguous, it has been redrawn in such a manner to favor heavily Republicans as there no longer are votes from Henrico or parts of Richmond that had made this race so competitive in recent years.

Not only will we not be represented by the candidates we worked so hard to elect, it seems that the new maps confine my precinct to races that are likely to remain largely non-competitive well into the foreseeable future. I would assert that for my neighbors, and residents in other parts of Midlothian, however uneven the political terrain is in the districts in their current configuration, they did far more to boost confidence in the electoral system than the Special Masters' proposed maps.

I hope that attention can be drawn to, in particular, HOD map District #72 that represents the most extreme example of the maps' shortcomings. Here Midlothian is misaligned with the rural counties of Powhatan, Amelia, and Nottaway. I encourage the Court to consider how the work of the Special Masters might be adjusted to avoid outcomes that seem to fall well short of honoring the competitiveness and communities of interest criteria that were to guide the redistricting effort.

I thank the Court, the Special Masters, and Court staff for their consideration and diligent efforts to fulfill their charge. I urge you, however, to take the additional time to ensure that the redistricting initiative meets your highest standards with respect to its impact on my neighborhood and others similarly affected in Midlothian.

Sincerely,



Ron B. Alpern

From: [Marcia Davitt](#)
To: [Redistricting](#)
Subject: Commentary on Redistricting
Date: Monday, December 20, 2021 12:33:55 PM

EXTERNAL EMAIL

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To: Virginia Supreme Court

I am concerned about the proposed redistricting aimed at separating Blacksburg from Roanoke City. These communities have shared interests as well as comprising economic centers of activity. I join with others in requesting that you keep these two communities (Blacksburg and Roanoke City) together as one Senate district. The map currently shows Blacksburg joined to rural counties such as Tazewell, communities which share little in common. This kind of redistricting would make it difficult for Blacksburg and Roanoke City to have their interests properly represented in the Virginia Senate. It would make it difficult to elect a Democrat to office, a phenomenon that would make a travesty of democracy in this region. The proposed redistricting appears to copycat other efforts across the U.S. which are clearly partisan in nature and are intended to make it easier for Republicans to establish single-party rule.

Thank you for your consideration and for your attention to establishing a genuine democratic process in the state of Virginia.

Marcia Davitt, PhD.
Adjunct Instructor
Depts: History / Science, Technology, and Society
Virginia Tech
mdavitt@vt.edu

From: [S. Simpson](#)
To: [Redistricting](#)
Subject: 7th, 10th & 11th Congressiona Districts
Date: Monday, December 20, 2021 12:33:56 PM
Attachments: [image.png](#)

EXTERNAL EMAIL

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Subject: 7th, 10th & 11th Congressiona Districts

To: The Justices of the Virginia Supreme Court and the Special Masters:

Overall the proposed Congressional maps reflect a logical, rational approach that is consistent with the applicable criteria. A few minor adjustments would address many of the criticisms submitted to the Court. A proposed map is pasted below and can be found at <https://districtr.org/plan/94818>.

First, to address the many concerns raised by the citizens of Albemarle and Charlottesville and the areas surrounding Charlottesville, move the southerner border of the 10th District north to the Green and Orange County lines. This proposed 10th District is marked in the Gray Blue color.

Second, to address the many concerns raised by citizens in northern Spotsylvania County and the area surrounding Fredericksburg, move those northern Spotsylvania precincts from the 10th to the 7th Congressional District as reflected on the map pasted below and at the URL. This proposed 7th District is marked in the Light Green color.

Third, to accommodate the population impact of these two changes in the 10th District, move the eastern border of the 10th District at Loudoun County east to the Reston Parkway and the intersection of Reston Parkway and Wiehle Avenue, and east from Loudoun to Utterback Store Road as shown on the map pasted below and at the URL. This western portion of Fairfax County is closely aligned with the eastern portion of Loudoun County, and Reston Parkway, Wiehle Avenue and Utterback Store Road serve as natural defined boundaries.

Fourth, to ensure population balance for the proposed 11th District, move the southern boundary of the 11th District into Prince William County to incorporate Lake Ridge and Woodbridge which are closely connected in community of interests to the rest of the 11th District. The Prince William County Parkway forms a natural defined southern boundary for most of this District. This proposed 11th is marked in the Yellow color.

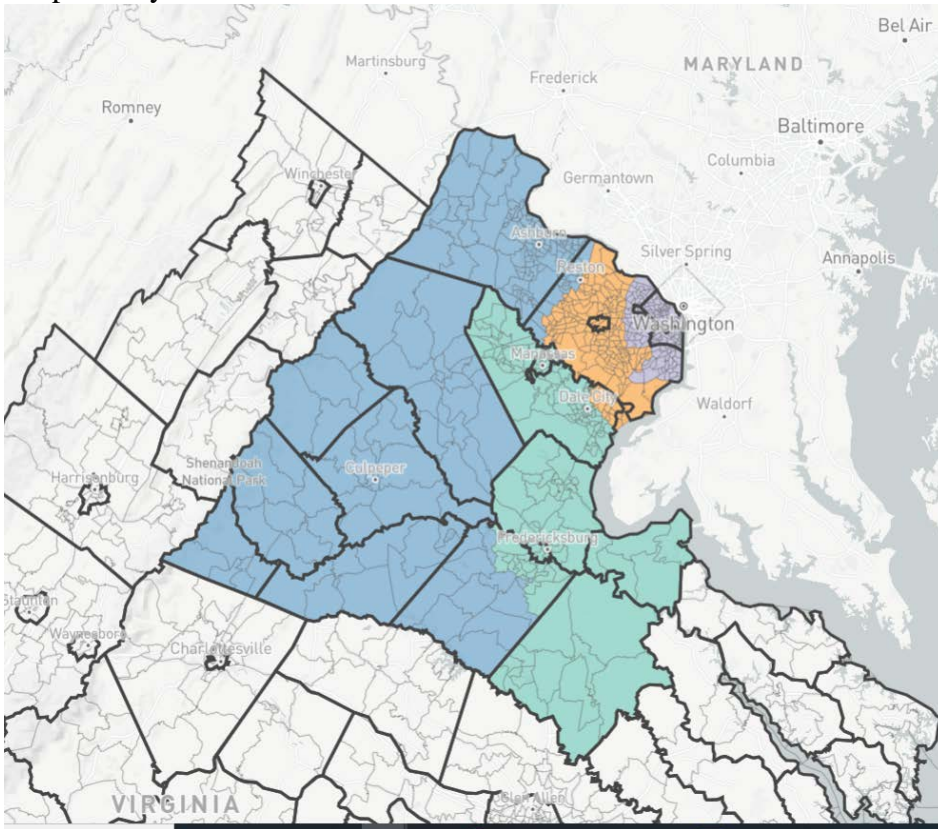
Fifth, to ensure population balance for the proposed 7th District, extend the boundary of the 7th District to include King George County and Caroline County. This change would also address some of the concerns raised that more of central Virginia should be included in the 7th.

Sixth, there are no changes to the Special Masters' proposed 8th District.

Seventh, there would need to be similar minor adjustments to the 1st and 5th to balance populations.

In summary, these proposed changes address many of the citizens' concerns, are balanced from a population perspective, are consistent with the communities of interests, and reflect the same political competitive balance as the Special Masters' maps.

Respectfully submitted.



From: [Lisa Centofanti](#)
To: [Redistricting](#)
Subject: Redistricting Maps
Date: Monday, December 20, 2021 12:37:50 PM

EXTERNAL EMAIL

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Dear Virginia Court,

I believe that Vinton should be drawn with the rest of Roanoke County and not in a district tied to Staunton. The New River Valley, Roanoke Valley, and Staunton all have separate community college systems, are in different planning districts, have different hospitals, and the centers of gravity in distinct local economies. I don't believe that the Roanoke Valley should be artificially split between Staunton and the New River Valley when there are more than enough citizens for three distinct districts.

Thank you for your consideration,

Lisa Centofanti



VIRGINIA AFL-CIO

5400 Glenside Drive, Suite E ♦ Richmond, Virginia 23228

Phone: (804) 755-8001 ♦ Fax: (804) 755-8005 ♦ E-Mail: info@va-aflcio.org

*A Voice for Virginia's
Working Families*

Doris Crouse-Mays, President

Date: December 20, 2021

To: Redistricting@vacourts.gov

Subject: Virginia Redistricting – Virginia AFL-CIO Public Comment

Virginia AFL-CIO challenges this current redistricting process and the proposed maps. The goal was not to have court drawn maps, and it is with the current maps that we have failed not just the intended goal, but the people of Virginia from having a fair process and a fair result.

The maps as currently drafted split localities in a variety of ways across the state. Due to those splits, there are numerous decreases in minority representation, disparages military and veteran populations, leaves behind rural communities, and inconsideration of functional compacting and contiguity of some geographical locations, and an overall lack of economical, infrastructural, and cultural considerations.

The current maps as drawn can be seen as maps of convenience rather than maps that equitably and fairly represent the interests of our great Commonwealth's population.

It is our hope that the final drawing of the maps includes the necessary changes that will better serve and represent the people of the Commonwealth in actuality, and not in theory.

Thanks in advance for your consideration,

Doris Crouse-Mays, President
Virginia AFL-CIO

Jonathan L. Stone
2104 Grey Fox Lane
Virginia Beach, Virginia 23456
jlstonelaw@gmail.com
(757) 339-9348
December 20, 2021

Hon. Donald W. Lemons
Chief Justice
Virginia Supreme Court
P.O. Box 1315
100 North Ninth Street
Richmond, VA 23219-1315

Comment on Proposed Virginia Congressional Redistricting Map

Dear Hon. Donald W. Lemons:

As a current resident and registered voter in the City of Virginia Beach, Virginia. I write to submit my official comment in disapproval of the current Virginia Congressional Maps prepared by the Special Masters appointed by the Virginia Supreme Court for the redistricting of the Virginia Congressional districts.

Although the special masters as a general rule appear to focus on and accomplish one of the primary goals of ensuring compactness while respecting traditional county and city political lines. Thereby ensuring the Congressional districts are draw in a manner where our elected officials are representing common communities of interest. For the Second Congressional District, in which I am a resident off for both the current and the proposed congressional lines, I am of the opinion the district is faulty in one primary and important way. The Proposed Second Congressional District has drawn out of the district the City of Norfolk. Norfolk and Virginia Beach as two areas with the largest concentration of military installations has many of the same economic and community interests. As a result, it would accomplish the purpose of the redistricting commission to redraw the lines ensuring that Norfolk and Virginia Beach are in the same congressional district. Whereas the current proposed Second Congressional District includes communities on its border such as Isle of Wight and Suffolk whose economic and community interest are more in line with the proposed 3rd or 4th congressional district.

Hon. Donald W. Lemons
Chief Justice
Virginia Supreme Court
December 20, 2021
Page 2

It is my opinion that the communities of Norfolk and Virginia Beach with similar military, economic, and community interests would be better served by a single representative in the U.S. House of Representatives.

Respectfully Submitted,

A handwritten signature in blue ink, consisting of a large, stylized 'J' followed by a series of loops and a long horizontal stroke extending to the right.

Jonathan L. Stone

From: [Tara Durant](#)
To: [Redistricting](#)
Subject: Redistributing
Date: Monday, December 20, 2021 12:43:06 PM

EXTERNAL EMAIL

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Chief Justice, Justices of the Supreme Court, and the Special Masters:

My name is Tara Durant, and I am the Delegate-elect for the current 28th District of the House of Delegates. I submit this comment together with Chief Charles Bullock, Tribal Chief of the Patawomeck Tribe in Stafford County. The proposed map of the Special Masters unintentionally splits lands leased by the Patawomeck Tribe and, as a result, fails to preserve a community of interest essential to the Tribe for social, cultural, and economic reasons. We ask that this community of interest be preserved in proposed House District 65, where the current Tribal Center is located. Additional detail follows below:

As noted in the memorandum drafted by the Special Masters, the Statutory Criteria found in the Virginia Code specifically requires that “[d]istricts shall be drawn to preserve communities of interest. For purposes of this subdivision, a ‘community of interest’ means a neighborhood or any geographically defined group of people living in an area who share similar social, cultural, and economic interests. A ‘community of interest’ does not include a community based upon political affiliation or relationship with a political party, elected official, or candidate for office.” See Va. Code § 24.2-304.04, part 5. The Special Masters memorandum specifically highlights the fact that the Special Masters may have unintentionally overlooked communities of interest, and, consequently, “look[ed] forward to receiving the commentary of this Court and of the public to help improve the map in this regard.” See Memorandum of the Special Masters at 7. This comment highlights one important and discernible community of interest overlooked by the Special Masters.

The proposed map of the Special Masters splits the tribal land of the Patawomeck Tribe in Stafford County. Specifically, the Patawomeck Tribe leases two parcels of land from Stafford County. The first parcel is located at 638 Kings Highway, Fredericksburg Va. 22405, which is the location of The Patawomeck Indian Tribal Center, Museum, and Native Village. This Tribal Center will be opening to the public in June 2022. This parcel is located

in the proposed House District 65.

The second parcel, The Patawomeck Memorial Band Park, is located on County Rd 608, Stafford Va. 22554. This property, located near Aquia Landing, will be the future reinterment site of their ancestral relatives' remains currently housed at the Smithsonian Indian Museum in Suitland, Maryland. This parcel is located in the proposed House District 64.

Finally, the tribal members reside primarily in Stafford county. As a community of interest, the Patawomeck Tribe would be best served with unity of representation in one District.

For the foregoing reasons, we ask that this community of interest be preserved in House District 65.

Sincerely,

Tara Durant

Delegate-elect, House District 28

To: Delegate Mrs. Tara Durant HD 28 December 16, 2021 From: Chief Charles "Bootsie" Bullock
Patawomeck Indian Tribe of Virginia Inc.

Re: Proposed Redistricting

Honorable Mrs. Durant

I write to you to express my concern about the 2021 proposed Virginia redistricting. The Patawomeck Indian Tribe of Virginia is state recognized and based in Stafford County.

The Patawomeck Tribe leases two parcels of land from Stafford County. The first parcel that the Patawomeck Tribe has under lease is located at 638 Kings Highway Fredericksburg Va. 22405, which is the location of The Patawomeck Indian Tribal Center/Museum/Native Village. This Tribal Center will be opening to the public in June 2022.

The second parcel "The Patawomeck Memorial Band Park " has leased is located on County Rd 608 Stafford Va. 22554. This subject property, located near Aquia Landing, will be the future reinterment site of our ancestral relatives remains currently housed at the Smithsonian Indian Museum in Suitland Maryland.

"The first People of Stafford County", The Patawomeck Indian Tribe of Va. Has been dated to or around 1200-1300 AD.

Between 1935-1940 Judge William Graham and T. Dale Stewart of the U.S National Museum/Natural History performed an archaeological exploration of the Indian town site of Patawomeck (44ST2 and 44ST1). This is the Patawomeck village visited by Capt. John Smith in 1608. The extensive recorded information is all archived in T. Dale Stewart's book " Archeological Exploration of Patawomeck: The Indian Town Site 44ST2 Ancestral to the One 44ST1 Visited in 1608 by Capt. John Smith".

The reclaiming of our deceased tribal members and very sacred artifacts will be complete once our Federal Recognition application approval process has been completed. At this point our ancestors will be returned to the native soil not far from where they were removed from some 80+ years ago.

I write these few lines to you with urgency, as the leader of the Patawomeck Indian Tribe of Va., it is very disturbing that the proposed redistricting plan will split the two leased parcels that the Patawomeck and Stafford share in agreement. Currently both are in the 28th district, the new proposal would place one in the 64th and one in the 65th districts. I do look forward to your reply and future correspondence of the status on this critical part of the Patawomeck Indian Tribe of Virginia's historical significance. Furthermore the Patawomeck Indian Tribe of Virginia is looking forward to becoming a great partner on many fronts with the great state of Virginia.

Respectfully,

Chief Charles "Bootsie" Bullock

From: [Andrea Lewis](#)
To: [Redistricting](#)
Subject: Map for VA
Date: Monday, December 20, 2021 12:43:16 PM

EXTERNAL EMAIL

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The VA Senate map for West Springfield doesn't make much sense. We are more similar to the neighborhoods in Burke and not really associated with neighbors on the east side of 395. It also doesn't make sense to put dividing lines through neighborhoods where families know each other as neighbors and/or through the elementary school systems. Please take a look at school districts, and larger boundaries in our area. Highways, Rivers and Current Elementary school boundaries should be taken into account when looking at Communities of Interest.

From: [William Evers](#)
To: [Redistricting](#)
Cc: [Pat Evers Bill &](#)
Subject: Redistricting Comments-Williamsburg, VA
Date: Monday, December 20, 2021 12:44:10 PM

EXTERNAL EMAIL

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To Whom It May Concern:

Please see my comments below relating to redistricting:

1. **Williamsburg has been separated from lower James City County, including Grove. The history of African Americans in the Historic Triangle links the City and Grove. For that reason, they should not be separated.**
2. Lower James City County and Williamsburg rely on many of the same services in the Williamsburg area, such as transportation, healthcare, and social services.
2. The 69th takes a head-scratching jog across the York River and picks up a small portion of Gloucester. This is a very different community and should be part of a district that is on the other side of the York River with the rest of Gloucester County.
3. The new maps put Williamsburg in the 71st District, which runs all the way to Providence Forge. **Williamsburg has always been part of Hampton Roads. This puts Williamsburg with other communities that extend up into the Richmond area instead of keeping it with other Hampton Roads communities.**

Thank you for the opportunity to express my opinion/concerns

Sincerely

William Evers
williep1952@gmail.com



Clerk of the Supreme Court of Virginia c/o Redistricting Special Masters
Supreme Court of Virginia
P.O. Box 1315
100 North Ninth Street, 5th Floor
Richmond, VA 23219
redistricting@vacourts.gov

December 20, 2021

Dear Special Masters Grofman and Trende:

I submit this letter on behalf of the Sikh American Legal Defense and Education Fund (SALDEF). In my previous letter, dated November 29, 2021, I outlined best principles for the inclusion of and the demographics of the Asian American and Pacific Islander (AAPI) community in Virginia, based on our experience advocating for our communities in the redistricting commission process.

My comments today are focused on the Congressional draft maps produced for public review. As SALDEF noted in our previous comments and submissions to the coalition, along with other diverse advocates, the AAPI community has grown in the state and their size and distribution is allowing them to elect representatives of their choosing, who consider and are responsive to their communities needs. Unfortunately, the distributed maps do not reflect the growth of the AAPI community and may, in fact, stymie their ability to receive adequate representation.

We join the many speakers at the two public hearings who expressed grave concern about the cracking of the western suburbs of Richmond. Henrico County is now 9.1% Asian¹,

1

<https://www.census.gov/quickfacts/fact/table/chesterfieldcountyvirginia,henricocountyvirginia,US/PST045219>

per the 2020 Census, with the vast majority of these AAPI residents arriving since the 2010 Census, fueling growth in the region. AAPI communities in Henrico are establishing new businesses, community centers, and houses of worship. Importantly, these communities also cross county and city lines to access established centers and houses of worship in Chesterfield County and the Greater Richmond area. Diverse areas like Henrico County², in the new maps, are being pulled away from their neighbors and into districts that incorporate much less diverse parts of Western and Southern Virginia, as in the proposed new 1st district. The story repeats with Amelia³ County and with Chesterfield County, and with other Richmond suburbs that have grown increasingly diverse over the last decade, all being carved up and distributed across the new 1st and 5th Districts in the pursuit of satisfying numerical requirements.

It is the position of SALDEF that the carving up of greater Richmond, in the pursuit of numerical requirements, is a departure from the legal requirement in Article II, Section 6 of the Constitution of Virginia, which states: “Districts shall provide, where practicable, opportunities for racial and ethnic communities to elect candidates of their choice.”⁴ The Virginia code expands further. Section 24.2-304.04(3) states that “no district shall be drawn that results in a denial or abridgement of the rights of any racial or language minority group to participate in the political process.”⁵ The recasting of Henrico County into the new VA-5 forces its burgeoning AAPI population into a district that spans large areas of Virginia that are inconsistent with their demographics, values, and priorities. Thus, the new districts will likely have the effect of limiting the ability of the growing AAPI population, as well as Hispanic and Black population in the region, from being able to effectively participate in the political process and select representatives who are considerate of their needs and of their choosing, while concurrently

²

<https://www.henricocitizen.com/articles/census-2020-henricos-asian-black-hispanic-populations-grow-thre-e-chopts-boom-continues/>

³

<https://apnews.com/article/richmond-virginia-redistricting-congress-eaf77c9dcca50277d5c05ec4ecf2cb98>

⁴ <https://law.lis.virginia.gov/constitution/article2/section6/>

⁵ <https://virginiaredistricting.org/2021/Data/Public%20Hearings/082321materials.pdf>

dividing them from their larger community of interest. We strongly suggest that these areas be revisited by the special masters and the suburbs of Richmond remain in districts that incorporate the areas in which they live, work, and worship.

Thank you for your attention to this matter and your consideration of AAPI communities of interest as you draw new district lines. Should you have any further questions please feel free to contact me at kiran@saldef.org, or my colleagues Navdeep Singh at navdeep.singh@saldef.org and Jyot Singh at jyot.singh@saldef.org.

Sincerely,

Kiran Kaur Gill

Executive Director

From: [Barbara Diaz](#)
To: [Redistricting](#)
Subject: redistricting
Date: Monday, December 20, 2021 12:46:22 PM

EXTERNAL EMAIL

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From: b.irishlass@msn.com
Sent: Monday, December 20, 2021 5:05 PM
To: redistricting@VAcourts.gov
Subject: Redistricting.

To the Court:

I believe the proposed House of Delegates map needs significant modification, especially in House of Delegates Districts 69 and 71, the two districts that would include all of Williamsburg and James City County. Delegate Mike Mullin has recently moved to the 69th. Williamsburg is included in the 71st. Redistricting will make both House of Delegates districts very Republican if they aren't changed.

1. Williamsburg has been separated from lower James City County, including Grove. The history of African Americans in the Historic Triangle links the City and Grove. For that reason, they should not be separated.
2. Lower James City County and Williamsburg rely on many of the same services in the Williamsburg area, such as transportation, healthcare, and social services.
2. The 69th moves across the York River and

picks up a small portion of Gloucester. This is a very different community and should be part of a district that is on the other side of the York River with the rest of Gloucester County.

3. The new maps put Williamsburg in the 71st District, which runs all the way to Providence Forge. Williamsburg has always been part of Hampton Roads. This puts Williamsburg with other communities that extend up into the Richmond area instead of keeping it with other Hampton Roads communities.

Regarding the state senate map, I request that Poquoson be put in the 23rd District (Hampton) for the following reasons:

1. It would preserve the community of interest that exists between Hampton and Poquoson. They have a shared geography as the Peninsula's two Atlantic-facing localities.
2. Both Poquoson and Hampton sit on the Back Bay River.
3. In 2019 the court adopted a special master-recommended House of Delegates District that consolidated parts of Hampton and Poquoson into one district.
4. Redrawing Districts 23 and 24 as suggested would put more of Newport News into the same district, minimizing splits in counties and cities.
5. The Newport News-Williamsburg Airport would be in the same district as Newport News and Williamsburg!

Thank you for your consideration.

Barbara A. Diaz
Williamsburg, VA 23188

From: [Nichole Sanders](#)
To: [Redistricting](#)
Subject: redistricting--SCOVA
Date: Monday, December 20, 2021 12:46:30 PM

EXTERNAL EMAIL

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Dear All,

I wanted to take a moment to thank you for keeping the City of Lynchburg as a Community of Interest during this round of map-making. We are pleased to see that our concerns were addressed.

Best wishes
Nichole Sanders

From: [Sami Watson](#)
To: [Redistricting](#)
Cc: [Jasmine Leu](#)
Subject: Redistricting Suggestions
Date: Monday, December 20, 2021 12:46:36 PM
Attachments: [2021-22_Stamp_Transparent.png](#)

EXTERNAL EMAIL

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Supreme Court of Virginia Justices,

I work for Hamkae Center, a nonpartisan Asian American community building organization based in Fairfax, Virginia. I would like to make the following suggestions based on feedback from Ilryong Moon, an Asian American resident of Fairfax County:

- Please consider joining Loudoun County and Prince William County to make a new CD10. Then join the rest of the map makers' proposed CD10 and the rest of the map makers' proposed CD 7 with Charlottesville to create a new CD 7. This would help fix CD10's elongated shape. Loudoun County has more in common with Prince William County as they are both part of Northern Virginia, and they both have higher minority populations compared to the rural counties that the map makers have paired with Loudoun County in the proposed CD10. Putting Loudoun and Prince William in one Congressional District would help give minority populations a stronger chance of electing officials that they feel represent their communities' interests and values.
- Since SD37's population deviation is 2.03%, please consider adding some of SD37's western precincts (north of Legato and east of Fair Lakes), such as the Monument precinct, to SD36. SD36 has a high Asian American population, so adding precincts from SD37 that have high Asian American populations to SD36 would be beneficial. Keeping Asian American populations together gives those populations a stronger chance to elect an official that they feel represents their communities' interests and values.

We hope you will take these points into consideration. Thank you for your time.

Best regards,

Sami Watson, Field Coordinator
Hamkae Center

--

Sami Watson | ([she/her/they/them](#)/)

Field Coordinator | [Hamkae Center](#)

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W. 703.256.2208 | C. 540.894.7307

6715 Little River Turnpike, #207, **Annandale**, VA 22003

13890 Braddock Road, #309, **Centreville**, VA 20121

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From: [David H. Stonehill](#)
To: [Redistricting](#)
Subject: Written Comment by David H. Stonehill
Date: Monday, December 20, 2021 12:47:31 PM

EXTERNAL EMAIL

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David H. Stonehill
5605 Lake Sharon Drive
Glen Allen, VA 23060

December 20, 2021

Ms. Muriel-Theresa Pitney
Clerk of the Supreme Court of Virginia
Supreme Court Building
100 North Ninth Street
Richmond, VA 23219

Public Comment regarding Virginia Redistricting

Dear Ms. Pitney:

This Comment is submitted pursuant to the Rules and Procedures for Implementing the Requirements of Article II, Section 6-A. I am writing to comment upon the Special Masters' Congressional Redistricting Map which was released on December 8, 2021 (the Map). My specific interest is in reference to changes proposed for the Virginia Seventh Congressional District (VA-7).

I am an attorney, licensed in New York State, who has been a resident of Glen Allen, Virginia since January, 2021. Glen Allen is within Henrico County. Since 2001, I have been involved with voter protection and election law issues with organizations such as the New York Democratic Lawyers Council. I have previously testified at public hearings regarding Redistricting within New York State.

I have observed the current redistricting effort in Virginia with great interest, not just as a person with experience with government and politics but also from a Jewish perspective. I do not view the Map as being friendly to the concerns and needs of religious and racial minorities. For example, concentrating more black voters within the Fourth

Ms. Muriel-Theresa Pitney
Written Comment of David H. Stonehill
December 20, 2021
Page Two

Congressional District, mainly centered in Richmond, only reduces their numbers and political clout within neighboring districts such as VA-7.

I was particularly struck at the way two prominent Richmond metro counties, Chesterfield and Henrico, are separated regarding their Congressional Districts. The two counties are very much communities of interest with common bonds in numerous areas such as commerce, history and friendship. Dividing the two counties will weaken their united political power as important suburban districts. This will adversely affect their voice in such areas as transportation and economic development.

By linking Chesterfield and Henrico Counties with heavily rural Congressional Districts, the Map acts to suppress the importance of Richmond's suburbs. As beautiful as the rural areas are, suburban Richmond is not foremost on their inhabitants' issues. These constituents will therefore vote accordingly for Members of Congress who may not be friendly toward the suburbs.

The current VA-7 is a crucial swing District which contains a diverse group of voters and which in many ways represents the Commonwealth of Virginia. Taking the district and arbitrarily kicking it northward does not reflect the will of the people in a democracy. There is no underlying governmental interest to partition the Richmond suburbs and to suppress vital links between the residents and voters of Chesterfield and Henrico Counties.

Another area I want to address concerns the needs of minority areas as a component of the redistricting process. It is an axiom that minority areas will have a smaller political impact on governmental operations than more affluent communities. As a result of this, and keeping in mind the requirement to satisfy the doctrines of Equal Protection and Due Process, minority communities should be kept together as much as possible when Congressional lines are drawn. This is especially true regarding Chesterfield and Henrico Counties. The Map acts to dilute the minority vote in the Richmond suburbs. Utilization of the Map will result in minority constituents' needs being ignored or given a low priority. A political party which reflects the needs of minorities has a more difficult time getting its candidates elected because the poor and the wealthy often have different priorities for government. Being part of a minority can create a feeling of political

Ms. Muriel-Theresa Pitney
Written Comment of David H. Stonehill
December 20, 2021
Page Three

hopelessness and despair. If a person feels that he/she is being ignored by his/her elected officials, the person may very well withdraw from the political process completely. "Why bother to vote at all, nothing changes", the person may think.

It is true that minority communities do suffer lower turnout in elections than do affluent communities. This is a most insidious form of vote suppression indeed because it is done internally by the voter. The voter simply stops voting. This is really unacceptable in a modern democracy. A high level of political participation should be encouraged for all of our elections whether in a Presidential year or not. We must encourage all of our citizens to vote and to become engaged with their government in a meaningful way. This means showing leadership by giving people a reason to vote. A reason begins through the preservation of minority communities within a single VA-7 Congressional District for both Chesterfield and Henrico Counties respectively.

I urge this Court as well as the Special Masters to also reconsider the Map based upon the views of our citizens and friends who are expressing their interests through public hearings and by other written comments. The Court is engaged in an important mission and I wish you well.

Respectfully yours,

David H. Stonehill

From: [Sabina U Joe](#)
To: [Redistricting](#)
Subject: Redistricting Comment on Supreme Ct of Va Draft Plan by Special Masters
Date: Monday, December 20, 2021 12:47:52 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

While a heroic effort, the Special Masters' first draft Redistricting Maps have fundamental flaws crying out for improvement in the case of my present State Senate District 34 (proposed draft State Senate District 37); present State Delegate District 37 (proposed State Delegate District 11); and present U.S. House of Representatives District 11 (proposed U.S. House of Representative District 11).

The Special Masters' Memo of 12/7/21 ("Memo"; "M") states that although they were instructed to prioritize first the 14th Amendment and then the Voting Rights Act, instead they began with the Statutory Criteria (Code Sec. 24.2-304.04) to draw districts they believe meet the constitution and statutory population requirements (Memo at p. 2). By so doing, they exalted simplified proxy criteria such as the statutory "deviations of population should be no more than 5 percent for legislative districts" and *mistakenly* suggest this is "bettering" the U.S. Supreme Court's 10% deviation precedent guideline for state legislative districts as if, taken to mathematical extremes, a half percent deviation of population for legislative districts would be even *better* in meeting the fundamental *spirit and meaning* of the 14th Amendment *right to "due process under the law to protect life, liberty, and property."* This elevates a metric above the meaning of the 14th Amendment. It is possible that the *reasonable flexibility* permitted by a 10% guideline may be a better fit to the factual spatial population distributions in some communities. Similarly, the Special Masters draft maps err by elevating the impotent metric of "compact" as-the-crow-flies polygons over any real attempt to identify certain communities of interest.

This sterile metric approach works against a better informed U.S. Supreme Court approach which is to recognize that "shared broadcast and print media, public transport infrastructure, and institutions such as schools and churches" are part of its definition of community of interest (M. at p. 6) Indeed the Special Masters recognize that this partial definition illustrates the existence of unique communities of interest (COI) like the Blue Ridge and Shenandoah Valley. In keeping with this better definition of a COI, I believe that any redistricting needs to recognize the diverse but vibrant community interest displayed in the neighborhoods surrounding central State 123 and major crossroads such as the east-west U.S. Hwy 50). Community of Interest does not require a homogeneity of population or dwelling type. Rather, the *DIVERSITY* characterizes the resident population and business/ cultural features along the Hwy 123 and Hwy 50 east that make it a unique Community of Interest.

Every urban planner knows (B.S. *magna cum laude*, Urban Life/Land Development major, thank you) that people don't fly like crows and so "compact" polygons are not necessarily indicative of a COI. Rather, major transportation arteries, common houses of worship and cultural interests, GMU students, senior citizens, multi-residential dwellers share a *common interest in a multicultural small town way of life*, complete with town festivals, local print media, outdoor parks and concerts, multi-ethnic population, schools and baby to grandparent

families. The vibrant, diverse COI on both sides of Hwy 123 and Hwy 50 east of Hwy 123 need redistricting that respects keeping together GMU, Fairfax City, central Fairfax County, Oakton, Vienna, Tyson, my Stonehurst neighborhood, Mantua, and Kings Park West.

Thank you,
Sabina U. Joe
9313 Marycrest Street
Fairfax, Va 22031
Tel. 703-273-3284



COMMONWEALTH OF VIRGINIA

HOUSE OF DELEGATES

RICHMOND

C. TODD GILBERT

POST OFFICE BOX 309
WOODSTOCK, VIRGINIA 22664

MINORITY LEADER

COMMITTEE ASSIGNMENTS:

FINANCE
AGRICULTURE, CHESAPEAKE &
NATURAL RESOURCES
RULES

December 20, 2021

Ms. Muriel-Theresa Pitney
Clerk of the Supreme Court of Virginia
100 N. 9th St., 5th Floor
Richmond, VA 23219

Dear Madam Clerk:

The House Republican Caucus respectfully submits two maps for consideration by the Court and the Special Masters. Both maps follow the requirements of the United States Constitution, including the 14th Amendment, the Voting Rights Act of 1965, the Constitution of Virginia, the Code of Virginia, and other applicable federal and state constitutional and statutory provisions.

The first map was drawn independently from the Special Masters' and represents an ideal map that follows the above criteria. We respectfully commend it to the Court and the Special Masters for consideration.

The Second Map begins with the Special Masters' map and simply unpairs two incumbents with as few other moves as possible to effectuate the unpairing. As has been widely reported, the Special Masters' map pairs numerous incumbents (and in two cases triples them). Both incumbents identified in the Second Map live adjacent to another district that does not currently have a resident legislator. Rather than force them to physically move or run against a colleague, the Second Map would slightly move the district lines. We understand that if the Court accepts some or all of this map, it may accept reciprocal unpairing for Democrat legislators who are similarly paired.

Founding Father Roger Sherman expressed the importance of preserving the ability of sitting legislators to continue serving when he stated, "Nothing renders government more unstable than a frequent change of the persons that administer it." The House of Delegates is in session for only 60 days and experiences significant turnover – in the 2021 term, 70 members had been Delegates for fewer than ten years and 40 members had been Delegates for fewer than five. A map that unnecessarily pairs legislators hampers institutional knowledge and the stability of the House. We respectfully ask the Court to adopt some or all of the changes in this map.

Copies of the maps and the shape files are included with this submission. Thank you for your consideration.

Regards,

A handwritten signature in black ink, appearing to read "C. Todd Gilbert".

C. Todd Gilbert
House Minority Leader

Map # 1

<https://www.dropbox.com/t/lbrTgpDrOw0ezAJb>

Map # 2

<https://www.dropbox.com/t/zkoYB8AZoKu9aP6A>

From: [Kelly Brennan](#)
To: [Redistricting](#)
Subject: New River Valley: Blacksburg/Christiansburg/Radford
Date: Monday, December 20, 2021 12:50:54 PM

EXTERNAL EMAIL

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Honorable Members of the Supreme Court,

As a native and 45+ year resident of Montgomery County, I believe the Special Masters missed the mark here in the New River Valley when drawing both House (HD 41 and 42) and Senate (S4 and 5) district lines.

As the Special Masters point out, Communities of Interest (COI) form the underpinnings of HD districts. The New River Valley (NRV), consisting of Floyd, Giles, Montgomery and Pulaski counties and the city of Radford, is a clearly defined and cohesive COI, both geographically and culturally. Characterized by substantial cooperation and integration of governmental, economic, and educational activity, Virginia Tech provides the anchor for our NRV community.

Currently, the NRV is bound within two HD districts and two Senate districts; the proposed map places us in four widely divergent HD, and two Senate districts that entirely excludes Floyd county. None of this makes sense from any standpoint.

From a strict population standpoint, the NRV contains 181,854 residents, enough for two contiguous and compact HD districts, though I am sorry to say, would require shifting anywhere from approximately 5,000 to 13,500 residents into adjacent districts. Still, I believe this is far preferable to what is both proposed and exists. Those folks on the periphery of the NRV could be integrated into district/s sensibly and with sensitivity to their interests.

Further, within this context, there is a highly integrated core population of Blacksburg, Christiansburg and Radford city with a population of 84,244 that could form a single HD; the remaining NRV population (minus the aforementioned residents) could then be served by the other HD.

Senate districts are not so clearly or easily drawn. That said, I believe we can do better by the residents of the NRV by linking them with the Roanoke Valley, with which we have many economic, educational and social ties. Further, governments in the two regions regularly cooperate on issues of transportation, public safety, and economic development. Coupling the NRV with counties much further to the west and with differing local needs simply doesn't make sense as in the proposed S5, nor does excluding Floyd county altogether.

The combined populations of the NRV and the Roanoke Valley is 404,140; nearly enough for two contiguous and compact districts with similar interests. The minutia is harder to cipher given the population distribution, yet seems far more sensible and serving of the populous than placing said residents in 4 geographically, economically and socially divergent Senate districts.

I do hope you will consider these recommendations, as I believe they would better serve the interests and needs of the citizens of the New River and Roanoke Valleys for years to come, than would the proposed districts.

Respectfully yours,

Kelly Brennan
4462 Sidney Church Road
Riner, VA 24149

From: [Michael Tabony](#)
To: [Redistricting](#)
Subject: Communities of Interest.
Date: Monday, December 20, 2021 12:52:31 PM

EXTERNAL EMAIL

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Judges,

The map as drawn completely ignores the mandate to respect communities of interest for much of the state. Please adjust it to maintain the communities of Charlottesville, Lynchburg, Roanoke, and Richmond. Charlottesville's community of interest is especially hacked up; that should be priority # 1.

Thank you,

Mike Tabony

From: [Sabina U Joe](#)
To: [Redistricting](#)
Subject: Fwd: Redistricting Comment on Supreme Ct of Va Draft Plan by Special Masters
Date: Monday, December 20, 2021 12:53:18 PM

EXTERNAL EMAIL

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Attention: Ms. Sharon L. Abernathy

Please find my general comment submitted on the Redistricting below.

Thank you,
Sabina U. Joe

----- Forwarded message -----

From: **Sabina U Joe** <bina.joe33@gmail.com>
Date: Mon, Dec 20, 2021 at 12:47 PM
Subject: Redistricting Comment on Supreme Ct of Va Draft Plan by Special Masters
To: <redistricting@vacourts.gov>

While a heroic effort, the Special Masters' first draft Redistricting Maps have fundamental flaws crying out for improvement in the case of my present State Senate District 34 (proposed draft State Senate District 37); present State Delegate District 37 (proposed State Delegate District 11); and present U.S. House of Representatives District 11 (proposed U.S. House of Representative District 11).

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This sterile metric approach works against a better informed U.S. Supreme Court approach which is to recognize that "shared broadcast and print media, public transport infrastructure, and institutions such as schools and churches" are part of its definition of community of interest (M. at p. 6) Indeed the Special Masters recognize that this partial definition illustrates

the existence of unique communities of interest (COI) like the Blue Ridge and Shenandoah Valley. In keeping with this better definition of a COI, I believe that any redistricting needs to recognize the diverse but vibrant community interest displayed in the neighborhoods surrounding central State 123 and major crossroads such as the east-west U.S. Hwy 50). Community of Interest does not require a homogeneity of population or dwelling type. Rather, the *DIVERSITY* characterizes the resident population and business/ cultural features along the Hwy 123 and Hwy 50 east that make it a unique Community of Interest.

Every urban planner knows (B.S. *magna cum laude*, Urban Life/Land Development major, thank you) that people don't fly like crows and so "compact" polygons are not necessarily indicative of a COI. Rather, major transportation arteries, common houses of worship and cultural interests, GMU students, senior citizens, multi-residential dwellers share a *common interest in a multicultural small town way of life*, complete with town festivals, local print media, outdoor parks and concerts, multi-ethnic population, schools and baby to grandparent families. The vibrant, diverse COI on both sides of Hwy 123 and Hwy 50 east of Hwy 123 need redistricting that respects keeping together GMU, Fairfax City, central Fairfax County, Oakton, Vienna, Tyson, my Stonehurst neighborhood, Mantua, and Kings Park West.

Thank you,
Sabina U. Joe
9313 Marycrest Street
Fairfax, Va 22031
Tel. 703-273-3284

From: [Diana Crosswhite](#)
To: [Redistricting: Diana Crosswhite](#)
Subject: Comment on Congressional District Proposed Map
Date: Monday, December 20, 2021 12:56:42 PM

EXTERNAL EMAIL

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To the Honorable Justices of the Supreme Court of Virginia
From Diana Crosswhite, MUEP, Henrico County Resident

First, I tried commenting directly on the map and nothing happened. I tried using Google Chrome and Microsoft Edge.

I am a native Virginian. I was born in Abingdon, VA and lived there until I attended college at UVa in Charlottesville. After graduating with my Master's Degree in Urban and Environmental Planning, I moved to Richmond, VA to begin my work career. I first was employed in the private sector as an Associate Planner that worked with communities all across Virginia to implement projects under the Community Development Block Grant program. My most notable project was working with the City of Franklin after the flood from Hurricane Floyd. I left the private sector and have been employed by Virginia Housing since July 2002 and work in the Housing Choice Voucher program as the Policy and Training Manager. I say all of this because I feel my experience is valid to the conversation of redistricting and I did apply to be on the commission but was not chosen.

Data analysis and mapping are huge parts of my life and I fervently disagree with the Congressional Map proposed by the Special Masters. Although the SMs seemed to avoid any appearance of gerrymandering, I do not feel that they gave any consideration regarding the needs that different populations of the citizens of Virginia. I know you have received a lot of comments from people in the current 7th District, which is my district, who are outraged that you eliminated the district of a female Congressperson but my feelings on this are purely from a logical, data driven perspective. Including parts suburban Henrico with counties in the Northern Neck and Middle Peninsula makes absolutely no sense. The needs of these communities are completely different from the needs of inner Central Virginia. Proposed Districts 1, 2, 3, 4, 5, 6, and 9 need to be reconsidered. These areas need representatives in Congress that are focused on their specific issues and not competing with other parts of Virginia because of the economic and social issues. Middlesex County should not have to compete with the suburban Henrico county when it comes to projects that affect that coastal county that has a low median income.

I hope that you, the Court and the Special Masters, will consider having some open work

sessions during the first weeks of January to work with the citizens of these areas to identify needs beyond population and geography. I was against the way the Redistricting Commission was formed because I knew this very problem was going to occur. I wholeheartedly believe the original proposal was much more in line with a true non-partisan commission but here we are. Please listen to the citizens and re-evaluate the maps that have been submitted for your consideration. I know there are any number of planners across Virginia that are more than willing to provide assistance should you need it.

Respectfully,
Diana C. Crosswhite

From: pamdmerger@1791.com
To: [Redistricting](#)
Subject: Public comment on redistricting map
Date: Monday, December 20, 2021 12:58:26 PM

EXTERNAL EMAIL

THIS MESSAGE ORIGINATED FROM AN EXTERNAL ADDRESS. USE CAUTION CLICKING ON ANY LINKS OR DOWNLOADING ANY ATTACHMENTS

Dear Ms. Padden,

I have lived in the Fifth District in Charlottesville, Virginia for fourteen years. Before that I lived in Northern Virginia for twenty-nine years. I live in Central Virginia, but the redistricting plan moves Charlottesville from the Fifth District, which is primarily in Central Virginia, to the Tenth District, which is primarily in Northern Virginia. I believe it extends all the way to Loudon County. Based on my experience in living in both Northern and Central Virginia, I believe the two populations have significant differences. Therefore, it doesn't seem logical to move Charlottesville to the Tenth District. For this reason, I believe I will be better represented if Charlottesville remains in the district that represents the values of Central Virginians.

Sincerely,

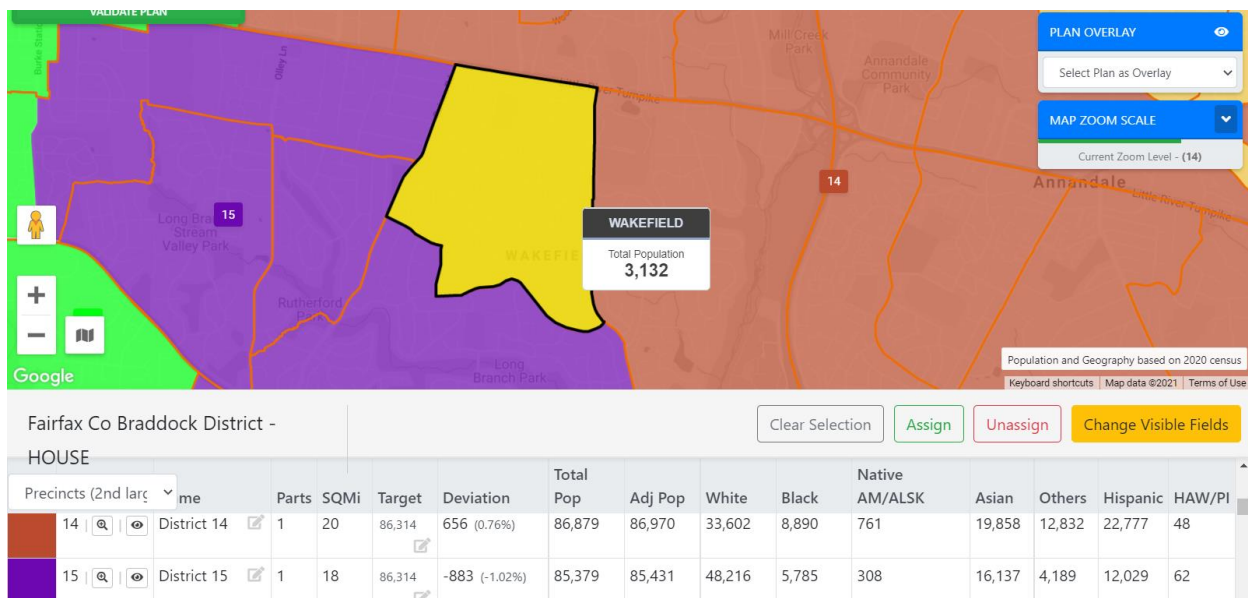
Patricia Van Ryn

TO: Chief Justice and Justices of the Supreme Court of Virginia
FROM: Aaron Yohai, lifelong Braddock District, Fairfax County resident and local political committee chairman and volunteer
Submitted: 12:30PM 12/20/2021
Re: Proposed changes to special masters' draft redistricting maps for VA Delegates, Senate

INTRO

Please accept my sincere gratitude for the great care and diligence in which the Court has solicited and heard commentary from the public about the newly proposed maps for Virginia legislative and congressional districts. I believe that all things considered, the special masters have performed admirably in drafting compact, equitable, and competitive districts for the House of Delegates and Senate of Virginia. Of course, as Virginia residents, it is incumbent upon the public to use this opportunity to consult with the Court on the details of these maps, especially with respect to communities of interest. Virginia, as you certainly know, is not a flat landscape, and though the draft maps are a fine start, the special masters did not quite capture the importance of certain local communities of interest with respect to the House and Senate districts. I provided my comment at the 12/17 public hearing, but in only 3 minutes I don't believe I could fully explain my recommendations. I will do so in greater detail in this written comment, instead. These maps, and the demographic data that I will provide to justify these changes, were created and retrieved in the MyDistricting Virginia online tool offered by the Virginia Redistricting Commission. Thank you for your attention to this.

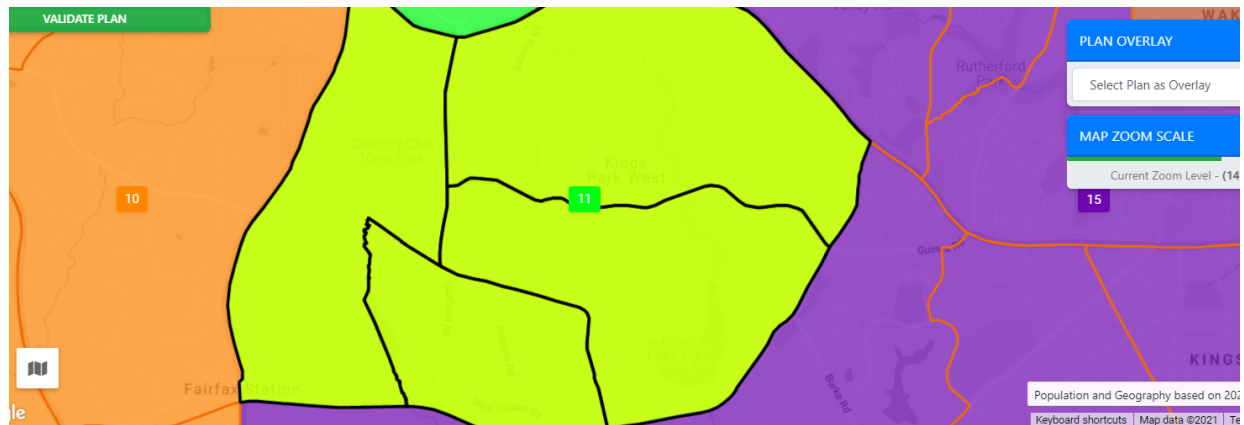
Proposed Change: Wakefield Precinct to HD14



I recommend that Wakefield precinct in Annandale be moved from HD15 to HD14 to better represent the Annandale area. Annandale is a substantial census-designated area and ZIP code (22003) which shares many commercial and cultural gems of the region, including the performing arts center at Northern Virginia Community College Annandale Campus and culturally significant commercial centers and dining establishments. Wakefield precinct in particular shares much of the same school-attendance area as HD14, virtually all of Mantua, Ridgelea and Mill Creek Park to the north also attends Woodson high school, and Chapel precinct which is also HD14 under the draft map is half of the Wakefield Forest Elementary School attendance area, the other half being Wakefield precinct itself; they should not be arbitrarily separated.

Moving Wakefield precinct to HD14 would further unite the Annandale area along the significant thoroughfare of Little River Turnpike, and fully unite the Wakefield Forest elementary school attendance area. These neighborhoods share a strong sense of shared community. The map screenshot included with this message shows that combined with other common-sense changes, House Districts 14 (+.76%) and 15 (-1.02%) would be still very close to target population. HD14 would maintain its majority-minority status. Not pictured on this map screenshot, but included in the demographic readout of the districts, is the inclusion of the half of Woodburn precinct inside the beltway within HD13 to offset the increase in population from Wakefield precinct. This would create a recognizable dividing line between the two districts at Gallows Road, and HD13 would still be closer to target population (+2.16%) than several other proposed House districts. Finally, neither of these small changes would upset the nesting principle as they would still be within Senate District 35.

Proposed Change: Robinson, Laurel, Bonnie Brae and Sideburn Precincts to HD11, SD37



fax Co Braddock District -

Clear Selection

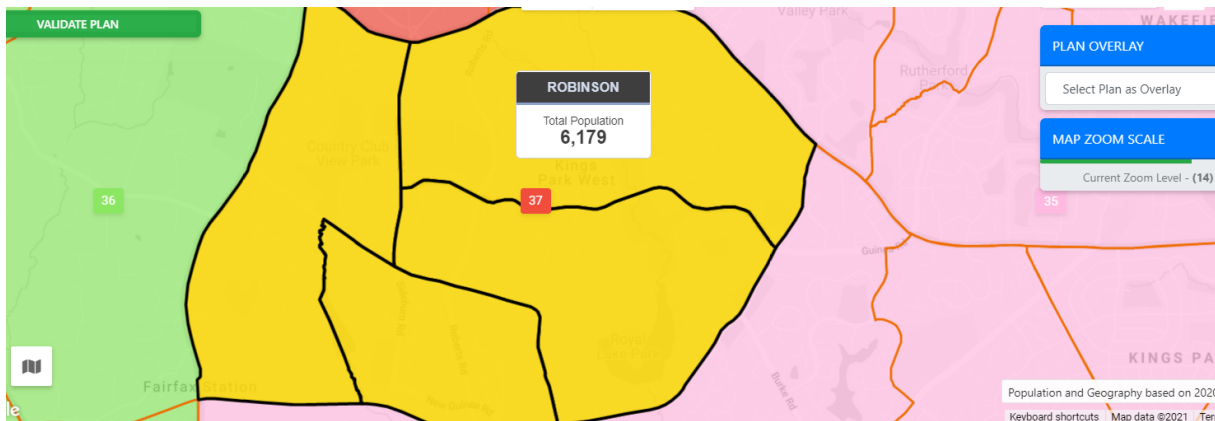
Assign

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USE

Precincts (2nd largest)	Precinct Name	Parts	SQMi	Target	Deviation	Total Pop	Adj Pop	White	Black	Native AM/ALSK	Asian	Others	Hispanic	HAWAIIAN
10	District 10	1	44	86,314	999 (1.16%)	87,257	87,313	41,745	6,379	333	25,373	4,412	10,360	70
11	District 11	1	22	86,314	686 (0.79%)	87,302	87,000	46,759	6,549	395	18,180	5,768	12,492	44



fax Co Braddock District -

Clear Selection

Assign

Unassign

Change Visible Fields

ATE

Precincts (2nd largest)	Precinct Name	Parts	SQMi	Target	Deviation	Total Pop	Adj Pop	White	Black	Native AM/ALSK	Asian	Others	Hispanic	HAWAIIAN
35	District 35	1	46	215,785	-606 (-0.28%)	214,985	215,179	98,586	18,222	2,134	42,843	25,560	50,032	139
36	District 36	1	102	215,785	-30 (-0.01%)	215,634	215,755	105,994	14,263	749	61,747	11,263	25,861	138
37	District 37	1	46	215,785	3,904 (1.81%)	219,915	219,689	112,642	13,117	1,096	50,611	17,801	36,175	119

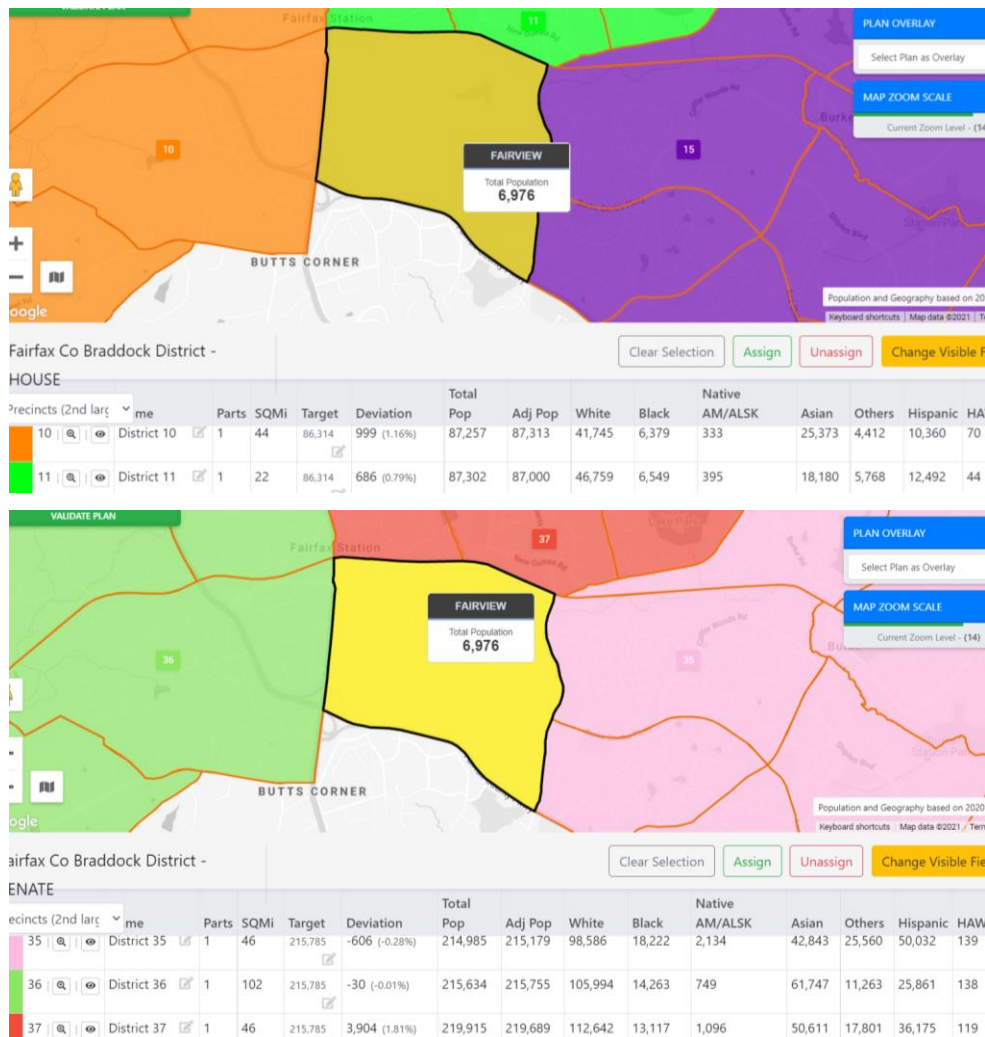
Proposed Change: Robinson, Laurel, Bonnie Brae and Sideburn Precincts to HD11, SD37 (Cont'd)

The present draft maps for House and Senate unfortunately divide the Kings Park West census-designated place between two House and two Senate districts. The drafts also did not capture the community of shared interest between these four precincts in the GMU area with the Fairfax campus and University Mall to its immediate north and further north with Fairfax City. This community has far more in common commercially and culturally with Fairfax City and GMU than it has with distant Centreville and Clifton, with which it is currently paired in HD10 and SD36, the only other precinct (Robinson) being arbitrarily included in HD15 and SD35. Instead, all four precincts should be included in the Fairfax City-centered districts of HD11 and SD37. This would unite the Kings Park West census-designated place and preserve this vital community of shared interest between that larger area and GMU-Fairfax City.

The impact on target population in HD11 and SD37 would be offset by another important change to the northwest, which I will explain in a different section. After all these changes are made, HD 11 (+.79%) and SD37 (+1.81%) would still be within target population range.

Proposed Change: Fairview Precinct to HD15 and SD35

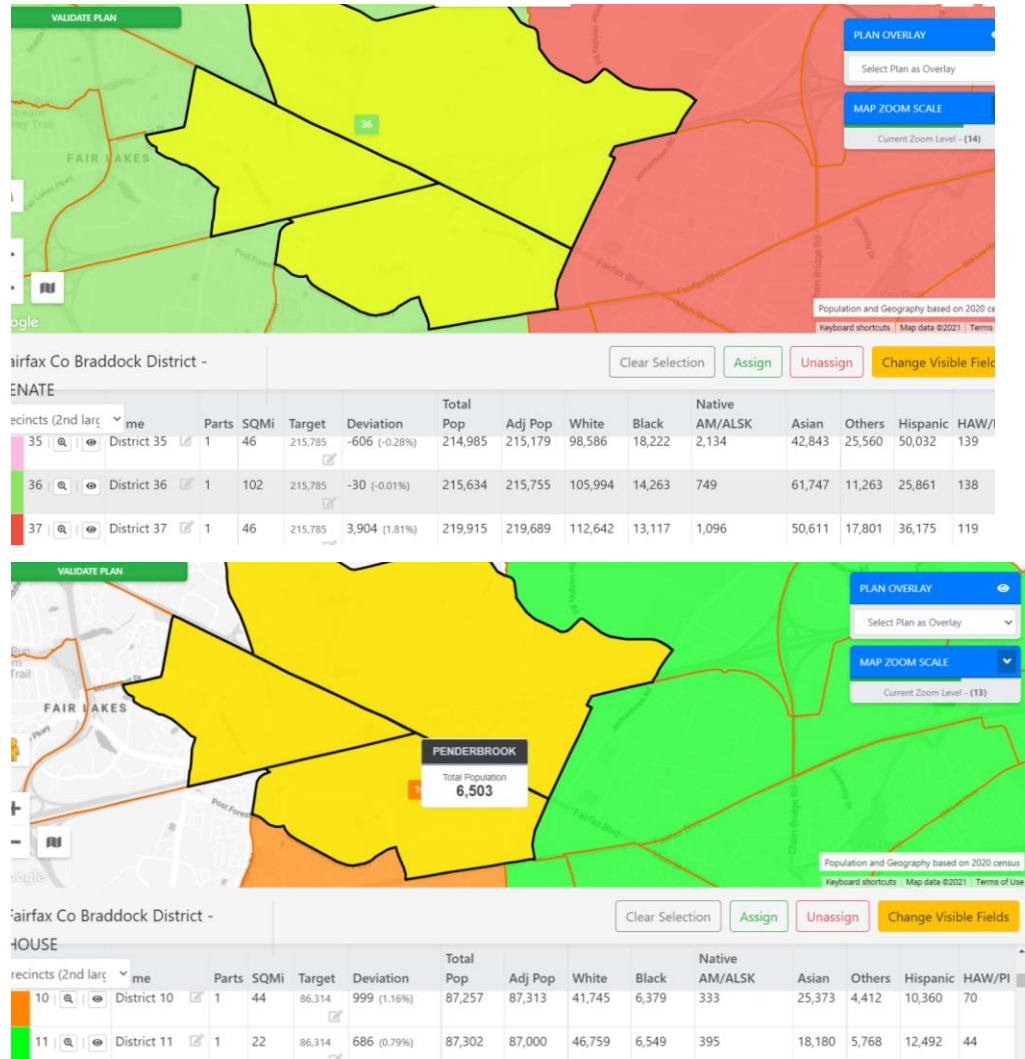
The Burke Centre census-designated place and homeowners association is a definite community of interest including a total of three precincts (Fairview, Terra Centre, and Burke Centre) that has unfortunately been divided into two House and two Senate districts under the draft maps. This is easily fixed by moving Fairview precinct to HD15 and SD15 from where it was previously (HD10 and SD36) with which it shares little interest or commercial ties. Burke Centre is one of two census-designated areas in the greater Burke ZIP-code (22015) which under this proposal would be fully unified in one House and one Senate district for the first time. The changes to target population of these districts are offset in my other proposed changes, which I have explained in the other sections of this proposal.



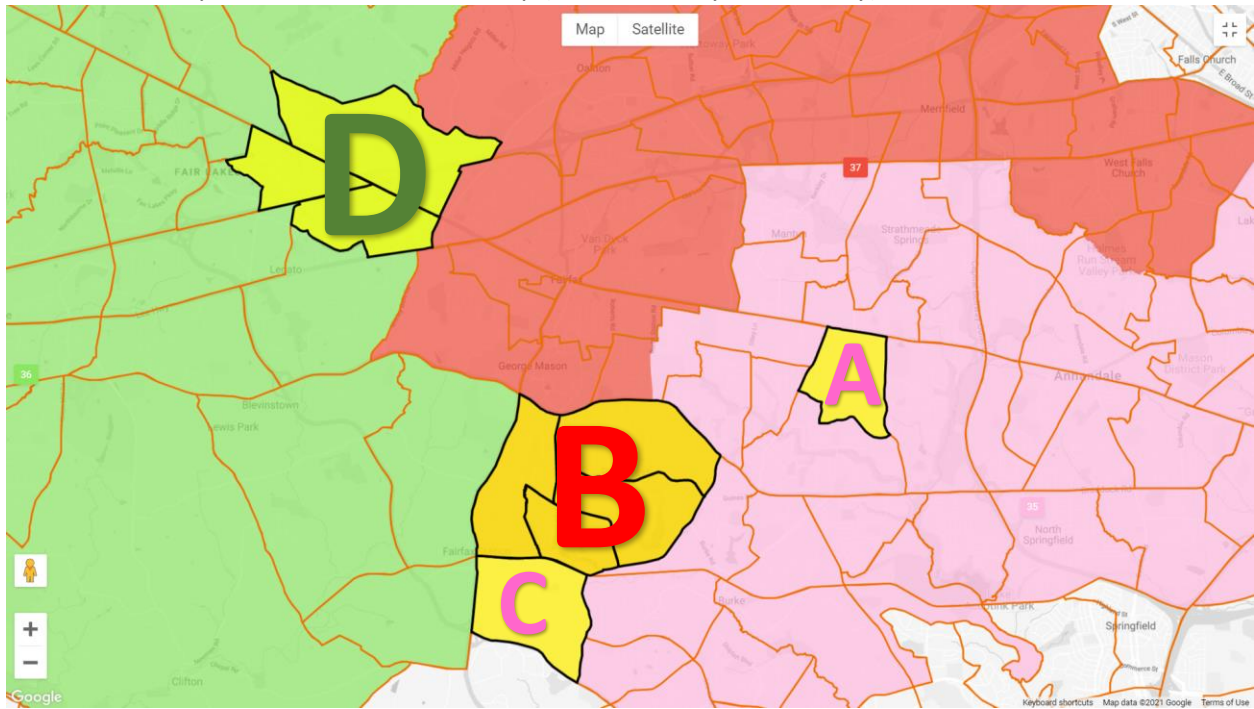
Proposed Change: Monument, Centerpoint and Penderbrook precincts to HD10 and SD36

This final change not only offsets the adjustments to other districts by population, but better captures the commercial and transportation interests of this relatively new area of development around Fairfax Corner and Fair Oaks Mall, which includes Monument, Centerpoint, Penderbrook and Eagle View precincts. All share much closer economic and transportation ties with Centreville, along the Routes 66 and 29 Lee Hwy corridors, Fairfax, and with western Fairfax County communities represented within the new boundaries of SD36 along Routes 608 West Ox Road and 286 Fairfax County Parkway. The inclusion of these three precincts with their sister precinct of Eagle View in HD10 and SD36 would make the Senate district more compact, better represent the needs of these shared communities of interest, and also favorably improve the diversity of this region currently represented by this House and Senate district. The slight loss of compactness for HD11 and SD37 is regrettable, but it is more important that these communities be well-represented for their shared interests. The Fairfax County Board recognized this

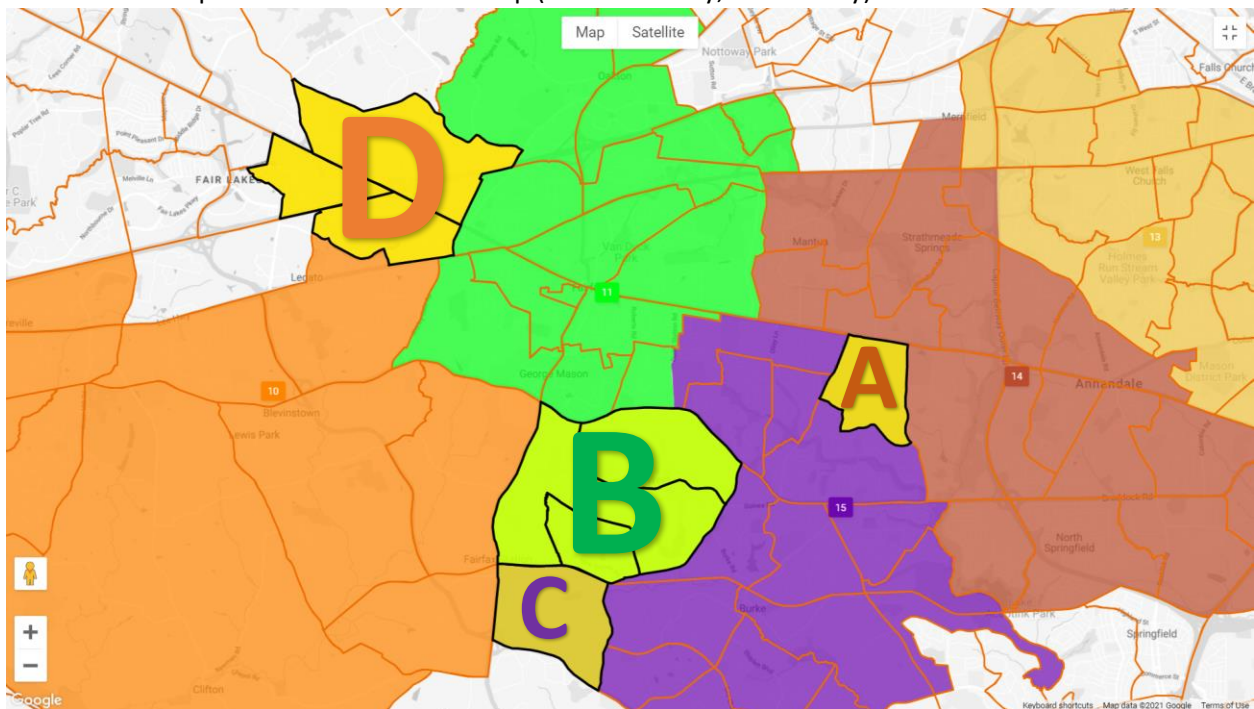
shared interest when it moved Penderbrook precinct into Springfield magisterial district (includes Centerpoint) and all three precincts moving to these new districts would form a neat and recognizable border with Fairfax City.



Aaron Yohai Proposal – Senate Districts Map (Fairfax County, Fairfax City)



Aaron Yohai Proposal – House Districts Map (Fairfax County, Fairfax City)



Summary:

- A. Wakefield Precinct – moves to HD14, remains in SD35
- B. Robinson, Laurel, Sideburn, Bonnie Brae precincts – move to HD11, SD37
- C. Fairview precinct – moves to HD15, SD35
- D. Monument, Centerpoint, Penderbrook precincts – move to HD10, SD36



COMMONWEALTH OF VIRGINIA

HOUSE OF DELEGATES

RICHMOND

C. TODD GILBERT

POST OFFICE BOX 309
WOODSTOCK, VIRGINIA 22664

MINORITY LEADER

COMMITTEE ASSIGNMENTS:

FINANCE
AGRICULTURE, CHESAPEAKE &
NATURAL RESOURCES
RULES

December 20, 2021

Ms. Muriel-Theresa Pitney
Clerk of the Supreme Court of Virginia
100 N. 9th St.
Richmond, VA 23219

Dear Madam Clerk:

The House Democratic Caucus submitted two maps: the first is drawn “from scratch” (hereinafter “Democratic Map #1”) and the second makes modifications to the map crafted by the Special Masters (hereinafter “Democratic Map #2”). Both maps are simply a power grab by the Democratic Party that opposed the bipartisan commission.

The first map is the aspirational map of the Democrats, and it represents their model plan. It should be rejected out of hand. Contrary to the assertion of the Democrats, it is in no way “balanced and fair.”

First, it does not comply with maintenance of communities of interest. District #64 stretches and winds from the bedroom community of Colonial Heights through rural communities to Smithfield. District #88 stretches from the Fredericksburg suburbs in Spotsylvania to Greene County. District #25 is split by the Blue Ridge mountains, and given that there is not even a road connection between the two parts, its delegate would have to go outside his / her district to drive from Page County to Madison County.

The winding nature of the districts is reflected in the map’s compactness score that shows the districts are not compact — and they are less compact overall than the maps drawn by the Masters. This lack of compactness exposes the unbalanced and unfair basis for the Democratic maps. As one example of many, to unpair Delegate Rip Sullivan, District #48 stretches across three jurisdictions, Fairfax County, Arlington, and Alexandria. (This of course is additionally not a community of interest.) Similarly, in addition to the District #25 noted above, District #100 connects the Eastern Shore with a portion of Norfolk which cannot be reached by bridge, and would require the delegate to drive through another district simply to meet with his constituents. Similarly gerrymandered districts abound in Democratic Map #1.

The map’s partisan intent is especially obvious from the pairings included therein. The map makes tortured efforts to unpair Democratic incumbents. See, for example, District #31, where Delegate Guzman’s residence is carefully carved out of District #52 and placed in District #31. Despite obviously knowing of the addresses of elected officials, the map pairs numerous Republican delegates and delegate-elects: (1) Delegate Will Morefield and Delegate Jeff Campbell in District #3; (2) Delegate James Edmunds and Delegate Les Adams in District #16; (3) Delegate Jay Leftwich and Delegate Barry Knight in District #81, although there is an “empty” district #78 adjacent; (4) Delegate Lee Ware and Delegate-elect Kim Taylor in District #65; (5) Delegate Kathy Byron and Delegate Chris Head in District #17; and (6) Delegate Joe McNamara and Delegate-elect Marie March in District #6. This last is especially obvious, as Delegate McNamara’s residence is less than 100 yards from the boundary for the new empty district #8. The map also pairs Republican Delegate Emily Brewer and Democratic Delegate Clint Jenkins in District #76, but District #76 is a district

with a significant Democratic advantage as drawn. Indeed, the only apparent pairing of Democratic incumbents is District #94, which currently contains Delegate Mike Mullin and Delegate Shelley Simonds, but Delegate Mullin has already announced his intention to move to Williamsburg, which is – conveniently – in an empty seat (District #93). In short, the Democratic map would pair and thereby eliminate 7 Republican incumbents and not a single Democrat.

The true purpose of the map is to entrench an unassailable Democratic majority for the next decade, and this can be demonstrated by the scalpel-like precision of the districts drawn. From the Special Masters memorandum, we gather that the Special Masters used data from the 2017 Attorney General race without allocating Central Absentee voters to their individual precincts. Using this data, the median 50th and 51st most Democratic districts returned 55.08% and 54.77% in favor of Democrats, and this is notwithstanding the geographic advantage that the Special Masters noted for the Republicans. In other words, Democratic Map #1 is much more politically disproportionate than the Special Masters' map. This can be more easily observed in the actual election results for the proposed districts. Although the Democratic statewide candidate obtained 53.3% of the vote, he would have won a majority in 61 seats under the Democratic Map #1. This map is a direct effort to ensure Democratic majorities.

In sum, Democratic Map #1 does not comply with the map drawing criteria identified by the court and is simply a political effort by the Democratic party to overturn what Virginia voters placed in the Constitution. It should be rejected out of hand.

Democratic Map #2 is intended to protect specific identified Democratic incumbents, sometimes at the expense of others, and to do it under the obviously false guise of promoting communities of interest. In doing this, Democrats seek to use their maps to choose the winners and losers in the next election. For example, to unpair Delegate David Bulova, two precincts are swapped between Districts 10 and 11, extending tendrils into each and making them both less compact. To unpair Delegate Vivian Watts, one precinct is moved from District 15 to District 14. To unpair Delegate Luke Torian, the already uncompact District 19 is extended even further, and the district is clearly not a community of interest as it extends from Mount Vernon to Woodbridge. The Map also modifies the boundary between Districts #78 and #79 in Richmond, which has the effect of moving Delegate Bourne into the same district as Delegate McQuinn.

Democratic Map #2 purports to address communities of interest, but Democratic Leadership who submitted the map would have the Court and Special Masters believe that the transfer of the handful of precincts just so happened to always unpair senior incumbents who had been paired in the Special Masters' map. Democratic Map #2 would: 1) unpair the current Speaker who drafted the letter to the Special Masters; 2) unpair the current chair of the House Appropriations Committee; 3) unpair the current chair of the House Finance Committee; and 4) unpair the current chair of the House General Laws Committee. It would also move a member of the Black Caucus into a District with another member of the Black Caucus, ensuring the loss of at least one member of the Black Caucus.

This Court should reject the calculated and partisan efforts of the Democrats in these two plans, and it should not accept the efforts of the Democratic party to undermine the will of the people of the Commonwealth of Virginia.

For the foregoing reasons, the two maps submitted by the Democrats should be rejected.

Regards,



C. Todd Gilbert
House Minority Leader