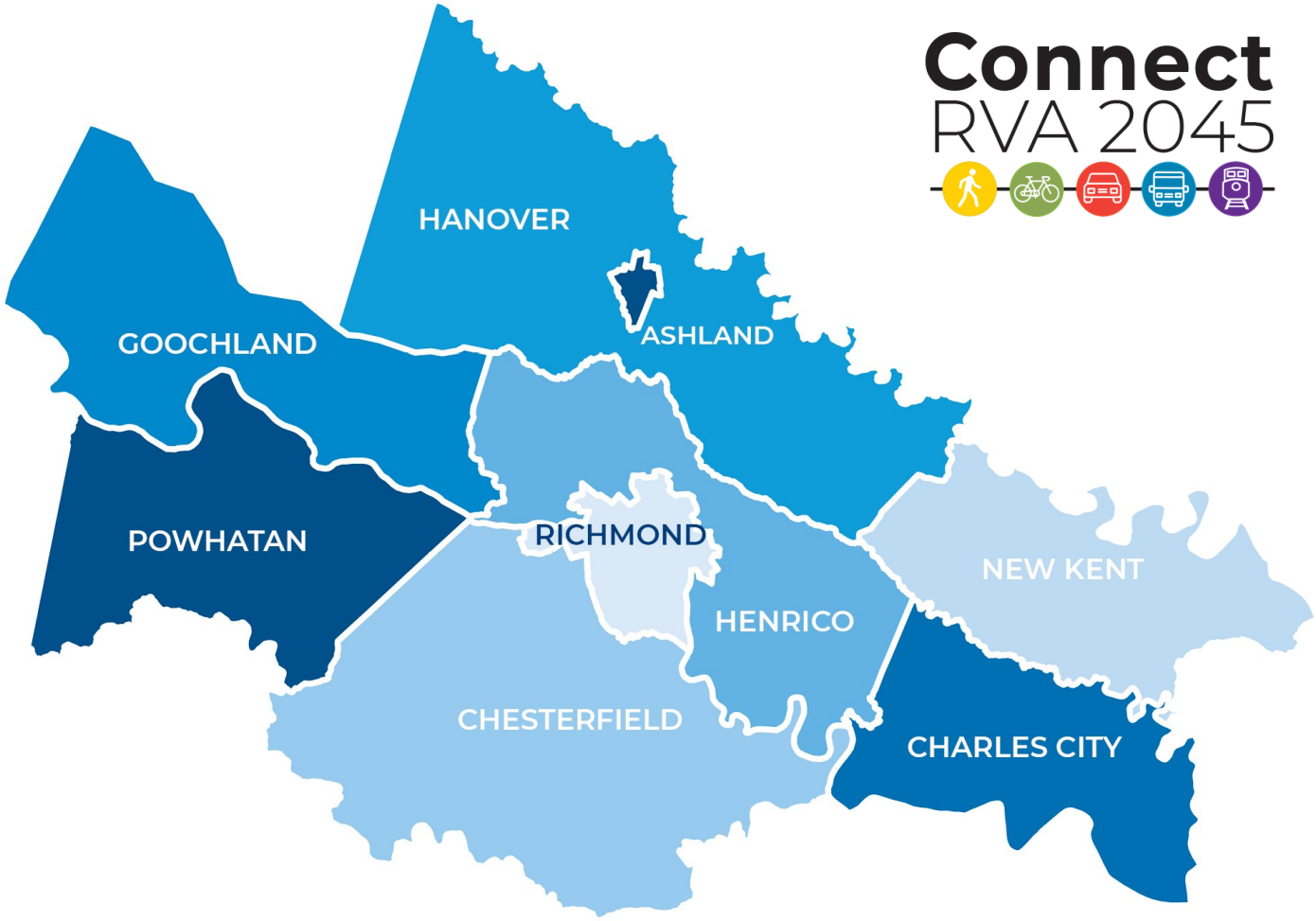
Richmond Regional Transportation Planning Organization

Socioeconomic Data Report for the 2017 Base Year and 2045 Forecast Year



PlanRVA
THE REGIONAL COMMISSION

Prepared by PlanRVA
Approved by RRTPO Board on Sep 5, 2019

Richmond Regional Transportation Planning Organization

ACKNOWLEDGEMENT

This report was prepared in cooperation with the United States Department of Transportation, Federal Highway Administration, the Virginia Department of Transportation, Virginia Department of Rail and Public Transportation, GRTC Transit Systems and the representatives of the nine local jurisdictions of the Richmond region and is the collective work of state, regional and local representatives of the Richmond Regional Transportation Planning Organization (RRTPO) Socioeconomic Data Workgroup.

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Richmond Regional
Transportation Planning Organization

RRTPO POLICY BOARD AGENDA 9/5/19; ITEM B.

LRTP SOCIOECONOMIC DATA

Richmond Regional Transportation Planning Organization

On motion of David T. Williams, seconded by Manuel Alvarez, Jr., the Richmond Regional Transportation Planning Organization (RRTPO) policy board unanimously approved the following resolution:

RESOLVED, that the Richmond Regional Transportation Planning Organization (RRTPO) policy board approves the 2017 Base Year Socioeconomic Data and 2045 Future Year Socioeconomic Data at the Traffic Analysis Zone (TAZ), Jurisdictional and Regional levels, as presented, to be used in the Richmond/Tri-Cities (RTC) Model update process.

****

This is to certify that the Richmond Regional Transportation Planning Organization policy board approved the above resolution at its meeting held September 5, 2019.

WITNESS:

Sharon E. Robeson
Program Assistant
PlanRVA

BY:

Chet Parsons
Secretary
Richmond Regional Transportation Planning Organization

Richmond Regional Transportation Planning Organization

The Richmond Regional Transportation Planning Organization (RRTPO) is the federal and state designated regional transportation planning organization that serves as the forum for cooperative transportation decision-making in the Richmond area. The Richmond Regional PlanRVA is the contracting agent and staff for the Richmond Regional TPO.

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- George M. Spagna *

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- Floyd H. Miles
- William G. Coada *

Chesterfield County
- Steve A. Elswick
- Christopher Winslow
- James M. Holland
- Leslie Haley *

Goochland County
- Manuel Alvarez, Jr.
- John L. Lumpkins, Jr.
- Susan F. Lascolette*
- Thomas M. W. Coleman * *

Hanover County
- W. Canova Peterson
- Angela Kelly-Wiecek
- Wayne T. Hazzard *
- J. Michael Flagg * *

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- W. R. Davis, Jr. *

Powhatan County
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- Bret Schardein * *

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- Kimberly B. Gray
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- Michael J. Jones *
- Kristen Nye Larson *
- Ellen F. Robertson *

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GRTC Transit System
- (Vacant)
- Garland Williams *

RMTA
- Joi Taylor Dean
- (Vacant)

Virginia Secretary of Transportation Designee
- Barton A. Thrasher
- Mark E. Riblett *

* *Alternates*

* * *Not eligible to vote*

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Introduction

The scope development for ConnectRVA2045, the Long-Range Transportation Plan (LRTP or simply the Plan) for the Richmond region is underway. ConnectRVA2045 will be a significant decision tool to guide how the RRTPO and its partners will meet the transportation needs of the Richmond region over the next 20 years. Changes in federal transportation regulations require the Plan to have as its foundation a performance-based planning focus.

The Richmond Tri-Cities (RTC) regional travel demand model will be a critical tool for assessing transportation system performance for the LRTP. The RTC model will be used to identify existing and future needs for the highway and transit network, and to evaluate the potential impact of investments. performance measures such as volume/capacity ratio, vehicles miles traveled, vehicle hours traveled, average congested speed by facility type, travel time improvements, and accessibility improvements to major destinations. The results of the analysis will be used to evaluate if the proposed investments achieve the desired impacts in fiscally-constrained plan.

A first task in the ConnectRVA2045 update process is to update the RTC regional travel demand model and the supporting socio-economic (SE) data. The RRTPO, the Tri-Cities MPO and VDOT Richmond District staff are working closely with VDOT modeling staff and their consultants to update the RTC model. The RTC model will be updated to a new base year (2017) and horizon year (2045). The completion of the process in anticipated in around late summer of 2019.

RTC model update requires a new set of base year (2017) and horizon year (2045) population and derivatives, school and college enrollment, auto ownership and employment data as primary inputs. The 2017-2045 SE Data provides estimates and projections of population, employment and other socioeconomic data of the Richmond Region within small geographic areas called Transportation Analysis Zones (TAZs). Though the primary purpose of the 2017-2045 SE is to provide input into the RTC Model, this data is also used by local governments, regional and state agencies, non-profit organizations and consultants for a variety of demographic planning purposes like comprehensive economic development analysis, infrastructure planning on a local or regional basis, sustainability plans, or local comprehensive planning in the context of a region. This data is unique in sense no other available dataset provides future projections of population, employment and derivative in a small geography like the TAZ.

This work is developed by a working group of the RRTPO Technical Advisory Committee – the Socioeconomic (SE) Data Work Group. The establishment of SE Data Work Group has occurred with the development of each long-range transportation plan and includes appointees from local government staff who are qualified to confirm the required data inputs and representatives from VDOT, DRPT and GRTC. Locality involvement is critical to confirming data at the transportation analysis zone (TAZ) level.

The Socioeconomic Data Work Group to develop the 2017-2045 data was convened in the early spring of 2018.

2017 Base Year Summary Table

2017 Base Year Data											
	Population			Housing			School Enrollment		Employment		
Jurisdiction[1]	Total	In Households	In Group Quarters	Housing Units	Households	Autos	K-12	Colleges	Total	Retail	Non-Retail
Charles City	7,126	7,126	0	3,328	2,874	8,672	650	0	1,668	96	1,572
Chesterfield[2]	340,848	336,197	4,651	132,586	124,595	293,337	62,779	20,985	131,120	34,646	96,474
Goochland	23,536	22,812	724	9,679	8,981	23,485	2,925	531	13,966	1,360	12,606
Hanover[3]	109,595	106,677	2,918	41,706	40,247	97,794	18,226	1,418	50,625	12,969	37,656
Henrico	335,283	328,396	6,887	135,623	132,421	279,241	57,860	11,490	191,240	45,877	145,363
New Kent	21,347	20,740	607	8,389	8,008	21,868	3,336	100	3,956	948	3,008
Powhatan	29,147	27,150	1,997	11,022	10,442	29,566	4,635	0	6,092	1,577	4,515
Richmond	224,798	210,302	14,496	108,043	99,958	129,444	29,536	41,746	152,044	24,468	127,576
Total	1,091,680	1,059,400	32,280	450,376	427,526	883,407	179,947	76,270	550,711	121,941	428,770

[1]Includes all jurisdictions in Planning District 15 (i.e. MPO Study area, rural areas, and Tri-Cities Area MPO portion of Chesterfield)
[2]Chesterfield County TAZs are located in both the Richmond TPO and Tri-Cities MPO.
[3]Includes the Town of Ashland

2045 Forecast Year Summary Table

2045 Forecast Year Data											
	Population			Housing			School Enrollment		Employment		
Jurisdiction[1]	Total	In Households	In Group Quarters	Housing Units	Households	Autos	K-12	Colleges	Total	Retail	Non-Retail
Charles City	8,540	8,540	0	3,988	3,444	10,391	617	0	1,832	112	1,720
Chesterfield[2]	437,512	432,861	4,651	169,660	159,420	375,168	77,677	22,272	177,742	43,522	134,220
Goochland	33,738	33,014	724	14,025	13,003	33,705	4,182	531	20,507	1,976	18,531
Hanover[3]	145,559	142,590	2,969	54,324	52,423	127,162	19,553	1,418	65,859	18,847	47,012
Henrico	430,222	423,335	6,887	174,837	170,701	360,612	74,880	12,329	238,938	51,987	185,951
New Kent	36,270	35,435	835	14,334	13,682	37,365	6,102	310	5,979	1,267	4,712
Powhatan	41,248	39,251	1,997	15,934	15,097	42,694	6,362	0	7,528	1,843	5,685
Richmond	280,141	264,645	15,496	135,306	125,169	162,014	42,990	41,809	173,089	25,987	147,102
Total	1,413,230	1,379,671	33,559	582,408	552,939	1,149,111	232,363	78,669	691,474	145,541	544,933

[1]Includes all jurisdictions in Planning District 15 (i.e. MPO Study area, rural areas, and Tri-Cities Area MPO portion of Chesterfield)
[2]Chesterfield County TAZs are located in both the Richmond TPO and Tri-Cities MPO.
[3]Includes the Town of Ashland

Methodology For 2017 Base Year

Housing and Population

The 2017 base year methodology for development of the housing and population data used a bottom-up approach for tracking local residential development. Henrico and Hanover counties track their annual growth through their Continuing, Cooperative and Comprehensive data process, also known as 3-C data. Socioeconomic Data workgroup decided to use this approach for all jurisdictions in developing the population and housing data as part of the 2017-2045 Socioeconomic update process.

The following steps were used:

1. Certificate of occupancies (COs) and demolitions (Demos) by address/location was tracked and through the use of GIS, each CO and Demo point was spatially joined with the Transportation Analysis Zone (TAZ)
2. Using the 2010 Census data as the starting point, all the Census blocks with total population, group quarters population, total housing units, vacant housing units, and occupied housing units where nested into each TAZ.
3. Since the 2010 Census data was completed on April 1, 2010 each jurisdiction was instructed to track their COs and Demos from April 1 – Dec 31, 2010, and then for each subsequent calendar year from 2011 to 2017.
4. COs and Demos dating from April 1 – Dec 31, 2010 were then inputted into 3-C model for year 2010. Subsequently all COs and Demos for the whole year from 2011 to 2017 were input into the 3-C model.
5. The data development process used for Hanover, Chesterfield, and Henrico:
   - All three of these jurisdictions had already been tracking their 3-C data and have the same methodology described for the rural jurisdictions below with a few exceptions:
   - Having tracked 3-C data prior to 2010 all three jurisdictions had a breakdown between single family vs multi-family.
   - Henrico used surveys to identify group quarters population and the multi-family vacancy rates
   - All three jurisdictions used specific countywide average household size based on the 2010 Census and then used American Community Survey (ACS) in subsequent years.
   - All the jurisdictions used individual vacancy rate by TAZ based on the 2010 Census, ACS or Costar Vacancy data (if available)
6. The rural jurisdictions (Charles City, New Kent, Powhatan, and Goochland) process was developed as follows:
   - There was no breakdown of single family and multi-family.
   - A countywide vacancy rate, specific to each jurisdiction and based on either the 2010 Census or ACS was applied to all the rural jurisdictions for both single family and multi-family housing.
   - A countywide average household size was then applied based on the 2010 Census to calculate the single family and multi-family population.
7. City of Richmond data development process:
   - Only total housing units were tracked since the housing stock in the City is so much more diverse was no way to know the exact breakdown.
   - To account for the diverse housing stock the City was divided into five districts which had similar housing characteristics (downtown, northeast, southside, uptown, and the westend) and each district had a different vacancy rate and average household size

Employment

RRTPO staff used the 2nd quarter 2017 VEC data as the primary source for employment data. The 2017 VEC data was provided with latitude and longitude coordinate systems for most of the employer addresses allowing staff to plot most of the points rather than geocoding over 27,000 employer addresses. Over 95% of the 2017 VEC employment was either plotted or successfully geocoded. Employer addresses without latitude and longitude coordinates were geocoded after their addresses were verified.

Employers with 200 or more employees were verified through

contact (phone or email) and disaggregated to several locations where was necessary. The 2017 employment data also went to a thorough spot-checking process as RRTPO staff compared it against the 2012 employment. Any major differences were reality-checked. Some differences reflected employers relocating or going out of business. Other addresses were geocoded on the wrong side of the street or employment needed to be disaggregated into several locations. Generally speaking, staff researched any TAZ where employment had a difference of +/-100 and/or represented a large proportional difference. Several rounds of this spot checking were done along with notes as to reasons for major differences.

Autos

Virginia Department of Motor Vehicles (DMV) Automobile Registration Data was used as the primary source for autos. The aim was to get a database from DMV which only included registered motorized vehicle for personal use. RRTPO and DMV staff spent at least three sessions to developed the query which would yield the most appropriate database applicable. The process was started by querying out the Garage Jurisdiction (the address where the vehicle registration is sent to the customer. If a post box was provided, we also needed a physical address). We assumed that this address is where the vehicle is parked at night. If a vehicle is not registered or registered outside the region but is still parked at the address, we just ignore those. All non-motorized vehicles such as any type of trailers, chassis, hearse etc. were eliminated. Similarly, customer type – "Individual" and Use type "Personal" were only kept in the database. This filtered out fleet vehicles. Also, vehicles with more than 2 Axles were filtered out.

The data after all these different queries came out good. The registration addresses (almost 900,000 records for the Richmond region) where be geocoded, spatially joint and aggregated by TAZs. The database was then crosschecked with housing data. More than 99% of the data fell within the applicable autos per housing range.

K-12 School and College Enrollment

K-12 school enrollment was compiled using the fall of 2017 academic enrollment numbers provided by Virginia's Department of Education (DOE) for most of the jurisdiction. Hanover and Henrico counties used their School Board numbers. In some cases, axillary locations and alternative schools were called to verify.

K-12 private school enrollment was compiled using the 2012 database of private schools, RRTPO had maintained and the online website www.greatschools.org. The2017 fall enrollment number was used. For any other private schools where staff had no record of enrollment numbers, staff contacted individual schools.

University and college enrollment were compiled through phone calls to each institution, using the fall enrollment of the 2017-2018 academic year. These enrollment numbers include both full-time and part-time students. These institutions include 4-year universities, 2-year colleges, post-graduate programs, certificate programs, technical schools, and proprietary colleges and universities – also known as for-profit institutions of higher learning.

Methodology For 2045 Forecast Year

For the 2045 Future year data projections Socioeconomic Data Workgroup decided to do a Top-down approach in which we develop the jurisdictional control-total first, then distribute to the individual TAZs. Distribution to the TAZs was based on both current and future trends.

Two independent projections were done to establish the control-totals: population and employment. Other attributes were directly dependent on the established population control-totals.

Housing and Population

The Weldon Copper 2045 population projection – which is the commonwealth of Virginia's official projection was used as the jurisdiction control total for population. The Virginia State code provides a variance of plus/minus 10 percent from the Weldon Copper projections without documentation. If the variance is more than 10 percent a proper documentation is required. Most of the jurisdiction established their control- totals at Weldon Copper plus 10 percent with Henrico and Chesterfield Counties being the exception using a variance of plus 4 percent and minus 4 percent respectively. Overall, the regional population was 3.43 percent more than the Weldon Cooper projections.

For each jurisdiction the net difference of the base year population and the future year population was calculated. This yielded the exact new population which needs to be added. We assume that in the future year each TAZs retains at least the population as its base year unless there is a massive demolition project planned. TAZ population growth was based on major development projects (projects in a short-term pipeline 5-10 years). This information was either provided by the jurisdiction or researched from online and print media and press releases. In Richmond and Henrico infill development and vacant buildings were also considered. Finally, existing land use, existing zoning and future land use were considered to allocate the remaining population into the TAZs. This distribution of population in the TAZs was further reviewed by jurisdictional staff and in some cases tweaked based on local knowledge.

The major development project provided the number of new housing units for each TAZs. The households (or occupied housing units) were calculated using the vacancy rates. The vacancy rates were kept constant from the base year and use either the same jurisdiction-wide vacancy rates (smaller jurisdictions) or different vacancy rates for each TAZ (larger jurisdiction). Population was then calculated using the average household size, kept constant from the base year. The reaming population needed to reach the control -total was calculated in the reverse order. In this case the population was added to the TAZ first, then the households were calculated using the average household size and finally the housing units were calculated using the vacancy rates.

RRTPO staff and jurisdiction staff reached out or did a web research on any potential projections for Group Quarters population. When the projections were available, those were reflected in the TAZs. If there was no projection available, the group quarters population was kept constant from the base year.

Autos

RRTPO staff did a significant research on local, regional and national, current and future trends on auto ownership. The current trends show an increase on the auto-ownership rates (autos/ household) in the last decade. On the other hand, many research papers show a decline on future auto-ownership rates. Connected and Automated Vehicles market penetration by 2045 is another factor which would affect auto-ownership rates in the future and

could go either way. Based on all this research RRTPO staff decided to keep the auto-ownership rates constant from the base year. Each TAZ has a separate auto-ownership rate in the base year. The total households in each TAZ was multiplied by the auto-ownership rate to get the number of autos in each TAZs. The TAZ autos were aggregated to get the jurisdictional total.

K-12 School and College Enrollment

For the K-12 schools the growth is mostly accounted for in public school enrollment. Private school enrollment in the future year 2045 was kept constant to the 2017 base year unless projections numbers were received from individual entities. RRTPO developed a cohort component model which gives the future population by age cohort and gender. First, the total school age children (age ranges 5-9, 10-14 and 15-19) were calculated for 2045 using the cohort component model. Private school enrollment (from 2017 base year), drop-out rates and home-schooling rates (data from the 2017 DOE) was applied assuming they remain constant in 2045. Children living in one jurisdiction and going to private school in another jurisdiction and vice versa also were also considered and reflected by multiplying by an adjusting factor (constant). The adjusting factor is different for each jurisdiction and was calculated using 2017 data and kept constant for 2045. Applying the adjusting factor yielded the total public-school enrollment for each jurisdiction for 2045. The private school enrollment was then added to arrive at the total K-12 enrollment by TAZ. Hanover County calculated the K-12 growth based on their historical data and established a 0.25 percent annual growth rate.

RRTPO staff and jurisdiction staff reached out or did a web research on any potential projections for college and universities for 2045 which included looking at any published capital improvement or master plans. For community colleges staff looked at the historical enrollment numbers. The community colleges in the Richmond region had peaked in 2012 and have had a decline since then. Based on these observations the 2045 community college enrollment numbers were kept constant as 2017. For most proprietary colleges, when the projections were available, those were reflected in the TAZs. If there was no projection available, the college enrollment number was kept constant from the base year.

Employment

The State of Virginia has no body that develops employment projections neither is there an officially recognized employment projections. There are a number of private companies who provide proprietary employment projections by jurisdictions.

RRTPO staff contracted Chmura Economics & Analytics (Chmura), a Richmond based, nationally recognized economics and analytics firm to develop the employment projections for the future year 2045 by jurisdiction and by 2-digit NAICS code (by sector). Chmura was qualified to support RRTPO based on extensive knowledge of the Richmond region, previous experience with similar projects and existing set of analysis tools, datasets, and models.

The employment control-totals as established by Chmura was accepted by the jurisdictions. For each jurisdiction the net difference of the base year employment and the future year employment was calculated. This yielded the exact new employment which needed to be added. RRTPO staff assumed that in the future year each TAZs retains at least the same employment as its base year unless there is a major rezoning or a major demolition project. RRTPO staff first allocated employment based on what major commercial development projects were already in the pipeline gather from information provided by the jurisdiction staff or researched from online and print media and press releases.

Methodology For 2045 Forecast Year

The commercial development projects provided information on the type of the commercial activity and the and the total area or square footage. The square footage was converted into number of employees based on industry standards. For Richmond, Henrico and Chesterfield the employment was further distributed into the TAZs using a future land use (FLU) built-out analysis for square footage. The square footage was converted into number of employees based on industry standards. For Richmond, Henrico and Chesterfield the employment was further distributed into the TAZs using a future land use (FLU) built-out analysis. This FLU built-out analysis looked at land uses as they related to retail, office, industrial, and mixed-uses assuming any undeveloped land would be developed to 30-50 percent of its capacity. For Hanover country the employment was further distributed into the TAZs by identifying areas for economic growth which focused on major corridors in the county with heavy emphasis on US-33 corridor growth. For all the jurisdictions, the remaining employment needed to reach the control total was distributed proportionally to all remaining TAZs not previously allocated by pipeline activity or by the FLU built-out analysis/ major corridors to account for natural employment growth based on the 2017 employment distribution. This distribution of employment in the TAZs was further reviewed by jurisdictional staff and in some cases tweaked based on local knowledge.

The employment was further broken down into retail and non-retail based on pipeline commercial activities, 2017 employment mix and future land use and aggregated to jurisdictional control totals developed by Chmura. Similarly, for modeling purpose the employment was further broken down into 2-digit NAICS code (20 categories) for each TAZ and aggregated to the NAICS jurisdictional control-totals developed by Chmura.

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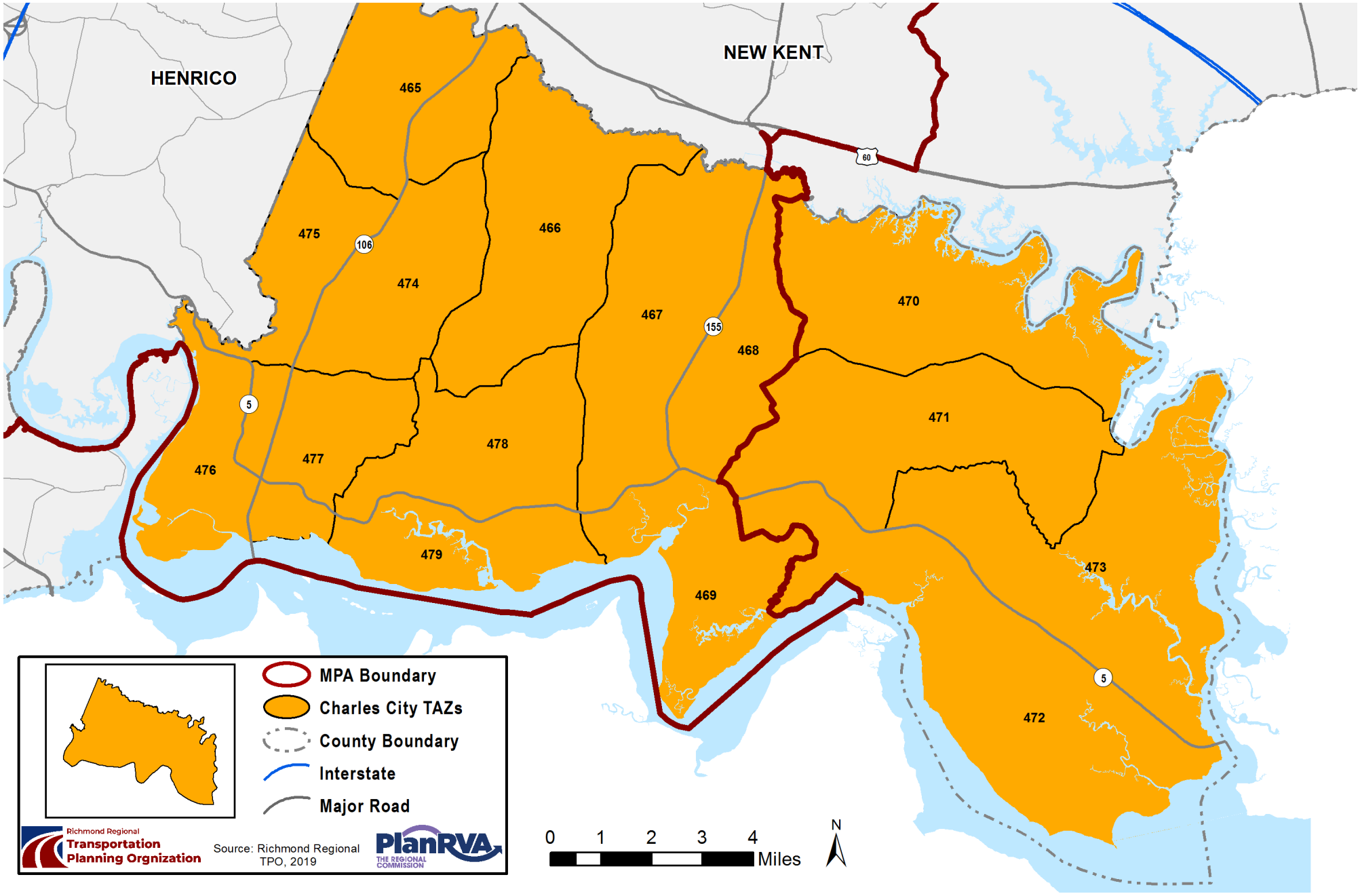
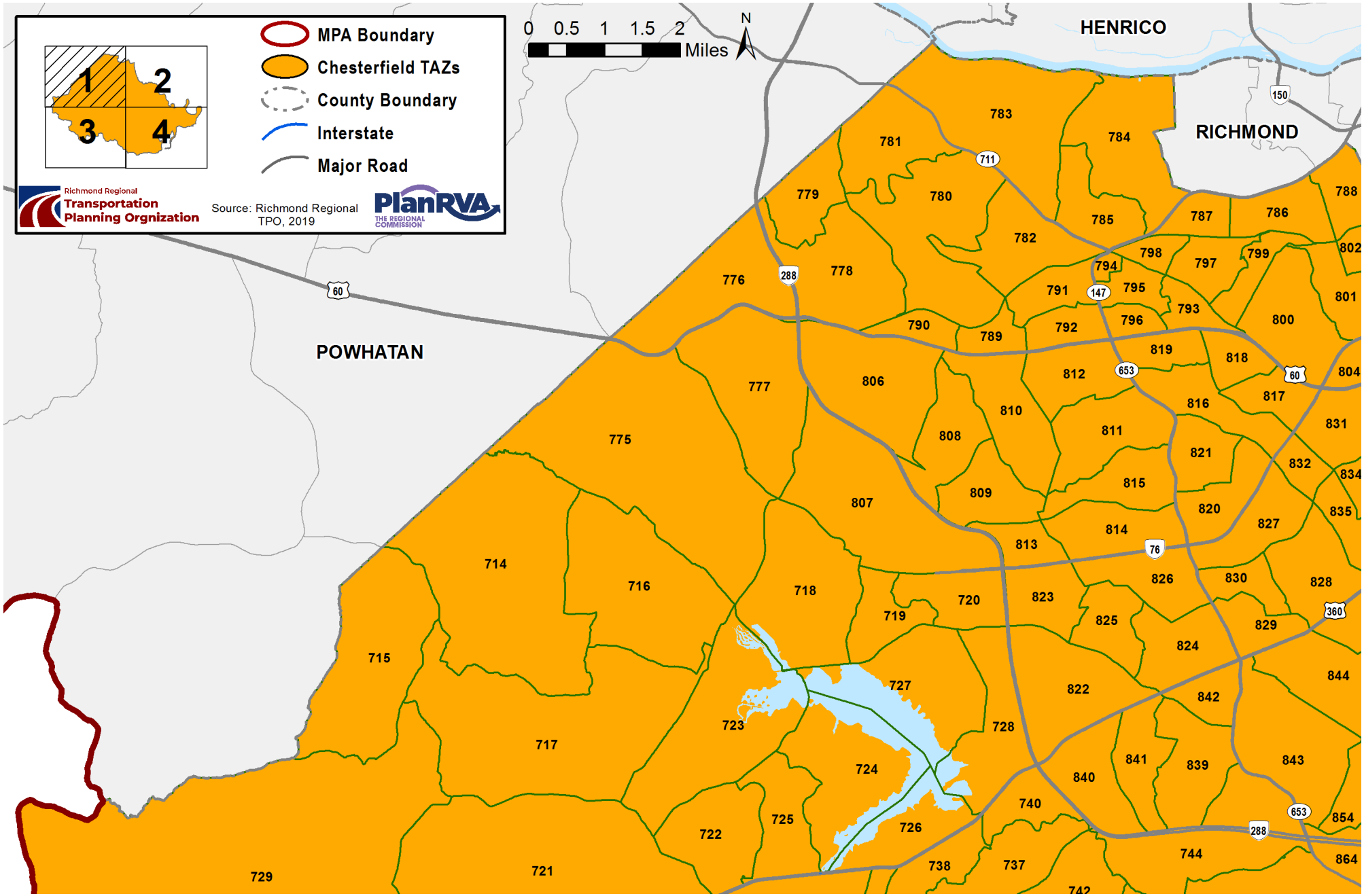
Charles City County Map



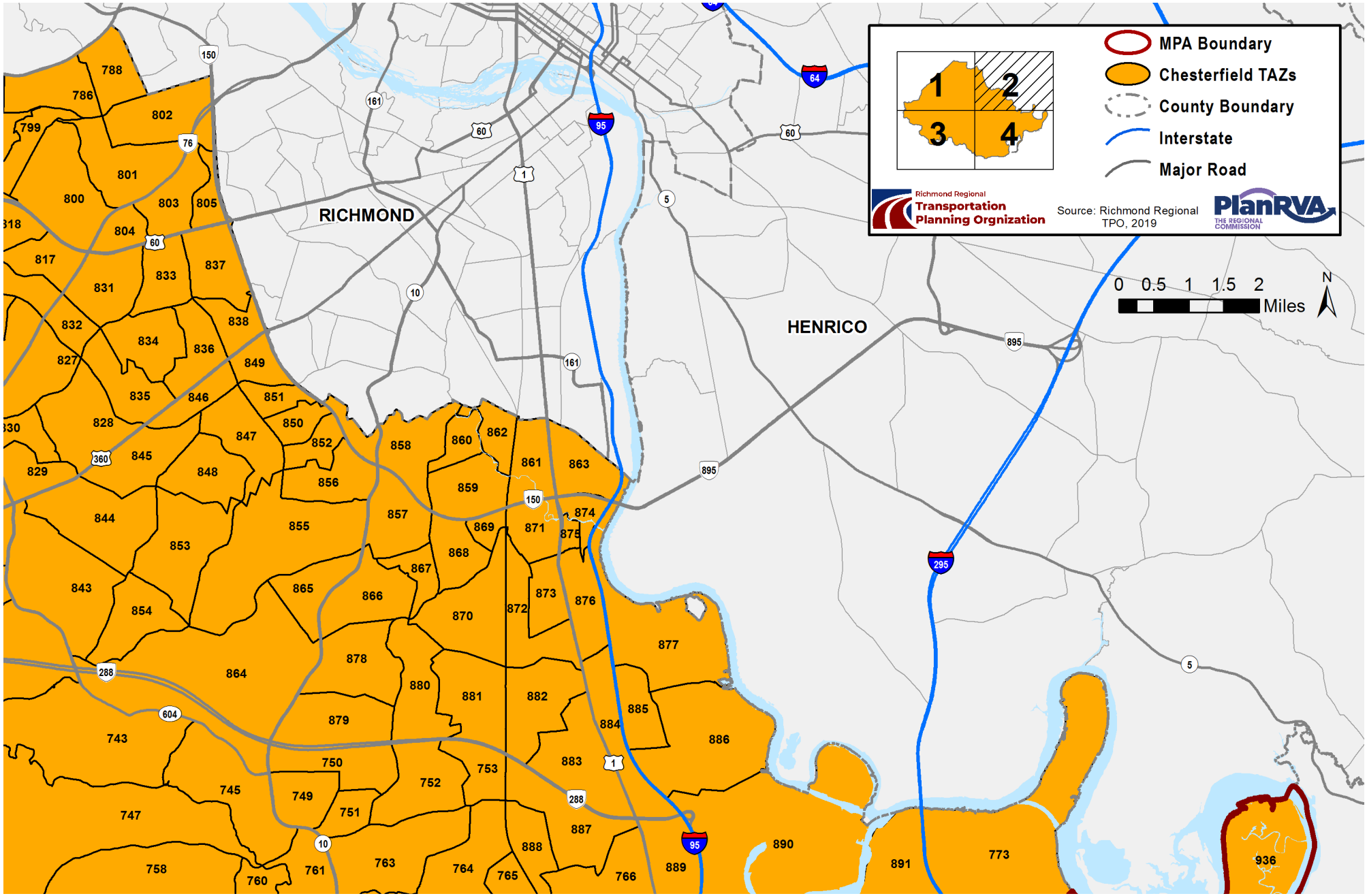
Charles City County

	Population						Housing						School Enrollment				Employment					
	Total		In Occupied Housing Units		In Group Quarters		Housing Units		Households		Automobiles		Grade K-12		Colleges		Total		Retail		Non-Retail	
TAZ	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045
465	766	918	766	918	0	0	358	429	309	370	977	1,170	0	0	0	0	144	156	7	8	137	148
466	1,109	1,329	1,109	1,329	0	0	517	620	447	536	1,525	1,829	0	0	0	0	47	47	5	5	42	42
467	694	832	694	832	0	0	324	388	280	336	802	962	650	617	0	0	144	156	7	8	137	148
468	424	508	424	508	0	0	198	237	171	205	619	742	0	0	0	0	22	34	1	2	21	32
469	169	203	169	203	0	0	79	95	68	82	182	219	0	0	0	0	324	337	32	34	292	303
470	322	386	322	386	0	0	151	181	130	156	354	425	0	0	0	0	33	33	0	0	33	33
471	501	600	501	600	0	0	234	280	202	242	604	724	0	0	0	0	25	25	1	1	24	24
472	481	576	481	576	0	0	225	269	194	232	501	599	0	0	0	0	48	48	5	5	43	43
473	275	330	275	330	0	0	128	154	111	133	290	347	0	0	0	0	0	0	0	0	0	0
474	580	695	580	695	0	0	271	325	234	280	780	933	0	0	0	0	11	21	0	1	11	20
475	419	502	419	502	0	0	196	235	169	202	527	630	0	0	0	0	13	13	2	2	11	11
476	122	146	122	146	0	0	57	68	49	59	111	134	0	0	0	0	59	59	2	2	57	57
477	481	576	481	576	0	0	224	268	194	232	619	740	0	0	0	0	4	4	0	0	4	4
478	689	826	689	826	0	0	322	386	278	333	697	835	0	0	0	0	14	14	0	0	14	14
479	94	113	94	113	0	0	44	53	38	46	84	102	0	0	0	0	21	21	1	1	20	20
Total	7,126	8,540	7,126	8,540	0	0	3,328	3,988	2,874	3,444	8,672	10,391	650	617	0	0	1,668	1,832	96	112	1,572	1,720

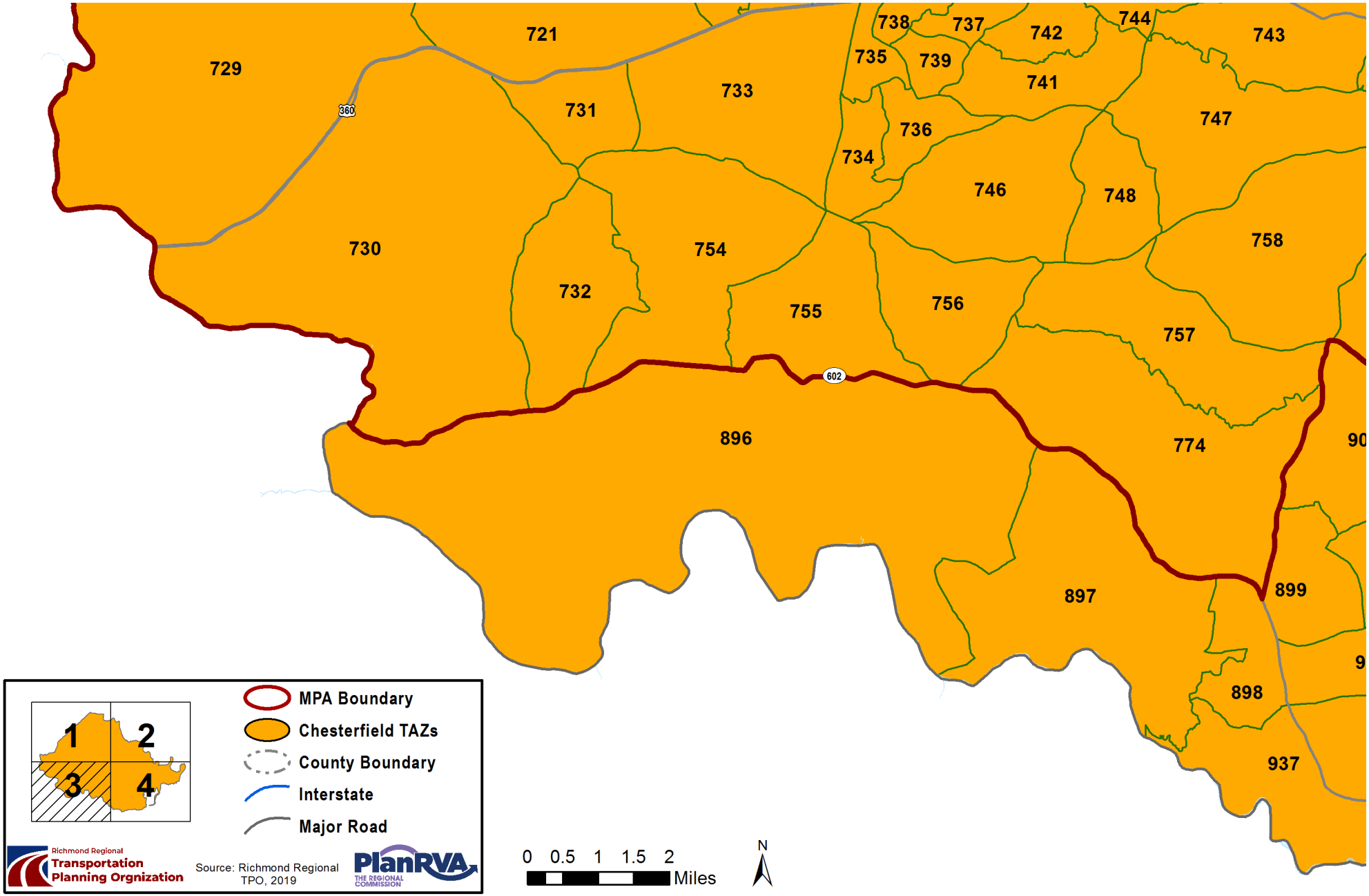
Chesterfield County Map 1



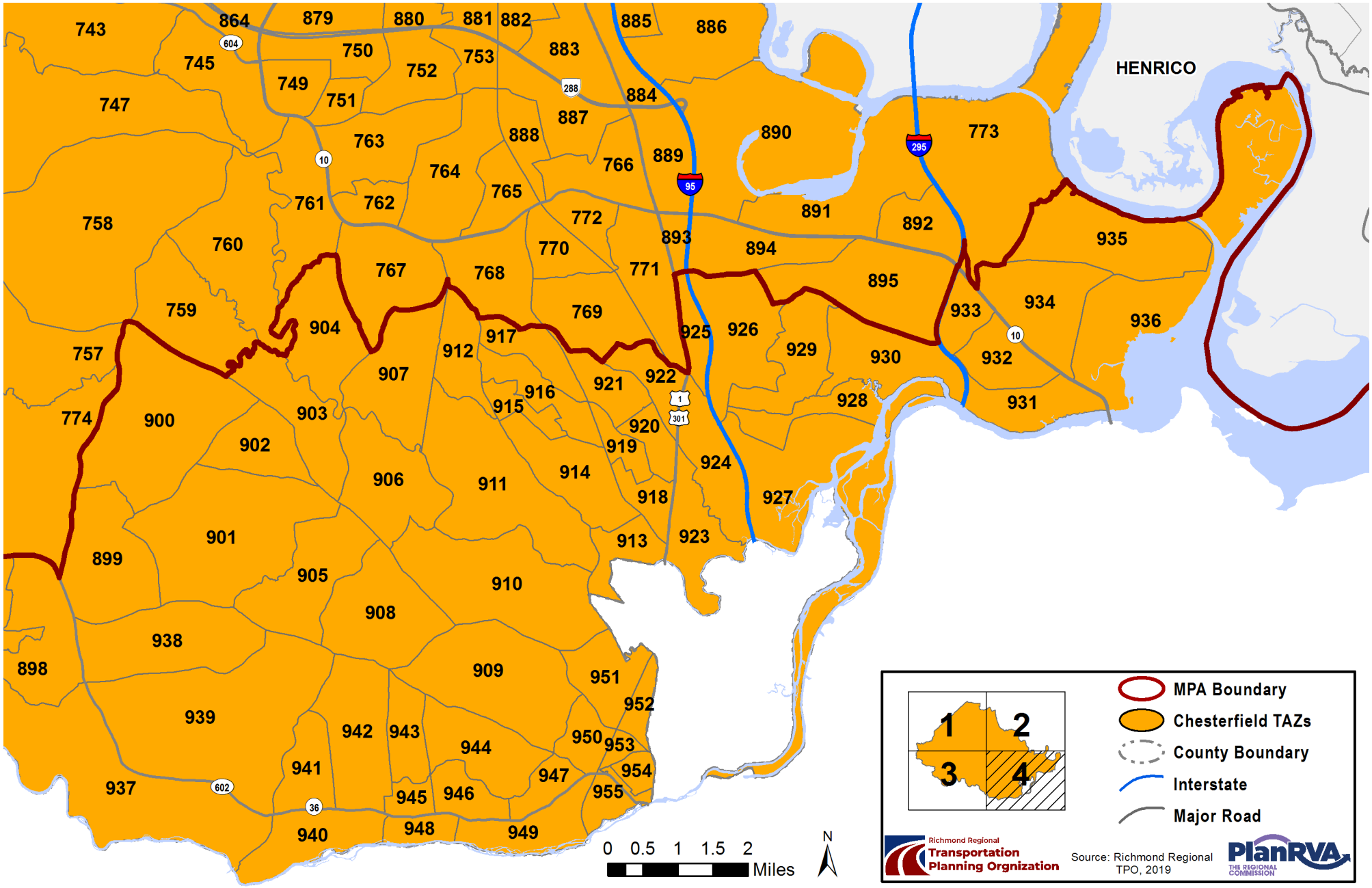
Chesterfield County Map 2



Chesterfield County Map 3



Chesterfield County Map 4



Chesterfield County

	Population						Housing						School Enrollment				Employment					
	Total		In Occupied Housing Units		In Group Quarters		Housing Units		Households		Automobiles		Grade K-12		Colleges		Total		Retail		Non-Retail	
TAZ	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045
714	249	817	249	817	0	0	102	335	96	315	295	968	0	0	0	0	*	4	*	1	*	3
715	111	131	111	131	0	0	45	53	42	50	124	148	0	0	0	0	7	7	0	0	7	7
716	274	323	274	323	0	0	108	127	101	119	305	359	0	0	0	0	7	7	0	0	7	7
717	2,083	3,859	2,083	3,859	0	0	626	1,160	588	1,089	1,627	3,013	0	0	0	0	55	55	0	0	55	55
718	3,647	5,860	3,647	5,860	0	0	1,365	2,193	1,283	2,062	2,895	4,653	0	0	0	0	104	520	15	15	89	505
719	2,619	2,645	2,605	2,631	14	14	1,058	1,069	994	1,004	2,103	2,124	872	1,041	0	0	292	292	0	0	292	292
720	1,457	1,718	1,457	1,718	0	0	644	759	605	713	1,072	1,263	76	167	573	0	1,415	1,562	247	247	1,168	1,315
721	2,654	9,142	2,654	9,142	0	0	904	3,114	849	2,924	1,948	6,709	0	900	0	0	149	4,024	49	2,236	100	1,788
722	2,147	4,925	2,147	4,925	0	0	643	1,475	604	1,386	1,836	4,213	0	0	0	0	62	147	1	82	61	65
723	2,647	5,581	2,647	5,581	0	0	830	1,750	780	1,645	2,063	4,351	0	0	0	0	52	52	1	1	51	51
724	4,968	5,018	4,968	5,018	0	0	1,891	1,910	1,777	1,795	4,267	4,310	1,544	1,844	0	0	833	834	89	89	744	745
725	2,885	3,449	2,885	3,449	0	0	1,034	1,236	972	1,162	2,389	2,856	222	487	0	0	358	406	101	101	257	305
726	1,255	1,268	1,255	1,268	0	0	580	586	545	551	1,178	1,191	0	0	0	0	1,230	1,292	726	726	504	566
727	3,873	3,915	3,873	3,915	0	0	1,648	1,666	1,549	1,566	3,410	3,447	0	0	0	0	344	344	49	49	295	295
728	2,253	2,657	2,253	2,657	0	0	905	1,067	850	1,002	1,935	2,281	5,055	6,037	0	0	1,988	2,393	574	747	1,414	1,646
729	646	762	646	762	0	0	230	271	216	255	716	845	0	0	0	0	56	56	27	27	29	29
730	341	402	341	402	0	0	127	150	119	140	366	431	795	949	0	0	208	208	0	0	208	208
731	146	172	146	172	0	0	54	64	51	60	180	212	0	0	0	0	139	139	91	91	48	48
732	222	262	222	262	0	0	77	91	72	85	207	244	0	0	0	0	*	5	*	0	*	5
733	6,920	13,723	6,916	13,719	4	4	2,258	4,479	2,122	4,209	5,597	11,102	1,047	1,250	0	0	1,237	1,522	968	1,074	269	448
734	1,780	2,330	1,780	2,330	0	0	623	816	585	766	1,684	2,205	0	0	0	0	*	399	*	25	*	374
735	942	1,157	942	1,157	0	0	437	537	411	505	868	1,067	0	0	0	0	432	432	391	391	41	41
736	2,643	3,301	2,643	3,301	0	0	1,023	1,278	961	1,200	2,358	2,944	881	1,052	0	0	145	145	1	1	144	144
737	2,297	3,737	2,297	3,737	0	0	823	1,339	773	1,258	1,926	3,134	625	746	0	0	*	140	*	0	*	140
738	1,754	1,771	1,749	1,766	5	5	662	668	622	628	1,490	1,504	0	0	0	0	903	948	468	508	435	440
739	2,513	2,667	2,513	2,667	0	0	869	922	817	867	2,172	2,305	0	0	0	0	23	23	0	0	23	23
740	1,912	2,455	1,912	2,455	0	0	1,063	1,365	999	1,283	1,280	1,644	0	0	0	0	2,291	2,322	1,700	1,700	591	622
741	1,278	1,507	1,278	1,507	0	0	498	587	468	552	1,422	1,677	0	0	0	0	55	55	0	0	55	55

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Chesterfield County

	Population						Housing						School Enrollment				Employment					
	Total		In Occupied Housing Units		In Group Quarters		Housing Units		Households		Automobiles		Grade K-12		Colleges		Total		Retail		Non-Retail	
TAZ	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045
742	2,015	2,810	2,015	2,810	0	0	671	936	631	880	1,569	2,188	3,462	4,135	0	0	485	485	0	0	485	485
743	475	496	117	138	358	358	56	66	53	63	134	159	200	439	0	0	397	1,252	0	0	397	1,252
744	280	330	280	330	0	0	123	145	116	137	342	404	0	0	0	0	618	618	93	93	525	525
745	475	559	471	555	4	4	221	260	208	245	544	641	0	0	0	0	603	1,067	443	702	160	365
746	2,684	3,165	2,684	3,165	0	0	970	1,144	912	1,075	2,948	3,475	0	0	0	0	65	65	2	2	63	63
747	283	334	283	334	0	0	115	136	108	127	353	415	0	0	0	0	*	53	*	0	*	53
748	694	818	694	818	0	0	305	359	287	338	812	956	0	0	0	0	35	35	6	6	29	29
749	1,057	1,065	379	387	678	678	274	280	257	262	302	308	0	0	0	0	4,338	4,398	103	111	4,235	4,287
750	482	568	482	568	0	0	189	223	178	210	463	546	4,073	4,864	0	0	730	1,016	11	184	719	832
751	1,959	2,139	1,959	2,139	0	0	835	912	785	857	1,570	1,714	0	0	0	0	60	60	24	24	36	36
752	3,464	3,499	3,459	3,494	5	5	1,274	1,287	1,197	1,209	3,085	3,116	0	0	0	0	21	21	1	1	20	20
753	1,028	1,212	1,028	1,212	0	0	404	476	380	448	1,017	1,199	0	0	0	0	7	8	0	0	7	8
754	768	906	768	906	0	0	295	348	277	327	896	1,058	0	0	0	0	39	39	0	0	39	39
755	1,563	1,843	1,563	1,843	0	0	586	691	551	650	1,771	2,089	0	0	0	0	68	68	3	3	65	65
756	1,329	1,580	1,329	1,580	0	0	446	530	419	498	1,328	1,578	0	0	0	0	31	31	0	0	31	31
757	822	969	822	969	0	0	320	377	301	355	939	1,107	0	0	0	0	14	14	4	4	10	10
758	1,940	2,544	1,940	2,544	0	0	767	1,006	721	945	2,272	2,978	0	0	0	0	111	111	1	1	110	110
759	1,327	1,635	1,327	1,635	0	0	463	570	435	536	1,333	1,643	0	0	0	0	58	58	14	14	44	44
760	1,576	2,200	1,576	2,200	0	0	535	747	503	702	1,530	2,135	0	0	0	0	43	43	26	26	17	17
761	50	59	50	59	0	0	22	26	21	25	65	77	0	0	0	0	1,226	1,337	466	469	760	868
762	1,687	1,970	1,687	1,970	0	0	796	930	748	873	1,228	1,433	0	0	0	0	386	387	21	21	365	366
763	2,622	4,245	2,611	4,234	11	11	987	1,601	927	1,503	2,333	3,783	0	0	0	0	834	865	549	556	285	309
764	1,814	2,909	1,814	2,909	0	0	773	1,240	726	1,164	1,813	2,907	796	951	0	0	190	190	0	0	190	190
765	2,194	3,321	2,194	3,321	0	0	1,139	1,724	1,070	1,620	1,540	2,332	0	0	0	0	406	435	169	184	237	251
766	1,627	1,749	1,627	1,749	0	0	687	739	646	694	1,566	1,682	3,055	3,648	0	0	1,123	1,165	646	655	477	510
767	947	1,294	939	1,286	8	8	502	688	472	646	811	1,110	253	302	0	0	1,148	1,183	640	662	508	521
768	1,004	1,270	1,004	1,270	0	0	412	521	387	490	1,156	1,464	0	0	0	0	163	182	50	50	113	132
769	3,378	3,983	3,378	3,983	0	0	1,173	1,383	1,102	1,299	3,097	3,651	618	738	0	0	*	126	*	2	*	124
770	1,550	1,637	1,550	1,637	0	0	725	766	681	719	1,448	1,529	0	0	0	0	906	906	782	782	124	124

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Chesterfield County

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TAZ	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045
771	1,613	2,151	1,613	2,151	0	0	641	855	602	803	1,420	1,894	0	0	0	0	1,086	1,097	984	984	102	113
772	1,079	1,272	1,079	1,272	0	0	458	540	430	507	1,011	1,192	0	0	0	0	118	123	28	28	90	95
773	1,014	2,303	1,014	2,303	0	0	397	902	373	847	1,125	2,555	0	0	0	0	4,901	9,689	13	13	4,888	9,676
774	913	1,074	898	1,059	15	15	356	420	335	395	899	1,060	0	0	0	0	135	135	64	64	71	71
775	2,036	3,811	2,036	3,811	0	0	810	1,516	761	1,424	1,865	3,490	0	0	0	0	81	871	2	463	79	408
776	176	1,528	176	1,528	0	0	65	564	61	530	108	938	0	0	0	0	1,271	1,400	838	846	433	554
777	101	1,161	101	1,161	0	0	44	506	41	471	102	1,172	0	0	0	573	230	2,318	7	295	223	2,023
778	3,652	4,118	3,652	4,118	0	0	1,422	1,603	1,336	1,506	3,049	3,437	0	0	0	0	1,589	1,724	57	57	1,532	1,667
779	1,242	1,602	1,242	1,602	0	0	396	511	372	480	1,060	1,368	0	0	0	0	114	114	70	70	44	44
780	3,263	3,296	3,263	3,296	0	0	1,356	1,370	1,274	1,287	3,046	3,077	0	0	0	0	1,210	1,210	647	647	563	563
781	1,903	1,963	1,903	1,963	0	0	642	662	603	622	1,687	1,740	0	0	0	0	89	89	0	0	89	89
782	2,341	2,396	2,341	2,396	0	0	856	876	804	823	2,212	2,264	0	0	0	0	626	628	1	1	625	627
783	3,224	4,527	3,224	4,527	0	0	1,050	1,474	987	1,386	2,735	3,841	2,747	3,281	0	0	403	403	4	4	399	399
784	2,029	2,066	2,029	2,066	0	0	782	796	735	748	2,041	2,077	0	0	0	0	126	126	9	9	117	117
785	1,377	1,492	1,377	1,492	0	0	738	800	693	751	1,060	1,149	1,980	2,365	0	0	1,313	1,315	561	563	752	752
786	1,350	1,364	1,350	1,364	0	0	581	587	546	552	1,270	1,284	713	923	0	0	495	496	157	157	338	339
787	1,031	1,041	1,031	1,041	0	0	457	461	429	433	928	937	490	1,075	0	0	139	139	31	31	108	108
788	1,352	1,370	1,349	1,367	3	3	565	573	531	538	1,240	1,256	0	0	0	0	445	445	116	116	329	329
789	1,191	1,209	1,191	1,209	0	0	601	610	565	574	893	907	0	0	0	0	517	518	388	388	129	130
790	296	1,238	296	1,238	0	0	163	682	153	640	270	1,129	0	0	0	0	523	555	298	321	225	234
791	1,903	1,951	1,898	1,946	5	5	835	856	785	805	1,659	1,701	0	0	0	0	286	288	4	4	282	284
792	612	618	612	618	0	0	265	268	249	251	531	535	0	0	0	0	1,231	1,242	636	636	595	606
793	276	279	276	279	0	0	141	143	132	133	266	268	0	0	0	0	3,095	4,916	578	1,156	2,517	3,760
794	112	113	112	113	0	0	79	80	74	75	171	173	0	0	5,555	5,555	560	703	243	368	317	335
795	1,094	1,320	1,094	1,320	0	0	579	699	544	656	726	875	0	0	0	0	969	992	548	553	421	439
796	67	68	67	68	0	0	57	58	54	55	34	35	0	0	0	0	2,618	4,137	2,054	2,918	564	1,219
797	2,565	2,591	2,565	2,591	0	0	968	978	910	919	2,177	2,199	582	695	0	0	146	146	2	2	144	144
798	1,425	1,439	1,425	1,439	0	0	693	700	651	657	1,069	1,079	0	0	0	0	188	189	80	80	108	109
799	2,256	2,279	2,256	2,279	0	0	1,105	1,116	1,038	1,049	1,616	1,633	0	0	0	0	155	157	22	22	133	135
800	2,562	3,605	2,324	3,367	238	238	962	1,394	904	1,310	1,816	2,632	0	0	0	0	1,864	1,869	999	999	865	870
801	2,184	2,206	1,984	2,006	200	200	851	860	800	809	1,915	1,937	0	0	0	0	32	32	4	4	28	28

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TAZ	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045
802	812	967	812	967	0	0	362	431	340	405	829	987	563	672	0	0	*	142	*	0	*	142
803	2,010	2,370	2,010	2,370	0	0	887	1,046	834	983	1,190	1,403	0	0	152	152	1,991	2,450	268	383	1,723	2,067
804	420	494	415	489	5	5	273	322	257	303	232	274	0	0	0	0	1,136	1,459	254	312	882	1,147
805	484	489	484	489	0	0	286	289	269	272	335	339	0	0	0	0	2,550	4,676	295	986	2,255	3,690
806	3,294	5,861	3,290	5,857	4	4	1,598	2,845	1,502	2,674	2,727	4,855	1,691	2,019	4,412	4,412	1,145	1,370	620	698	525	672
807	3,060	5,743	3,003	5,686	57	57	1,184	2,242	1,113	2,107	1,823	3,451	1,510	1,803	0	0	1,917	2,957	68	68	1,849	2,889
808	3,757	4,503	3,757	4,503	0	0	1,349	1,617	1,268	1,520	2,729	3,271	2,252	2,689	0	0	604	609	157	157	447	452
809	2,063	2,084	2,063	2,084	0	0	768	776	722	729	2,007	2,026	0	0	0	0	97	97	47	47	50	50
810	3,432	3,907	3,432	3,907	0	0	1,209	1,376	1,136	1,293	2,878	3,276	1,327	1,585	0	0	972	977	249	249	723	728
811	2,824	2,855	2,824	2,855	0	0	1,094	1,106	1,028	1,039	2,608	2,636	0	0	0	0	90	90	24	24	66	66
812	702	828	702	828	0	0	354	418	333	393	721	851	0	0	0	0	1,361	1,400	1,002	1,020	359	380
813	981	1,156	977	1,152	4	4	485	572	456	538	883	1,042	0	0	0	0	7	76	1	1	6	75
814	3,388	3,422	3,388	3,422	0	0	1,263	1,276	1,187	1,199	2,851	2,880	0	0	0	0	60	60	5	5	55	55
815	2,058	2,426	2,054	2,422	4	4	792	934	744	877	1,722	2,030	2,051	2,449	0	0	431	433	91	91	340	342
816	2,209	2,231	2,200	2,222	9	9	893	902	839	847	2,084	2,104	0	0	0	0	1,336	1,416	73	73	1,263	1,343
817	1,420	1,434	1,416	1,430	4	4	559	565	525	530	1,188	1,199	0	0	0	0	2,385	3,082	139	600	2,246	2,482
818	978	988	978	988	0	0	391	395	367	371	815	824	0	0	612	612	1,787	2,331	605	778	1,182	1,553
819	522	527	522	527	0	0	206	208	194	196	335	338	0	0	0	0	3,820	3,941	1,476	1,529	2,344	2,412
820	2,258	2,352	2,244	2,338	14	14	830	865	780	813	2,112	2,201	0	0	0	0	1,005	1,005	200	200	805	805
821	1,456	1,565	1,450	1,559	6	6	592	637	556	598	1,311	1,410	551	658	0	0	245	245	0	0	245	245
822	554	652	545	643	9	9	223	263	210	248	582	687	0	0	0	0	1,878	2,099	1,082	1,129	796	970
823	223	263	223	263	0	0	95	112	89	105	184	217	0	0	0	0	1,509	2,038	62	177	1,447	1,861
824	1,795	2,137	1,795	2,137	0	0	767	913	721	858	1,499	1,784	0	0	0	0	1,152	1,170	361	361	791	809
825	2399	2,472	2,399	2472	0	0	947	976	890	917	2188	2,254	0	0	0	0	58	58	9	9	49	49
826	1608	1,896	1,608	1896	0	0	642	757	603	711	1435	1,692	653	780	0	0	117	117	1	1	116	116
827	1599	2,090	1,595	2086	4	4	669	875	629	823	1585	2,074	0	0	0	0	53	53	0	0	53	53
828	1571	1,587	1,556	1572	15	15	658	665	618	624	1688	1,704	0	0	0	0	42	46	7	7	35	39
829	218	257	218	257	0	0	139	164	131	154	159	187	0	0	0	0	156	157	74	74	82	83
830	948	957	948	957	0	0	407	411	382	386	944	954	0	0	0	0	21	21	0	0	21	21

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Chesterfield County

	Population						Housing						School Enrollment				Employment					
	Total		In Occupied Housing Units		In Group Quarters		Housing Units		Households		Automobiles		Grade K-12		Colleges		Total		Retail		Non-Retail	
TAZ	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045
831	1799	1,825	1,799	1825	0	0	756	767	710	720	1678	1,702	0	0	0	0	1415	1,583	342	400	1073	1,183
832	975	985	975	985	0	0	404	408	380	384	849	858	0	0	0	0	*	3	*	0	*	3
833	1154	1,166	1,154	1166	0	0	548	554	515	520	1067	1,077	1552	1,853	0	0	1141	1,368	318	433	823	935
834	2387	2,487	2,387	2487	0	0	935	974	879	916	2228	2,322	0	0	0	0	29	29	5	5	24	24
835	1446	1,818	1,446	1818	0	0	561	705	527	663	1268	1,595	240	527	0	0	252	252	166	166	86	86
836	1241	1,769	1,228	1756	13	13	504	721	474	678	1232	1,762	0	0	0	0	676	907	217	332	459	575
837	1975	3,539	1,975	3539	0	0	773	1,385	726	1,301	639	1,145	0	0	0	0	1050	1,529	525	641	525	888
838	758	892	748	882	10	10	285	336	268	316	637	751	0	0	0	0	249	249	81	81	168	168
839	3173	3,208	3,170	3205	3	3	1226	1,240	1152	1,165	2736	2,767	0	0	0	0	29	31	0	0	29	31
840	2660	3,137	2,660	3137	0	0	1184	1,396	1113	1,313	1897	2,238	676	807	0	0	361	362	68	68	293	294
841	2137	2,213	2,130	2206	7	7	859	890	807	836	1922	1,991	0	0	0	0	179	182	123	123	56	59
842	1245	1,879	1,237	1871	8	8	548	829	515	779	626	947	0	0	0	0	1053	1,340	602	775	451	565
843	2343	2,790	2,340	2787	3	3	903	1,075	849	1,011	2332	2,777	0	0	0	0	348	371	221	221	127	150
844	3036	3,580	3,036	3580	0	0	1113	1,312	1046	1,233	2681	3,160	1630	1,947	0	0	726	738	36	36	690	702
845	995	1,169	972	1146	23	23	428	505	402	474	923	1,088	0	0	0	0	83	84	1	1	82	83
846	680	802	680	802	0	0	322	380	303	357	445	524	1410	1,684	1,233	1,233	748	1,189	120	408	628	781
847	2498	2,529	2,494	2525	4	4	890	901	836	846	2345	2,373	220	483	0	0	179	180	139	139	40	41
848	2172	2,998	2,172	2998	0	0	794	1,096	746	1,030	1992	2,750	0	0	0	0	25	25	0	0	25	25
849	750	758	750	758	0	0	319	322	300	303	811	819	0	0	0	0	206	334	53	168	153	166
850	3388	3,422	3,386	3420	2	2	1280	1,293	1203	1,215	2209	2,231	0	0	0	0	62	62	2	2	60	60
851	2296	2,358	2,296	2358	0	0	996	1,023	936	961	1784	1,832	0	0	0	0	27	27	2	2	25	25
852	1,067	1,078	1,062	1,073	5	5	418	422	393	397	973	983	0	0	0	0	43	43	22	22	21	21
853	2,631	3,102	2,626	3,097	5	5	1,005	1,185	944	1,113	2,481	2,925	0	0	0	0	51	51	7	7	44	44
854	1,270	1,501	1,270	1,501	0	0	416	492	391	462	1,103	1,303	0	0	0	0	29	36	0	0	29	36
855	4,827	5,833	4,804	5,810	23	23	1,761	2,130	1,655	2,002	4,723	5,713	0	0	0	0	169	169	13	13	156	156
856	1,081	1,501	1,076	1,496	5	5	569	791	535	744	830	1,154	881	1,052	0	0	307	735	0	58	307	677
857	1,761	2,105	1,761	2,105	0	0	795	950	747	893	1,622	1,939	2,414	2,883	0	0	427	432	38	38	389	394
858	2,097	2,471	2,090	2,464	7	7	799	942	751	885	1,754	2,067	2,063	2,464	0	0	1,025	1,031	301	301	724	730
859	2,351	2,374	2,345	2,368	6	6	928	937	872	881	2,152	2,174	0	0	0	0	*	58	*	0	*	58
860	836	844	829	837	7	7	345	348	324	327	928	937	0	0	0	0	28	28	0	0	28	28
861	2,386	2,814	2,386	2,814	0	0	854	1,007	803	947	1,464	1,727	0	0	0	0	487	491	108	108	379	383

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Chesterfield County

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TAZ	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045
862	1,047	1,057	1,047	1,057	0	0	396	400	372	376	907	917	0	0	0	0	278	295	4	4	274	291
863	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	1,913	*	0	*	1,913
864	1,329	2,356	1,329	2,356	0	0	455	807	428	759	1,183	2,098	62	136	0	0	1,695	2,181	159	159	1,536	2,022
865	2,378	3,899	2,371	3,892	7	7	821	1,348	771	1,266	1,880	3,087	0	0	0	0	429	434	167	172	262	262
866	2,122	2,497	2,095	2,470	27	27	759	895	713	841	1,999	2,358	0	0	0	0	306	460	115	201	191	259
867	1,246	1,336	1,246	1,336	0	0	392	420	368	395	1,139	1,223	0	0	0	0	24	24	10	10	14	14
868	1,905	1,933	1,898	1,926	7	7	694	704	652	662	1,988	2,018	733	875	0	0	1,151	1,153	262	262	889	891
869	2,287	2,310	2,287	2,310	0	0	879	888	826	834	1,204	1,216	0	0	0	0	*	21	*	0	*	21
870	1,843	3,131	1,839	3,127	4	4	764	1,299	718	1,221	1,821	3,097	0	0	0	0	103	104	56	56	47	48
871	1,679	1,759	1,659	1,739	20	20	649	680	610	639	1,398	1,464	734	877	0	0	305	311	17	21	288	290
872	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	3,259	*	0	*	3,259
873	1,389	2,229	1,389	2,229	0	0	645	1,035	606	972	932	1,495	0	0	0	0	207	208	39	39	168	169
874	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	114	211	32	32	82	179
875	1,067	1,103	1,067	1,103	0	0	502	519	472	488	551	570	0	0	0	0	51	51	25	25	26	26
876	1,369	1,614	1,369	1,614	0	0	544	641	511	602	1,180	1,390	0	0	0	0	184	217	122	124	62	93
877	59	70	59	70	0	0	30	36	28	33	62	73	0	0	0	0	580	3,536	25	25	555	3,511
878	1,825	2,606	1,825	2,606	0	0	663	947	623	890	1,814	2,591	0	0	0	0	457	470	15	15	442	455
879	1,783	2,102	1,783	2,102	0	0	699	824	657	775	1,522	1,795	0	0	0	0	47	49	0	0	47	49
880	2,226	3,060	2,226	3,060	0	0	816	1,122	767	1,054	2,191	3,011	0	0	0	0	52	52	10	10	42	42
881	1,969	2,340	1,965	2,336	4	4	751	893	706	839	1,974	2,346	0	0	0	0	391	392	22	22	369	370
882	815	966	815	966	0	0	361	428	339	402	781	926	0	0	0	0	57	70	10	10	47	60
883	2,430	3,135	2,430	3,135	0	0	930	1,200	874	1,128	1,759	2,270	545	651	0	0	230	249	107	107	123	142
884	723	853	723	853	0	0	297	350	279	329	643	758	0	0	0	0	567	788	287	403	280	385
885	461	544	461	544	0	0	198	234	186	219	400	471	0	0	0	0	842	893	55	55	787	838
886	16	19	16	19	0	0	8	10	8	10	15	19	0	0	0	0	3,183	6,947	65	65	3,118	6,882
887	2,813	2,897	2,809	2,893	4	4	1,061	1,093	997	1,027	2,678	2,759	0	0	0	0	516	517	214	214	302	303
888	1,356	1,370	1,356	1,370	0	0	509	514	478	483	1,340	1,354	0	0	0	0	116	116	43	43	73	73
889	735	1,778	735	1,778	0	0	311	752	292	706	664	1,605	0	0	0	0	500	1,582	396	767	104	815
890	711	1,528	711	1,528	0	0	332	713	312	671	398	856	0	0	0	0	1,412	4,427	136	136	1,276	4,291
891	3,176	4,549	3,176	4,549	0	0	1,257	1,800	1,181	1,692	2,484	3,559	16	35	0	0	534	547	92	92	442	455

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Chesterfield County

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TAZ	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045
892	756	859	756	859	0	0	307	349	288	327	672	763	0	0	0	0	4,223	4,235	462	462	3,761	3,773
893	6	7	6	7	0	0	4	5	4	5	9	11	0	0	3,735	3,735	960	960	534	534	426	426
894	209	246	209	246	0	0	72	85	68	80	194	228	0	0	0	0	1,850	1,941	240	240	1,610	1,701
895	3,128	4,021	3,128	4,021	0	0	1,070	1,375	1,005	1,292	2,978	3,828	2,305	2,753	0	0	914	929	240	240	674	689
896	747	1,034	747	1,034	0	0	261	361	245	339	805	1,114	0	0	0	0	65	65	8	8	57	57
897	1,591	2,599	1,591	2,599	0	0	538	879	506	827	1,608	2,628	0	0	0	0	129	129	14	14	115	115
898	513	605	513	605	0	0	211	249	198	234	613	724	0	0	0	0	*	1	*	0	*	1
899	252	521	252	521	0	0	105	217	99	205	255	528	0	0	0	0	*	5	*	0	*	5
900	95	1,356	95	1,356	0	0	42	599	39	557	105	1,500	0	0	0	0	18	18	0	0	18	18
901	254	300	254	300	0	0	109	129	102	120	285	335	0	0	0	0	27	27	1	1	26	26
902	168	198	168	198	0	0	70	83	66	78	191	226	0	0	0	0	0	0	0	0	0	0
903	436	679	436	679	0	0	168	262	158	246	469	730	0	0	0	0	19	19	0	0	19	19
904	741	874	741	874	0	0	274	323	257	303	870	1,026	0	0	0	0	6	7	1	1	5	6
905	259	305	256	302	3	3	106	125	100	118	307	362	0	0	0	0	*	6	*	0	*	6
906	192	253	192	253	0	0	90	119	85	112	184	242	0	0	0	0	*	5	*	0	*	5
907	729	924	729	924	0	0	303	384	285	361	881	1,116	0	0	0	0	36	36	0	0	36	36
908	173	204	173	204	0	0	73	86	69	81	191	224	0	0	0	0	*	2	*	0	*	2
909	331	1,776	331	1,776	0	0	129	692	121	649	276	1,480	0	0	0	0	0	0	0	0	0	0
910	618	752	618	752	0	0	254	309	239	291	675	822	1,707	2,039	0	0	*	267	*	13	*	254
911	79	251	79	251	0	0	35	111	33	105	119	379	0	0	0	0	*	2	*	0	*	2
912	46	54	46	54	0	0	19	22	18	21	60	70	0	0	0	0	0	0	0	0	0	0
913	415	489	415	489	0	0	169	199	159	187	233	274	0	0	0	0	*	12	*	1	*	11
914	1,810	2,139	1,806	2,135	4	4	699	826	657	777	1,561	1,846	1,053	1,258	0	0	178	178	0	0	178	178
915	830	985	830	985	0	0	305	362	287	341	897	1,066	0	0	0	0	5	5	0	0	5	5
916	1,726	2,145	1,726	2,145	0	0	600	746	564	701	1,704	2,118	0	0	0	0	75	75	3	3	72	72
917	1,644	1,993	1,644	1,993	0	0	610	739	573	695	1,639	1,988	0	0	0	0	*	6	*	0	*	6
918	971	1,145	971	1,145	0	0	379	447	356	420	819	966	206	452	0	0	19	19	3	3	16	16
919	1,356	1,612	1,356	1,612	0	0	459	546	431	512	838	995	597	713	0	0	*	109	*	0	*	109
920	795	1,004	790	999	5	5	299	378	281	355	678	857	0	0	0	0	27	27	7	7	20	20
921	1,493	1,508	1,493	1,508	0	0	554	560	521	526	1,456	1,470	0	0	0	0	33	33	0	0	33	33

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Chesterfield County

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TAZ	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045
922	1,402	2,560	1,402	2,560	0	0	531	970	499	911	783	1,429	0	0	0	0	122	124	78	78	44	46
923	480	566	480	566	0	0	224	264	210	248	355	419	0	0	0	0	774	834	98	98	676	736
924	10	151	10	151	0	0	6	91	6	91	16	243	0	0	0	0	559	729	70	70	489	659
925	1,485	1,751	1,485	1,751	0	0	533	628	501	591	1,181	1,393	0	0	0	0	323	345	0	0	323	345
926	868	1,024	868	1,024	0	0	301	355	283	334	825	974	560	669	0	0	*	404	*	3	*	401
927	4	5	4	5	0	0	2	3	2	3	7	11	0	0	0	0	3,191	3,782	141	141	3,050	3,641
928	23	27	23	27	0	0	8	9	8	9	29	33	0	0	0	0	695	948	217	225	478	723
929	1,618	1,908	1,618	1,908	0	0	562	663	528	623	1,566	1,848	0	0	0	0	44	44	1	1	43	43
930	1,002	1,226	1,002	1,226	0	0	339	415	319	390	940	1,149	0	0	0	0	9	10	0	0	9	10
931	332	391	332	391	0	0	138	163	130	153	316	372	0	0	0	0	11	11	0	0	11	11
932	1,571	1,852	1,571	1,852	0	0	675	796	634	747	1,436	1,692	516	616	0	0	137	137	24	24	113	113
933	2,206	2,744	2,206	2,744	0	0	949	1,180	892	1,110	1,457	1,813	0	0	0	0	*	152	*	0	*	152
934	219	558	219	558	0	0	88	224	83	211	233	592	0	0	0	0	94	493	36	36	58	457
935	69	81	69	81	0	0	28	33	26	31	78	93	0	0	0	0	919	4,430	5	5	914	4,425
936	22	26	22	26	0	0	10	12	9	11	16	20	0	0	0	0	13	1,615	0	0	13	1,615
937	812	1,689	812	1,689	0	0	302	628	284	591	880	1,831	0	0	0	0	56	56	0	0	56	56
938	510	796	510	796	0	0	195	304	183	286	532	831	0	0	0	0	4	4	1	1	3	3
939	959	1,131	959	1,131	0	0	375	442	352	415	961	1,133	0	0	0	0	*	4	*	0	*	4
940	153	180	153	180	0	0	69	81	65	76	175	205	0	0	0	0	0	0	0	0	0	0
941	389	459	389	459	0	0	157	185	148	175	423	500	0	0	0	0	0	0	0	0	0	0
942	259	305	259	305	0	0	116	137	109	128	268	315	0	0	0	0	*	6	*	0	*	6
943	326	384	326	384	0	0	123	145	116	137	307	363	970	1,159	0	0	*	188	*	0	*	188
944	729	859	723	853	6	6	277	327	260	307	595	703	0	0	0	0	*	6	*	0	*	6
945	329	388	329	388	0	0	134	158	126	149	280	331	0	0	0	0	16	18	0	0	16	18
946	923	1,233	923	1,233	0	0	359	480	337	450	814	1,087	0	0	0	0	*	2	*	0	*	2
947	703	916	703	916	0	0	276	360	259	337	601	782	0	0	0	0	*	48	*	0	*	48
948	327	386	327	386	0	0	144	170	135	159	261	307	421	503	0	0	114	114	13	13	101	101
949	803	947	803	947	0	0	356	420	335	395	615	725	0	0	0	0	6	6	0	0	6	6
950	824	883	332	391	492	492	141	166	132	155	321	377	0	0	0	0	161	161	135	135	26	26
951	1,920	2,272	1,920	2,272	0	0	785	929	738	873	1,701	2,012	0	0	0	0	10	10	0	0	10	10

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Chesterfield County

	Population						Housing						School Enrollment				Employment					
	Total		In Occupied Housing Units		In Group Quarters		Housing Units		Households		Automobiles		Grade K-12		Colleges		Total		Retail		Non-Retail	
TAZ	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045
952	275	341	275	341	0	0	120	149	113	140	194	240	0	0	0	0	*	1	*	0	*	1
953	597	603	594	600	3	3	246	248	231	233	333	336	0	0	0	0	*	12	*	11	*	1
954	2,358	2,360	211	213	2,147	2,147	99	100	93	94	12	12	0	0	4,713	6,000	*	863	*	0	*	863
955	912	1,057	808	953	104	104	334	394	314	370	393	463	584	697	0	0	476	479	96	96	380	383
Total	340,848	437,512	336,197	432,861	4,651	4,651	132,586	169,660	124,595	159,420	293,337	375,168	62,779	77,677	20,985	22,272	131,120	177,742	34,646	43,522	96,474	134,220

* - Employment was redacted due to Virginia Employment Commission (VEC) confidentiality agreement, where an employer made up at least 80% of employment OR there was 3 employers or less.

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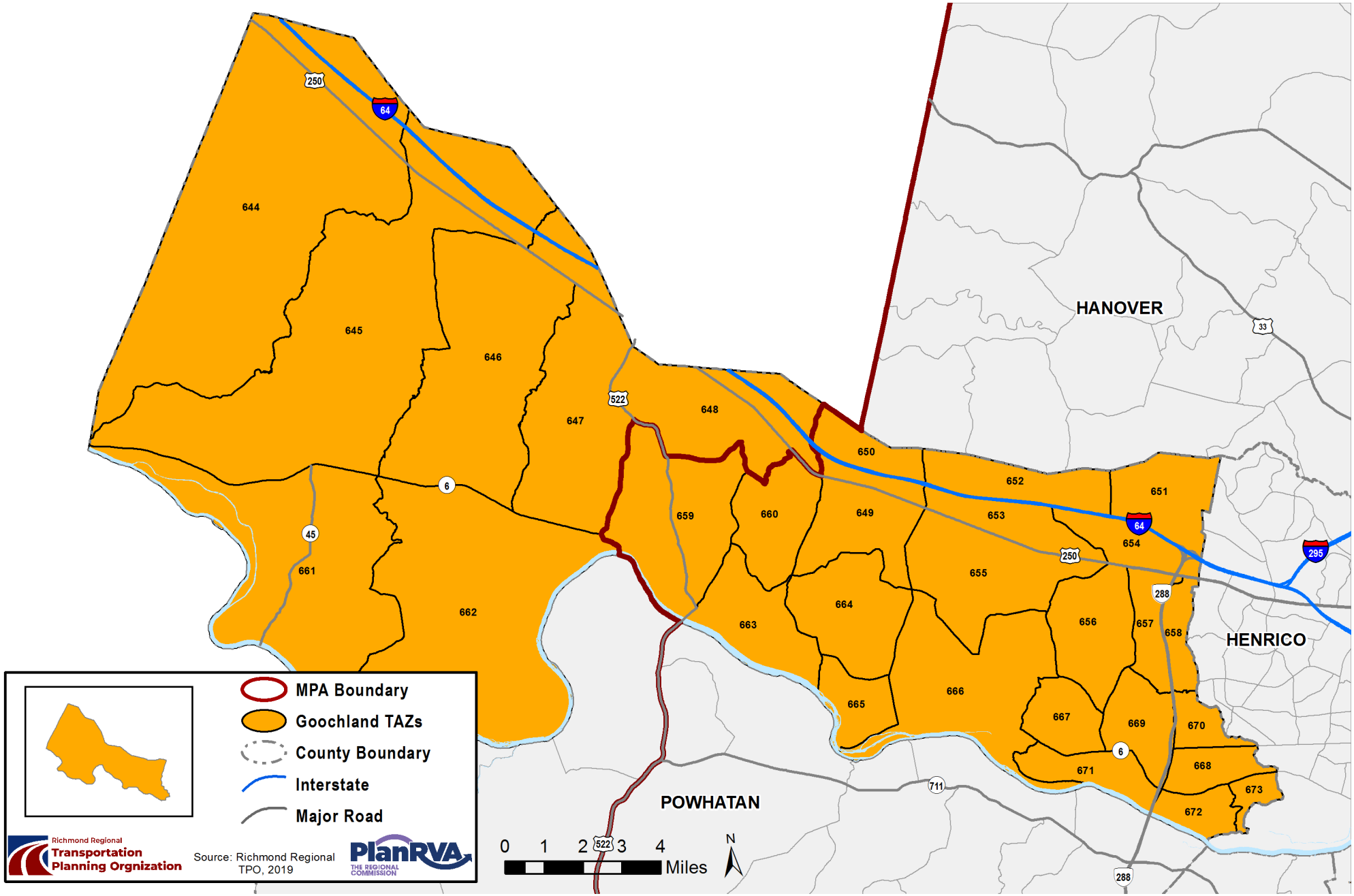
Goochland County Map

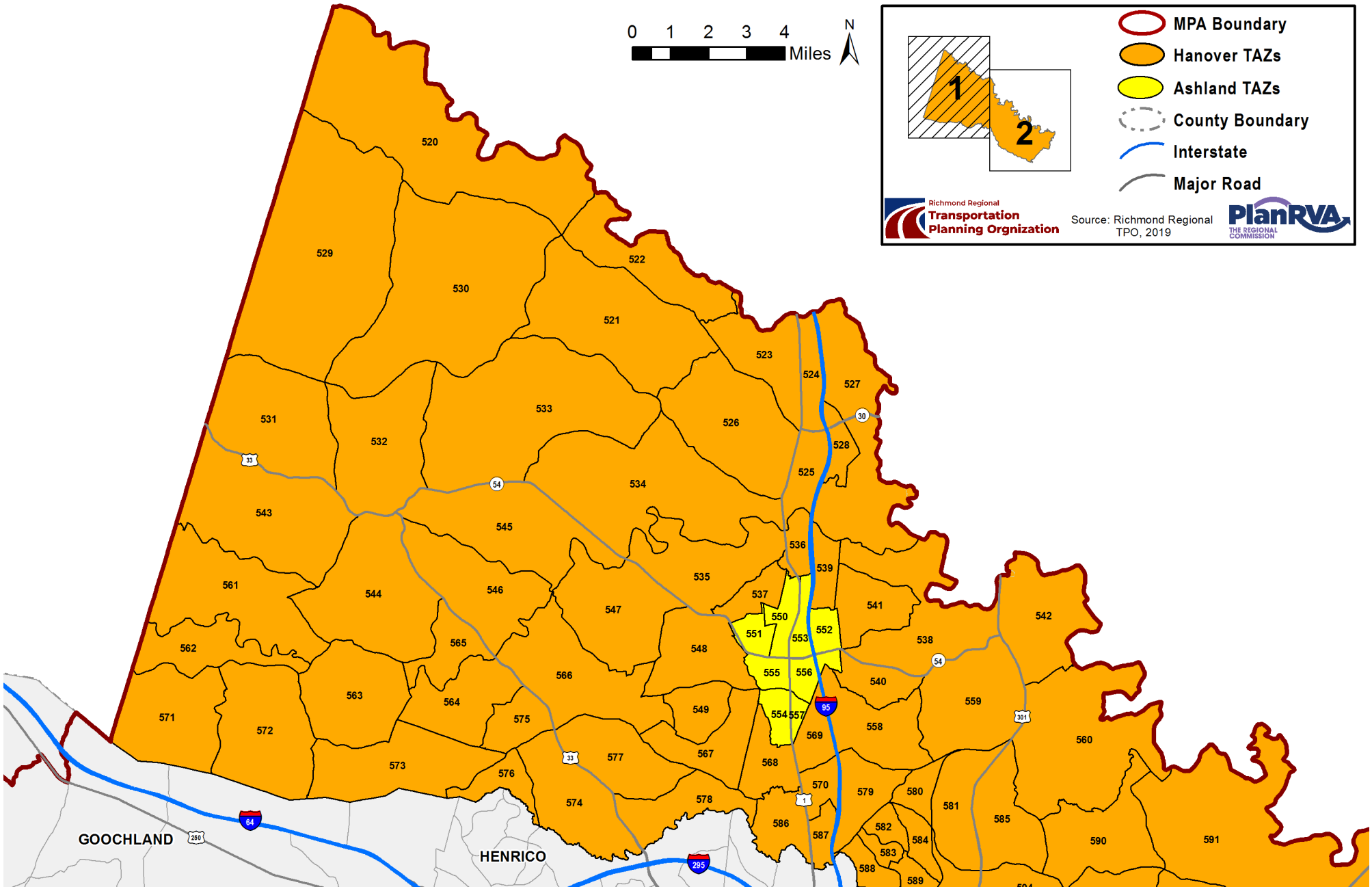


Goochland County

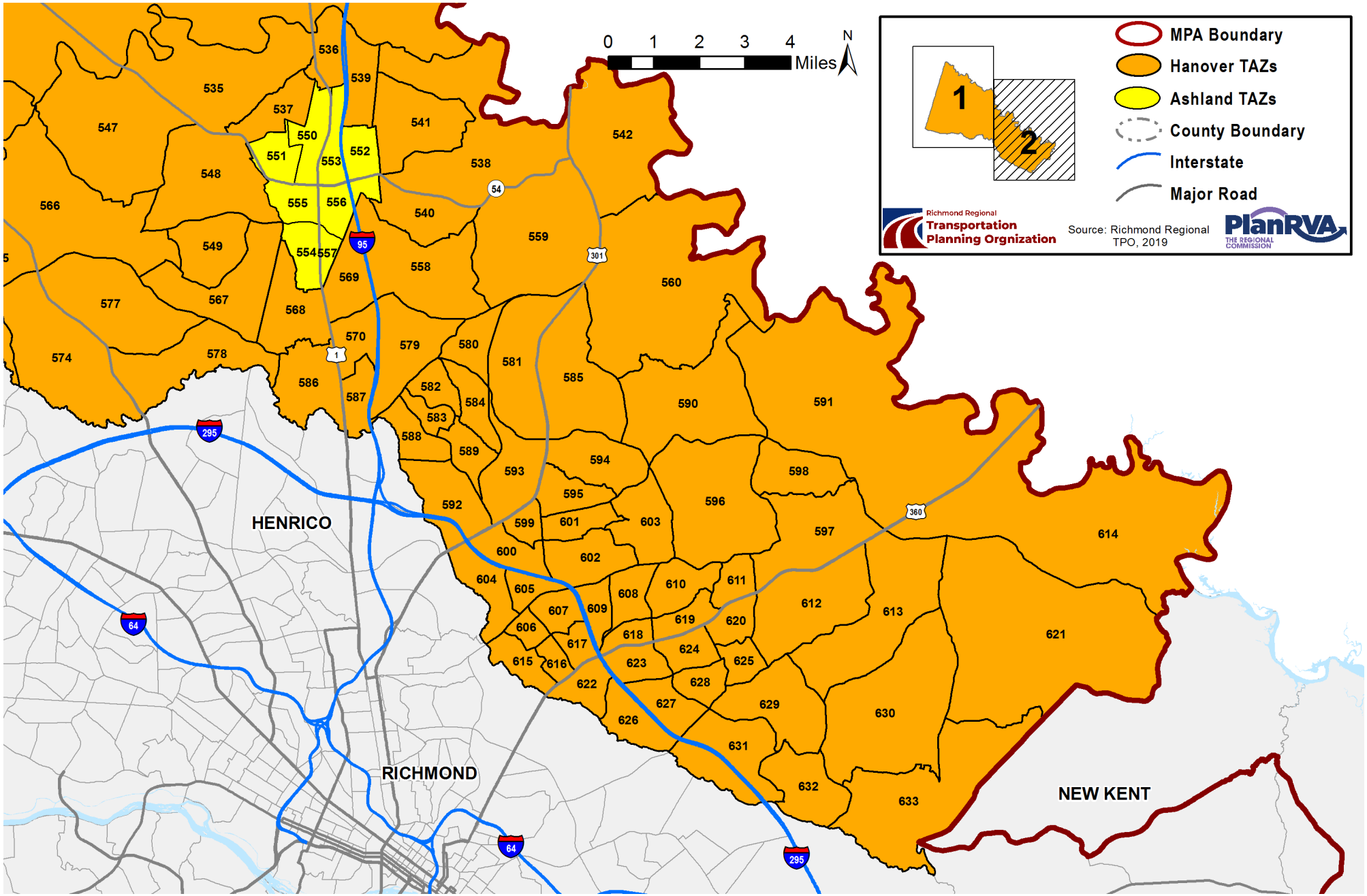
	Population						Housing						School Enrollment				Employment					
	Total		In Occupied Housing Units		In Group Quarters		Housing Units		Households		Automobiles		Grade K-12		Colleges		Total		Retail		Non-Retail	
TAZ	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045
644	2,068	2,181	2,068	2,181	0	0	877	925	814	858	1,854	1,954	0	0	0	0	20	29	0	0	20	29
645	1,885	2,024	1,885	2,024	0	0	799	858	742	797	1,936	2,080	346	460	0	0	132	189	2	3	130	186
646	1,420	1,676	1,420	1,676	0	0	602	711	559	660	1,354	1,599	0	0	0	0	171	244	20	28	151	216
647	1,451	1,637	1,397	1,583	54	54	593	672	550	623	1,309	1,483	0	0	0	0	270	387	2	3	268	384
648	1,303	1,529	1,303	1,529	0	0	553	649	513	602	1,415	1,660	0	0	0	0	55	79	19	27	36	52
649	615	743	615	743	0	0	261	315	242	292	690	833	514	716	0	0	91	130	34	48	57	82
650	119	126	119	126	0	0	51	54	47	50	98	104	0	0	0	0	168	241	21	30	147	211
651	414	587	414	587	0	0	176	250	163	231	310	439	0	0	0	0	1,597	2,288	74	105	1,523	2,183
652	508	653	508	653	0	0	216	278	200	257	659	847	0	0	0	0	41	59	0	0	41	59
653	724	764	724	764	0	0	307	324	285	301	868	917	0	0	0	0	354	507	52	74	302	433
654	213	225	213	225	0	0	91	96	84	89	239	253	0	0	0	0	521	823	294	463	227	360
655	699	818	699	818	0	0	296	346	275	322	875	1,025	0	0	0	0	109	156	0	0	109	156
656	1,737	2,274	1,737	2,274	0	0	737	965	684	895	1,700	2,224	0	0	0	0	460	659	19	27	441	632
657	175	899	175	899	0	0	74	380	69	354	158	811	0	0	0	0	5,655	8,104	230	326	5,425	7,778
658	599	4,685	599	4,685	0	0	254	1,987	236	1,846	544	4,255	0	0	0	0	12	440	0	0	12	440
659	2,230	2,663	1,641	2,074	589	589	696	880	646	816	1,637	2,068	1,802	2,394	531	531	1,410	2,017	320	454	1,090	1,563
660	643	1,161	643	1,161	0	0	273	493	253	457	793	1,432	0	0	0	0	65	93	22	31	43	62
661	687	724	676	713	11	11	287	303	266	281	663	700	35	81	0	0	*	124	*	18	*	106
662	704	743	704	743	0	0	298	315	277	292	773	815	0	0	0	0	55	79	0	0	55	79
663	279	294	279	294	0	0	119	125	110	116	321	339	0	0	0	0	724	1,038	0	0	724	1,038
664	724	764	724	764	0	0	307	324	285	301	754	796	96	224	0	0	127	182	0	0	127	182
665	109	115	109	115	0	0	46	49	43	45	117	122	0	0	0	0	*	4	*	3	*	1
666	843	940	843	940	0	0	358	399	332	370	971	1,082	0	0	0	0	535	766	57	81	478	685
667	1,201	1,277	1,201	1,277	0	0	510	542	473	503	1,213	1,290	0	0	0	0	145	208	63	90	82	118
668	549	579	549	579	0	0	233	246	216	228	614	648	85	198	0	0	85	121	60	85	25	36
669	307	364	257	314	50	50	109	133	101	123	263	320	47	109	0	0	355	509	0	0	355	509
670	59	1,954	53	1,948	6	6	23	845	21	772	61	2,242	0	0	0	0	496	711	56	80	440	631
671	191	201	191	201	0	0	81	85	75	79	202	213	0	0	0	0	*	267	*	0	*	267
672	420	442	406	428	14	14	172	181	160	169	426	450	0	0	0	0	12	17	0	0	12	17
673	660	696	660	696	0	0	280	295	260	274	668	704	0	0	0	0	25	36	0	0	25	36
Total	23,536	33,738	22,812	33,014	724	724	9,679	14,025	8,981	13,003	23,485	33,705	2,925	4,182	531	531	13,966	20,507	1,360	1,976	12,606	18,531

* - Employment was redacted due to Virginia Employment Commission (VEC) confidentiality agreement, where an employer made up at least 80% of employment OR there was 3 employers or less.

Hanover County Map 1



Hanover County Map 2



Hanover County

	Population						Housing						School Enrollment				Employment					
	Total		In Occupied Housing Units		In Group Quarters		Housing Units		Households		Automobiles		Grade K-12		Colleges		Total		Retail		Non-Retail	
TAZ	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045
520	766	858	766	858	0	0	287	327	277	316	749	854	0	0	0	0	52	58	7	13	45	45
521	544	585	544	585	0	0	207	223	200	215	542	583	0	0	0	0	34	43	0	0	34	43
522	199	244	199	244	0	0	73	93	70	90	147	189	0	0	0	0	*	13	*	0	*	13
523	199	305	199	305	0	0	100	116	97	112	219	253	0	0	0	0	63	73	12	12	51	61
524	82	110	82	110	0	0	38	42	37	41	92	102	0	0	0	0	395	489	0	29	395	460
525	200	236	200	236	0	0	82	90	79	87	126	139	0	0	0	0	*	70	*	5	*	65
526	490	567	490	567	0	0	200	216	193	209	565	612	0	0	0	0	65	89	27	41	38	48
527	168	253	96	181	72	72	65	69	63	67	134	143	0	0	0	0	*	406	*	76	*	330
528	3	13	3	13	0	0	1	5	1	5	0	0	0	0	0	0	*	2,313	*	324	*	1,989
529	1,106	1,252	1,106	1,252	0	0	433	477	418	460	1,178	1,296	0	0	0	0	25	25	2	2	23	23
530	934	1,134	934	1,134	0	0	384	432	371	417	905	1,017	316	339	0	0	119	132	8	8	111	124
531	687	777	687	777	0	0	268	296	259	286	647	714	0	0	0	0	52	57	36	36	16	21
532	873	984	873	984	0	0	347	375	335	362	968	1,046	0	0	0	0	164	164	61	61	103	103
533	1,083	1,150	1,083	1,150	0	0	398	438	384	423	1,136	1,251	0	0	0	0	82	95	54	54	28	41
534	891	1,173	891	1,173	0	0	355	447	343	431	931	1,170	0	0	0	0	113	113	3	3	110	110
535	894	1,082	894	1,082	0	0	370	412	357	398	1,023	1,140	0	0	0	0	77	135	0	2	77	133
536	81	116	81	116	0	0	40	44	39	43	69	76	0	0	0	0	258	515	172	343	86	172
537	329	520	329	520	0	0	128	198	124	191	296	456	0	0	0	0	13	13	0	0	13	13
538	392	559	392	559	0	0	163	213	157	206	345	453	0	0	0	0	5	37	0	27	5	10
539	97	123	97	123	0	0	35	47	34	45	77	102	0	0	0	0	*	10	*	10	*	0
540	478	648	478	648	0	0	177	247	171	238	534	743	0	0	0	0	*	99	*	1	*	98
541	740	1,168	740	1,168	0	0	294	445	284	429	699	1,056	0	0	0	0	*	1	*	0	*	1
542	639	651	214	226	425	425	70	86	68	83	138	168	0	0	0	0	1,343	1,687	3	29	1,340	1,658
543	826	942	826	942	0	0	315	359	304	346	825	939	0	0	0	0	130	130	0	0	130	130
544	1,439	1,583	1,439	1,583	0	0	503	603	485	582	1,312	1,574	566	607	0	0	296	310	140	140	156	170
545	980	1,047	980	1,047	0	0	367	399	354	385	993	1,080	0	0	0	0	*	411	*	4	*	407
546	769	911	769	911	0	0	299	347	288	335	680	791	0	0	0	0	71	71	22	22	49	49
547	694	819	694	819	0	0	292	312	282	301	701	748	2,422	2598	0	0	242	466	0	2	242	464
548	406	648	406	648	0	0	175	247	169	238	483	680	0	0	0	0	19	19	7	7	12	12

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Hanover County

	Population						Housing						School Enrollment				Employment					
	Total		In Occupied Housing Units		In Group Quarters		Housing Units		Households		Automobiles		Grade K-12		Colleges		Total		Retail		Non-Retail	
TAZ	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045
549	591	1,328	591	1,328	0	0	236	506	228	488	622	1,331	0	0	0	0	9	23	1	4	8	19
550	1,627	2,005	352	730	1,275	1,275	258	278	249	268	440	474	327	351	1,418	1,418	1,354	3,424	147	1,162	1,207	2,262
551	1,459	2,237	1,269	2,047	190	190	587	780	566	753	1,016	1,352	0	0	0	0	575	643	167	201	408	442
552	110	176	110	176	0	0	55	67	53	65	156	191	70	75	0	0	206	265	0	12	206	253
553	1,330	1,732	1,330	1,732	0	0	656	660	633	637	641	645	0	0	0	0	1,786	2,306	632	952	1,154	1,354
554	171	326	171	326	0	0	74	124	71	120	137	232	0	0	0	0	1,124	1,564	441	641	683	923
555	2,378	3,000	2,378	3,000	0	0	1,111	1,143	1,072	1,103	1,969	2,026	316	339	0	0	674	1,417	401	749	273	668
556	705	1,118	705	1,118	0	0	281	426	271	411	590	895	0	0	0	0	1,466	1,795	1,076	1,376	390	419
557	5	5	5	5	0	0	2	2	2	2	5	5	0	0	0	0	1,451	1,504	201	213	1,250	1,291
558	766	906	766	906	0	0	295	345	285	333	778	909	0	0	0	0	70	80	12	22	58	58
559	860	998	860	998	0	0	344	380	332	367	718	794	0	0	0	0	50	62	19	29	31	33
560	852	1,011	852	1,011	0	0	335	385	323	372	852	981	0	0	0	0	95	102	4	11	91	91
561	469	530	469	530	0	0	178	202	172	195	479	543	0	0	0	0	44	47	0	0	44	47
562	245	331	245	331	0	0	102	126	98	122	135	168	0	0	0	0	31	31	0	0	31	31
563	695	971	611	887	84	84	278	338	268	326	709	862	0	0	0	0	67	72	19	24	48	48
564	410	496	410	496	0	0	149	189	144	182	308	389	0	0	0	0	14	33	0	0	14	33
565	305	383	305	383	0	0	114	146	110	141	257	329	0	0	0	0	22	24	0	2	22	22
566	650	819	650	819	0	0	262	312	253	301	748	890	0	0	0	0	304	304	7	7	297	297
567	657	1,399	657	1,399	0	0	263	533	254	514	631	1,277	382	410	0	0	116	124	0	2	116	122
568	1,171	2,037	1,171	2,037	0	0	475	776	458	749	999	1,634	0	0	0	0	424	481	136	156	288	325
569	137	144	137	144	0	0	51	55	49	53	107	116	0	0	0	0	2,005	2,632	542	742	1,463	1,890
570	138	428	138	428	0	0	58	163	56	157	148	415	0	0	0	0	448	984	205	493	243	491
571	823	882	823	882	0	0	304	336	293	324	747	826	0	0	0	0	15	19	1	2	14	17
572	657	759	657	759	0	0	237	289	229	279	654	797	0	0	0	0	95	100	0	5	95	95
573	711	916	711	916	0	0	293	349	283	337	679	809	0	0	0	0	89	194	12	12	77	182
574	577	3,202	577	3,202	0	0	230	1,220	222	1,177	602	3,192	0	0	0	0	264	1,034	48	268	216	766
575	59	79	59	79	0	0	26	30	25	29	99	115	0	0	0	0	*	3	*	0	*	3
576	74	2,753	74	2,753	0	0	39	1,049	38	1,012	88	2,344	0	0	0	0	137	144	0	7	137	137
577	750	4,446	750	4,446	0	0	314	1,694	303	1,635	717	3,869	0	0	0	0	35	780	2	192	33	588

* - Employment was redacted due to Virginia Employment Commission (VEC) confidentiality agreement, where an employer made up at least 80% of employment OR there was 3 employers or less.

Town of Ashland

Hanover County

	Population						Housing						School Enrollment				Employment					
	Total		In Occupied Housing Units		In Group Quarters		Housing Units		Households		Automobiles		Grade K-12		Colleges		Total		Retail		Non-Retail	
TAZ	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045
578	442	6,006	442	6,006	0	0	188	2,288	181	2,208	359	4,379	0	0	0	0	*	1,542	*	208	*	1,334
579	185	265	185	265	0	0	93	101	90	97	232	250	0	0	0	0	4,799	5,099	566	566	4,233	4,533
580	1,692	1,538	1,692	1,538	0	0	582	586	562	565	1,492	1,500	0	0	0	0	64	64	0	0	64	64
581	1,288	1,570	1,288	1,570	0	0	558	598	538	577	1,222	1,311	3,771	4046	0	0	606	631	6	23	600	608
582	2,276	2,116	2,276	2,116	0	0	802	806	774	778	1,062	1,067	0	0	0	0	557	582	152	177	405	405
583	1,982	1,814	1,982	1,814	0	0	675	691	651	667	1,915	1,962	0	0	0	0	314	334	142	162	172	172
584	3,219	2,439	3,219	2,439	0	0	925	929	893	896	2,416	2,424	0	0	0	0	88	116	4	6	84	110
585	750	948	750	948	0	0	333	361	321	348	719	779	0	0	0	0	22	43	9	9	13	34
586	793	2,034	793	2,034	0	0	351	775	339	748	790	1,743	0	0	0	0	567	848	152	333	415	515
587	544	955	544	955	0	0	276	364	266	351	414	546	0	0	0	0	2,451	2,651	535	635	1,916	2,016
588	2,098	1,688	2,098	1,688	0	0	593	643	572	620	1,548	1,678	0	0	0	0	65	67	0	2	65	65
589	1,493	1,709	1,493	1,709	0	0	506	651	488	628	1,248	1,606	3,459	3711	0	0	568	568	2	2	566	566
590	958	1,134	958	1,134	0	0	340	432	328	417	920	1,170	0	0	0	0	75	90	2	17	73	73
591	1,426	1,591	1,426	1,591	0	0	556	606	537	585	1,455	1,585	0	0	0	0	63	65	2	2	61	63
592	1,307	1,953	1,307	1,953	0	0	456	744	440	718	1,174	1,916	0	0	0	0	187	321	46	83	141	238
593	3,442	5,121	3,442	5,121	0	0	1,322	1,951	1,276	1,883	3,028	4,468	0	0	0	0	1,266	1,966	560	960	706	1,006
594	83	210	83	210	0	0	30	80	29	77	97	258	0	0	0	0	0	11	0	0	0	11
595	2,174	2,512	2,174	2,512	0	0	887	957	856	924	2,048	2,211	0	0	0	0	928	949	171	192	757	757
596	1,232	1,286	1,232	1,286	0	0	466	490	450	473	1,362	1,432	608	652	0	0	75	97	5	5	70	92
597	511	612	511	612	0	0	217	233	209	225	527	567	0	0	0	0	51	92	6	7	45	85
598	331	346	331	346	0	0	116	132	112	127	339	384	0	0	0	0	42	44	2	2	40	42
599	954	1,029	954	1,029	0	0	376	392	363	378	998	1,039	417	447	0	0	358	486	99	163	259	323
600	904	979	904	979	0	0	369	373	356	360	881	891	204	219	0	0	1,311	1,427	106	122	1,205	1,305
601	785	1,263	785	1,263	0	0	319	481	308	464	791	1,192	0	0	0	0	*	151	*	15	*	136
602	257	651	186	580	71	71	101	221	97	213	372	817	0	0	0	0	657	1,157	199	399	458	758
603	2,274	2,433	2,274	2,433	0	0	804	927	776	895	1,905	2,197	479	514	0	0	68	190	6	24	62	166
604	5	5	5	5	0	0	2	2	2	2	5	5	0	0	0	0	1,749	1,949	26	26	1,723	1,923
605	1,003	976	1,003	976	0	0	356	372	344	359	968	1,010	0	0	0	0	2,039	3,082	126	176	1,913	2,906
606	1,200	1,278	1,200	1,278	0	0	467	487	451	470	1,020	1,063	110	118	0	0	68	78	16	26	52	52

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Hanover County

	Population						Housing						School Enrollment				Employment					
	Total		In Occupied Housing Units		In Group Quarters		Housing Units		Households		Automobiles		Grade K-12		Colleges		Total		Retail		Non-Retail	
TAZ	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045
607	1,520	1,879	1,268	1,627	252	252	570	620	550	598	1,184	1,287	0	0	0	0	395	414	11	30	384	384
608	2,703	3,603	2,154	3,003	549	600	1,003	1,144	968	1,104	2,079	2,371	0	0	0	0	496	506	6	16	490	490
609	185	667	185	667	0	0	74	254	71	245	227	783	0	0	0	0	*	429	*	60	*	369
610	3,805	3,690	3,805	3,690	0	0	1,356	1,406	1,308	1,357	3,184	3,303	573	615	0	0	284	302	25	43	259	259
611	1,888	1,882	1,888	1,882	0	0	709	717	684	692	1,498	1,516	0	0	0	0	157	232	51	83	106	149
612	660	803	660	803	0	0	290	306	280	295	782	824	420	451	0	0	*	131	*	6	*	125
613	1,276	1,467	1,276	1,467	0	0	491	559	474	539	1,454	1,653	0	0	0	0	59	59	3	3	56	56
614	870	997	870	997	0	0	348	380	336	367	1,069	1,168	0	0	0	0	34	42	7	13	27	29
615	1,007	1,032	1,007	1,032	0	0	373	393	360	379	967	1,018	0	0	0	0	642	662	423	423	219	239
616	1,373	1,664	1,373	1,664	0	0	622	634	600	612	1,138	1,161	578	620	0	0	1,185	1,205	161	161	1,024	1,044
617	1,158	1,357	1,158	1,357	0	0	485	517	468	499	1,049	1,118	0	0	0	0	84	86	51	53	33	33
618	914	1,089	914	1,089	0	0	411	415	397	400	775	781	2,600	2789	0	0	1,507	1,644	917	986	590	658
619	1,035	1,168	1,035	1,168	0	0	395	445	381	429	817	920	86	92	0	0	807	892	593	643	214	249
620	2,065	2,318	2,065	2,318	0	0	663	883	640	852	1,747	2,326	0	0	0	0	297	460	49	192	248	268
621	1,683	1,856	1,683	1,856	0	0	597	707	576	682	1,705	2,019	0	0	0	0	61	143	3	6	58	137
622	2,711	3,074	2,711	3,074	0	0	1,159	1,171	1,118	1,130	1,990	2,011	0	0	0	0	535	605	134	204	401	401
623	1,492	2,249	1,492	2,249	0	0	640	857	618	827	1,331	1,781	0	0	0	0	1,930	2,075	1,563	1,658	367	417
624	1,866	2,291	1,866	2,291	0	0	733	873	707	842	1,627	1,938	0	0	0	0	1,441	1,851	1,035	1,245	406	606
625	705	724	705	724	0	0	260	276	251	266	658	697	0	0	0	0	200	339	5	61	195	278
626	1,217	1,454	1,217	1,454	0	0	550	554	531	535	982	989	0	0	0	0	30	39	0	0	30	39
627	2,639	2,583	2,639	2,583	0	0	976	984	942	950	2,400	2,420	0	0	0	0	129	173	51	51	78	122
628	1,530	1,593	1,530	1,593	0	0	557	607	537	586	1,513	1,651	522	560	0	0	*	137	*	0	*	137
629	661	759	661	759	0	0	277	289	267	279	778	813	0	0	0	0	*	88	*	0	*	88
630	1,027	1,197	1,027	1,197	0	0	388	456	374	440	1,221	1,436	0	0	0	0	20	21	1	2	19	19
631	441	533	441	533	0	0	199	203	192	196	399	407	0	0	0	0	20	128	14	20	6	108
632	216	215	216	215	0	0	78	82	75	79	193	203	0	0	0	0	29	33	6	7	23	26
633	969	1,079	969	1,079	0	0	363	411	350	397	1,175	1,333	0	0	0	0	226	228	2	4	224	224
Total	109,595	145,559	106,677	142,590	2,918	2,969	41,706	54,324	40,247	52,423	97,794	127,162	18,226	19,553	1,418	1,418	50,625	65,859	12,969	18,847	37,656	47,012

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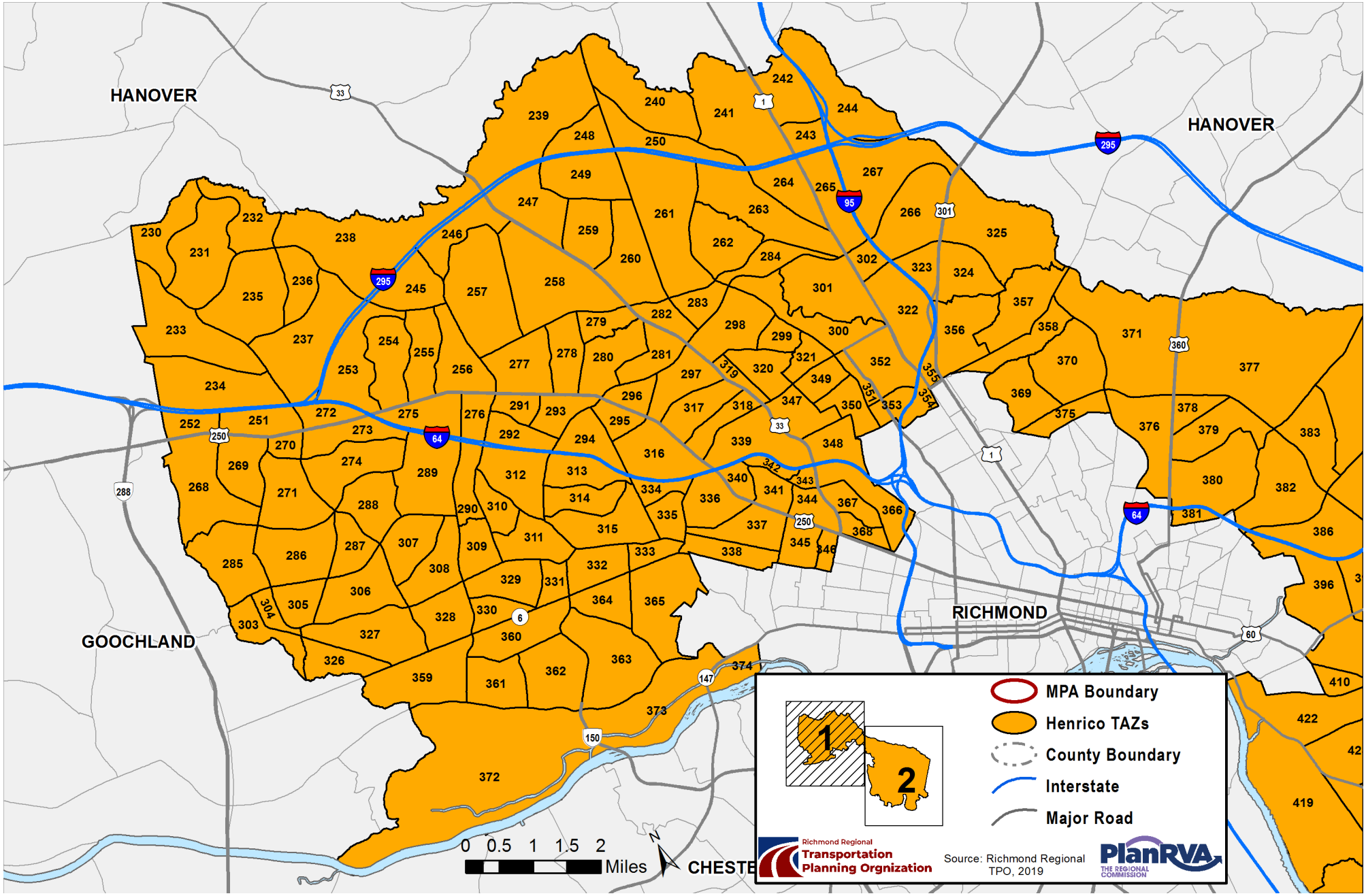
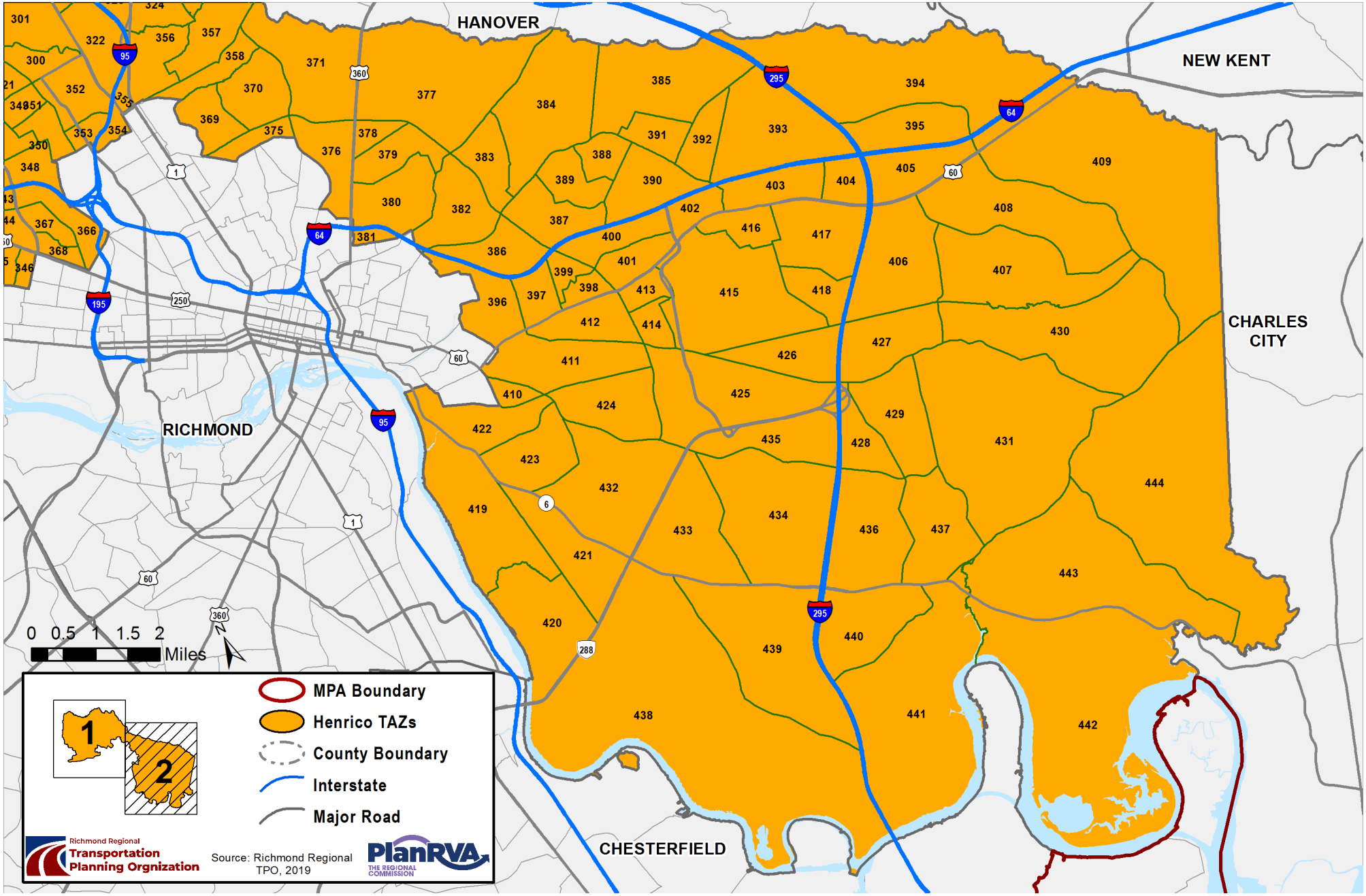
Henrico County Map 1



Henrico County Map 2



Henrico County

	Population						Housing						School Enrollment				Employment					
	Total		In Occupied Housing Units		In Group Quarters		Housing Units		Households		Automobiles		Grade K-12		Colleges		Total		Retail		Non-Retail	
TAZ	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045
230	1,621	2,060	1,621	2,060	0	0	664	844	654	831	1,663	2,113	0	0	0	0	49	50	27	28	22	22
231	3,104	3,181	3,104	3,181	0	0	1,281	1,313	1,252	1,283	3,503	3,590	717	868	0	0	303	339	40	41	263	298
232	1,621	1,817	1,621	1,817	0	0	664	744	654	733	1,619	1,815	0	0	0	0	123	126	1	2	122	124
233	921	1,533	921	1,533	0	0	378	629	372	619	1,022	1,701	429	519	0	0	163	252	0	0	163	252
234	1,222	1,924	1,222	1,924	0	0	514	809	493	776	833	1,311	689	834	0	0	*	1,644	*	4	*	1,640
235	2,404	3,049	2,404	3,049	0	0	985	1,249	969	1,229	2,977	3,776	0	0	0	0	159	181	55	55	104	126
236	1,969	2,016	1,969	2,016	0	0	817	837	794	813	1,416	1,450	1,963	2,546	389	389	1,075	1,227	312	341	763	886
237	4,742	4,859	4,742	4,859	0	0	1,959	2,007	1,912	1,959	4,175	4,278	1,445	1,749	0	0	1,183	1,416	326	344	857	1,072
238	1,621	2,550	1,621	2,550	0	0	664	1,044	653	1,027	1,980	3,114	1,743	2,110	0	0	2,477	2,804	146	262	2,331	2,542
239	3,481	4,019	3,481	4,019	0	0	1,436	1,658	1,404	1,621	2,571	2,968	0	0	0	0	120	174	35	35	85	139
240	605	952	605	952	0	0	248	390	244	384	480	755	0	0	0	0	22	25	5	8	17	17
241	3,264	7,535	3,264	7,535	0	0	1,358	3,135	1,316	3,038	2,277	5,256	0	0	0	0	1,037	1,329	865	914	172	415
242	62	91	54	83	8	8	22	34	22	34	22	34	0	0	0	0	2,912	3,624	1,151	1,311	1,761	2,313
243	307	483	307	483	0	0	126	198	124	195	258	406	0	0	0	0	139	215	106	127	33	88
244	1,625	1,945	1,625	1,945	0	0	666	797	655	784	917	1,098	0	0	0	0	158	429	110	111	48	318
245	259	266	259	266	0	0	106	109	105	108	289	297	0	0	0	0	12,035	13,958	190	190	11,845	13,768
246	1,038	1,266	1,038	1,266	0	0	426	520	419	511	1,308	1,595	0	0	0	0	30	51	6	6	24	45
247	902	1,170	896	1,164	6	6	367	477	361	469	900	1,169	0	0	0	0	27	347	6	6	21	341
248	583	598	583	598	0	0	239	245	235	241	576	591	0	0	0	0	9	9	0	0	9	9
249	933	1,109	730	906	203	203	299	371	294	365	792	983	656	794	0	0	437	520	123	128	314	392
250	578	910	578	910	0	0	237	373	233	367	521	821	611	740	0	0	*	139	*	0	*	139
251	1,198	1,228	1,198	1,228	0	0	505	518	483	495	488	500	0	0	0	0	4,512	4,839	3,787	4,102	725	737
252	17	1,474	17	1,474	0	0	7	607	7	607	17	1,474	0	0	0	0	*	1,446	*	696	*	750
253	1,363	3,118	1,363	3,118	0	0	558	1,277	549	1,256	1,647	3,768	0	0	0	0	1,958	3,027	231	257	1,727	2,770
254	751	5,892	751	5,892	0	0	308	2,416	303	2,377	770	6,041	0	0	0	0	7,117	10,167	713	772	6,404	9,395
255	2,115	3,375	2,115	3,375	0	0	876	1,398	853	1,361	1,643	2,621	0	0	450	450	1,859	3,436	413	429	1,446	3,007
256	3,933	4,030	3,933	4,030	0	0	1,639	1,679	1,586	1,625	3,055	3,130	656	794	0	0	1,689	1,792	844	870	845	922
257	5,203	5,332	5,198	5,327	5	5	2,130	2,183	2,096	2,148	6,015	6,164	576	697	0	0	252	326	35	35	217	291

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Henrico County

	Population						Housing						School Enrollment				Employment					
	Total		In Occupied Housing Units		In Group Quarters		Housing Units		Households		Automobiles		Grade K-12		Colleges		Total		Retail		Non-Retail	
TAZ	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045
258	4,990	5,111	4,990	5,111	0	0	2,045	2,095	2,017	2,066	4,543	4,653	2,832	3,428	0	0	890	1,049	133	157	757	892
259	1,391	1,453	1,385	1,447	6	6	568	593	558	583	1,059	1,106	0	0	0	0	93	100	14	14	79	86
260	3,240	3,319	3,240	3,319	0	0	1,328	1,361	1,306	1,338	2,653	2,718	0	0	0	0	80	113	14	19	66	94
261	4,091	4,193	4,075	4,177	16	16	1,670	1,712	1,643	1,684	3,328	3,411	0	0	0	0	146	403	33	60	113	343
262	2,878	2,950	2,878	2,950	0	0	1,185	1,215	1,161	1,190	1,778	1,822	0	0	0	0	1,120	1,409	93	96	1,027	1,313
263	2,646	2,710	2,635	2,699	11	11	1,084	1,111	1,063	1,089	1,952	2,000	172	208	0	0	545	751	241	364	304	387
264	1,621	1,663	1,621	1,663	0	0	669	686	654	671	1,124	1,153	502	608	0	0	747	893	177	258	570	635
265	1,142	1,794	1,137	1,789	5	5	466	733	459	722	934	1,469	0	0	0	0	256	579	94	127	162	452
266	2,768	2,837	2,753	2,822	15	15	1,128	1,156	1,110	1,138	2,423	2,484	429	519	0	0	216	292	19	38	197	254
267	56	88	56	88	0	0	23	36	23	36	63	99	0	0	544	544	1,488	2,404	95	95	1,393	2,309
268	2,835	4,340	2,628	4,133	207	207	1,077	1,694	1,060	1,667	3,471	5,459	599	725	0	0	688	1,021	209	268	479	753
269	1,446	2,274	1,442	2,270	4	4	591	930	582	916	1,609	2,532	0	0	0	0	728	1,234	543	776	185	458
270	1,195	1,225	1,195	1,225	0	0	506	519	482	494	640	656	135	298	0	0	2,225	2,253	930	948	1,295	1,305
271	4,049	4,148	4,044	4,143	5	5	1,668	1,709	1,631	1,671	4,083	4,183	1,046	1,266	0	0	760	804	368	398	392	406
272	0	0	0	0	0	0	0	0	0	0	0	0	0	0	190	190	1,825	1,846	1,525	1,544	300	302
273	3,959	4,299	3,959	4,299	0	0	1,658	1,800	1,596	1,733	1,271	1,380	1,546	1,871	617	1,200	2,544	2,602	1,668	1,682	876	920
274	2,148	2,203	2,148	2,203	0	0	880	902	866	888	2,865	2,938	0	0	0	0	189	225	96	114	93	111
275	0	0	0	0	0	0	0	1,100	0	0	0	0	0	0	0	0	6,169	8,119	963	1,089	5,206	7,030
276	325	333	325	333	0	0	133	136	131	134	279	285	0	0	0	0	1,439	1,591	715	796	724	795
277	3,349	3,433	3,349	3,433	0	0	1,391	1,426	1,350	1,384	2,616	2,682	468	566	0	0	1,647	1,701	1,039	1,069	608	632
278	1,521	1,558	1,489	1,526	32	32	610	625	600	615	1,616	1,656	34	75	0	0	812	881	348	387	464	494
279	847	1,085	843	1,081	4	4	346	444	340	436	597	766	0	0	0	0	31	37	0	1	31	36
280	5,078	5,654	5,078	5,654	0	0	2,120	2,360	2,047	2,279	3,166	3,525	614	743	0	0	757	757	115	115	642	642
281	2,964	3,038	2,964	3,038	0	0	1,241	1,272	1,195	1,225	1,207	1,237	1,667	2,018	0	0	2,173	2,238	528	553	1,645	1,685
282	506	794	506	794	0	0	207	325	204	320	324	508	0	0	0	0	918	1,048	673	760	245	288
283	593	809	374	590	219	219	153	241	151	238	200	315	0	0	0	0	1,932	1,984	9	12	1,923	1,972
284	499	511	495	507	4	4	203	208	200	205	440	451	1,138	1,377	0	0	1,538	1,677	196	200	1,342	1,477
285	4,151	4,349	4,151	4,349	0	0	1,714	1,796	1,674	1,754	3,357	3,517	0	0	0	0	133	148	15	18	118	130
286	2,668	2,735	2,668	2,735	0	0	1,093	1,120	1,075	1,102	3,039	3,115	544	658	0	0	349	419	173	173	176	246
287	1,377	1,412	1,377	1,412	0	0	564	578	555	569	1,572	1,612	0	0	0	0	284	445	158	252	126	193

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Henrico County

	Population						Housing						School Enrollment				Employment					
	Total		In Occupied Housing Units		In Group Quarters		Housing Units		Households		Automobiles		Grade K-12		Colleges		Total		Retail		Non-Retail	
TAZ	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045
288	1,855	2,024	1,855	2,024	0	0	760	829	748	816	2,217	2,419	0	0	0	0	79	91	0	0	79	91
289	2,796	4,031	2,157	3,392	639	639	884	1,390	870	1,368	2,433	3,826	62	137	0	0	974	1,125	188	201	786	924
290	1,113	1,143	1,113	1,143	0	0	456	468	449	461	1,151	1,182	0	0	0	0	46	59	11	14	35	45
291	3,889	3,988	3,889	3,988	0	0	1,646	1,688	1,568	1,608	1,450	1,487	0	0	0	0	578	687	456	507	122	180
292	4,308	5,347	4,308	5,347	0	0	1,808	2,244	1,737	2,156	2,540	3,153	0	0	0	0	105	149	10	10	95	139
293	1,675	1,717	1,675	1,717	0	0	705	723	675	692	888	910	1,757	2,127	111	111	1,737	2,059	622	696	1,115	1,363
294	1,543	1,580	1,447	1,484	96	96	593	608	584	599	1,318	1,352	0	0	0	0	338	527	2	2	336	525
295	1,004	1,029	1,001	1,026	3	3	417	427	404	414	888	910	0	0	0	0	669	773	418	471	251	302
296	166	260	166	260	0	0	68	107	67	105	136	213	85	188	0	0	2,013	2,242	469	532	1,544	1,710
297	2,513	2,555	1,604	1,646	909	909	665	682	647	664	1,439	1,477	0	0	0	0	2,700	3,192	222	244	2,478	2,948
298	1,490	1,527	1,464	1,501	26	26	600	615	590	605	1,338	1,372	878	1,425	0	0	1,099	1,236	208	220	891	1,016
299	627	741	627	741	0	0	257	304	253	299	491	580	1,037	1,255	0	0	*	163	*	0	*	163
300	814	834	814	834	0	0	333	341	328	336	976	1,000	0	0	0	0	419	487	56	56	363	431
301	2,431	2,491	2,431	2,491	0	0	1,009	1,034	980	1,004	1,251	1,282	61	135	8,632	8,632	3,545	4,709	67	89	3,478	4,620
302	115	118	115	118	0	0	47	48	46	47	93	95	0	0	0	0	969	1,073	716	819	253	254
303	1,020	1,114	1,020	1,114	0	0	418	457	411	449	1,219	1,332	0	0	0	0	*	95	*	0	*	95
304	2,434	2,494	2,434	2,494	0	0	1,018	1,043	981	1,005	1,476	1,512	75	166	0	0	186	226	110	150	76	76
305	2,464	2,514	2,019	2,069	445	445	830	850	814	834	1,651	1,692	0	0	0	0	805	836	62	67	743	769
306	2,607	2,674	2,589	2,656	18	18	1,061	1,088	1,044	1,071	2,543	2,609	625	1,381	0	0	290	349	6	7	284	342
307	1,764	1,806	1,696	1,738	68	68	695	712	684	701	1,899	1,946	1,828	2,213	0	0	*	329	*	2	*	327
308	2,229	2,472	2,130	2,373	99	99	873	973	859	957	1,881	2,096	0	0	0	0	200	231	0	0	200	231
309	2,525	2,587	2,525	2,587	0	0	1,045	1,071	1,018	1,043	2,023	2,073	1,366	1,653	0	0	461	489	18	18	443	471
310	923	948	923	948	0	0	378	388	372	382	986	1,013	0	0	0	0	37	54	0	1	37	53
311	3,163	4,193	3,163	4,193	0	0	1,330	1,763	1,275	1,690	2,169	2,875	0	0	0	0	1,989	2,266	1,227	1,327	762	939
312	2,767	2,829	2,431	2,493	336	336	999	1,024	980	1,005	2,321	2,380	550	666	0	0	405	573	6	12	399	561
313	1,223	1,253	1,223	1,253	0	0	501	513	493	505	1,385	1,419	0	0	0	0	145	236	11	11	134	225
314	1,320	1,350	1,223	1,253	97	97	501	513	493	505	1,433	1,468	0	0	0	0	116	131	2	2	114	129
315	3,331	3,410	3,234	3,313	97	97	1,347	1,380	1,304	1,336	2,274	2,330	2,058	2,491	0	0	5,245	5,660	69	70	5,176	5,590

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Henrico County

	Population						Housing						School Enrollment				Employment					
	Total		In Occupied Housing Units		In Group Quarters		Housing Units		Households		Automobiles		Grade K-12		Colleges		Total		Retail		Non-Retail	
TAZ	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045
316	1,582	2,976	1,582	2,976	0	0	652	1,226	638	1,200	1,745	3,282	599	725	278	278	3,680	4,233	807	914	2,873	3,319
317	2,157	3,771	2,157	3,771	0	0	911	1,593	870	1,521	1,970	3,444	0	0	0	0	418	499	231	289	187	210
318	3,982	4,989	3,982	4,989	0	0	1,671	2,094	1,605	2,011	1,507	1,888	0	0	0	0	882	1,126	580	631	302	495
319	0	0	0	0	0	0	0	200	0	0	0	0	0	0	0	0	819	951	250	280	569	671
320	1,096	1,126	1,096	1,126	0	0	452	464	442	454	762	783	620	750	0	0	2,897	3,028	190	190	2,707	2,838
321	1,348	1,383	1,348	1,383	0	0	561	575	544	558	897	920	0	0	0	0	17	21	6	6	11	15
322	1,614	2,535	1,606	2,527	8	8	658	1,035	647	1,018	1,271	2,000	0	0	0	0	172	214	75	96	97	118
323	836	856	821	841	15	15	337	345	331	339	585	599	0	0	0	0	10	23	5	7	5	16
324	821	1,292	821	1,292	0	0	337	530	331	521	801	1,261	0	0	0	0	92	102	0	0	92	102
325	1,368	1,658	1,362	1,652	6	6	558	677	549	666	1,371	1,663	1,022	1,449	0	0	229	238	0	0	229	238
326	1,040	1,407	642	1,009	398	398	268	421	259	407	669	1,051	0	0	0	0	614	629	248	263	366	366
327	2,843	3,304	2,505	2,966	338	338	1,031	1,221	1,010	1,196	2,985	3,535	0	0	0	0	532	573	88	91	444	482
328	1,459	1,496	1,459	1,496	0	0	606	621	588	603	1,368	1,403	0	0	0	0	906	1,048	469	506	437	542
329	2,253	2,310	2,253	2,310	0	0	927	950	909	932	2,639	2,706	102	225	0	0	261	374	139	147	122	227
330	1,887	2,889	1,749	2,751	138	138	735	1,156	705	1,109	1,204	1,894	455	1,006	0	0	361	412	49	63	312	349
331	570	1,799	570	1,799	0	0	234	739	230	726	586	1,850	0	0	0	0	651	1,036	483	500	168	536
332	1,642	1,684	1,642	1,684	0	0	673	690	662	679	1,612	1,653	1,805	2,185	0	0	798	855	292	313	506	542
333	952	977	952	977	0	0	390	400	384	394	897	920	0	0	0	0	21	26	17	17	4	9
334	495	502	317	324	178	178	130	133	128	131	299	306	0	0	0	0	2,010	2,151	81	81	1,929	2,070
335	1,267	1,299	1,267	1,299	0	0	519	532	511	524	1,078	1,105	0	0	0	0	1,149	1,221	0	0	1,149	1,221
336	2,211	2,266	2,211	2,266	0	0	925	948	892	914	1,456	1,492	399	483	0	0	3,346	3,996	782	860	2,564	3,136
337	2,121	2,176	2,117	2,172	4	4	869	891	854	876	1,717	1,761	0	0	0	0	961	1,073	355	375	606	698
338	1,583	1,625	1,583	1,625	0	0	649	666	639	656	1,251	1,284	0	0	0	0	6,129	6,365	192	194	5,937	6,171
339	3,232	3,391	3,224	3,383	8	8	1,337	1,403	1,300	1,364	2,651	2,782	0	0	0	0	2,853	3,006	158	186	2,695	2,820
340	65	788	65	788	0	0	27	327	26	315	43	521	0	0	0	0	3,199	3,894	470	499	2,729	3,395
341	1,277	1,309	1,277	1,309	0	0	527	540	515	528	1,267	1,299	0	0	0	0	698	821	257	289	441	532
342	196	201	196	201	0	0	80	82	79	81	213	218	563	681	0	0	*	109	*	0	*	109
343	359	369	359	369	0	0	147	151	145	149	289	297	0	0	0	0	10	15	0	0	10	15
344	312	5,420	312	5,420	0	0	128	2,224	126	2,189	296	5,142	0	0	0	0	2,335	2,782	903	1,006	1,432	1,776

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Henrico County

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TAZ	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045
345	1,245	1,518	1,139	1,412	106	106	467	579	459	569	960	1,190	163	360	0	0	2,693	2,916	798	826	1,895	2,090
346	852	1,845	852	1,845	0	0	350	758	344	745	306	663	0	0	0	0	2,922	3,091	1,235	1,289	1,687	1,802
347	1,578	1,618	1,574	1,614	4	4	645	661	635	651	1,178	1,208	0	0	0	0	1,591	1,731	121	143	1,470	1,588
348	544	855	544	855	0	0	223	350	219	344	399	627	0	0	0	0	1,079	1,181	24	24	1,055	1,157
349	2,060	2,112	2,053	2,105	7	7	854	876	828	849	1,292	1,325	508	615	0	0	173	213	12	12	161	201
350	2,441	2,503	2,433	2,495	8	8	998	1,023	981	1,006	1,664	1,706	0	0	0	0	31	40	21	21	10	19
351	875	892	682	699	193	193	280	287	275	282	438	449	0	0	0	0	392	450	158	182	234	268
352	1,665	2,618	1,665	2,618	0	0	695	1,093	671	1,055	510	802	0	0	0	0	435	582	182	247	253	335
353	791	811	791	811	0	0	324	332	319	327	526	539	0	0	0	0	316	335	142	158	174	177
354	853	853	0	0	853	853	0	0	0	0	0	0	0	0	0	0	85	208	79	96	6	112
355	0	0	0	0	0	0	0	0	0	0	0	0	121	267	0	0	801	894	454	509	347	385
356	3,326	4,033	3,326	4,033	0	0	1,389	1,684	1,341	1,626	1,835	2,225	0	0	0	0	234	277	155	184	79	93
357	2,937	3,433	2,937	3,433	0	0	1,238	1,447	1,184	1,384	1,433	1,675	1,746	2,113	0	0	*	633	*	5	*	628
358	512	804	512	804	0	0	210	330	207	325	459	721	0	0	0	0	106	225	7	15	99	210
359	3,245	3,669	3,245	3,669	0	0	1,359	1,537	1,308	1,479	2,581	2,918	0	0	0	0	402	462	15	22	387	440
360	2,917	2,989	2,917	2,989	0	0	1,205	1,235	1,176	1,205	2,724	2,791	680	823	0	0	431	528	303	318	128	210
361	1,267	1,299	1,267	1,299	0	0	519	532	511	524	1,493	1,531	0	0	0	0	61	76	2	2	59	74
362	1,889	1,936	1,889	1,936	0	0	774	793	762	781	1,760	1,804	1,680	3,713	0	0	*	503	*	3	*	500
363	2,955	3,029	2,955	3,029	0	0	1,211	1,241	1,192	1,222	3,132	3,211	456	724	0	0	234	319	39	42	195	277
364	1,177	1,207	1,177	1,207	0	0	483	495	474	486	1,414	1,450	0	0	0	0	232	310	72	75	160	235
365	2,924	2,998	2,924	2,998	0	0	1,198	1,228	1,179	1,209	3,137	3,217	658	796	0	0	317	376	133	153	184	223
366	207	212	207	212	0	0	85	87	84	86	175	179	0	0	0	0	2,296	2,824	464	464	1,832	2,360
367	0	0	0	0	0	0	0	500	0	0	0	0	0	0	0	0	3,888	4,505	280	280	3,608	4,225
368	0	0	0	0	0	0	0	300	0	0	0	0	0	0	279	535	4,729	5,125	185	185	4,544	4,940
369	1,968	2,018	1,968	2,018	0	0	822	843	793	813	1,016	1,042	603	774	0	0	176	210	58	67	118	143
370	315	323	315	323	0	0	129	132	127	130	234	240	0	0	0	0	564	1,021	87	87	477	934
371	1,690	1,794	1,676	1,780	14	14	687	730	676	718	1,442	1,532	445	539	0	0	457	565	178	200	279	365
372	1,720	1,851	1,720	1,851	0	0	705	759	694	747	2,437	2,623	0	0	0	0	185	188	2	2	183	186
373	954	1,231	488	765	466	466	200	314	197	309	742	1,164	0	0	0	0	304	328	277	281	27	47

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Henrico County

	Population						Housing						School Enrollment				Employment					
	Total		In Occupied Housing Units		In Group Quarters		Housing Units		Households		Automobiles		Grade K-12		Colleges		Total		Retail		Non-Retail	
TAZ	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045
374	266	420	266	420	0	0	109	172	107	169	114	180	0	0	0	0	384	388	117	118	267	270
375	1,499	1,536	1,492	1,529	7	7	620	635	602	617	1,040	1,066	0	0	0	0	304	380	125	152	179	228
376	1,921	1,968	1,913	1,960	8	8	784	803	771	790	1,715	1,757	0	0	0	0	848	1,044	198	263	650	781
377	4,538	7,130	4,526	7,118	12	12	1,872	2,944	1,825	2,870	4,399	6,918	1,274	1,712	0	0	461	549	71	84	390	465
378	1,194	1,226	1,194	1,226	0	0	498	511	482	495	881	905	0	0	0	0	200	241	102	139	98	102
379	2,425	3,811	2,418	3,804	7	7	994	1,564	975	1,534	2,134	3,357	467	565	0	0	247	422	113	136	134	286
380	3,484	3,568	3,479	3,563	5	5	1,430	1,465	1,403	1,437	3,138	3,214	0	0	0	0	245	333	13	32	232	301
381	370	380	370	380	0	0	153	157	149	153	199	204	930	1,126	0	0	*	256	*	9	*	247
382	2,109	3,277	2,038	3,206	71	71	840	1,321	822	1,293	2,018	3,174	0	0	0	0	791	1,247	379	402	412	845
383	4,292	6,749	4,292	6,749	0	0	1,797	2,826	1,731	2,722	2,441	3,838	0	0	0	0	198	256	102	123	96	133
384	2,564	4,032	2,564	4,032	0	0	1,053	1,656	1,034	1,626	2,470	3,884	0	0	0	0	239	327	121	154	118	173
385	2,417	3,783	2,388	3,754	29	29	980	1,541	963	1,514	1,775	2,791	0	0	0	0	86	95	18	18	68	77
386	1,414	1,444	1,213	1,243	201	201	497	509	489	501	1,256	1,287	433	524	0	0	1,292	1,494	148	180	1,144	1,314
387	1,396	2,197	1,396	2,197	0	0	572	900	563	886	1,473	2,318	1,060	1,283	0	0	586	807	124	172	462	635
388	1,542	2,427	1,542	2,427	0	0	638	1,004	622	979	891	1,402	588	712	0	0	287	390	26	50	261	340
389	2,905	3,116	2,902	3,113	3	3	1,199	1,286	1,170	1,255	1,975	2,118	0	0	0	0	10	67	0	0	10	67
390	2,008	3,154	2,001	3,147	7	7	827	1,300	807	1,269	1,581	2,486	2,256	2,731	0	0	1,908	2,089	335	382	1,573	1,707
391	2,296	2,514	2,296	2,514	0	0	941	1,030	926	1,014	1,867	2,044	0	0	0	0	188	214	132	156	56	58
392	2,664	4,123	2,545	4,004	119	119	1,054	1,658	1,026	1,614	1,653	2,600	0	0	0	0	250	297	79	98	171	199
393	2,018	3,172	2,018	3,172	0	0	827	1,300	813	1,278	1,709	2,686	521	631	0	0	238	396	3	3	235	393
394	1,141	1,793	1,141	1,793	0	0	467	734	460	723	1,095	1,721	0	0	0	0	*	18	*	2	*	16
395	60	93	60	93	0	0	25	39	24	37	75	116	0	0	0	0	0	0	0	0	0	0
396	1,853	1,935	1,849	1,931	4	4	758	792	746	779	1,877	1,960	0	0	0	0	21	64	18	26	3	38
397	2,809	2,881	2,809	2,881	0	0	1,172	1,202	1,132	1,161	1,747	1,792	393	476	0	0	186	288	53	84	133	204
398	420	659	420	659	0	0	172	270	169	265	555	870	0	0	0	0	678	764	434	480	244	284
399	927	1,457	927	1,457	0	0	389	612	374	588	426	670	0	0	0	0	514	692	375	419	139	273
400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,978	2,467	1,572	1,748	406	719
401	1,949	2,100	1,945	2,096	4	4	809	872	784	845	1,477	1,592	0	0	0	0	594	759	356	410	238	349
402	793	813	793	813	0	0	325	333	320	328	680	697	235	284	0	0	212	359	76	100	136	259

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Henrico County

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	Total		In Occupied Housing Units		In Group Quarters		Housing Units		Households		Automobiles		Grade K-12		Colleges		Total		Retail		Non-Retail	
TAZ	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045
403	1,779	2,797	1,779	2,797	0	0	734	1,154	718	1,129	1,179	1,854	0	0	0	0	92	251	33	53	59	198
404	155	368	155	368	0	0	63	149	62	147	183	434	0	0	0	0	278	455	131	172	147	283
405	94	146	94	146	0	0	38	59	38	59	89	138	0	0	0	0	*	293	*	68	*	225
406	94	888	94	888	0	0	38	359	38	359	140	1,323	0	0	0	0	133	609	0	21	133	588
407	236	373	236	373	0	0	96	152	95	150	230	363	0	0	0	0	*	2,809	*	32	*	2,777
408	523	818	518	813	5	5	212	333	209	328	543	852	0	0	0	0	985	1,463	1	40	984	1,423
409	2,496	3,926	2,496	3,926	0	0	1,023	1,609	1,007	1,584	2,703	4,252	940	1,234	0	0	211	671	8	20	203	651
410	1,401	2,193	1,380	2,172	21	21	581	914	556	875	496	781	0	0	0	0	41	51	5	15	36	36
411	1,396	1,465	1,396	1,465	0	0	572	600	563	591	1,151	1,208	0	0	0	0	1,154	1,498	354	357	800	1,141
412	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,327	4,099	489	641	2,838	3,458
413	733	753	733	753	0	0	307	315	295	303	502	516	0	0	0	0	991	1,307	208	242	783	1,065
414	192	299	192	299	0	0	78	122	77	120	164	256	0	0	0	0	958	1,152	48	54	910	1,098
415	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,334	3,577	138	139	2,196	3,438
416	1,584	1,626	1,584	1,626	0	0	649	666	638	655	1,298	1,333	410	496	0	0	377	421	87	122	290	299
417	1,009	1,587	1,009	1,587	0	0	420	660	407	640	841	1,322	0	0	0	0	96	169	69	76	27	93
418	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	213	*	0	*	213
419	855	6,230	855	6,230	0	0	350	2,550	345	2,514	435	3,170	0	0	0	0	*	2,259	*	731	*	1,528
420	236	1,103	236	1,103	0	0	97	453	95	444	377	1,762	0	0	0	0	20	30	1	2	19	28
421	2,002	3,151	2,002	3,151	0	0	820	1,290	807	1,270	2,029	3,193	0	0	0	0	72	136	22	73	50	63
422	1,583	2,489	1,583	2,489	0	0	655	1,030	638	1,003	1,378	2,166	0	0	0	0	22	86	0	0	22	86
423	3,852	3,946	3,852	3,946	0	0	1,584	1,623	1,553	1,591	4,531	4,642	0	0	0	0	34	78	12	46	22	32
424	17	27	17	27	0	0	7	11	7	11	27	42	0	0	0	0	1,185	1,301	0	1	1,185	1,300
425	192	299	187	294	5	5	77	121	75	118	186	293	0	0	0	0	1,434	2,252	92	121	1,342	2,131
426	47	74	47	74	0	0	19	30	19	30	31	49	0	0	0	0	5	70	0	0	5	70
427	123	193	123	193	0	0	50	79	49	77	165	259	0	0	0	0	0	26	0	0	0	26
428	245	386	245	386	0	0	101	159	99	156	385	607	0	0	0	0	*	5	*	0	*	5
429	450	709	450	709	0	0	184	290	181	285	362	570	0	0	0	0	13	49	4	4	9	45
430	978	1,531	967	1,520	11	11	397	624	390	613	729	1,146	0	0	0	0	24	50	1	1	23	49
431	967	1,520	967	1,520	0	0	397	624	390	613	1,420	2,232	0	0	0	0	42	55	6	6	36	49

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Henrico County

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TAZ	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045
432	1,631	3,294	1,623	3,286	8	8	665	1,346	654	1,324	1,831	3,707	2,936	3,554	0	0	694	1,020	10	61	684	959
433	561	1,124	561	1,124	0	0	230	461	226	453	499	1,000	0	0	0	0	49	230	26	39	23	191
434	2,816	4,421	2,806	4,411	10	10	1,150	1,808	1,131	1,778	3,195	5,023	0	0	0	0	88	377	15	36	73	341
435	374	589	374	589	0	0	153	241	151	238	352	555	517	651	0	0	*	158	*	2	*	156
436	556	874	556	874	0	0	228	358	224	352	680	1,069	0	0	0	0	*	7	*	0	*	7
437	139	1,194	139	1,194	0	0	57	490	56	481	146	1,254	0	0	0	0	35	35	25	25	10	10
438	1,380	3,386	1,374	3,380	6	6	563	1,385	554	1,363	1,511	3,717	0	0	0	0	84	195	5	11	79	184
439	1,046	1,641	1,042	1,637	4	4	427	671	420	660	1,230	1,933	682	825	0	0	227	550	74	91	153	459
440	89	138	89	138	0	0	37	58	36	56	100	156	0	0	0	0	51	77	29	43	22	34
441	179	281	179	281	0	0	73	115	72	113	151	237	0	0	0	0	*	164	*	0	*	164
442	45	320	45	320	0	0	18	128	18	128	36	256	0	0	0	0	0	0	0	0	0	0
443	45	70	45	70	0	0	18	28	18	28	60	93	0	0	0	0	*	3	*	3	*	0
444	551	858	537	844	14	14	220	346	217	341	687	1,080	0	0	0	0	25	85	19	19	6	66
Total	335,283	430,222	328,396	423,335	6,887	6,887	135,623	176,854	132,421	170,715	279,241	362,935	57,860	74,880	11,490	12,329	191,240	238,938	45,877	51,987	145,363	186,951

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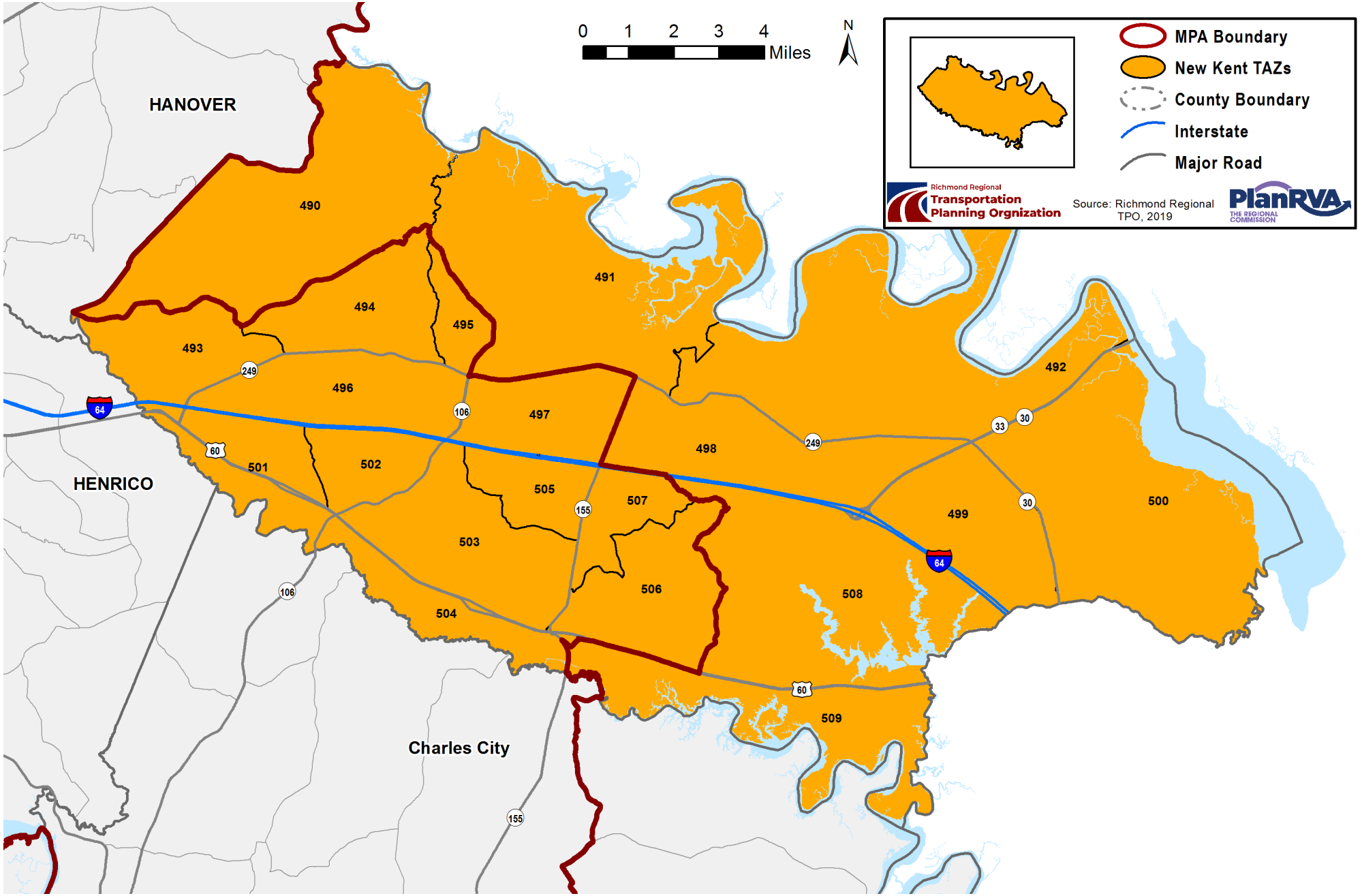
New Kent County Map



New Kent County

	Population						Housing						School Enrollment				Employment					
	Total		In Occupied Housing Units		In Group Quarters		Housing Units		Households		Automobiles		Grade K-12		Colleges		Total		Retail		Non-Retail	
TAZ	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045
490	1,420	2,415	1,393	2,380	27	35	564	964	538	919	1,525	2,605	0	0	0	0	38	48	1	1	37	47
491	765	1,270	679	1,160	86	110	274	468	262	448	662	1,132	2,627	4,805	0	0	*	343	*	27	*	316
492	925	1,581	925	1,581	0	0	374	639	357	610	925	1,581	0	0	0	0	497	497	3	3	494	494
493	1,114	1,903	1,114	1,903	0	0	451	770	430	735	1,233	2,108	0	0	0	0	102	125	18	18	84	107
494	1,414	2,416	1,414	2,416	0	0	572	977	546	933	1,616	2,761	0	0	0	0	60	76	2	2	58	74
495	75	128	75	128	0	0	30	51	29	49	80	135	0	0	0	0	83	96	35	35	48	61
496	1,704	2,911	1,704	2,911	0	0	689	1,177	658	1,124	1,717	2,933	709	1,297	0	0	305	439	130	167	175	272
497	611	1,044	611	1,044	0	0	247	422	236	403	586	1,001	0	0	0	0	*	69	*	0	*	69
498	824	1,408	824	1,408	0	0	333	569	318	543	955	1,631	0	0	100	310	678	1,001	47	48	631	953
499	484	827	484	827	0	0	196	335	187	320	500	856	0	0	0	0	110	138	7	7	103	131
500	1,968	3,208	1,474	2,518	494	690	596	1,018	569	972	1,488	2,542	0	0	0	0	288	350	60	60	228	290
501	2,295	3,921	2,295	3,921	0	0	928	1,585	886	1,514	2,734	4,672	0	0	0	0	472	622	300	366	172	256
502	1,458	2,491	1,458	2,491	0	0	590	1,008	563	962	1,350	2,307	0	0	0	0	56	70	4	4	52	66
503	686	1,172	686	1,172	0	0	278	475	265	453	668	1,142	0	0	0	0	137	1,156	68	283	69	873
504	225	385	225	385	0	0	91	156	87	149	275	471	0	0	0	0	180	216	46	46	134	170
505	78	133	78	133	0	0	31	53	30	51	77	131	0	0	0	0	57	60	47	47	10	13
506	1,792	3,062	1,792	3,062	0	0	725	1,239	692	1,182	1,866	3,187	0	0	0	0	194	221	93	93	101	128
507	764	1,305	764	1,305	0	0	309	528	295	504	721	1,232	0	0	0	0	68	86	0	0	68	86
508	919	1,570	919	1,570	0	0	372	636	355	606	1,005	1,716	0	0	0	0	126	160	0	0	126	160
509	1,826	3,120	1,826	3,120	0	0	739	1,263	705	1,205	1,885	3,222	0	0	0	0	175	206	60	60	115	146
Total	21,347	36,270	20,740	35,435	607	835	8,389	14,333	8,008	13,682	21,868	37,365	3,336	6,102	100	310	3,956	5,979	948	1,267	3,008	4,712

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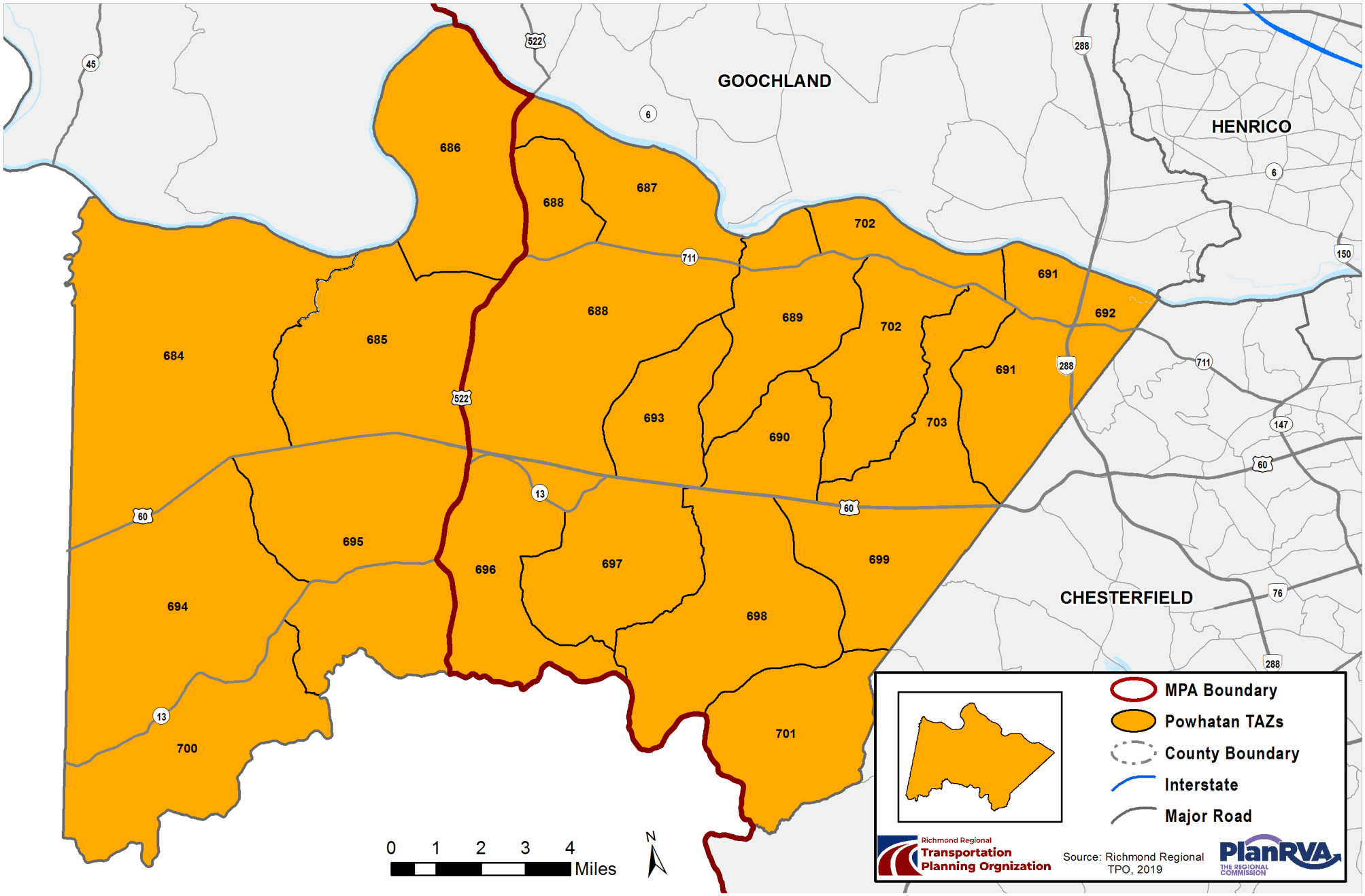
Powhatan County Map



Powhatan County

	Population						Housing						School Enrollment				Employment					
	Total		In Occupied Housing Units		In Group Quarters		Housing Units		Households		Automobiles		Grade K-12		Colleges		Total		Retail		Non-Retail	
TAZ	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045
684	1,230	1,744	1,230	1,744	0	0	499	708	473	671	1,323	1,876	0	0	0	0	38	46	7	8	31	38
685	1,555	2,191	1,555	2,191	0	0	631	889	598	843	1,695	2,389	924	1,201	0	0	290	359	3	4	287	355
686	460	630	460	630	0	0	187	256	177	242	470	643	0	0	0	0	*	114	*	5	*	109
687	2,385	2,539	416	570	1,969	1,969	169	232	160	219	492	673	0	0	0	0	7	9	0	0	7	9
688	2,647	3,959	2,647	3,959	0	0	1,075	1,608	1,018	1,523	3,076	4,602	338	777	0	0	776	922	349	394	427	528
689	1,607	2,200	1,607	2,200	0	0	652	893	618	846	1,758	2,407	0	0	0	0	117	140	51	58	66	82
690	1,079	1,477	1,079	1,477	0	0	438	600	415	568	1,056	1,445	0	0	0	0	249	291	160	181	89	110
691	676	1,134	676	1,134	0	0	274	460	260	436	747	1,253	0	0	0	0	*	55	*	1	*	54
692	619	1,393	619	1,393	0	0	251	565	238	536	614	1,383	0	0	0	0	349	507	141	195	208	312
693	2,047	2,802	2,044	2,799	3	3	830	1,137	786	1,076	2,226	3,047	0	0	0	0	168	206	16	18	152	188
694	1,035	1,789	1,035	1,789	0	0	420	726	398	688	1,127	1,948	0	0	0	0	18	22	0	0	18	22
695	1,188	1,627	1,188	1,627	0	0	483	661	457	626	1,226	1,679	0	0	0	0	103	124	33	37	70	87
696	1,720	2,570	1,695	2,545	25	25	688	1,033	652	979	1,644	2,469	1,219	1,584	0	0	919	1,119	172	194	747	925
697	2,075	2,841	2,075	2,841	0	0	842	1,153	798	1,093	2,375	3,253	0	0	0	0	98	120	10	11	88	109
698	2,584	3,538	2,584	3,538	0	0	1,049	1,436	994	1,361	2,914	3,990	0	0	0	0	211	260	14	16	197	244
699	1,698	2,473	1,698	2,473	0	0	689	1,003	653	951	1,844	2,686	0	0	0	0	1,141	1,397	140	158	1,001	1,239
700	650	890	650	890	0	0	264	361	250	342	638	873	0	0	0	0	25	30	8	9	17	21
701	1,269	1,738	1,269	1,738	0	0	515	705	488	668	1,433	1,962	0	0	0	0	*	183	*	0	*	183
702	1,843	2,645	1,843	2,645	0	0	749	1,075	709	1,018	2,015	2,893	0	0	0	0	63	77	2	2	61	75
703	780	1,068	780	1,068	0	0	317	434	300	411	893	1,223	2,154	2,800	0	0	1,235	1,547	466	552	769	995
Total	29,147	41,248	27,150	39,251	1,997	1,997	11,022	15,935	10,442	15,097	29,566	42,694	4,635	6,362	0	0	6,092	7,528	1,577	1,843	4,515	5,685

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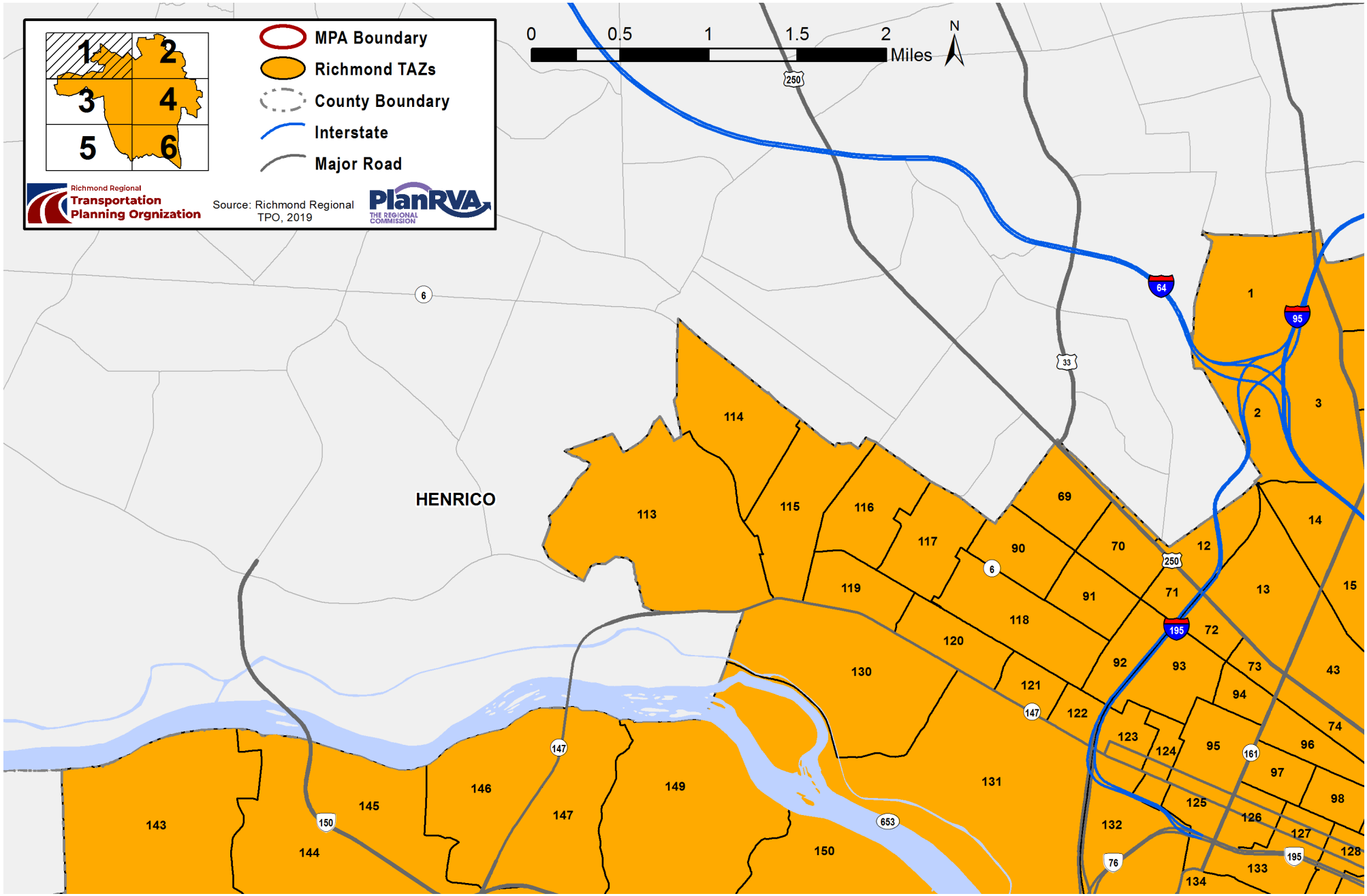
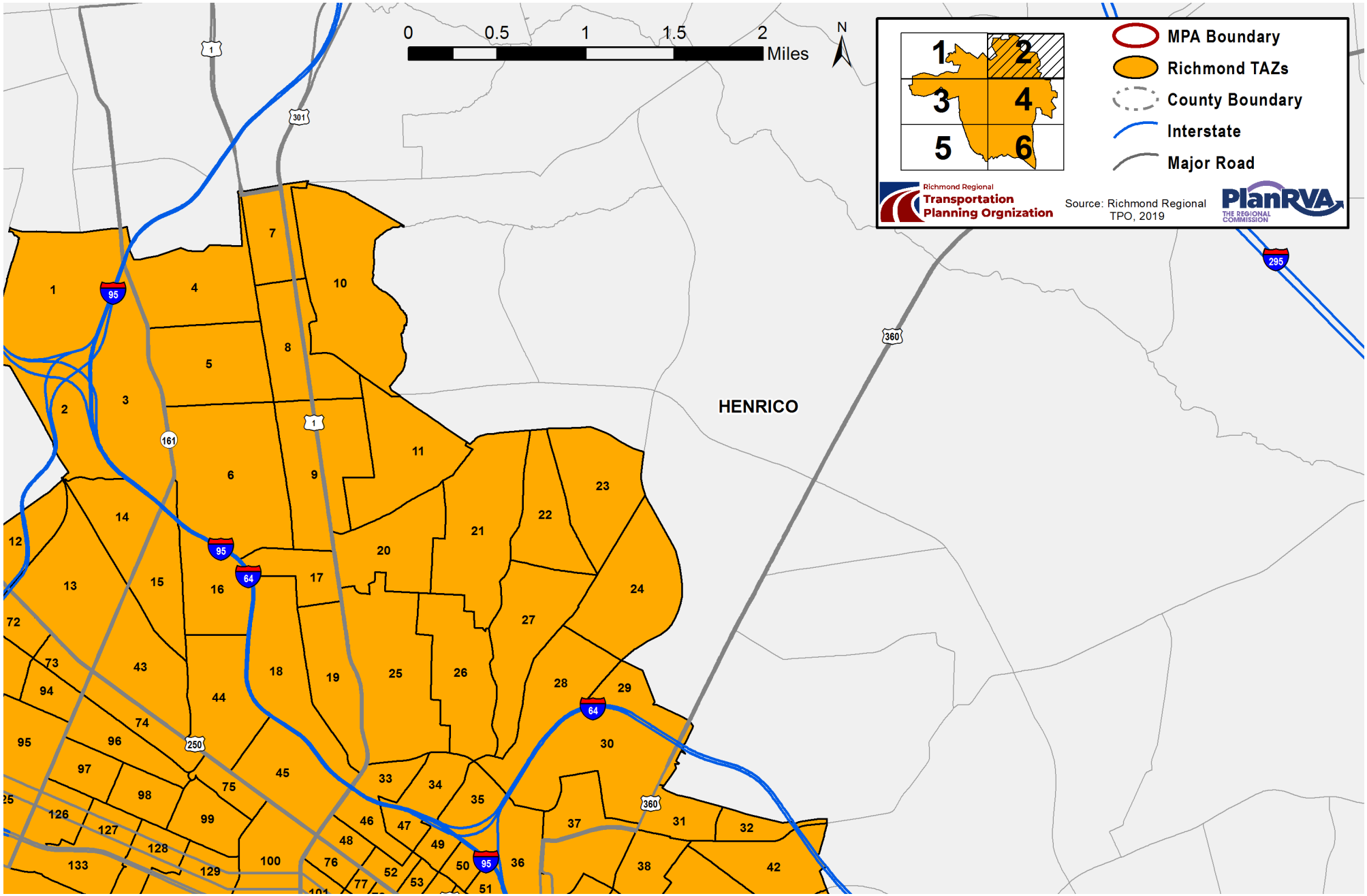
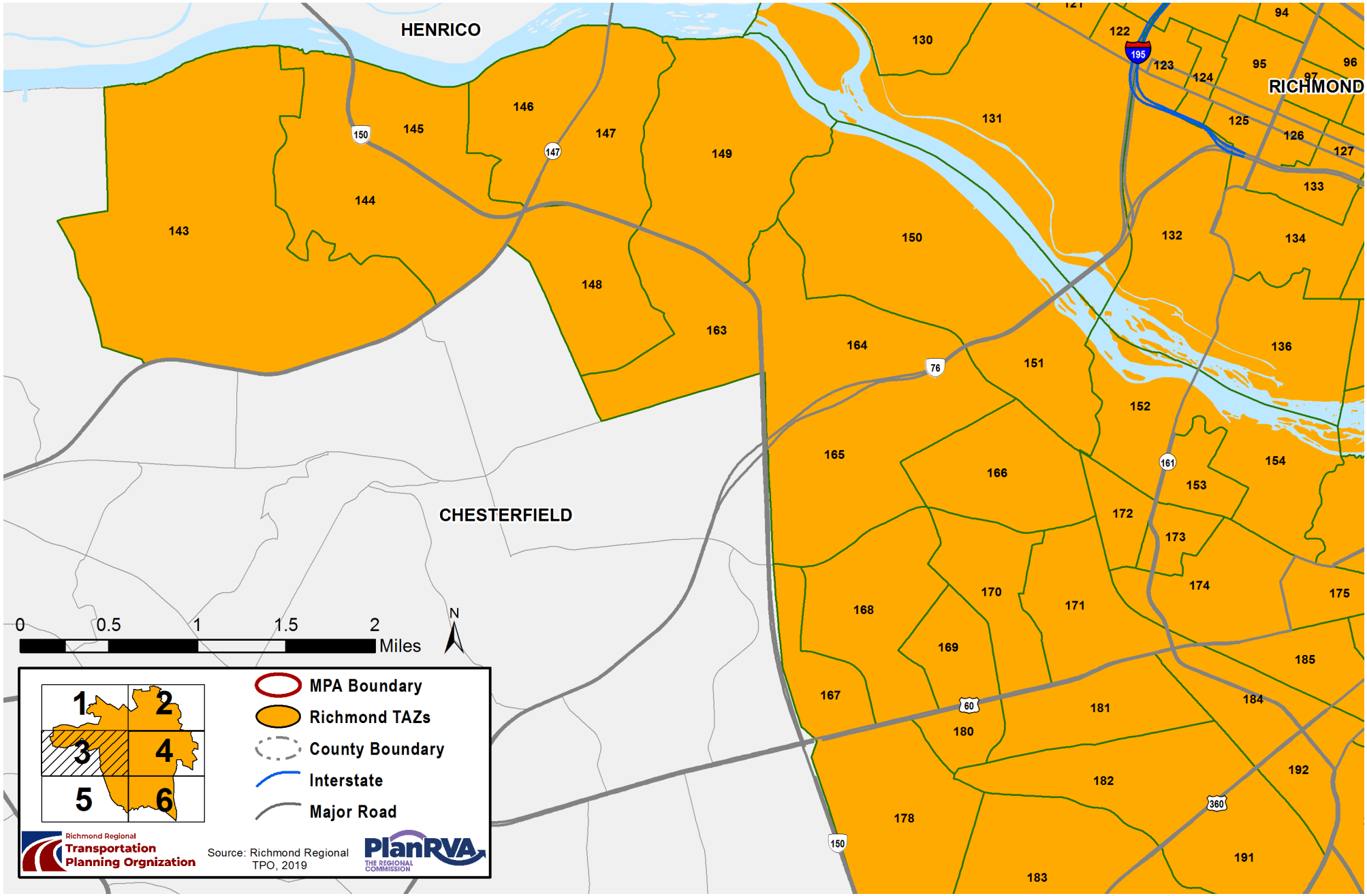
City of Richmond Map 1



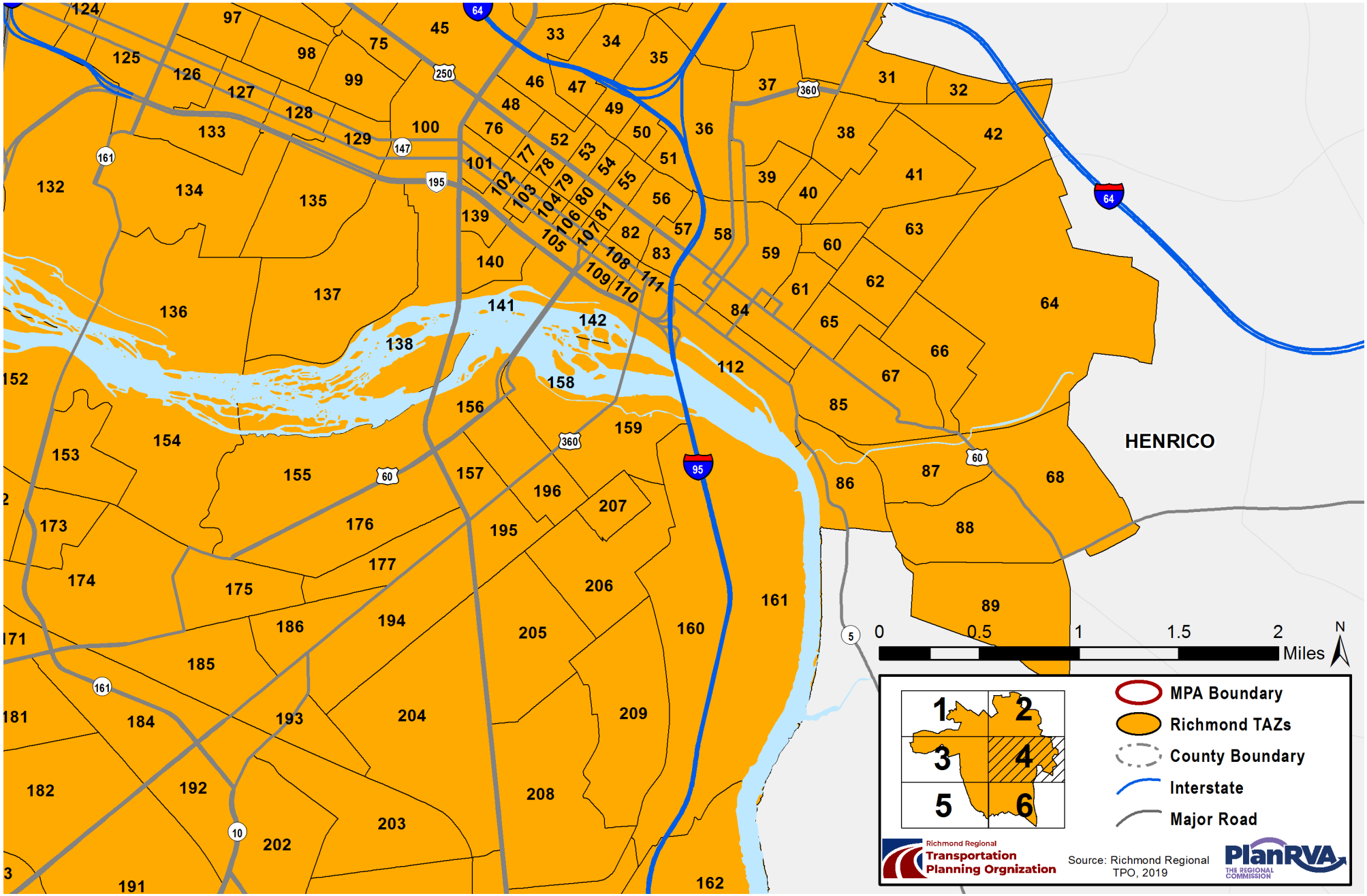
City of Richmond Map 2



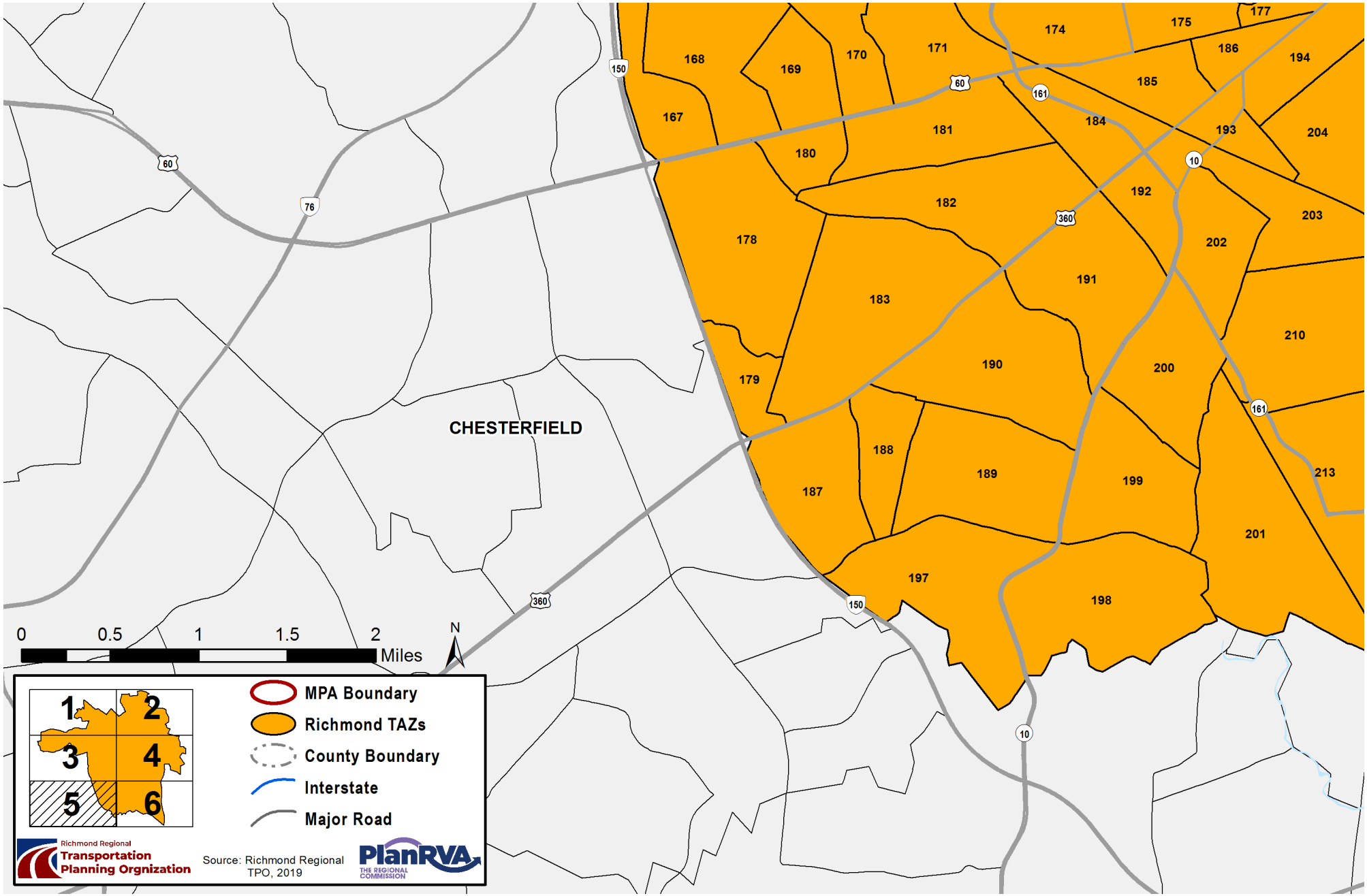
City of Richmond Map 3



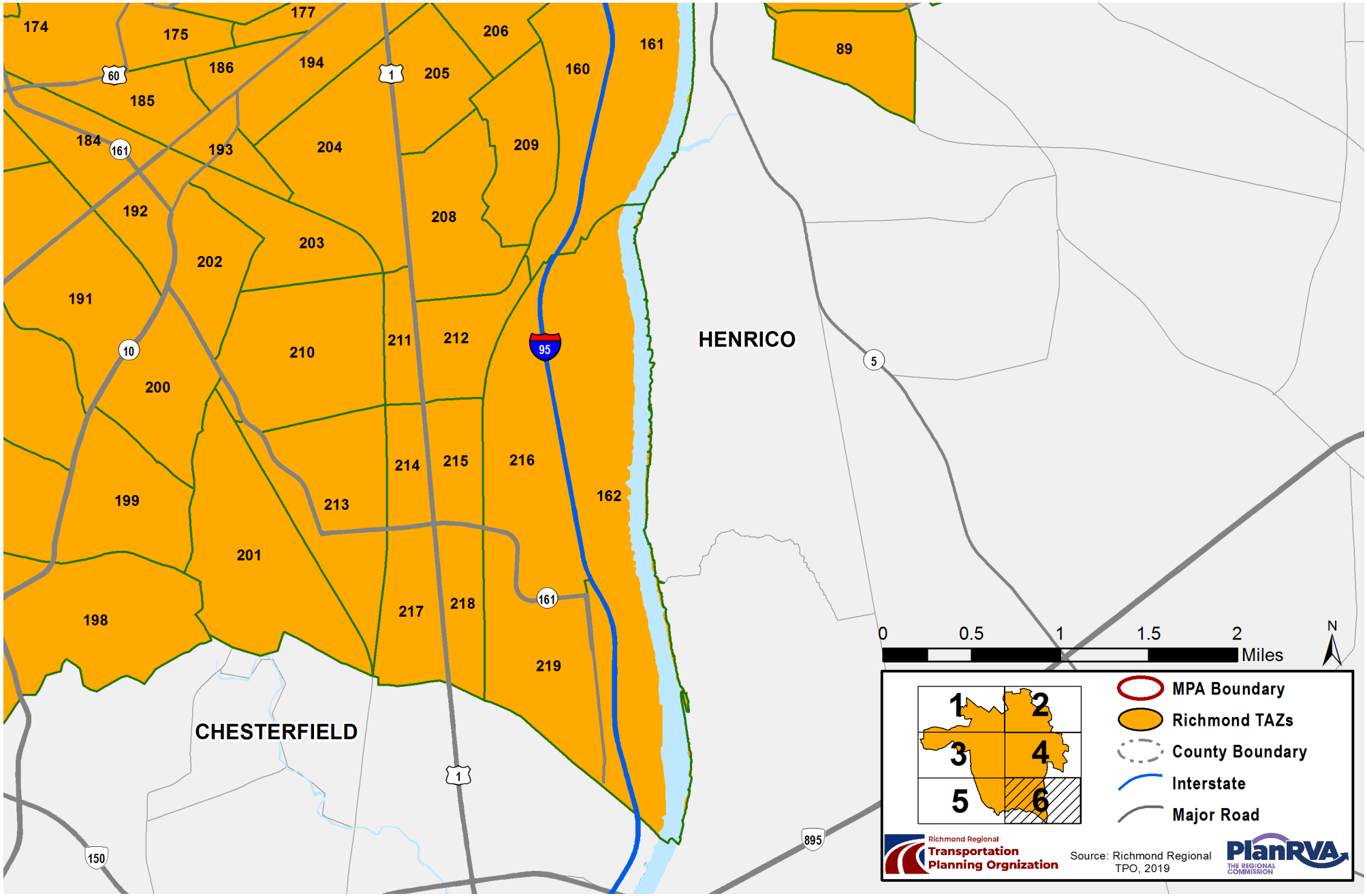
City of Richmond Map 4



City of Richmond Map 5



City of Richmond Map 6



City of Richmond

	Population						Housing						School Enrollment				Employment					
	Total		In Occupied Housing Units		In Group Quarters		Housing Units		Households		Automobiles		Grade K-12		Colleges		Total		Retail		Non-Retail	
TAZ	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045
1	10	16	10	16	0	0	5	8	4	6	0	0	0	0	0	0	66	91	0	0	66	91
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,074	1,084	35	35	1,039	1,049
3	3,020	3,211	2,774	2,965	246	246	1,332	1,424	1,176	1,257	1,023	1,093	0	0	0	0	648	653	163	163	485	490
4	962	1,028	962	1,028	0	0	462	494	408	436	1,078	1,152	153	357	0	0	705	712	14	14	691	698
5	1,670	1,786	1,670	1,786	0	0	802	858	708	757	1,242	1,328	649	864	0	0	255	256	158	158	97	98
6	1,516	2,239	1,388	2,111	128	128	666	1,013	588	894	887	1,349	0	0	87	150	390	394	13	13	377	381
7	1,279	1,367	1,279	1,367	0	0	614	656	542	579	639	683	0	0	0	0	161	161	135	135	26	26
8	1,772	1,892	1,745	1,865	27	27	838	896	740	791	677	724	314	418	0	0	187	189	0	0	187	189
9	2,267	2,409	2,060	2,202	207	207	989	1,057	873	933	1,027	1,098	165	385	0	0	139	140	43	43	96	97
10	1,277	1,365	1,277	1,365	0	0	613	655	541	578	753	805	1,087	1447	0	0	291	293	50	50	241	243
11	1,510	1,614	1,510	1,614	0	0	725	775	640	684	1,038	1,109	0	0	0	0	*	2	*	1	*	1
12	438	467	416	445	22	22	237	254	224	240	118	126	113	263	0	0	857	865	21	21	836	844
13	1,819	3,780	1,815	3,776	4	4	1,015	2,112	959	1,995	728	1,515	0	0	0	0	3,111	3,211	759	835	2,352	2,376
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,485	1,499	74	74	1,411	1,425
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	882	1,209	28	28	854	1,181
16	71	168	0	97	71	71	0	50	0	46	0	28	0	0	0	0	2,155	2,174	243	243	1,912	1,931
17	402	427	356	381	46	46	171	183	151	162	237	254	0	0	0	0	894	902	45	45	849	857
18	1,130	1,577	448	895	682	682	215	430	190	380	257	513	76	177	1,662	1,662	1,466	1,480	89	89	1,377	1,391
19	691	1,205	592	1,106	99	99	281	525	248	463	293	547	0	0	0	0	707	713	127	127	580	586
20	1,649	1,758	1,579	1,688	70	70	758	810	669	715	1,225	1,310	424	664	0	0	114	120	32	32	82	88
21	2,338	2,499	2,334	2,495	4	4	1,120	1,197	989	1,057	1,588	1,698	258	365	0	0	147	148	41	41	106	107
22	1,457	1,715	1,457	1,715	0	0	700	824	618	727	923	1,086	0	0	0	0	129	130	10	10	119	120
23	1,768	1,889	1,760	1,881	8	8	845	903	746	797	1,157	1,237	0	0	0	0	63	63	42	42	21	21
24	1,548	1,775	1,429	1,656	119	119	687	796	607	703	864	1,001	90	210	0	0	196	266	14	14	182	252
25	2,008	3,224	2,002	3,218	6	6	953	1,532	841	1,352	987	1,586	0	0	0	0	538	670	192	192	346	478
26	1,541	1,647	1,541	1,647	0	0	739	790	653	698	1,000	1,069	0	0	0	0	76	77	0	0	76	77
27	1,169	1,249	1,169	1,249	0	0	548	586	484	517	549	587	367	489	0	0	*	92	*	0	*	92
28	1,279	1,367	1,279	1,367	0	0	614	656	542	579	746	797	0	0	0	0	60	61	4	4	56	57

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City of Richmond

	Population						Housing				Automobiles		School Enrollment				Employment					
	Total		In Occupied Housing Units		In Group Quarters		Housing Units		Households				Grade K-12		Colleges		Total		Retail		Non-Retail	
TAZ	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	420	423	71	71	349	352
30	1,363	1,889	1,363	1,889	0	0	655	908	578	801	497	689	0	0	0	0	66	87	11	11	55	76
31	774	828	770	824	4	4	370	396	327	350	366	392	0	0	0	0	15	15	14	14	1	1
32	846	904	846	904	0	0	406	434	358	383	253	270	472	628	0	0	*	36	*	0	*	36
33	830	887	829	886	1	1	398	425	351	375	186	199	0	0	0	0	35	35	5	5	30	30
34	1,294	1,817	1,196	1,719	98	98	574	825	507	729	267	384	311	414	0	0	109	149	4	4	105	145
35	433	696	433	696	0	0	208	334	184	296	43	69	0	0	0	0	*	152	*	0	*	152
36	23	23	0	0	23	23	0	0	0	0	0	0	0	0	0	0	145	177	62	62	83	115
37	3,206	3,326	1,730	1,850	1,476	1,476	830	888	733	784	544	582	0	0	0	0	170	170	122	122	48	48
38	980	1,047	980	1,047	0	0	471	503	416	444	365	390	0	0	0	0	*	6	*	0	*	6
39	100	107	100	107	0	0	48	51	42	45	23	25	611	813	0	0	166	168	0	0	166	168
40	394	421	394	421	0	0	189	202	167	178	158	169	0	0	0	0	*	7	*	7	*	0
41	1,310	1,488	1,310	1,488	0	0	629	714	555	630	806	916	0	0	0	0	111	212	42	142	69	70
42	1,554	1,661	1,554	1,661	0	0	747	798	660	705	608	650	393	523	0	0	154	155	11	11	143	144
43	496	919	496	919	0	0	278	515	263	487	202	374	0	0	0	0	2,797	2,836	360	375	2,437	2,461
44	511	547	511	547	0	0	291	312	275	294	286	306	0	0	0	0	1,261	1,272	191	191	1,070	1,081
45	3,155	3,334	2,603	2,782	552	552	1,351	1,444	1,277	1,365	680	727	484	644	0	0	498	500	318	318	180	182
46	489	522	489	522	0	0	344	367	326	348	279	298	983	1308	0	0	138	139	5	5	133	134
47	360	718	349	707	11	11	216	438	205	415	163	330	0	0	0	0	24	35	14	21	10	14
48	624	667	624	667	0	0	438	468	415	444	307	328	0	0	0	0	707	713	112	112	595	601
49	29	198	29	198	0	0	15	102	14	96	10	68	0	0	0	0	528	737	0	7	528	730
50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	919	928	30	30	889	898
51	208	208	0	0	208	208	0	0	0	0	0	0	0	0	0	0	150	151	8	8	142	143
52	321	586	321	586	0	0	221	403	209	382	141	257	0	0	0	0	400	407	213	218	187	189
53	58	62	58	62	0	0	37	40	35	37	12	13	0	0	0	0	*	604	*	51	*	553
54	6	6	0	0	6	6	0	0	0	0	0	0	0	0	0	0	2,368	6,889	312	720	2,056	6,169
55	55	2,697	0	2,642	55	55	0	1,357	0	1,256	0	773	0	0	0	0	962	5,471	41	450	921	5,021
56	0	2,642	0	2,642	0	0	0	1,357	0	1,256	0	773	0	0	4,148	4,148	12,877	13,004	169	169	12,708	12,835
57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,767	1,783	203	203	1,564	1,580

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City of Richmond

	Population						Housing						School Enrollment				Employment					
	Total		In Occupied Housing Units		In Group Quarters		Housing Units		Households		Automobiles		Grade K-12		Colleges		Total		Retail		Non-Retail	
TAZ	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045
58	222	357	222	357	0	0	156	251	148	238	191	307	0	0	0	0	164	221	14	14	150	207
59	1,610	1,721	1,610	1,721	0	0	1,125	1,203	1,065	1,138	742	793	139	324	0	0	126	127	56	56	70	71
60	636	1,020	632	1,016	4	4	307	494	271	436	191	307	0	0	0	0	37	39	31	31	6	8
61	584	624	584	624	0	0	394	421	373	399	476	509	0	0	0	0	118	118	90	90	28	28
62	669	715	669	715	0	0	324	346	286	306	427	456	923	1228	0	0	241	243	4	4	237	239
63	924	1,241	924	1,241	0	0	451	606	398	535	519	697	0	0	0	0	*	1,133	*	33	*	1,100
64	2,186	2,870	2,186	2,870	0	0	1,049	1,377	926	1,216	1,141	1,498	0	0	0	0	14	14	6	6	8	8
65	859	918	859	918	0	0	598	639	566	605	692	740	0	0	0	0	85	85	66	66	19	19
66	1,343	1,427	1,223	1,307	120	120	587	627	518	554	653	698	367	488	0	0	*	73	*	4	*	69
67	1,211	1,295	1,211	1,295	0	0	585	626	517	553	840	898	419	558	0	0	100	101	27	27	73	74
68	1,539	1,645	1,533	1,639	6	6	736	787	650	695	945	1,010	0	0	0	0	56	56	28	28	28	28
69	777	831	777	831	0	0	395	422	378	404	503	538	0	0	0	0	931	936	414	414	517	522
70	566	605	566	605	0	0	288	308	276	295	436	466	734	977	0	0	795	802	106	106	689	696
71	289	308	289	308	0	0	153	163	146	156	113	120	0	0	0	0	*	1,018	*	81	*	937
72	595	636	595	636	0	0	339	362	320	342	338	361	0	0	0	0	587	592	61	61	526	531
73	699	747	699	747	0	0	398	425	376	402	240	256	0	0	0	0	111	112	26	26	85	86
74	1,757	1,877	1,738	1,858	19	19	990	1,058	936	1,001	591	632	80	186	0	0	678	681	339	339	339	342
75	2,699	3,037	2,204	2,542	495	495	1,256	1,449	1,187	1,369	352	406	0	0	0	0	225	226	165	165	60	61
76	1,448	1,540	1,335	1,427	113	113	937	1,002	887	948	295	315	90	210	0	0	756	759	492	492	264	267
77	314	332	263	281	51	51	185	198	175	187	61	65	0	0	0	0	575	579	214	214	361	365
78	572	612	572	612	0	0	438	469	415	444	160	171	0	0	0	0	231	232	84	84	147	148
79	161	172	161	172	0	0	118	126	112	120	49	52	0	0	0	0	563	569	181	183	382	386
80	401	429	401	429	0	0	282	302	267	286	189	202	0	0	0	0	346	347	202	202	144	145
81	167	167	1	1	166	166	1	1	1	1	0	0	0	0	0	0	5,498	5,552	70	70	5,428	5,482
82	1	1	1	1	0	0	1	1	1	1	1	1	0	0	0	0	1,554	1,569	13	13	1,541	1,556
83	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,584	2,609	105	105	2,479	2,504
84	1,119	1,195	1,108	1,184	11	11	786	840	744	795	681	728	280	373	0	0	489	492	163	163	326	329
85	583	623	583	623	0	0	280	299	247	264	390	417	0	0	0	0	29	29	21	21	8	8
86	2	3	2	3	0	0	1	2	1	2	2	3	0	0	0	0	271	326	127	127	144	199

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City of Richmond

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TAZ	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045
87	250	402	250	402	0	0	120	193	106	170	207	333	0	0	0	0	0	0	0	0	0	0
88	1,020	1,339	1,009	1,328	11	11	480	632	424	558	808	1,063	0	0	0	0	21	28	3	3	18	25
89	1,433	1,532	1,433	1,532	0	0	688	736	608	650	1,001	1,070	0	0	0	0	177	179	6	6	171	173
90	851	910	851	910	0	0	433	463	414	443	592	633	0	0	0	0	8	8	3	3	5	5
91	647	691	647	691	0	0	329	351	315	336	622	664	0	0	0	0	*	79	*	67	*	12
92	1,213	1,436	1,213	1,436	0	0	617	730	590	698	684	810	120	280	0	0	104	105	39	39	65	66
93	2,154	2,394	2,117	2,357	37	37	1,199	1,335	1,133	1,261	1,239	1,379	484	644	0	0	189	190	40	40	149	150
94	1,375	1,470	1,375	1,470	0	0	783	837	740	791	697	745	0	0	0	0	200	200	155	155	45	45
95	1,704	1,821	1,704	1,821	0	0	971	1,038	918	981	1,114	1,190	670	1142	0	0	959	967	126	126	833	841
96	1,801	1,925	1,801	1,925	0	0	1,026	1,097	970	1,037	959	1,025	0	0	0	0	281	282	194	194	87	88
97	1,467	1,566	1,448	1,547	19	19	825	881	780	833	824	880	511	680	0	0	199	200	79	79	120	121
98	1,212	1,295	1,208	1,291	4	4	688	735	650	695	919	982	0	0	0	0	128	128	79	79	49	49
99	2,073	2,216	2,073	2,216	0	0	1,180	1,261	1,115	1,192	1,155	1,235	50	117	0	0	411	414	113	113	298	301
100	6,081	7,362	1,454	1,735	4,627	5,627	810	967	765	913	246	294	0	0	26,888	26,888	*	12,067	*	1,070	*	10,997
101	726	751	352	377	374	374	248	266	235	252	82	88	0	0	0	0	511	512	448	448	63	64
102	870	929	850	909	20	20	598	640	566	605	186	199	0	0	0	0	502	507	29	29	473	478
103	108	115	108	115	0	0	82	87	78	83	49	52	0	0	0	0	480	484	93	93	387	391
104	180	192	180	192	0	0	138	147	131	140	51	54	0	0	0	0	752	759	60	60	692	699
105	1	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1,195	3,132	139	139	1,056	2,993
106	150	153	38	41	112	112	28	30	27	29	31	33	0	0	0	0	1,061	1,071	109	109	952	962
107	461	493	461	493	0	0	351	375	332	355	179	191	0	0	0	0	1,782	1,797	279	279	1,503	1,518
108	118	126	118	126	0	0	83	89	79	84	46	49	0	0	0	0	3,839	3,874	344	344	3,495	3,530
109	0	416	0	416	0	0	0	214	0	198	0	122	0	0	0	0	3,845	3,894	300	314	3,545	3,580
110	113	121	113	121	0	0	81	87	77	82	44	47	0	0	0	0	1,123	1,131	363	363	760	768
111	456	488	456	488	0	0	337	361	319	341	147	157	0	0	4,938	4,938	1,978	1,995	240	240	1,738	1,755
112	3,025	3,537	3,025	3,537	0	0	2,152	2,516	2,038	2,383	1,531	1,790	0	0	0	0	1,782	1,802	649	658	1,133	1,144
113	3,203	3,235	454	486	2,749	2,749	231	247	221	237	578	619	0	0	4,023	4,023	2,412	2,436	61	61	2,351	2,375
114	1,287	1,375	1,287	1,375	0	0	654	699	626	669	957	1,022	0	0	0	0	689	693	335	335	354	358
115	808	863	808	863	0	0	412	440	394	421	611	653	2,605	3933	0	0	769	771	520	520	249	251

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City of Richmond

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TAZ	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045
116	982	1,050	982	1,050	0	0	497	531	476	509	824	881	0	0	0	0	839	843	407	407	432	436
117	726	776	726	776	0	0	369	394	353	377	621	664	0	0	0	0	77	78	16	16	61	62
118	1,685	1,801	1,685	1,801	0	0	857	916	820	876	1,044	1,116	0	0	0	0	54	54	14	14	40	40
119	486	519	486	519	0	0	247	264	236	252	543	580	0	0	0	0	156	156	125	125	31	31
120	686	733	686	733	0	0	349	373	334	357	561	599	501	667	0	0	88	89	14	14	74	75
121	497	531	497	531	0	0	253	270	242	259	279	298	0	0	0	0	39	39	0	0	39	39
122	623	666	623	666	0	0	317	339	303	324	308	329	0	0	0	0	97	98	0	0	97	98
123	646	690	646	690	0	0	368	393	348	372	447	477	0	0	0	0	1,379	1,382	1,120	1,120	259	262
124	904	966	904	966	0	0	515	550	487	520	568	607	0	0	0	0	480	482	238	238	242	244
125	985	1,052	980	1,047	5	5	558	596	527	563	498	532	0	0	0	0	1,002	1,003	871	871	131	132
126	2,010	2,148	1,997	2,135	13	13	1,049	1,121	991	1,059	678	725	0	0	0	0	745	749	315	315	430	434
127	1,082	1,156	1,082	1,156	0	0	609	651	576	615	565	604	0	0	0	0	276	277	186	186	90	91
128	685	732	685	732	0	0	376	402	355	379	314	336	417	555	0	0	595	598	320	320	275	278
129	736	787	736	787	0	0	404	432	382	408	218	233	0	0	0	0	610	612	429	429	181	183
130	864	923	864	923	0	0	438	468	419	448	880	940	0	0	0	0	29	29	4	4	25	25
131	1,081	1,155	1,081	1,155	0	0	549	587	525	561	1,246	1,331	0	0	0	0	117	118	27	27	90	91
132	1,150	1,949	1,150	1,949	0	0	655	1,110	619	1,049	1,212	2,054	264	351	0	0	*	133	*	4	*	129
133	930	995	930	995	0	0	529	566	500	535	529	566	0	0	0	0	61	61	15	15	46	46
134	1,125	1,194	995	1,064	130	130	567	606	536	573	720	770	44	59	0	0	*	289	*	0	*	289
135	1,723	1,842	1,723	1,842	0	0	976	1,043	922	986	1,100	1,176	0	0	0	0	11	11	6	6	5	5
136	860	919	855	914	5	5	486	520	459	491	632	676	0	0	0	0	*	98	*	0	*	98
137	65	69	65	69	0	0	35	37	33	35	21	22	0	0	0	0	94	95	17	17	77	78
138	1,078	1,152	1,074	1,148	4	4	600	641	567	606	619	662	265	437	0	0	534	539	28	28	506	511
139	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	202	*	0	*	202
140	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	834	842	11	11	823	831
141	20	20	0	0	20	20	0	0	0	0	0	0	0	0	0	0	2,706	2,733	52	52	2,654	2,681
142	602	643	602	643	0	0	446	476	422	451	304	325	0	0	0	0	1,834	1,851	105	105	1,729	1,746
143	3,183	3,517	3,172	3,506	11	11	1,613	1,783	1,544	1,707	2,956	3,267	808	1569	0	0	810	816	165	165	645	651
144	1,764	2,835	1,764	2,835	0	0	862	1,385	825	1,326	949	1,525	152	354	0	0	1,241	1,434	737	737	504	697

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City of Richmond

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TAZ	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045
145	186	816	186	816	0	0	95	417	91	399	238	1,044	0	0	0	0	1,755	2,426	1	1	1,754	2,425
146	637	681	637	681	0	0	324	346	310	331	633	677	0	0	0	0	28	28	11	11	17	17
147	617	660	617	660	0	0	313	335	300	321	620	663	0	0	0	0	*	31	*	0	*	31
148	1,088	1,162	1,072	1,146	16	16	545	583	522	558	806	862	0	0	0	0	179	181	0	0	179	181
149	1,403	1,499	1,398	1,494	5	5	711	760	680	727	1,413	1,510	443	590	0	0	61	62	0	0	61	62
150	1,591	2,053	1,585	2,047	6	6	806	1,041	771	996	1,392	1,798	0	0	0	0	713	895	238	238	475	657
151	747	798	741	792	6	6	349	373	322	344	689	736	0	0	0	0	27	27	0	0	27	27
152	930	994	928	992	2	2	437	467	403	431	794	849	0	0	0	0	116	116	82	82	34	34
153	903	952	714	763	189	189	336	359	310	331	533	570	0	0	0	0	233	235	21	21	212	214
154	682	729	682	729	0	0	321	343	296	316	573	612	91	212	0	0	52	52	5	5	47	47
155	2,071	2,214	2,071	2,214	0	0	982	1,050	906	969	1,242	1,328	327	435	0	0	140	141	13	13	127	128
156	1,646	1,753	1,604	1,711	42	42	920	981	871	929	755	805	26	61	0	0	3,242	4,463	51	51	3,191	4,412
157	480	619	480	619	0	0	225	290	208	268	256	330	0	0	0	0	257	260	50	51	207	209
158	1,144	3,117	1,137	3,110	7	7	629	1,720	596	1,630	282	771	0	0	0	0	699	1,275	48	375	651	900
159	2,085	2,351	2,085	2,351	0	0	1,251	1,411	1,185	1,336	741	836	0	0	0	0	621	824	90	90	531	734
160	2	2	2	2	0	0	1	1	1	1	1	1	0	0	0	0	567	572	46	46	521	526
161	2	2	0	0	2	2	0	0	0	0	0	0	0	0	0	0	58	80	0	0	58	80
162	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	638	857	65	65	573	792
163	2,031	2,159	1,852	1,980	179	179	942	1,007	901	963	1,209	1,293	1,349	1796	0	0	1,050	1,053	704	704	346	349
164	639	1,027	639	1,027	0	0	325	522	311	500	517	831	0	0	0	0	911	1,041	570	570	341	471
165	2,467	3,965	2,467	3,965	0	0	1,162	1,868	1,073	1,725	1,593	2,560	755	1005	0	0	132	180	7	7	125	173
166	3,102	3,315	3,093	3,306	9	9	1,463	1,564	1,350	1,443	2,008	2,146	0	0	0	0	189	191	27	27	162	164
167	1,018	1,535	852	1,369	166	166	401	644	370	595	208	334	0	0	0	0	3,236	4,411	165	165	3,071	4,246
168	4,892	6,362	4,892	6,362	0	0	2,303	2,995	2,126	2,765	1,745	2,269	82	191	0	0	577	738	157	157	420	581
169	631	675	631	675	0	0	297	318	274	293	602	644	0	0	0	0	200	202	10	10	190	192
170	1,721	2,765	1,721	2,765	0	0	810	1,301	748	1,202	1,173	1,885	1,585	2639	0	0	1,209	1,651	55	55	1,154	1,596
171	1,209	1,292	1,209	1,292	0	0	569	608	525	561	1,096	1,171	0	0	0	0	144	145	50	50	94	95
172	520	556	520	556	0	0	245	262	226	242	384	411	446	594	0	0	106	107	32	32	74	75
173	546	583	546	583	0	0	257	274	237	253	413	441	130	303	0	0	114	114	67	67	47	47

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TAZ	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045
174	3,469	5,575	3,469	5,575	0	0	1,633	2,624	1,507	2,422	1,554	2,497	1,180	1571	0	0	*	229	*	2	*	227
175	1,186	1,266	1,168	1,248	18	18	550	588	508	543	816	872	0	0	0	0	30	30	18	18	12	12
176	1,192	1,273	1,182	1,263	10	10	557	595	514	549	818	874	0	0	0	0	112	113	34	34	78	79
177	851	908	822	879	29	29	387	414	357	382	340	364	0	0	0	0	127	128	34	34	93	94
178	1,124	1,806	1,124	1,806	0	0	528	848	487	782	1,248	2,005	100	233	0	0	161	202	54	54	107	148
179	1,438	1,537	1,438	1,537	0	0	677	724	625	668	1,256	1,342	0	0	0	0	96	96	59	59	37	37
180	120	143	120	143	0	0	40	48	37	44	33	39	0	0	0	0	1,039	1,423	35	35	1,004	1,388
181	479	540	479	540	0	0	226	255	209	236	485	547	0	0	0	0	613	803	117	117	496	686
182	2,159	2,308	2,155	2,304	4	4	1,014	1,084	936	1,001	1,777	1,900	0	0	0	0	49	49	40	40	9	9
183	2,071	3,325	2,066	3,320	5	5	968	1,556	893	1,435	1,651	2,653	1,498	1994	0	0	286	340	146	146	140	194
184	147	157	146	156	1	1	69	74	64	68	147	157	0	0	0	0	1,321	1,330	373	373	948	957
185	1,502	1,605	1,502	1,605	0	0	707	755	653	698	788	842	54	126	0	0	20	20	15	15	5	5
186	652	697	652	697	0	0	307	328	283	303	455	486	274	365	0	0	80	81	10	10	70	71
187	1,052	2,291	1,052	2,291	0	0	495	1,078	457	995	981	2,136	0	0	0	0	65	68	56	56	9	12
188	1,033	1,104	1,033	1,104	0	0	486	519	449	480	687	734	0	0	0	0	9	9	0	0	9	9
189	1,427	2,494	1,427	2,494	0	0	672	1,174	620	1,084	1,236	2,160	563	749	0	0	113	146	27	27	86	119
190	2,402	3,860	2,402	3,860	0	0	1,119	1,798	1,033	1,660	2,022	3,249	120	180	0	0	100	125	34	34	66	91
191	3,777	5,559	3,759	5,541	18	18	1,756	2,588	1,621	2,389	3,308	4,876	641	853	0	0	107	142	15	15	92	127
192	765	817	765	817	0	0	360	384	332	355	682	728	0	0	0	0	196	197	57	57	139	140
193	1,113	1,190	1,113	1,190	0	0	524	560	484	517	530	567	0	0	0	0	113	114	16	16	97	98
194	594	634	578	618	16	16	272	291	251	268	364	389	0	0	0	0	395	399	29	29	366	370
195	714	814	714	814	0	0	337	384	311	355	437	498	441	587	0	0	299	302	23	23	276	279
196	653	749	653	749	0	0	309	354	285	327	335	384	0	0	0	0	*	51	*	43	*	8
197	776	1,745	772	1,741	4	4	350	789	323	728	817	1,842	0	0	0	0	28	39	0	0	28	39
198	1,251	2,336	1,245	2,330	6	6	586	1,097	541	1,012	1,266	2,369	0	0	0	0	104	105	51	51	53	54
199	1,096	1,172	1,096	1,172	0	0	515	551	475	508	1,285	1,374	1,642	2186	0	0	289	291	129	129	160	162
200	1,117	2,095	1,117	2,095	0	0	525	985	485	910	929	1,742	0	0	0	0	322	443	6	6	316	437
201	2,088	3,153	2,084	3,149	4	4	976	1,475	901	1,361	2,017	3,048	0	0	0	0	34	47	0	0	34	47
202	885	1,429	644	1,188	241	241	303	559	280	517	339	625	0	0	0	0	3,175	3,206	93	93	3,082	3,113

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City of Richmond

	Population						Housing						School Enrollment				Employment					
	Total		In Occupied Housing Units		In Group Quarters		Housing Units		Households		Automobiles		Grade K-12		Colleges		Total		Retail		Non-Retail	
TAZ	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045	2017	2045
203	852	1,061	852	1,061	0	0	401	499	370	461	695	865	0	0	0	0	502	504	283	283	219	221
204	4	614	4	614	0	0	2	315	2	292	3	180	0	0	0	0	638	930	22	78	616	852
205	1,927	2,161	1,927	2,161	0	0	903	1,013	833	934	1,188	1,332	719	957	0	0	169	170	23	23	146	147
206	565	593	406	434	159	159	191	204	176	188	77	82	0	0	0	0	385	459	20	90	365	369
207	4	4	2	2	2	2	1	1	1	1	0	0	0	0	0	0	238	240	40	40	198	200
208	2,309	2,465	2,262	2,418	47	47	1,062	1,135	980	1,048	1,436	1,535	0	0	0	0	123	124	63	63	60	61
209	1,327	1,418	1,327	1,418	0	0	625	668	577	617	492	526	0	0	0	0	680	686	97	97	583	589
210	1,124	1,806	1,124	1,806	0	0	529	850	488	784	623	1,001	0	0	0	0	1,090	1,507	0	0	1,090	1,507
211	231	247	231	247	0	0	109	117	101	108	144	154	0	0	0	0	351	354	43	43	308	311
212	1,009	1,622	1,009	1,622	0	0	475	764	438	704	682	1,096	0	0	0	0	57	72	18	18	39	54
213	478	766	475	763	3	3	223	358	206	331	503	808	0	0	0	0	861	1,189	3	3	858	1,186
214	249	266	249	266	0	0	117	125	108	115	229	245	197	262	0	0	183	184	65	65	118	119
215	903	1,120	903	1,120	0	0	425	527	392	486	590	732	0	0	0	0	32	34	26	26	6	8
216	580	620	580	620	0	0	273	292	252	269	495	529	0	0	0	0	2,601	2,626	102	102	2,499	2,524
217	716	766	716	766	0	0	337	361	311	333	768	822	0	0	0	0	420	422	183	183	237	239
218	489	598	489	598	0	0	230	281	212	259	355	434	0	0	0	0	186	202	144	144	42	58
219	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	428	528	167	167	261	361
Total	224,798	280,141	210,302	264,645	14,496	15,496	108,043	135,306	99,958	125,169	129,444	162,014	29,536	42,990	41,746	41,809	152,044	173,089	24,468	25,987	127,576	147,102

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