RRTPO Policy Board Meeting
July 6, 2023

Socioeconomic Data 2050 Future Year Data Approval

Presentation by:

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Transportation Planning Manager

Richmond Regional
Transportation Planning Organization
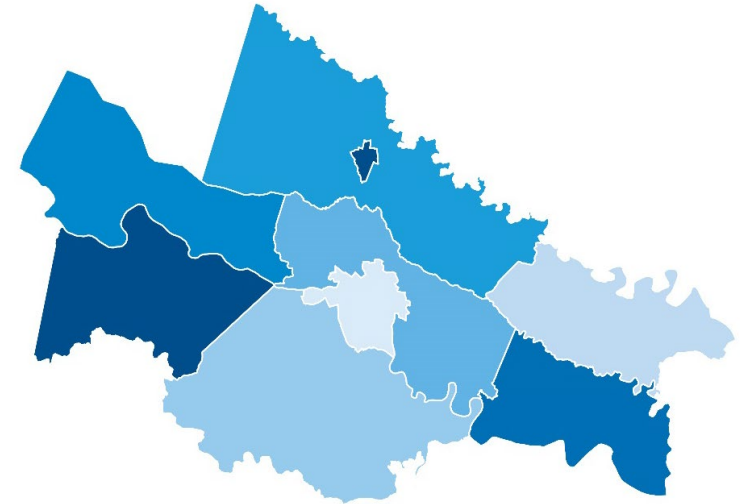SUPPORTED BY PlanRVA

Socioeconomic Data Purpose

The Socioeconomic Data (SE) provides estimates and projections of population, employment and other socioeconomic data of the Richmond Region within small geographic areas called Transportation Analysis Zones (TAZs), Jurisdictional and Regional Levels.
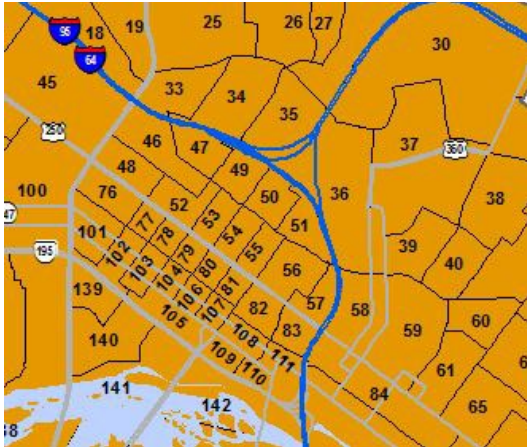
TAZ Level
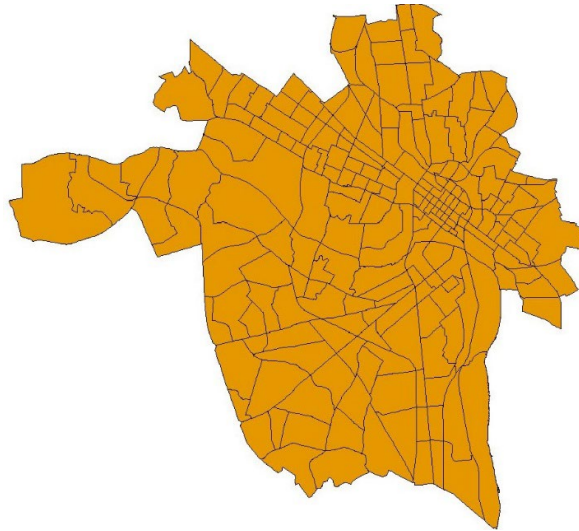
Jurisdictional Level

Regional Level

SE Data is an input into the RRTPO's Regional Travel Demand Model (The RTC Model)

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Socioeconomic Data Purpose

The RTC Model is a major analytical tool used in the development of the Long-Range Transportation Plan (LRTP) Development Process.

The RTC Model and the underlying SE Data will also be a major analytical tool in the Richmond Region's First Scenario Planning Process.

SE Data Workgroup Members

Town of Ashland
Nora Amos

Charles City County
Rhonda Russell
Gary Mitchell

Chesterfield County
Logan Ashby

Goochland County
Austin Goyne

Hanover County
Andrew Pompei

Henrico County
Seth Humphreys

New Kent County
Kelli LeDuc

Powhatan County
Bret Schardein

City of Richmond
Brian Mercer

VDOT
Enhua Liu
Nicole Mueller

DRPT
Daniel Wagner

GRTC Transit Systems
Patricia Robinson
Sam Sink

Crater PDC/Tri-Cities MPO
Ron Svejkovsky

RRTPO/PlanRVA Staff
Chet Parsons
Sulabh Aryal

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Methodology

- 2050 Horizon year baseline data developed using 2017 data (ignoring Covid implications) and reviewing the Census 2020 population numbers.
- 2017 Base year data approved by RRTPO Policy Board on September 5, 2019.
- Top-Down Approach. Developed Jurisdictional Control total first, then distributed to TAZs.
- Distributed to TAZs based on current trends.
- Population and Employment two independent projections. Other attributes directly dependent on population.
- 2050 growth distribution aligns with locality Comprehensive Plans.

Population

Jurisdiction	Population					
	2017	Census 2020	2050	Weldon Cooper Difference	Total Growth Rate (2017-2050)	Annual Growth Rate (2017-2050)
Ashland[1]	7,785	7,565	8,822	-	13.30	0.40
Charles City	7,126	6,773	6,552	10.00%	**-8.06**	**-0.24**
Chesterfield	340,848	364,548	504,814	0.00%	48.11	1.46
Goochland	23,536	24,727	34,742	0.00%	47.61	1.44
Hanover[2]	109,595	109,979	142,156	1.46%	29.71	0.90
Henrico	335,283	334,389	422,954	0.00%	26.15	0.79
New Kent	21,347	22,945	36,081	0.00%	69.02	2.09
Powhatan	29,147	30,333	39,576	0.00%	35.78	1.08
Richmond	224,798	226,610	278,538	3.00%	23.91	0.72
Region Total	**1,091,680**	**1,120,304**	**1,465,413**	**0.74%**	**34.23**	**1.04**

[1]Ashland displayed here separately, but also included as a part of Hanover County

[2]Hanover County Includes Town of Ashland

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Employment

Jurisdiction	Employment			
	2017	2050	Total Growth Rate (2017-2050)	Annual Growth Rate (2017-2050)
Ashland[1]	8,636	13,408	55.26	1.67
Charles City	1,668	1,850	10.91	0.33
Chesterfield	131,120	186,051	41.89	1.27
Goochland	13,966	21,704	55.41	1.68
Hanover[2]	50,625	68,361	35.03	1.06
Henrico	191,240	246,718	29.01	0.88
New Kent	3,956	6,299	59.23	1.79
Powhatan	6,092	7,704	26.46	0.80
Richmond	152,044	178,256	17.24	0.52
Region Total	**550,711**	**716,943**	**30.18**	**0.91**

[1]Ashland displayed here separately, but also included as a part of Hanover County

[2]Hanover County Includes Town of Ashland

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SE Data Documents

SE Data GeoHub

https://storymaps.arcgis.com/collections/001ffbfa9
0d246ab9a8ed3f29caebdbb
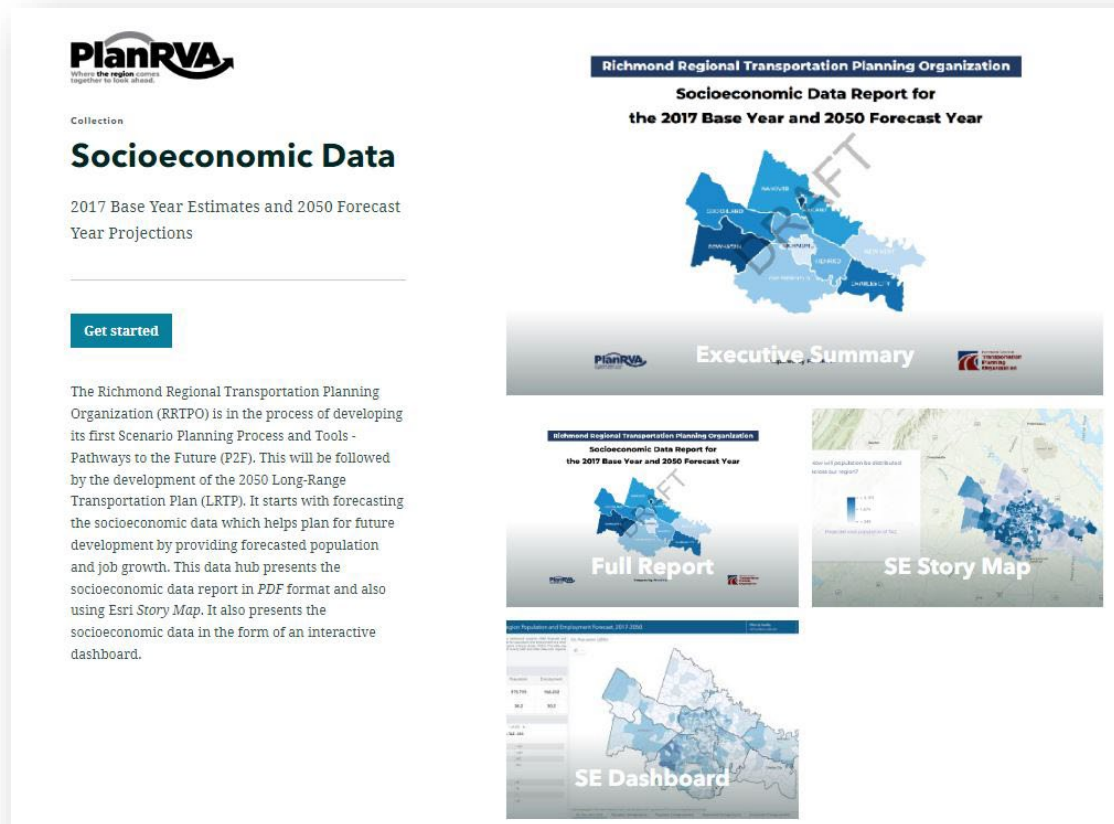
2050 Future Year Summary Tables

	2050 Forecast Year Data										
	Population			Housing			School Enrollment		Employment		
Jurisdiction[1]	Total	In Households	In Group Quarters	Housing Units	Households (Occupied Housing Units)	Autos	K-12	Colleges	Total	Retail	Non-Retail
Ashland[2]	8,822	7,604	1,218	3,763	3,511	6,139	776	1,477	13,408	4,953	8,455
Charles City	6,552	6,552	0	2,892	2,643	7,973	473	0	1,850	113	1,737
Chesterfield[3]	504,814	499,044	5,770	191,692	184,489	432,400	77,677	22,272	186,051	45,719	140,332
Goochland	34,742	33,825	917	14,373	13,323	34,571	4,182	531	21,704	2,091	19,613
Hanover[4]	142,156	140,085	2,071	55,470	53,103	128,181	19,843	1,477	68,361	16,543	51,818
Henrico	422,954	418,846	4,108	177,175	168,992	356,989	74,880	12,378	246,718	53,576	193,142
New Kent	36,081	35,509	572	14,478	13,712	37,432	6,102	310	6,299	1,336	4,963
Powhatan	39,576	38,501	1,075	16,198	14,808	41,963	6,362	0	7,704	1,886	5,818
Richmond	278,538	266,920	11,618	141,740	129,582	159,489	42,990	41,809	178,256	26,762	151,494
Region Total	**1,465,413**	**1,439,282**	**26,131**	**614,018**	**580,652**	**1,198,998**	**232,509**	**78,777**	**716,943**	**148,026**	**568,917**

[1]Includes all jurisdictions in Planning District 15 (i.e. RRTPO Metropolitan Planning Area and Tri-Cities Area MPO portion of Chesterfield)

[2] Displayed here separately, but also included as a part of Hanover County

[3]Chesterfield County TAZs are located in both the RRTPO and Tri-Cities MPO

[4]Includes the Town of Ashland

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2050 Future Year Data Approval

SE DATA WORKGROUP RECOMMENDATION: Socioeconomic Data Workgroup approved the 2050 Future Year Data at the Traffic Analysis Zone (TAZ), Jurisdictional and Regional levels and recommends that the RRTPO Technical Advisory Committee (TAC) approves the data as it is presented.

TAC RECOMMENDATION: The TAC approved the 2050 Future Year Data at the Traffic Analysis Zone (TAZ), Jurisdictional and Regional levels and recommended RRTPO Policy Board for the approval of the data as it was presented by RRTPO staff.

STAFF RECOMMENDATION: RRTPO staff concurs with the TAC recommendations.

The following resolution is presented for the RRTPO Policy Board review and action:

RESOLVED, that the Richmond Regional Transportation Planning Organization (RRTPO) policy board approves the 2050 Future Year Socioeconomic Data at the Traffic Analysis Zone (TAZ), Jurisdictional and Regional levels as presented by RRTPO staff.

FURTHER RESOLVED, that the RRTPO Policy Board authorizes staff to use the 2050 Future Year Socioeconomic Data in the RTC model update process.

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Thank You!

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THE REGIONAL COMMISSION

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