

ITEM #15: 2050 SOCIOECONOMIC FORECAST: FINAL [Action Requested]
Greg Grootendorst, HRPDC

As part of the development of the 2050 Long-Range Transportation Plan (LRTP), HRPDC and HRTPO staff have been developing the regional socioeconomic forecast on which to base future planning considerations. The long-range forecast includes estimates for the region's population, households, employment, workers, and passenger vehicles, which all serve as input data to the HRTPO regional travel demand model.

An introductory presentation on the proposed methodology used to develop the 2050 forecast was provided at the January 2022 Transportation Technical Advisory Committee (TTAC) meeting and the September 2022 LRTP Subcommittee meeting. The draft 2050 Socioeconomic Forecast was presented to TTAC at its October 5, 2022 meeting and to the Planning Directors at their meeting on October 27, 2022. HRPDC & HRTPO staff have included staff from member jurisdictions in discussions regarding forecast inputs, assumptions, and draft estimates to ensure locality engagement during the process.

TTAC members and Planning Directors were asked to review the draft 2050 Socioeconomic Forecast control totals and submit comments to Mr. Greg Grootendorst, HRPDC Chief Economist, and comments have been addressed. During the November 2, 2022 TTAC meeting, the Committee unanimously recommended approval of the 2050 Socioeconomic Forecast.

Mr. Greg Grootendorst, HRPDC Chief Economist, will brief the HRTPO Board on this item.

Attachment 15

RECOMMENDED ACTION:

Approve the 2050 Socioeconomic Forecast for use in the development of the 2050 LRTP.

Hampton Roads 2050 Socioeconomic Forecast

Population Totals for Hampton Roads

	1970	1980	1990	2000	2010	2020	Forecast 2050
Southside	775,253	849,550	1,018,986	1,085,471	1,152,606	1,218,537	1,375,321
Chesapeake	89,580	114,486	151,982	199,184	222,209	249,422	319,841
Franklin	6,880	7,308	7,864	8,346	8,582	8,180	8,267
Isle of Wight Co.	18,285	21,603	25,053	29,728	35,270	38,606	49,850
Norfolk	307,951	266,979	261,250	234,403	242,803	246,063	246,870
Portsmouth	110,963	104,577	103,910	100,565	95,535	97,915	97,115
Southampton Co.	18,582	18,731	17,550	17,482	18,570	17,996	17,832
Suffolk	45,024	47,621	52,143	63,677	84,585	94,324	129,512
Surry Co.	5,882	6,046	6,145	6,829	7,058	6,561	6,502
Virginia Beach	172,106	262,199	393,089	425,257	437,994	459,470	499,532
Peninsula	333,140	364,449	435,197	481,330	513,704	538,882	585,568
Gloucester Co.	14,059	20,107	30,131	34,780	36,858	38,711	40,019
Hampton	120,779	122,617	133,811	138,437	137,436	137,148	137,225
James City Co.	17,853	22,339	34,859	48,102	67,009	78,254	107,474
Newport News	138,177	144,903	171,439	180,150	180,719	186,247	187,628
Poquoson	5,441	8,726	11,005	11,566	12,150	12,460	13,008
Williamsburg	9,069	10,294	11,530	11,998	14,068	16,017	18,038
York Co.	27,762	35,463	42,422	56,297	65,187	70,045	82,176
Hampton Roads	1,108,393	1,213,999	1,454,183	1,566,801	1,666,310	1,757,419	1,960,889

Source of historical data: U.S. Census Bureau, Weldon Cooper Center, HRPDC

Hampton Roads 2050 Socioeconomic Forecast

Number of Households in Hampton Roads

	1970	1980	1990	2000	2010	2020	Forecast 2050
Southside	218,088	266,353	344,456	395,619	426,133	447,166	510,982
Chesapeake	25,178	36,362	52,024	69,900	79,574	86,524	113,017
Franklin	2,113	2,591	3,011	3,384	3,530	3,516	3,602
Isle of Wight Co.	5,028	7,050	9,031	11,319	13,718	14,611	19,142
Norfolk	86,607	74,955	79,518	86,210	86,485	89,398	90,495
Portsmouth	34,470	36,796	38,706	38,170	37,324	36,650	36,737
Southampton Co.	4,915	5,774	6,004	6,279	6,719	6,618	6,619
Suffolk	13,116	15,726	18,518	23,283	30,868	34,603	48,506
Surry Co.	1,576	2,002	2,279	2,619	2,826	2,794	2,810
Virginia Beach	45,085	85,097	135,365	154,455	165,089	172,452	190,054
Peninsula	92,909	124,178	159,724	183,488	199,950	204,330	225,642
Gloucester Co.	4,431	7,159	10,957	13,127	14,293	14,792	15,499
Hampton	34,564	41,550	49,680	53,887	55,031	54,847	55,505
James City Co.	4,551	7,493	12,990	19,003	26,860	29,681	41,610
Newport News	39,586	51,310	64,420	69,686	70,664	70,376	72,092
Poquoson NA		2,763	3,763	4,166	4,525	4,632	4,914
Williamsburg	2,396	3,024	3,462	3,619	4,571	4,485	5,518
York Co.	7,381	10,879	14,452	20,000	24,006	25,517	30,502
Hampton Roads	310,997	390,531	504,180	579,107	626,083	651,496	736,624

Source of historical data: U.S. Census Bureau

Hampton Roads 2050 Socioeconomic Forecast

Number of Vehicles in Hampton Roads

	1970	1980	1990	2000	2010	2020	Forecast 2050
Southside	231,316	425,239	613,064	762,371	864,362	917,892	1,068,820
Chesapeake	31,108	62,967	101,571	148,000	176,139	197,075	258,728
Franklin	1,036	4,341	4,967	5,775	6,368	6,285	6,574
Isle of Wight Co.	5,736	12,410	19,248	26,062	33,625	36,480	48,231
Norfolk	86,358	114,263	129,858	144,024	153,058	158,461	161,828
Portsmouth	35,828	50,267	59,563	63,153	66,352	65,348	66,161
Southampton Co.	5,173	9,414	11,879	14,034	16,439	16,299	16,220
Suffolk	4,452	24,710	33,816	48,661	67,091	75,926	108,626
Surry Co.	1,723	3,599	5,102	6,283	7,370	7,350	7,531
Virginia Beach	59,902	143,268	247,060	306,379	337,920	354,668	394,921
Peninsula	110,481	192,989	279,223	357,595	412,325	426,537	476,690
Gloucester Co.	5,065	12,621	23,125	30,378	35,818	37,576	39,215
Hampton	42,797	66,132	87,366	97,982	104,189	103,237	105,837
James City Co.	3,958	11,319	22,776	37,423	52,673	63,777	85,024
Newport News	44,434	73,756	98,570	127,726	141,874	140,763	146,645
Poquoson NA		5,272	8,470	10,031	11,336	11,456	12,110
Williamsburg	4,144	6,531	9,910	9,957	13,018	12,623	18,312
York Co.	10,083	17,358	29,006	44,098	53,417	57,105	69,549
Hampton Roads	341,797	618,228	892,287	1,119,966	1,276,687	1,344,429	1,545,510

Source of historical data: Virginia Department of Motor Vehicles

Hampton Roads 2050 Socioeconomic Forecast

Number of Workers in Hampton Roads

	1980	1990	2000	2010	2020	Forecast 2050
Southside	387,154	511,022	531,417	579,237	610,236	679,212
Chesapeake	48,649	75,610	96,977	110,539	117,892	149,620
Franklin	2,732	3,272	3,337	3,078	3,361	3,362
Isle of Wight Co.	9,299	11,637	13,986	17,380	17,735	22,665
Norfolk	127,689	130,549	112,083	121,083	131,135	130,211
Portsmouth	41,576	44,390	43,922	44,871	44,231	43,418
Southampton Co.	7,065	7,255	6,945	8,445	7,550	7,404
Suffolk	19,100	22,255	28,372	39,012	44,430	60,377
Surry Co.	2,382	2,622	3,147	3,217	2,960	2,903
Virginia Beach	128,662	213,432	222,648	231,612	240,942	259,253
Peninsula	165,816	212,763	229,790	250,121	254,153	277,100
Gloucester Co.	8,447	14,387	16,952	18,003	18,224	18,965
Hampton	54,862	66,008	66,101	66,680	65,539	66,011
James City Co.	10,133	17,692	21,922	30,264	34,440	47,614
Newport News	67,023	82,662	86,282	90,519	89,491	90,753
Poquoson	4,015	5,700	5,658	5,917	6,198	6,514
Williamsburg	4,366	4,894	4,239	5,705	6,393	7,247
York Co.	16,970	21,420	28,636	33,033	33,868	39,997
Hampton Roads	552,970	723,785	761,207	829,358	864,389	956,312

Source of historical data: U.S. Census Bureau

Hampton Roads 2050 Socioeconomic Forecast

Employment Totals in Hampton Roads

	1970	1980	1990	2000	2010	2020	Forecast 2050
Southside	388,716	472,753	614,446	673,958	693,643	761,851	796,134
Chesapeake	22,566	32,288	62,605	102,765	121,687	137,658	144,551
Franklin	3,397	4,091	4,685	5,560	5,861	5,836	6,059
Isle of Wight Co.	9,301	11,880	12,133	16,134	14,230	15,660	16,382
Norfolk	211,278	230,199	259,481	225,319	210,988	218,024	225,000
Portsmouth	48,087	53,996	58,979	52,831	57,413	61,999	64,606
Southampton Co.	6,124	5,927	5,461	6,026	5,171	5,339	5,364
Suffolk	18,055	19,692	20,660	26,273	34,747	45,508	49,196
Surry Co.	3,662	3,073	3,193	2,604	3,040	3,058	3,135
Virginia Beach	66,246	111,607	187,249	236,446	240,506	268,769	281,840
Peninsula	153,365	190,391	256,242	289,273	296,970	317,443	331,943
Gloucester Co.	3,493	6,468	9,700	13,002	14,029	14,173	14,690
Hampton	50,259	60,965	76,339	83,361	76,913	77,176	78,775
James City Co.	5,646	12,330	19,645	25,943	36,401	41,876	44,435
Newport News	75,753	85,370	110,589	115,678	119,642	132,589	138,675
Poquoson	999	1,611	2,160	2,674	2,607	2,409	2,681
Williamsburg	8,765	12,680	19,133	23,869	17,902	16,594	17,479
York Co.	8,450	10,967	18,676	24,746	29,476	32,626	35,208
Hampton Roads	542,081	663,144	870,688	963,231	990,613	1,079,294	1,128,077

Source of historical data: Bureau of Economic Analysis

Hampton Roads 2050 Socioeconomic Forecast

Retail Employment in Hampton Roads

	2010	2020	Forecast 2050
Southside	150,033	164,918	167,781
Chesapeake	30,619	34,617	35,302
Franklin	2,059	2,133	2,169
Isle of Wight Co.	2,713	3,012	3,067
Norfolk	38,439	39,546	39,998
Portsmouth	11,275	12,228	12,426
Southampton Co.	667	844	858
Suffolk	8,394	10,611	10,915
Surry Co.	439	437	440
Virginia Beach	55,427	61,490	62,606
Peninsula	66,700	70,540	71,829
Gloucester Co.	3,871	4,124	4,207
Hampton	16,883	17,286	17,516
James City Co.	9,247	9,997	10,169
Newport News	23,669	25,485	26,021
Poquoson	613	687	704
Williamsburg	4,473	4,388	4,456
York Co.	7,944	8,573	8,755
Hampton Roads	216,733	235,458	239,609

Source of historical data: Bureau of Economic Analysis, VEC, and HRPDC

Hampton Roads 2050 Socioeconomic Forecast

Office Employment in Hampton Roads

	2010	2020	Forecast 2050
Southside	255,877	280,059	292,301
Chesapeake	42,041	47,304	49,666
Franklin	2,066	1,891	1,950
Isle of Wight Co.	4,197	4,745	4,990
Norfolk	79,789	82,329	84,779
Portsmouth	19,920	21,485	22,351
Southampton Co.	1,425	1,564	1,570
Suffolk	11,549	15,880	17,317
Surry Co.	739	757	777
Virginia Beach	94,152	104,105	108,901
Peninsula	98,748	104,077	113,898
Gloucester Co.	4,489	4,463	4,716
Hampton	27,528	26,965	27,767
James City Co.	12,127	15,289	17,077
Newport News	38,062	40,882	45,369
Poquoson	745	831	1,013
Williamsburg	6,165	4,490	4,970
York Co.	9,632	11,157	12,987
Hampton Roads	354,625	384,136	406,199

Source of historical data: Bureau of Economic Analysis, VEC, and HRPDC

Hampton Roads 2050 Socioeconomic Forecast

Industrial Employment in Hampton Roads

	2010	2020	Forecast 2050
Southside	124,471	135,212	141,977
Chesapeake	23,621	26,556	28,136
Franklin	679	573	597
Isle of Wight Co.	4,689	4,815	4,977
Norfolk	37,933	39,058	40,405
Portsmouth	11,816	12,349	12,829
Southampton Co.	1,843	1,700	1,664
Suffolk	7,137	8,666	9,358
Surry Co.	1,367	1,357	1,389
Virginia Beach	35,386	40,139	42,621
Peninsula	60,355	66,669	64,386
Gloucester Co.	2,784	2,597	2,579
Hampton	12,534	12,809	12,533
James City Co.	6,295	6,136	5,882
Newport News	32,204	37,640	36,024
Poquoson	475	244	230
Williamsburg	1,043	2,083	2,039
York Co.	5,020	5,161	5,098
Hampton Roads	184,826	201,882	206,363

Source of historical data: Bureau of Economic Analysis, VEC, and HRPDC

Hampton Roads 2050 Socioeconomic Forecast

Other Employment in Hampton Roads

	2010	2020	Forecast 2050
Southside	163,261	181,662	194,076
Chesapeake	25,406	29,181	31,446
Franklin	1,057	1,240	1,343
Isle of Wight Co.	2,631	3,087	3,348
Norfolk	54,827	57,092	59,818
Portsmouth	14,401	15,937	17,000
Southampton Co.	1,235	1,231	1,272
Suffolk	7,666	10,351	11,606
Surry Co.	496	508	529
Virginia Beach	55,541	63,035	67,712
Peninsula	71,166	76,157	81,831
Gloucester Co.	2,885	2,989	3,188
Hampton	19,968	20,116	20,959
James City Co.	8,732	10,454	11,306
Newport News	25,707	28,581	31,261
Poquoson	773	648	734
Williamsburg	6,221	5,634	6,014
York Co.	6,880	7,735	8,368
Hampton Roads	234,427	257,819	275,906

Source of historical data: Bureau of Economic Analysis, VEC, and HRPDC