

AGENDA NOTE – HRPDC QUARTERLY COMMISSION MEETING

ITEM#9J: HAMPTON ROADS 2040 SOCIOECONOMIC FORECAST

SUBJECT:

Every four years the Hampton Roads Transportation Planning Organization (HRTPO) develops a Long-Range Transportation Plan (LRTP) as required by federal regulations. One of the first steps in the development of the LRTP is to conduct a regional long-range socioeconomic forecast to serve as input data for the HRTPO's travel demand model.

BACKGROUND:

As in previous years, the HRPDC economics staff was tasked with producing the long-range socioeconomic forecast for the LRTP. The forecast includes estimates for the year 2040 for employment, population, workers, households, and vehicles for the sixteen Hampton Roads jurisdictions.

In developing the forecast, staff worked with the Transportation Technical Advisory Committee (TTAC) and the LRTP subcommittee. Draft methodology for the forecast was presented to and approved by the TTAC in June of 2012. As part of the forecast process, HRPDC Chief Economist Greg Grootendorst met with planning staff from each of the localities to discuss future development assumptions and verify current comprehensive planning documents.

Mr. Grootendorst presented the draft socioeconomic forecast to the HRTPO's LRTP subcommittee on September 5, 2012 and presented to the TTAC on October 3, 2012 (a copy of the presentation is available at:

http://www.hrtpo.org/MTG_AGNDs/TTAC_Info/2012/10032012TTAC/P14-2040_Socioeconomic_Forecast.pdf).

The draft forecast underwent public review and comment through October 12, 2012. Comments on the draft forecast were received, although no adjustments to the draft totals were recommended or required.

The TTAC recommended approval of the Hampton Roads 2040 Socioeconomic Forecast at its November 7, 2012 meeting. The HRTPO board unanimously approved the Hampton Roads 2040 Socioeconomic Forecast during its November 15, 2012 meeting. The Hampton Roads Socioeconomic Forecast has been included as part of the HRPDC agenda for the purpose of using the forecast data in other HRPDC regional planning programs.

Mr. Grootendorst presented the forecast to the HRPDC Directors of Utilities Committee on December 15, 2012 and the HRPDC Joint Environmental Committee on January 3, 2013.

Attachment 9-J

RECOMMENDED ACTION:

The HRPDC staff recommends approval of the 2040 Socioeconomic Forecast for use in other regional planning programs.

Hampton Roads 2040 Socioeconomic Forecast

Hampton Roads 2040 Socioeconomic Forecast

Approved by the HRTPO Board – November 2012

Population Totals for Hampton Roads

	1970	1980	1990	2000	2010	Forecast 2040
Southside	775,253	849,550	1,018,986	1,085,471	1,152,606	1,454,000
Chesapeake	89,580	114,486	151,982	199,184	222,209	314,600
Franklin	6,880	7,308	7,864	8,346	8,582	10,800
Isle of Wight Co.	18,285	21,603	25,053	29,728	35,270	62,800
Norfolk	307,951	266,979	261,250	234,403	242,803	253,200
Portsmouth	110,963	104,577	103,910	100,565	95,535	98,200
Southampton Co.	18,582	18,731	17,550	17,482	18,570	25,500
Suffolk	45,024	47,621	52,143	63,677	84,585	182,700
Surry Co.	5,882	6,046	6,145	6,829	7,058	8,700
Virginia Beach	172,106	262,199	393,089	425,257	437,994	497,500
Peninsula	333,140	364,449	435,197	481,330	513,704	583,000
Gloucester Co.	14,059	20,107	30,131	34,780	36,858	40,200
Hampton	120,779	122,617	133,811	138,437*	137,436	137,200
James City Co.	17,853	22,339	34,859	48,102	67,009	104,200
Newport News	138,177	144,903	171,439	180,150	180,719	189,100
Poquoson	5,441	8,726	11,005	11,566	12,150	12,400
Williamsburg	9,069	10,294	11,530	11,998	14,068	17,200
York Co.	27,762	35,463	42,422	56,297	65,464	82,700
Hampton Roads	1,108,393	1,213,999	1,454,183	1,566,801	1,666,310	2,037,000

Source of Historical Data: U.S. Census Bureau (*denotes adjusted value).

2040 Forecast prepared by the HRPDC staff.

Hampton Roads 2040 Socioeconomic Forecast

Approved by the HRTPO Board – November 2012

Number of Households in Hampton Roads

	1970	1980	1990	2000	2010	Forecast 2040
Southside	218,088	266,353	344,456	395,619	426,133	543,700
Chesapeake	25,178	36,362	52,024	69,900	79,574	114,300
Franklin	2,113	2,591	3,011	3,384	3,530	4,500
Isle of Wight Co.	5,028	7,050	9,031	11,319	13,718	24,700
Norfolk	86,607	74,955	79,518	86,210	86,485	91,500
Portsmouth	34,470	36,796	38,706	38,170	37,324	38,700
Southampton Co.	4,915	5,774	6,004	6,279	6,719	9,500
Suffolk	13,116	15,726	18,518	23,283	30,868	67,800
Surry Co.	1,576	2,002	2,279	2,619	2,826	3,500
Virginia Beach	45,085	85,097	135,365	154,455	165,089	189,200
Peninsula	92,909	124,178	159,724	183,488	199,950	229,500
Gloucester Co.	4,431	7,159	10,957	13,127	14,293	15,700
Hampton	34,564	41,550	49,680	53,887	55,031	55,500
James City Co.	4,551	7,493	12,990	19,003	26,860	42,300
Newport News	39,586	51,310	64,420	69,686	70,664	74,700
Poquoson	NA	2,763	3,763	4,166	4,525	4,700
Williamsburg	2,396	3,024	3,462	3,619	4,571	6,000
York Co.	7,381	10,879	14,452	20,000	24,006	30,600
Hampton Roads	310,997	390,531	504,180	579,107	626,083	773,200

Source of Historical Data: U.S. Census Bureau.

2040 Forecast prepared by the HRPDC staff.

Hampton Roads 2040 Socioeconomic Forecast

Approved by the HRTPO Board – November 2012

Number of Vehicles in Hampton Roads

	1970	1980	1990	2000	2010	Forecast 2040
Southside	231,316	425,239	613,064	762,371	864,362	1,163,000
Chesapeake	31,108	62,967	101,571	148,000	176,139	252,600
Franklin	1,036	4,341	4,967	5,775	6,368	9,300
Isle of Wight Co.	5,736	12,410	19,248	26,062	33,625	60,500
Norfolk	86,358	114,263	129,858	144,024	153,058	189,400
Portsmouth	35,828	50,267	59,563	63,153	66,352	80,100
Southampton Co.	5,173	9,414	11,879	14,034	16,439	23,300
Suffolk	4,452	24,710	33,816	48,661	67,091	147,100
Surry Co.	1,723	3,599	5,102	6,283	7,370	9,100
Virginia Beach	59,902	143,268	247,060	306,379	337,920	391,600
Peninsula	110,481	192,989	279,223	357,595	412,325	493,600
Gloucester Co.	5,065	12,621	23,125	30,378	35,818	39,400
Hampton	42,797	66,132	87,366	97,982	104,189	114,900
James City Co.	3,958	11,319	22,776	37,423	52,673	87,600
Newport News	44,434	73,756	98,570	127,726	141,874	154,600
Poquoson	NA	5,272	8,470	10,031	11,336	11,800
Williamsburg	4,144	6,531	9,910	9,957	13,018	17,100
York Co.	10,083	17,358	29,006	44,098	53,417	68,200
Hampton Roads	341,797	618,228	892,287	1,119,966	1,276,687	1,656,600

Source of Historical Data: Virginia Department of Motor Vehicles.

2040 Forecast prepared by the HRPDC staff.

Hampton Roads 2040 Socioeconomic Forecast

Approved by the HRTPO Board – November 2012

Number of Workers in Hampton Roads (by place of residence)

	1980	1990	2000	2010	Forecast 2040
Southside	387,154	511,022	531,417	579,237	702,200
Chesapeake	48,649	75,610	96,977	110,539	151,300
Franklin	2,732	3,272	3,337	3,078	3,700
Isle of Wight Co.	9,299	11,637	13,986	17,380	29,900
Norfolk	127,689	130,549	112,083	121,083	122,000
Portsmouth	41,576	44,390	43,922	44,871	44,600
Southampton Co.	7,065	7,255	6,945	8,445	11,200
Suffolk	19,100	22,255	28,372	39,012	81,400
Surry Co.	2,382	2,622	3,147	3,217	3,800
Virginia Beach	128,662	213,432	222,648	231,612	254,300
Peninsula	165,816	212,763	229,790	250,121	282,500
Gloucester Co.	8,447	14,387	16,952	18,003	19,600
Hampton	54,862	66,008	66,101	66,680	66,500
James City Co.	10,133	17,692	21,922	30,264	47,000
Newport News	67,023	82,662	86,282	90,519	94,700
Poquoson	4,015	5,700	5,658	5,917	6,000
Williamsburg	4,366	4,894	4,239	5,705	7,000
York Co.	16,970	21,420	28,636	33,033	41,700
Hampton Roads	552,970	723,785	761,207	829,358	984,700

Source of Historical Data: U.S. Census Bureau.

2040 Forecast prepared by the HRPDC staff.

Hampton Roads 2040 Socioeconomic Forecast

Approved by the HRTPO Board – November 2012

Employment Totals in Hampton Roads

(by place of work)

	1970	1980	1990	2000	2010	Forecast 2040
Southside	388,716	472,753	614,446	673,958	693,844	902,300
Chesapeake	22,566	32,288	62,605	102,765	122,265	167,000
Franklin	3,397	4,091	4,685	5,560	6,182	8,500
Isle of Wight Co.	9,301	11,880	12,133	16,134	15,347	31,000
Norfolk	211,278	230,199	259,481	225,319	210,037	234,200
Portsmouth	48,087	53,996	58,979	52,831	57,414	70,400
Southampton Co.	6,124	5,927	5,461	6,026	5,454	10,700
Suffolk	18,055	19,692	20,660	26,273	33,914	62,900
Surry Co.	3,662	3,073	3,193	2,604	3,161	5,900
Virginia Beach	66,246	111,607	187,249	236,446	240,070	311,700
Peninsula	153,365	190,391	256,242	289,273	300,245	375,400
Gloucester Co.	3,493	6,468	9,700	13,002	14,421	18,200
Hampton	50,259	60,965	76,339	83,361	77,429	89,300
James City Co.	5,646	12,330	19,645	25,943	37,183	58,300
Newport News	75,753	85,370	110,589	115,678	115,265	129,700
Poquoson	999	1,611	2,160	2,674	2,870	3,610
Williamsburg	8,765	12,680	19,133	23,869	19,723	29,000
York Co.	8,450	10,967	18,676	24,746	33,354	47,290
Hampton Roads	542,081	663,144	870,688	963,231	994,089	1,277,700

Source of Historical Data: Bureau of Economic Analysis.

2040 Forecast prepared by the HRPDC staff.

Hampton Roads 2040 Socioeconomic Forecast

Approved by the HRTPO Board – November 2012

Retail Employment in Hampton Roads (by place of work)

	2010	Forecast 2040
Southside	151,657	191,500
Chesapeake	30,553	39,200
Franklin	2,320	2,900
Isle of Wight Co.	3,897	6,600
Norfolk	38,386	44,500
Portsmouth	11,343	13,700
Southampton Co.	752	1,400
Suffolk	8,152	12,700
Surry Co.	459	700
Virginia Beach	55,795	69,800
Peninsula	66,849	81,000
Gloucester Co.	3,992	5,100
Hampton	17,198	19,400
James City Co.	9,074	11,700
Newport News	22,960	26,600
Poquoson	662	720
Williamsburg	4,389	6,100
York Co.	8,574	11,380
Hampton Roads	218,506	272,500

Source of Historical Data: Bureau of Economic Analysis.
2040 Forecast prepared by the HRPDC staff.

Hampton Roads 2040 Socioeconomic Forecast

Approved by the HRTPO Board – November 2012

Office Employment in Hampton Roads (by place of work)

	2010	Forecast 2040
Southside	255,920	338,800
Chesapeake	42,468	60,700
Franklin	2,039	2,800
Isle of Wight Co.	5,010	8,600
Norfolk	78,702	90,300
Portsmouth	19,829	24,900
Southampton Co.	1,406	2,100
Suffolk	10,987	21,700
Surry Co.	753	1,200
Virginia Beach	94,726	126,500
Peninsula	107,645	140,200
Gloucester Co.	4,686	5,600
Hampton	27,906	33,100
James City Co.	16,445	25,800
Newport News	36,149	40,500
Poquoson	1,013	1,400
Williamsburg	8,360	13,800
York Co.	13,086	20,000
Hampton Roads	363,565	479,000

Source of Historical Data: Bureau of Economic Analysis.
2040 Forecast prepared by the HRPDC staff.

Hampton Roads 2040 Socioeconomic Forecast

Approved by the HRTPO Board – November 2012

Industrial Employment in Hampton Roads

(by place of work)

	2010	Forecast 2040
Southside	122,520	157,700
Chesapeake	23,851	29,900
Franklin	755	1,000
Isle of Wight Co.	2,990	8,900
Norfolk	37,918	40,200
Portsmouth	11,884	13,200
Southampton Co.	2,048	4,900
Suffolk	7,173	14,900
Surry Co.	1,451	3,200
Virginia Beach	34,451	41,500
Peninsula	56,837	66,100
Gloucester Co.	2,834	3,700
Hampton	12,422	13,200
James City Co.	2,443	6,300
Newport News	31,461	33,200
Poquoson	628	640
Williamsburg	405	600
York Co.	6,643	8,460
Hampton Roads	179,357	223,800

Source of Historical Data: Bureau of Economic Analysis.

2040 Forecast prepared by the HRPDC staff.

Hampton Roads 2040 Socioeconomic Forecast

Approved by the HRTPO Board – November 2012

Other Employment in Hampton Roads

(by place of work)

	2010	Forecast 2040
Southside	163,747	214,300
Chesapeake	25,394	37,200
Franklin	1,068	1,800
Isle of Wight Co.	3,449	6,900
Norfolk	55,031	59,200
Portsmouth	14,358	18,600
Southampton Co.	1,248	2,300
Suffolk	7,602	13,600
Surry Co.	498	800
Virginia Beach	55,099	73,900
Peninsula	68,914	88,100
Gloucester Co.	2,910	3,800
Hampton	19,902	23,600
James City Co.	9,221	14,500
Newport News	24,696	29,400
Poquoson	568	850
Williamsburg	6,568	8,500
York Co.	5,050	7,450
Hampton Roads	232,661	302,400

Source of Historical Data: Bureau of Economic Analysis.

2040 Forecast prepared by the HRPDC staff.