

Changes in Daily Travel Patterns Based on the Results of the 1994 and 2007/2008 Regional Household Travel Surveys

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Table 1
Change in Daily Household Trip Rates
by Jurisdiction
1994 - 2007

Jurisdiction	1994 Trip Rate	2007/2008 Trip Rate	% Change
District of Columbia,DC	6.9	6.6	-5%
Arlington County,VA	7.9	7.4	-6%
Alexandria,VA	7.3	7.2	-1%
Core Jurisdictions	7.2	6.9	-4%
Montgomery County,MD	9.9	9.3	-5%
Prince George's County,MD	8.7	7.5	-14%
Fairfax County/Cities,VA	9.7	8.8	-9%
Inner Suburbs	9.4	8.6	-9%
Loudoun County,VA	9.3	8.0	-14%
Prince William County/Cities,VA	10.2	9.0	-12%
Frederick County,MD	9.5	9.9	4%
Calvert County,MD	9.4	9.5	1%
Charles County,MD	10.1	9.5	-6%
Stafford County,VA	10.4	10.1	-3%
Outer Suburbs	9.9	9.1	-8%
Region	8.9	8.4	-7%

Source: 1994 & 2007/2008 TPB Household Travel Surveys

Note: For comparison purposes with the 1994 HTS the 2007/2008 HTS data have been seasonally adjusted

Table 2
Change in Household Trip Rates
1994 - 2007/2008

11-20-2009

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By Jurisdiction	Household Size	<u>1994</u> HH Trip Rate	<u>2007/2008</u> HH Trip Rate	% Change	<u>1994</u> # of Samples	<u>2007/2008</u> # of Samples
District of Columbia,DC	1 - Person HH	3.95	3.84	-3%	352	844
District of Columbia,DC	2 - Person HH	7.12	6.99	-2%	349	574
District of Columbia,DC	3 - Person HH	9.06	9.62	6%	135	131
District of Columbia,DC	4+ - Person HH	11.94	12.30	3%	158	109
Arlington County,VA	1 - Person HH	4.00	4.14	3%	108	345
Arlington County,VA	2 - Person HH	7.51	7.76	3%	90	240
Arlington County,VA	3 - Person HH	11.32	10.00	-12%	49	86
Arlington County,VA	4+ - Person HH	16.98	14.73	-13%	34	77
Alexandria,VA	1 - Person HH	4.48	3.97	-11%	114	211
Alexandria,VA	2 - Person HH	7.20	7.26	1%	94	129
Alexandria,VA	3 - Person HH	9.71	8.45	-13%	30	41
Alexandria,VA	4+ - Person HH	14.12	14.24	1%	38	27
Montgomery County,MD	1 - Person HH	4.24	3.90	-8%	91	459
Montgomery County,MD	2 - Person HH	7.40	6.98	-6%	182	591
Montgomery County,MD	3 - Person HH	10.53	10.13	-4%	94	237
Montgomery County,MD	4+ - Person HH	15.39	14.87	-3%	170	308
Prince George's County,MD	1 - Person HH	4.42	3.67	-17%	107	540
Prince George's County,MD	2 - Person HH	7.12	6.58	-8%	173	523
Prince George's County,MD	3 - Person HH	9.25	8.43	-9%	109	203
Prince George's County,MD	4+ - Person HH	13.37	12.78	-4%	141	207
Fairfax County/Cities,VA	1 - Person HH	4.65	3.92	-16%	110	471
Fairfax County/Cities,VA	2 - Person HH	7.36	7.02	-5%	240	591
Fairfax County/Cities,VA	3 - Person HH	9.46	9.36	-1%	144	215
Fairfax County/Cities,VA	4+ - Person HH	15.53	13.77	-11%	180	257
Loudoun County,VA	1 - Person HH	3.20	3.52	10%	44	72
Loudoun County,VA	2 - Person HH	7.02	6.75	-4%	83	141
Loudoun County,VA	3 - Person HH	10.90	9.71	-11%	58	57
Loudoun County,VA	4+ - Person HH	13.31	12.45	-6%	94	113
Prince William County/Cities,VA	1 - Person HH	4.18	3.58	-14%	31	132
Prince William County/Cities,VA	2 - Person HH	6.78	6.81	0%	88	183
Prince William County/Cities,VA	3 - Person HH	9.96	9.15	-8%	69	70
Prince William County/Cities,VA	4+ - Person HH	14.83	13.65	-8%	108	123

Table 2
Change in Household Trip Rates
1994 - 2007/2008

11-20-2009
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<i>Frederick County,MD</i>	<i>1 - Person HH</i>	3.82	3.76	-2%	43	80
<i>Frederick County,MD</i>	<i>2 - Person HH</i>	7.43	7.53	1%	93	144
<i>Frederick County,MD</i>	<i>3 - Person HH</i>	9.73	10.65	9%	58	55
<i>Frederick County,MD</i>	<i>4+ - Person HH</i>	14.70	14.23	-3%	86	84
<i>Charles County,MD</i>	<i>1 - Person HH</i>	3.37	4.50	34%	24	42
<i>Charles County,MD</i>	<i>2 - Person HH</i>	6.18	7.38	19%	93	106
<i>Charles County,MD</i>	<i>3 - Person HH</i>	10.45	7.93	-24%	50	45
<i>Charles County,MD</i>	<i>4+ - Person HH</i>	15.18	13.98	-8%	104	39
<i>Calvert County,MD</i>	<i>1 - Person HH</i>	4.48	4.73	6%	13	19
<i>Calvert County,MD</i>	<i>2 - Person HH</i>	6.50	6.54	1%	50	35
<i>Calvert County,MD</i>	<i>3 - Person HH</i>	9.14	10.18	11%	43	18
<i>Calvert County,MD</i>	<i>4+ - Person HH</i>	13.74	16.07	17%	55	32
<i>Stafford County,VA</i>	<i>1 - Person HH</i>	2.38	3.87	63%	13	22
<i>Stafford County,VA</i>	<i>2 - Person HH</i>	6.84	5.93	-13%	48	76
<i>Stafford County,VA</i>	<i>3 - Person HH</i>	9.41	9.82	4%	21	27
<i>Stafford County,VA</i>	<i>4+ - Person HH</i>	15.16	13.29	-12%	65	35

Source: 1994 & 2007 TPB Household Travel Surveys

Table 3
Change in Per Person Trip Rates
1994 - 2007/2008

	Age	1994	2007/2008	1994	2007/2008	1994	2007/2008	%
	<u>Group</u>	<u>HH Pop</u>	<u>HH Pop</u>	<u>Trips</u>	<u>Trips</u>	<u>Trip Rate</u>	<u>Trip Rate</u>	<u>Change</u>
Regional Averages	0-4		344,964		987,959		2.86	
	5-15	545,180	736,100	1,783,554	2,133,095	3.27	2.90	-11%
	16-24	376,801	385,383	1,385,523	1,219,381	3.68	3.16	-14%
	25-34	662,447	534,171	2,633,435	1,973,468	3.98	3.69	-7%
	35-44	779,068	732,595	3,295,343	2,910,523	4.23	3.97	-6%
	45-54	618,499	759,345	2,508,576	2,973,433	4.06	3.92	-3%
	55-64	302,651	605,490	1,122,121	2,190,209	3.71	3.62	-2%
	65+	385,511	499,395	1,085,485	1,564,513	2.82	3.13	11%
	5-65+	3,670,156	4,252,479	13,814,037	14,964,622	3.76	3.52	-7%
	0-65+		4,597,443		15,952,581		3.47	
Core Jurisdictions	0-4		55,403		176,875		3.19	
	5-15	63,230	87,618	193,786	242,566	3.06	2.77	-9%
	16-24	80,915	56,773	273,380	168,189	3.38	2.96	-12%
	25-34	151,980	154,983	605,286	624,265	3.98	4.03	1%
	35-44	149,280	127,232	630,131	528,637	4.22	4.15	-2%
	45-54	129,688	114,738	517,708	461,029	3.99	4.02	1%
	55-64	68,985	105,458	238,298	406,176	3.45	3.85	12%
	65+	108,763	88,935	299,951	268,276	2.76	3.02	9%
5-65+	752,840	735,736	2,758,540	2,699,137	3.66	3.67	0%	
Inner Suburbs	0-4		188,833		530,095		2.81	
	5-15	346,369	438,549	1,136,703	1,275,692	3.28	2.91	-11%
	16-24	210,961	225,114	802,091	719,659	3.8	3.20	-16%
	25-34	371,595	256,970	1,476,428	909,547	3.97	3.54	-11%
	35-44	489,760	396,759	2,099,676	1,552,754	4.29	3.91	-9%
	45-54	372,900	441,379	1,543,523	1,746,311	4.14	3.96	-4%
	55-64	180,134	361,653	701,038	1,273,166	3.89	3.52	-10%
	65+	229,914	307,483	669,893	979,645	2.91	3.19	10%

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	<u>Age</u>	<u>1994</u>	<u>2007/2008</u>	<u>1994</u>	<u>2007/2008</u>	<u>1994</u>	<u>2007/2008</u>	<u>%</u>
	<u>Group</u>	<u>HH Pop</u>	<u>HH Pop</u>	<u>Trips</u>	<u>Trips</u>	<u>Trip Rate</u>	<u>Trip Rate</u>	<u>Change</u>
	5-65+	2,201,632	2,427,907	8,429,352	8,456,774	3.83	3.48	-9%
Outer Suburbs	0-4		100,728		280,989		2.79	
Outer Suburbs	5-15	135,581	209,933	453,065	614,837	3.34	2.93	-12%
Outer Suburbs	16-24	84,925	103,496	310,052	331,533	3.65	3.20	-12%
Outer Suburbs	25-34	138,872	122,218	551,721	439,656	3.97	3.60	-9%
Outer Suburbs	35-44	140,028	208,604	565,536	829,132	4.04	3.97	-2%
Outer Suburbs	45-54	115,912	203,229	447,345	766,093	3.86	3.77	-2%
Outer Suburbs	55-64	53,533	138,379	182,785	510,867	3.41	3.69	8%
Outer Suburbs	65+	46,834	102,977	115,641	316,593	2.47	3.07	24%
	5-65+	715,684	1,088,836	2,626,145	3,808,711	3.67	3.50	-5%

Source: 1994 & 2007 TPB Household Travel Surveys

Table 4
Change in Percentage of Daily
Non-Motorized Trips
by Jurisdiction
1994 - 2007

Jurisdiction	1994			2007/2008		
	Walk	Bike	Non-Motorized	Walk	Bike	Non-Motorized
District of Columbia,DC	22%	1.3%	23%	26%	2.0%	28%
Arlington County,VA	10%	0.5%	11%	16%	1.2%	17%
Alexandria,VA	11%	0.6%	12%	17%	1.0%	18%
Montgomery County,MD	6%	0.4%	7%	10%	1.1%	11%
Prince George's County,MD	4%	0.2%	5%	7%	0.3%	7%
Fairfax County/Cities,VA	7%	0.4%	7%	6%	0.6%	7%
Loudoun County,VA	5%	0.5%	6%	5%	0.5%	5%
Prince William County/Cities,VA	4%	0.7%	5%	4%	0.2%	5%
Frederick County,MD	3%	0.5%	4%	6%	0.4%	6%
Calvert County,MD	2%	0.3%	2%	2%	0.2%	2%
Charles County,MD	3%	0.6%	4%	3%	0.2%	4%
Stafford County,VA	2%	0.3%	2%	2%	0.2%	2%
Region	8%	0.5%	8%	9%	0.7%	10%

Source: 1994 & 2007/2008 TPB Household Travel Surveys

Note: For comparison purposes with the 1994 HTS the 2007/2008 HTS data have been seasonally adjusted

Table 5
Change in Percentage of Daily
Transit Trips
by Jurisdiction
1994 - 2007/2008

	1994	2007/2008
Jurisdiction	Transit	Transit
District of Columbia,DC	16.7%	20.5%
Arlington County,VA	9.9%	10.5%
Alexandria,VA	8.7%	10.7%
Montgomery County,MD	4.6%	5.5%
Prince George's County,MD	3.9%	6.8%
Fairfax County/Cities,VA	4.2%	3.4%
Loudoun County,VA	0.8%	2.4%
Prince William County/Cities,VA	1.6%	2.1%
Frederick County,MD	0.5%	1.6%
Calvert County,MD	0.7%	1.2%
Charles County,MD	0.5%	1.8%
Stafford County,VA	1.2%	1.9%
Region	5.6%	6.9%

Source: 1994 & 2007/2008 TPB Household Travel Surveys

Note: For comparison purposes with the 1994 HTS the 2007/2008 HTS data have been seasonally adjusted