# Daily Vehicle Miles Traveled (DVMT) by Physical Jurisdiction, with Towns Combined into Counties

Public Road Segments within the Commonwealth of Virginia

### Road Length values temporarilly not included in this report pending publication of official road length values

Marche   M
Primary   Prim
Primary   Road   Primary   Road   Total   Primary   Road   P
Total   Length   Road   DVMT   VMT   (Miles   Length   DVMT   VMT   MILength   DVMT   VMT   MILength   DVMT   VMT   MILength   DVMT   VMT   MILength   DVMT   D
Jurisdiction   DVMT   VMT   (Miles)   Length   DVMT   VMT   MILES
Accomack County   311,667   0.49   871,383   0.95   0   0.00   1,183,050   0.53     Albemarle County   905,413   1.43   1,523,098   1.66   1,103,482   1.67   3,531,993   1.60     Alleghany County   121,022   0.19   133,552   0.15   428,514   0.65   683,088   0.31     Amelia County   172,154   0.27   320,095   0.35   0   0.00   492,249   0.22     Amherst County   201,517   0.32   739,924   0.80   0   0.00   941,441   0.43
Albemarle County 905,413 1.43 1,523,098 1.66 1,103,482 1.67 3,531,993 1.60   Alleghany County 121,022 0.19 133,552 0.15 428,514 0.65 683,088 0.31   Amelia County 172,154 0.27 320,095 0.35 0 0.00 492,249 0.22   Amherst County 201,517 0.32 739,924 0.80 0 0.00 941,441 0.43
Alleghany County 121,022 0.19 133,552 0.15 428,514 0.65 683,088 0.31   Amelia County 172,154 0.27 320,095 0.35 0 0.00 492,249 0.22   Amherst County 201,517 0.32 739,924 0.80 0 0.00 941,441 0.43
Amelia County 172,154 0.27 320,095 0.35 0 0.00 492,249 0.22   Amherst County 201,517 0.32 739,924 0.80 0 0.00 941,441 0.43
Amherst County 201,517 0.32 739,924 0.80 0 0.00 941,441 0.43
Appoint County 131,039 0.21 325,064 0.35 0 0.00 456,103 0.21
Arlington County 1,222,452 1.94 1,790,602 1.95 1,428,274 2.16 4,441,328 2.01
Augusta County 598,746 0.95 845,382 0.92 1,789,847 2.71 3,233,974 1.46
Bath County 45,758 0.07 88,465 0.10 0 0.00 134,223 0.06
Bedford County 612,386 0.97 1,025,585 1.12 0 0.00 1,637,972 0.74
Bland County 66,562 0.11 66,040 0.07 568,681 0.86 701,283 0.32
Botetourt County 240,246 0.38 653,718 0.71 1,001,912 1.52 1,895,876 0.86
Brunswick County <b>202,655</b> 0.32 <b>322,507</b> 0.35 <b>418,249</b> 0.63 <b>943,411</b> 0.43
Buchanan County <b>276,898</b> 0.44 <b>343,501</b> 0.37 <b>0</b> 0.00 <b>620,400</b> 0.28
Buckingham County 143,147 0.23 278,857 0.30 0 0.00 422,004 0.19
Campbell County 513,741 0.81 1,100,392 1.20 0 0.00 1,614,133 0.73
Caroline County 564,260 0.89 557,781 0.61 1,404,238 2.12 2,526,279 1.14
Carroll County <b>259,543</b> 0.41 <b>386,558</b> 0.42 <b>864,594</b> 1.31 <b>1,510,695</b> 0.68
Charles City County <b>74,758</b> 0.12 <b>97,942</b> 0.11 <b>0</b> 0.00 <b>172,699</b> 0.08
Charlotte County 108,479 0.17 274,292 0.30 0 0.00 382,771 0.17
Chesterfield County <b>2,660,006</b> 4.21 <b>4,372,630</b> 4.75 <b>1,274,796</b> 1.93 <b>8,307,433</b> 3.76
Clarke County 124,190 0.20 635,677 0.69 0 0.00 759,866 0.34
Craig County 35,961 0.06 64,208 0.07 0 0.00 100,169 0.05
Culpeper County 430,325 0.68 1,012,057 1.10 0 0.00 1,442,382 0.65
Cumberland County 77,885 0.12 140,567 0.15 0 0.00 218,451 0.10
Dickenson County 154,667 0.24 182,278 0.20 0 0.00 336,944 0.15
Dinwiddie County <b>265,352</b> 0.42 <b>373,802</b> 0.41 <b>627,218</b> 0.95 <b>1,266,372</b> 0.57
Essex County <b>105,943</b> 0.17 <b>306,601</b> 0.33 <b>0</b> 0.00 <b>412,544</b> 0.19
Fairfax County <b>8,536,139</b> 13.52 <b>9,518,685</b> 10.35 <b>8,855,590</b> 13.40 <b>26,910,415</b> 12.17
Fauquier County 679,495 1.08 1,886,819 2.05 847,997 1.28 3,414,311 1.54
Floyd County 139,577 0.22 199,586 0.22 0 0.00 339,163 0.15

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Public Road Segments within the Commonwealth of Virginia

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		Seconda	ary			Prima			Interst	ate		All Roads					
				%				%				%				%	
		%		of		%		of		%		of		%		of	
		of		Secondary		of		Primary		of		Interstate		of		State	
		Secondary	Road	Total		Primary	Road	Total		Interstate	Road	Total		State	Road	Total	
		Total	Length	Road		Total	Length	Road		Total	Length	Road		Total	Length	Road	
Jurisdiction	DVMT	VMT	(Miles)	Length	DVMT	VMT	(Miles)	Length	DVMT	VMT	(Miles)	Length	DVMT	VMT	(Miles)	Length	
Fluvanna County	185,848	0.29			239,663	0.26			48,474	0.07			473,985	0.21			
Franklin County	624,651	0.99			870,680	0.95			0	0.00			1,495,331	0.68			
Frederick County	599,759	0.95			1,251,393	1.36			1,127,072	1.71			2,978,225	1.35			
Giles County	87,353	0.14			450,482	0.49			0	0.00			537,836	0.24			
Gloucester County	252,165	0.40			751,632	0.82			0	0.00			1,003,797	0.45			
Goochland County	252,303	0.40			578,154	0.63			809,184	1.22			1,639,641	0.74			
Grayson County	104,147	0.16			192,257	0.21			0	0.00			296,404	0.13			
Greene County	121,136	0.19			306,859	0.33			0	0.00			427,995	0.19			
Greensville County	113,325	0.18			124,590	0.14			566,411	0.86			804,326	0.36			
Halifax County	311,023	0.49			695,164	0.76			0	0.00			1,006,188	0.45			
Hanover County	1,053,791	1.67			894,991	0.97			2,451,696	3.71			4,400,478	1.99			
Henrico County	3,115,661	4.93			1,629,085	1.77			3,487,452	5.28			8,232,198	3.72			
Henry County	440,843	0.70			1,006,968	1.09			0	0.00			1,447,811	0.65			
Highland County	22,468	0.04			46,030	0.05			0	0.00			68,498	0.03			
Isle of Wight County	353,936	0.56			833,495	0.91			0	0.00			1,187,431	0.54			
James City County	319,959	0.51			754,548	0.82			695,402	1.05			1,769,908	0.80			
King & Queen County	67,045	0.11			207,306	0.23			0	0.00			274,351	0.12			
King George County	86,831	0.14			717,720	0.78			0	0.00			804,551	0.36			
King William County	113,467	0.18			277,810	0.30			0	0.00			391,278	0.18			
Lancaster County	95,960	0.15			222,185	0.24			0	0.00			318,145	0.14			
Lee County	137,467	0.22			428,009	0.47			0	0.00			565,476	0.26			
Loudoun County	2,891,990	4.58			3,935,558	4.28			0	0.00			6,827,549	3.09			
Louisa County	308,039	0.49			467,451	0.51			597,667	0.90			1,373,157	0.62			
Lunenburg County	108,490	0.17			140,298	0.15			0	0.00			248,788	0.11			
Madison County	98,027	0.16			403,916	0.44			0	0.00			501,943	0.23			
Mathews County	44,602	0.07			138,484	0.15			0	0.00			183,086	0.08			
Mecklenburg County	378,094	0.60			562,933	0.61			432,054	0.65			1,373,081	0.62			
Middlesex County	71,655	0.11			264,825	0.29			0	0.00			336,480	0.15			
Montgomery County	726,068	1.15			1,094,356	1.19			1,124,059	1.70			2,944,483	1.33			
Nansemond Maintenance Area	64	0.00			0	0.00			0	0.00			64	0.00			
Nelson County	94,101	0.15			527,375	0.57			42,061	0.06			663,537	0.30			

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	Secondary					ry			Interst	ate		All Roads					
			%				%				%				%		
	%		of		%		of		%		of		%		of		
	of		Secondary		of		Primary		of		Interstate		of		State		
	Secondary	Road	Total		Primary	Road	Total		Interstate	Road	Total		State	Road	Total		
	Total	Length	Road		Total	Length	Road		Total	Length	Road		Total	Length	Road		
Jurisdiction <b>DVMT</b>	VMT	(Miles)	Length	DVMT	VMT	(Miles)	Length	DVMT	VMT	(Miles)	Length	DVMT	VMT	(Miles)	Length		
New Kent County 108,810	0.17			335,601	0.36			1,200,608	1.82			1,645,018	0.74				
Northampton County 96,058	0.15			605,183	0.66			0	0.00			701,241	0.32				
Northumberland County 111,083	0.18			204,263	0.22			0	0.00			315,346	0.14				
Nottoway County 199,801	0.32			380,348	0.41			0	0.00			580,149	0.26				
Orange County 204,731	0.32			572,418	0.62			0	0.00			777,149	0.35				
Page County 148,202	0.23			315,062	0.34			0	0.00			463,263	0.21				
Patrick County 165,204	0.26			249,584	0.27			0	0.00			414,788	0.19				
Pittsylvania County 656,116	1.04			1,056,619	1.15			0	0.00			1,712,735	0.77				
Powhatan County 293,648	0.47			540,471	0.59			0	0.00			834,119	0.38				
Prince Edward County 158,402	0.25			525,429	0.57			0	0.00			683,831	0.31				
Prince George County 313,537	0.50			495,138	0.54			676,204	1.02			1,484,880	0.67				
Prince William County 3,122,115	4.95			2,979,901	3.24			3,167,438	4.79			9,269,454	4.19				
Pulaski County 301,141	0.48			387,729	0.42			670,998	1.02			1,359,868	0.61				
Rappahannock County 58,493	0.09			197,038	0.21			0	0.00			255,531	0.12				
Richmond County 71,149	0.11			243,994	0.27			0	0.00			315,143	0.14				
Roanoke County 518,079	0.82			937,983	1.02			957,314	1.45			2,413,375	1.09				
Rockbridge County 176,585	0.28			313,890	0.34			1,283,602	1.94			1,774,078	0.80				
Rockingham County 599,881	0.95			1,083,155	1.18			924,201	1.40			2,607,237	1.18				
Russell County 201,281	0.32			647,366	0.70			0	0.00			848,647	0.38				
Scott County 193,796	0.31			536,901	0.58			0	0.00			730,697	0.33				
Shenandoah County 261,078	0.41			409,386	0.45			1,503,462	2.27			2,173,927	0.98				
Smyth County 266,877	0.42			236,010	0.26			610,428	0.92			1,113,315	0.50				
Southampton County 260,489	0.41			739,590	0.80			0	0.00			1,000,078	0.45				
Spotsylvania County 1,029,415	1.63			1,143,762	1.24			1,234,619	1.87			3,407,796	1.54				
Stafford County 1,255,478	1.99			879,529	0.96			2,160,748	3.27			4,295,754	1.94				
Surry County 57,821	0.09			117,444	0.13			0	0.00			175,265	0.08				
Sussex County 97,946	0.16			330,403	0.36			580,887	0.88			1,009,237	0.46				
Tazewell County 280,819	0.44			827,334	0.90			0	0.00			1,108,153	0.50				
Warren County 252,534	0.40			438,125	0.48			513,910	0.78			1,204,568	0.54				
Washington County 443,636	0.70			579,771	0.63			969,158	1.47			1,992,565	0.90				
Westmoreland County 142,219	0.23			258,835	0.28			0	0.00			401,053	0.18				

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	Seconda	ary			Prima			Interst	ate		All Roads				
			%				%				%				%
	%		of		%		of		%		of		%		of
	of		Secondary		of		Primary		of		Interstate		of		State
	Secondary	Road	Total		Primary	Road	Total		Interstate	Road	Total		State	Road	Total
	Total	Length	Road		Total	Length	Road		Total	Length	Road		Total	Length	Road
Jurisdiction <b>DVMT</b>	VMT	(Miles)	Length	DVMT	VMT	(Miles)	Length	DVMT	VMT	(Miles)	Length	DVMT	VMT	(Miles)	Length
Wise County <b>340,927</b>	0.54			807,662	0.88			0	0.00			1,148,590	0.52		
Wythe County 238,486	0.38			343,774	0.37			1,441,928	2.18			2,024,187	0.92		
York County 385,615	0.61			985,518	1.07			732,048	1.11			2,103,180	0.95		
City of Alexandria 542,709	0.86			774,808	0.84			808,278	1.22			2,125,796	0.96		
City of Bedford 21,071	0.03			121,547	0.13			0	0.00			142,618	0.06		
City of Bristol 130,085	0.21			133,799	0.15			346,985	0.53			610,869	0.28		
City of Buena Vista 22,396	0.04			34,502	0.04			0	0.00			56,898	0.03		
City of Charlottesville 290,444	0.46			291,937	0.32			6,975	0.01			589,356	0.27		
City of Chesapeake 1,822,012	2.89			2,294,096	2.49			1,797,254	2.72			5,913,362	2.67		
City of Colonial Heights 131,392	0.21			122,451	0.13			324,791	0.49			578,634	0.26		
City of Covington 21,741	0.03			58,989	0.06			16,761	0.03			97,490	0.04		
City of Danville 253,569	0.40			689,771	0.75			0	0.00			943,340	0.43		
City of Emporia 41,589	0.07			89,340	0.10			61,396	0.09			192,325	0.09		
City of Fairfax 105,929	0.17			394,678	0.43			0	0.00			500,607	0.23		
City of Falls Church 56,356	0.09			100,629	0.11			0	0.00			156,986	0.07		
City of Franklin 67,513	0.11			22,486	0.02			0	0.00			89,999	0.04		
City of Fredericksburg 159,031	0.25			353,552	0.38			431,192	0.65			943,775	0.43		
City of Galax 62,086	0.10			86,998	0.09			0	0.00			149,084	0.07		
City of Hampton 1,267,255	2.01			864,478	0.94			1,650,854	2.50			3,782,587	1.71		
City of Harrisonburg 257,955	0.41			282,959	0.31			318,165	0.48			859,079	0.39		
City of Hopewell 106,799	0.17			124,730	0.14			102,199	0.15			333,728	0.15		
City of Lexington 19,491	0.03			37,637	0.04			0	0.00			57,128	0.03		
City of Lynchburg 504,944	0.80			1,108,993	1.21			0	0.00			1,613,937	0.73		
City of Manassas 560,092	0.89			169,748	0.18			0	0.00			729,840	0.33		
City of Manassas Park 38,150	0.06			30,215	0.03			0	0.00			68,365	0.03		
City of Martinsville 132,147	0.21			111,459	0.12			0	0.00			243,606	0.11		
City of Newport News 1,070,716	1.70			1,628,272	1.77			1,650,269	2.50			4,349,258	1.97		
City of Norfolk <b>1,025,624</b>	1.62			1,961,570	2.13			2,544,498	3.85			5,531,692	2.50		
City of Norton 30,514	0.05			100,600	0.11			0	0.00			131,114	0.06		
City of Petersburg 226,350	0.36			257,518	0.28			488,211	0.74			972,079	0.44		
City of Poquoson 64,293	0.10			55,505	0.06			0	0.00			119,799	0.05		

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2012

		Second	ary			Prima	ry			Interst	ate		All Roads				
	'			%				%				%				%	
		%		of		%		of		%		of		%		of	
		of		Secondary		of		Primary		of		Interstate		of		State	
		Secondar	y Road	Total		Primary	Road	Total		Interstate	Road	Total		State	Road	Total	
		Total	Length	Road		Total	Length	Road		Total	Length	Road		Total	Length	Road	
Jurisdiction	DVMT	VMT	(Miles)	Length	DVMT	VMT	(Miles)	Length	DVMT	VMT	(Miles)	Length	DVMT	VMT	(Miles)	Length	
City of Portsmouth	486,786	0.77			819,178	0.89		_	375,607	0.57			1,681,572	0.76		·	
City of Radford	118,660	0.19			84,303	0.09			0	0.00			202,963	0.09			
City of Richmond	1,550,170	2.46			1,643,774	1.79			1,720,198	2.60			4,914,142	2.22			
City of Roanoke	766,501	1.21			928,487	1.01			364,291	0.55			2,059,279	0.93			
City of Salem	154,352	0.24			268,692	0.29			22,579	0.03			445,624	0.20			
City of Staunton	101,387	0.16			241,048	0.26			0	0.00			342,435	0.15			
City of Suffolk	540,692	0.86			1,912,056	2.08			345,969	0.52			2,798,717	1.27			
City of Virginia Beach	3,750,389	5.94			2,159,503	2.35			1,982,529	3.00			7,892,420	3.57			
City of Waynesboro	141,452	0.22			144,119	0.16			102,051	0.15			387,621	0.18			
City of Williamsburg	87,428	0.14			171,586	0.19			0	0.00			259,014	0.12			
City of Winchester	231,192	0.37			142,665	0.16			4,291	0.01			378,148	0.17			
Statewide Total:	63,134,968	100.00			91,975,757	100.00			66,087,821	100.00			221,198,546	100.00			

'Secondary' includes those routes in the VDOT secondary system, (unnumbered) routes maintained by Arlington and Henrico Counties and unnumbered routes maintained by cities and towns.

 $\label{thm:continuity:equation:continuity:eq$ 

Primary' also includes the named federal parkways (George Washington Pkwy, Colonial Pkwy, Blue Ridge Pkwy, Skyline Drive) and the Dulles Access road.

'Interstate' includes those routes in the Interstate System.

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Rounding errors may occur resulting in minor variances in totals.