

2010

**Virginia Department of Transportation
Daily Traffic Volume Estimates
Including Vehicle Classification Estimates**

where available

Jurisdiction Report

45

Highland County
Town of Monterey

Prepared By

**Virginia Department of Transportation
Traffic Engineering Division**

In Cooperation With

**U.S. Department of Transportation
Federal Highway Administration**

Virginia Department of Transportation
Traffic Engineering Division
Traffic Monitoring Section

The Virginia Department of Transportation (VDOT) conducts a program where traffic count data are gathered from sensors in or along streets and highways and other sources. From these data, estimates of the average number of vehicles that traveled each segment of road are calculated. VDOT periodically publishes booklets listing these estimates.

One of these booklets, titled “Average Daily Traffic Volumes with Vehicle Classification Data, on Interstate, Arterial and Primary Routes” includes a list of each Interstate and Primary highway segment with the estimated Annual Average Daily Traffic (AADT) for that segment. AADT is the total annual traffic estimate divided by the number of days in the year. This booklet also includes information such as estimates of the percentage of the AADT made up by 6 different vehicle types, ranging from cars to double trailer trucks; estimated Annual Average Weekday Traffic (AAWDT), which is the number of vehicles estimated to have traveled the segment of highway during a 24 hour weekday averaged over the year; as well as Peak Hour and Peak Direction factors used by planners to formulate design criteria.

In addition to the Primary and Interstate publication, one hundred books are published periodically, one for each of 100 areas across the state defined by VDOT for record-keeping purposes. These books include traffic volume estimates for roads within the county, cities, and towns within the area. These books are titled “Daily Traffic Volumes Including Vehicle Classification Estimates, where available; Jurisdiction Report numbers 00 through 99”.

Also available are a number of reports summarizing the average Vehicle Miles Traveled (VMT) in selected jurisdictions and other categories of highways. There are many different ways to present traffic volume summary information. Because the user determines the value of each presentation, the reports have been redesigned based on user requests and feedback. The people of the VDOT Traffic Engineering Division Traffic Monitoring Section who produce these books welcome requests for other helpful ways of presenting the summary information.

A compact disc (CD) is available that includes files in the Adobe® Portable Document Format (PDF) that can be displayed, searched, and printed using common desktop computer equipment. The CD includes the publications described above as well as a number of other reports, including specialized VMT summaries and smaller AADT reports for each city and town separately.

Publication Notes

Parallel Roads

For road inventory and management purposes, some roadways are counted separately by direction and have separately published traffic estimates for each direction of travel. Examples of such roadways are the interstate system and routes with separated facilities and (usually) one-way traffic facilities in urban areas. In these publications, they are referred to as parallel roads. As a convenience for the users of the publication, the listing for segments of roads with parallel segments are published with both the traffic estimates for their own direction of travel (e.g. I-95 Northbound) as well as the estimate of the total of all traffic on the same route including parallel roadways (all directions of I-95). The publication will have a “Combined Traffic Estimates for Parallel Roadways on this Route” or “Combined Traffic” identifiers for the combined direction of travel estimates.

Roadways such as I-395 with a North segment, a South segment and a separate Reversible lane segment will have the estimate for more than two parallel roadways included in the entire combined traffic estimate.

Some routes have very complicated paths through cities and towns. These parallel paths may be too complex to allow a relationship between nearby sections of the opposite direction on the same route. In this case, to indicate that the traffic estimates for such a road segment may not include all directions of traffic on that route, the line that would list the combined values will indicate “NA” for not available.

VDOT’s traffic monitoring program includes more than 100,000 segments of roads and highways ranging from several mile sections of Interstate highways to very short sections of city streets. Due to problems experienced obtaining some traffic count data, and the level of quality necessary to maintain confidence in the data, no estimate is currently available for some segments of roadway. These segments are included in the publications indicating “NA” for not available. It is the intention of the VDOT Traffic Engineering Division Traffic Monitoring group to obtain the data necessary and to report traffic volume estimates on all road segments included in these publications.

Many of the road segments in this program are local secondary roads. The amount and detail of data collected on these roads are not as great as the data collected on higher volume roads. The vehicle classification, average weekday traffic volumes, and the theoretical design hour traffic volumes are not calculated for these roads. The publications indicate “NA” for the information that is not available.

This publication is based on a traffic monitoring program initiated in 1997. Because the data collection techniques and statistical evaluation processes are different than those used in previous years, comparison with previous publications may be misleading.

Glossary of Terms:

Route: The Route Number assigned to this segment of roadway with the master inventory route number if this is an overlapping route, with official street or highway name if available.

Length: Length of the traffic segment in miles.

AADT: Annual Average Daily Traffic. The estimate of typical daily traffic on a road segment for all days of the week, Sunday through Saturday, over the period of one year.

QA: Quality of AADT:

- A Average of Complete Continuous Count Data
- B Average of Selected Continuous Count Data
- F Factored Short Term Traffic Count Data
- G Factored Short Term Traffic Count Data with Growth Element
- H Historical Estimate
- M Manual Uncounted Estimate
- N AADT of Similar Neighboring Traffic Link
- O Provided By External Source
- R Raw Traffic Count, Unfactored

4Tire: Percentage of the traffic volume made up of motorcycles, passenger cars, vans and pickup trucks.

Bus: Percentage of the traffic volume made up of busses.

2Axle Truck: Percentage of the traffic volume made up of 2 axle single unit trucks (not including pickups and vans).

3+Axle Truck: Percentage of the traffic volume made up of single unit trucks with three or more axles.

1Trail Truck: Percentage of the traffic volume made up of units with a single trailer.

2Trail Truck: Percentage of the traffic volume made up of units with more than one trailer.

QC: Quality of Classification Data:

- A Average of Complete Continuous Count Data
- B Average of Selected Continuous Count Data
- C Short Term Classified Traffic Count Data
- F Factored Short Term Traffic Count Data
- H Historical Estimate
- M Mass Collective Average
- N Classification Estimates of Similar Neighboring Traffic Link

K Factor: The estimate of the portion of the traffic volume traveling during the peak hour or design hour.

QK: Quality of the K Factor estimate:

- A Factor based on 30th Highest Hour Observed During at least 250 days of Continuous Traffic Data
- B Factor based on other Hour Observed During Less than 250 days of Continuous Traffic Data
- F Factor based on Highest Hour Collected at in a 48 Hour Weekday Period
- M Factor based on Manual Estimate of design hour
- N Design Hour Factor (K Factor) of Similar Neighboring Traffic Link
- O Provided by External Source

Dir Factor: The estimate of the portion of the traffic volume traveling in the peak direction during the peak hour..

AAWDT: Average Annual Weekday Traffic. The estimate of typical traffic over the period of one year for the days between Monday through Thursday inclusive.

QW: Quality of AAWDT:

- A Average of Complete Continuous Count Data
- B Average of Selected Continuous Count Data
- F Factored Short Term Traffic Count Data
- G Factored Short Term Traffic Count Data with Growth Element
- M Manual Uncounted Estimate
- N AAWDT of Similar Neighboring Traffic Link
- O Provided by External Source

Year: Year for which the published values are appropriate. If the Quality of AADT (QA) is "R", the year is the year that the raw traffic count was collected, and if available,

Route Shield Legend

Route Systems



Interstate Route

Traffic volume data for Interstate Routes and some other routes are reported separately by direction, as well as combined.



US Route



Virginia State Route



Frontage Road (F precedes frontage route number)



Secondary Route

Special Routes



Bus - Business Route

Bypas - Bypass Route

Truck - Truck Route



ALT - Alternate Route

Wve - Wve Route connector



P - Parallel Route; Southbound or Westbound direction lanes of a numbered route where they are on a different road facility than the other direction.



The VDOT Maintenance Jurisdiction number is displayed below the Secondary Route Number if the Maintenance Jurisdiction is different than the jurisdiction in the title of the report.

Virginia Department of Transportation
Traffic Engineering Division
2010
Annual Average Daily Traffic Volume Estimates By Section of Route
Highland Maintenance Area

Route	Length	AADT	QA	4Tire	Bus	Truck				QC	K Factor	QK	Dir Factor	AAWDT	QW	Year
						2Axle	3+Axle	1Trail	2Trail							
Highland County																
(694) Little Valley	0.10	80	N								NA		NA			09/19/2006
(600) Lower Back Creek Rd	2.89	80	G	97%	1%	2%	1%	0%	0%	C	NA		90	G		2010
(600)	2.50	140	R								NA		NA			05/08/2009
(600)	4.69	70	R								NA		NA			05/08/2009
(600)	1.75	10	R								NA		NA			07/11/2006
(600)	3.35	30	R								NA		NA			05/08/2009
(601)	1.60	4	R								NA		NA			07/11/2006
(602)	0.20	10	R								NA		NA			07/11/2006
(603)	0.60	30	R								NA		NA			07/11/2006
(604)	1.20	30	R								NA		NA			07/11/2006
(604)	3.40	46	R								NA		NA			07/11/2006
(605)	1.00	40	R								NA		NA			07/11/2006
(606)	1.25	40	R								NA		NA			07/11/2006
(606)	1.35	10	R								NA		NA			05/08/2009
(607)	1.60	170	R								NA		NA			06/23/2003
(607)	7.47	120	R								NA		NA			05/08/2009
(607)	0.30	120	R								NA		NA			05/08/2009
(607)	1.80	100	R								NA		NA			05/08/2009
(608)	0.70	20	R								NA		NA			07/11/2006
(609) Burnsville Rd	3.24	100	G	89%	4%	5%	2%	1%	0%	C	0.162	F	0.647	100	G	2010
(610)	0.07	10	R								NA		NA			08/01/2006

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						2Axle	3+Axle	1Trail	2Trail							
Highland County																
610	0.76	20	R			From: 0.07 MN 45-609						NA		NA		08/01/2006
						To: 45-678										
611	0.60	60	R			From: US 220						NA		NA		07/11/2006
						To: Dead End										
612	5.20	20	R			From: 45-678 Bullpasture River Rd						NA		NA		08/01/2006
						To: 45-614										
613	1.10	4	R			From: 45-614						NA		NA		08/01/2006
						To: Dead End										
614	3.86	60	R			From: Bath County Line						NA		NA		08/01/2006
						To: GW Natl For Bndy										
614	0.12	30	R			From: 0.12 ME of Bndy						NA		NA		08/01/2006
						To: 0.34 ME of Bndy										
614	0.34	30	R			From: 0.46 ME of Bndy						NA		NA		08/01/2006
						To: 45-613										
614	2.60	40	R			From: 45-612						NA		NA		08/01/2006
						To: 45-616										
614	1.34	50	R			From: US 250						NA		NA		08/01/2006
						To: 45-619										
614	3.06	60	R			From: West Virginia State Line						NA		NA		08/01/2006
						To: US 250										
615	4.60	40	R			From: 45-678						NA		NA		08/01/2006
						To: 45-614										
616	4.22	150	R			From: US 250 S, Highland Turnpike						NA		NA		04/23/2009
						To: US 250 N, Highland Turnpike										
616	2.60	20	R			From: Dead End						NA		NA		08/01/2006
						To: 45-624										
617	2.19	20	R			From: 45-618						NA		NA		08/01/2006
						To: 45-654 N, Johnston Rd										
617	5.48	110	R			From: 45-654 S, Johnston Rd						NA		NA		08/01/2006
						To: Dead End										
617	2.20	10	R			From: 45-614						NA		NA		08/01/2006
						To: Dead End; Gap										
618	2.70	80	R			From: 45-654 N, Johnston Rd						NA		NA		08/01/2006
						To: 45-654 S, Johnston Rd										
618	0.80	120	R			From: 45-617						NA		NA		04/23/2009
						To: 45-617										

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Route	Length	AADT	QA	4Tire	Bus	-----Truck-----				QC	K Factor	QK	Dir Factor	AAWDT	QW	Year
						2Axle	3+Axle	1Trail	2Trail							
Highland County																
(619)	0.69	90	R				From: 45-654 Johnston Rd							NA	NA	08/01/2006
(619)	1.21	70	R				To: 0.69 ME 45-654							NA	NA	08/01/2006
(619)	2.01	80	R				From: 45-648							NA	NA	05/06/2009
(619)							To: 45-614									
(620)	1.70	30	R				From: 45-654 Johnston Rd							NA	NA	07/18/2006
(620)	1.80	10	R				To: West Virginia State Line							NA	NA	07/18/2006
(620)	2.77	20	R				From: 45-614 NORTH 45-614 SOUTH							NA	NA	07/18/2006
(620)							To: West Virginia State Line									
(621)	1.18	300	R				From: Dead End							NA	NA	07/18/2006
(621)							To: 45-636									
(622)	0.60	70	R				From: 45-654 Johnston Rd							NA	NA	07/18/2006
(622)	1.50	40	R				To: 45-623							NA	NA	07/18/2006
(622)							To: West Virginia State Line									
(623)	0.90	20	R				From: Dead End							NA	NA	07/18/2006
(623)							To: 45-622									
(624)	0.10	40	R				From: 45-629							NA	NA	07/18/2006
(624)	6.00	20	R				To: 45-628							NA	NA	07/18/2006
(624)	1.60	70	R				From: 45-617							NA	NA	05/06/2009
(624)							To: 45-654 Johnston Rd									
(625)	0.10	50	R				From: Dead End							NA	NA	07/18/2006
(625)	1.90	100	R				To: US 220							NA	NA	07/18/2006
(625)							To: West Virginia State Line									
(626)	1.60	20	R				From: Dead End							NA	NA	07/18/2006
(626)							To: US 220									
(627)	0.30	20	R				From: Dead End							NA	NA	07/18/2006
(627)							To: US 220									
(628)	0.80	20	R				From: Dead End							NA	NA	07/18/2006
(628)							To: 45-624									
(629)	4.18	350	R				From: US 250							NA	NA	07/18/2006
(629)							To: US 220									
(630)	0.52	30	R				From: Dead End							NA	NA	07/18/2006
(630)							To: 45-629									
(631)	2.00	90	R				From: US 250							NA	NA	07/18/2006
(631)							To: 45-629									

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Route	Length	AADT	QA	4Tire	Bus	Truck				QC	K Factor	QK	Dir Factor	AAWDT	QW	Year
						2Axle	3+Axle	1Trail	2Trail							
Highland County																
(632)	1.97	60	R								NA		NA			05/06/2009
(633)	0.80	47	R								NA		NA			07/18/2006
(634)	1.20	90	R								NA		NA			07/18/2006
(635)	1.00	170	R								NA		NA			07/18/2006
(636)	0.46	140	R								NA		NA			07/18/2006
(636)	0.63	550	R								NA		NA			07/18/2006
Town of Monterey																
(636) Spruce St	0.31	550	N								NA		NA			07/18/2006
(636) Spruce St; Maple St	0.04	550	R								NA		NA			07/18/2006
Highland County																
(637)	1.80	60	R								NA		NA			07/11/2006
(637)	3.00	60	R								NA		NA			07/11/2006
(637)	5.30	150	R								NA		NA			07/11/2006
(638)	1.00	30	R								NA		NA			07/11/2006
(639)	0.50	30	R								NA		NA			07/11/2006
(640) Meadowdale Rd	1.10	110	G	92%	0%	2%	0%	6%	0%	C	0.137	F	0.533	120	G	2010
(640) Meadowdale Rd	3.22	90	G	92%	0%	2%	0%	6%	0%	F	0.144	F	0.568	100	G	2010
(640) Blue Grass Valley Rd	5.20	120	G	94%	0%	2%	4%	0%	0%	F	0.135	F	0.675	130	G	2010
(640) Blue Grass Valley Rd	1.30	240	G	94%	0%	2%	4%	0%	0%	F	0.122	F	0.72	260	G	2010
(640) Bluegrass Valley Rd	0.70	360	G	94%	0%	2%	4%	0%	0%	C	0.113	F	0.521	390	G	2010
(640)	0.40	210	R								NA		NA			05/06/2009
(640)	0.80	220	R								NA		NA			07/11/2006
(640)	2.40	90	R								NA		NA			05/06/2009

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						2Axle	3+Axle	1Trail	2Trail								
Highland County																	
(641)	0.45	90	R			From: 45-640					NA			NA		05/06/2009	
(641)	0.25	40	R			From: 45-657					NA			NA		07/11/2006	
						To: Dead End											
(642)	11.50	30	R			From: West Virginia State Line					NA			NA		07/11/2006	
(642)	1.20	100	R			From: 45-643					NA			NA		07/11/2006	
(642)						To: 45-640 WEST											
(642)	Blue Grass Valley Rd	2.60	520	G	93%	1%	3%	3%	1%	0%	C	0.126	F	0.659	570	G	2010
						To: US 220 Potomac River Rd											
(643)	1.10	40	R			From: 45-642					NA			NA		07/11/2006	
						To: 45-644											
(644)	1.60	70	R			From: 45-640					NA			NA		05/06/2009	
(644)	3.90	40	R			From: 45-643					NA			NA		05/06/2009	
						To: West Virginia State Line											
(645)	0.20	140	R			From: US 250 WEST					NA			NA		04/23/2009	
(645)	0.09	30	R			From: 45-654 Johnston Rd					NA			NA		04/23/2009	
						To: US 250 EAST											
(646)	0.15	30	R			From: Dead End					NA			NA		07/11/2006	
						To: 45-637											
(647)	1.01	100	R			From: 45-632					NA			NA		07/18/2006	
						To: Dead End											
(648)	0.80	20	R			From: 45-619					NA			NA		08/01/2006	
						To: Dead End											
(649)	0.50	1000	R			From: Dead End					NA			NA		05/06/2009	
						To: US 250											
(650)	0.15	20	R			From: Dead End					NA			NA		05/06/2009	
						To: 45-640											
(651)	0.07	9	R			From: 45-654 Johnston Rd					NA			NA		04/23/2009	
						To: Dead End											
(652)	0.09	70	R			From: US 250					NA			NA		08/01/2006	
						To: WCL Monterey											
Town of Monterey																	
(652)	0.05	70	N			From: WCL Monterey					NA			NA		08/01/2006	
						To: ECL Monterey											
Highland County																	
(652)	0.06	70	N			From: ECL Monterey					NA			NA		08/01/2006	
						To: Dead End											

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						2Axle	3+Axle	1Trail	2Trail								
Highland County																	
(653)	0.60	20	R								NA		NA		08/01/2006		
(654)	Doe Hill Rd	0.91	520	G	91%	1%	3%	2%	3%	0%	C	0.096	F	0.661	570	G	2010
(654)	Johnston Rd	3.67	340	G	91%	1%	3%	2%	3%	0%	F	0.117	F	0.779	370	G	2010
(654)	Johnston Rd	2.95	180	G	91%	1%	3%	2%	3%	0%	F	0.127	F	0.559	200	G	2010
(654)	Johnston Rd	1.54	140	G	91%	1%	3%	2%	3%	0%	F	0.138	F	0.688	150	G	2010
(655)		0.15	10	R							NA		NA		07/18/2006		
(656)		0.04	20	R							NA		NA		06/18/2003		
(657)		0.37	30	R							NA		NA		07/11/2006		
(660)		0.12	20	R							NA		NA		08/01/2006		
(678)		3.83	130	R							NA		NA		08/01/2006		
(678)	Bullpasture River Rd	0.49	170	G	89%	1%	2%	6%	3%	0%	F	0.172	F	0.743	180	G	2010
(678)	Bullpasture River Rd	3.12	180	G	89%	1%	2%	6%	3%	0%	F	0.165	F	0.627	200	G	2010
(678)	Bullpasture River Rd	3.32	160	G	89%	1%	2%	6%	3%	0%	F	0.116	F	0.563	180	G	2010
(678)	Bullpasture River Rd	2.82	260	G	89%	1%	2%	6%	3%	0%	C	0.116	F	0.514	280	G	2010
Town of Monterey																	
(1001)		0.04	130	R							NA		NA		05/06/2009		
(1002)	Walnut St	0.05	60	R							NA		NA		05/06/2009		
(1002)	Walnut St	0.20	320	R							NA		NA		05/06/2009		
(1003)	Water St	0.04	440	R							NA		NA		05/06/2009		
(1003)	Water St	0.04	320	R							NA		NA		05/06/2009		
(1004)	Fleisher Ave	0.16	350	R							NA		NA		07/18/2006		
(1005)	Wilson Ave	0.09	490	R							NA		NA		07/18/2006		

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Route	Length	AADT	QA	4Tire	Bus	Truck				QC	K Factor	QK	Dir Factor	AAWDT	QW	Year
						2Axle	3+Axle	1Trail	2Trail							
Town of Monterey																
(1005) Wilson Ave	0.10	100	R				From: 45-1004 Fleisher Ave					NA		NA		07/18/2006
							To: NCL Monterey									
Highland County																
(1005)	0.16	100	N				From: NCL Monterey					NA		NA		07/18/2006
							To: Dead End									
Town of Monterey																
(1006) Sieg Alley	0.25	160	R				From: Dead End					NA		NA		05/06/2009
							To: 45-636 Spruce St									
Highland County																
(1007)	0.14	70	R				From: Dead End					NA		NA		05/06/2009
							To: SCL Monterey									
Town of Monterey																
(1007)	0.08	70	N				From: SCL Monterey					NA		NA		05/06/2009
							To: 45-1006 Sieg Alley									
Highland County																
(1010)	0.12	110	R				From: 45-1011					NA		NA		07/18/2006
							To: 45-636									
(1011)	0.07	70	R				From: 45-1010					NA		NA		07/18/2006
							To: Cul-de-Sac									
Town of Monterey																
(1032)	0.13	120	R				From: 45-636					NA		NA		05/06/2009
							To: 45-636 Spruce St									
Highland County																
(9506)	0.15	40	R				From: 45-678					NA		NA		1986
							To: McDowell Elem Sch									
(9965)	0.17	680	R				From: Cul-de-Sac					NA		NA		05/01/2003
							To: 45-649									
Town of Monterey																
(1126) 9R	0.29	NA					From: 98-1125					NA		NA		
							To: End of Loop									
(1127) 9R	0.04	NA					From: Cul-de-Sac					NA		NA		
							To: 98-1126									