

**2011**  
**Virginia Department of Transportation**  
**Daily Traffic Volume Estimates**  
**Including Vehicle Classification Estimates**

where available

**Special Locality Report**

**223**

Town of Glasgow

Information in this report is included in Report

**81**

(Rockbridge County)

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.

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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  
 2011  
 Annual Average Daily Traffic Volume Estimates By Section of Route  
 Town of Glasgow

Route	Jurisdiction	Length	AADT	QA	4Tire	Bus	-----Truck-----				QC	K Factor	QK	Dir Factor	AAWDT	QW	
							2Axle	3+Axle	1Trail	2Trail							
130	1	Town of Glasgow (Maint: 81)	1.60	3300	N	94%	1%	1%	1%	3%	0%	N	0.109	N	0.529	3400	N
	From: WCL Glasgow	To: ECL Glasgow															

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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							
<b>Town of Glasgow</b>																
(679/81) Second St	0.07	30	R								NA			NA		08/02/2004
						From: Dead End										
						To: 81-1115 Pocahontas St										
(679/81) Second St	0.06	80	R								NA			NA		10/03/2007
						From: 81-1105 N, Catawba St										
						To: 81-1105 S, Catawba St										
(679/81) Second St	0.07	500	R								NA			NA		08/02/2004
						From: WCL Glasgow										
						To: Dead End										
(684/81) Blue Ridge Rd	0.50	90	R								NA			NA		07/28/2004
						From: SR 130 Rockbridge Rd										
(684/81) Blue Ridge Rd	0.18	3400	G	96%	1%	1%	1%	2%	0%	C	0.121	F	0.550	3500	G	2011
						From: 81-783 Anderson St										
(684/81) Blue Ridge Rd	0.14	1600	G	96%	1%	1%	1%	2%	0%	F	0.092	F	0.552	1700	G	2011
						From: 81-1106 Powhatan St										
(684/81) Blue Ridge Rd	0.26	990	G	96%	1%	1%	1%	2%	0%	F	0.107	F	0.598	1000	G	2011
						From: 81-1104 Shawnee St										
(684/81) Blue Ridge Rd	0.36	840	G	96%	1%	1%	1%	2%	0%	F	0.111	F	0.664	880	G	2011
						From: WCL Glasgow										
						To: 81-1112 Twelfth St										
(783/81) Anderson St	0.12	110	R								NA			NA		10/09/2007
						From: 81-1114 Eleventh St										
(783/81) Anderson St	0.30	220	R								NA			NA		07/28/2004
						From: 81-684 Blue Ridge Rd										
(783/81) Anderson St	0.28	2200	R								NA			NA		10/03/2007
						From: 81-1101 Sixth St										
						To: 81-1111 Virginia St										
(784/81) Tenth St	0.07	140	R								NA			NA		07/28/2004
						From: 81-1110 Kanawha St										
(784/81) Tenth St	0.06	150	R								NA			NA		10/09/2007
						From: SR 130 Rockbridge Rd										
(784/81) Tenth St	0.10	420	R								NA			NA		07/28/2004
						From: 81-783 Anderson St										
(784/81) Tenth St	0.07	100	R								NA			NA		10/09/2007
						From: 81-1107 McCulloch St										
						To: SR 130 Rockbridge Rd										
(826/81) Pine View Dr	0.05	100	R								NA			NA		07/12/2001
						From: 81-1118 Laurel Rd										
(826/81) Pine View Rd	0.12	80	R								NA			NA		07/12/2001
						From: Dead End										
						To: 81-783 Anderson St										
(1101/81) Sixth St	0.06	390	R								NA			NA		10/03/2007
						From: 81-1107 McCulloch St										
(1101/81) Sixth St	0.06	520	R								NA			NA		10/03/2007
						From: 81-1106 Powhatan St										
(1101/81) Sixth St	0.12	1000	R								NA			NA		07/28/2004
						From: 81-1115 Pocahontas St										
(1101/81) Sixth St	0.06	490	R								NA			NA		10/03/2007
						From: 81-1105 Catawba St										
(1101/81) Sixth St	0.06	50	R								NA			NA		07/28/2004
						From: 81-1104 Shawnee St										
						To: 81-1109 Gordon Place										
(1102/81) Seventh St	0.05	70	R								NA			NA		10/03/2007
						From: 81-1108 Fitzlee St										



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Town of Glasgow

Route	Length	AADT	QA	4Tire	Bus	-----Truck-----				QC	K Factor	QK	Dir Factor	AAWDT	QW	Year
						2Axle	3+Axle	1Trail	2Trail							
<b>Town of Glasgow</b>																
(1102/81) Seventh St	0.06	420	R								NA			NA		07/28/2004
						From: 81-1108 Fitzlee St										
						To: 81-783 Anderson St										
(1102/81) Seventh St	0.06	100	R								NA			NA		10/03/2007
						From: 81-1107 McCulloch St										
(1102/81) Seventh St	0.06	90	R								NA			NA		10/03/2007
						From: 81-1106 Gap										
						To: 81-1119 Gap										
(1102/81) Seventh St	0.06	70	R								NA			NA		10/03/2007
						From: 81-1115 Pocahontas St										
(1102/81) Seventh St	0.06	170	R								NA			NA		07/28/2004
						From: 81-1105 Catawba St										
(1102/81) Seventh St	0.06	360	R								NA			NA		10/03/2007
						To: 81-1104 Shawnee St										
(1103/81) Eighth St	0.10	310	R								NA			NA		07/28/2004
						From: SR 130 Rockbridge Rd										
(1103/81) Eighth St	0.05	250	R								NA			NA		10/03/2007
						From: 81-1109 Gordon Pl										
						To: 81-1108 Gap										
(1104/81) Shawnee St	0.04	460	R								NA			NA		07/28/2004
						From: 81-684 Blue Ridge Rd										
(1104/81) Shawnee St	0.12	80	R								NA			NA		10/03/2007
						From: 81-1102 Seventh St										
(1104/81) Shawnee St	0.13	60	R								NA			NA		10/03/2007
						From: 81-1101 Sixth St										
(1104/81) Shawnee St	0.13	60	R								NA			NA		10/03/2007
						From: 81-1120 Fifth St										
(1104/81) Shawnee St	0.20	50	R								NA			NA		07/28/2004
						From: 81-1117 Fourth St										
						To: Dead End										
(1105/81) Catawba St	0.12	170	R								NA			NA		10/03/2007
						From: 81-1102 Seventh St										
(1105/81) Catawba St	0.13	400	R								NA			NA		07/28/2004
						From: 81-1101 Sixth St										
(1105/81) Catawba St	0.12	390	R								NA			NA		10/03/2007
						From: 81-1120 Fifth St										
(1105/81) Catawba St	0.11	600	R								NA			NA		08/02/2004
						From: 81-1117 Fourth St										
(1105/81) Catawba St	0.10	600	R								NA			NA		10/03/2007
						From: 81-1116 Third St										
(1105/81) Catawba St	0.02	310	R								NA			NA		08/02/2004
						From: 81-679 S, Second St										
(1105/81) Catawba St	0.12	40	R								NA			NA		10/03/2007
						From: 81-679 N, Second St										
						To: 81-1115, First St										
(1106/81) Powhatan St	0.13	800	R								NA			NA		07/28/2004
						From: 81-684 Blue Ridge Rd										
(1106/81) Powhatan St	0.12	790	R								NA			NA		10/03/2007
						From: 81-1102 Seventh St										
						To: 81-1101 Sixth St										
(1107/81) McCulloch St	0.10	70	R								NA			NA		07/28/2004
						From: 81-1114 Eleventh St										
						To: 81-784 Tenth St										

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						2Axle	3+Axle	1Trail	2Trail							
<b>Town of Glasgow</b>																
1107 81 McCulloch St	0.17	160	R			From: 81-784 Tenth St					NA		NA			10/09/2007
1107 81 McCulloch St	0.14	430	R			To: 81-684 Blue Ridge Rd					NA		NA			10/03/2007
1107 81 McCulloch St	0.12	240	R			From: 81-1102 Seventh St					NA		NA			10/03/2007
						To: 81-1101 Sixth St										
1108 81 Fitzlee St	0.24	180	R			From: Dead End					NA		NA			07/28/2004
1108 81 Fitzlee St	0.12	200	R			To: 81-1113 Thirteenth St					NA		NA			10/09/2007
1108 81 Fitzlee St	0.12	230	R			From: 81-1112 Twelfth St					NA		NA			10/09/2007
1108 81 Fitzlee St	0.13	190	R			To: 81-1114 Eleventh St					NA		NA			10/09/2007
1108 81 Fitzlee St	0.19	210	R			From: 81-784 Tenth St					NA		NA			07/28/2004
1108 81 Fitzlee St	0.12	380	R			To: 81-684 Gap					NA		NA			10/03/2007
1108 81 Fitzlee St	0.12	320	R			From: 81-1103 Gap					NA		NA			10/03/2007
1108 81 Fitzlee St	0.12	320	R			To: 81-1102 Seventh St					NA		NA			07/28/2004
1109 81 Gordon Place	0.12	60	R			From: Dead End					NA		NA			10/03/2007
1109 81 Gordon Place	0.08	80	R			To: 81-1103 Eighth St					NA		NA			10/03/2007
1109 81 Gordon Place	0.08	80	R			From: 81-1102 Seventh St					NA		NA			07/28/2004
1110 81 Kanawha St	0.25	60	R			To: Dead End					NA		NA			10/09/2007
1110 81 Kanawha St	0.25	60	R			From: 81-1112 Twelfth St					NA		NA			10/09/2007
1111 81 Virginia St	0.25	80	R			To: 81-784 Tenth St					NA		NA			07/28/2004
1112 81 Twelfth St	0.03	80	R			From: Dead End					NA		NA			10/09/2007
1112 81 Twelfth St	0.07	180	R			To: 81-1111 Gap					NA		NA			07/28/2004
1112 81 Twelfth St	0.07	70	R			From: 81-1110 Gap					NA		NA			10/09/2007
1112 81 Twelfth St	0.07	70	R			To: SR 130 Gap					NA		NA			10/09/2007
1112 81 Twelfth St	0.07	70	R			From: 81-1108 Gap					NA		NA			10/09/2007
1113 81 Thirteenth St	0.08	110	R			To: 81-783 Anderson St					NA		NA			10/09/2007
1113 81 Thirteenth St	0.08	110	R			From: SR 130 Rockbridge Rd					NA		NA			07/28/2004
1113 81 Thirteenth St	0.02	40	R			To: 81-1108 Fitzlee St					NA		NA			1986
1113 81 Thirteenth St	0.02	40	R			From: Dead End					NA		NA			1986
1114 81 Eleventh St	0.05	60	R			To: 81-1108 Fitzlee St					NA		NA			07/28/2004
1114 81 Eleventh St	0.06	50	R			From: 81-783 Anderson St					NA		NA			10/09/2007
1114 81 Eleventh St	0.06	50	R			To: 81-1107 McCulloch St					NA		NA			10/09/2007
1115 81 Pocahontas St	0.12	120	R			From: 81-1102 Seventh St					NA		NA			10/03/2007
1115 81 Pocahontas St	0.12	120	R			To: 81-1101 Sixth St					NA		NA			10/03/2007

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						2Axle	3+Axle	1Trail	2Trail							
<b>Town of Glasgow</b>																
(1115/81) Pocahontas St	0.25	520	R								NA			NA		08/02/2004
(1115/81) Pocahontas St	0.09	290	R								NA			NA		10/03/2007
(1115/81) Pocahontas St	0.06	60	R								NA			NA		08/02/2004
(1115/81) Pocahontas St	0.12	60	R								NA			NA		10/03/2007
(1116/81) Third St	0.07	230	R								NA			NA		08/02/2004
(1117/81) Fourth St	0.07	290	R								NA			NA		10/03/2007
(1117/81) Fourth St	0.06	60	R								NA			NA		08/02/2004
(1118/81) Laurel Rd	0.05	40	R								NA			NA		07/12/2001
(1119/81) Sixth St	0.13	70	R								NA			NA		10/03/2007
(1120/81) Fifth St	0.06	10	R								NA			NA		07/28/2004
(1121/81)	0.13	NA									NA			NA		
(1122/81)	0.13	NA									NA			NA		
(1123/81)	0.18	NA									NA			NA		