

2014
Virginia Department of Transportation
Daily Traffic Volume Estimates
Including Vehicle Classification Estimates

where available

Special Locality Report

210

Town of Dublin

Information in this report is included in Report

77

(Pulaski 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.

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

- North
 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
 Bus - Business Route
Bypass - Bypass Route
Truck - Truck Route
- ALT
 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
 2014
 Annual Average Daily Traffic Volume Estimates By Section of Route
 Town of Dublin

Route	Jurisdiction	Length	AADT	QA	4Tire	Bus	-----Truck-----				QC	K Factor	QK	Dir Factor	AAWDT	QW
							2Axle	3+Axle	1Trail	2Trail						
11 Broad St	From: WCL Dublin															
	Town of Dublin (Maint: 77)	0.16	13000	N	98%	1%	1%	0%	0%	0%	N	NA		14000	N	
11 Broad St	From: SR 100 Oakwood Ave															
	Town of Dublin (Maint: 77)	0.97	13000	F	98%	0%	0%	1%	1%	0%	F	0.088	F	0.579	14000	F
100	From: ECL Dublin															
	Town of Dublin (Maint: 77)	0.51	17000	N	96%	0%	0%	1%	3%	0%	N	0.085	N	0.538	19000	N
100	From: US 11 Dublin															
	Town of Dublin (Maint: 77)	0.21	5900	G	96%	0%	0%	1%	3%	0%	F	0.086	N	0.551	6300	G
	From: NCL Dublin															

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Town of Dublin

Route	Length	AADT	QA	4Tire	Bus	-----Truck-----				QC	K Factor	QK	Dir Factor	AAWDT	QW	Year
						2Axle	3+Axle	1Trail	2Trail							
Town of Dublin																
(632/77) Dunlap Rd	0.11	450	R								NA			NA		04/11/2014
			From: 77-747 Old Route 11													
			To: 77-1032 Free St													
(632/77) Dunlap Rd	0.06	390	R								NA			NA		04/11/2014
			From: 77-1007 Kerry St													
(632/77) Dunlap Rd	0.12	330	R								NA			NA		04/11/2014
			From: 77-9927 Dublin Elementary School													
(632/77) Dunlap Rd	0.02	650	R								NA			NA		04/11/2014
			From: 77-1031 Zeigler Ave													
(632/77) Dunlap Rd	0.06	330	R								NA			NA		04/11/2014
			From: 77-1035 Flanagan Ave													
(632/77) Dunlap Rd	0.06	450	R								NA			NA		04/11/2014
			From: 77-1038 Hudson Dr													
(632/77) Dunlap Rd	0.05	410	R								NA			NA		04/11/2014
			From: ECL Dublin													
(633/77) Powell Ave	0.03	700	R								NA			NA		04/01/2014
			From: ECL Dublin													
(633/77) Powell Ave	0.06	500	R								NA			NA		04/01/2014
			From: 77-1005 Maple St													
			To: NCL Dublin													
(635/77) Baskerville St	0.06	600	R								NA			NA		03/20/2002
			From: SCL Dublin													
(635/77) Baskerville St	0.05	580	R								NA			NA		04/15/2014
			From: SR 100													
			To: 77-747 Old Route 11													
(688/77) Dunlap Ave	0.13	550	R								NA			NA		06/05/2012
			From: 77-1006 Locust St													
			To: 77-632 Dunlap Rd													
(689/77) Newburn Rd	0.24	100	R								NA			NA		04/15/2014
			From: Dead End													
			To: 77-747 Old Route 11													
(706/77) Circle Dr	0.12	40	R								NA			NA		04/11/2014
			From: 77-707 High St													
			To: 77-1012 Walker Ave													
(707/77) High St	0.07	100	R								NA			NA		04/11/2014
			From: 77-1011 West Ave													
(707/77) High St	0.06	80	R								NA			NA		04/11/2014
			From: 77-706 Circle Dr													
			To: 77-1012 Walker Ave													
(746/77) Old Giles Rd	0.08	2300	F	96%	1%	2%	0%	0%	0%	F	0.134	F	0.565	2500	F	2014
			From: 77-747 Old Route 11													
(746/77) Giles Ave	0.15	2700	F	96%	1%	2%	0%	0%	0%	C	0.146	F	0.569	2900	F	2014
			From: US 11 Broad St													
(746/77) Giles Ave	0.28	2400	F	96%	1%	2%	0%	0%	0%	F	0.167	F	0.589	2500	F	2014
			From: 77-1005 Third St													
			To: NCL Dublin													
(747/77) Old Route 11	0.65	1500	R								NA			NA		04/03/2014
			From: SR 100													
(747/77) Old Route 11	0.50	1600	F	98%	1%	1%	0%	0%	0%	C	0.115	F	0.523	1700	F	2014
			From: 77-746 Old Giles Rd													
			To: NCL Dublin													
(1001/77) Fifth St	0.12	270	R								NA			NA		04/09/2014
			From: 77-1002 Oakwood Ave													
			To: 77-1004 W, Trinkle Ave													

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2014
Annual Average Daily Traffic Volume Estimates By Section of Route
Town of Dublin

Route	Length	AADT	QA	4Tire	Bus	-----Truck-----				QC	K Factor	QK	Dir Factor	AAWDT	QW	Year
						2Axle	3+Axle	1Trail	2Trail							
Town of Dublin																
1001 77 Fifth St	0.02	310	R			From 77-1004 W, South Ave					NA			NA		04/09/2014
1001 77 Fifth St	0.08	360	R			From 77-1004 E, Trinkle Ave					NA			NA		06/07/2012
						To 77-746 Old Giles Rd										
1002 77 Oakwood Ave	0.07	330	R			From 77-1003 Fourth St					NA			NA		04/09/2014
1002 77 Oakwood Ave	0.05	620	R			From 77-1001 Fifth St					NA			NA		04/09/2014
						To 77-1009 Sixth St										
1003 77 Fourth St	0.05	910	R			From SR 100 Clebone Rd					NA			NA		06/07/2012
1003 77 Fourth St	0.13	650	R			From 77-1002 Oakwood Ave					NA			NA		04/09/2014
						To 77-1004 Trinkle Ave										
1004 77 Trinkle Ave	0.09	980	R			From US 11 Broad St					NA			NA		06/07/2012
1004 77 Trinkle Ave	0.07	620	R			From 77-1013 Second St					NA			NA		04/09/2014
						To 77-1005 Third St										
1004 77 Trinkle Ave	0.08	670	R			From 77-1003 Fourth St					NA			NA		04/09/2014
1004 77 Trinkle Ave	0.08	120	R			From 77-1003 Fourth St					NA			NA		04/09/2014
						To 77-1001 Fifth St										
1004 77 Trinkle Ave	0.04	50	R			From 77-1001 Fifth St					NA			NA		04/09/2014
						To 77-1009 Sixth St										
1005 77 Third St	0.13	50	R			From Dead End					NA			NA		06/07/2012
1005 77 Third St	0.08	940	R			From 77-1004 Trinkle Ave					NA			NA		06/07/2012
						To 77-746 Old Giles Rd										
1005 77 Maple St	0.12	1700	R			From 77-746 Old Giles Rd					NA			NA		06/07/2012
1005 77 Maple St	0.01	1800	R			From 77-1023 Walnut St					NA			NA		04/09/2014
						To 77-1015 Glendy Ave										
1005 77 Maple St	0.15	1500	R			From 77-1015 Glendy Ave					NA			NA		06/07/2012
1005 77 Maple St	0.10	1500	R			From 77-1033 Black Ave					NA			NA		04/09/2014
						To 77-1016 Linkous Ave										
1005 77 Maple St	0.02	1700	R			From 77-1016 Linkous Ave					NA			NA		04/09/2014
						To 77-1083 Hanks Ave										
1005 77 Maple St	0.13	1100	R			From 77-1083 Hanks Ave					NA			NA		04/09/2014
						To 77-1024 Mebane Ave										
1005 77 Maple St	0.08	930	R			From 77-1024 Mebane Ave					NA			NA		06/07/2012
						To 77-633 Powell Ave										
1006 77 Locust St	0.06	470	R			From 77-688 Dunlap Ave					NA			NA		06/05/2012
						To 77-1007 S, Jordon St										
1006 77 Locust	0.02	910	R			From 77-1007 S, Jordon St					NA			NA		04/11/2014
						To 77-1007 N, Kerry										
1006 77 Locust	0.08	890	R			From 77-1007 N, Kerry					NA			NA		04/11/2014
						To Dead End										

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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 Dublin																
(1007/77) Jordon St	0.10	240	R								NA			NA		04/09/2014
(1007/77) Jordon St	0.03	280	R								NA			NA		04/09/2014
(1007/77) Jordon St	0.07	420	R								NA			NA		04/09/2014
(1007/77) Jordon St	0.21	370	R								NA			NA		04/09/2014
(1007/77) Kerry St	0.04	140	R								NA			NA		04/09/2014
(1007/77) Kerry St	0.05	50	R								NA			NA		06/05/2012
(1007/77) Kerry St	0.10	70	R								NA			NA		04/09/2014
(1007/77) Kerry St	0.06	150	R								NA			NA		04/09/2014
(1007/77) Kerry St	0.06	70	R								NA			NA		04/09/2014
(1008/77) Galway St	0.09	60	R								NA			NA		06/05/2012
(1009/77) Sixth St	0.12	180	R								NA			NA		04/09/2014
(1010/77) Dunbar Ave	0.13	40	R								NA			NA		04/11/2014
(1010/77) Dunbar Ave	0.15	430	R								NA			NA		06/05/2012
(1011/77) West Ave	0.03	380	R								NA			NA		06/05/2012
(1011/77) West Ave	0.05	230	R								NA			NA		04/11/2014
(1012/77) Walker Ave	0.03	120	R								NA			NA		04/11/2014
(1012/77) Walker Ave	0.06	130	R								NA			NA		04/11/2014
(1012/77) Walker Ave	0.08	390	R								NA			NA		06/05/2012
(1013/77) Second St	0.08	200	R								NA			NA		04/09/2014
(1014/77) Church St	0.10	340	R								NA			NA		06/07/2012
(1014/77) Church St	0.23	240	R								NA			NA		06/07/2012
(1015/77) Glendy Ave	0.06	220	R								NA			NA		04/09/2014

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						2Axle	3+Axle	1Trail	2Trail							
Town of Dublin																
1015 77 Glendy Ave	0.09	170	R			From: 77-1022 Roseberry St					NA			NA		04/09/2014
						To: 77-1005 Maple St										
1016 77 Linkous Ave	0.06	1200	R			From: 77-1014 Church St					NA			NA		04/09/2014
						To: 77-1022 Roseberry St										
1016 77 Linkous Ave	0.09	680	R			From: 77-1022 Roseberry St					NA			NA		04/09/2014
						To: 77-1005 Maple										
1022 77 Roseberry St	0.10	110	R			From: Dead End					NA			NA		04/09/2014
						To: 77-1015 Glendy Ave										
1022 77 Roseberry St	0.24	130	R			From: 77-1015 Glendy Ave					NA			NA		04/09/2014
						To: 77-1016 Linkous Ave										
1023 77 Walnut St	0.10	500	R			From: 77-1005 Maple St					NA			NA		04/09/2014
						To: 77-1049 Vermilion St										
1023 77 Walnut St	0.05	410	R			From: 77-1049 Vermilion St					NA			NA		04/09/2014
						To: 77-1025 Long St										
1024 77 Mebane Ave	0.04	500	R			From: 77-1005 Maple St					NA			NA		04/09/2014
						To: 77-1049 Vermilion St										
1024 77 Mebane Ave	0.04	480	R			From: 77-1049 Vermilion St					NA			NA		06/07/2012
						To: NCL Dublin										
1025 77 Long St	0.05	870	R			From: Dead End					NA			NA		04/09/2014
						To: 77-1023 Walnut St										
1026 77 Hawkins St	0.07	890	R			From: WCL Dublin					NA			NA		06/05/2012
						To: SR 100										
1026 77 Hawkins St	0.07	860	R			From: SR 100					NA			NA		06/05/2012
						To: 77-747 Old Route 11										
1031 77 Zeigler Ave	0.12	630	R			From: 77-632 Dunlap Rd					NA			NA		04/11/2014
						To: 77-1007 Kerry St										
1031 77 Zeigler Ave	0.06	730	R			From: 77-1007 Kerry St					NA			NA		04/11/2014
						To: 77-1032 Free St										
1031 77 Zeigler Ave	0.04	750	R			From: 77-1032 Free St					NA			NA		04/11/2014
						To: 77-1037 Hudson Dr										
1031 77 Zeiglar Ave	0.08	690	R			From: 77-1037 Hudson Dr					NA			NA		06/05/2012
						To: 77-747 Old Route 11										
1032 77 Free St	0.10	40	R			From: 77-632 Dunlap Rd					NA			NA		04/11/2014
						To: 77-1031 Zeigler Ave										
1033 77 Black Ave	0.05	48	R			From: Dead End					NA			NA		06/07/2012
						To: 77-1005 Maple St										
1034 77 Vaughan Ave	0.05	160	N			From: SCL Dublin					NA			NA		04/11/2014
						To: 77-1050 Armstrong St										
1034 77 Vaughan Ave	0.09	310	R			From: 77-1050 Armstrong St					NA			NA		04/11/2014
						To: 77-1007 Kerry St										
1035 77 Flanagan	0.11	120	R			From: 77-632 Dunlap Rd					NA			NA		04/11/2014
						To: 77-1007 Kerry St										

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						2Axle	3+Axle	1Trail	2Trail							
Town of Dublin																
1035 77 Flanagan	0.15	90	R									NA		NA		04/11/2014
1037 77 Hudson Dr	0.07	30	R									NA		NA		06/05/2012
1037 77 Hudson Dr	0.08	190	R									NA		NA		04/11/2014
1037 77 Hudson Dr	0.07	100	R									NA		NA		04/11/2014
1038 77 Hudson Dr	0.11	100	R									NA		NA		04/11/2014
1038 77 Hudson Dr	0.17	80	R									NA		NA		04/11/2014
1049 77 Vermillion St	0.25	260	R									NA		NA		04/09/2014
1049 77 Vermillion St	0.15	90	R									NA		NA		04/09/2014
1050 77 Armstrong St	0.13	390	R									NA		NA		04/11/2014
1083 77 Hanks Ave	0.07	780	R									NA		NA		04/09/2014
1083 77 Hanks Ave	0.06	500	R									NA		NA		06/07/2012
1090 77 Locust Ave Extension	0.13	610	R									NA		NA		03/28/2002
1094 77 Pine St	0.02	40	R									NA		NA		06/07/2012
1097 77 Dublin Park Rd	0.04	2400	R									NA		NA		06/01/2012
1097 77 Dublin Park Rd	0.11	1100	R									NA		NA		06/01/2012
1098 77 Town Center Dr	0.09	1400	R									NA		NA		06/01/2012
1098 77 Town Center Dr	0.18	1900	R									NA		NA		06/01/2012
9520 77 Dublin Middle School	0.24	440	R									NA		NA		04/11/2014
9927 77 Dublin Elementary School	0.26	660	R									NA		NA		04/11/2014