

2020

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

where available

Special Locality Report

323

Town of Waverly

Information in this report is included in Report

91

(Sussex County)

Prepared By

**Virginia Department of Transportation
Traffic Engineering Division**

In Cooperation With

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

The reported 2020 AADTs represent the best estimate of 2020 average daily traffic, however, this year's AADTs do vary from normal traffic in the years prior to 2020 due to COVID-19. The reported AADTs may not represent typical traffic for a given day or period within the year as the drastic seasonal variations were normalized through the factoring process. The 2020 publications are therefore colored to draw users attention to the fact that uses of the 2020 published estimates versus alternative data sources should be determined at users' discretion based on the objectives or nature of the analyses being performed.

The estimated 2020 DVMT for the entire state maintained network total to 208,000,000, which has trended down by 11 percent compared to the 2019 level of 234,000,000. For most traffic links across the state, the estimated 2020 AADTs are also seen to have decreased from their 2019 levels.

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 buses.

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
Bypass - 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
 2020
 Annual Average Daily Traffic Volume Estimates By Section of Route
 Town of Waverly

Route	Jurisdiction	Length	AADT	QA	4Tire	Bus	-----Truck-----				QC	K Factor	QK	Dir Factor	AAWDT	QW
							2Axle	3+Axle	1Trail	2Trail						
	From: WCL Waverly															
40 W Main St	Town of Waverly (Maint: 91)	0.76	1800	N	74%	1%	2%	7%	15%	0%	N	0.086	F	0.565	1800	N
	To: 91-651 Lobbs Shop Rd															
40 W Main St	Town of Waverly (Maint: 91)	1.15	3500	F	77%	1%	1%	3%	18%	0%	C	0.087	F	0.557	3500	F
	From: US 460 General Mahone Hwy															
40 W Main St	Town of Waverly (Maint: 91)	1.25	3000	F	92%	1%	1%	1%	5%	0%	C	0.085	F	0.582	3000	F
	To: ECL Waverly															
	From: WCL Waverly															
460	Town of Waverly (Maint: 91)	0.66	11000	N	80%	1%	1%	2%	16%	0%	N	0.085	F	0.562	11000	N
	From: SR 40 W Main St															
460	Town of Waverly (Maint: 91)	0.72	9800	N	93%	1%	1%	1%	4%	0%	N	0.080	F	0.530	9400	N
	To: ECL Waverly															

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						2Axle	3+Axle	1Trail	2Trail								
Town of Waverly																	
606 91	Beaver Dam Rd	0.60	240	F	94%	1%	2%	1%	2%	0%	C	0.154	F	0.5	230	F	2020
615 91	Georgetown Rd	0.28	320	R								NA			NA		03/12/2014
651 91	Lobbs Shop Rd	0.28	500	N	98%	0%	1%	1%	0%	0%	N	0.099	F	0.75	490	N	2020
653 91	Bank St	0.94	490	F	98%	0%	2%	0%	0%	0%	C	0.105	F	0.533	480	F	2020
653 91	Bank St	0.26	580	F	99%	0%	0%	0%	0%	0%	C	0.117	F	0.526	560	F	2020
653 91	Hunter St	0.09	340	F	92%	0%	1%	3%	4%	0%	C	0.117	F	0.677	330	F	2020
653 91	Hunter St	0.21	90	F	98%	0%	1%	0%	0%	0%	C	0.127	F	0.7	90	F	2020
653 91	Bank St; Spring Branch Rd	0.46	150	N	98%	1%	1%	0%	0%	0%	N	0.101	F	0.5	150	N	2020
654 91	Coppahaunk Ave	0.49	340	F	99%	1%	1%	0%	0%	0%	C	0.128	F	0.605	330	F	2020
654 91	Coppahaunk Rd	0.40	530	F	97%	0%	2%	1%	0%	0%	C	0.136	F	0.62	520	F	2020
1001 91	New St		1000	R								NA			NA		10/02/2014
1001 91	New St		870	R								NA			NA		10/02/2014
1001 91	New St		490	R								NA			NA		10/02/2014
1001 91	New St		290	R								NA			NA		10/02/2014
1002 91	Maifield Ave		170	R								NA			NA		01/24/2017
1002 91	Maifield Ave		180	R								NA			NA		10/02/2014
1003 91	Railroad Ave		710	R								NA			NA		10/02/2014
1003 91	Railroad Ave		670	R								NA			NA		10/02/2014
1003 91	Railroad Ave		1100	R								NA			NA		10/02/2014
1003 91	Railroad Ave		1200	R								NA			NA		10/02/2014
1003 91	Railroad Ave		1400	R								NA			NA		10/02/2014
1004 91	Fleetwood Ave		830	R								NA			NA		10/02/2014

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						2Axle	3+Axle	1Trail	2Trail							
Town of Waverly																
1004 91 Fleetwood Ave		400	R			From 91-1021 Chappell Lane					NA		NA			10/02/2014
1004 91 Fleetwood Ave		280	R			To 91-1019 Thomas Circle					NA		NA			10/02/2014
						From 91-1023 Carpenter Dr										
1005 91 Chestnut St		140	R			To 91-653 Bank St					NA		NA			10/02/2014
						From 91-1003 Railroad Ave										
1006 91 School St		430	R			To 91-1008 Pleasant Spring Ave					NA		NA			10/02/2014
						From 91-1001 New St										
1007 91 Oak St		320	R			To 91-1008 Pleasant Spring Ave					NA		NA			10/02/2014
						From 91-1009 Maple St										
1007 91 Oak St		210	R			To 91-1011 Pine St					NA		NA			10/02/2014
						From 91-1011 Pine St										
1008 91 Pleasant Spring Ave		830	R			To SR 40, W Main St					NA		NA			10/02/2014
						From 91-1006 School St										
1008 91 Pleasant Spring Ave		120	R			To 91-1007 Oak St					NA		NA			10/02/2014
						From 91-1007 Oak St										
1008 91 Pleasant Spring Ave		230	R			To WCL Waverly					NA		NA			10/02/2014
						From 91-1007 Oak St										
1009 91 Maple St		260	R			To 91-1001 New St					NA		NA			10/02/2014
						From 91-1026 Wye St										
1010 91 Robert Wilkins Ave		230	R			To SR 40, W Main St					NA		NA			10/02/2014
						From 91-1001 New St										
1011 91 Pine St		110	R			To 91-1007 Oak St					NA		NA			10/02/2014
						From 91-1007 Oak St										
1012 91 Elm St		380	R			To SR 40, W Main St					NA		NA			10/02/2014
						From 91-1013 Burt St										
1012 91 Elm St		130	R			To Dead End					NA		NA			10/03/2014
						From 91-1013 Burt St										
1013 91 Burt St		430	R			To SR 40; 91-1018					NA		NA			10/03/2014
						From 91-1017 Gum Lane										
1013 91 Burt St		320	R			To 91-1012 Elm St					NA		NA			10/03/2014
						From 91-1012 Elm St										
1013 91 Burt St		130	R			To 91-1031 Walnut Ln					NA		NA			10/03/2014
						From 91-1031 Walnut Ln										
1014 91 Norris Ave		260	R			To 91-654 Coppahaunk Rd					NA		NA			10/03/2014
						From 91-1015 N, Graydon Circle										
1014 91 Norris Ave		270	R			To 91-1015 S, Graydon Circle					NA		NA			10/03/2014
						From 91-1015 S, Graydon Circle										
1014 91 Norris Ave		240	R			To 91-653 Bank St					NA		NA			10/03/2014
						From 91-653 Bank St										
1015 91 Graydon Circle		50	R			To 91-1014 E, Norris Ave					NA		NA			10/03/2014
						From 91-1014 W, Norris Ave										



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						2Axle	3+Axle	1Trail	2Trail							
Town of Waverly																
1016 91 Butler St		350	R			From: Dead End To: 91-1003 Railroad Ave					NA			NA		10/03/2014
1017 91 Gum Lane		40	R			From: 91-1013 Burt St To: 91-1032 Horton Circle					NA			NA		10/03/2014
1018 91 Coppahaunk Ave		570	R			From: 91-654 Coppahaunk Rd To: SR 40; 91-1013					NA			NA		10/03/2014
1019 91 Sylvan Rd		570	R			From: SR 40, W Main St To: 91-1027 Belvidere St					NA			NA		10/03/2014
1019 91 Sylvan Rd		240	R			From: 91-1020 Arthur Court					NA			NA		10/03/2014
1019 91 Sylvan Rd		240	R			From: 91-1004 Fleetwood Ave					NA			NA		10/03/2014
1019 91 Thomas Circle		220	R			From: 91-1021 Chappell Lane To: 91-1022 Jasper Lane					NA			NA		10/03/2014
1019 91 Thomas Circle		340	R			From: 91-1019 Thomas Circle To: Cul-de-Sac					NA			NA		10/03/2014
1021 91 Chappell Lane		190	R			From: 91-1004 Fleetwood Ave To: 91-1019 Thomas Circle					NA			NA		10/03/2014
1022 91 Jasper Lane		300	R			From: 91-1019 Thomas Circle To: 91-1024 Branch St					NA			NA		10/03/2014
1022 91 Jasper Lane		160	R			From: 91-1025 Cowling St					NA			NA		10/03/2014
1022 91 Jasper Lane		110	R			From: Dead End To: 91-1004 Fleetwood Ave					NA			NA		10/03/2014
1023 91 Carpenter Dr		150	R			From: 91-1024 Branch St To: 91-1025 Cowling St					NA			NA		10/03/2014
1023 91 Carpenter Dr		60	R			From: Dead End To: 91-1023 Carpenter Dr					NA			NA		10/03/2014
1023 91 Carpenter Dr		7	R			From: 91-1022 Jasper Lane To: Dead End					NA			NA		10/03/2014
1024 91 Branch St		30	R			From: Dead End To: 91-1023 Carpenter Dr					NA			NA		10/03/2014
1024 91 Branch St		8	R			From: 91-1022 Jasper Lane To: Dead End					NA			NA		09/10/2014
1025 91 Cowling St		8	R			From: Dead End To: 91-1023 Carpenter Dr					NA			NA		09/10/2014
1025 91 Cowling St		49	R			From: 91-1023 Carpenter Dr To: 91-1022 Jasper Lane					NA			NA		09/10/2014
1026 91 Wye St		140	R			From: 0.08 MS 91-1010 Robert Wilkins Ave To: 91-1010 Robert Wilkins Ave					NA			NA		09/10/2014
1026 91 Wye St		70	R			From: 91-1010 Robert Wilkins Ave To: Dead End					NA			NA		09/10/2014

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						2Axle	3+Axle	1Trail	2Trail							
Town of Waverly																
1027 91 Belvidere St		180	R								NA			NA		09/11/2014
1028 91 Dogwood Ave		470	R								NA			NA		09/11/2014
1029 91 Locust Dr		180	R								NA			NA		09/11/2014
1029 91 Locust Dr		500	R								NA			NA		09/25/2014
1030 91 Middle St		180	R								NA			NA		09/25/2014
1030 91 Middle St		280	R								NA			NA		09/25/2014
1030 91 Middle St		280	R								NA			NA		09/25/2014
1031 91 Walnut Ln		48	R								NA			NA		09/25/2014
1032 91 Horton Circle		10	R								NA			NA		09/11/2014
1032 91 Horton Circle		20	R								NA			NA		09/11/2014
1034 91 Moore St		220	R								NA			NA		09/17/2014
1035 91 Merchants Dr		290	R								NA			NA		09/17/2014
1036 91 Cedar St		60	R								NA			NA		09/17/2014
1037 91 Barkley Place		240	R								NA			NA		09/17/2014
1037 91 Barkley Pl		610	R								NA			NA		09/17/2014
1038 91 Brian Dr		180	R								NA			NA		07/06/2014
1039 91 Lesley Ct		90	F	99%	0%	1%	0%	0%	0%	C	0.152	F	0.5	90	F	2020
1040 91 Brian Court		130	R								NA			NA		08/06/2014
1041 91 Forest Lane		120	R								NA			NA		08/06/2014
9403 91 Waverly School		40	R								NA			NA		03/20/2014

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						2Axle	3+Axle	1Trail	2Trail							
Town of Waverly																
		190	R	From: Jackson Elem School				NA					NA			03/20/2014
				To: 0.01 ME 91-1006 School St												
		310	R	From: 0.01ME 91-1006 School St				NA					NA			03/20/2014
				To: 91-1006 School St												