

**2020**  
**Virginia Department of Transportation**  
**Daily Traffic Volume Estimates**  
**Including Vehicle Classification Estimates**

where available

**Special Locality Report**

**163**

Town of Amherst

Information in this report is included in Report

**05**

(Amherst 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.

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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 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 Amherst

Route	Jurisdiction	Length	AADT	QA	4Tire	Bus	-----Truck-----				QC	K Factor	QK	Dir Factor	AAWDT	QW
							2Axle	3+Axle	1Trail	2Trail						
	From: SCL Amherst; Bus US 29															
29	Town of Amherst (Maint: 05)	1.71	20000	G	89%	1%	1%	1%	9%	0%	F	0.083	F	0.508	19000	G
	To: US 60 Richmond Hwy															
29	Town of Amherst (Maint: 05)	1.45	17000	G	89%	1%	1%	1%	9%	0%	F	0.082	F	0.521	16000	G
	From: BUS US 29 Near NCL Amherst															
29	N Amherst Hwy	0.65	16000	N	89%	1%	1%	1%	9%	0%	N	0.081	F	0.554	15000	N
	To: NCL Amherst															
	From: SCL Amherst															
Bus 29	S Main St	0.86	4200	N	96%	2%	1%	0%	1%	0%	N	0.118	F	0.715	4500	N
	To: US 60 Lexington Tpke															
Bus 29	N Main St	1.07	2800	G	96%	2%	1%	0%	1%	0%	F	0.103	F	0.600	2900	G
	To: NCL Amherst															
	From: WCL Amherst															
60	Lexington Tpke	0.44	2200	N	75%	1%	1%	1%	22%	0%	N	0.09	F	0.619	2200	N
	To: Bus US 29 Main St															
60	E. Lexington Ave		6000	G	75%	1%	1%	1%	22%	0%	F	0.085	F	0.508	6400	G
	From: US 29 By-Pass East of Amherst															
60	Richmond Hwy		5300	G	87%	2%	1%	1%	8%	0%	C	0.108	F	0.534	5600	G
	To: ECL Amherst															



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						2Axle	3+Axle	1Trail	2Trail							
<b>Town of Amherst</b>																
(659/05) Second St	0.03	1900	G	98%	1%	From: Bus US 29				C	0.106	F	0.573	2000	G	2020
(659/05) Second St	0.07	2000	G	95%	1%	From: 05-1105 Goodwin St				F	0.099	F	0.594	2200	G	2020
(659/05) Depot St	0.36	220	G	95%	1%	From: 05-1101; 05-1115				C	0.128	F	0.543	240	G	2020
(659/05) Depot St	0.21	320	G	98%	1%	From: 05-1109 Norfolk Ave				C	0.103	F	0.537	340	G	2020
(1101/05) Second St	0.15	1200	G	98%	0%	From: SCL Amherst				C	0.099	F	0.596	1200	G	2020
(1101/05)	0.10	580	G	97%	1%	From: 05-659 Depot St				C	0.121	F	0.582	620	G	2020
(1102/05) Washington St	0.12	110	R			From: 05-1102 Washington St								NA		04/23/2019
(1102/05) Washington St	0.07	400	R			From: 05-1109 Norfolk Ave								NA		04/23/2019
(1102/05) Washington St	0.08	2000	R			From: 05-1123, 1st St								NA		04/23/2019
(1103/05) Ridge Dr	0.45	490	R			From: 05-1101, 2nd St								NA		04/23/2019
(1104/05) W Court St	0.10	160	R			From: US 60; 05-1112								NA		04/23/2019
(1104/05) W Court St	0.12	780	R			From: Bus US 29								NA		04/23/2019
(1104/05) E Court St	0.03	380	R			From: NCL Amherst								NA		04/23/2019
(1104/05) E Court St	0.02	260	R			From: Dead End								NA		04/23/2019
(1105/05) Goodwin St	0.03	360	R			From: 05-1107 Mt Olive Rd								NA		04/23/2019
(1105/05) Goodwin St	0.05	180	R			From: 05-659 Second St								NA		04/23/2019
(1106/05) Garland Ave	0.22	190	R			From: 05-1104, E Court St								NA		04/23/2019
(1106/05) Garland Ave	0.19	360	R			From: Dead End								NA		04/23/2019
(1107/05) Mt Olive Rd	0.21	460	R			From: 05-1129 Scotts Hill Rd								NA		04/23/2019
(1108/05) Grandview Dr	0.10	440	R			From: Bus US 29								NA		04/23/2019
(1109/05) Norfolk Ave	0.18	520	R			From: NCL Amherst								NA		04/23/2019
(1109/05) Norfolk Ave	0.08	470	R			From: 05-659 Depot St								NA		04/23/2019
						From: 05-1123, 1st St								NA		04/23/2019
						From: 05-1101										

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						2Axle	3+Axle	1Trail	2Trail							
<b>Town of Amherst</b>																
1110 05 Pine St	0.08	120	R			From: Bus US 29					NA			NA		04/23/2019
						To: Dead End										
1111 05 Hangar Rd	0.35	90	R			From: Bus US 29					NA			NA		04/23/2019
						To: Dead End										
1112 05 Whitehead Dr	0.14	170	R			From: US 60; 05-1102					NA			NA		04/23/2019
						To: Dead End										
1113 05 Glenway Dr	0.12	870	R			From: Bus US 29					NA			NA		05/02/2019
						To: 05-1127 Spruce St										
1113 05 Glenway Dr	0.01	690	R			From: 05-1127 Spruce St					NA			NA		05/02/2019
						To: ECL Amherst										
1114 05 Cedar St	0.14	220	R			From: Bus US 29					NA			NA		04/23/2019
						To: Bus US 29										
1115 05 Taylor St	0.16	130	R			From: 05-1101, 2nd St					NA			NA		04/23/2019
						To: Dead End										
1116 05 Blue Ridge Lane	0.42	270	R			From: Bus US 29					NA			NA		05/02/2019
						To: Dead End										
1118 05 Gregory Lane	0.10	150	R			From: 05-643 Kenmore Rd					NA			NA		04/18/2019
						To: 05-1140 Woodland Dr										
1118 05 Gregory Lane	0.15	30	R			From: 05-1140 Woodland Dr					NA			NA		04/18/2019
						To: Dead End										
1119 05 Monitor Rd	0.28	60	R			From: Bus US 29					NA			NA		04/23/2019
						To: US 60 Lexington Tpke										
1123 05 1st St	0.05	170	R			From: 05-1109 Norfolk Ave					NA			NA		04/23/2019
						To: 05-1124 Church St										
1123 05 1st St	0.04	210	R			From: 05-1124 Church St					NA			NA		04/23/2019
						To: 05-1102 Washington St										
1123 05 1st St	0.10	80	R			From: 05-1102 Washington St					NA			NA		04/23/2019
						To: 05-659; 05-1135										
1124 05 Church St	0.12	80	R			From: Dead End					NA			NA		04/23/2019
						To: 05-1123, 1st St										
1125 05 Lynchburg Rd	0.09	50	R			From: 05-659 Depot St					NA			NA		04/23/2019
						To: Dead End										
1126 05 Locust St	0.12	50	R			From: Bus US 29					NA			NA		04/23/2019
						To: Dead End										
1127 05 Spruce St	0.08	70	R			From: Dead End					NA			NA		05/02/2019
						To: 05-1113 Glenway Dr										
1129 05 Scotts Hill Rd	0.01	40	R			From: SCL Amherst					NA			NA		04/18/2019
						To: 05-1131 Oakland Dr										
1129 05 Scotts Hill Rd	0.27	60	R			From: 05-1131 Oakland Dr					NA			NA		04/18/2019
						To: 05-1106 Garland Ave										

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						2Axle	3+Axle	1Trail	2Trail							
<b>Town of Amherst</b>																
1131 05 Oakland Dr	0.12	2	R			From: 05-1129 Scotts Hill Rd					NA			NA		04/18/2019
						To: Dead End										
1133 05 Star St	0.10	60	R			From: Dead End					NA			NA		04/23/2019
						To: 05-659 Depot St										
1134 05 Star St	0.03	70	R			From: Bus US 29					NA			NA		04/23/2019
						To: Dead End										
1135 05 School St	0.08	170	R			From: 05-1136 Greenmeadows					NA			NA		04/23/2019
						To: 05-659 Depot St										
1136 05 Green Meadow Dr	0.04	110	R			From: Dead End					NA			NA		04/23/2019
						To: 05-1135 School St										
1136 05 Green Meadow Dr	0.02	20	R			From: 05-1135 School St					NA			NA		04/23/2019
						To: Dead End										
1137 05 Forest Ave	0.05	480	R			From: Bus US 29					NA			NA		05/02/2019
						To: 05-1138 Dogwood St										
1137 05 Forest Ave	0.07	210	R			From: 05-1138 Dogwood St					NA			NA		05/02/2019
						To: Cul-de-Sac										
1138 05 Dogwood St	0.18	170	R			From: 05-1137 Forest Ave					NA			NA		05/02/2019
						To: Dead End										
1140 05 Woodland Dr	0.08	30	R			From: Cul-de-Sac					NA			NA		04/18/2019
						To: 05-1141 Peyton Lane										
1140 05 Woodland Dr	0.09	130	R			From: 05-1141 Peyton Lane					NA			NA		04/18/2019
						To: 05-1118 Gregory Lane										
1141 05 Peyton Lane	0.05	50	R			From: 05-1140 Woodland Dr					NA			NA		04/18/2019
						To: Cul-de-Sac										
1142 05 Wellington St	0.09	100	R			From: Dead End					NA			NA		04/23/2019
						To: Bus US 29										
9018 05 Davis St	0.21	840	R			From: Bus US 29					NA			NA		03/08/2016
						To: Amherst Elem Sch										