

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

**Special Locality Report**  
**250**  
Town of LaCrosse

Information in this report is included in Report  
**58**  
(Mecklenburg 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 LaCrosse

Route	Jurisdiction	Length	AADT	QA	4Tire	Bus	-----Truck-----				QC	K Factor	QK	Dir Factor	AAWDT	QW
							2Axle	3+Axle	1Trail	2Trail						
	From: WCL LaCrosse															
	Town of LaCrosse (Maint: 58)	0.52	<b>22000</b>	<b>N</b>	79%	1%	1%	1%	18%	1%	N	0.087	F	0.519	22000	N
	To: ECL LaCrosse															



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						2Axle	3+Axle	1Trail	2Trail							
<b>Town of LaCrosse</b>																
618 SR Main St	0.23	3200	G	98%	1%	From: SCL LaCrosse				F	0.108	F	0.622	3100	G	2020
618 SR Main St	0.17	4300	G	98%	1%	To: 58-1507 Seaboard St				F	0.106	F	0.568	4200	G	2020
618 SR Main St	0.35	1500	G	98%	1%	From: 58-621 Main St				C	0.113	F	0.621	1500	G	2020
To: WCL LaCrosse																
621 SR Main St	0.34	3400	G	98%	1%	From: 58-618 High St				C	0.108	F	0.55	3300	G	2020
621 SR Country Club Rd	0.18	1200	G	97%	1%	To: US 58				C	0.107	F	0.541	1200	G	2020
From: NCL LaCrosse																
624 SR Hillcrest Rd	0.14	70	R			From: SCL LaCrosse								NA		06/27/2013
624 SR Hillcrest Rd	0.22	160	R			To: 58-618 N, Main St								NA		06/25/2013
From: 58-1503 Carter St																
1502 SR Montgomery St		70	R			To: 0.08 MS 58-1520								NA		07/24/2019
1502 SR Montgomery St		70	R			From: Dead End, Gap								NA		07/24/2019
To: 0.06 MN 58-1503																
1503 SR S Carter St		130	R			From: 58-1511 Moseley St								NA		08/01/2013
1503 SR S Carter St		220	R			To: 58-624 Hillcrest Rd								NA		05/02/2019
1503 SR S Carter St		560	G	98%	1%	From: 58-1505 College St				C	0.12	F	0.562	550	G	2020
1503 SR S Carter St		860	G	98%	1%	To: 58-1520 Pine St				F	0.106	F	0.502	840	G	2020
1503 SR N Carter St		40	R			From: US 58								NA		07/31/2013
1503 SR N Carter St		30	R			To: 58-1518 Woodlawn Ave								NA		05/02/2019
From: 58-1502 Montgomery St																
1505 SR College St		170	G	94%	2%	From: 58-618 Main St				C	0.127	F	0.565	170	G	2020
To: 58-1503 Carter St																
1506 SR Carolina St		60	R			From: 58-624 Hillcrest Rd								NA		07/25/2013
1506 SR Carolina St		60	R			To: 58-1505 College St								NA		05/02/2019
1506 SR Carolina St		70	R			From: 58-1512 Walker St								NA		07/25/2013
To: Dead End																
1507 SR Seaboard St		350	R			From: Dead End								NA		07/25/2013
To: 58-618 Main St																
1508 SR Harrison St		130	R			From: 58-1503 Carter St								NA		05/02/2019
1508 SR Harrison St		70	R			To: 58-1529 Jackson St								NA		05/02/2019
From: ECL LaCrosse																

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						2Axle	3+Axle	1Trail	2Trail							
<b>Town of LaCrosse</b>																
1509 SR Meredith St		120	R			From: Dead End					NA			NA		07/24/2019
						To: 58-1523, Gap										
1509 SR Meredith St		30	R			From: Dead End, Gap					NA			NA	07/25/2013	
						To: 58-1507 Seaboard St										
1510 SR Sycamore St		240	R			From: SCL LaCrosse					NA			NA	05/02/2019	
						To: 58-1507 Seaboard St										
1511 SR Moseley St		90	R			From: 58-1503 Carter St					NA			NA	08/01/2013	
						To: 58-1529 Jackson St										
1512 SR Walker St		20	R			From: 58-1506 Carolina St					NA			NA	06/04/2019	
						To: 58-1503 Carter St										
1513 SR Virginia St		290	R			From: Dead End					NA			NA	07/25/2013	
						To: 58-1503 Carter St										
1514 SR Piland St		30	R			From: 58-1520 Pine St					NA			NA	07/24/2019	
						To: Dead End										
1517 SR Walnut St		40	R			From: 58-1520 Pine St					NA			NA	05/02/2019	
						To: NCL LaCrosse										
1518 SR Woodlawn Ave		10	R			From: 58-1503 Carter St					NA			NA	07/24/2019	
						To: Dead End										
1519 SR Lombardi St		10	R			From: Dead End					NA			NA	07/24/2019	
						To: 58-1503 Carter St										
1520 SR W Pine St		80	R			From: WCL LaCrosse					NA			NA	05/17/2016	
						To: 58-1528 Center St										
1520 SR W Pine St		90	R			From: 58-1517 Walnut St					NA			NA	05/17/2016	
						To: 58-1517 Walnut St										
1520 SR W Pine St		170	R			From: 58-621 Main St					NA			NA	05/17/2016	
						To: 58-621 Main St										
1520 SR W Pine St		370	G	96%	2%	2%	0%	1%	0%	C	0.146	F	0.517	360	G	2020
1520 SR W Pine St		190	R			From: ECL LaCrosse					NA			NA	05/17/2016	
						To: ECL LaCrosse										
1521 SR Virginia St		270	R			From: 58-1503 Carter St					NA			NA	08/01/2013	
						To: ECL LaCrosse										
1523 SR Jones St		20	R			From: 58-1509 Meredith St					NA			NA	07/24/2019	
						To: Dead End										
1527 SR Rockwell St		30	R			From: 58-1512 Walker St					NA			NA	07/25/2013	
						To: 58-1513 Virginia St										
1528 SR Center St		90	R			From: 58-1520, W Pine St					NA			NA	07/24/2013	
						To: NCL LaCrosse										
1529 SR Jackson St		40	R			From: 58-1511 Moseley St					NA			NA	05/02/2019	
						To: 58-1508 Harrison St										