

**2020**

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

where available

**Special Locality Report**

**247**

Town of Kenbridge

Information in this report is included in Report

**55**

(Lunenburg 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 Kenbridge

Route	Jurisdiction	Length	AADT	QA	4Tire	Bus	-----Truck-----				QC	K Factor	QK	Dir Factor	AAWDT	QW
							2Axle	3+Axle	1Trail	2Trail						
	From: WCL Kenbridge															
40	Town of Kenbridge (Maint: 55)	1.33	4400	N	95%	1%	1%	0%	3%	0%	N	0.102	F	0.505	4300	N
	To: 55-697 Hickory Rd															
40	Main St	0.89	5500	G	95%	1%	1%	0%	3%	0%	F	0.098	F	0.540	5400	G
	From: SR 137, SR 138															
40	N. Broad St	0.66	3200	G	95%	1%	1%	0%	3%	0%	F	0.096	F	0.609	3200	G
	To: ECL Kenbridge															
	From: SR 40 N. Broad St; Main St															
137 138	Town of Kenbridge (Maint: 55)	1.13	3700	G	89%	1%	1%	2%	7%	0%	F	0.102	F	0.555	3600	G
	To: ECL Kenbridge															
	From: CL Kenbridge															
138 137	Town of Kenbridge (Maint: 55)	1.13	3700	G	89%	1%	1%	2%	7%	0%	F	0.102	F	0.555	3600	G
	To: SR 40															



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						2Axle	3+Axle	1Trail	2Trail							
<b>Town of Kenbridge</b>																
From: SCL Kenbridge																
637 55 Broad St	0.57	3000	R							C	0.118	F	0.669	NA		08/08/2013
To: SR 40																
From: NCL Kenbridge																
653 55 Poorhouse Rd	0.28	950	G	97%	1%	1%	0%	0%	0%	C	0.104	F	0.574	920	G	2020
To: 55-1136 Brydie St																
From: 55-1135 Center St																
653 55 Nottoway Falls Rd	0.22	770	G	98%	1%	0%	0%	0%	0%	C	0.108	F	0.64	750	G	2020
To: SR 40, N Broad St																
From: SR 40 Main St																
697 55 Hickory Rd	0.13	520	R											NA		08/03/2016
To: NCL Kenbridge																
From: WCL Kenbridge																
710 55 Dogwood Lane	0.04	250	R											NA		10/23/2019
To: NCL Kenbridge																
From: SCL Kenbridge																
729 55 Flat Rock Rd	0.20	90	R											NA		10/03/2019
To: SR 40																
From: Dead End																
748 55 Spring Grove Rd	0.15	60	R											NA		10/11/2019
To: SR 40																
From: Dead End																
757 55 Lea Rd	0.11	60	R											NA		08/03/2016
To: SR 40																
From: SR 40																
761 55 Tinkling Rd	0.25	80	R											NA		10/03/2019
To: NCL Kenbridge																
From: 55-1123 Hawthorne St																
1101 55 E Sixth Ave	0.41	190	R											NA		10/03/2019
To: 55-1111 Barnes St																
From: 55-1110 Grace St																
1101 55 E Sixth Ave	0.37	450	G	97%	1%	1%	1%	0%	0%	C	0.112	F	0.542	440	G	2020
To: 55-1110 Grace St																
From: 55-1130 High St																
1101 55 Sixth Ave	0.32	530	G	96%	1%	1%	2%	0%	0%	C	0.125	F	0.549	520	G	2020
To: SR 40 EAST																
From: SR 40 WEST																
1101 55 Sixth Ave	0.31	520	G	98%	1%	0%	0%	0%	0%	C	0.125	F	0.693	510	G	2020
From: 55-653 Nottoway Falls Rd																
1102 55 W Second Ave	0.14	100	R											NA		08/29/2013
To: 55-1117 Market St																
From: 55-1101 Sixth Ave																
1103 55 S Pine St	0.15	100	R											NA		09/19/2019
To: 55-1108 Fourth Ave																
From: SR 40 Main St																
1104 55 Park Ave	0.11	80	R											NA		08/21/2013
To: 55-1114 N, Shade St																
From: 55-1114 S, Shade St																
1104 55 Chappell St	0.06	100	R											NA		08/21/2013
To: Dead End																
From: 55-1107 Elm St																
1105 55 Mecklenburg Ave	0.13	70	R											NA		08/21/2013
To: 55-1106 Oak St																
From: 55-1125 Wingold St																
1105 55 Mecklenburg Ave	0.10	40	R											NA		09/19/2019

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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 Kenbridge</b>																
1106 55 Oak St	0.15	350	R											NA	NA	09/19/2019
1107 55 Elm St	0.14	150	R											NA	NA	09/19/2019
1108 55 E Fourth Ave	0.03	20	R											NA	NA	08/29/2013
1108 55 E Fourth Ave	0.32	100	R											NA	NA	09/19/2019
1108 55 W Fourth Ave	0.24	340	R											NA	NA	08/20/2013
1109 55 S Decatur St	0.16	210	G	91%	6%	2%	1%	0%	0%	C	0.170	F	0.526	210	G	2020
1109 55 N Decatur St	0.07	140	R											NA	NA	09/19/2019
1110 55 N Grace St	0.18	290	R											NA	NA	08/20/2013
1110 55 N Grace St	0.05	90	R											NA	NA	08/20/2013
1111 55 Barnes St	0.14	250	R											NA	NA	08/20/2013
1112 55 E Third Ave	0.07	30	R											NA	NA	03/02/2016
1112 55 E Third Ave	0.15	80	R											NA	NA	08/20/2013
1112 55 E Third Ave	0.06	220	R											NA	NA	09/19/2019
1113 55 S Station St	0.10	240	R											NA	NA	10/03/2019
1113 55 S Station St	0.09	100	R											NA	NA	10/03/2019
1114 55 Shade St	0.39	440	G	97%	1%	0%	0%	1%	0%	C	0.112	F	0.667	430	G	2020
1115 55 W Fifth Ave	0.06	310	G	97%	0%	1%	0%	1%	0%	C	0.126	F	0.583	310	G	2020
1115 55 W Fifth Ave	0.13	160	R											NA	NA	10/03/2019
1116 55 S Commerce St	0.06	220	R											NA	NA	10/23/2019
1116 55 Commerce St	0.08	360	G	98%	1%	1%	0%	0%	0%	C	0.15	F	0.651	350	G	2020
1116 55 Commerce St	0.15	220	G	98%	1%	1%	0%	0%	0%	C	0.173	F	0.537	210	G	2020

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						2Axle	3+Axle	1Trail	2Trail							
<b>Town of Kenbridge</b>																
1117 55 N Market St	0.18	200	R									NA		NA		10/23/2019
1117 55 N Market St	0.05	140	R									NA		NA		10/23/2019
1117 55 N Market St	0.22	100	R									NA		NA		08/20/2013
1118 55 Virginia St	0.08	60	R									NA		NA		08/21/2013
1118 55 Virginia St	0.08	60	R									NA		NA		10/03/2019
1119 55 Brook St	0.15	50	R									NA		NA		08/21/2013
1120 55 West St	0.28	30	R									NA		NA		08/21/2013
1121 55 Church St	0.07	270	R									NA		NA		09/19/2019
1121 55 Church St	0.05	100	R									NA		NA		09/19/2019
1123 55 Hawthorne St	0.09	130	R									NA		NA		10/23/2019
1124 55 Tidewater St	0.14	70	R									NA		NA		10/03/2019
1125 55 Wingold St	0.08	80	R									NA		NA		08/21/2013
1125 55 Lunenburg Ave	0.08	60	R									NA		NA		10/23/2019
1126 55 E Seventh Ave	0.15	170	G	89%	4%	3%	1%	2%	0%	C	0.175	F	0.514	160	G	2020
1127 55 N Maple St	0.07	340	R									NA		NA		10/23/2019
1128 55 Brunswick Ave	0.10	270	R									NA		NA		08/21/2013
1130 55 High St	0.06	170	R									NA		NA		09/19/2019
1131 55 Cralle Ave	0.09	140	R									NA		NA		10/03/2019
1131 55 Cralle Ave	0.05	220	R									NA		NA		10/03/2019
1132 55 W Third Ave	0.12	150	R									NA		NA		10/23/2019

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						2Axle	3+Axle	1Trail	2Trail							
<b>Town of Kenbridge</b>																
1133 55 Pine Ridge Dr	0.07	30	R			From: 55-1133 Pine Ridge Dr					NA			NA		08/21/2013
1133 55 Pine Ridge Dr	0.11	120	R			To: 55-1134 Hillcrest Lane					NA			NA		09/19/2019
						From: 55-637 Broad St										
1134 55 Hillcrest Lane	0.14	90	R			To: Dead End					NA			NA		04/17/2019
						From: 55-1133 Pine Ridge Dr										
1135 55 Center St		49	R			To: 55-653 Nottoway Falls Rd					NA			NA		08/20/2013
						From: Dead End										
1136 55 Brydie St	0.09	220	R			To: 55-1117 Market St					NA			NA		10/31/2019
						From: 55-653 Nottoway Falls Rd										
1137 55 Old Plank Rd	0.08	40	R			To: Dead End					NA			NA		04/17/2019
						From: 55-1133 Pine Ridge Dr										
1138 55 Church St	0.06	80	R			To: Dead End					NA			NA		04/17/2019
						From: 55-1131 Cralle Ave; Third Ave										
1139 55 N Circle Blvd	0.06	350	R			To: SR 40, N Broad St					NA			NA		08/20/2013
						From: 55-1135 Center St										
1139 55 N Circle Blvd	0.19	290	R			To: 55-653 Poorhouse Rd					NA			NA		08/20/2013
						From: Dead End										
1140 55 Tilman St	0.04	48	R			To: 55-1131 Third Ave					NA			NA		04/17/2019
						From: 55-1142 Cralle St										
1141 55 Heathorne Ave	0.14	150	R			To: SR 40, N Broad St					NA			NA		08/20/2013
						From: 55-1131 Third Ave										
1142 55 Cralle St	0.22	80	R			To: 55-1141 Heathorne Ave					NA			NA		10/23/2019
						From: 55-653 Nottoway Falls Rd										
9926 55	0.10	100	R			To: Kenbridge Primary Sch					NA			NA		05/11/2010