

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

Special Locality Report
203
Town of Crewe

Information in this report is included in Report
67
(Nottoway 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 Crewe

Route	Jurisdiction	Length	AADT	QA	4Tire	Bus	-----Truck-----				QC	K Factor	QK	Dir Factor	AAWDT	QW
							2Axle	3+Axle	1Trail	2Trail						
	From: SCL Crewe															
49 Earl Davis Gregory Hwy	Town of Crewe (Maint: 67)	0.15	2100	N	94%	1%	1%	1%	3%	0%	N	0.088	F	0.554	2100	N
	To: US 460, East Virginia Ave															
	From: US 460 East															
49 460 Virginia Ave	Town of Crewe (Maint: 67)	1.80	9900	G	87%	1%	1%	1%	10%	0%	F	0.081	F	0.506	10000	G
	To: US 460 West															
	From: US 460, West Virginia Ave															
49 Watsons Wood Rd	Town of Crewe (Maint: 67)	0.34	1700	G	92%	1%	1%	1%	5%	0%	C	0.087	F	0.526	1700	G
	To: NCL Crewe															
	From: WCL Crewe															
460 Virginia Ave	Town of Crewe (Maint: 67)	0.76	8700	N	87%	1%	1%	1%	10%	0%	N	0.086	F	0.595	9000	N
	To: SR 49 Watsons Wood Rd															
460 49 Virginia Ave	Town of Crewe (Maint: 67)	1.80	9900	G	87%	1%	1%	1%	10%	0%	F	0.081	F	0.506	10000	G
	To: SR 49 Earl Davis Gregory Hwy															
460 Virginia Ave	Town of Crewe (Maint: 67)	0.70	9300	G	87%	1%	1%	1%	10%	0%	F	0.085	F	0.53	9400	G
	To: ECL Crewe															

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						2Axle	3+Axle	1Trail	2Trail							
Town of Crewe																
607 Rocky Ford Rd	0.21	450	N	99%	0%	0%	0%	0%	0%	N	0.116	F	0.831	450	N	2020
607 Rocky Ford Rd	0.29	390	R								NA			NA		09/28/2017
618 Carter St	0.14	1700	G	96%	1%	2%	0%	0%	0%	C	0.096	F	0.546	1700	G	2020
618 Carter St	0.14	940	G	98%	1%	1%	0%	0%	0%	C	0.089	F	0.589	950	G	2020
618 Carter St	0.13	870	G	98%	1%	1%	0%	0%	0%	C	0.091	F	0.55	870	G	2020
618 Indian Oak Rd	0.29	640	G	96%	0%	1%	1%	1%	0%	C	0.106	F	0.624	650	G	2020
618 Indian Oak Rd	0.18	580	G	97%	1%	1%	1%	1%	0%	C	0.103	F	0.554	590	G	2020
619 Tyler St	0.25	1400	G	98%	0%	1%	1%	1%	0%	C	0.094	F	0.5	1400	G	2020
630 Melody Lane	0.50	130	N	97%	1%	1%	1%	0%	0%	N	0.115	F	0.556	130	N	2020
630 Melody Lane	0.35	190	G	96%	2%	2%	0%	0%	0%	C	0.1	F	0.76	190	G	2020
630 Maryland Ave	0.13	410	G	97%	2%	1%	0%	0%	0%	C	0.104	F	0.556	410	G	2020
630 Bible Way Rd	0.28	150	G	97%	1%	1%	0%	0%	0%	C	0.11	F	0.546	150	G	2020
1001 E Carolina Ave	0.11	250	R								0.123	F	0.75	NA		09/03/2014
1001 E Carolina Ave	0.37	310	G	98%	1%	0%	0%	0%	0%	C	0.157	F	0.627	310	G	2020
1001 E Carolina Ave	0.17	510	G	97%	1%	1%	0%	1%	0%	C	0.121	F	0.654	510	G	2020
1001 Carolina Ave	0.08	620	G	96%	2%	2%	0%	0%	0%	C	0.119	F	0.52	620	G	2020
1001 W Carolina Ave	0.16	670	G	99%	1%	1%	0%	0%	0%	C	0.181	F	0.593	670	G	2020
1001 W Carolina Ave	0.28	630	G	98%	1%	1%	0%	0%	0%	C	0.226	F	0.554	630	G	2020
1001 W Carolina Ave	0.59	560	G	97%	2%	1%	0%	0%	0%	C	0.179	F	0.601	570	G	2020
1001 W Carolina Ave	0.25	410	G	97%	2%	1%	0%	0%	0%	C	0.157	F	0.565	420	G	2020
1002 Dade St	0.07	530	R								NA			NA		09/26/2017
1002 Dade St	0.27	230	R								NA			NA		09/26/2017

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Town of Crewe

Route	Length	AADT	QA	4Tire	Bus	-----Truck-----				QC	K Factor	QK	Dir Factor	AAWDT	QW	Year
						2Axle	3+Axle	1Trail	2Trail							
Town of Crewe																
1003 67 Maryland Ave	0.09	60	R								NA			NA		09/26/2017
1005 67 Fourth St	0.30	190	R								NA			NA		08/27/2014
1005 67 Fourth St	0.07	300	G	99%	0%	0%	0%	0%	0%	C	0.119	F	0.537	300	G	2020
1005 67 Fourth St	0.07	310	R								NA			NA		09/26/2017
1005 67 Fourth St	0.20	230	R								NA			NA		09/26/2017
1005 67 Fourth St	0.07	80	R								NA			NA		04/08/2020
1007 67 Rock Castle Ave	0.28	200	R								NA			NA		09/03/2014
1008 67 Paul St	0.06	30	R								NA			NA		09/03/2014
1009 67 E Tennessee Ave	0.08	150	R								NA			NA		09/26/2017
1009 67 E Tennessee Ave	0.34	450	R								NA			NA		09/26/2017
1009 67 E Tennessee Ave	0.37	260	R								NA			NA		09/26/2017
1009 67 E Tennessee Ave	0.13	150	R								NA			NA		09/26/2017
1010 67 E Maryland Ave	0.08	180	R								NA			NA		09/26/2017
1010 67 E Maryland Ave	0.25	270	R								NA			NA		09/26/2017
1010 67 E Maryland Ave	0.22	200	R								NA			NA		09/26/2017
1010 67 E Maryland Ave	0.07	60	R								NA			NA		04/08/2020
1010 67 E Maryland Ave	0.13	50	R								NA			NA		09/26/2017
1011 67 E Pennsylvania Ave	0.40	30	R								NA			NA		08/13/2020
1011 67 E Pennsylvania Ave	0.10	70	R								NA			NA		04/08/2020
1012 67 Tucker Ave	0.07	70	R								NA			NA		09/03/2014
1012 67 Tucker Ave	0.09	60	R								NA			NA		09/03/2014
1013 67 Oliver Ave	0.22	90	R								NA			NA		03/18/2020

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						2Axle	3+Axle	1Trail	2Trail							
Town of Crewe																
1013 67 Oliver Ave	0.09	60	R			From: 67-1026 Powell St					NA			NA		09/03/2014
						To: 67-618 Carter St										
1014 67 Guy Ave	0.27	60	R			From: Dead End					NA			NA		08/13/2020
						To: 67-1026 Powell St										
1015 67 Gatewood Ave	0.17	170	R			From: 67-619 Tyler St					NA			NA		09/03/2014
						To: 67-1039 Watson St					NA			NA		04/08/2020
1015 67 Gatewood Ave	0.06	40	R			From: Dead End					NA			NA		04/08/2020
						To: Dead End										
1016 67 Park Ave	0.08	30	R			From: Dead End					NA			NA		11/20/2014
						To: 67-1019 Atlantic St					NA			NA		09/03/2014
1016 67 Park Ave	0.10	150	R			From: 67-1025 Tyler St					NA			NA		09/03/2014
						To: 67-1019 Atlantic St					NA			NA		09/03/2014
1017 67 Plant St	0.10	60	R			From: 67-1019 Atlantic St					NA			NA		09/03/2014
						To: 67-1025 Tyler St										
1018 67 Walnut Ave	0.09	100	R			From: 67-1011, E Pennsylvania Ave					NA			NA		09/03/2014
						To: 67-1019 Atlantic St										
1019 67 Atlantic St	0.07	70	R			From: 67-1018 Walnut Ave					NA			NA		03/18/2020
						To: 67-1017 Plant St					NA			NA		09/03/2014
1019 67 Atlantic St	0.05	45	R			From: 67-1016 Park Ave					NA			NA		09/03/2014
						To: US 460 Virginia Ave					NA			NA		09/02/2014
1020 67 First St	0.06	80	R			From: Custis St					NA			NA		09/02/2014
						To: First St					NA			NA		09/02/2014
1020 67 Custis St	0.34	100	R			From: 67-1005 Fourth St					NA			NA		09/02/2014
						To: 67-1020 Custis St					NA			NA		03/18/2020
1021 67 Third St	0.21	60	R			From: 67-1009, E Tennessee Ave					NA			NA		09/02/2014
						To: 67-1010, E Maryland Ave					NA			NA		09/02/2014
1022 67 Second St	0.06	210	R			From: 67-1020 Custis St					NA			NA		09/26/2017
						To: US 460 Virginia Ave					NA			NA		09/26/2017
1022 67 Second St	0.14	860	R			From: 67-1009, E Tennessee Ave					NA			NA		09/26/2017
						To: 67-1047 California Ave					NA			NA		09/26/2017
1022 67 Second St	0.03	500	R			From: 67-1050 Moncure St					NA			NA		09/26/2017
						To: Dead End					NA			NA		04/08/2020
1023 67 First St	0.34	190	R			From: US 460 Virginia Ave					NA			NA		03/18/2020
						To: 67-1046 Georgia Ave					NA			NA		09/02/2014
1023 67 First St	0.06	80	R			From: 67-1047 California Ave					NA			NA		09/02/2014
						To: 67-1047 California Ave										

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						2Axle	3+Axle	1Trail	2Trail							
Town of Crewe																
1024 87 Russell St	0.07	120	R								NA			NA		09/02/2014
1024 87 Russell St	0.14	360	R								NA			NA		03/18/2020
1024 87 Russell St	0.06	110	R								NA			NA		09/02/2014
1025 87 Tyler St	0.14	1400	G	97%	1%	1%	1%	0%	0%	C	0.088	F	0.641	1400	G	2020
1025 87 Tyler St	0.24	1300	G	98%	0%	1%	1%	0%	0%	C	0.091	F	0.568	1300	G	2020
1025 87 Tyler St	0.05	1200	G	98%	0%	1%	0%	0%	0%	C	0.097	F	0.516	1200	G	2020
1026 87 Powell St	0.07	1300	R								NA			NA		09/26/2017
1026 87 Powell St	0.43	1200	R								NA			NA		09/26/2017
1027 87 Meade St	0.14	420	R								NA			NA		09/02/2014
1027 87 Meade St	0.10	240	R								NA			NA		09/02/2014
1027 87 Meade St	0.14	130	R								NA			NA		09/02/2014
1028 87 Mason St	0.16	170	R								NA			NA		09/02/2014
1029 87 Nelson St	0.18	90	R								NA			NA		09/02/2014
1030 87 Cabell St	0.06	90	R								NA			NA		09/02/2014
1030 87 Cabell St	0.07	40	R								NA			NA		09/02/2014
1031 87 Lee St	0.07	40	R								NA			NA		09/02/2014
1032 87 Stratton St	0.07	50	R								NA			NA		09/02/2014
1033 87 Lipscomb St	0.07	300	R								NA			NA		03/18/2020
1033 87 Lipscomb St	0.29	46	R								NA			NA		08/13/2020
1034 87 Berkelle St	0.07	70	R								NA			NA		09/02/2014
1034 87 Berkelle St	0.07	40	R								NA			NA		04/08/2020

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						2Axle	3+Axle	1Trail	2Trail							
Town of Crewe																
1035 67 Graves St	0.20	70	R			From: US 460 Virginia Ave					NA			NA		03/18/2020
						To: Old NCL Crewe										
1036 67 Cary St	0.07	60	R			From: US 460 Virginia Ave					NA			NA		08/27/2014
						To: 67-1001, W Carolina Ave										
1037 67 Venerable St	0.07	110	R			From: US 460 Virginia Ave					NA			NA		03/18/2020
						To: 67-1001, W Carolina Ave										
1038 67 Country Club Rd	0.07	470	R			From: US 460 Virginia Ave					NA			NA		08/27/2014
						To: 67-1001, E Carolina Ave										
1038 67 Country Club Rd	0.07	220	R			From: US 460 Virginia Ave					NA			NA		08/26/2014
						To: 67-1009, E Tennessee Ave										
1038 67 Country Club Rd	0.16	90	R			From: US 460 Virginia Ave					NA			NA		04/08/2020
						To: Dead End										
1039 67 Watson St	0.07	50	R			From: 67-618 Carter St					NA			NA		08/26/2014
						To: 67-1007 Rock Castle Ave										
1039 67 Watson St	0.08	60	R			From: US 460 Virginia Ave					NA			NA		08/26/2014
						To: 67-1015 Gatewood Ave										
1040 67 W Tennessee Ave	0.35	120	R			From: 67-1002 Dade St					NA			NA		09/26/2017
						To: 67-1043 Page St										
1041 67 Mayo St	0.13	70	R			From: US 460 Virginia Ave					NA			NA		03/18/2020
						To: 67-1040, W Tennessee Ave										
1042 67 Stith St	0.13	100	R			From: US 460 Virginia Ave					NA			NA		03/18/2020
						To: 67-1040, W Tennessee Ave										
1043 67 Page St	0.13	230	R			From: US 460 Virginia Ave					NA			NA		09/26/2017
						To: 67-1040, W Tennessee Ave										
1044 67 Archer St	0.41	420	R			From: 67-630 Melody Lane					NA			NA		03/18/2020
						To: US 460 Virginia Ave										
1046 67 E Georgia Ave	0.04	48	R			From: Dead End					NA			NA		04/08/2020
						To: 67-1005 Fourth St										
1046 67 E Georgia Ave	0.37	80	R			From: US 460 Virginia Ave					NA			NA		03/31/2020
						To: 67-1023 First St										
1047 67 E California Ave	0.12	60	R			From: 67-1023 First St					NA			NA		03/18/2020
						To: 67-1022 Second St										
1048 67 Custis St	0.06	20	R			From: End State Maintenance					NA			NA		08/27/2014
						To: 67-1024 Russell St										
1048 67 Custis St	0.04	30	R			From: US 460 Virginia Ave					NA			NA		04/08/2020
						To: Cul-de-Sac										
1050 67 Moncure St	0.07	70	R			From: Dead End					NA			NA		04/08/2020
						To: 67-1022 Second St										