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

where available

Special Locality Report
237

Town of Hillsville

Information in this report is included in Report

17

(Carroll 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.

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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
Bypas - Bypass Route
Truck - Truck Route

ALT - Alternate Route
Wye - Wye 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 Maintainenance 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 Hillsville

Route	Jurisdiction	Length	AADT	QA	4Tire	Bus	Truck 2Axle	Truck 3+Axle	Truck 1Trail	Truck 2Trail	QC	K Factor	QK	Dir Factor	AAWDT	QW
	From: SCL Hillsville															
52 Main St	Town of Hillsville (Maint: 17)	1.92	**4000**	**G**	97%	0%	1%	1%	1%	0%	F	0.082	F	0.505	4200	G
	To: US 58 West Stuart Dr / From:															
52 Main St	Town of Hillsville (Maint: 17)	2.23	**2200**	**G**	95%	0%	1%	2%	1%	0%	F	0.091	F	0.583	2300	G
	To: NCL Hillsville															
	From: WCL Hillsville															
58 221 West Stuart Dr	Town of Hillsville (Maint: 17)	2.10	**13000**	**N**	97%	0%	1%	1%	0%	0%	N	0.084	F	0.559	13000	N
	To: US 221 Floyd Pike / From:															
58 East Stuart Dr	Town of Hillsville (Maint: 17)	2.26	**1700**	**G**	97%	0%	1%	1%	0%	0%	C	0.091	F	0.604	1800	G
	To: ECL Hillsville															
	From: US 221 Floyd Pike															
100 Sylvatus Highway	Town of Hillsville (Maint: 17)		**2900**	**N**	94%	0%	1%	4%	1%	0%	N	0.097	F	0.545	3100	N
	To: NCL Hillsville															
	From: CL Hillsville															
221 58 West Stuart Dr	Town of Hillsville (Maint: 17)	2.10	**13000**	**N**	97%	0%	1%	1%	0%	0%	N	0.084	F	0.559	13000	N
	To: US 58															
	From: US 58 Stuart Dr															
221 Floyd Pike	Town of Hillsville (Maint: 17)	1.42	**5800**	**G**	96%	1%	1%	1%	2%	0%	F	0.087	F	0.535	6200	G
	To: ECL Hillsville															

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Town of Hillsville																
668 17 Virginia St	0.83	**640**	**R**								NA			NA		05/05/2020
From: US 52 Main St																
To: US 58 East Stuart Dr																
668 17 Cavalier Dr	0.35	**410**	**R**								NA			NA		04/30/2020
From: US 58 East Stuart Dr																
To: 17-972 Lynnhaven Rd																
668 17 Cavalier Dr	0.06	**280**	**R**								NA			NA		04/30/2020
From: 17-972 Lynnhaven Rd																
To: NCL Hillsville																
670 17 Snake Creek Rd	0.11	**750**	**N**	96%	1%	2%	1%	0%	0%	N	0.082	F	0.508	790	N	2020
From: ECL Hillsville																
To: US 58 Danville Pike																
703 17 Gardner Mill Rd	1.00	**90**	**R**								NA			NA		03/18/2016
From: 17-959 Willow Grove Rd																
To: US 58 West Stuart Dr																
714 17 Old Galax Pike	0.06	**570**	**R**								NA			NA		06/04/2019
From: WCL Hillsville																
To: 17-1020 West Grayson St																
780 17 Howlette St	2.30	**880**	**R**								NA			NA		06/04/2019
From: US 52 Main St																
To: US 58 West Stuart Dr																
835 17 John Edward Lane	0.50	**140**	**R**								NA			NA		03/18/2016
From: US 52 Main St																
To: Dead End																
865 17 Akers Ave	0.20	**90**	**R**								NA			NA		04/09/2020
From: US 52 Main St																
To: Dead End																
886 17 Beaver Dam Rd	0.20	**1200**	**G**	98%	0%	0%	0%	0%	0%	C	0.098	F	0.559	1300	G	2020
From: SR 52																
To: 17-1011 Valley View Lane																
886 17 Beaver Dam Rd	0.36	**1000**	**G**	98%	0%	0%	0%	0%	0%	F	0.100	F	0.603	1100	G	2020
From: 17-1011 Valley View Lane																
To: ECL Hillsville																
959 17 Willow Grove Rd	0.53	**6**	**R**								NA			NA		11/07/2001
From: WCL Hillsville																
To: 17-703 Gardner Mill Rd																
962 17 Water Plant Rd	0.52	**220**	**R**								NA			NA		04/09/2020
From: WCL Hillsville																
To: US 52 Main St																
972 17 Lynnhaven Rd	0.18	**120**	**R**								NA			NA		04/30/2020
From: 17-668 Cavalier Dr																
To: Dead End																
1000 17 Nicholas St	0.15	**70**	**R**								NA			NA		06/19/2019
From: 17-1017 Lyons Circle																
To: 17-668 Virginia St																
1001 17 Pine St	0.15	**350**	**R**								NA			NA		04/30/2020
From: 17-1002, E Grayson St																
To: 17-1008 Court St																
1001 17 Pine St	0.05	**340**	**R**								NA			NA		04/30/2020
From: 17-1008 Court St																
To: 17-1003 Carroll St																
1001 17 Pine St	0.06	**290**	**R**								NA			NA		04/30/2020
From: 17-1003 Carroll St																
To: 17-1009 Edgewood Dr																
1002 17 E Grayson St	0.04	**920**	**R**								NA			NA		06/04/2019
From: US 52; 17-1020																
To: 17-1001 Pine St																
1002 17 E Grayson St	0.56	**1500**	**R**								NA			NA		06/04/2019
From: 17-1001 Pine St																
To: US 221 Floyd Pike																

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Town of Hillsville

Route	Length	AADT	QA	4Tire	Bus	Truck 2Axle	Truck 3+Axle	Truck 1Trail	Truck 2Trail	QC	K Factor	QK	Dir Factor	AAWDT	QW	Year
Town of Hillsville																
1003 17 Carroll St	0.07	**540**	From: US 52 Main St **R** To: 17-1001 Pine St								NA			NA		04/30/2020
1004 17 Center St	0.15	**280**	From: Dead End **R** To: US 52 Main St								NA			NA		05/05/2020
1005 17 Ginger Lane	0.02	**20**	From: Dead End **R** To: 17-1016 Morningview Heights								NA			NA		08/01/2019
1006 17 Jones Rd	0.31	**410**	From: 17-1007 Archa St **R** To: 17-668 Virginia St								NA			NA		06/19/2019
1007 17 Archa St	0.29	**260**	From: US 52 Main St **R** To: 17-1024 Dogwood Dr								NA			NA		06/19/2019
1007 17 Archa St	0.06	**180**	From: 17-1024 Dogwood Dr **R** To: 17-1025 Chinquapin Trail								NA			NA		06/19/2019
1007 17 Archa St	0.51	**140**	From: 17-1025 Chinquapin Trail **R** To: 17-1006 Jones Rd								NA			NA		06/19/2019
1007 17 Archa St	0.15	**40**	From: 17-1006 Jones Rd **R** To: Dead End								NA			NA		06/19/2019
1008 17 Court St	0.07	**300**	From: US 52 Main St **R** To: 17-1001 Pine St								NA			NA		04/30/2020
1009 17 Edgewood Dr	0.07	**420**	From: US 52 Main St **R** To: 17-1001 Pine St								NA			NA		04/30/2020
1009 17 Edgewood Dr	0.30	**340**	From: 17-1001 Pine St **R** To: 17-1010 Evergreen St								NA			NA		04/30/2020
1009 17 Edgewood Dr	0.20	**160**	From: 17-1010 Evergreen St **R** To: 17-1026 Lynn St								NA			NA		04/30/2020
1009 17 Edgewood Dr	0.12	**50**	From: 17-1026 Lynn St **R** To: Dead End								NA			NA		08/01/2019
1010 17 Evergreen St	0.24	**160**	From: Dead End **R** To: 17-1009 Edgewood Dr								NA			NA		08/01/2019
1010 17 Evergreen St	0.09	**120**	From: 17-1009 Edgewood Dr **R** To: Dead End								NA			NA		08/01/2019
1011 17 Valley View Lane	0.30	**100**	From: 17-886 Island Creek Dr **R** To: Dead End								NA			NA		08/01/2019
1012 17 Fulcher St	0.14	**770**	From: 17-1013 Fulcher St **R** To: US 58 East Stuart Dr								NA			NA		05/05/2020
1013 17 Fulcher St	0.18	**660**	From: 17-1015 Wilkinson Dr **R** To: 17-1012 Fulcher St								NA			NA		05/05/2020
1014 17 Oak St	0.33	**50**	From: US 58 West Stuart Dr **R** To: US 52 Main St								NA			NA		10/11/2013
1015 17 Wilkinson Dr	0.12	**780**	From: US 52 Main St **R** To: 17-1013 Fulcher St								NA			NA		05/05/2020
1015 17 Wilkinson Dr	0.08	**350**	From: 17-1013 Fulcher St **R** To: 17-668 Virginia St								NA			NA		05/05/2020

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Town of Hillsville																
1016 17 Morningview Heights	0.10	**140**	From: US 52 Main St **R** To: 17-1005 Ginger Lane								NA			NA		08/01/2019
1016 17 Morningview Heights	0.15	**46**	From: 17-1005 Ginger Lane **R** To: Dead End								NA			NA		08/01/2019
1017 17 Lyons Circle	0.21	**60**	From: Dead End **R** To: 17-1000 Nicholas St								NA			NA		06/06/2019
1017 17 Lyons Circle	0.07	**120**	From: 17-1000 Nicholas St **R** To: US 52 Main St								NA			NA		06/06/2019
1018 17 Lyons Dr	0.10	**60**	From: US 52 Main St **R** To: Dead End								NA			NA		06/06/2019
1019 17 Cox St	0.20	**70**	From: 17-1020 West Grayson St **R** To: US 58 West Stuart Dr								NA			NA		06/04/2019
1020 17 West Grayson St	1.12	**310**	From: US 58 West Stuart Dr **R** To: US 52; 17-1001								NA			NA		05/05/2020
1022 17 Wade St	0.04	**90**	From: US 52 Main St **R** To: 17-1023 Bohon St								NA			NA		06/06/2019
1023 17 Bohon St	0.16	**40**	From: 17-1022 Wade St **R** To: 17-1018 Lyons Dr								NA			NA		06/06/2019
1024 17 Dogwood Dr	0.25	**48**	From: 17-1007 Archa St **R** To: 17-1025 Chinquapin Trail								NA			NA		06/06/2019
1025 17 Chinquapin Trail	0.34	**70**	From: 17-1007 Archa St **R** To: 17-1024 Dogwood Dr								NA			NA		06/06/2019
1025 17 Chinquapin Trail	0.41	**150**	From: 17-1024 Dogwood Dr **R** To: 17-668 Virginia St								NA			NA		06/06/2019
1026 17 Lynn St	0.05	**130**	From: 17-1009 Edgewood Dr **R** To: 17-1027 Woodland Dr								NA			NA		08/01/2019
1027 17 Woodland Dr	0.08	**30**	From: Dead End **R** To: 17-1026 Lynn St								NA			NA		08/01/2019
1028 17 Raintree Rd	0.15	**60**	From: 17-972 Lynnhaven Rd **R** To: 17-1029 S, Cumberland Dr								NA			NA		04/30/2020
1028 17 Raintree Rd	0.42	**40**	From: 17-1029 S, Cumberland Dr **R** To: 17-1029 N, Cumberland Dr								NA			NA		04/30/2020
1028 17 Raintree Rd	0.31	**170**	From: 17-1029 N, Cumberland Dr **R** To: US 221 Floyd Pike								NA			NA		04/30/2020
1029 17 Cumberland Dr	0.12	**50**	From: 17-1028 S, Raintree Rd **R** To: 17-1028 N, Raintree Rd								NA			NA		04/30/2020
1031 17 Highland Park Dr	0.10	**200**	From: 17-1032 Highland Park Dr **R** To: 17-1033 Hidden Pines Lane								NA			NA		06/28/2016
1031 17 Highland Park Dr	0.07	**110**	From: 17-1033 Hidden Pines Lane **R** To: 17-1034 Big Red Dr								NA			NA		06/04/2019

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Town of Hillsville																
(1032 17) Highland Park Dr	0.06	**260**	**R**								NA			NA		06/04/2019
From: 17-1031 Highland Park Dr																
To: US 52 Main St																
(1033 17) Hidden Pines Lane	0.18	**110**	**R**								NA			NA		06/04/2019
From: 17-1034 Big Red Dr																
To: 17-1031 Highland Park Dr																
(1034 17) Big Red Dr	0.08	**130**	**R**								NA			NA		06/04/2019
From: US 52 Main St																
To: 17-1031 Highland Park Dr																
(1034 17) Big Red Dr	0.23	**80**	**R**								NA			NA		06/04/2019
From: 17-1033 Hidden Pines Lane																
To: 17-780 Howlette St																
(1034 17) Big Red Dr	0.22	**130**	**R**								NA			NA		06/04/2019
From: Dead End																
To: 17-1042 Crestview Dr																
(1041 17) Forest Dr	0.07	**50**	**R**								NA			NA		08/01/2019
From: 17-1042 Crestview Dr																
To: US 52 Main St																
(1041 17) Forest Dr	0.18	**270**	**R**								NA			NA		08/01/2019
From: 17-1041 Forest Dr																
To: 17-1043 Shady Lane																
(1042 17) Crestview Dr	0.12	**140**	**R**								NA			NA		08/01/2019
From: 17-1043 Shady Lane																
To: Dead End																
(1042 17) Crestview Dr	0.04	**30**	**R**								NA			NA		08/01/2019
From: Dead End																
To: 17-1042 Crestview Dr																
(1043 17) Shady Lane	0.09	**60**	**R**								NA			NA		08/01/2019
From: US 58 East Stuart Dr																
To: NCL Hillsville																
(1046 17) Meridian Lane	0.07	**110**	**R**								NA			NA		04/23/2020
From: 17-1020 West Grayson St																
To: 17-1119 Rosebud St																
(1118 17) Victory Lane	0.18	**100**	**R**								NA			NA		03/24/2016
From: Dead End																
To: 17-1118 Victory Lane																
(1119 17) Rosebud St	0.06	**40**	**R**								NA			NA		03/24/2016
From: 17-1014 Oak St																
To: 17-1014 Oak St																
(9748 17) Carroll County Education Ctr	0.05	**70**	**R**								NA			NA		03/10/2016
From: US 58 Bus																
To: US 52																
US 58 Hillsville Bypass		**2600**	**G**	92%	1%	1%	1%	6%	0%	C	0.086	F	0.557	2600	G	2020
From: US 52																
To: US 58 Bus																
US 58 Hillsville Bypass		**1900**	**G**								0.088	F	0.51	1900	G	2020