2018
Virginia Department of Transportation
Daily Traffic Volume Estimates
Including Vehicle Classification Estimates

where available

Special Locality Report
187

Town of Chatham

Information in this report is included in Report

71

(Pittsylvania County)

Prepared By

Virginia Department of Transportation
Traffic Engineering Division

In Cooperation With

U.S. Department of Transportation
Federal Highway Administration

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 busses.

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
2018
Annual Average Daily Traffic Volume Estimates By Section of Route
Town of Chatham

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 Chatham															
29	Town of Chatham (Maint: 71)	0.03	**18000**	**N**	87%	1%	1%	1%	10%	1%	N	0.082	F	0.517	18000	N
	To: Bus US 29 South Main St															
	From: Bus US 29 South Main St															
29	Town of Chatham (Maint: 71)	0.76	**15000**	**G**	87%	1%	1%	1%	10%	1%	F	0.080	F	0.511	14000	G
	To: NCL Chatham															
	From: US 29 South of Chatham															
Bus 29 S Main St	Town of Chatham (Maint: 71)	1.36	**5700**	**F**	97%	0%	1%	1%	1%	0%	C	0.098	F	0.556	5700	F
	To: SR-57 S, Halifax Rd															
	From: SR-57 S, Halifax Rd															
Bus 29 57 S Main St	Town of Chatham (Maint: 71)	0.19	**5700**	**N**	97%	0%	1%	1%	1%	0%	N	0.098	F	0.556	5700	N
	To: SR-57 N, Depot St															
	From: SR-57 N, Depot St															
Bus 29 N Main St	Town of Chatham (Maint: 71)	0.90	**3600**	**F**	97%	0%	1%	1%	1%	0%	F	0.094	F	0.621	3500	F
	To: NCL Chatham															
	From: WCL Chatham															
57 Depot St	Town of Chatham (Maint: 71)	0.52	**3700**	**N**	90%	1%	2%	1%	6%	0%	N	0.090	F	0.615	3700	N
	To: Bus US 29 N, S Main St															
	From: BUS US 29															
57 Bus 29 S Main St	Town of Chatham (Maint: 71)	0.19	**5700**	**N**	97%	0%	1%	1%	1%	0%	N	0.098	F	0.556	5700	N
	To: BUS US 29															
	From: Bus US 29 S, S Main St															
57 Halifax Rd	Town of Chatham (Maint: 71)	0.18	**1400**	**F**	95%	1%	1%	0%	3%	0%	C	0.089	F	0.588	1400	F
	To: ECL Chatham															

Virginia Department of Transportation
Traffic Engineering Division
2018
Annual Average Daily Traffic Volume Estimates By Section of Route
Town of Chatham

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 Chatham																
F632 Haymes Lane	0.48	**20**	**R**								NA			NA		07/31/2018
From: Dead End																
To: 71-694 Davis Rd																
685 71 Hurt St	0.13	**360**	**R**								NA			NA		07/14/2015
From: 71-1407 Military Dr																
To: Bus US 29																
685 71 Hurt St	0.44	**840**	**F**	97%	0%	1%	0%	1%	0%	C	0.132	F	0.526	830	F	2018
From: Bus US 29																
To: ECL Chatham																
694 71 Davis Rd	0.52	**270**	**R**								NA			NA		07/31/2018
From: Dead End; Gap																
To: 71-1420 E, Oakland Dr																
694 71 Davis Rd	0.27	**910**	**R**								NA			NA		07/31/2018
From: 71-1420 E, Oakland Dr																
To: US 29 Bus SOUTH																
694 71 Woodland Heights	0.50	**340**	**R**								NA			NA		07/31/2018
From: US 29 Bus NORTH																
To: Dead End																
1401 71 Pruden St	0.03	**940**	**R**								NA			NA		07/16/2015
From: Bus US 29																
To: 71-1419 Payne St																
1401 71 Pruden St	0.03	**840**	**R**								NA			NA		07/16/2015
From: 71-1419 Payne St																
To: 71-1408 Reid St																
1401 71 Pruden St	0.03	**1300**	**R**								NA			NA		07/16/2015
From: 71-1408 Reid St																
To: 71-1418 Bank St																
1401 71 Pruden St	0.09	**740**	**R**								NA			NA		07/16/2015
From: 71-1418 Bank St																
To: 71-1404 Peach St																
1401 71 Pruden St	0.01	**300**	**R**								NA			NA		07/16/2015
From: 71-1404 Peach St																
To: Dead End																
1402 71 Carter St	0.09	**980**	**R**								NA			NA		07/14/2015
From: SR 57 Depot St																
To: 71-1415 Bank St																
1402 71 Whittle St	0.10	**850**	**R**								NA			NA		07/14/2015
From: 71-1415 Bank St																
To: 71-1407 Military Dr																
1402 71 Whittle St	0.09	**440**	**R**								NA			NA		07/14/2015
From: 71-1414 Whittle St																
To: WCL Chatham																
1402 71 Rison St	0.20	**170**	**R**								NA			NA		07/14/2015
From: SR 57 Depot St																
To: 71-1416 Sugar Hill Rd																
1403 71 Whitehead St	0.06	**580**	**R**								NA			NA		07/16/2015
From: 71-1416 Sugar Hill Rd																
To: 71-1440 Depot St																
1403 71 Whitehead St	0.07	**610**	**R**								NA			NA		07/16/2015
From: 71-1440 Depot St																
To: Bus US 29																
1403 71 Whitehead St	0.37	**850**	**R**								NA			NA		07/16/2015
From: 71-1401 Pruden St																
To: 71-1405 Lanier Ave																
1404 71 Peach St	0.10	**520**	**R**								NA			NA		07/16/2015
From: 71-1405 Lanier Ave																
To: 71-1410 Holt St																
1404 71 Peach St	0.15	**520**	**R**								NA			NA		07/16/2015
From: 71-1410 Holt St																
To: 71-1412 Oak St																
1404 71 Peach St	0.15	**490**	**R**								NA			NA		07/16/2015
From: 71-1412 Oak St																
To: 71-685 Hurt St																
1404 71 Peach St	0.19	**530**	**R**								NA			NA		07/16/2015
From: 71-685 Hurt St																
To: Bus US 29; 71-1441																
1404 71 Peach St	0.10	**510**	**R**								NA			NA		07/16/2015

Virginia Department of Transportation
Traffic Engineering Division
2018
Annual Average Daily Traffic Volume Estimates By Section of Route
Town of Chatham

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 Chatham																
1405 71 Church Lane	0.07	**110**	**R**								NA			NA		12/03/2015
From: 71-1407 Military Dr To: 71-1422 Hunt St																
1405 71 Church Lane	0.07	**180**	**R**								NA			NA		12/03/2015
From: Bus US 29 To: 71-1404 Peach St																
1405 71 Lanier Ave	0.22	**400**	**R**								NA			NA		12/03/2015
From: 71-1407 Military Dr To: Bus US 29																
1406 71 Center St	0.13	**640**	**R**								NA			NA		07/14/2015
From: 71-1402 Whittle St To: 71-1406 Center St																
1407 71 Military Dr	0.06	**530**	**R**								NA			NA		07/14/2015
From: 71-1405 Church Lane To: 71-1410 Hargrave Blvd																
1407 71 Military Dr	0.07	**630**	**R**								NA			NA		07/14/2015
From: 71-1685 Hurt St To: SR 57 Halifax Rd																
1407 71 Military Dr	0.15	**450**	**R**								NA			NA		07/14/2015
From: 71-1401 Pruden St To: 71-1407 Military Dr																
1407 71 Military Dr	0.24	**260**	**R**								NA			NA		07/14/2015
From: SR 57 Halifax Rd To: 71-1401 Pruden St																
1408 71 Reid St	0.22	**970**	**R**								NA			NA		07/16/2015
From: 71-685 Hurt St To: Bus US 29																
1409 71 Spruce Hill St	0.19	**90**	**R**								NA			NA		07/14/2015
From: 71-1407 Military Dr To: Bus US 29																
1410 71 Hargrave Blvd	0.14	**510**	**R**								NA			NA		07/14/2015
From: Bus US 29 To: 71-1413 Gilmer Dr																
1410 71 Holt St	0.01	**250**	**R**								NA			NA		07/16/2015
From: 71-1413 Gilmer Dr To: 71-1411 Catalpa Dr																
1410 71 Holt St	0.14	**160**	**R**								NA			NA		07/16/2015
From: 71-1411 Catalpa Dr To: 71-1404 Peach St																
1410 71 Holt St	0.07	**230**	**R**								NA			NA		07/16/2015
From: 71-1410 Holt St To: 71-1412 Oak St																
1411 71 Catalpa Dr	0.14	**130**	**R**								NA			NA		07/16/2015
From: 71-1411 Catalpa Dr To: 71-1404 Peach St																
1412 71 Oak St	0.07	**120**	**R**								NA			NA		07/16/2015
From: 71-1410 Holt St To: Bus US 29																
1413 71 Gilmer Dr	0.08	**45**	**R**								NA			NA		07/16/2015
From: Dead End To: 71-1402 Rison St; Whittle St																
1414 71 Whittle St	0.19	**130**	**R**								NA			NA		07/14/2015
From: 71-1402 Whittle St; Carter St To: Bus US 29; Gap																
1415 71 Bank St	0.03	**970**	**R**								NA			NA		07/14/2015
From: 71-1419 Gap To: 71-1418 Bank St																
1415 71 Court Place	0.07	**480**	**R**								NA			NA		07/16/2015
From: 71-1403 Whitehead St To: SR 57 Depot St																
1416 71 Sugar Hill Rd	0.26	**260**	**R**								NA			NA		07/16/2015

Virginia Department of Transportation
Traffic Engineering Division
2018
Annual Average Daily Traffic Volume Estimates By Section of Route
Town of Chatham

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 Chatham																
1418 71 Bank St	0.03	**520**	**R**								NA			NA		07/16/2015
From: 71-1401 Pruden St To: 71-1415 Court Place																
1419 71 Payne St	0.03	**160**	**R**								NA			NA		07/16/2015
From: Dead End To: 71-1401 Pruden St																
1419 71 Payne St	0.04	**250**	**R**								NA			NA		07/16/2015
From: 71-1401 Pruden St To: 71-1415 Court Place																
1420 71 Oakland Dr	0.20	**310**	**R**								NA			NA		07/20/2015
From: 71-694 W, Davis Rd To: 71-1426 N, Hedrick Dr																
1420 71 Oakland Dr	0.10	**250**	**R**								NA			NA		07/20/2015
From: 71-1426 S, Hedrick Dr To: 71-694 E, Davis Rd																
1421 71 Jefferson Rd	0.21	**160**	**R**								NA			NA		07/20/2015
From: 71-694 Davis Rd To: Dead End																
1422 71 Hunt St	0.09	**90**	**R**								NA			NA		07/14/2015
From: 71-1405 Church Lane To: Dead End																
1423 71 Washington Court	0.03	**40**	**R**								NA			NA		07/20/2015
From: 71-694 Davis Rd To: Dead End																
1424 71 Paul Rd	0.23	**550**	**R**								NA			NA		07/16/2015
From: SR 57 Depot St To: Dead End																
1426 71 Hedrick Dr	0.25	**160**	**R**								NA			NA		07/20/2015
From: 71-1420 Oakland Dr To: 71-1420 Oakland Dr																
1427 71 Minor Rd	0.12	**80**	**R**								NA			NA		07/20/2015
From: Dead End To: Bus US 29																
1440 71 Depot St	0.29	**200**	**R**								NA			NA		07/16/2015
From: 71-1403 Whitehead St To: SR 57 Depot St																
1441 71 Lynn St	0.12	**160**	**R**								NA			NA		07/14/2015
From: Bus US 29; 71-1404 To: Dead End																
1443 71 Evergreen Rd	0.20	**130**	**R**								NA			NA		07/20/2015
From: Bus US 29 To: Dead End																
1449 71 Aston Place	0.08	**120**	**R**								NA			NA		07/14/2015
From: 71-1402 Rison St To: Dead End																
1460 71 Catalpa Dr	0.13	**270**	**R**								NA			NA		07/31/2018
From: 71-1411; 71-1412 To: 71-685 Hurt St																
9323 71 Chatham Elementary Lane	0.06	**120**	**R**								NA			NA		03/19/2015
From: Chatham Elem Sch To: Bus US 29																
9495 71 Central School Lane	0.25	**570**	**R**								NA			NA		03/19/2015
From: Central Elem Sch To: Bus US 29																