

2016
Virginia Department of Transportation
Daily Traffic Volume Estimates
Including Vehicle Classification Estimates

where available

Special Locality Report

199

Town of Colonial Beach

Information in this report is included in Report

96

(Westmoreland 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

- North
 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
 Bus - Business Route
Bypas - Bypass Route
Truck - Truck Route
- ALT
 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
 2016
 Annual Average Daily Traffic Volume Estimates By Section of Route
 Town of Colonial Beach

Route	Jurisdiction	Length	AADT	QA	4Tire	Bus	-----Truck-----				QC	K Factor	QK	Dir Factor	AAWDT	QW
							2Axle	3+Axle	1Trail	2Trail						
	From: NWCL Colonial Beach															
(205)	Town of Colonial Beach (Maint: 96)	1.77	5000	N	96%	1%	1%	1%	1%	0%	N	0.096	0.694	5100	N	
	To: Y SR 205															
(205)	James Monroe Hwy, McKinney Blvd	0.29	5200	F	98%	1%	1%	0%	0%	0%	F	0.096	0.544	5300	F	
	To: SCL Colonial Beach															
Wye	From: WCL Colonial Beach															
(205)	Colonial Ave	0.69	5800	N	98%	0%	1%	0%	0%	0%	N	0.086	0.513	5800	N	
	To: End State Maintenance SR 205															

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						2Axle	3+Axle	1Trail	2Trail							
Town of Colonial Beach																
From: 1101 96 Irving Ave	1.35	450	F	98%	0%	2%	0%	0%	0%	C	0.116		0.684	450	F	2016
To: 96-1121 Monroe Bay Ave																
From: 1101 96 Beach Terrace	0.06	960	R								NA			NA		08/07/2013
To: 96-1103 Boundary St																
To: 96-1108 Hawthorn St																
From: 1102 96 Bancroft Ave	0.09	110	R								NA			NA		05/25/2016
To: 96-1119 Lossing Ave																
From: 1102 96 Bancroft Ave	1.08	310	F	98%	1%	1%	0%	0%	0%	F	0.113		0.566	320	F	2016
To: 96-1144 Dandridge Lane																
To: 96-1103 S, Boundary St																
From: 1102 96 Washington Ave	0.12	2200	F	98%	1%	1%	0%	0%	0%	F	0.098		0.559	2200	F	2016
To: 96-1103 N, Boundary St																
To: 96-1127 Dennison St																
From: 1102 96 Washington Ave	0.19	2900	F	98%	1%	1%	0%	0%	0%	C	0.097		0.531	2900	F	2016
To: SR 205 Y																
To: 96-1113 Given St																
From: 1103 96 Boundary St	0.03	47	R								NA			NA		08/07/2013
To: Dead End																
From: 1103 96 Boundary St	0.11	690	F	99%	0%	1%	0%	0%	0%	C	0.113		0.532	700	F	2016
To: 96-1121 Monroe Bay Ave																
To: 96-1102 E, Washington Ave																
From: 1103 96 Boundary St	0.09	1800	R								NA			NA		08/07/2013
To: 96-1102 N, Washington Ave																
From: 1103 96 Boundary St	0.03	690	F	99%	0%	1%	0%	0%	0%	F	0.103		0.599	700	F	2016
To: 96-1111 Irving Ave North																
To: 96-1101 Beach Terrace																
From: 1104 96 Thackary St	0.26	60	R								NA			NA		08/07/2013
To: 96-1121 Monroe Bay Ave																
To: 96-1101 Yeocomico Lane																
From: 1105 96 Hamilton St	0.26	30	R								NA			NA		08/07/2013
To: 96-1121 Monroe Bay Ave																
To: 96-1101 Yeocomico Lane																
From: 1106 96 Weems St	0.26	70	R								NA			NA		08/07/2013
To: 96-1121 Monroe Bay Ave																
To: 96-1101 Yeocomico Lane																
From: 1107 96 Marshall Ave	0.37	240	R								NA			NA		08/07/2013
To: 96-1120 Lawrence Lane																
From: 1107 96 Marshall Ave	0.58	510	R								NA			NA		08/07/2013
To: 96-1122 Wirt St																
From: 1107 96 Garfield Ave	0.12	1200	F	99%	0%	1%	0%	0%	0%	C	0.098		0.538	1200	F	2016
To: 96-1103 Boundary St																
From: 1107 96 Marshall Ave	0.06	1500	R								NA			NA		08/07/2013
To: 96-1127 Dennison St																
To: 96-1110 Wilder Ave																
From: 1108 96 Hawthorn St	0.21	920	R								NA			NA		08/07/2013
To: 96-1107 Garfield Ave																
To: 96-1101 Beach Terrace																
From: 1109 96 Taylor St	0.12	800	R								NA			NA		09/18/2013
To: 96-1108 Hawthorn St																
To: 96-1110 Wilder Ave																
From: 1110 96 Wilder Ave	0.27	900	R								NA			NA		09/18/2013
To: 96-1126 Lynnhaven Ave																
To: 96-1109 Taylor St																

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Town of Colonial Beach

Route	Length	AADT	QA	4Tire	Bus	-----Truck-----				QC	K Factor	QK	Dir Factor	AAWDT	QW	Year
						2Axle	3+Axle	1Trail	2Trail							
Town of Colonial Beach																
1111 96 Irving Ave	0.21	150	F	95%	1%	2%	2%	0%	0%	C	0.139			150	F	2016
1112 96 Taggart St	0.28	240	R								NA			NA		08/07/2013
1113 96 Given St	0.19	100	R								NA			NA		08/07/2013
1114 96 First St	0.60	1700	F	97%	2%	0%	0%	0%	0%	C	0.145	0.646		1700	F	2016
1115 96 Ninth St	0.60	170	R								NA			NA		08/07/2013
1116 96 Lincoln Ave	0.32	40	R								NA			NA		08/07/2013
1117 96 Longfellow Ave	0.12	60	R								NA			NA		08/07/2013
1118 96 Douglas Ave	0.19	200	R								NA			NA		08/07/2013
1118 96 Garfield Ave	0.40	460	R								NA			NA		08/07/2013
1119 96 Lossing Ave	0.74	160	R								NA			NA		08/07/2013
1119 96 Lossing Ave	0.48	540	R								NA			NA		08/07/2013
1120 96 Lawrence Lane	0.29	70	R								NA			NA		08/07/2013
1121 96 Monroe Bay Ave	1.28	570	F	98%	0%	1%	0%	0%	0%	C	0.113	0.609		570	F	2016
1122 96 Wirt St	0.25	50	R								NA			NA		08/07/2013
1123 96 Robin Grove Lane	0.14	80	R								NA			NA		08/07/2013
1124 96 Lafayette St	0.19	290	R								NA			NA		08/07/2013
1124 96 Lafayette St	0.26	60	R								NA			NA		08/20/2013
1125 96 Livingstone St	0.32	160	R								NA			NA		08/20/2013
1126 96 Lynnhaven Ave	0.13	1300	F	96%	1%	2%	1%	0%	0%	F	0.1	0.577		1300	F	2016
1126 96 Lynnhaven Ave	0.06	1600	G	96%	1%	2%	1%	0%	0%	C	0.121	0.562		1700	G	2016

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						2Axle	3+Axle	1Trail	2Trail							
Town of Colonial Beach																
(1126/96) Jackson St	0.59	780	F	96%	1%	SR 205 Y				F	0.108		0.575	790	F	2016
(1126/96) Myers Ave	0.05	450	F	96%	1%	96-1140 Fifth St				F	0.117		0.555	450	F	2016
(1126/96) Myers Ave	0.30	290	F	96%	1%	96-1141 Sixth St				F	0.127		0.541	290	F	2016
(1127/96) Dennison St	0.10	1100	F	99%	0%	96-1126 Lynnhaven Ave				C	0.098		0.565	1200	F	2016
(1127/96) Dennison St	0.17	120	R			96-1107 Marshall Ave; Garfield Ave					NA			NA		08/20/2013
(1128/96) Jefferson St	0.18	60	R			96-1109 Taylor St					NA			NA		08/20/2013
(1129/96) Madison St	0.28	60	R			96-1121 Monroe Bay Ave					NA			NA		08/20/2013
(1130/96) Sulgrave St	0.23	45	R			96-1119 Lossing Ave					NA			NA		08/20/2013
(1131/96) Franklin Ave	0.24	60	R			Dead End					NA			NA		08/20/2013
(1132/96) Bryant Ave	0.16	490	R			96-1101 Yeocomico Lane					NA			NA		08/20/2013
(1133/96) Second St	0.59	230	R			96-1121 Monroe Bay Ave					NA			NA		08/20/2013
(1134/96) Lee St <The Beach>	0.12	120	R			96-1101 Yeocomico Lane					NA			NA		08/20/2013
(1135/96) Fourth St	0.27	140	R			96-1159 Kintz St					NA			NA		08/20/2013
(1136/96) Riverview Circle	0.16	100	R			96-1102 Washington Ave					NA			NA		08/20/2013
(1137/96) Eleventh St	0.09	48	R			96-1113 Given St					NA			NA		08/20/2013
(1138/96) Virginia Ave	0.10	50	R			96-1114 First St					NA			NA		08/20/2013
(1139/96) Maryland Ave	0.10	80	R			SR 205					NA			NA		09/18/2013
(1140/96) Fifth St	0.27	70	R			96-1134 Lee St <The Beach>					NA			NA		08/20/2013
(1141/96) Sixth St	0.59	70	R			96-1114 First St					NA			NA		08/20/2013
						96-1149 Third St <The Beach>					NA			NA		08/20/2013
						96-1160 Dwight Ave					NA			NA		08/20/2013
						96-1143 Beach Ave					NA			NA		08/20/2013
						SR 205					NA			NA		08/20/2013
						96-1153 Riverview Dr					NA			NA		08/20/2013
						96-1126 Myers Ave					NA			NA		08/20/2013
						96-1143 Beach Ave					NA			NA		08/20/2013
						96-1102 Washington Ave					NA			NA		08/20/2013
						Dead End					NA			NA		08/20/2013
						96-1102 Washington Ave					NA			NA		04/13/2016
						Dead End					NA			NA		04/13/2016
						96-1160 Dwight Ave					NA			NA		08/20/2013
						96-1143 Beach Ave					NA			NA		08/20/2013
						SR 205					NA			NA		08/20/2013
						96-1143 Beach Ave					NA			NA		08/20/2013

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						2Axle	3+Axle	1Trail	2Trail							
Town of Colonial Beach																
1142 96 Seventh St	0.58	290	R									NA		NA		08/20/2013
1143 96 Beach Ave	0.42	160	R									NA		NA		08/20/2013
1144 96 Dandridge Lane	0.20	70	R									NA		NA		08/20/2013
1145 96 Chamberlayne St	0.24	40	R									NA		NA		08/20/2013
1146 96 Ball St	0.22	50	R									NA		NA		08/20/2013
1147 96 Nelson St	0.27	50	R									NA		NA		08/20/2013
1148 96 Vernon St	0.20	46	R									NA		NA		08/20/2013
1149 96 Third Street <The Beach>	0.57	300	R									NA		NA		09/18/2013
1150 96 Eighth St	0.28	40	R									NA		NA		08/21/2013
1151 96 Tenth St	0.11	40	R									NA		NA		08/21/2013
1152 96 Twelfth St	0.55	570	F	98%	1%	1%	0%	0%	0%	C	0.095	0.564	570	F		2016
1153 96 Riverview Circle	0.22	80	R									NA		NA		08/21/2013
1153 96 Riverview Dr	0.45	340	R									NA		NA		09/18/2013
1154 96 Mimosa Ave	0.47	300	R									NA		NA		08/21/2013
1155 96 Cedar Ave	0.37	370	R									NA		NA		08/21/2013
1157 96 Westmoreland Ave	0.06	40	R									NA		NA		08/21/2013
1158 96 Billingsley Ave	0.14	150	R									NA		NA		08/21/2013
1159 96 Kintz St	0.20	70	R									NA		NA		08/21/2013
1160 96 Dwight Ave	0.57	340	R									NA		NA		09/18/2013

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						2Axle	3+Axle	1Trail	2Trail							
Town of Colonial Beach																
1161 96 Locust Ave	0.47	250	R			From	SR 205				NA			NA		09/18/2013
						To	96-1153 Riverview Dr									
1162 96 Wakefield St	0.31	60	R			From	96-1161 Locust Ave				NA			NA		08/21/2013
						To	96-1136 Riverview Circle									
1163 96 Stratford St	0.25	80	R			From	96-1161 Locust Ave				NA			NA		08/21/2013
						To	96-1153 Riverview Dr									
1164 96 Monroe St	0.20	130	R			From	Dead End				NA			NA		04/13/2016
						To	SR 205 Y									
1165 96 Esmond Lane	0.12	50	R			From	96-1144 Dandridge Lane				NA			NA		08/21/2013
						To	96-1120 Lawrence Lane									
1166 96 Euclid St	0.16	960	R			From	SR 205 Y				NA			NA		08/21/2013
						To	96-1114 First St									
1166 96 Euclid St	0.06	620	R			From	96-1114 First St				NA			NA		08/21/2013
						To	96-1133 Second St									
1166 96 Euclid St	0.06	580	R			From	96-1133 Second St				NA			NA		09/18/2013
						To	96-1149 Third St <The Beach>									
1166 96 Euclid St	0.13	330	R			From	96-1141 Sixth St				NA			NA		09/18/2013
						To	96-1142 Seventh St									
1167 96 Darl Circle	0.01	80	R			From	SR 205 WEST				NA			NA		08/21/2013
						To	SWCL Colonial Beach									
1167 96 Darl Circle	0.01	160	R			From	SCL Colonial Beach				NA			NA		07/11/2001
						To	SR 205 EAST									
1168 96 Bell Ave	0.04	120	R			From	96-1124 Lafayette St				NA			NA		08/21/2013
						To	96-1121; 96-1148									
1169 96 Spotswood Lane	0.14	30	R			From	96-1165 Esmond Lane				NA			NA		08/21/2013
						To	96-1119 Lossing Ave									