

2011
Virginia Department of Transportation
Daily Traffic Volume Estimates
Including Vehicle Classification Estimates

where available

Special Locality Report

217

Town of Exmore

Information in this report is included in Report

65

(Northampton 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

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
 2011
 Annual Average Daily Traffic Volume Estimates By Section of Route
 Town of Exmore

Route	Jurisdiction	Length	AADT	QA	4Tire	Bus	-----Truck-----				QC	K Factor	QK	Dir Factor	AAWDT	QW
							2Axle	3+Axle	1Trail	2Trail						
From: SCL Exmore																
13 Lankford Hwy	Town of Exmore (Maint: 65)	0.15	17000	N	92%	1%	1%	1%	6%	0%	N	0.079	N	0.558	16000	N
To: SR 183 Exmore																
From: SR 183 Exmore																
13 Lankford Hwy	Town of Exmore (Maint: 65)	0.52	18000	G	92%	1%	1%	1%	6%	0%	F	0.080	F	0.531	17000	G
To: SR 178 Belle Haven Rd																
From: SR 178 Belle Haven Rd																
13 Lankford Hwy	Town of Exmore (Maint: 65)	0.21	16000	G	92%	1%	1%	1%	6%	0%	F	0.079	F	0.51	15000	G
To: NCL Exmore																
From: SCL Exmore																
Bus 13 Main St	Town of Exmore (Maint: 65)	1.10	2500	N	97%	1%	1%	0%	0%	0%	N	0.100	N	0.508	2500	N
To: SR 178 Belle Haven Rd																
From: SR 178 Belle Haven Rd																
Bus 13 Lincoln Ave	Town of Exmore (Maint: 65)	0.47	2500	N	97%	1%	1%	0%	0%	0%	N	0.100	N	0.508	2500	N
To: NCL Exmore																
From: Bus US 13, Lincoln St																
178 Main St	Town of Exmore (Maint: 65)	0.36	2200	G	97%	1%	1%	0%	1%	0%	C	0.101	F	0.545	2300	G
To: US 13 Lankford Hwy																
From: US 13 Lankford Hwy																
178 Belle Haven Rd	Town of Exmore (Maint: 65)	0.15	NA											NA	NA	
To: SCL Belle Haven																
From: WCL Exmore																
183 Occohannock Neck Rd	Town of Exmore (Maint: 65)	0.51	1500	G	96%	0%	1%	1%	2%	0%	F	0.14	F	0.57	1500	G
To: Bus US 13																

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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							
Town of Exmore																
603 65 Willis Wharf Rd	0.36	2400	G	97%	1%	ECL Exmore				F	0.109	F	0.612	2500	G	2011
						Bus US 13 Main St										
693 65 Wainhouse Rd	0.03	40	R			Dead End					NA			NA		10/13/2010
						SCL Belle Haven										
1001 65 Bank Ave	0.06	80	R			65-1033 Chamock St					NA			NA		10/26/2010
						65-1009 Lee St								NA		10/26/2010
1001 65 Bank Ave	0.05	140	R			65-1010 Jackson St					NA			NA		10/26/2010
						65-1015 Fourth St								NA		10/26/2010
1001 65 Bank Ave	0.05	300	R			65-1016 Third St					NA			NA		10/26/2010
						65-1017 Broad St								NA		10/26/2010
1001 65 Bank Ave	0.06	930	R			Bus US 13					NA			NA		10/26/2010
						65-1002 Front St								NA		10/26/2010
1002 65 Front St	0.03	360	R			65-603 Willis Wharf Rd					NA			NA		10/26/2010
						65-1003 Commercial Ave								NA		10/26/2010
1002 65 Front St	0.06	370	R			65-1003 Commercial St					NA			NA		10/26/2010
						65-1001 Bank Ave								NA		10/26/2010
1002 65 Front St	0.22	640	R			Bus US 13					NA			NA		10/26/2010
						Bus US 13								NA		10/26/2010
1003 65 Commercial St	0.06	1000	R			SR 183 Occohannock Neck Rd					NA			NA		10/26/2010
						65-1024 Grayson St								NA		10/26/2010
1004 65 Monroe Ave	0.06	190	R			65-1030 Washington					NA			NA		10/26/2010
						65-1031 Jefferson St								NA		10/26/2010
1004 65 Monroe Ave	0.10	130	R			65-1028 Madison Ave					NA			NA		10/26/2010
						65-603 Willis Wharf Rd								NA		10/26/2010
1005 65 Elm St	0.09	230	R			65-1007 Browne Ave					NA			NA		10/26/2010
						65-603 Willis Wharf Rd								NA		10/26/2010
1006 65 Myrtle St	0.09	360	R			65-1007 Browne Ave					NA			NA		10/26/2010
						65-1034 York Circle								NA		10/26/2010
1007 65 Browne Ave	0.08	90	R			65-1011 Virginia					NA			NA		10/26/2010
						65-1005 Elm St								NA		10/26/2010
1007 65 Browne Ave	0.07	30	R			65-1006 Myrtle St					NA			NA		10/26/2010

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Town of Exmore

Route	Length	AADT	QA	4Tire	Bus	-----Truck-----				QC	K Factor	QK	Dir Factor	AAWDT	QW	Year
						2Axle	3+Axle	1Trail	2Trail							
Town of Exmore																
1008 65 Poplar Ave	0.15	130	R			From: 65-1010 Jackson St					NA		NA			10/26/2010
						To: 65-1017 Broad St										
1009 65 Lee St	0.07	47	R			From: 65-1014 Roosevelt Ave					NA		NA			10/26/2010
						To: 65-1001 Bank Ave										
1009 65 Lee St	0.09	100	R			From: SR 183 Occohannock Neck Rd					NA		NA			10/26/2010
						To: 65-1030 Washington										
1009 65 Lee St	0.06	160	R			From: 65-1030 Washington					NA		NA			10/26/2010
						To: 65-1031 Jefferson St										
1009 65 Lee St	0.10	160	R			From: 65-1031 Jefferson St					NA		NA			10/26/2010
						To: Dead End										
1010 65 Jackson St	0.05	10	R			From: 65-1045 Holly Circle					NA		NA			10/26/2010
						To: 65-1026 Park Ave										
1010 65 Jackson St	0.07	80	R			From: 65-1026 Park Ave					NA		NA			10/26/2010
						To: 65-1008 Poplar Ave										
1010 65 Jackson St	0.07	110	R			From: 65-1008 Poplar Ave					NA		NA			10/26/2010
						To: 65-1014 Roosevelt Ave										
1010 65 Jackson St	0.07	180	R			From: 65-1014 Roosevelt Ave					NA		NA			10/26/2010
						To: 65-1001 Westfield Ave										
1011 65 Virginia Ave	0.09	740	R			From: 65-603 Willis Wharf Rd					NA		NA			10/26/2010
						To: 65-1007 Browne Ave										
1011 65 Virginia Ave	0.39	620	R			From: 65-1007 Browne Ave					NA		NA			10/26/2010
						To: Dead End										
1012 65 Stockton Lane	0.09	140	R			From: SR 183 Occohannock Neck Rd					NA		NA			11/09/2010
						To: Dead End										
1014 65 Roosevelt Ave	0.05	100	R			From: 65-1009 Lee St					NA		NA			10/27/2010
						To: 65-1010 Jackson St										
1014 65 Roosevelt Ave	0.06	160	R			From: 65-1010 Jackson St					NA		NA			10/27/2010
						To: 65-1015 Fourth St										
1014 65 Roosevelt Ave	0.05	240	R			From: 65-1015 Fourth St					NA		NA			10/27/2010
						To: 65-1016 Third St										
1014 65 Roosevelt Ave	0.04	90	R			From: 65-1016 Third St					NA		NA			10/27/2010
						To: 65-1017 Broad St										
1015 65 Fourth St	0.08	80	R			From: 65-1014 Roosevelt Ave					NA		NA			10/26/2010
						To: 65-1001 Bank Ave										
1016 65 Third St	0.08	50	R			From: 65-1014 Roosevelt Ave					NA		NA			10/27/2010
						To: 65-1001 Bank Ave										
1017 65 Broad St	0.15	540	R			From: 65-1043 Benjamin St					NA		NA			10/26/2010
						To: 65-1027 Bright Ave										
1017 65 Broad St	0.25	500	R			From: 65-1027 Bright Ave					NA		NA			10/26/2010
						To: 65-1001 Westfield Ave										
1018 65 Ann Ave	0.11	110	R			From: Bus US 13					NA		NA			11/02/2010
						To: 65-1023 Houston										

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						2Axle	3+Axle	1Trail	2Trail							
Town of Exmore																
1019 65 Temple Dr	0.04	170	R			From: Bus US 13 Main St					NA			NA		11/02/2010
						To: ECL Exmore										
1021 65 Westmore Rd	0.05	590	N			From: 65-1050 Westmore Court					NA			NA		09/23/2010
						To: 65-1040 Manor St										
1021 65 Westmore Rd	0.15	610	R			From: SCL Exmore					NA			NA		11/08/2010
						To: SR 183 Occohannock Neck Rd										
1022 65 Blunt St	0.06	60	R			From: Dead End					NA			NA		11/02/2010
						To: SR 183 Occohannock Neck Rd										
1023 65 Houston Ave	0.05	70	R			From: 65-1024 Grayson Ave					NA			NA		10/26/2010
						To: 65-1018 Anne Ave										
1023 65 Houston Ave	0.09	70	R			From: 65-1025 Carolyn Ave					NA			NA		10/26/2010
						To: 65-1032 Pacific Ave										
1023 65 Houston Ave	0.02	130	R			From: 65-1004 Monroe Ave					NA			NA		10/26/2010
						To: NCL Exmore										
1024 65 Grayson Ave	0.08	90	R			From: 65-1023 Houston Ave					NA			NA		10/26/2010
						To: Bus US 13										
1024 65 Grayson Ave	0.11	70	R			From: 65-1023 Houston Ave					NA			NA		10/26/2010
						To: Dead End										
1025 65 Carolyn Ave	0.06	30	R			From: Dead End					NA			NA		10/26/2010
						To: 65-1039 Holman Ave										
1025 65 Carolyn Ave	0.03	60	R			From: 65-1023 Houston					NA			NA		10/26/2010
						To: Bus US 13										
1025 65 Carolyn Ave	0.10	90	R			From: 65-1023 Houston					NA			NA		10/26/2010
						To: Dead End										
1026 65 Park Ave	0.11	120	R			From: 65-1010 Jackson St					NA			NA		10/26/2010
						To: 65-1044 Holly Circle										
1026 65 Park Ave	0.04	240	R			From: 65-1017 Broad St					NA			NA		10/26/2010
						To: 65-1017 Broad St										
1027 65 Bright Ave	0.09	250	R			From: 65-1004 Monroe					NA			NA		10/26/2010
						To: Bus US 13										
1028 65 Madison Ave	0.08	110	R			From: 65-1004 Monroe					NA			NA		10/26/2010
						To: SR 178 Belle Haven Rd										
1029 65 Vine Court	0.04	90	R			From: Dead End					NA			NA		10/26/2010
						To: Bus US 13										
1030 65 Washington St	0.09	70	R			From: 65-1009 Lee St					NA			NA		10/26/2010
						To: 65-1004 Monroe Ave										

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						2Axle	3+Axle	1Trail	2Trail							
Town of Exmore																
1030 65 Washington St	0.08	100	R			From: 65-1004 Monroe Ave					NA			NA		10/26/2010
						To: SR 178 Belle Haven Rd										
1031 65 Jefferson St	0.07	150	R			From: 65-1009 Lee St					NA			NA		10/26/2010
1031 65 Jefferson St	0.08	210	R			From: 65-1004 Monroe					NA			NA		10/26/2010
						To: SR 178 Belle Haven Rd										
1032 65 Houston Ave	0.09	100	R			From: 65-1023 Houston					NA			NA		10/26/2010
1032 65 Houston Ave	0.03	40	R			From: Bus US 13					NA			NA		10/26/2010
						To: 65-1039 Holman Ave										
1033 65 Charnock St	0.07	30	R			From: WCL Exmore					NA			NA		11/02/2010
1033 65 Charnock St	0.09	100	R			From: 65-1001 Westfield Ave					NA			NA		11/02/2010
						To: 65-1001 Bank Ave										
						To: SR 183 Occohannock Neck Rd										
1034 65 York Circle	0.06	47	R			From: 65-1035 York Circle					NA			NA		11/02/2010
						To: 65-1006 Myrtle St										
1035 65 York Circle	0.06	50	R			From: 65-1034 York Circle					NA			NA		11/02/2010
						To: 65-1036 York Circle										
1036 65 York Circle	0.08	60	R			From: Dead End					NA			NA		11/02/2010
						To: 65-1035 York Circle										
1037 65 Crown St	0.24	160	R			From: SR 178 Belle Haven Rd					NA			NA		11/02/2010
						To: US 13 Lankford Hwy										
1038 65 Atlantic Ave	0.05	10	R			From: Dead End					NA			NA		11/02/2010
1038 65 Atlantic Ave	0.03	30	R			From: 65-1039 Holman Ave					NA			NA		11/02/2010
						To: Bus US 13										
1039 65 Holman Ave	0.13	100	R			From: SR 178 Belle Haven Rd					NA			NA		11/02/2010
1039 65 Holman Ave	0.16	40	R			From: 65-1025 Carolyn Ave					NA			NA		11/02/2010
						To: Dead End										
1040 65 Manor St	0.11	230	R			From: 65-1041 Westmore Place					NA			NA		09/23/2010
						To: Dead End										
1041 65 Westmore Place	0.22	220	R			From: 65-1052 Westmore Lane					NA			NA		11/08/2010
1041 65 Westmore Place	0.04	48	R			From: SCL Exmore					NA			NA		10/13/2010
						To: Dead End										
1042 65 Hadlock Rd	0.21	610	R			From: SCL Exmore					NA			NA		09/18/2001
						To: Bus US 13										
1043 65 Benjamin St	0.14	1300	R			From: WCL Exmore					NA			NA		09/18/2001
						To: 65-1017 Broad St										

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						2Axle	3+Axle	1Trail	2Trail							
Town of Exmore																
1043 65 Benjamin St	0.08	970	R			From: 65-1017 Broad St					NA			NA		11/02/2010
						To: Bus US 13										
1044 65 Holly Circle	0.05	260	R			From: 65-1045 Holly Circle					NA			NA		10/26/2010
						To: 65-1026 Park Ave										
1045 65 Holly Circle	0.10	80	R			From: 65-1010 Jackson St					NA			NA		11/09/2010
						To: 65-1044 Holly Circle										
1046 65 Commonwealth Ave	0.20	40	R			From: 65-1011 Virginia Ave					NA			NA		11/09/2010
						To: 65-1011 Virginia Ave										
1048 65	0.03	110	R			From: Dead End					NA			NA		07/31/2007
						To: 65-1011 Virginia Ave										
1049 65 Gum Tree Lane	0.05	110	R			From: 65-1011 Virginia Ave					NA			NA		07/31/2007
						To: Dead End										
1050 65 Westmore Court	0.25	180	R			From: US 13 Lankford Hwy					NA			NA		07/31/2007
						To: Dead End										
1051 65 Westmore Dr	0.05	160	R			From: 65-1050 Westmore Court					NA			NA		07/31/2007
						To: 65-1040 Manor St										
1052 65 Westmore Lane	0.02	60	R			From: Dead End					NA			NA		07/31/2007
						To: 65-1041 Westmore Place										
1052 65 Westmore Lane	0.08	250	R			From: 65-1041 Westmore Place					NA			NA		11/09/2010
						To: Dead End										