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

where available

Special Locality Report
198

Town of Coeburn

Information in this report is included in Report

97

(Wise 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
2011
Annual Average Daily Traffic Volume Estimates By Section of Route
Town of Coeburn

Route	Jurisdiction		Length	AADT	QA	4Tire	Bus	Truck 2Axle	Truck 3+Axle	Truck 1Trail	Truck 2Trail	QC	K Factor	QK	Dir Factor	AAWDT	QW
ALT 58 Norton Coeburn Rd	Town of Coeburn (Maint: 97)	From: WCL Coeburn	0.94	**12000**	**N**	94%	0%	1%	2%	3%	0%	N	0.085	N	0.588	13000	N
		To: SR 158 W, Front St															
ALT 58 Senator M M Long Hwy	Town of Coeburn (Maint: 97)	From: SR 158 W, Front St	0.90	**9000**	**G**	94%	0%	1%	2%	3%	0%	F	0.081	F	0.615	9800	G
		To: SR 72 Dungannon Rd															
ALT 58 Senator M M Long Hwy	Town of Coeburn (Maint: 97)	From: SR 72 Dungannon Rd	2.71	**7900**	**G**	94%	0%	1%	2%	3%	0%	F	0.087	F	0.552	8600	G
		To: NCL Coeburn; 97-893 Bull Run Rd															
72	Town of Coeburn (Maint: 97)	From: SCL Coeburn	0.35	**2400**	**N**	97%	0%	1%	1%	0%	0%	N	0.094	N	0.588	2500	N
		To: Alt US 58															
72 Dungannon Rd	Town of Coeburn (Maint: 97)	From: Alt US 58	0.19	**2300**	**G**	57%	0%	1%	2%	40%	0%	F	0.086	F	0.744	2400	G
		To: SR 158															
72 158 Front St	Town of Coeburn (Maint: 97)	From: SR 158	0.65	**5900**	**G**	99%	1%	0%	0%	0%	0%	F	0.090	F	0.603	6100	G
		To: SR 158 SR 158 BUS P															
72 Laurel Ave	Town of Coeburn (Maint: 97)	From: SR 158 SR 158 BUS P	1.36	**3400**	**G**	57%	0%	1%	2%	40%	0%	F	0.099	F	0.588	3500	G
		To: NCL Coeburn															
158 72 Front St	Town of Coeburn (Maint: 97)	From: SR 72 W Int	0.65	**5900**	**G**	99%	1%	0%	0%	0%	0%	F	0.090	F	0.603	6100	G
		To: SR 72 E Int															
158 Front St	Town of Coeburn (Maint: 97)	From: SR 72 E Int	1.04	**1100**	**G**	99%	1%	0%	0%	0%	0%	C	0.092	F	0.574	1200	G
		To: ECL Coebum															
158P Front St	Town of Coeburn (Maint: 97)	From: ALT US 58	0.33	**4000**	**G**	95%	0%	1%	2%	2%	0%	C	0.088	F	0.706	4300	G
		To: SR 72 Laurel Ave															

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Town of Coeburn																
158 813 2nd St	0.12	**4400**	**G**	95%	0%	1%	2%	2%	0%	F	0.094	F	0.831	4600	G	2011
From: CL Coeburn																
To: RT 690																
158 813 2nd St	0.19	**3600**	**G**	95%	0%	1%	2%	2%	0%	F	0.095	F	0.776	3900	G	2011
From: RT 690																
To: SR 72 W INT																
646 Coeburn Mtn Rd	0.72	**2100**	**G**								0.097	F	0.57	2200	G	2011
From: WCL Coeburn																
To: SR 72 Laurel Ave																
658 River View Rd	0.19	**2400**	**G**	99%	0%	0%	0%	0%	0%	C	0.101	F	0.512	2500	G	2011
From: WCL Coeburn																
To: 97-1129 May Ave																
658 River View Rd	0.55	**1200**	**G**	99%	0%	0%	0%	0%	0%	F	0.096	F	0.506	1200	G	2011
From: 97-1129 May Ave																
To: SR 72																
658	0.12	**2000**	**R**								NA			NA		07/29/2003
From: SR 72																
To: SCL Coeburn																
690	0.03	**680**	**R**								NA			NA		05/14/2007
From: 97-813 Old Norton Coeburn Rd																
To: Alt US 58																
690 Prospect Ave	0.49	**470**	**R**								NA			NA		05/14/2007
From: Alt US 58																
To: 97-646 Coeburn Mtn Rd																
696 5th St	0.20	**170**	**R**								NA			NA		05/14/2007
From: 97-690 W, Prospect Ave																
To: 97-690 E, Prospect Ave																
718	0.34	**160**	**R**								NA			NA		07/29/2003
From: 97-658 River View Rd																
To: Dead End																
719 Hamilton St	0.20	**160**	**R**								NA			NA		04/30/2007
From: Dead End																
To: SR 72																
754 5th St	0.09	**140**	**R**								NA			NA		05/14/2007
From: 97-690 Prospect Ave																
To: 97-696 5th St																
756 Railroad St	0.10	**180**	**R**								NA			NA		05/14/2007
From: 97-1129 May Ave																
To: Dead End																
813 2nd St	0.12	**4400**	**G**	95%	0%	1%	2%	2%	0%	F	0.094	F	0.831	4600	G	2011
From: WCL Coeburn																
To: 97-690 Prospect Ave																
813 2nd St	0.19	**3600**	**G**	95%	0%	1%	2%	2%	0%	F	0.095	F	0.776	3900	G	2011
From: 97-690 Prospect Ave																
To: US 58 ALT; SR 72																
877	0.03	**300**	**R**								NA			NA		04/30/2007
From: SR 72																
To: 97-658; 97-878																
877	0.04	**NA**									NA			NA		
From: 97-658; 97-878																
To: Dead End																
878	0.04	**2900**	**R**								NA			NA		04/30/2007
From: 97-658; 97-877 Gap																
To: Dead End																
881 Poplar Rd	0.08	**110**	**R**								NA			NA		05/14/2007
From: Private Dr																
To: 97-756 Railroad St																
884	0.43	**2300**	**R**								NA			NA		05/14/2007
From: SR 72																
To: SR 158 Front St																

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Town of Coeburn																
1101 97	0.45	**2100**	**R**								NA			NA		05/10/2007
From: SR 72																
To: 97-1105 W, 2nd St																
1101 97 Diagonal St	0.04	**1800**	**R**								NA			NA		05/10/2007
From: 97-1103; 97-1105																
1101 97 Centre St	0.05	**990**	**R**								NA			NA		05/10/2007
To: Alt US 58																
From: Alt US 58																
1102 97 Tate St	0.15	**880**	**R**								NA			NA		05/14/2007
To: SR 72																
From: 97-1101 S, Centre St; Diagonal St																
1103 97 Centre Ave	0.10	**840**	**R**								NA			NA		05/10/2007
To: 97-1104 North St																
1103 97 Centre Ave	0.10	**1100**	**R**								NA			NA		05/10/2007
To: 97-1106 Grand Ave																
1103 97 Centre Ave	0.51	**1400**	**R**								NA			NA		05/10/2007
To: 97-1101 NORTH																
From: 97-1101																
1104 97 North St	0.19	**48**	**R**								NA			NA		05/10/2007
To: 97-1109 High St																
1104 97 North St	0.09	**100**	**R**								NA			NA		05/10/2007
To: 97-1106 Grand Ave																
1104 97	0.12	**150**	**R**								NA			NA		05/10/2007
To: Dead End																
From: Alt US 58																
1105 97 2nd St	0.07	**3000**	**R**								NA			NA		05/10/2007
To: 97-1101 W, Diagonal St																
From: 97-1101 E, Centre St; Diagonal St																
1105 97 2nd St	0.15	**2300**	**R**								NA			NA		05/14/2007
To: 97-1106 Grand Ave																
1105 97 2nd St	0.30	**920**	**R**								NA			NA		05/14/2007
To: Dead End																
From: 97-1103 Centre Ave																
1106 97 Grand Ave	0.38	**290**	**R**								NA			NA		05/10/2007
To: 97-1107 Meadow St																
1106 97 Grand Ave	0.10	**2200**	**R**								NA			NA		05/14/2007
To: Alt US 58																
From: 97-1106 Grand Ave																
1107 97 Meadow St	0.35	**420**	**R**								NA			NA		05/10/2007
To: NCL Coeburn																
From: Alt US 58																
1108 97 East Ave	0.07	**1000**	**R**								NA			NA		05/14/2007
To: 97-1105, 2nd St																
From: Alt US 58																
1109 97 High St	0.07	**1300**	**R**								NA			NA		05/14/2007
To: 97-1105, 2nd St																
1109 97 High St	0.07	**70**	**R**								NA			NA		05/10/2007
To: 97-1104 North St																
1109 97 High St	0.09	**10**	**R**								NA			NA		05/10/2007
To: Dead End																
From: Alt US 58																
1110 97 Brook Ave	0.07	**170**	**R**								NA			NA		05/14/2007
To: 97-1105, 2nd St																

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Town of Coeburn																
1111 97 Jefferson St	0.11	**170**	From: SR 72													
			R								NA			NA		05/14/2007
			To: Dead End													
1116 97 3rd St	0.13	**260**	From: 97-690 Prospect Ave													
			R								NA			NA		05/14/2007
			To: 97-1128 4th St; Columbus Ave													
1116 97 3rd St	0.10	**2100**	From:													
			R								NA			NA		05/14/2007
			To: SR 72													
1128 97 Columbus Ave	0.10	**610**	From: 97-813 Old Norton Coeburn Rd													
			R								NA			NA		05/14/2007
			To: 97-1116, 3rd St													
1128 97 4th St	0.15	**210**	From:													
			R								NA			NA		05/14/2007
			To: SR 72													
1129 97	0.23	**480**	From: SCL Coeburn													
			R								NA			NA		10/23/2000
			To: 97-658 River View Rd													
1129 97 May Ave	0.32	**2900**	From:													
			R								NA			NA		05/14/2007
			To: 97-813 Old Norton Coeburn Rd													
1131 97 Litchfield St	0.07	**1100**	From: Dead End													
			R								NA			NA		05/10/2007
			To: SR 72													
1132 97 6th St	0.27	**100**	From: Dead End													
			R								NA			NA		05/14/2007
			To: 97-690 Prospect Ave													
1133 97 Western Hills Ave	0.07	**160**	From: Alt US 58													
			R								NA			NA		05/14/2007
			To: Dead End													
1135 97 Little League Rd	0.11	**410**	From: SR 72													
			R								NA			NA		05/10/2007
			To: NCL Coeburn													
1136 97 7th St	0.10	**60**	From: Dead End													
			R								NA			NA		05/14/2007
			To: 97-690 Prospect Ave													
1137 97 Dickerson St	0.07	**150**	From: Dead End													
			R								NA			NA		05/17/2007
			To: 0.07 MN Dead End													
1137 97 Dickerson St	0.07	**48**	From:													
			R								NA			NA		05/14/2007
			To: Alt US 58													
9556 97	0.13	**940**	From: 97-1103 Centre Ave													
			R								NA			NA		05/10/2007
			To: Coeburn Middle Sch													
9636 97	0.25	**1900**	From: 97-1101													
			R								NA			NA		05/10/2007
			To: Coeburn High School													
9637 97	0.50	**470**	From: Coeburn Elementary Sch													
			R								NA			NA		05/10/2007
			To: 97-1103 Centre Ave													