

Traffic Volume Maps

Introduction

The Highway Information Services Division's Traffic Monitoring System (TMS) Team administers the Maryland State Highway Administration's (SHA) Traffic Monitoring Program. The program is responsible for the collection, processing, analysis, summarization and dissemination of Maryland highway traffic data and is supported by a comprehensive, user friendly, management information system.

Traffic monitoring data is a strategic resource for SHA and Maryland's Department of Transportation. The data is essential in the planning, design and operation of the statewide road system and the development and implementation of state highway improvement and safety programs. TMS is a product of the ISTEA Act of 1991, which required a traffic data program to effectively and efficiently meet SHA's long-term traffic data monitoring and reporting requirements. The quality control feature of the system allow data edit checks and validation for data from the 81 permanent, continuous automatic traffic recorders (ATR's) and short-term traffic counts.

The Maryland Traffic Volume Maps depict the Annual Average Daily Traffic (AADT) at various locations on Maryland's roadways by county. Traffic Volume data is collected from over 3000 program count stations and 81 ATR's, located throughout Maryland. Program count data is collected (both directions) at regular locations on either a three (3) year or six (6) year cycle depending on type of roadway. Growth Factors are applied to counts which were not taken during the current year and the counts are factored based on the past yearly growth of an associated ATR. Counters are placed for 48 hours on a Monday or Tuesday and are picked up that Thursday or Friday, respectively. The ATR and toll count data is collected on a continuous basis. Toll station data is provided by the Maryland Transportation Authority.

To identify the years which the count was actually taken, starting in 2006 a special numeric code is added to the AADT numbers. The last digit represents the number of years prior to the actual count. Where "0" represents the current year when data was collected (in 2011), "1" represents the count taken in 2010, "2" represents the count taken in 2009, "3" represents the count taken in 2008 and so forth.

All route, traffic and travel data being made available by SHA in these maps are developed to support internal uses, primarily transportation planning. Any and all data are provided "as is" with the understanding that no warranty of any kind, implied, expressed or statutory, is given with respects to the contents of these maps. Any and all conclusions or products derived from the data are the sole responsibility of the user.

The information presented in these maps is considered public information and may be copied or distributed, but must be free of charge.

AUTOMATIC TRAFFIC RECORDER and TOLL LOCATION DESCRIPTION

LOCATION	COUNTY	LOCATION DESCRIPTION	PAGE	LOCATION	COUNTY	LOCATION DESCRIPTION	PAGE
ATR#01	Allegany	MD 36 at George's Creek Bridge	1	ATR#46	Howard	IS 70 West of MD 32	13
ATR#02	Washington	US 40 East of MD 63	21	ATR#47	Baltimore	IS 95 South of IS 695 (North) (Removed from ATR Program)	3B
ATR#03	Frederick	MD 17 North of US 40AL	10	ATR#48	Montgomery	US 29 North of Randolph Rd	15A
ATR#04	Montgomery	IS 270 South of MD 121	15	ATR#49	Prince George's	IS 95 at Temple Hill Rd	16A
ATR#05	Charles	US 301 South of MD 227	8	ATR#50	Baltimore	IS 695 East of Greenspring Ave (Removed from ATR Program)	3A
ATR#06	Prince George's	MD 4 North of Patuxent River Bridge	16	ATR#51	Baltimore	IS 95 North of Howard County Line	3
ATR#07	Carroll	MD 140 North of Patapsco River Bridge	6	ATR#52	Baltimore	IS 83 North of IS 695	3A
ATR#08	Queen Anne's	MD 309 North of MD 404	17	ATR#53	Baltimore	IS 70 West of IS 695	3A
ATR#09	Wicomico	US 13 at Leonards Mill Pond Bridge	22	ATR#54	Baltimore	IS 695 West of Cromwell Bridge Rd	3B
ATR#10	Somerset	MD 413 South of MD 667	19	ATR#55	Prince George's	IS 95 at Good Luck Rd	16B
ATR#11	Harford	US 1BU South of Old Joppa Rd	12A	ATR#56	Prince George's	MD 210 South of Old Fort Rd	16
ATR#12	Harford	US 40 at Bush River Bridge	12A	ATR#57	Baltimore	US 40 East of MD 700	3
ATR#13	Baltimore	MD 45 South of Warren Rd	3	ATR#58	Cecil	MD 213 North of MD 310	7
ATR#14	Howard	US 40 West of Cemetery La	13	ATR#59	Somerset	US 13 North of Peggyneck Rd	19
ATR#15	Kent	MD 213 South of Georgetown Cemetery Rd	14	ATR#60	Montgomery	IS 270 South of Middlebrook Rd	15
ATR#16	Dorchester	US 50 East of Big Mill Pond	9	ATR#61	Prince George's	US 50 West of MD 202	16B
ATR#17	Wicomico	US 50 West of MD 354	22	ATR#62	Worcester	US 50 West of MD 818	23
ATR#18	Anne Arundel	MD 2 North of Marley Station Rd	2A	ATR#63	Worcester	MD 90 West of MD 346	23
ATR#19	Washington	US 340 at Potomac River Bridge	21	ATR#64	Harford	MD 24 North of Tollgate Rd	12A
ATR#20	Anne Arundel	MD 173 South of Stoney Creek Bridge	2A	ATR#65	Calvert	MD 2 North of Dowell Rd	4
ATR#21	Frederick	IS 70 East of MD 17	10	ATR#66	Anne Arundel	IS 195 North of MD 295	2C
ATR#22	Talbot	US 50 South of Longwoods Rd	20	ATR#67	Frederick	IS 70 at Monacacy River Bridge	10A
ATR#23	Charles	MD 5BU West of MD 5 (Removed from ATR Program)	8	ATR#68	Frederick	US 15 North of Basford Rd	10
ATR#24	Anne Arundel	US 50/IS 595 West of MD 424	2	ATR#69	Howard	MD 32 West of IS 95	13A
ATR#25	Anne Arundel	MD 295 (NB) South of MD 100	2A	ATR#70	Allegany	IS 68 West of MD 144	1
ATR#26	Allegany	US 40AL East of MD 55	1	ATR#71	Baltimore	IS 95 North of IS 195	3
ATR#27	Baltimore	IS 83 North of Shawan Rd	3	ATR#72	Baltimore	IS 795 (NB) South of Mt. Wilson Rd	3A
ATR#28	Queen Anne's	US 301 South of MD 304	17	ATR#73	Baltimore	IS 795 (SB) South of Mt. Wilson Rd	3A
ATR#29	Howard	US 29 North of South Entrance Rd	13A	ATR#74	Baltimore	MD 695 at Trappe Rd	3B
ATR#30	Frederick	US 15 North of MD 355	10A	ATR#75	Anne Arundel	IS 695 West of MD 170	2C
ATR#31	Baltimore	IS 83/IS 695 East of Joppa Rd (Removed from ATR Program)	3A	ATR#76	Baltimore	IS 83 at Old Pimlico Rd	3A
ATR#32	Baltimore	IS 695 South of Ingleside Ave	3A	ATR#77	Baltimore	IS 695 at Hollins Ferry Rd	3
ATR#33	Allegany	IS 68 East of Old Cumberland Rd	1	ATR#78	Baltimore	IS 695 South of IS 795	3A
ATR#34	Baltimore	IS 695 East of US 1 (North)	3B	ATR#79	Baltimore	IS 95 South of Joh Ave	3A
ATR#35	Garrett	US 219 at Deep Creek Lake Bridge	11	ATR#80	Charles	MD 5 South of Renner Rd	8
ATR#36	Queen Anne's	MD 404 East of MD 303	17	ATR#81	Anne Arundel	MD 295 (SB) South of MD 100	2A
ATR#37	Worcester	US 13 North of Virginia State Line	23	TOLL LOCATIONS			
ATR#38	Anne Arundel	MD 100 West of Oakwood Rd	2A	LOCATION	COUNTY	LOCATION DESCRIPTION	PAGE
ATR#39	Howard	IS 95 South of MD 103	13A	TOLL#01	Cecil	US 40 EAST OF THOMAS J. HATEM MEMORIAL BRIDGE	7
ATR#40	Montgomery	IS 495 at Persimmon Tree Rd	15B	TOLL#02	Charles	US 301 AT HARRY W. NICE MEMORIAL BRIDGE	8
ATR#41	Montgomery	IS 495 West of MD 650	15B	TOLL#03	Anne Arundel	US 50 AT WILLIAM PRESTON LANE JR. MEMORIAL BRIDGE	2B
ATR#42	Anne Arundel	MD 2 South of Jones Station Rd	2A	TOLL#04	Baltimore City	IS 895 AT BALTIMORE HARBOR TUNNEL	3
ATR#43	Prince George's	IS 95 South of MD 214	16A	TOLL#05	Cecil	IS 95 NORTH OF MILLARD E. TYDINGS MEMORIAL BRIDGE	7
ATR#44	Garrett	IS 68 at MD 546	11	TOLL#06	Baltimore	MD 695 AT FRANCIS SCOTT KEY BRIDGE	3
ATR#45	Washington	IS 70 East of MD 615	21	TOLL#07	Baltimore City	IS 95 AT FORT MCHENRY TUNNEL	3B

