

INDIANA DEPARTMENT OF TRANSPORTATION

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Eric Holcomb, Governor Michael Smith, Commissioner

Latest INDOT Traffic Adjustment Factors

Effective for 2021

The Indiana Department of Transportation (INDOT), through its Traffic Monitoring Section, collects, summarizes and interprets information on the traffic traveling on the state's highway system as well as other public roads. The data is used to assess transportation needs, system performance and to develop highway planning and programming recommendations. Traffic data also plays a very important role in route planning and in the design of highway projects.

To collect this information, the Department operates two traffic monitoring systems:

- 1. A Statewide Traffic Monitoring System consisting of 135 permanent continuous count stations that collect volume, speed and vehicle classification data 24 hours per day, 365 days per year. Some of these sites also utilize weigh-in motion (WIM) technology to collect continuous truck weight data. These sites are located throughout the state to monitor overall traffic trends. Information from these counters is used to determine ANNUAL TRAFFIC GROWTH trends as well as develop AXLE, DAY OF WEEK and SEASONAL adjustment factors used with the state's coverage count program to determine estimates of annual average daily traffic (AADT).
- 2. The statewide coverage count program utilizes portable pneumatic road-tubes traffic counters to collect 48 hour traffic counts on all State Highway System traffic sections and in rural and small urban areas and all highway performance monitoring sections (HPMS). Video data collection is also deployed. The coverage count program operates on a two-year cycle for Interstates, a three-year cycle other State Owned routes and many non-state owned urban and highly traveled rural roads that are Federal Aid Eligible routes. One-third of all sections are collected annually, or approximately 8,000 of the 25,000 count sites. Where possible, portable classifiers are used so that approximately 65% of all coverage counts collected are classification counts. Use of video data collection expands the reach of classification counts in urban areas. Additional counts are taken within this program to support specific projects. In addition INDOT also contracts with some Metropolitan Planning Organizations (MPOs) and Regional Planning Organizations (RPOs) to collect coverage count data within their areas as well as contracting with Consultants. We are expanding the number of MPO and RPO counting partners in the future.

Annual average daily traffic is the total volume for the year divided by 365 days. Only 135 of INDOT's 8,000 Traffic Count Stations are equipped with Continuous Traffic counters. The remaining sections are counted as part of the short term or "Coverage Count" program. The Coverage Count Program consists of more than 25,000 count locations, approximately one-third of which are counted annually. A minimum of 48 hours of count data is collected at each count location and, the 48 hour counts are then averaged to 24 before utilizing factors developed from Continuous Traffic Counters, an estimated AADT is developed. AADT is necessary for presenting a statewide picture of traffic flow, evaluating traffic trends, computing accident rates, planning and designing highways, and other purposes.



FUNCTIONAL CLASSIFICATION UPDATE

In 2010, The Federal Highway Administration (FHWA) revised its Functional Classification scheme. Prior to 2010, an interstate highway would have a different functional classification depending on whether it was in an urban or rural area. The 2010 scheme removed the urban/rural designation from the functional classification in favor to tracking that attribute separately. This reduced the number of classifications from 12 to 7. This change is reflected in numbers listed in the tables along with the classification description. For example, the Urban Interstates and Rural Interstates are both followed by the Functional Class (1)

FACTOR GROUPS

The Federal Highway Administration (FHWA) has seven classifications of roadways and four classifications of urban/rural nature. INDOT groups these 28 potential combinations of classification and urban/rural nature into Factor Groups. For the Seasonal, Weekday, and Growth INDOT uses two groups for all urban roadways and three groups for all rural roadways. For the Axle Adjustment, INDOT uses three groups for all urban roadways and three groups for all rural roadways.

ADJUSTMENT FACTORS

Adjustment factors are necessary to convert an Average Daily Traffic (ADT) volume into an Annual Average Daily Traffic (AADT) estimate. Depending on the type of counter, the seasonal period of the setting, multiple factors may be necessary. These include axle, weekday and seasonal adjustment factors. For the 2/3's of the system not counted in the current year, the previously derived AADTs can be adjusted to the current year by utilizing the annual growth factors.

AXLE ADJUSTMENT FACTORS

There are times when portable classifiers cannot be set due to number of lanes or the lack of free-flow speeds. In these cases, portable traffic counters utilizing single pneumatic road-tubes stretched across a lane or roadway are used. These types of counters register two axle impacts as one vehicle so when vehicles with three or more axles cross the road-tube they will be counted as multiple vehicles. Whenever possible axle adjustment factors should be developed from vehicle classification counters set on the same route within the vicinity of the axle counter and during the same relative time period. If this is not possible then the use of these factors applied by functional classification and volume groups are deemed acceptable.

DAY OF WEEK ADJUSTMENT FACTORS

The purpose of these factors is to normalize the variability of traffic counts that exists between counts taken on a given weekday, Friday, Saturdays and/or Sundays. In developing the weekday factors we found little difference in the Monday through Thursday trends so an average weekday can be used. INDOTs Traffic Count Database System (TCDS) applies factors for each day of week for each hour within a collection to calculate the AADT. INDOT typically collects data during the period from Monday through Thursday.

SEASONAL (MONTHLY) ADJUSTMENT FACTORS

Seasonal or monthly adjustment factors convert average daily traffic (ADT) to annual average daily traffic (AADT). Observed traffic volumes at a location often vary from month to month with higher summer traffic volumes and lower winter traffic volumes. To compare traffic volume data collected in different months, seasonal adjustment factors must be applied. The ADT is multiplied by the seasonal factor to obtain the AADT value. The continuous counter sites are grouped into five major factor groups (FG). Currently there are two urban factor groups and three rural factor groups which are based on grouped functional classifications.

ANNUAL GROWTH FACTORS

As not all road sections are counted each year, there are times when previous years AADTs will need to be factored in order to estimate current year values. Annual Growth Factors are used in these situations and are developed by comparisons of previous years AADTs at INDOT's 135 continuous counting telemetry sites and averaged for the five factor groups (FG).

Beginning in 2020, publication of the average of the most recent five (5) and ten (10) Annual Growth Factors for each Factor Group was implemented. These rates are sometimes used to make crude forecast estimates of future traffic in the absence of extensive historic data specific to a location. The average of the most recent ten (10) years' rates is used to estimate the Future Year AADT reported to the Federal Highway Administration (FHWA) as part of the annual submission of data to the Highway Performance Monitoring System (HPMS).

FACTOR APPLICATION

The new factors published herein were developed from data collected during the 2021 calendar year and will be applied to all counts processed into the INDOT Traffic Count Database beginning on January 1, 2021, retroactively. These factors will continue to be applied as the current factors until new factors are developed from all of the counts collected during the 2022 calendar year. Counts uploaded to the database have the most current factors applied until the development of new factors at which time; the newly developed factors are applied. Further, when the time comes to publish annual statistics for the Highway Performance Monitoring System (HPMS) submittal, the new factors are retroactively applied to all the short term counts for the respective calendar year. This will cause AADTs viewed for counts collected prior to the development of new factors to change when development is complete and the new factors are applied.

SEASONAL ADJUSTMENT FACTORS BY FUNCTIONAL CLASSIFICATION 2017-2021*

Column C		Urban - Inte	erstate (1)	, Principa	al Arteria	l (Freewa	ys and E	xpresswa	nys) (2)					
2019 1.153 1.091 1.016 0.987 0.973 0.982 0.970 0.939 0.966 0.949 1.003 1.002 0.986 0.946 0.941 0.952 0.945 0.998 0.958 0.985 1.018 0.911 0.911 0.911 0.911 0.911 0.912 0.970 0.932 0.969 0.941 0.979 0.984 0.999 1.003 0.941 0.979 0.984 0.999 1.005 0.941 0.979 0.984 0.999 1.005 0.944 0.962 0.958 0.988 1.005 0.944 0.940 0.942 0.962 0.958 0.998 1.005 0.944 0.940 0.942 0.962 0.958 0.998 1.005 0.944 0.940 0.944 0.942 0.962 0.958 0.998 1.005 0.944 0.944 0.944 0.944 0.944 0.944 0.945 0.944 0.944 0.944 0.945 0.944 0.944 0.945 0.945	G		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2019 1.153 1.091 1.016 0.987 0.973 0.982 0.970 0.939 0.966 0.949 1.003 1.002 0.986 0.946 0.941 0.952 0.945 0.998 0.958 0.985 1.018 0.911 0.911 0.911 0.911 0.911 0.912 0.970 0.932 0.969 0.941 0.979 0.984 0.999 1.003 0.941 0.979 0.984 0.999 1.005 0.941 0.979 0.984 0.999 1.005 0.944 0.962 0.958 0.988 1.005 0.944 0.940 0.942 0.962 0.958 0.998 1.005 0.944 0.940 0.942 0.962 0.958 0.998 1.005 0.944 0.940 0.944 0.942 0.962 0.958 0.998 1.005 0.944 0.944 0.944 0.944 0.944 0.944 0.945 0.944 0.944 0.944 0.945 0.944 0.944 0.945 0.945	≥	2021	1.178	1.199	0.996	0.967	0.971	0.942	0.937	0.951		0.98	1.006	1.019
2018 1.189 1.072 1.002 0.986 0.986 0.941 0.952 0.945 0.989 0.986 0.985 1.0	S.	2020	0.922	0.897	1.052	1.504		0.954	0.914	0.935	0.916	0.920	0.998	1.003
Color		2019	1.153	1.091	1.016	0.987	0.973	0.982	0.970	0.939	0.966	0.949	1.003	1.035
SYR AVG	Ì		1.189	1.072	1.002	0.986		0.941	0.952	0.945	0.989	0.958		1.038
Urban - Other Principal Arterials (3), Minor Arterials (4), Collectors (5 & 6), Locals (7)				1.033	1.000	1.012	0.970	0.932	0.969	0.941	0.979	0.984	0.999	1.071
Second S		5 YR AVG	1.119	1.058	1.013	1.091	1.015	0.950	0.948	0.942	0.962	0.958	0.998	1.033
2019 1.188 1.058 1.032 0.973 0.951 0.954 0.951 0.936 0.966 0.966 1.032 1.0		Urban - Oth		<u> </u>					, ,	`	<u> </u>	_		
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2019 1.188 1.058 1.032 0.973 0.951 0.954 0.951 0.936 0.966 0.966 1.032 1.0	\$													1.020
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2017 1.105 1.000 1.008 0.997 0.969 0.948 1.009 0.943 0.970 0.966 1.013 1.055 1.016 1.055 1.018 1.055 1.018 1.055 1.018 1.019 1.018	<u>0</u> '													1.064
SYR AVG 1.110 1.035 1.030 1.055 0.980 0.947 0.967 0.941 0.962 0.967 1.016 1.028														1.054
Rural - Interstate (1), Principal Arterial (Freeways and Expressways) (2) Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec 2021 1.294 1.320 1.048 1.004 0.960 0.886 0.852 0.918 0.951 0.943 0.972 1.0 2020 0.999 0.968 1.094 1.583 1.168 0.916 0.839 0.866 0.891 0.890 0.988 1.0 2019 1.256 1.142 1.040 1.008 0.948 0.911 0.896 0.899 0.983 0.973 1.019 1.0 2018 1.239 1.137 1.023 1.010 0.943 0.906 0.898 0.916 0.975 0.961 1.000 1.0 2017 1.224 1.125 1.029 0.991 0.956 0.892 0.911 0.928 0.967 0.974 0.997 1.0 5 YR AVG 1.202 1.138 1.047 1.119 0.995 0.902 0.879 0.905 0.953 0.948 0.995 1.0 2014 1.200 1.138 1.047 1.119 0.995 0.902 0.879 0.905 0.953 0.948 0.995 1.0 2021 1.200 1.193 1.025 0.974 0.956 0.913 0.913 0.932 0.939 0.959 0.997 1.0 2020 1.027 0.998 1.126 1.343 1.056 0.900 0.903 0.914 0.899 0.908 1.012 1.0 2019 1.168 1.055 1.043 0.996 0.944 0.963 0.944 0.953 0.973 1.029 1.0 2019 1.168 1.055 1.043 0.996 0.944 0.963 0.944 0.955 0.979 1.025 1.0 1.142 1.070 1.054 1.068 0.974 0.922 0.981 0.944 0.955 0.979 1.025 1.0 1.142 1.070 1.054 1.068 0.974 0.922 0.948 0.944 0.955 0.979 1.025 1.0 1.142 1.070 1.054 1.068 0.974 0.949 0.948 0.953 0.934 0.947 0.966 1.0 2021 1.188 1.199 1.017 0.949 0.931 0.949 0.948 0.953 0.934 0.947 0.966 1.0 2019 1.197 1.085 1.055 0.959 0.928 0.942 0.952 0.941 0.961 0.954 1.034 1.0 2019 1.123 1.134 1.072 0.994 0.932 0.948 0.945 0.944 0.961 0.954 1.034 1.0 2019 1.197 1.086 1.055 0.959 0.928 0.942 0.952 0.941 0.961 0.954 1.034 1.0 2017 1.186 1.064 1.053 0.981 0.936 0.986 0.933 0.934 0.952 0.978 1.034 1.1 1.0 2017														1.054
Second S		5 TR AVG	1.110	1.035	1.030	1.055	0.960	0.947	0.967	0.941	0.962	0.967	1.016	1.045
Rural - Principal Arterials (3), Minor Arterials (4)	d	Rural - Inte				•		· .				_		
Rural - Principal Arterials (3), Minor Arterials (4)	Ö													Dec
Rural - Principal Arterials (3), Minor Arterials (4)	ĮŠ													1.038
Rural - Principal Arterials (3), Minor Arterials (4)	S													1.015
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Syravg 1.224 1.125 1.029 0.991 0.995 0.992 0.879 0.905 0.953 0.948 0.995 1.055 0.974 0.995 1.055 0.902 0.879 0.905 0.953 0.948 0.995 1.055 0.902 0.879 0.905 0.953 0.948 0.995 1.055 0.904 0.905 0.905 0.905 0.953 0.948 0.995 0.905 0.9	l À													1.088
Rural - Principal Arterials (3), Minor Arterials (4) Jun														1.084
Sep		5 TR AVG	1.202	1.138	1.047	1.119	0.995	0.902	0.879	0.905	0.953	0.948	0.995	1.055
2019 1.168 1.055 1.043 0.996 0.946 0.944 0.963 0.940 0.953 0.973 1.029 1.029	d	Rural - Prin	cipal Arte			terials (4))							
2019 1.168 1.055 1.043 0.996 0.946 0.944 0.963 0.940 0.953 0.973 1.029 1.029	Ö													Dec
2019 1.168 1.055 1.043 0.996 0.946 0.944 0.963 0.940 0.953 0.973 1.029 1.029 1.020	Ž													1.059
2019 1.168 1.055 1.043 0.996 0.946 0.944 0.963 0.940 0.953 0.973 1.029 1.029	S													1.059
No. No.														1.066
No. No.	2													1.091
Rural - Major Collectors (5), Minor Collectors (6), Locals (7) Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec		2017												1.071
Sep Oct Nov Dec			1.142	1.070	1.054	1.068	0.974	0.924	0.947	0.930	0.941	0.955	1.015	1.069
2017 1.180 1.064 1.053 0.981 0.936 0.896 0.933 0.934 0.952 0.978 1.034 1.1	4	Rural - Majo								•	0	0.1	N. I	0
2017 1.180 1.064 1.053 0.981 0.936 0.896 0.933 0.934 0.952 0.978 1.034 1.1	Ö	0004												Dec
2017 1.180 1.064 1.053 0.981 0.936 0.896 0.933 0.934 0.952 0.978 1.034 1.1														1.062
2017 1.180 1.064 1.053 0.981 0.936 0.896 0.933 0.934 0.952 0.978 1.034 1.1	S													1.083
2017 1.180 1.064 1.053 0.981 0.936 0.896 0.933 0.934 0.952 0.978 1.034 1.1														1.097
2017 1.180 1.064 1.053 0.981 0.936 0.896 0.933 0.934 0.952 0.978 1.034 1.1	ď													1.083
														1.130
		5 YR AVG	1.172	1.111	1.067	1.013	0.947	0.919	0.934	0.935	0.940	0.948	1.012	1.091

^{*}The seasonal adjustment factors are used to expand average 24-hour volumes to estimated Annual Average Daily Traffic (AADT).

DAY OF WEEK ADJUSTMENT FACTORS BY FUNCTIONAL CLASSIFICATION - 2021

	Urban - Interstate	(1), Princ	ipal Ar	terial (Freewa	ays an	d Expr	esswa	ys) (2)					
		Average	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
CD	Average Weekday	0.964	0.896	0.984	0.962	0.965	0.97	0.979	0.982	0.975	0.997	0.974	0.955	0.927
SWG	Monday	1.007	0.937	1.047	0.994	0.976	1.035	1.012	1.047	1.010	1.066	1.030	0.968	0.962
%	Tuesday	0.969	0.894	1.061	0.956	0.959	0.982	0.985	0.982	0.986	0.992	0.975	0.930	0.929
"	Wednesday	0.941	0.886	0.909	0.935	0.971	0.942	0.978	0.957	0.962	0.977	0.951	0.918	0.906
7	Thursday	0.937	0.866	0.919	0.962	0.952	0.919	0.939	0.941	0.943	0.951	0.939	1.005	0.910
–	Friday	0.867	0.906	0.805	0.863	0.866	0.837	0.873	0.867	0.850	0.848	0.845	0.890	0.950
	Saturday	1.084	1.131	1.049	1.083	1.124	1.039	1.063	1.094	1.060	1.043	1.040	1.092	1.185
	Sunday	1.306	1.472	1.375	1.327	1.300	1.270	1.240	1.296	1.212	1.258	1.291	1.300	1.325
				0) 111					/= 0.0					
	Urban - Other Prin	-	Jan	3), Min Feb	or Arte	erials (Apr	4), Col May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
45	Average Weekday	Average 0.953	0.908	0.972	0.962	0.959	0.956	0.962	0.961	0.953	0.966	0.949	0.952	0.937
MG	Monday	0.998	0.945	1.036	0.993	0.973	1.037	0.993	1.035	0.984	1.061	0.993	0.956	0.968
≶	Tuesday	0.953	0.943	1.035	0.957	0.973	0.947	0.993	0.950	0.954	0.953	0.940	0.930	0.951
S	Wednesday	0.933	0.896	0.913	0.932	0.959	0.947	0.960	0.933	0.934	0.934	0.940	0.915	0.931
U2 U	Thursday	0.929	0.880	0.903	0.932	0.939	0.923	0.934	0.933	0.943	0.934	0.934	1.027	0.917
	Friday	0.932	0.880	0.836	0.886	0.880	0.866	0.894	0.920	0.929	0.869	0.929	0.911	0.912
	Saturday	1.090	1.090	1.045	1.076	1.120	1.044	1.089	1.097	1.083	1.100	1.079	1.098	1.161
	Sunday	1.351	1.482	1.349	1.357	1.350	1.322	1.289	1.380	1.314	1.329	1.350	1.365	1.320
	Ounday	1.001	1.402	1.040	1.007	1.000	1.022	1.200	1.000	1.017	1.020	1.000	1.000	1.020
	Rural - Interstate (1), Princi	pal Art	erial (F	reewa	ys and	Expre	ssway	s) (2)					
		Average	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
⋖	Average Weekday	1.004	0.956	1.022	1.022	1.021	1.021	1.019	1.017	1.012	1.007	1.001	0.985	0.966
SWGA	Monday	1.037	1.000	1.064	1.060	1.056	1.054	1.053	1.049	1.044	1.034	1.033	1.013	0.988
	Tuesday	1.015	0.974	1.044	1.045	1.044	1.043	1.038	1.034	1.023	1.015	0.998	0.972	0.950
၂ ဟု	Wednesday	0.993	0.947	1.010	1.013	1.013	1.012	1.010	1.007	1.000	0.994	0.983	0.964	0.960
~ '	Thursday	0.970	0.901	0.968	0.969	0.971	0.974	0.976	0.977	0.979	0.983	0.990	0.990	0.967
~	Friday	0.883	0.933	0.853	0.856	0.859	0.859	0.864	0.865	0.873	0.873	0.895	0.930	0.939
	Saturday	1.050	1.050	1.029	1.028	1.032	1.029	1.031	1.034	1.040	1.047	1.066	1.087	1.129
	Sunday	1.074	1.220	1.060	1.053	1.051	1.048	1.045	1.050	1.044	1.059	1.059	1.073	1.131
	Rural - Principal A	rtoriale (2) Min	or Arto	riale (/	1\								
	Kurai - Principai A	Average	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
⋖	Average Weekday	0.964	0.896	0.984	0.962	0.965	0.970	0.979	0.982	0.975	0.997	0.974	0.955	0.927
SWG	Monday	1.007	0.937	1.047	0.994	0.976	1.035	1.012	1.047	1.010	1.066	1.030	0.968	0.962
	Tuesday	0.969	0.894	1.061	0.956	0.959	0.982	0.985	0.982	0.986	0.992	0.975	0.930	0.929
၂ ဟု	Wednesday	0.941	0.886	0.909	0.935	0.971	0.942	0.978		0.962	0.977	0.951	0.918	0.906
2,	Thursday	0.937	0.866	0.919	0.962	0.952	0.919	0.939	0.941	0.943	0.951	0.939	1.005	
R2	Friday	0.867	0.906	0.805	0.863	0.866	0.837	0.873	0.867	0.850	0.848	0.845	0.890	
	Saturday	1.084		1.049	1.083	1.124		1.063	1.094	1.060	1.043	1.040	1.092	1.185
	Sunday	1.333		1.390	1.358	1.332	1.247	1.241	1.289	1.257	1.253	1.339	1.366	1.372
	B	(=) B4:	0 "		a\	. (=)								
	Rural - Major Collect	· ''				` '								
<i> </i>		Average	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
SWGA	Average Weekday	0.957	0.9	0.976	0.97	0.957	0.968	0.973	0.971	0.961	0.979	0.948	0.947	0.934
Ž	Monday	0.998		1.004	0.996	0.952	1.018	1.009	1.034	1.008	1.061	1.005	0.977	0.961
S	Tuesday	0.953		1.018	0.960	0.951	0.983	0.960	0.957	0.949	0.969	0.944	0.919	0.932
R3	Wednesday	0.936		0.931	0.935	0.965	0.949	0.976	0.932	0.951	0.962	0.923	0.903	
(3)	I I DILIKO CIOV	0.942	0.896	0.952	0.990	0.960	0.920	0.948	0.961	0.935	0.924	0.920	0.987	0.912
	Thursday				0.000	0.07-		0.000	0.000	0.000	0.050	0.070	0.04-1	0 0 10
<u> </u>	Friday	0.888	0.923	0.840	0.889	0.877	0.869	0.906	0.889	0.868	0.858	0.873	0.917	0.943
E			0.923		0.889 1.046 1.321	0.877 1.119 1.320		0.906 1.014 1.227	0.889 1.082 1.301	0.868 1.068 1.260	0.858 1.064 1.304	0.873 1.078 1.338	0.917 1.115 1.384	0.943 1.157 1.345

^{*}Weekday factors are used to normalize the variability of traffic counts that exists between counts taken on the Weekdays, Friday, Saturday and/or Sunday.

Source: Indiana Department of Transportation Division of Technical Planning and Programming

AXLE ADJUSTMENT FACTORSBY FUNCTIONAL CLASSIFICATION 2017-2021*

	Urban	- Inters	tate (1)										
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
⋖,	2021	0.852	0.846	0.848	0.866	0.86	0.858	0.876	0.864	0.86	0.897	0.896	0.892
2	2020	0.861	0.860	0.840	0.819	0.847	0.847	0.857	0.848	0.844	0.849	0.846	0.846
	2019	0.863	0.856	0.874	0.861	0.870	0.874	0.873	0.867	0.863	0.855	0.863	0.872
	2018	0.826	0.814	0.845	0.844	0.847	0.851	0.852	0.851	0.851	0.838	0.851	0.852
	2017	0.833	0.828	0.836	0.870	0.826	0.830	0.858	0.844	0.846	0.843	0.843	0.852
	Urban	- Freew	ays an	d Expre	essways	s (2) Pri	ncipal	Arterial	s (3)	•			
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
< <	2021	0.929	0.931	0.926	0.924	0.926	0.924	0.945	0.938	0.934	0.938	0.938	0.937
	2020	0.941	0.946	0.925	0.919	0.936	0.934	0.944	0.940	0.933	0.927	0.929	0.933
	2019	0.952	0.943	0.949	0.949	0.952	0.957	0.954	0.953	0.956	0.960	0.962	0.960
	2018	0.942	0.938	0.941	0.949	0.959	0.952	0.945	0.942	.940	0.935	0.931	.940
	2017	0.967	0.964	0.950	0.959	0.963	0.981	0.971	0.984	0.968	0.968	0.970	0.972
	Urban	- Minor	Arteria	ls (4). C	Collecto	rs (5 &	6). Loc	als (7)					
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
<	2021	0.928	0.931	0.926	0.928	0.94	0.937	0.938	0.937	0.935	0.936	0.935	0.933
ြ က	2020	0.973	0.977	0.961	0.954	0.957	0.962	0.967	0.969	0.954	0.965	0.934	0.978
	2019	0.964	0.963	0.964	0.953	0.935	0.936	0.931	0.933	0.929	0.921	0.910	0.946
	2018	0.936	.950	0.961	0.954	0.964	0.962	.940	0.955	0.937	0.947	0.929	0.958
	2017	0.926	0.925	0.936	0.928	0.925	0.922	0.924	0.926	0.927	0.928	0.932	0.933
				0.000	0.020	0.020	0.522	0.52-	0.020	0.021	0.020	0.002	0.000
<	Rural -		ate (1),	Princip	al Arter	ial (Fre	eways	and Ex	pressw	ays) (2)			
GA		Interst Jan	ate (1),	Princip Mar	al Arter	ial (Fre	eways Jun	and Ex	pressw Aug	ays) (2) Sep	Oct	Nov	Dec
WGA	2021	Interst Jan 0.653	ate (1), Feb 0.638	Princip Mar 0.664	Apr 0.677	rial (Fre May 0.702	eways Jun 0.704	and Exp Jul 0.725	oressw Aug 0.703	ays) (2) Sep 0.705	Oct 0.704	Nov 0.701	Dec 0.691
SWGA	2021 2020	Jan 0.653 0.676	ate (1), Feb 0.638 0.682	Princip Mar 0.664 0.663	Apr 0.677 0.618	may 0.702	eways Jun 0.704 0.708	Jul 0.725 0.712	Aug 0.703 0.701	ays) (2) Sep 0.705 0.700	Oct 0.704 0.704	Nov 0.701 0.697	Dec 0.691 0.665
1_SWGA	2021 2020 2019	Jan 0.653 0.676 0.682	ate (1), Feb 0.638 0.682 0.676	Princip Mar 0.664 0.663 0.714	Apr 0.677 0.618 0.717	May 0.702 0.686 0.733	eways Jun 0.704 0.708 0.741	Jul 0.725 0.712 0.769	Aug 0.703 0.701 0.746	ays) (2) Sep 0.705 0.700 0.721	Oct 0.704 0.704 0.724	Nov 0.701 0.697 0.723	Dec 0.691 0.665 0.751
R1_SWGA	2021 2020 2019 2018	Jan 0.653 0.676 0.682 0.700	ate (1), Feb 0.638 0.682 0.676 0.707	Princip Mar 0.664 0.663 0.714 0.723	Apr 0.677 0.618 0.717 0.722	May 0.702 0.686 0.733 0.732	eways Jun 0.704 0.708 0.741 0.759	Jul 0.725 0.712 0.769 0.756	Aug 0.703 0.701 0.746 0.749	ays) (2) Sep 0.705 0.700 0.721 0.723	Oct 0.704 0.704 0.724 0.697	Nov 0.701 0.697 0.723 0.705	Dec 0.691 0.665 0.751 0.715
	2021 2020 2019	Jan 0.653 0.676 0.682	ate (1), Feb 0.638 0.682 0.676	Princip Mar 0.664 0.663 0.714	Apr 0.677 0.618 0.717	May 0.702 0.686 0.733	eways Jun 0.704 0.708 0.741	Jul 0.725 0.712 0.769	Aug 0.703 0.701 0.746	ays) (2) Sep 0.705 0.700 0.721	Oct 0.704 0.704 0.724	Nov 0.701 0.697 0.723	Dec 0.691 0.665 0.751
F ₂	2021 2020 2019 2018 2017	Jan 0.653 0.676 0.682 0.700 0.742	ate (1), Feb 0.638 0.682 0.676 0.707	Princip Mar 0.664 0.663 0.714 0.723 0.740	Apr 0.677 0.618 0.717 0.722 0.755	may 0.702 0.686 0.733 0.732 0.772	eways Jun 0.704 0.708 0.741 0.759 0.776	Jul 0.725 0.712 0.769 0.756 0.790	Aug 0.703 0.701 0.746 0.749	ays) (2) Sep 0.705 0.700 0.721 0.723	Oct 0.704 0.704 0.724 0.697	Nov 0.701 0.697 0.723 0.705	Dec 0.691 0.665 0.751 0.715
<u> </u>	2021 2020 2019 2018 2017	Jan 0.653 0.676 0.682 0.700 0.742	ate (1), Feb 0.638 0.682 0.676 0.707 0.747	Princip Mar 0.664 0.663 0.714 0.723 0.740	Apr 0.677 0.618 0.717 0.722 0.755	may 0.702 0.686 0.733 0.732 0.772	eways Jun 0.704 0.708 0.741 0.759 0.776	Jul 0.725 0.712 0.769 0.756 0.790	Aug 0.703 0.701 0.746 0.749	ays) (2) Sep 0.705 0.700 0.721 0.723 0.766	Oct 0.704 0.704 0.724 0.697	Nov 0.701 0.697 0.723 0.705	Dec 0.691 0.665 0.751 0.715
<u> </u>	2021 2020 2019 2018 2017	Jan 0.653 0.676 0.682 0.700 0.742	ate (1), Feb 0.638 0.682 0.676 0.707 0.747	Princip Mar 0.664 0.663 0.714 0.723 0.740 al Arter	Apr 0.677 0.618 0.717 0.722 0.755	May 0.702 0.686 0.733 0.732 0.772	eways Jun 0.704 0.708 0.741 0.759 0.776 Arterial	and Ex Jul 0.725 0.712 0.769 0.756 0.790 s (4)	0.703 0.701 0.746 0.749 0.763	ays) (2) Sep 0.705 0.700 0.721 0.723	Oct 0.704 0.704 0.724 0.697 0.758	Nov 0.701 0.697 0.723 0.705 0.762	Dec 0.691 0.665 0.751 0.715 0.771
	2021 2020 2019 2018 2017 Rural -	Jan 0.653 0.676 0.682 0.700 0.742 Other Jan	ate (1), Feb 0.638 0.682 0.676 0.707 0.747 Principa Feb 0.876 0.912	Princip Mar 0.664 0.663 0.714 0.723 0.740 al Arter Mar	Apr 0.677 0.618 0.717 0.722 0.755 ials (3),	May 0.702 0.686 0.733 0.732 0.772 Minor May	eways Jun 0.704 0.708 0.741 0.759 0.776 Arterial Jun	and Ex Jul 0.725 0.712 0.769 0.756 0.790 s (4) Jul 0.912 0.919	0.703 0.701 0.746 0.749 0.763	ays) (2) Sep 0.705 0.700 0.721 0.723 0.766 Sep 0.897 0.900	Oct 0.704 0.704 0.724 0.697 0.758	Nov 0.701 0.697 0.723 0.705 0.762	Dec 0.691 0.665 0.751 0.715 0.771 Dec 0.896 0.902
SWGA R1	2021 2020 2019 2018 2017 Rural -	Jan 0.653 0.676 0.682 0.700 0.742 Other Jan 0.879	ate (1), Feb 0.638 0.682 0.676 0.707 0.747 Principa Feb 0.876	Princip Mar 0.664 0.663 0.714 0.723 0.740 al Arter Mar 0.871	Apr 0.677 0.618 0.717 0.722 0.755 ials (3), Apr 0.874	May 0.702 0.686 0.733 0.732 0.772 Minor May 0.889	eways Jun 0.704 0.708 0.741 0.759 0.776 Arterial Jun 0.895 0.910 0.918	and Ex Jul 0.725 0.712 0.769 0.756 0.790 s (4) Jul 0.912	Aug 0.703 0.701 0.746 0.749 0.763 Aug 0.904	ays) (2) Sep 0.705 0.700 0.721 0.723 0.766 Sep 0.897	Oct 0.704 0.704 0.724 0.697 0.758 Oct 0.913	Nov 0.701 0.697 0.723 0.705 0.762 Nov 0.913	Dec 0.691 0.665 0.751 0.715 0.771 Dec 0.896
<u> </u>	2021 2020 2019 2018 2017 Rural -	Jan 0.653 0.676 0.682 0.700 0.742 Other Jan 0.879 0.903	ate (1), Feb 0.638 0.682 0.676 0.707 0.747 Principa Feb 0.876 0.912	Princip Mar 0.664 0.663 0.714 0.723 0.740 al Arter Mar 0.871 0.886	Apr 0.677 0.618 0.717 0.722 0.755 ials (3), Apr 0.874 0.871	May 0.702 0.686 0.733 0.732 0.772 Minor May 0.889 0.903	eways Jun 0.704 0.708 0.741 0.759 0.776 Arterial Jun 0.895 0.910	and Ex Jul 0.725 0.712 0.769 0.756 0.790 s (4) Jul 0.912 0.919	Aug 0.703 0.701 0.746 0.749 0.763 Aug 0.904 0.911	ays) (2) Sep 0.705 0.700 0.721 0.723 0.766 Sep 0.897 0.900	Oct 0.704 0.704 0.724 0.697 0.758 Oct 0.913 0.896	Nov 0.701 0.697 0.723 0.705 0.762 Nov 0.913 0.895	Dec 0.691 0.665 0.751 0.715 0.771 Dec 0.896 0.902
SWGA R1	2021 2020 2019 2018 2017 Rural -	Interst Jan 0.653 0.676 0.682 0.700 0.742 Other Jan 0.879 0.903 0.899	ate (1), Feb 0.638 0.682 0.676 0.707 0.747 Principa Feb 0.876 0.912 0.907	Princip Mar 0.664 0.663 0.714 0.723 0.740 al Arter Mar 0.871 0.886 0.910	Apr 0.677 0.618 0.717 0.722 0.755 ials (3), Apr 0.874 0.871 0.904	May 0.702 0.686 0.733 0.732 0.772 Minor May 0.889 0.903 0.913	eways Jun 0.704 0.708 0.741 0.759 0.776 Arterial Jun 0.895 0.910 0.918	and Ex Jul 0.725 0.712 0.769 0.756 0.790 s (4) Jul 0.912 0.919 0.926	0.703 0.701 0.746 0.749 0.763 Aug 0.904 0.911 0.924	ays) (2) Sep 0.705 0.700 0.721 0.723 0.766 Sep 0.897 0.900 0.909	Oct 0.704 0.704 0.724 0.697 0.758 Oct 0.913 0.896 0.909	Nov 0.701 0.697 0.723 0.705 0.762 Nov 0.913 0.895 0.918	Dec 0.691 0.751 0.771 0.771 Dec 0.896 0.902 0.921
R2_SWGA R1	2021 2020 2019 2018 2017 Rural - 2021 2020 2019 2018 2017	Jan 0.653 0.676 0.682 0.700 0.742 Other Jan 0.879 0.903 0.899 0.855 0.911	ate (1), Feb 0.638 0.682 0.676 0.707 0.747 Principa Feb 0.876 0.912 0.907 0.859 0.910 Collecte	Princip Mar 0.664 0.663 0.714 0.723 0.740 al Arter Mar 0.871 0.886 0.910 0.869 0.885	Apr 0.677 0.618 0.717 0.722 0.755 ials (3), Apr 0.874 0.871 0.904 0.866 0.902 Minor C	May 0.889 0.903 0.913 0.913 Collecto	eways Jun 0.704 0.708 0.741 0.759 0.776 Arterial Jun 0.895 0.910 0.918 0.869 0.919 ors (6),	and Ex Jul 0.725 0.712 0.769 0.756 0.790 s (4) Jul 0.912 0.919 0.926 0.884 0.917 Locals (Aug 0.703 0.701 0.746 0.749 0.763 Aug 0.904 0.911 0.924 0.866 0.913	ays) (2) Sep 0.705 0.700 0.721 0.723 0.766 Sep 0.897 0.900 0.909 0.863 0.915	Oct 0.704 0.704 0.724 0.697 0.758 Oct 0.913 0.896 0.909 0.856	Nov 0.701 0.697 0.723 0.705 0.762 Nov 0.913 0.895 0.918 0.857	Dec 0.691 0.751 0.7715 0.771 Dec 0.896 0.902 0.921 0.869
R2_SWGA R1	2021 2020 2019 2018 2017 Rural - 2021 2020 2019 2018 2017	Jan 0.879 0.903 0.855 0.911 Jan Ja	ate (1), Feb 0.638 0.682 0.676 0.707 0.747 Principa Feb 0.876 0.912 0.907 0.859 0.910 Collecte Feb	Princip Mar 0.664 0.663 0.714 0.723 0.740 al Arter Mar 0.871 0.886 0.910 0.869 0.885 ors (5), Mar	Apr 0.677 0.618 0.717 0.722 0.755 ials (3), Apr 0.874 0.871 0.904 0.866 0.902 Minor C	May 0.889 0.903 0.913 0.913 Collecto	eways Jun 0.704 0.708 0.741 0.759 0.776 Arterial Jun 0.895 0.910 0.918 0.869 0.919 ors (6), I	and Ex Jul 0.725 0.712 0.769 0.756 0.790 s (4) Jul 0.912 0.919 0.926 0.884 0.917 Locals (Aug 0.703 0.701 0.746 0.749 0.763 Aug 0.904 0.911 0.924 0.866 0.913 (7)	ays) (2) Sep 0.705 0.700 0.721 0.723 0.766 Sep 0.897 0.900 0.909 0.863 0.915	Oct 0.704 0.704 0.724 0.697 0.758 Oct 0.913 0.896 0.909 0.856 0.909	Nov 0.701 0.697 0.723 0.705 0.762 Nov 0.913 0.895 0.918 0.857 0.919	Dec 0.691 0.665 0.751 0.7715 0.771 Dec 0.896 0.902 0.921 0.869 0.906
R2_SWGA R1	2021 2020 2019 2018 2017 Rural - 2021 2020 2019 2018 2017	Jan 0.879 0.855 0.911 Major 0.937	ate (1), Feb 0.638 0.682 0.676 0.707 0.747 Principa Feb 0.876 0.912 0.907 0.859 0.910 Collecte Feb 0.954	Princip Mar 0.664 0.663 0.714 0.723 0.740 al Arter Mar 0.871 0.886 0.910 0.869 0.885 ors (5), Mar 0.948	Apr 0.677 0.618 0.717 0.722 0.755 ials (3), Apr 0.874 0.871 0.904 0.866 0.902 Minor C Apr 0.933	May 0.889 0.903 0.913 0.861 0.913 0.924	eways Jun 0.704 0.708 0.741 0.759 0.776 Arterial Jun 0.895 0.910 0.918 0.869 0.919 prs (6), I Jun 0.944	and Ex Jul 0.725 0.712 0.769 0.756 0.790 s (4) Jul 0.912 0.919 0.926 0.884 0.917 Locals (0.942	Aug 0.703 0.701 0.746 0.749 0.763 Aug 0.904 0.911 0.924 0.866 0.913 (7) Aug 0.926	ays) (2) Sep 0.705 0.700 0.721 0.723 0.766 Sep 0.897 0.900 0.909 0.863 0.915 Sep 0.923	Oct 0.704 0.704 0.724 0.697 0.758 Oct 0.913 0.896 0.909 0.856 0.909	Nov 0.701 0.697 0.723 0.705 0.762 Nov 0.913 0.895 0.918 0.857 0.919	Dec 0.691 0.665 0.751 0.771 0.771 Dec 0.896 0.902 0.921 0.869 0.906 Dec 0.939
R2_SWGA R1	2021 2020 2019 2018 2017 Rural - 2021 2020 2019 2018 2017 Rural -	Interst Jan 0.653 0.676 0.682 0.700 0.742 Other Jan 0.879 0.903 0.895 0.911 Major Jan 0.937 0.950	ate (1), Feb 0.638 0.682 0.676 0.707 0.747 Principa Feb 0.876 0.912 0.907 0.859 0.910 Collecte Feb 0.954 0.957	Princip Mar 0.664 0.663 0.714 0.723 0.740 al Arter Mar 0.871 0.886 0.910 0.869 0.885 ors (5), Mar 0.948 0.955	Apr 0.677 0.618 0.717 0.722 0.755 ials (3), Apr 0.874 0.871 0.904 0.866 0.902 Minor (Apr 0.933 0.955	May 0.889 0.903 0.913 0.861 0.913 0.924 0.935	eways Jun 0.704 0.708 0.741 0.759 0.776 Arterial Jun 0.895 0.910 0.918 0.869 0.919 Drs (6), Jun 0.944 0.925	and Ex Jul 0.725 0.712 0.769 0.756 0.790 s (4) Jul 0.912 0.919 0.926 0.884 0.917 Locals (0.942 0.933	Aug 0.703 0.701 0.746 0.749 0.763 Aug 0.904 0.911 0.924 0.866 0.913 (7) Aug 0.926 0.934	ays) (2) Sep 0.705 0.700 0.721 0.723 0.766 Sep 0.897 0.900 0.909 0.863 0.915 Sep 0.923 0.932	Oct 0.704 0.704 0.724 0.697 0.758 Oct 0.913 0.896 0.909 0.856 0.909	Nov 0.701 0.697 0.723 0.705 0.762 Nov 0.913 0.895 0.918 0.857 0.919	Dec 0.691 0.751 0.7715 0.771 Dec 0.896 0.902 0.921 0.869 0.906 Dec 0.939 0.937
R2_SWGA R1	2021 2020 2019 2018 2017 Rural - 2021 2020 2019 2018 2017 Rural - 2021 2020 2019	Jan 0.879 0.855 0.911 Jan 0.937 0.955 0.955	ate (1), Feb 0.638 0.682 0.676 0.707 0.747 Principa Feb 0.876 0.912 0.907 0.859 0.910 Collecte Feb 0.954 0.957 0.960	Princip Mar 0.664 0.663 0.714 0.723 0.740 al Arter Mar 0.871 0.886 0.910 0.869 0.885 ors (5), Mar 0.948 0.955 0.958	Apr 0.677 0.618 0.717 0.722 0.755 ials (3), Apr 0.874 0.871 0.904 0.866 0.902 Minor C Apr 0.933 0.955 0.958	May 0.889 0.903 0.913 0.861 0.913 0.924 0.935 0.960	eways Jun 0.704 0.708 0.741 0.759 0.776 Arterial Jun 0.895 0.910 0.918 0.869 0.919 ors (6), I Jun 0.944 0.925 0.963	and Ex Jul 0.725 0.712 0.769 0.756 0.790 s (4) Jul 0.912 0.919 0.926 0.884 0.917 Locals (1) 0.942 0.933 0.960	Aug 0.703 0.701 0.746 0.749 0.763 Aug 0.904 0.911 0.924 0.866 0.913 (7) Aug 0.926 0.934 0.962	ays) (2) Sep 0.705 0.700 0.721 0.723 0.766 Sep 0.897 0.900 0.909 0.863 0.915 Sep 0.923 0.932 0.959	Oct 0.704 0.704 0.724 0.697 0.758 Oct 0.913 0.896 0.909 0.856 0.909 Oct 0.921 0.921 0.953	Nov 0.701 0.697 0.723 0.705 0.762 Nov 0.913 0.895 0.918 0.857 0.919 Nov 0.91 0.922 0.964	Dec 0.691 0.751 0.7715 0.771 Dec 0.896 0.902 0.921 0.869 0.906 Dec 0.939 0.937 0.965
SWGA R1	2021 2020 2019 2018 2017 Rural - 2021 2020 2019 2018 2017 Rural -	Interst Jan 0.653 0.676 0.682 0.700 0.742 Other Jan 0.879 0.903 0.895 0.911 Major Jan 0.937 0.950	ate (1), Feb 0.638 0.682 0.676 0.707 0.747 Principa Feb 0.876 0.912 0.907 0.859 0.910 Collecte Feb 0.954 0.957	Princip Mar 0.664 0.663 0.714 0.723 0.740 al Arter Mar 0.871 0.886 0.910 0.869 0.885 ors (5), Mar 0.948 0.955	Apr 0.677 0.618 0.717 0.722 0.755 ials (3), Apr 0.874 0.871 0.904 0.866 0.902 Minor (Apr 0.933 0.955	May 0.889 0.903 0.913 0.861 0.913 0.924 0.935	eways Jun 0.704 0.708 0.741 0.759 0.776 Arterial Jun 0.895 0.910 0.918 0.869 0.919 Drs (6), Jun 0.944 0.925	and Ex Jul 0.725 0.712 0.769 0.756 0.790 s (4) Jul 0.912 0.919 0.926 0.884 0.917 Locals (0.942 0.933	Aug 0.703 0.701 0.746 0.749 0.763 Aug 0.904 0.911 0.924 0.866 0.913 (7) Aug 0.926 0.934	ays) (2) Sep 0.705 0.700 0.721 0.723 0.766 Sep 0.897 0.900 0.909 0.863 0.915 Sep 0.923 0.932	Oct 0.704 0.704 0.724 0.697 0.758 Oct 0.913 0.896 0.909 0.856 0.909	Nov 0.701 0.697 0.723 0.705 0.762 Nov 0.913 0.895 0.918 0.857 0.919	Dec 0.691 0.751 0.7715 0.771 Dec 0.896 0.902 0.921 0.869 0.906 Dec 0.939 0.937

^{*}Axle Adjustment Factors are applied to counts taken with portable counters utilizing a single pneumatic road tube. This type of counter registers two axle impacts as one vehicle. The axle factor is used to account for vehicle types having more than two axles, typically trucks with three or more axles.

Annual Growth Factors By Functional Classification 2011 - 2021*

	Urban - Intersta	ate (1), Princi	ipal Arterial (Freeways ar	nd Expressw	ays) (2)						
							Year From					
	Year To	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
	2011	-	0.991	1.003	0.982	0.939	0.936	0.944	0.931	0.929	1.058	0.933
45	2012	1.009	-	1.012	0.990	0.948	0.945	0.952	0.939	0.937	1.067	0.941
9	2013	0.997	0.988	-	0.978	0.936	0.934	0.942	0.929	0.927	1.056	0.931
S	2014	1.019	1.010	1.022	-	0.957	0.954	0.962	0.948	0.946	1.078	0.951
07	2015	1.065	1.055	1.068	1.045	-	0.997	1.005	0.991	0.989	1.126	0.993
<u>_</u>	2016	1.068	1.058	1.071	1.048	1.003	-	1.008	0.994	0.992	1.130	0.996
_	2017	1.059	1.050	1.062	1.040	0.995	0.992	-	0.986	0.984	1.121	0.988
	2018	1.074	1.065	1.077	1.055	1.009	1.006	1.014	-	0.999	1.138	1.003
	2019	1.076	1.067	1.079	1.057	1.011	1.008	1.016	1.001	-	1.139	1.004
	2020	0.945	0.937	0.947	0.928	0.888	0.885	0.892	0.879	0.878	-	0.882
	2021	1.072	1.063	1.074	1.052	1.007	1.004	1.012	0.997	0.996	1.134	-

	Urban - Other I	Principal Arte	erials (3), Min	or Arterials	(4), Collector	's (5 &6), Loc	als (7)					
							Year From					
	Year To	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
	2011	-	1.001	1.015	1.005	0.962	0.959	0.951	0.947	0.945	1.076	1.012
48	2012	0.999	-	1.014	1.004	0.961	0.958	0.950	0.946	0.944	1.075	1.010
ଥ	2013	0.985	0.986	-	0.990	0.948	0.945	0.936	0.933	0.931	1.060	0.997
SW	2014	0.995	0.996	1.010	-	0.978	0.976	0.967	0.963	0.962	1.095	1.030
ולטן	2015	1.040	1.041	1.055	1.022	-	0.997	0.988	0.984	0.982	1.119	1.052
2	2016	1.043	1.044	1.058	1.025	1.003	-	0.991	0.987	0.985	1.122	1.055
	2017	1.052	1.053	1.068	1.034	1.012	1.009	-	0.996	0.994	1.133	1.064
	2018	1.056	1.057	1.072	1.038	1.016	1.013	1.004	-	0.994	1.133	1.064
	2019	1.058	1.059	1.074	1.040	1.018	1.015	1.006	1.006	-	1.133	1.064
	2020	0.929	0.930	0.943	0.913	0.894	0.891	0.883	0.883	0.883	-	0.940
	2021	0.988	0.990	1.003	0.971	0.951	0.948	0.940	0.940	0.940	1.064	-

	Rural - Intersta	te (1), Princij	oal Arterial (F	reeways an	d Expresswa	ys) (2)						
							Year From					
	Year To	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
	2011	-	0.980	0.981	0.970	0.929	0.917	0.924	0.925	0.923	1.052	0.934
⋖	2012	1.020	-	1.001	0.989	0.947	0.935	0.943	0.943	0.942	1.073	0.953
(O	2013	1.019	0.999	-	0.988	0.945	0.933	0.941	0.942	0.940	1.071	0.951
Š	2014	1.031	1.011	1.012	-	0.961	0.948	0.955	0.956	0.954	1.087	0.965
ω .	2015	1.077	1.056	1.058	1.041	-	0.987	0.995	0.996	0.994	1.133	1.006
۱-۲'	2016	1.091	1.070	1.072	1.055	1.013	-	1.008	1.009	1.007	1.147	1.018
2	2017	1.082	1.061	1.063	1.047	1.005	0.992	-	1.001	0.999	1.138	1.010
	2018	1.081	1.06	1.062	1.046	1.004	0.991	0.999	-	0.984	1.121	0.996
	2019	1.083	1.062	1.064	1.048	1.006	0.993	1.001	1.016	-	1.145	1.017
	2020	0.951	0.932	0.934	0.920	0.883	0.872	0.879	0.892	0.873	-	0.888
	2021	1.071	1.049	1.052	1.036	0.994	0.982	0.990	1.004	0.983	1.126	-

Г							Year From					
	Year To	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
	2011	-	0.993	0.962	0.949	0.908	0.893	0.888	0.884	0.883	1.005	0.904
∢ [2012	1.007	-	0.969	0.956	0.914	0.898	0.894	0.890	0.889	1.012	0.910
r G	2013	1.039	1.032	-	0.986	0.943	0.928	0.923	0.920	0.918	1.046	0.941
NS	2014	1.054	1.046	1.014	-	0.981	0.965	0.961	0.957	0.955	1.088	0.978
ທ _. [2015	1.101	1.094	1.060	1.019	-	0.983	0.978	0.975	0.973	1.107	0.996
م' [2016	1.120	1.113	1.078	1.036	1.017	-	0.995	0.991	0.989	1.126	1.013
장	2017	1.126	1.119	1.083	1.041	1.022	1.005	-	0.996	0.994	1.133	1.018
	2018	1.131	1.123	1.087	1.045	1.026	1.009	1.004	-	0.995	1.134	1.019
	2019	1.133	1.125	1.089	1.047	1.028	1.011	1.006	1.005	-	1.080	0.971
	2020	0.995	0.988	0.956	0.919	0.903	0.888	0.883	0.882	0.926	-	0.899
Г	2021	1.106	1.099	1.063	1.022	1.004	0.987	0.982	0.981	1.030	1.112	-

	Rural - Major C	Collectors (5)	Minor Colle	ctors (6), Lo	cals (7)							
							Year From					
	Year To	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
	2011	-	1.000	0.993	0.983	0.941	0.936	0.941	0.959	0.957	1.089	1.024
∢ [2012	1.000	-	0.993	0.983	0.941	0.936	0.941	0.959	0.957	1.089	1.024
וטו	2013	1.007	1.007	-	0.990	0.948	0.943	0.948	0.966	0.964	1.099	1.033
	2014	1.017	1.017	1.010	-	0.994	0.989	0.994	1.013	1.011	1.152	1.082
S.	2015	1.063	1.063	1.055	1.006	-	0.995	1.000	1.019	1.017	1.159	1.089
ကြ	2016	1.068	1.068	1.060	1.011	1.005	-	1.005	1.025	1.022	1.164	1.094
X	2017	1.063	1.063	1.055	1.006	1.000	0.995	-	1.019	1.017	1.159	1.089
	2018	1.043	1.043	1.035	0.987	0.981	0.976	0.981	-	0.998	1.136	1.068
	2019	1.045	1.045	1.037	0.989	0.983	0.978	0.983	1.002	-	1.094	1.029
	2020	0.918	0.918	0.910	0.868	0.863	0.859	0.863	0.880	0.914	-	0.940
	2021	0.977	0.977	0.968	0.924	0.918	0.914	0.918	0.936	0.972	1.064	-

*Factors in this table are used to adjust previous year AADTs to a more current year for similarly classed roads (e.g. to adjust a 2014 urban interstate AADT to a 2017 equivalent, you would multiply the 2014 AADT by 1.040).

	Ave	erage of Annual	Growth Rates		
Factor Group	U1_SWG	U2_SWG	R1_SWGA	R2_SWGA	R3_SWGA
Average of Last Five (5) Annual Growth Rates	1.004	0.993	1.001	1.010	0.991
Average of Last Ten (10) Annual Growth Rates	1.009	0.999	1.009	1.014	0.998

TRANSITION FROM OLD TO NEW FUNCTIONAL CLASSIFICATION AND FACTOR GROUPS

Old Functional Class Code	2010 Functional Class Code	2010 Funcional Class Description	Rural Code	Factor Group - Seasonal, Weekday, and Growth	Factor Group - Axle
01	1	Interstates	0	R1_SWGA	R1_SWGA
Not Applicable	2	Principal Arterial (Freeways and Expressways)	0	R1_SWGA	R1_SWGA
02	3	Other Principal Arterials	0	R2_SWGA	R2_SWGA
06	4	Minor Arterials	0	R2_SWGA	R2_SWGA
07	5	Major Collectors	0	R3_SWGA	R3_SWGA
08	6	Minor Collectors	0	R3_SWGA	R3_SWGA
09	7	Locals	0	R3_SWGA	R3_SWGA
11	1	Interstates	1	U1 SWG	U1 A
12	2	Principal Arterial (Freeways and Expressways)	1	U1_SWG	U2_A
14	3	Other Principal Arterials	1	U2_SWG	U2_A
16	4	Minor Arterials	1	U2_SWG	U3_A
17	5	Major Collectors	1	U2_SWG	U3_A
Not Applicable	6	Minor Collectors	1	U2_SWG	U3_A
19	7	Locals	1	U2_SWG	U3_A
11	1	Interstates	2	U1_SWG	U1_A
12	2	Principal Arterial (Freeways and Expressways)	2	U1_SWG	U2_A
14	3	Other Principal Arterials	2	U2_SWG	U2_A
16	4	Minor Arterials	2	U2_SWG	U3_A
17	5	Major Collectors	2	U2_SWG	U3_A
Not Applicable	6	Minor Collectors	2	U2_SWG	U3_A
19	7	Locals	2	U2_SWG	U3_A
01	1	Interstates	3	R1_SWGA	R1_SWGA
Not Applicable	2	Principal Arterial (Freeways and Expressways)	3	R1_SWGA	R1_SWGA
02	3	Other Principal Arterials	3	R2_SWGA	R2_SWGA
06	4	Minor Arterials	3	R2_SWGA	R2_SWGA
07	5	Major Collectors	3	R3_SWGA	R3_SWGA
08	6	Minor Collectors	3	R3_SWGA	R3_SWGA
09	7	Locals	3	R3_SWGA	R3_SWGA

Factor Initial
S = Seasonal Adjustment
W = Weekday Adjustment
G = Annual Growth
A = Axle Adjustment

Rural Code
0 = Outside Urban Area Boundary, Outside Corporation Boundary
1 = Inside Urban Area Boundary, Inside Corporation Boundary
2 = Inside Urban Area Boundary, Outside Corporation Boundary
3 = Outside Urban Area Boundary, Inside Corporation Boundary