

## SEASONAL ADJUSTMENT FACTORS FOR TRAFFIC COUNT PROCESSING 2017

Based on Continuous Count Site Data 2014 – 2016

### FULL WEEK

FACTOR GROUP	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
urban - 30	0.879	0.905	0.966	1.016	1.052	1.069	1.047	1.054	1.039	1.033	0.976	0.964
suburban - 40	0.782	0.804	0.868	0.948	1.076	1.132	1.230	1.224	1.097	1.035	0.927	0.876
recreational - 60	0.627	0.669	0.692	0.787	1.059	1.271	1.639	1.598	1.200	0.997	0.762	0.698

Factor Group                      % Precision with  
95% Confidence

urban - 30	0.85%
suburban - 40	1.38%
recreational - 60	5.48%

The FHWA Traffic Monitoring Guide 2016 states (page 3-27):

*The reliability levels recommended are 10 percent precision with 95 percent confidence for each individual seasonal group, excluding recreational groups where no precision requirement is specified.*

For each factor group, the percent precision value is the maximum value out of all months.

New York State Department of  
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Highway Data Services Bureau  
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## WEEKEND

FACTOR GROUP	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
urban - 30	0.760	0.794	0.848	0.895	0.944	0.952	0.918	0.937	0.927	0.908	0.864	0.830
suburban - 40	0.709	0.737	0.808	0.887	1.038	1.125	1.253	1.243	1.080	0.987	0.867	0.790
recreational - 60	0.617	0.674	0.679	0.770	1.119	1.412	1.879	1.813	1.337	1.053	0.740	0.656

Factor Group      % Precision with  
95% Confidence

urban - 30	2.17%
suburban - 40	2.57%
recreational - 60	6.60%

The FHWA Traffic Monitoring Guide 2016 states (page 3-27):

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## SEASONAL ADJUSTMENT FACTORS FOR TRAFFIC COUNT PROCESSING 2017

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### WORK WEEK

FACTOR GROUP	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
urban - 30	0.923	0.944	1.009	1.062	1.093	1.113	1.101	1.100	1.078	1.078	1.018	1.019
suburban - 40	0.808	0.822	0.884	0.958	1.071	1.113	1.201	1.190	1.079	1.035	0.942	0.912
recreational - 60	0.634	0.654	0.696	0.778	1.003	1.170	1.500	1.459	1.086	0.943	0.764	0.718

Factor Group                      % Precision with  
95% Confidence

urban - 30	1.05%
suburban - 40	1.49%
recreational - 60	5.99%

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For each factor group, the percent precision value is the maximum value out of all months.

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