

# MnDOT Acceptable Percent Change Guidelines

*These tolerances went into effect as of the 2019 data collection season*

Past AADT Range	Acceptable % Change (Recount and Segment)
0 – 99	No Recounts
100 – 499	+/- 30%
500 – 1,499	+/- 25%
1,500 – 4,999	+/- 20%
5,000 – 49,999	+/- 15%
50,000+	+/- 10%

## Rounding Conventions for Official AADT

AADT Range – Nearest Value  
 0 to 499 – 5  
 500 to 999 – 10  
 1,000 to 4,999 – 50  
 5,000 to 24,999 – 100  
 25,000 to 49,999 – 500  
 50,000 and greater – 1,000

**Percent Change:** The percent change is calculated as (Adjusted Unrounded Count – Previous AADT)/Previous AADT. The AADT Range is chosen based on the Past AADT.

Example: Adjusted count of 4178 and Past AADT of 5100 results in a -18.1% change, which is outside of the tolerance range assigned to the Past AADT (+/-15%). A recount would be requested to validate the change in traffic volume.

### Recount and Segmentation Determination:

A recount is requested if the adjusted volume exceeds the acceptable percent change margin. Creation of a new traffic segment is considered if the two AADT exceed the acceptable percent change margin.

### Tolerance Determination:

Current tolerances were derived from multiple sources, including: the previous Traffic Volume Program tolerances, the FHWA Volume Group/AADT Ranges, the FHWA Spacing of Short-Duration Counts, the State Aid CSAH Rural and Urban AADT Groups, the State Aid MSAS Urban AADT Groups, and the State Aid AADT Design Guidance