

Performance of National Highway System, Freight and CMAQ Measures

May 20, 2017, a Federal Highway Administration (FHWA) final rule took effect, with the exception of certain portions of the rule. The rule, published in the Federal Register (82 FR 5970) on January 18, 2017, establishes performance measures that State Departments of Transportation (DOTs) and Metropolitan Planning Organizations (MPOs) for performance of the Interstate and non-Interstate National Highway System (NHS) to carry out the National Highway Performance Program (NHPP); freight movement on the Interstate system to carry out the National Highway Freight Program (NHFP); and traffic congestion and on-road mobile source emissions for the purpose of carrying out the Congestion Mitigation and Air Quality Improvement (CMAQ) Program.

Six Performance Measures

- Percent of reliable person-miles traveled on the Interstate.
 - Percent of reliable person-miles traveled on the Non-Interstate NHS.
 - Percentage of Interstate system mileage providing for reliable truck travel time (Truck Travel Time Reliability Index).
 - Total emissions reductions by applicable pollutants under the CMAQ program. *
 - Annual hours of peak hour excessive delay per capita. *
 - Percent of non-single occupancy vehicle travel, includes travel avoided by telecommuting. *
- *only Largest of the MPOs Report*



State and Regional Targets

Each state must establish statewide targets. For California, California Department of Transportation (Caltrans) establishes the statewide targets. For Nevada, Nevada Department of Transportation (NDOT) establishes the statewide targets. MPOs must either support the established state targets or develop regional targets of our own.

TRPA opted to support the following established Caltrans and NDOT safety performance measure targets.

Performance Measure and the Target Based on the 5-Year Rolling Average

Pavement and Bridge Performance Measures	2-Year NHS Targets		4-Year NHS Targets	
	California	Nevada	California	Nevada
Percent of reliable person-miles traveled on the Interstate	65.1% (.5% above 2017 Baseline)	86.9%	65.6% (1% above 2017 Baseline)	87%

Pavement and Bridge Performance Measures (continued)	2-Year NHS Targets		4-Year NHS Targets	
	California	Nevada	California	Nevada
Percent of reliable person-miles traveled on the Non-Interstate	N/A	N/A	74% (+1% above 2017 Baseline)	87%
Percentage of Interstate system mileage providing for reliable truck travel time (Truck Travel Time Reliability Index)	1.68 (baseline -.01)	1.28	1.67 (baseline -.02)	1.26

CMAQ emissions reduction measure, the first performance period begins on October 1, 2017, and ends on September 30, 2021. For all other measures, including the CMAQ traffic congestion measure, the first performance period begins on January 1, 2018, and ends on December 31, 2021. [23 CFR 490.105]

https://www.fhwa.dot.gov/environment/air_quality/cmaq/measures/cmaq_applicability/page03.cfm

Schedule: 5/2018 Set 1st Target, 2020 progress check and set next Target for 2018-2021