

PM3: System Performance



MAP-21 Performance Management

June 2018

OVERVIEW

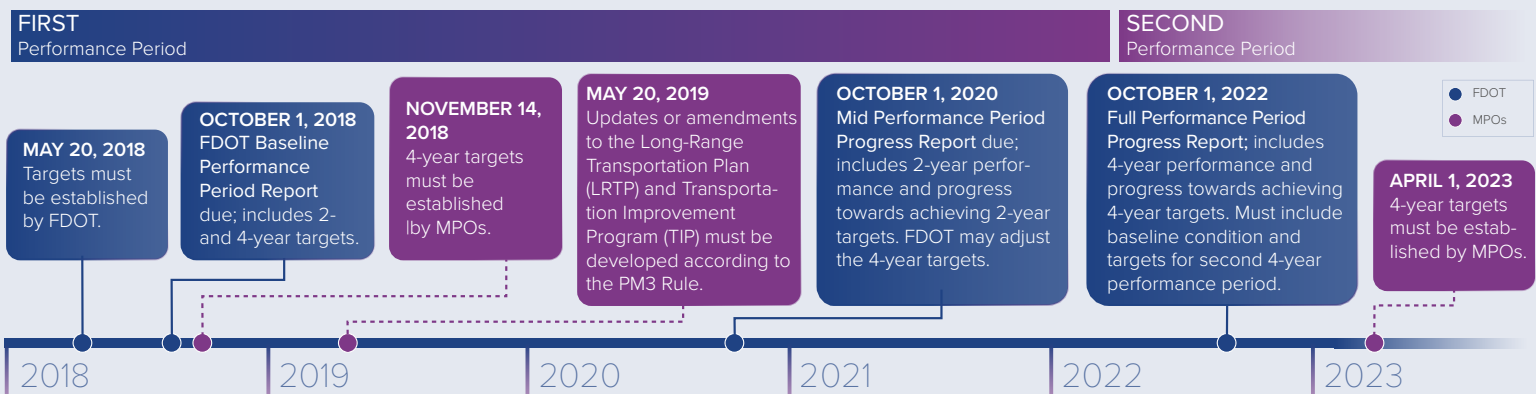
The third of the three performance measures rules issued by Federal Highway Administration (FHWA) became effective on May 20, 2017, establishing measures to assess the performance of the National Highway System (NHS), freight movement on the Interstate System, and Congestion Mitigation and Air Quality Improvement Program (CMAQ). This fact sheet summarizes the requirements of this rule and the targets that the Florida Department of Transportation (FDOT) selected to meet them.*

PERFORMANCE MEASURES

Performance Measure	Typically Referred to As	What It Measures
Percent of Person-Miles Traveled on the Interstate that Are Reliable	Interstate Reliability	Seeks to assess how reliable the NHS network is by creating a ratio (called level of travel time reliability, or LOTTR) that compares the worst travel times on a road against the travel time that is typically experienced. Road miles with a LOTTR less than 1.5 are considered reliable. Traffic volume and an average vehicle occupancy are factored in to determine the person miles that are reliable, and this is converted to a percent of total miles.
Percent of Person-Miles Traveled on the Non- Interstate NHS that Are Reliable	Non-Interstate Reliability	Seeks to assess how reliable the interstate network is for trucks by creating a ratio (called Truck Travel Time Reliability, or TTTR) that compares the very worst travel times for trucks against the travel time they typically experience.
Truck Travel Time Reliability (TTTR) Index	Freight Reliability	

This rule also contains measures addressing the Congestion Mitigation and Air Quality Improvement (CMAQ) Program. These are applicable only for areas that are designated as nonattainment or maintenance, of which Florida currently has none. Therefore, they are currently not applicable to Florida or any of its Metropolitan Planning Organizations (MPOs).

TIMELINE

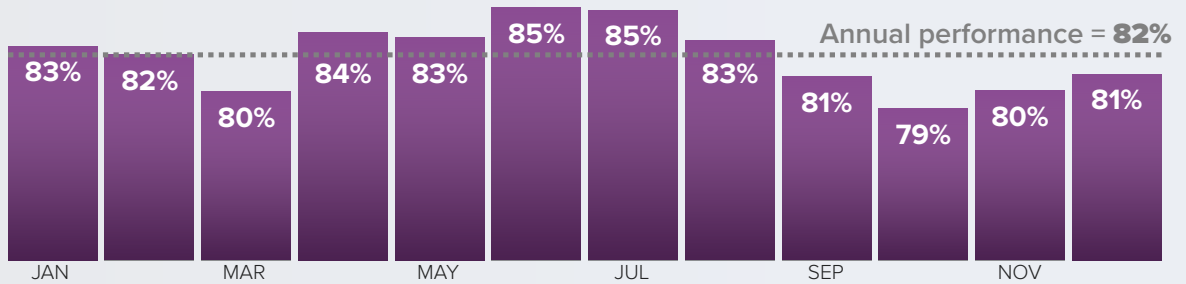


* Please refer to the fact sheet addressing *MPO Requirements* for information about MPO targets and planning processes.

EXISTING STATEWIDE CONDITIONS

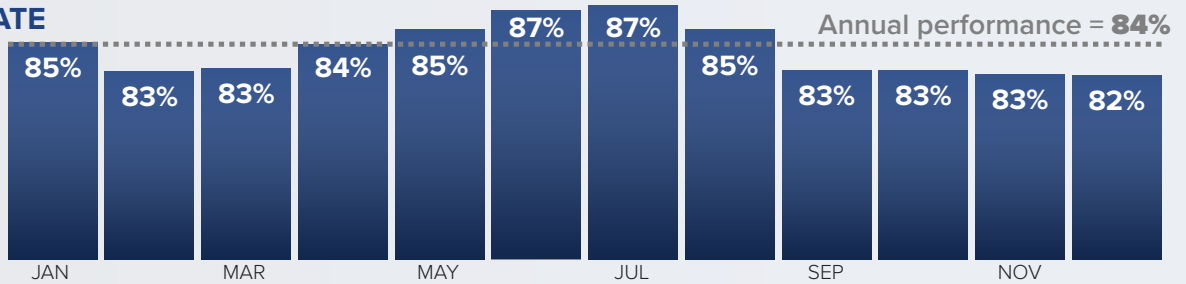
INTERSTATE

Percent of the Person-Miles Traveled on the Interstate that Are Reliable in 2017



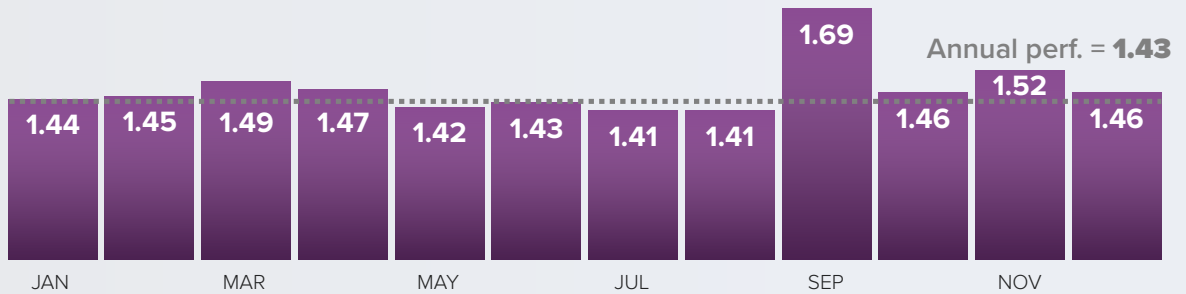
NON-INTERSTATE

Percent of the Person-Miles Traveled on the Non-Interstate NHS that Are Reliable in 2017



TRUCK

Truck Travel Time Reliability Index (Interstate) in 2017



Note: a higher TTTR index means lower reliability.

Source: NPMRDS and FHWA Occupancy Factor.

STATEWIDE TARGETS

FDOT established the following 2- and 4-year targets on May 18, 2018. Two-year targets reflect the anticipated performance level at the mid point of each performance period, while 4-year targets reflect it for the end of the performance period.

Performance Measure	2-Year Target	4-Year Target
Interstate Reliability	75%	70%
Non-Interstate Reliability	Not Required	50%
Freight Reliability	1.75	2.00

MPO TARGETS

If a Metropolitan Planning Organization (MPO) decides to establish its own targets, it has 180 days after FDOT sets its 4-year statewide targets. This means that MPOs would need to report their system performance targets no later than November 14, 2018 for the first performance period. For the second performance period and onwards, MPO targets would be reported every 4 years starting on April 1, 2023.

ASSESSMENT OF SIGNIFICANT PROGRESS

On August 16, 2020 and every two years thereafter, FHWA will determine that FDOT has made significant progress toward the achievement of each 2-year or 4-year applicable statewide target if either:

- » The actual condition/performance level is better than the baseline condition/performance; or
- » The actual condition/performance level is equal to or better than the established target.

If FDOT does not make significant progress for the Interstate and Non-Interstate reliability measures, it must document the actions it will take to achieve the target. For the freight reliability measure, it must provide additional documentation. FHWA will not directly assess MPO progress toward meeting their targets. Rather, it will do so through the periodic transportation planning reviews, including the MPO certification reviews and reviews of adopted/amended L RTPs and TIPs.

FOR MORE INFORMATION PLEASE CONTACT

Mark Reichert, Administrator for Metropolitan Planning

Mark.Reichert@dot.state.fl.us | (850) 414-4901