

Federal Performance Measures Reporting

TAC Meeting
January 12, 2021

Important Dates

Safety Performance Measures

TAC January 12, 2021

TPO Policy Board February 4, 2021

Submittal Letter due to VDOT by February 21, 2021

System Performance Measures

TAC January 12, 2021

TPO Policy Board February 4, 2021

Submittal Letter due to OIPI by March 15, 2021

Safety Performance Measures

In 2017 the safety performance measures workgroup established safety rate reductions which were more ambitious than the rates set by VDOT.

The guiding principle in setting the rates was a vision of achieving zero fatalities by 2040.

The RRTPO has submitted these rates each year since 2017.

Safety submission letter

Target Description	*Statewide Annual Goal Percent Change	MPO Adoption of Statewide Goal (Yes/No)	If No Enter MPO Annual Goal Percent Change
Fatalities	+3.2%	No	-4.50%
Serious Injuries	-1.46%	No	-8.00%
Non-Motorized Fatalities and Serious Injuries	-0.80%	No	-5.00%
Vehicle Miles Traveled (VMT)	+1.07%	No	+1.07%

*A positive value represents an increase and a negative value represents a reduction in five-year averages each year from 2019 to 2021.

Safety submission letter

Target Description	Target Value	5-Year Average Trendline Value	VDOT Target
Fatalities	73	73	92
Fatality Rate	0.760	0.715	0.959
Serious Injuries	730	621	837
Serious Injury Rate	7.598	5.893	8.717
Non-Motorized Fatalities and Serious Injuries	101	123	117

Asset Condition and System Performance Measures

There are nine Asset Condition and System Performance Measures required under MAP 21 and the FAST Act.

The methodology for setting targets for Asset Condition and System Performance Measures is a data intensive process best left to VDOT.

The RRTPO reports these targets biennially. There is no penalty for MPOs missing targets.

Asset Condition and System Performance submission letter

Federal Performance Measure	VDOT	RRTPO		
	Target	2017	2018	2019
Percentage of Pavement in Good Condition (Interstate)	45.0%	53.3%	52.3%	59.4%
Percentage of Pavement in Poor Condition (Interstate)	<3%	1.5%	1.1%	0.6%
Percentage of Pavement in Good Condition (Non-Interstate NHS)	25.0%	25.4%	24.8%	27.6%
Percentage of Pavement in Poor Condition (Non-Interstate NHS)	<5%	3.4%	1.6%	1.1%
Percentage of Deck Area of Bridges in Good Condition (NBI on NHS)	30.5%*	23.9%	20.1%	19.2%
Percentage of Deck Area of Bridges in Poor Condition (NBI on NHS)	3.0%	5.1%	4.6%	4.7%
Percentage of Person-Miles Traveled that are Reliable (Interstate)	82.0%	94.4%	94.8%	94.1%
Percentage of Person-Miles Traveled that are Reliable (Non-Interstate NHS)	82.5%	90.6%	90.9%	92.6%
Truck Travel Time Reliability Index	<1.56	1.42	1.47	1.48

* This 4-year target was adjusted down from 33% at the midterm point.

Requested Action

TAC REQUESTED ACTION: TAC is requested to review and provide a recommendation to the policy board on the following resolution:

WHEREAS, the RRTPO is required under MAP 21 and the FAST Act to submit updated safety performance measure targets annually and asset condition and system performance targets biennially; therefore, be it

RESOLVED, that the RRTPO Policy Board submits the following letters: the annual submission of RRTPO safety target letter to VDOT as required by Federal regulations, the biennial submission of RRTPO asset condition and system performance targets letter to OIPI as required by Federal regulations, and a submission of asset condition and system performance target adjustment letter to OIPI as required by Federal regulations.



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