

MAP-21 Safety Performance Measures and Target Setting

Agenda Item IX

December 5, 2017

MAP-21 Safety Measures



At a Glance:

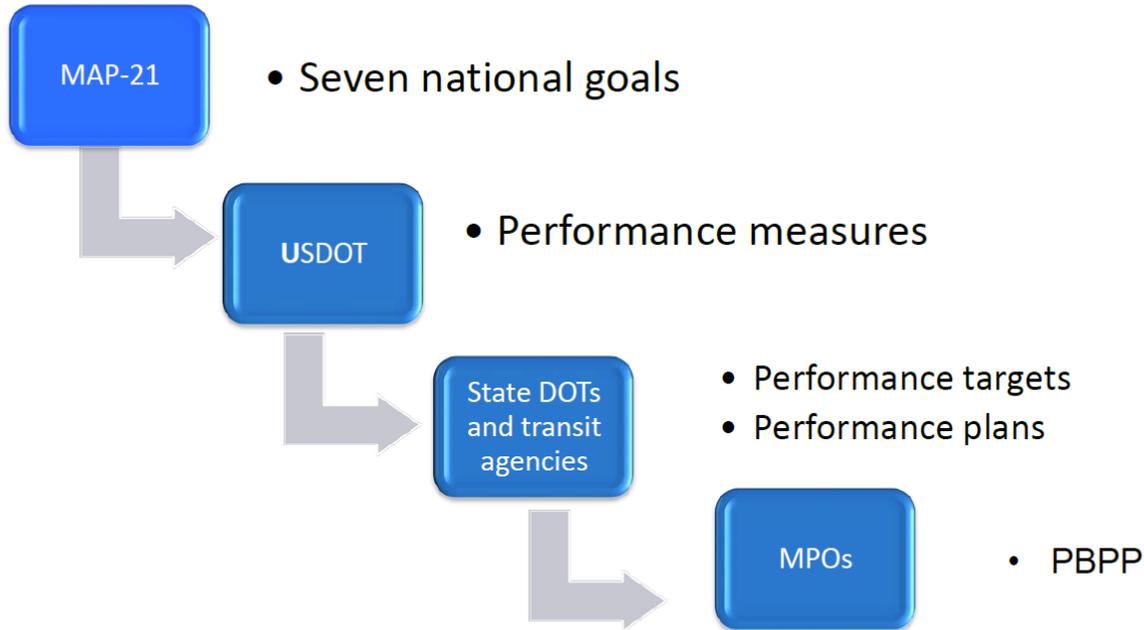
- ◆ *Transportation Performance Management - Status*
- ◆ *Traffic Safety Performance Measures*
- ◆ *Target Setting*
- ◆ *WSDOT Safety Performance Targets*
- ◆ *RTC Safety Performance Targets*

What is Transportation Performance Management?

- ◆ Strategic, regular ongoing process
- ◆ Use system information to make investment and policy decisions
- ◆ Use of performance measures and targets
- ◆ Communications tool

MAP-21 Performance Management Framework

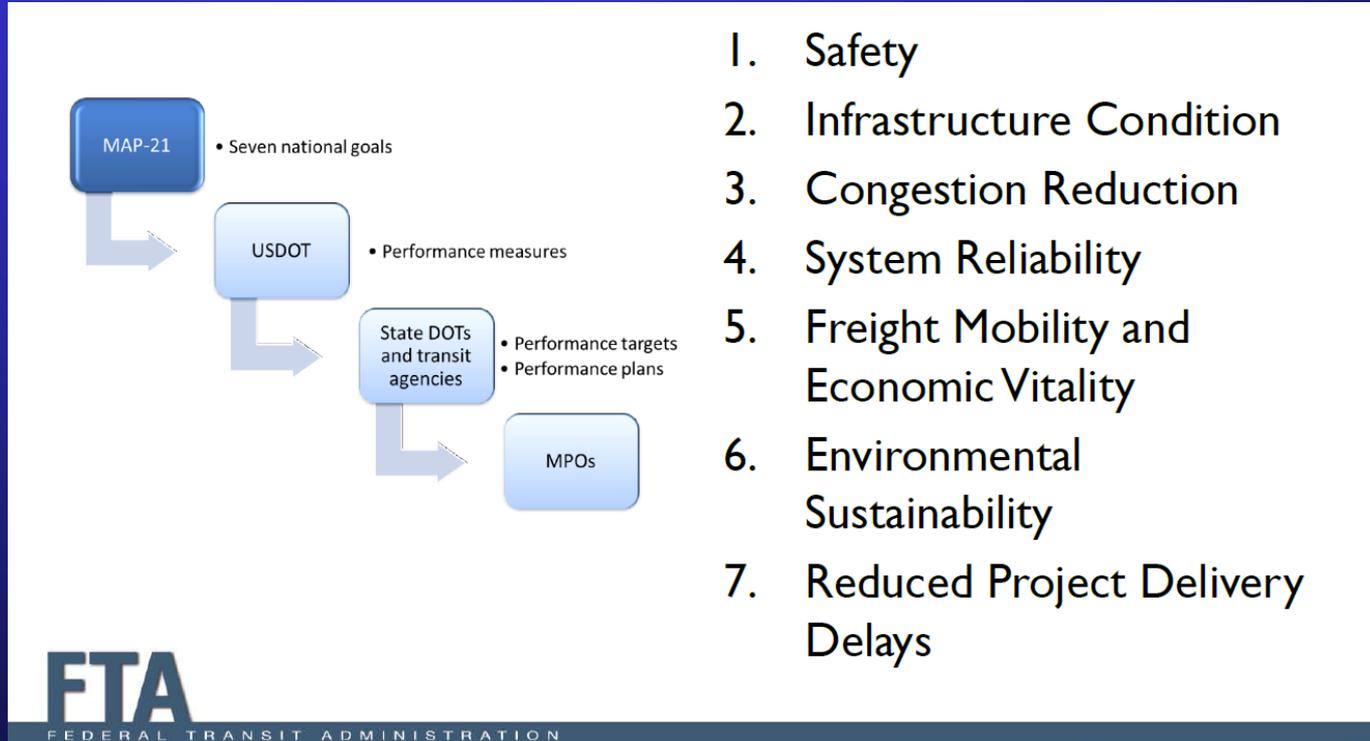
To increase accountability and transparency



FTA

FEDERAL TRANSIT ADMINISTRATION

MAP-21 Performance Management: Seven National Goals



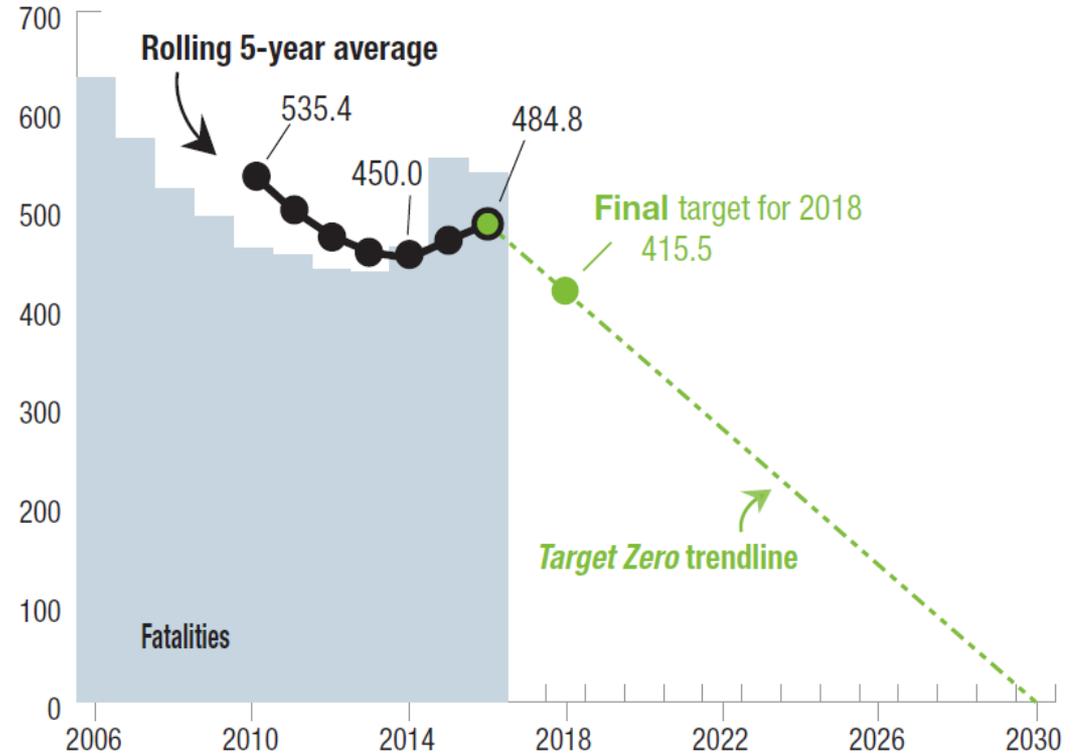
Safety Performance Measures: Rulemaking and Implementation

- ◆ Final rulemaking effective: Apr. 14, 2016
- ◆ State DOTs submit targets by: Aug. 31, 2017
- ◆ MPOs submit targets by: Feb. 27, 2018
- ◆ RTP and TIP inclusion: May 27, 2018

Washington State: Number of Fatalities 2006-2030

Measure No. 1 - Fatalities

2006 through 2030; Fatalities in Washington state

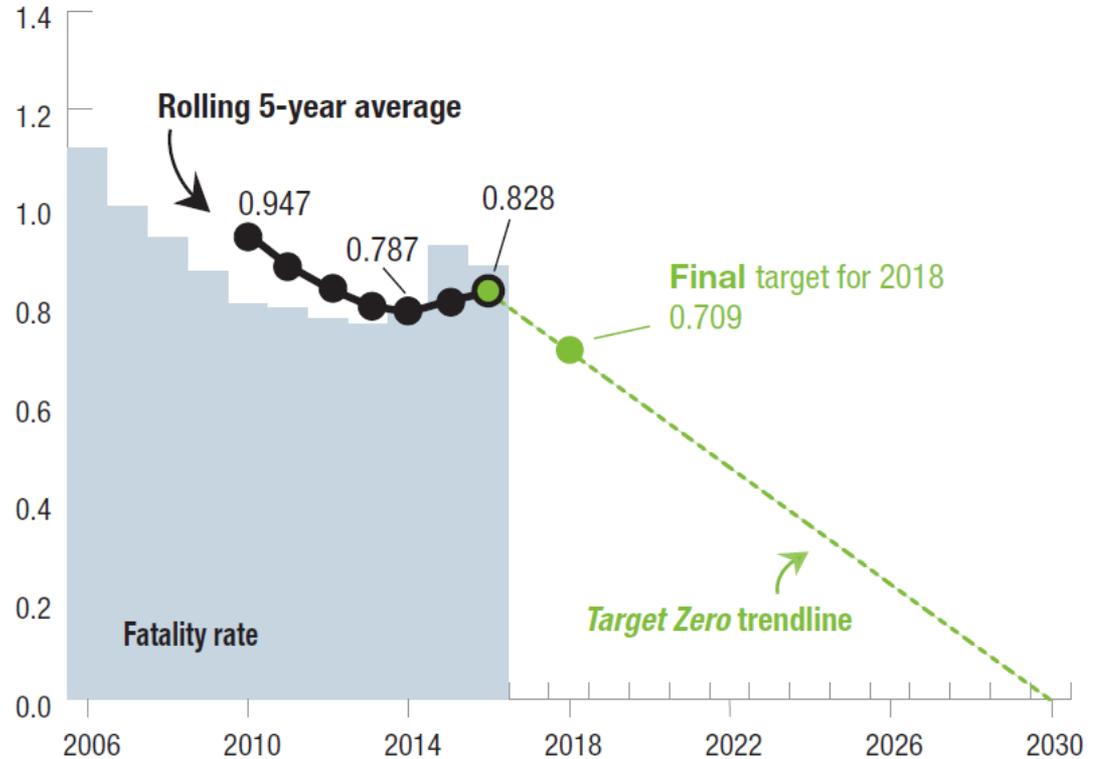


Data source: Washington State Traffic Safety Commission - Fatality Analysis Reporting System.

Washington State: Fatality Rate 2006-2030

Measure No. 2 - Fatality rate

2006 through 2030; Fatalities per 100 million VMT in Washington state

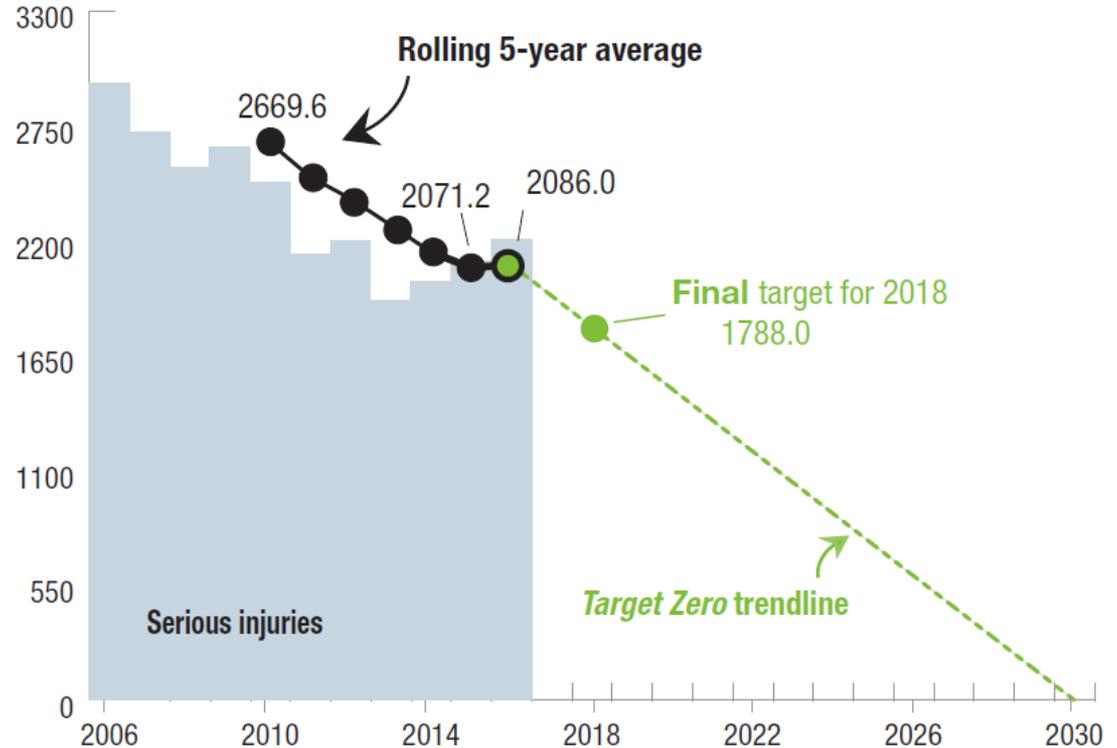


Data sources: Washington State Traffic Safety Commission - Fatality Analysis Reporting System;
Washington State Department of Transportation - Highway Performance Monitoring System.

Washington State: Serious Injuries 2006-2030

Measure No. 3 - Serious injuries

2006 through 2030; Serious injuries in Washington State

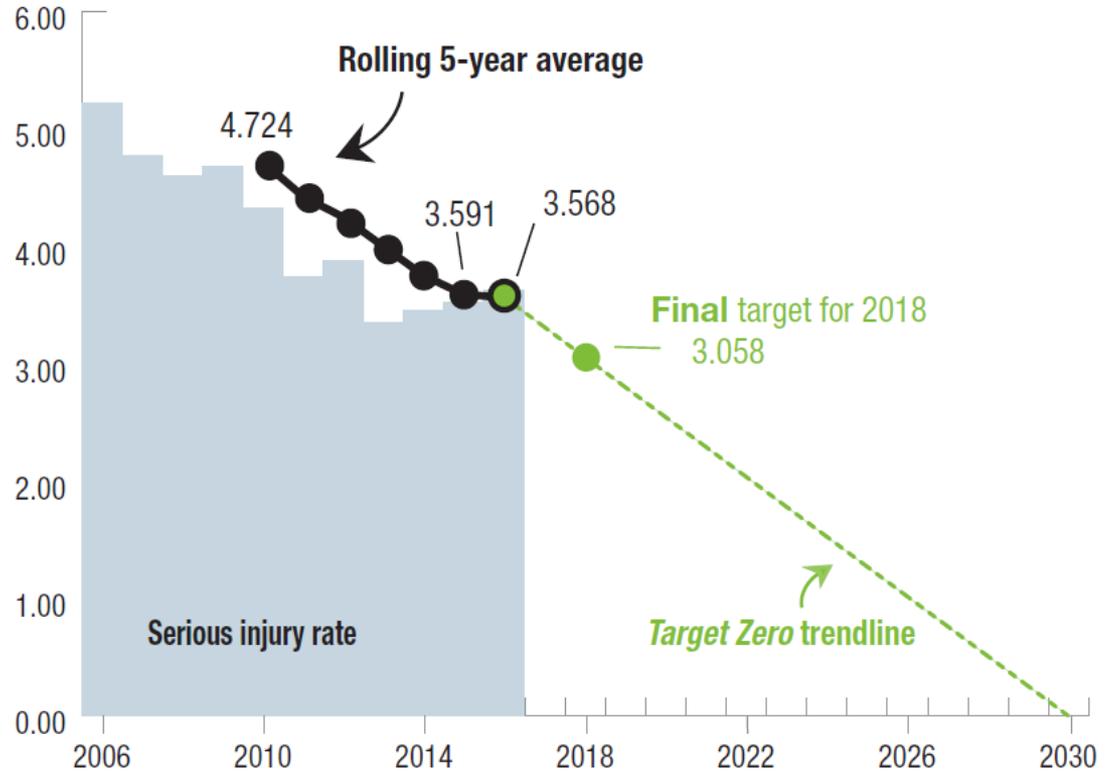


Data source: Washington State Department of Transportation - Crash Database.

Washington State: Serious Injury Rate 2006-2030

Measure No. 4 - Serious injury rate

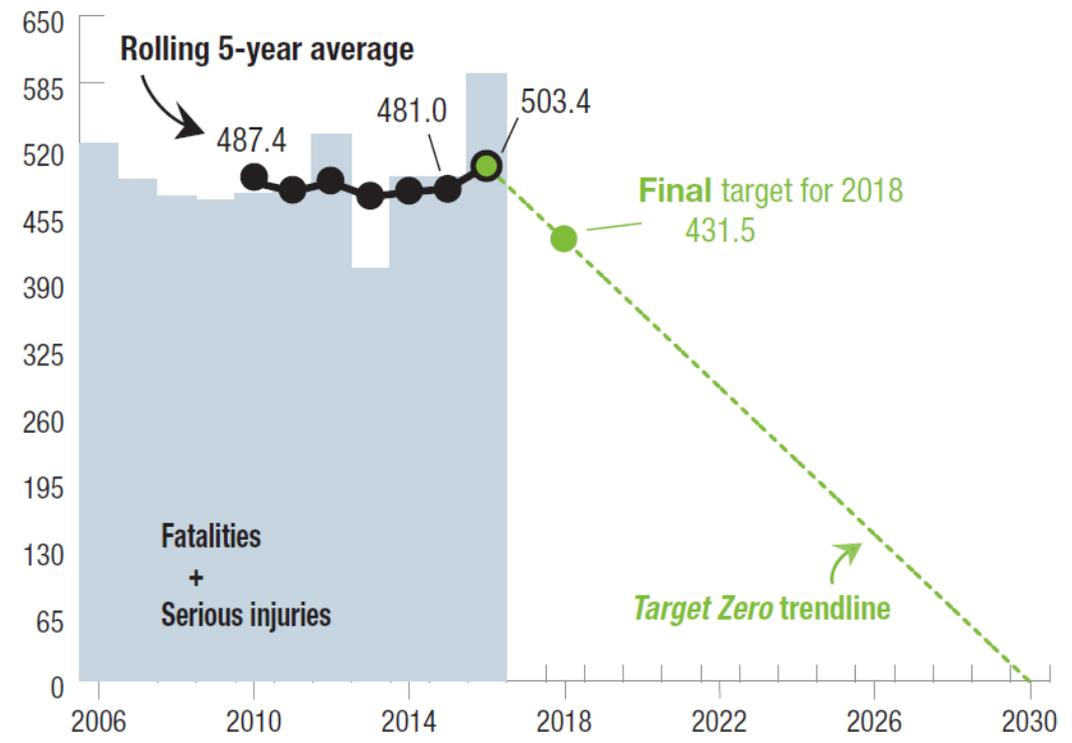
2006 through 2030; Serious injuries per 100 million VMT in Washington state



Data sources: Washington State Department of Transportation - Crash Database, Highway Performance Monitoring System.

Washington State: Non-motorist Fatalities and Serious Injuries 2006-2030

Measure No. 5 - Non-motorist fatalities and serious injuries
2006-2030; Fatalities and serious injuries in Washington state



Data sources: Washington State Traffic Safety Commission - Fatality Analysis Reporting System;
Washington State Department of Transportation - Crash Database, Highway Performance Monitoring System.



RTC's 2018 Safety Performance Targets

Agency	Year	Fatalities	Fatality Rate	Serious Injuries	Serious Injury Rate	Non-Motorist Fatalities and Serious Injuries
RTC	2018	20.1	.688	105.9	3.62	23.1

RTC's 2018 Safety Performance Targets

Agency	Year	Fatalities	Fatality Rate	Serious Injuries	Serious Injury Rate	Non-Motorist Fatalities and Serious Injuries
State	2018	415.5	.709	1788	3.058	431.5
RTC	2018	20.1	.688	105.9	3.62	23.1
PSRC	2018	172.6	.563	898.6	2.935	264.5
SRTC	2018	26.1	.710	114	3.102	32.6

Next Steps: Safety Performance Targets



- ◆ Dec. 15 meeting: RTAC to recommend RTC Board adoption of safety performance targets
- ◆ Jan. 2 meeting: RTC Board to adopt safety performance targets
- ◆ Feb. 27: Federal deadline for MPO safety targets
- ◆ WSDOT to report annually to FHWA
- ◆ RTC to report annually to WSDOT