

## Agenda Item VII.

MAP-21 Safety Performance Measures  
and Target Setting: Resolution 01-18-02,  
Action

# MAP-21 Safety Measures and Target Setting

## *At a Glance:*

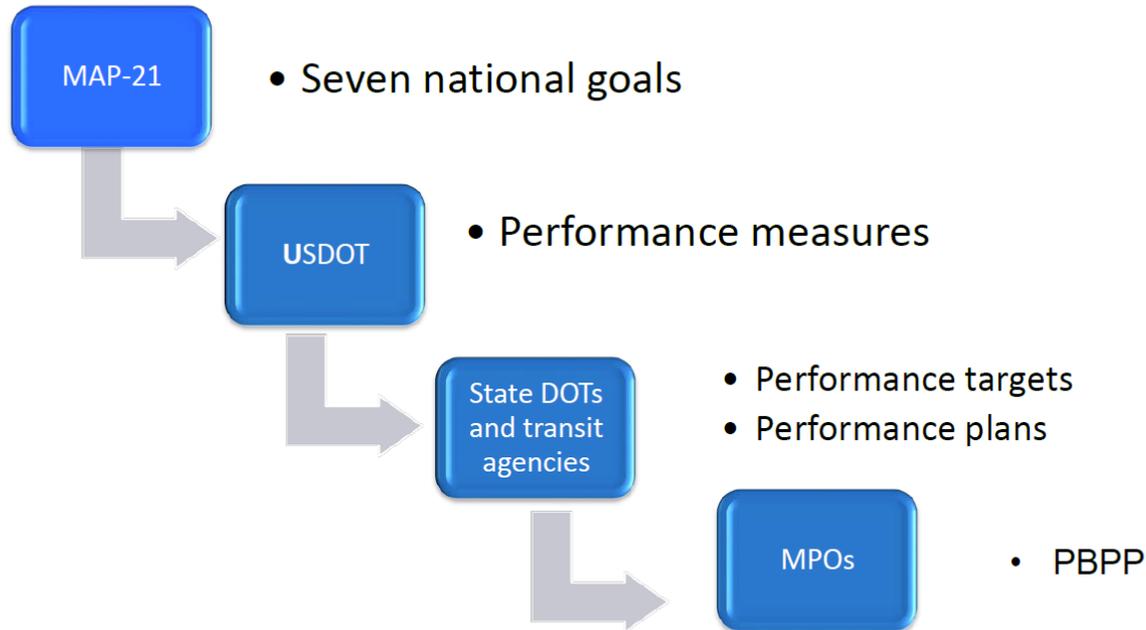
- ◆ *Request for Board adoption of MAP-21 Safety Performance Measures and Targets for the RTC Metropolitan Planning Area*
- ◆ *A part of the federal Performance Based Planning and Programming requirements*

# 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

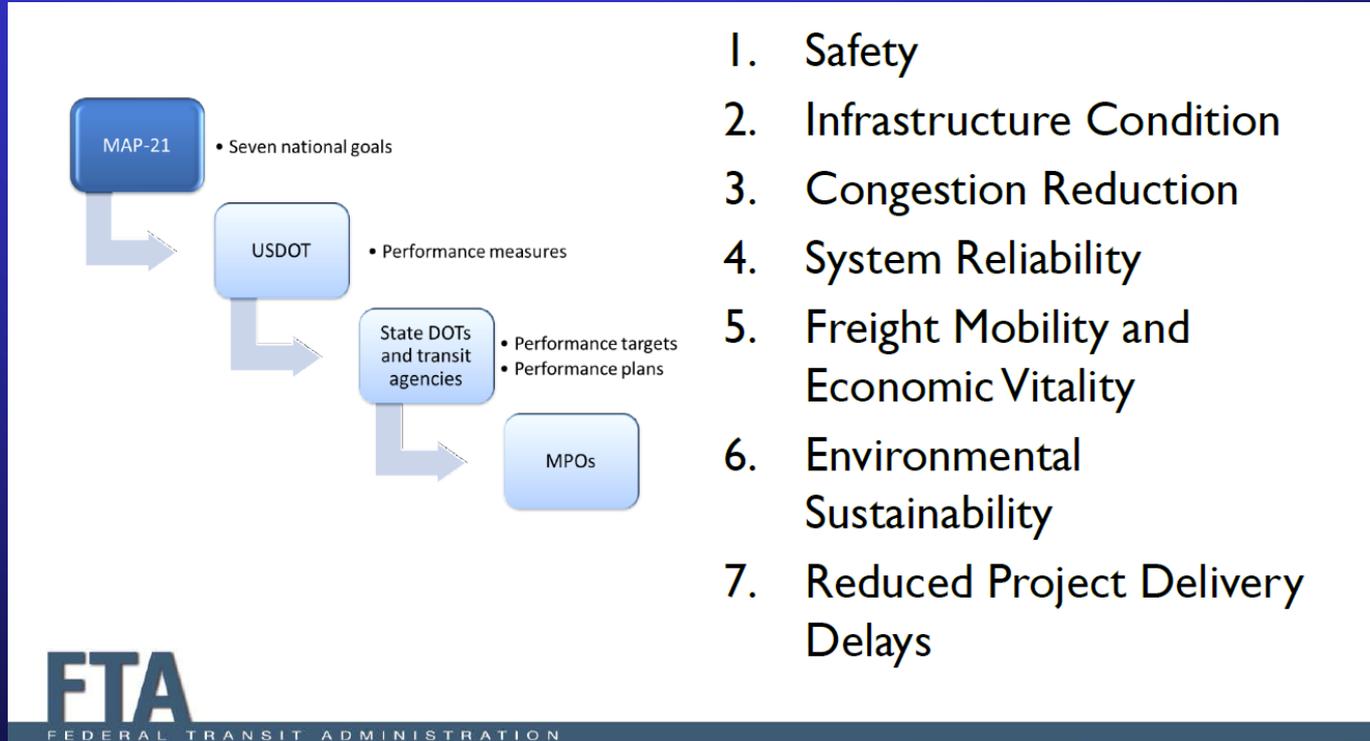
To increase accountability and transparency



**FTA**

FEDERAL TRANSIT ADMINISTRATION

# MAP-21 Performance Management: Seven National Goals



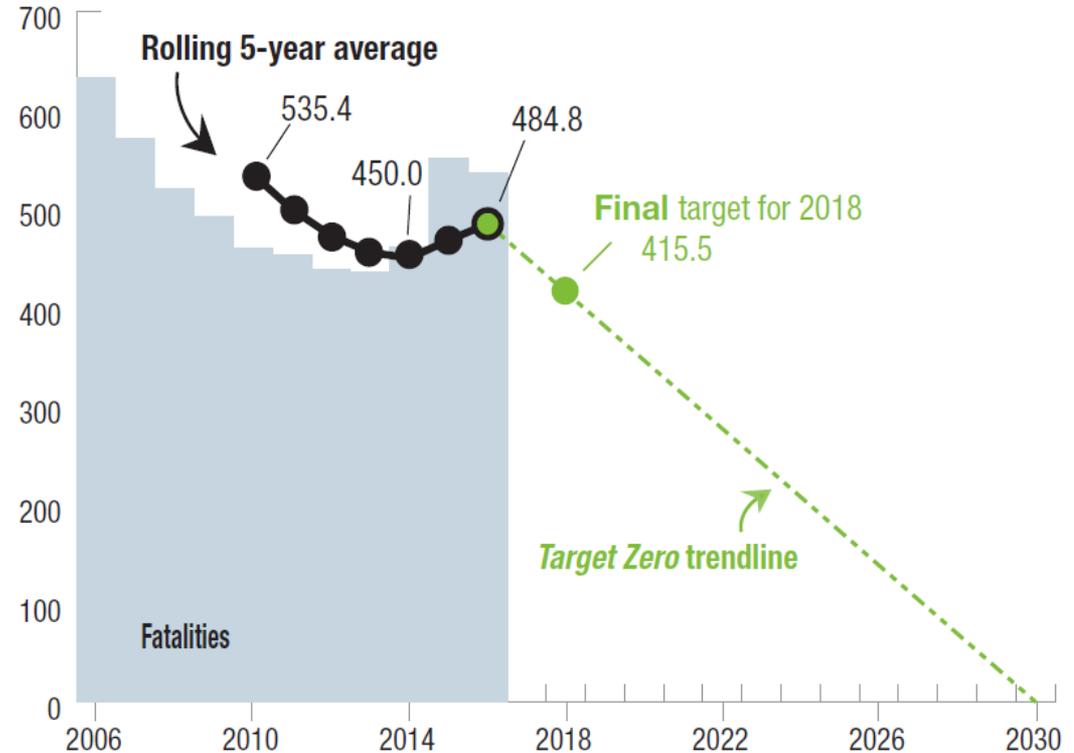
# Safety Performance Measures: Rulemaking and Implementation

- ◆ 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

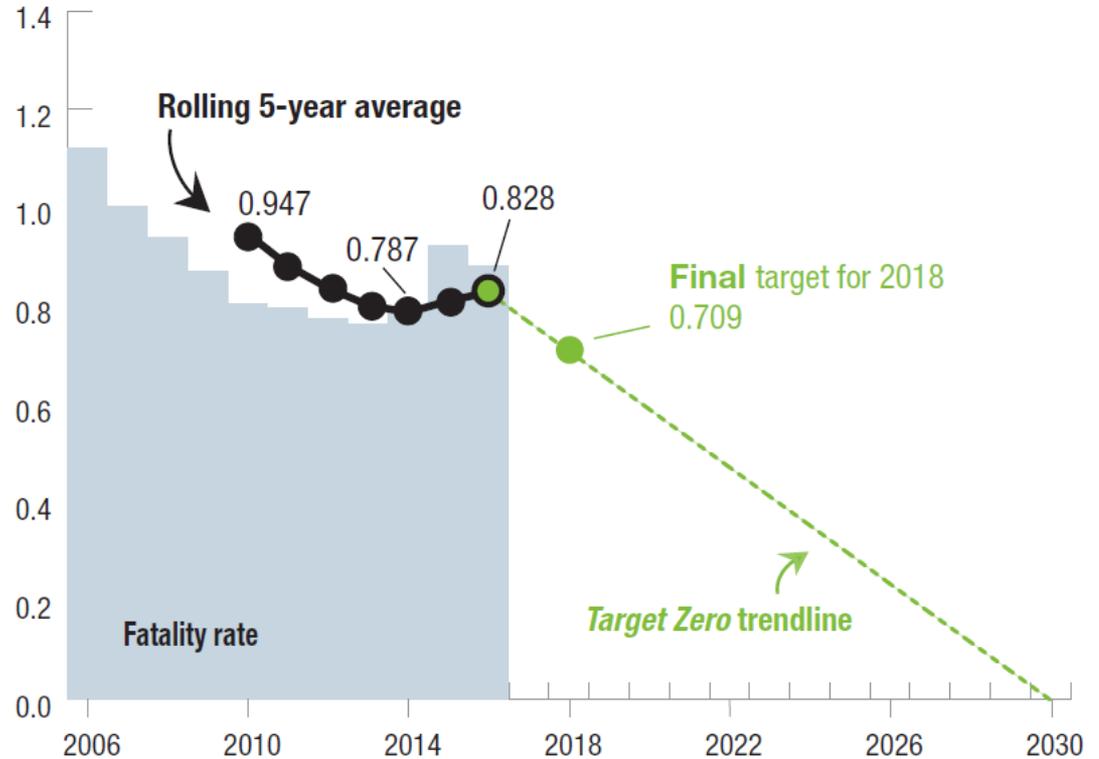


Data source: Washington State Traffic Safety Commission - Fatality Analysis Reporting System.

# Washington State: Fatality Rate 2006-2030

## Measure No. 2 - Fatality rate

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

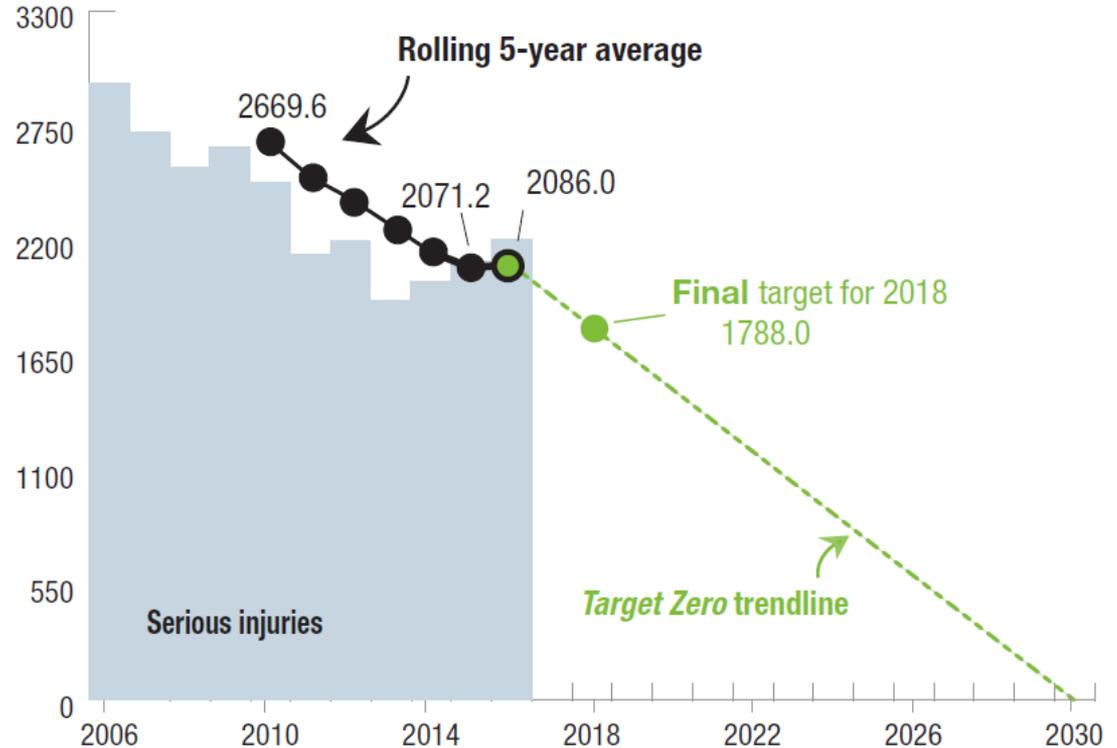


Data sources: Washington State Traffic Safety Commission - Fatality Analysis Reporting System;  
Washington State Department of Transportation - Highway Performance Monitoring System.

# Washington State: Serious Injuries 2006-2030

## Measure No. 3 - Serious injuries

2006 through 2030; Serious injuries in Washington State

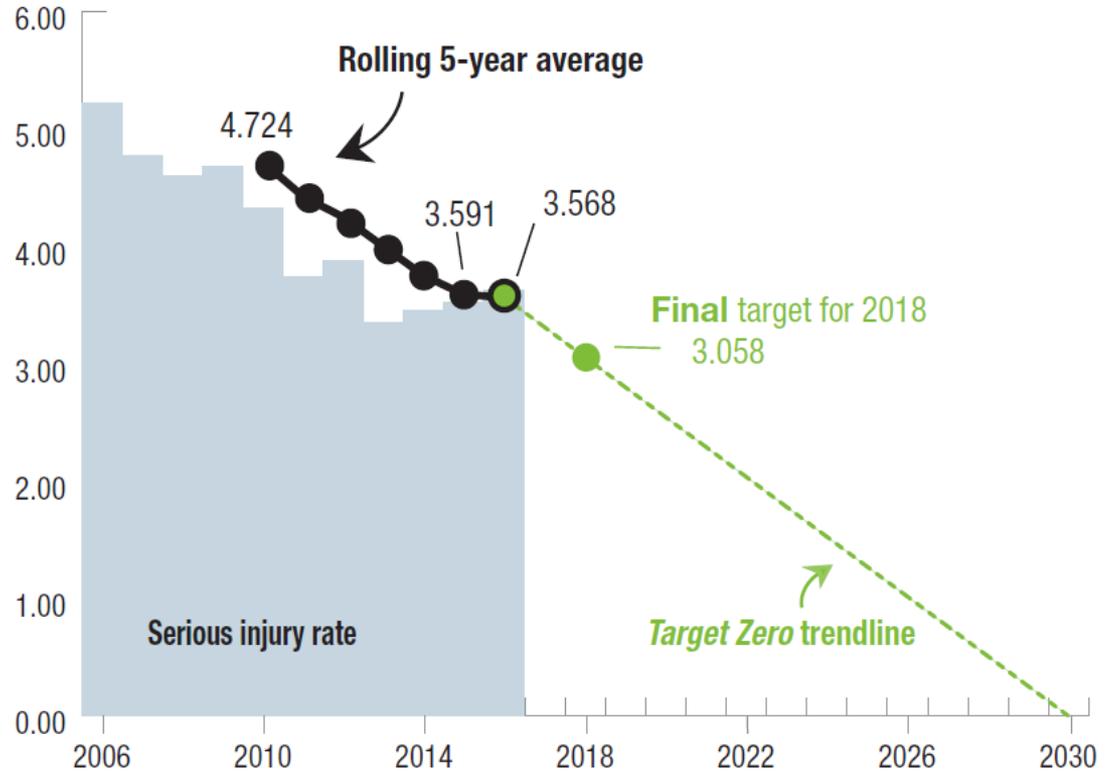


Data source: Washington State Department of Transportation - Crash Database.

# 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

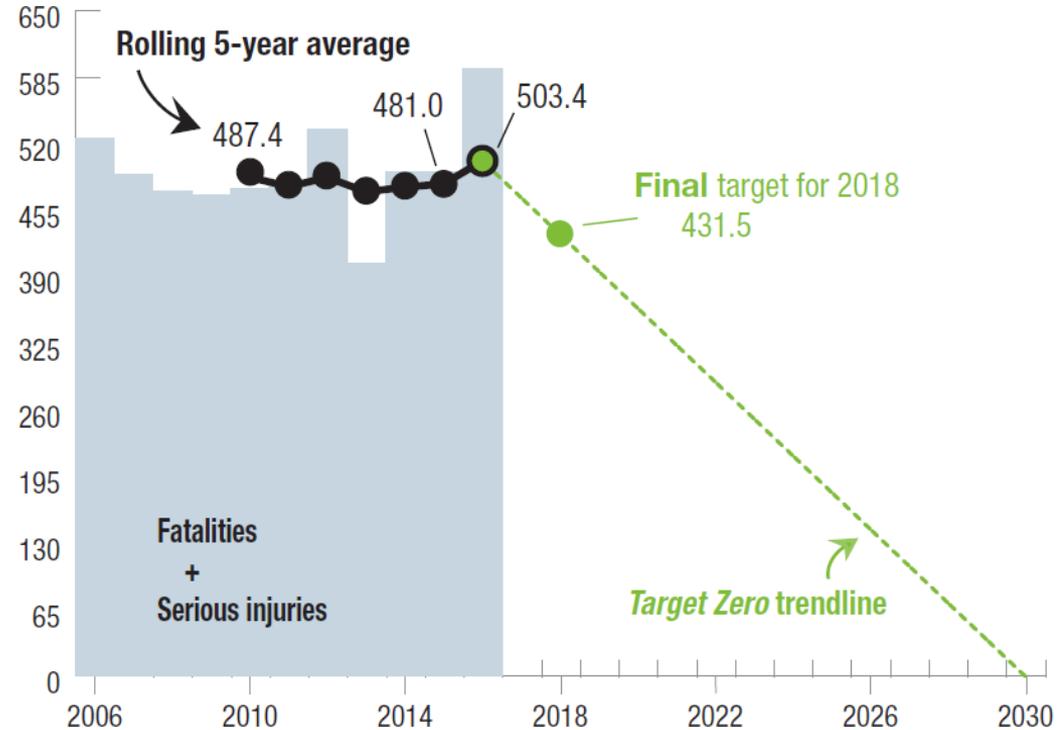


Data sources: Washington State Department of Transportation - Crash Database, Highway Performance Monitoring System.

# 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.

# 2018 Safety Performance Targets: WSDOT and RTC (proportioned)



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
<b>RTC MPA</b>	<b>2018</b>	<b>20.1</b>	<b>.688</b>	<b>105.9</b>	<b>3.62</b>	<b>23.1</b>

# Timeline: Safety Performance Targets

- ◆ Dec. 15 meeting: RTAC recommends 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

# MAP-21 Safety Performance Measures and Target Setting

Resolution 01-18-02

## **Action:**

- ◆ To establish MAP-21 Safety Performance Measures and Targets for the RTC Metropolitan Planning Area

*Agenda Item VII.*