



# Safety Performance Measures



Technical Advisory Committee  
February 14, 2018

# Performance Measures

Performance Area	MPO Deadlines
Safety	Feb 27, 2018
Pavement and Bridge Measures	Nov 20, 2018
System Performance of NHS, Freight and CMAQ	Nov 20, 2018
Transit Asset Management	Apr 30, 2019

# Federal Safety Performance Measures

1. Number of fatalities
2. Rate of fatalities per 100 M Vehicle Miles Traveled (VMT)
3. Number of serious injuries
4. Rate of serious injuries per 100 M VMT
5. Number of non-motorized fatalities and serious injuries

# Safety Targets

- Targets set for *each measure*
- Upon adoption by the State, MPOs have 180 days to:
  1. Agree to plan and program projects that contribute toward accomplishing TxDOT statewide targets; OR
  2. Commit to quantifiable targets for the MPA.
- Key Dates:
  - State Safety targets due: **August 31, 2017**
  - MPO Safety targets due: **February 27, 2018**

# State Safety Targets

- Achieve a 2% reduction by 2022
- Estimated target values for 2018
- Adopted in the TxDOT's Highway Safety Improvement Program annual report (August 31, 2017)

# State Safety Targets – Reduction Percentages

Year	Reduction Percentage
2017	0.0%
2018	0.4%
2019	0.8%
2020	1.2%
2021	1.6%
2022	2.0%

# 2018 State Safety Target Summary

Safety Performance Measures	State Targets		Regional Outcome	
	2018	2014-2018 (5-Year Average)	2018	2014-2018 (5-Year Average)
Number of Fatalities	3,891	3,704	729	681
Rate of Fatalities (per 100 million VMT)	1.5	1.4	1.2	1.2
Number of Serious Injuries	18,130	17,565	3,422	3,419
Rate of Serious Injuries (per 100 million VMT)	6.6	6.7	6.6	6.7
Number of Non-motorized Fatalities & Serious Injuries	2,309	2,151	650	590

# TPC Action (Jan 26, 2018)

Approved a resolution support to the State's safety targets for five performance measures as adopted in the TxDOT's Highway Safety Improvement Program annual report dated August 31, 2017



# Next Steps - Regional Safety Plan

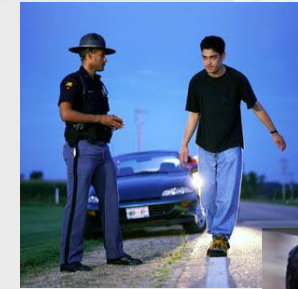
## Focus Areas

- Aggressive Driving
- Bicycle and Pedestrian
- Distracted Driving
- Impaired Driving
- Intersections

(2016 Texas Intersection Safety Implementation Plan)

## Countermeasures

- ✓ Engineering
- ✓ Enforcement
- ✓ Education
- ✓ Other (empowerment, encouragement, etc.)



# Next Steps

- Annually assess progress on Safety Performance Measures
- Incorporate into 2040 Regional Transportation Plan Amendment (May 27, 2018)
- Incorporate into 2045 Regional Transportation Plan and Transportation Improvement Program

# Questions?

[www.h-gac.com/transportation-safety/](http://www.h-gac.com/transportation-safety/)

# Performance Measures

Topic Area	Performance Measures
<b>Freight</b>	<ol style="list-style-type: none"> <li>1. Percent Interstate System with Reliable Truck Travel Times</li> <li>2. Percent of the Interstate System mileage uncongested</li> </ol>
<b>Air Quality</b>	<ol style="list-style-type: none"> <li>1. Annual Hours of Excessive Delay Per Capita</li> <li>2. Total Emissions Reduction</li> </ol>
<b>Traffic Congestion</b>	<ol style="list-style-type: none"> <li>1. Reliability</li> <li>2. Peak Hour Travel Time in urbanized areas over 1 million population</li> </ol>
<b>Asset Management</b>	<ul style="list-style-type: none"> <li>• Development and implementation of a qualifying statewide Asset Management Plan</li> </ul>
<b>Pavement / Bridge Condition</b>	<ol style="list-style-type: none"> <li>1. Percent of Interstate System pavements in Good condition</li> <li>2. Percent of non-Interstate System pavements in Good condition</li> <li>3. Percent of National Highway System bridges in Good condition</li> </ol>
<b>Safety</b>	<ol style="list-style-type: none"> <li>1. <b>Number of fatalities</b></li> <li>2. <b>Rate of fatalities</b></li> <li>3. <b>Number of serious injuries</b></li> <li>4. <b>Rate of serious injuries</b></li> <li>5. <b>Number of non-motorized fatalities and serious injuries</b></li> </ol>

# Methodology

## Safety Target Methodology (Sample Data)

