Safety Performance Management Targets

Transportation Policy Board • November 9, 2017
MAP-21/FAST Act established new emphasis on performance and outcome based planning

- Required USDOT to establish performance measures in a number of areas, and
- State DOTs and MPOs to “collaboratively” set targets for these measures

**PSRC Board Schedule**

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<th>Performance Targets</th>
<th>Action</th>
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<td>Transit Asset Management</td>
<td>Approved, June 2017</td>
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<td>Safety Performance Management</td>
<td>Anticipated, January 2018</td>
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<td>Freight Movement</td>
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<td>Pavement &amp; Bridge Condition</td>
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<td>Congestion Mitigation and Air Quality (CMAQ)</td>
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State and Regional Safety Targets

• Methodology for setting targets was developed collaboratively through the WSDOT/MAP-21 Target Setting Working Group

• State’s methodology is based on the Strategic Highway Safety Plan, Target Zero, straight-line projection from 2016 to reach zero fatalities and serious injuries by 2030

• WSDOT/MAP-21 Target Setting Working Group recommends that all MPOs (including PSRC) in Washington State apply a similar methodology and adopt regional targets that align with statewide targets
USDOT Safety Performance Management Measures

1. Number of fatalities

2. Rate of fatalities per 100 million vehicle miles traveled

3. Number of serious injuries

4. Rate of serious injuries per 100 million vehicle miles traveled

5. Number of non-motorized fatalities and serious injuries
Number of Fatalities
Target Zero Projection and 2018 Targets

These numbers are 5-year rolling averages
*Source: WSDOT
**Rate of Fatalities Per 100 Million VMT**

**Target Zero Projection and 2018 Targets**

These numbers are 5-year rolling averages

*Source: WSDOT*
Number of Serious Injuries
Target Zero Projection and 2018 Targets

These numbers are 5-year rolling averages
*Source: WSDOT

WSDOT
Target:
1,788.0

PSRC
Target:
898.6

Observed Data
Target Zero Projected Trend Line

# of Serious Injuries

Rate of Serious Injuries per 100 Million VMT
Target Zero Projection and 2018 Targets

These numbers are 5-year rolling averages
*Source: WSDOT

Serious Injury Rate

Observed Data
Target Zero
Projected Trend Line

WSDOT
Target: 3.06

PSRC
Target: 2.93

2014 2015 2016 2017 2018 2019 ... 2024 2025 2026 2027 2028 2029 2030
Bicycle/Pedestrian Fatalities and Serious Injuries
Target Zero Projection and 2018 Targets

These numbers are 5-year rolling averages
*Source: WSDOT
Evaluation of Safety Performance Targets

- Targets are measured regionally, but reported statewide

- WSDOT reports statewide performance to FHWA

- FHWA will assess whether **significant progress** has been made
  - 4 out of 5 targets must either (A) be met or (B) have an outcome better than the baseline number
Next Steps

- Board action on these targets anticipated in January 2018

- PSRC staff will provide briefings to the TPB on remaining performance targets, as they are finalized
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