Safety Performance Management Targets for 2021
Federal Requirements

• To support performance-based planning, FHWA adopted the Safety PM Final Rule

• Rule requires State DOTs and MPOs establish targets for these five safety performance measures:
  – Number of fatalities
  – Rate of fatalities per 100 million vehicle miles traveled (VMT)
  – Number of serious injuries
  – Rate of serious injuries per 100 million VMT
  – Number of non-motorized fatalities plus non-motorized serious injuries
MPO Requirements

• All MPOs must set a target for each of the 5 Highway Safety Improvement Program (HSIP) Safety Performance Measures

• MPOs may:
  – Establish a numerical target for each performance measure specific to the MPO planning area, or
  – Agree to support the State DOT target.

• MPO HSIP targets are not annually assessed for significant progress toward meeting targets (State HSIP targets are assessed annually)
Timeline

- **Staff**
  - Develop Target Options
  - December

- **Work Group**
  - Recommendations
  - December

- **TAC Committees**
  - Recommendations
  - January/February

- **TAB**
  - Approval
  - February

- **Metropolitan Council**
  - Approval
  - February

- **FHWA**
  - Targets Due by
  - February 26
Which Approach?

Align targets with actual rising fatalities and serious injuries.
Conditions may change; this can mean increasing targets from year to year

OR

Do not set target higher than the baseline.
Set a steadily declining target or one remaining level to not send message that increases in these numbers are acceptable.
How have we been doing on our way to zero?

<table>
<thead>
<tr>
<th>Performance Measure</th>
<th>2019 Target</th>
<th>2019 Actual</th>
<th>2020 Target</th>
</tr>
</thead>
<tbody>
<tr>
<td>Annual Traffic Fatalities</td>
<td>108</td>
<td>131</td>
<td>106</td>
</tr>
<tr>
<td>Fatal Injury Rate (per 100m VMT)</td>
<td>0.34</td>
<td>0.45</td>
<td>0.34</td>
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<tr>
<td>Annual Serious Injuries</td>
<td>748</td>
<td>699</td>
<td>738</td>
</tr>
<tr>
<td>SI Injury Rate (per 100m VMT)</td>
<td>2.37</td>
<td>2.39</td>
<td>2.36</td>
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<tr>
<td>Bike/Ped Fatal and Serious Injuries</td>
<td>190</td>
<td>182</td>
<td>181</td>
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</table>
Process for 2021

- Safety Performance Work Group created to make a recommendation on best methodology for the region

- Members from Scott County, Ramsey County, Minneapolis, Saint Paul, three MnDOT offices related to this work, TAB Coordinator, Met Council staff

- Staff reviewed what peer MPOs were doing

- Work group reviewed three potential methodologies and made its recommendation of a 4th choice based on the others
What MnDOT is Doing

- Updated Strategic Highway Safety Plan (SHSP) is Minnesota’s plan to reduce fatalities and serious injuries on all public roads

- 2025 Goal: no more than 225 traffic deaths and 980 serious injuries

- Targets are based on a trend from the 2019 outcome to the 2025 goal

- To reach the 2025 goal, fatalities must decrease by 23 per year

- If fatalities increase, method may result in greater targets over prior year
Work Group Recommendation

Carry over 2020 targets and reduce targets annually to reach the region’s share of MnDOT’s 2025 goals in the Strategic Highway Safety Plan

- Consistency with goal in the statewide plan

- Ensures targets do not increase year to year

- Allows the region to evaluate how we are doing in relation to this goal

- Our targets fall annually by approximately 8 fatal injuries, 67 serious injuries, and 17 pedestrian and bicycle fatal and serious injuries
Work Group Recommendation Targets

Carry over 2020 targets and reduce targets annually to reach the region’s share of MnDOT’s 2025 goals in the Strategic Highway Safety Plan

<table>
<thead>
<tr>
<th>Year</th>
<th># Fatalities</th>
<th>Fatality Rate</th>
<th># Serious Injuries</th>
<th>Serious Injury Rate</th>
<th># Ped Bike Fatalities + Serious Injuries</th>
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</thead>
<tbody>
<tr>
<td>2021</td>
<td>106</td>
<td>0.36</td>
<td>738</td>
<td>2.49</td>
<td>181</td>
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<td>2022</td>
<td>98</td>
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<td>90</td>
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<td>82</td>
<td>0.27</td>
<td>532</td>
<td>1.76</td>
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<tr>
<td>2025</td>
<td>74</td>
<td>0.24</td>
<td>464</td>
<td>1.53</td>
<td>115</td>
</tr>
</tbody>
</table>
Questions?

• Heidi Schallberg Heidi.Schallberg@metc.state.mn.us
• Jed Hanson Jed.Hanson@metc.state.mn.us