



NORTH CAROLINA
Department of Transportation



CY 2019 Preliminary Safety Performance Measures

May 11, 2018

Safety Performance Measures

- The Safety Performance Measures establish new regulations to implement MAP-21 Performance Management Requirements
- Beginning in August 2017, States will establish annual targets in the HSIP report
- Targets for each Performance Measure (5 Year Rolling Averages)
 1. Number of Fatalities (Fatality Analysis Reporting System (FARS) data)
 2. Fatality Rate (per 100 million VMT)
 3. Number of Serious Injuries
 4. Serious Injury Rate (per 100 million VMT)
 5. Number of Non-Motorized (Pedestrians + Bicyclists) Fatalities and Serious Injuries
- Targets are for calendar years
- Targets are established annually
- Targets must be identical to NHTSA HSP targets for common measures (Number of Fatalities, Fatality Rate, Number of Serious Injuries)
- States and MPOs must coordinate on establishing targets
- States would have “Met” or “Made Significant Progress” towards meeting Performance Targets if:
 - 4 out of 5 targets are “Met” or
 - 4 out of 5 targets are better than performance for year prior to establishing targets

Targets for Safety Performance Measures

May 24, 2017 - State Safety Target Setting and Coordination Memorandum

NHTSA and FHWA required “baselines” for the 3 Common Safety Performance Measures (for CY 2018 Targets)

- NHTSA in the HSP
 - Number of Fatalities and Fatality Rate - 2011-2015 baseline
- FHWA in the HSIP
 - Number of Fatalities and Fatality Rate - 2012-2016 baseline
- HSP and HSIP
 - Number of Serious Injuries - 2012-2016 baseline

CY 2018 Targets for Safety Performance Measures

Highway Safety Plan (HSP)

- For the 2018 Highway Safety Plan (HSP), the goal is to reduce total fatalities by 6.87 percent from 1,296.4 (2011-2015 average) to 1,207.3 (2014-2018 average) by December 31, 2018.
- For the 2018 Highway Safety Plan (HSP), the goal is to reduce the fatality rate by 8.31 percent from 1.215 (2011-2015 average) to 1.114 (2014-2018 average) by December 31, 2018.
- For the 2018 Highway Safety Plan (HSP), the goal is to reduce total serious injuries by 9.94 percent from 2,399.8 (2012-2016 average) to 2,161.2 (2014-2018 average) by December 31, 2018.

Highway Safety Improvement Program (HSIP)

- For the 2018 Highway Safety Improvement Plan (HSIP), the goal is to reduce total fatalities by 9.94 percent from 1,340.6 (2012-2016 average) to 1,207.3 (2014-2018 average) by December 31, 2018.
- For the 2018 Highway Safety Improvement Plan (HSIP), the goal is to reduce the fatality rate by 9.27 percent from 1.228 (2012-2016 average) to 1.114 (2014-2018 average) by December 31, 2018.
- For the 2018 Highway Safety Improvement Plan (HSIP), the goal is to reduce total serious injuries by 9.94 percent from 2,399.8 (2012-2016 average) to 2,161.2 (2014-2018 average) by December 31, 2018.
- For the 2018 Highway Safety Improvement Plan (HSIP), the goal is to reduce the serious injury rate by 9.27 percent from 2.191 (2012-2016 average) to 1.988 (2014-2018 average) by December 31, 2018.
- For the 2018 Highway Safety Improvement Plan (HSIP), the goal is to reduce the total non-motorized fatalities and serious injuries by 10.32 percent from 438.8 (2012-2016 average) to 393.5 (2014-2018 average) by December 31, 2018.

Preliminary CY 2019 Targets for Safety Performance Measures

Highway Safety Plan (HSP)

- For the 2019 Highway Safety Plan (HSP), the goal is to reduce total fatalities by 9.56 percent from 1,340.4 (2012-2016 average) to 1,212.3 (2015-2019 average) by December 31, 2019.
- For the 2019 Highway Safety Plan (HSP), the goal is to reduce the fatality rate by 10.77 percent from 1.227 (2012-2016 average) to 1.095 (2015-2019 average) by December 31, 2019.
- For the 2019 Highway Safety Plan (HSP), the goal is to reduce total serious injuries by 13.04 percent from 2,857.2 (2013-2017 average) to 2,484.7 (2015-2019 average) by December 31, 2019.

Highway Safety Improvement Program (HSIP)

- For the 2019 Highway Safety Improvement Plan (HSIP), the goal is to reduce total fatalities by 10.83 percent from 1,359.6 (2013-2017 average) to 1,212.3 (2015-2019 average) by December 31, 2019.
- For the 2019 Highway Safety Improvement Plan (HSIP), the goal is to reduce the fatality rate by 9.76 percent from 1.214 (2013-2017 average) to 1.095 (2015-2019 average) by December 31, 2019.
- For the 2019 Highway Safety Improvement Plan (HSIP), the goal is to reduce total serious injuries by 13.04 percent from 2,857.2 (2013-2017 average) to 2,484.7 (2015-2019 average) by December 31, 2019.
- For the 2019 Highway Safety Improvement Plan (HSIP), the goal is to reduce the serious injury rate by 11.84 percent from 2.524 (2013-2017 average) to 2.225 (2015-2019 average) by December 31, 2019.
- For the 2019 Highway Safety Improvement Plan (HSIP), the goal is to reduce the total non-motorized fatalities and serious injuries by 11.64 percent from 456.0 (2013-2017 average) to 402.9 (2015-2019 average) by December 31, 2019.

2014 North Carolina Strategic Highway Safety Plan



Released March 2015

Questions?

Motion to accept the methodology
used to develop and annually
update the safety performance
measures