

MoDOT Statewide Safety Targets

August 2019 (reported in HSP and HSIP)

Targets based on 5-year rolling average from CY 2016-2020:

Performance Measure	5-Year Rolling Average - Baseline (2014-2018)	5-year Rolling Average Statewide Target for CY2020
Number of Fatalities*	886.8	859.3
Fatality Rate per 100 Million VMT*	1.199	1.130
Number of Serious Injuries*	4704.4	4505.4
Serious Injury Rate per 100 Million VMT^	6.384	5.953
Number of Non-Motorized Fatalities and Serious Injuries^	440.2	437.4

Targets based on 13% fatality reduction, 8% serious injury reduction, 1% VMT increase and 5 % non-motorized reduction

*Performance Measures were set based on crash data available in April 2019 for use in the Highway Safety Plan.

^Performance Measures were set based on crash data available in August 2019 for use in the Highway Safety Improvement Program Annual Report.



Missouri DOT/ FHWA/ NHTSA/ Planning Partner Annual Safety Target Setting Coordination January 2019

FAST Act/ MAP-21 was the first transportation reauthorization bill requiring annual target setting collaboration between State DOTs and planning partners on national performance measures. Targets are required to be established annually for five safety performance measures using five-year rolling averages. Targets must be established first by State DOTs, then by each MPO, with the choice of MPOs adopting state targets or establishing their own for:

1. Number of Fatalities;
2. Rate of Fatalities per 100 Million Vehicle Miles traveled (VMT);
3. Number of Serious Injuries;
4. Rate of Serious Injuries per 100 Million VMT; and
5. Number of Non-motorized Fatalities and Non-motorized Serious Injuries

The first three performance measures must be reported in the Highway Safety Plan (HSP) for NHTSA. All five performance measures must be reported in the Highway Safety Improvement Program (HSIP) for FHWA. When targets are not met, the State DOT must spend the full HSIP allocation in one fiscal year and submit an HSIP implementation plan to FHWA detailing how the State DOT plans to meet its targets.

Annual Safety Target Setting Collaboration with Partners:

Sept. – Oct. 2016	MoDOT shared, solicited feedback and gained consensus from the MPOs on the safety target setting coordination process during the monthly partner collaboration webinars.
Feb. 2019	MoDOT Safety staff calculates data for each performance measure statewide, as available. Meet with MoDOT Executive Team.
Mar. 11, 2019	MoDOT calculates 2014-2018 data trends for each safety performance measure by statewide and by MPO, as available. MoDOT shares data with MPOs, FHWA, and NHTSA with discussion on data, assumptions and challenges for setting targets during the monthly partner collaboration webinar.
Mar - Apr. 2019	MoDOT solicits target setting feedback from partners by email.
Apr. 8, 2019	MoDOT and MPOs finalize assumptions to use for CY2020 targets during the monthly partner collaboration webinar.
By July 1, 2019	MoDOT applies assumptions to safety data for three safety performance measures and submits targets to NHTSA through HSP. MoDOT shares targets with planning partners through email and monthly partner collaboration webinars.
By Aug. 31, 2019	MoDOT applies assumptions to safety data for final two safety performance measures and submits targets for five measures to FHWA through HSIP. MoDOT shares targets with planning partners through email and monthly partner collaboration webinars.