

Transportation Performance Measure1: Safety Performance Target Setting

In compliance with the FHWA’s 23 CFR Part 490, Subpart B - National Performance Management Measures for the Highway Safety Improvement Program (HSIP), the following is a summary of WILMAPCO, DelDOT and Maryland targets to meet or make significant progress toward the five required safety performance goals. The targets were set by the DOTs in August 2017 and WILMAPCO has opted to adopt and support the statewide targets set both DOTs.

Methodology: Both states have adopted the Toward Zero Deaths (TZD) approach. TZD is a data-driven effort to reduce fatalities and serious injuries by developing strong leadership in organizations that directly impact highway safety. For consistency with the 2015 Strategic Highway Safety Plan (SHSP), DelDOT and Office of Highway Safety (OHS) agreed to use the SHSP annual targets as the basis for developing Delaware’s 2022 targets for each safety measure. Annually, Delaware’s an additional reduction of at least 3 fatalities and 15 serious injuries over the previous year to achieve a 50% reduction by 2035. In Maryland the annual targets for each of the measures are set using an exponential trend line connecting the historical data to the 2030 goal found in their SHSP.

The chart shows the Delaware and Maryland established statewide targets (2018-2022, 5 year rolling averages) for each of the five measures. Once 2021 Fatality Analysis Reporting System (FARS), Highway Performance Monitoring System (HPMS), and FARS Annual Report File (ARF) data becomes finalized (December 2021) it will be compared to these targets to determine whether Delaware, Maryland, and WILMAPCO and MPOs have met or made significant progress toward our crash reduction targets.

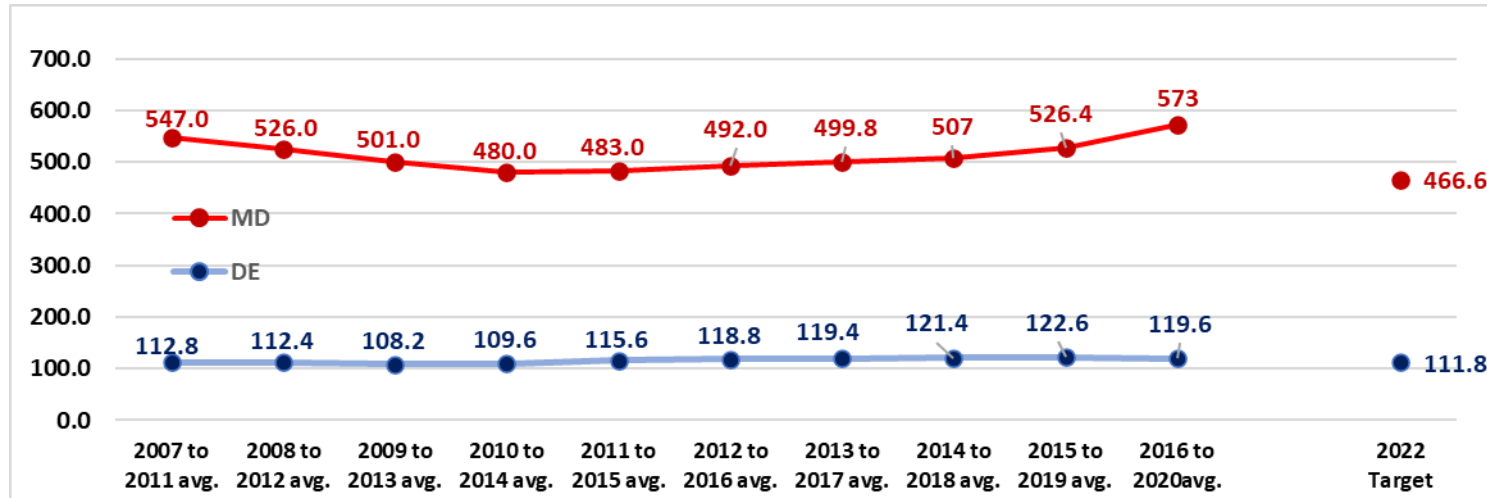
Details on the HSIP projects can be found in the New Castle County section of the TIP.

State/MPO Established Safety Targets – 2022*	Maryland	Delaware
Number of Fatalities	466.6	111.8
Rate of Fatalities per 100 million VMT	0.774	1.074
Number of Serious Injuries	2,263.0	438.3
Rate of Serious Injuries per 100 million VMT	3.815	4.212
Number of Non-motorized Fatalities and Non-motorized Serious Injuries	554.7	85.1

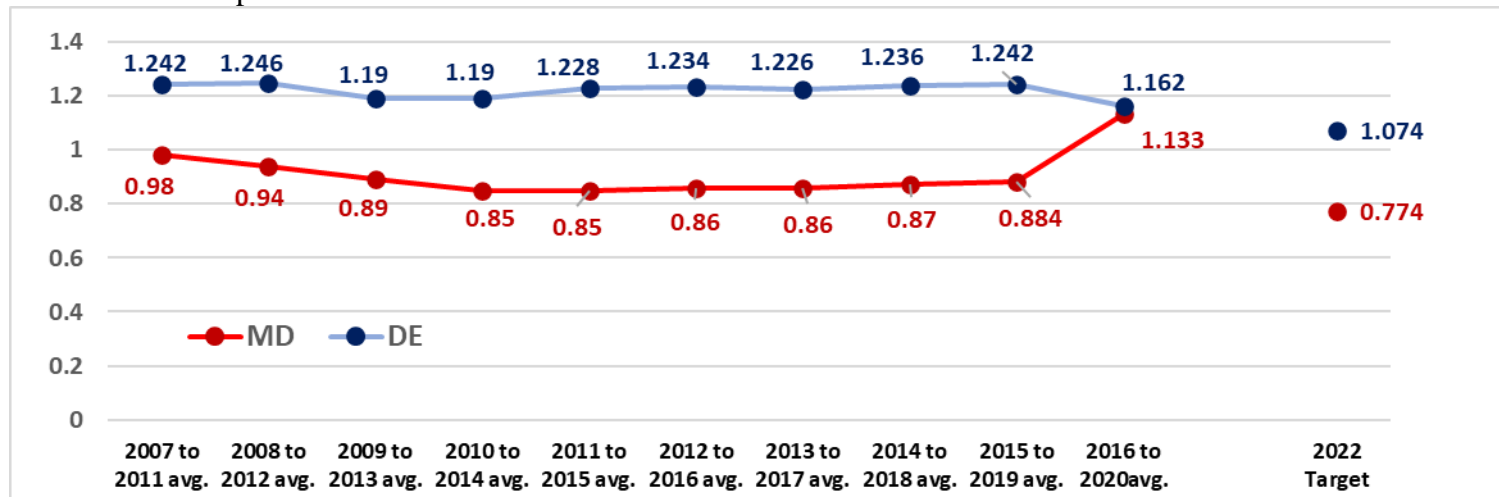
*Target based on 5-year rolling baseline averages for (2018-2022)

The following charts show the historical trends composed of 5-year rolling averages, 2020 HSIP baseline figures and 2018-2022 targets for all five safety performance measures. Figures include all injuries and fatalities which occurred on all public roads.

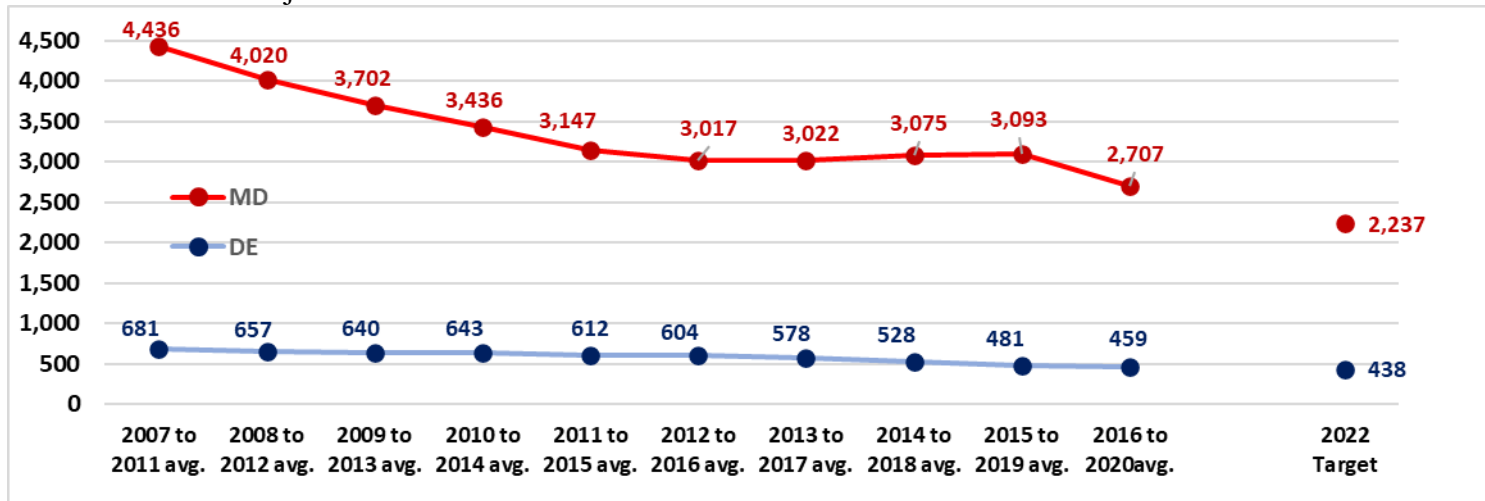
Total Number of Fatalities



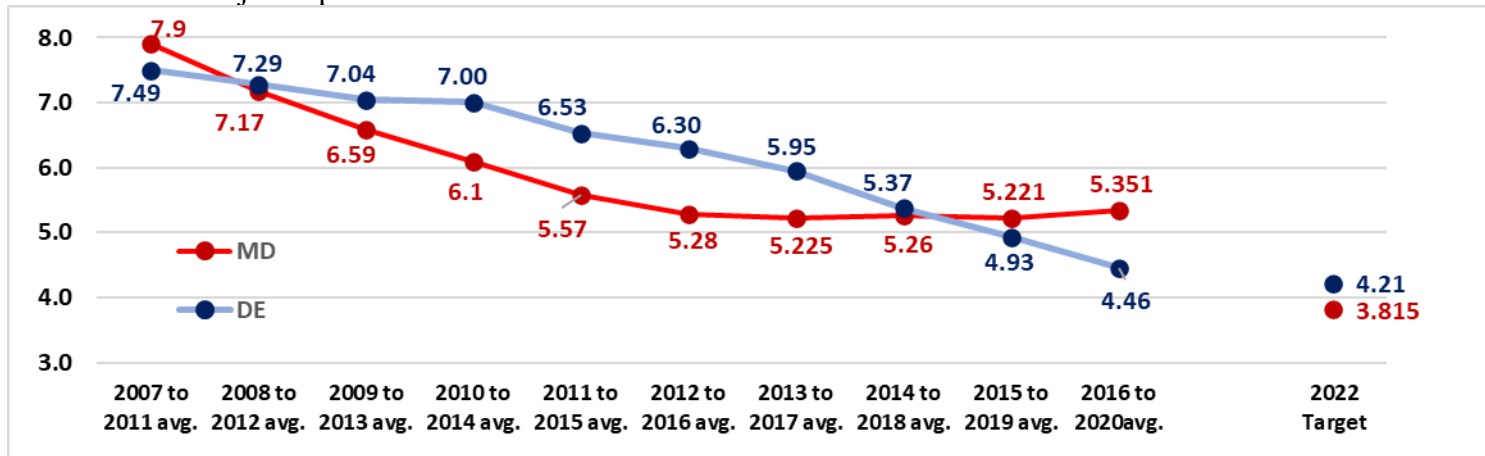
Rate of Fatalities per 100 million VMT



Number of Serious Injuries



Rate of Serious Injuries per 100 million VMT



Non-Motorized Fatal and Serious Injuries

