



Delaware's 2023 Safety Performance Measure Targets Summary

2022 Reporting Cycle

DRAFT

In compliance with FHWA requirements for establishing safety performance measure (SPM) targets, the Delaware Department of Transportation (DelDOT) and Delaware Office of Highway Safety (OHS) have collaborated to develop targets for the five safety performance measures established by FHWA.

Target Development Methodology

During 2020, DelDOT and OHS and other statewide safety partners (including FHWA and NHTSA) collaborated to develop the *2021-2025 Delaware Strategic Highway Safety Plan: Toward Zero Deaths (2021-2025 SHSP)*, which provides a framework to reduce fatalities and serious injuries resulting from crashes on Delaware's roadways. As part of the plan's development, several trendlines were reviewed to establish an aggressive, yet achievable, overall objective. Through a comparison of these trendlines, the reduction of combined fatalities and serious injuries ranged from 2.6 to 4.4 percent annually or 12 to 20 percent over five years. Based on these historic trends, the *2021-2025 SHSP* established a five-year overall objective to reduce fatalities and serious injuries by 15 percent (a 3.2 percent annual reduction) as measured from the 2015-2019 five-year rolling average.

In Spring 2022, DelDOT and OHS coordinated to set Delaware's 2023 safety performance measure targets and agreed to align the annual SPM targets with the *2021-2025 SHSP's* five-year overall objective. The objectives outlined in the *2021-2025 SHSP* are frequency-based using five-year rolling averages; therefore, 2023 SPM targets 1, 3, and 5 were calculated using projections based on the *2021-2025 SHSP's* objective to reduce fatalities and serious injuries by 15 percent over 5 years. Projected fatality and serious injury numbers were combined with projected vehicle miles traveled (VMT) to calculate the two rate-based SPM targets (i.e., 2 and 4). The table below shows the historical performance for 2017 to 2021, 2021 Baseline, 2023 Targets, and the CY2022 and CY2023 average values required to match the 2021 Baseline and 2023 Targets. FHWA determines a state has met or made significant progress when actual performance matches the established target or is better than the baseline for at least four of the five SPM targets.

OVERALL OBJECTIVE

Delaware's 2021-2025 SHSP objective is to **reduce fatalities and serious injuries by 15% over the next five years** to ultimately reach the goal of zero fatalities and serious injuries on Delaware's roadways.

Year	SPM # 1 Number of Fatalities	SPM # 2 Rate of Fatalities	SPM # 3 Number of Serious Injuries	SPM # 4 Rate of Serious Injuries	SPM # 5 Combined Number of Non- Motorized Fatalities & Serious Injuries
2017	119	1.14	477	4.56	79
2018	111	1.09	377	3.70	93
2019	132	1.29	402	3.91	104
2020	116	1.39	447	5.37	95
2021	139	1.38	553	5.50	109
2021 Baseline* <i>(2017-2021 Rolling Average)</i>	123.4	1.258	451.2	4.608	96.0
<i>Required CY2022 and CY2023 Average to Match Baseline</i>	115.0	1.115	427.0	4.130	86.0
2023 Targets <i>(2019-2023 Rolling Average)</i>	108.2	1.108	424.3	4.350	82.4
<i>Required CY2022 and CY2023 Average to Match Target</i>	77.0	0.740	359.8	3.485	51.9

* 2021 Baseline values are based on best available data at time of target setting and are subject to change when FARS and HPMS data are finalized.

Delaware's 2023 safety performance measure targets based on 5-year rolling averages are summarized below:

1. Delaware's 2023 5-year rolling average target for the **number of fatalities** is **108.2**.
2. Delaware's 2023 5-year rolling average target for the **rate of fatalities** (per 100 million vehicle miles traveled) is **1.108**.
3. Delaware's 2023 5-year rolling average target for the **number of serious injuries** is **424.3**.
4. Delaware's 2023 5-year rolling average target for the **rate of serious injuries** (per 100 million vehicle miles traveled) is **4.350**.
5. Delaware's 2023 5-year rolling average target for the **combined number of non-motorized fatalities and serious injuries** is **82.4**.

