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MPO Outreach: 2026 Safety Performance Targets

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Safety Performance Targets



- 2026 Target Setting Methodology
- 2026 Statewide Safety Targets and Prior-Year Targets
- PM1 Target Setting Reporting Overview by MPOs



2026 Target Setting Methodology



- Five-Year Annual Averages from 2022-2026
 - Number of fatalities
 - Rate of fatalities (per 100M vehicle-miles-traveled)
 - Number of serious injuries
 - Rate of serious injuries (per 100M vehicle-miles-traveled)
 - Number of non-motorized fatalities and serious injuries



2026 Target Setting Methodology



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These come directly from the Highway Safety Plan



2026 Target Setting Methodology



Number of Fatalities

3,933.2 fatalities

Number of Serious Injuries

16,016.9 serious injuries

Fatality Rate

1.20 fatalities per 100MVMT

			BASE YEARS				
GHSA/NHTSA PERFORMANCE PLAN CHART FY 24-26 Highway Safety Plan			2017	2018	2019	2020	2021
C-1	Traffic Fatalities	FARS Annual	3,884	3,798	3,719	3,980	4,285
	Maintain total fatalities at 3,933.2 (2022 - 2026 rolling average) by 2026.		5-Year Rolling Avg.	3,463.4	3,601.6	3,725.0	3,843.6
C-2	Serious Injuries in Traffic Crashes	State Annual	14,201	16,158	16,443	15,392	17,904
	Reduce serious traffic injuries 0.02 percent from 16,019.6 to 16016.9 (2022 - 2026 rolling average) by 2026.		5-Year Rolling Avg.	12,213.6	13,312.4	14,402.0	15,090.4
C-3	Fatalities/100M VMT	FARS Annual	1.13	1.09	1.09	1.33	1.38
	Maintain fatalities/100 MVMT at 1.20 (2022 -2026 rolling average) by 2026.		5-Year Rolling Avg.	1.03	1.06	1.09	1.15

[2024-2026 California Highway Safety Plan](#)



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These can be calculated using assumptions from the Highway Safety Plan



Serious Injury Rate

- In previous years, Caltrans calculated that the Highway Safety Plan assumed a 3.69% annual decrease in serious injuries
- Apply this same annual decrease to serious injury *rate* to calculate this target
 - Baseline this from real 2021 data



2026 Target Setting Methodology



Serious Injury Rate

Year	Real Data	Projected Data	Five-Year Average
2021	5.818		
2022		$5.818 * (1 - 3.69\%)^{2022-2021} = 5.603$	<div style="border: 2px solid orange; padding: 10px; display: inline-block;">5.205</div>
2023		$5.818 * (1 - 3.69\%)^{2023-2021} = 5.397$	
2024		$5.818 * (1 - 3.69\%)^{2024-2021} = 5.198$	
2025		$5.818 * (1 - 3.69\%)^{2025-2021} = 5.006$	
2026		$5.818 * (1 - 3.69\%)^{2026-2021} = 4.821$	



Number of Non-Motorized Fatalities and Serious Injuries

- In previous years, Caltrans calculated that the Highway Safety Plan assumed a 3.69% annual decrease in serious injuries and a 2.84% annual decrease in fatalities
- Apply these same annual decreases to non-motorized fatalities and serious injuries to calculate this target
- Same type of calculation as the serious injury rate (previous slide)



Number of Non-Motorized Fatalities and Serious Injuries

- Applying the same type of calculation as the serious injury rate slide leads to...

4,402.5 non-motorized fatalities and serious injuries



2026 Safety Targets



Performance Measure	FY 2026 Target (5-Year Average)	Average Annual Reduction
Number of Fatalities	3,933.2	2.84%
Fatality Rate (per 100M VMT)	1.20	4.61%
Number of Serious Injuries	16,016.9	3.69%
Serious Injury Rate (per 100M VMT)	5.205	3.69%
Number of Non-Motorized Fatalities and Serious Injuries	4,402.5	2.84% (F) 3.69% (SI)

TOWARD ZERO FATALITIES AND SERIOUS INJURIES

DOUBLE DOWN ON WHAT WORKS – SAFE SYSTEM APPROACH – ACCELERATE TECHNOLOGY – INTEGRATE EQUITY



Performance Measure Assessment for 2023 Targets



Performance Measure	2019-2023 Target	2019-2023 Actual	2017-2021 Baseline	Met Target?	Better than Baseline?	Met or Made Significant Progress?
Number of Fatalities	3,808.2	4,162.4	3,978.8	No	No	No
Rate of Fatalities (Per 100 MVMT)	1.216	1.318	1.218	No	No	
Number of Serious Injuries	15,156.2	16,894.6	16,055.6	No	No	
Rate of Serious Injuries (Per 100 MVMT)	4.940	5.342	4.906	No	No	
Number of Non-Motorized Fatalities and Serious Injuries	4,131.7	4,796.4	4,514.8	No	No	

TOWARD ZERO FATALITIES AND SERIOUS INJURIES

DOUBLE DOWN ON WHAT WORKS – SAFE SYSTEM APPROACH – ACCELERATE TECHNOLOGY – INTEGRATE EQUITY



MPO Target Setting Requirements for FY 2026



Within six months (February 27) MPOs shall report to the state:

1. Agreeing to support the State DOT statewide safety target for that performance measures; or
2. Establishing a quantifiable target for that performance measure for their metropolitan planning area.

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Serious Injury Rate (per 100M VMT)	5.205	3.69%
Number of Non-Motorized Fatalities and Serious Injuries	4,402.5	2.84% (F) 3.69% (SI)