






Regional Transportation Council

Regional Safety Performance Targets Update - 2023-2027

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Recent and Upcoming Federal Performance Measure Action

Rulemaking	Upcoming RTC Target-Setting Action	Next Anticipated RTC Target-Setting Action	Target-Setting Schedule
Transit Safety (PTASP)	May 2021 	Early 2025	Every 4 Years
Transit Asset Management (TAM)	September 2022 	Late 2026	Every 4 Years
PM3 – System Performance, Freight, and CMAQ	September 2022 	Late 2024	Biennial
PM1 – Roadway Safety	February 2023	Early 2024 (Information/Update)	Targets established as reductions over 5-year period
PM2 – Pavement and Bridge	Spring 2023	Late 2024	Biennial

Safety Performance Targets

- Regional Transportation Council (RTC) approval of current performance targets established through 2022
- Need to seek approval of new five-year targets
- MPOs have the option to support State targets or adopt our own targets
- Identified to monitor through the Statewide Safety Task Force

Number of Fatalities

Rate of Fatalities*

Number of Serious Injuries

Rate of Serious Injuries*

Bicyclist and Pedestrian Fatalities and Serious Injuries

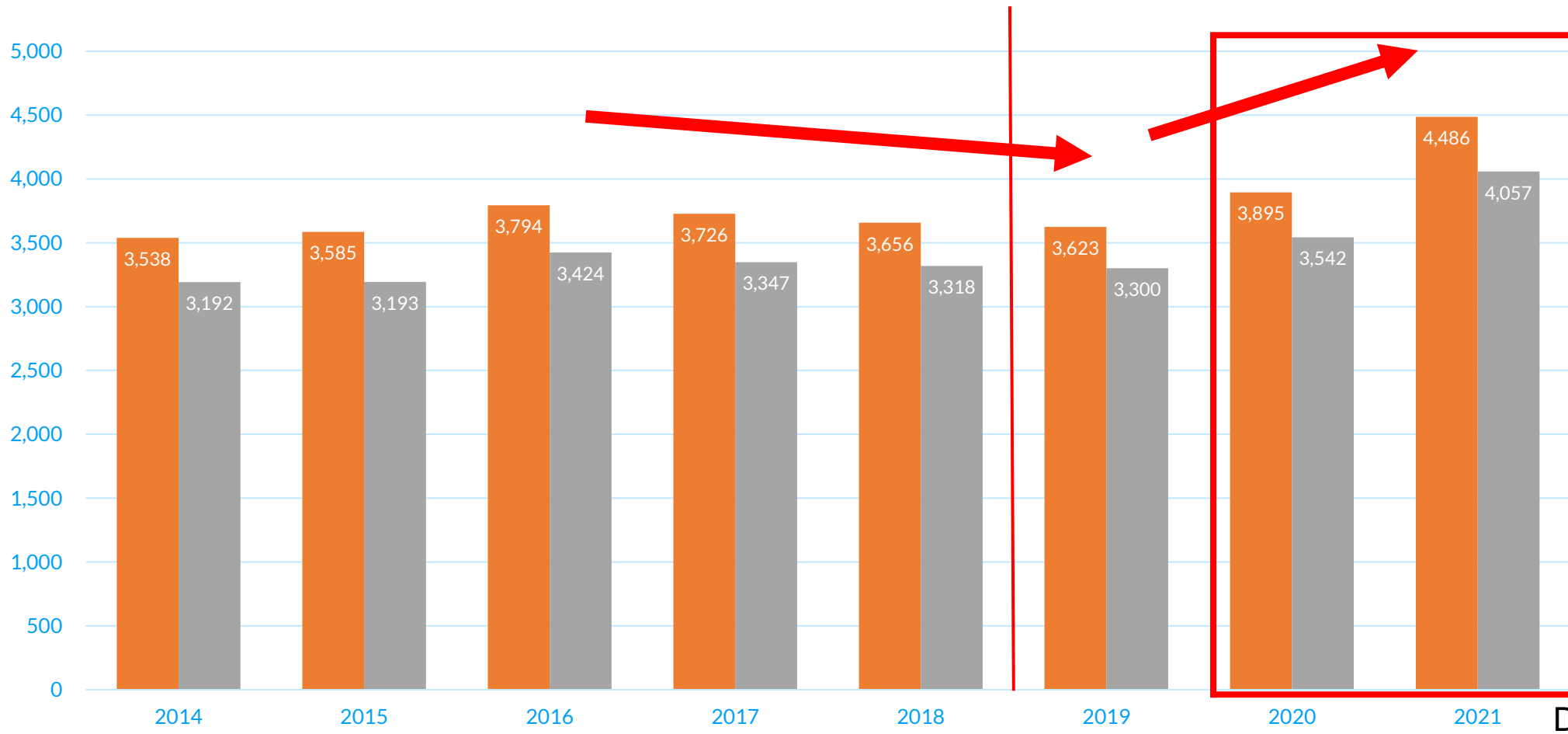
*Rates calculated per 100 million vehicle miles traveled



Texas Fatalities and Fatal Crashes 2014 - 2021



Road to Zero
May 2019



In 2021, traffic-related fatalities were at 4,486 compared with 3,895 lives lost on Texas roadways in 2020. (15% increase)

Data as of 03/28/2022



Fatalities Fatal Crashes

Preliminary NCTCOG Safety Performance Update for 2021

Safety Performance Measures	Original 2021 Target	PY2021 Actual Performance	PY2015-2019 Baseline Performance	Met Target?	Better than the Baseline?	Met or Made Significant Progress?
Number of Fatalities	572.4	614.2	557.2	No	No	No
Rate of Fatalities	0.762	0.814	0.781	No	No	
Number of Serious Injuries	3,375.3	3,647.6	3,663.1	No	Yes	
Rate of Serious Injuries	4.485	4.843	5.200	No	Yes	
Number of Non-Motorized Fatalities and Serious Injuries	592.3	617.0	569.8	No	No	

Original 2021 Target was calculated in early 2021 and included observed data for 2017-2019 and projected data for 2020-2021. PY2021 actual performance includes 2017-2021 observed data.



Safety Performance Targets Past and Future

Past

TxDOT

Two percent reduction across each of the five performance targets by target year 2022

In 2021, TxDOT updated fatalities, fatality rates, and bike and pedestrian fatalities to 50 percent reduction by 2035 and zero by 2050

NCTCOG

Two percent reduction across each of the five performance targets by target year 2022

Future

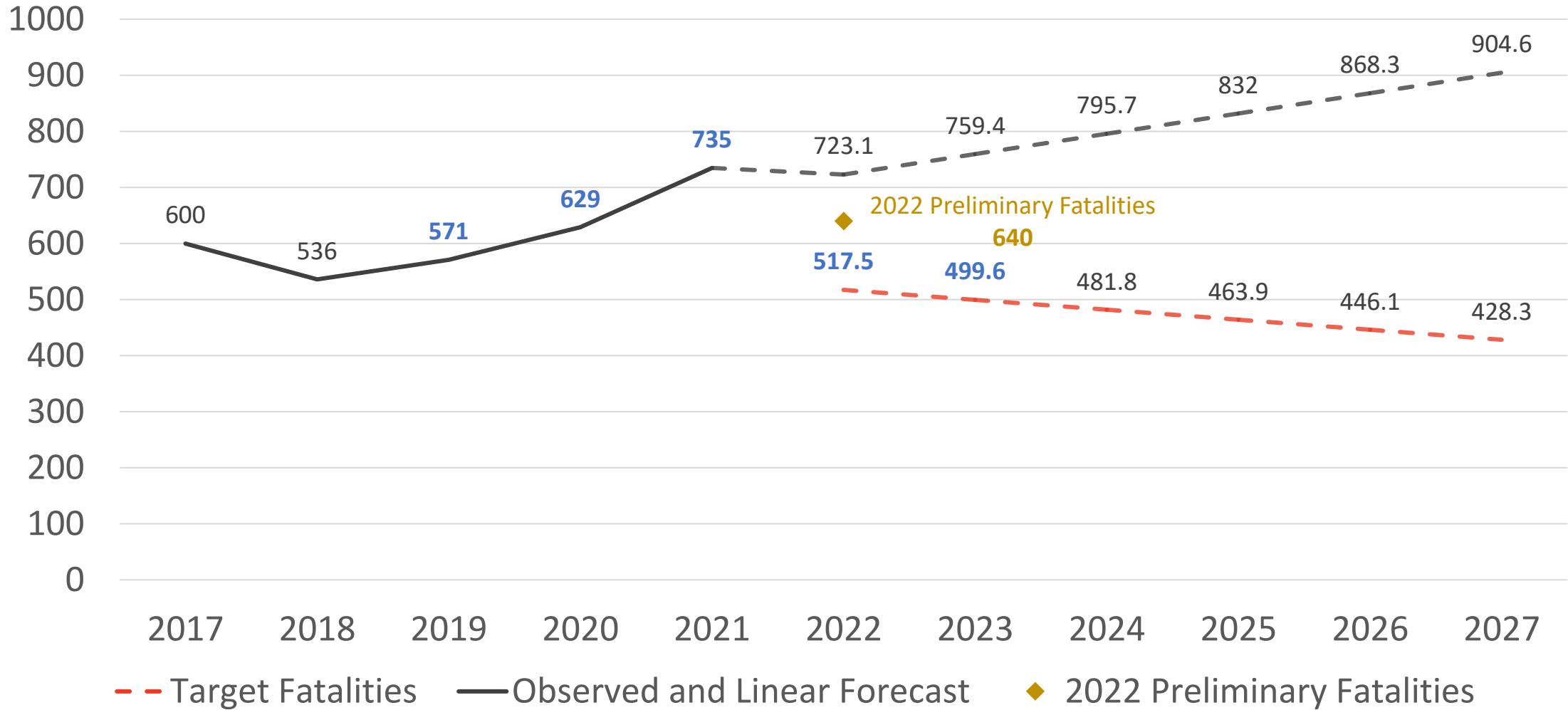
TxDOT

Fatalities, fatality rates, and bike and pedestrian fatalities to 50 percent by 2035 and zero by 2050

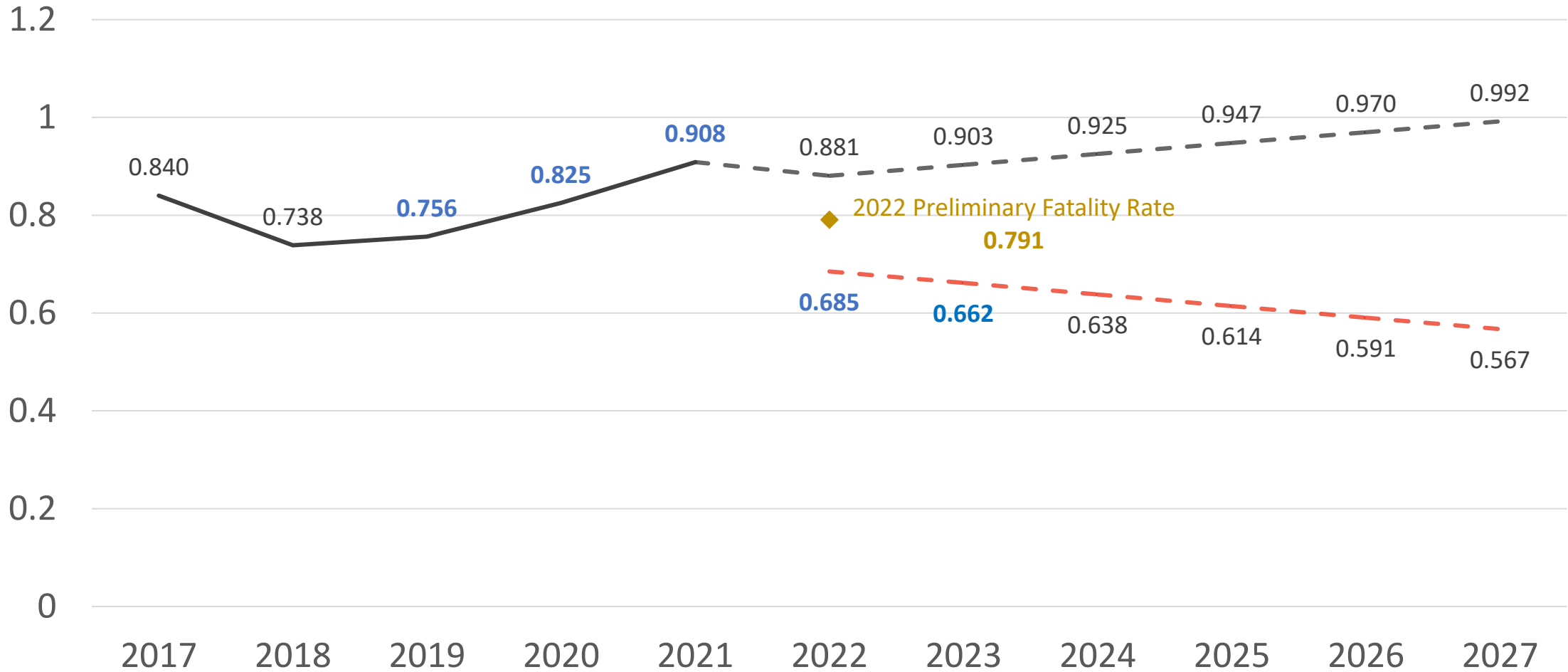
Serious injuries, serious injury rates, and bike and pedestrian serious injuries two percent reduction every year



Observed, Projected and Proposed Target Fatalities (2017-2027)



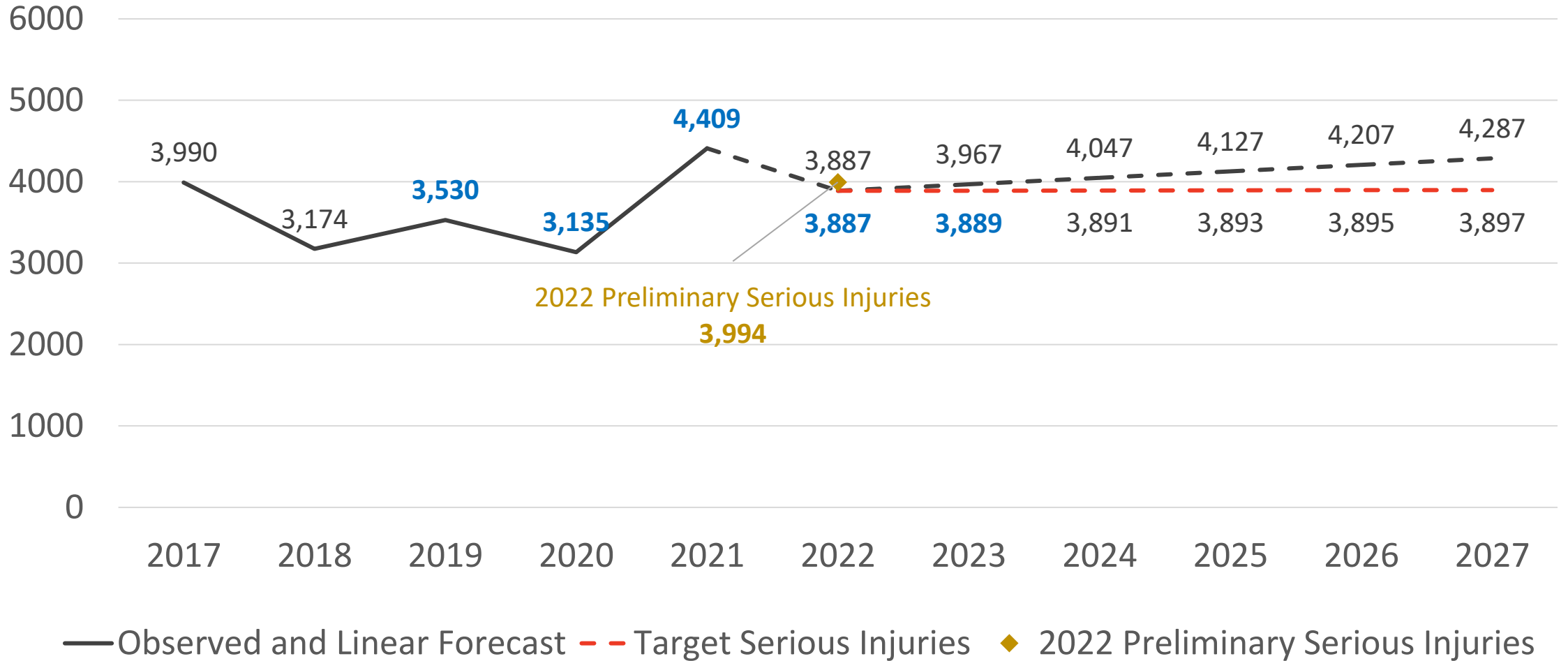
Observed, Projected and Proposed Fatality Rates (2017-2027)



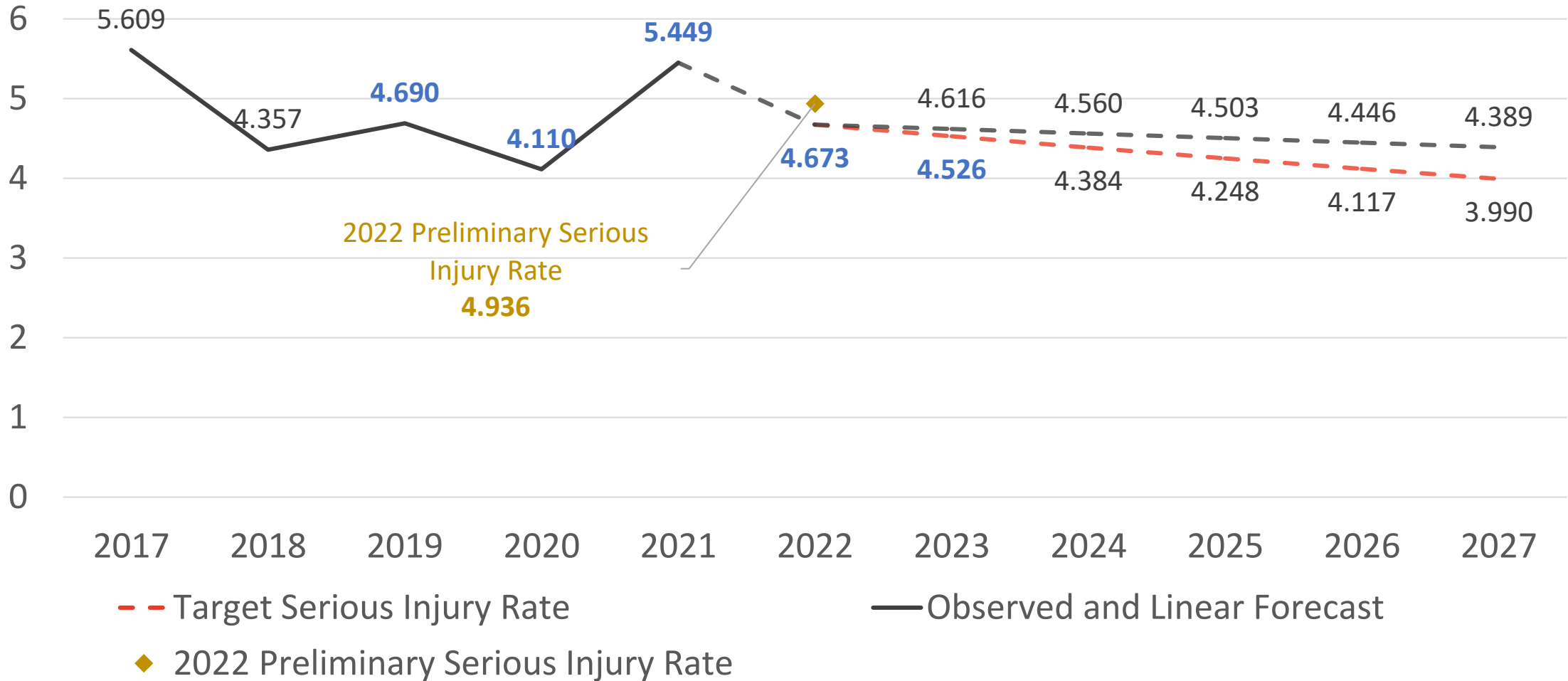
- - Target Fatality Rate — Observed and Linear Forecast ◆ 2022 Preliminary Fatality Rate



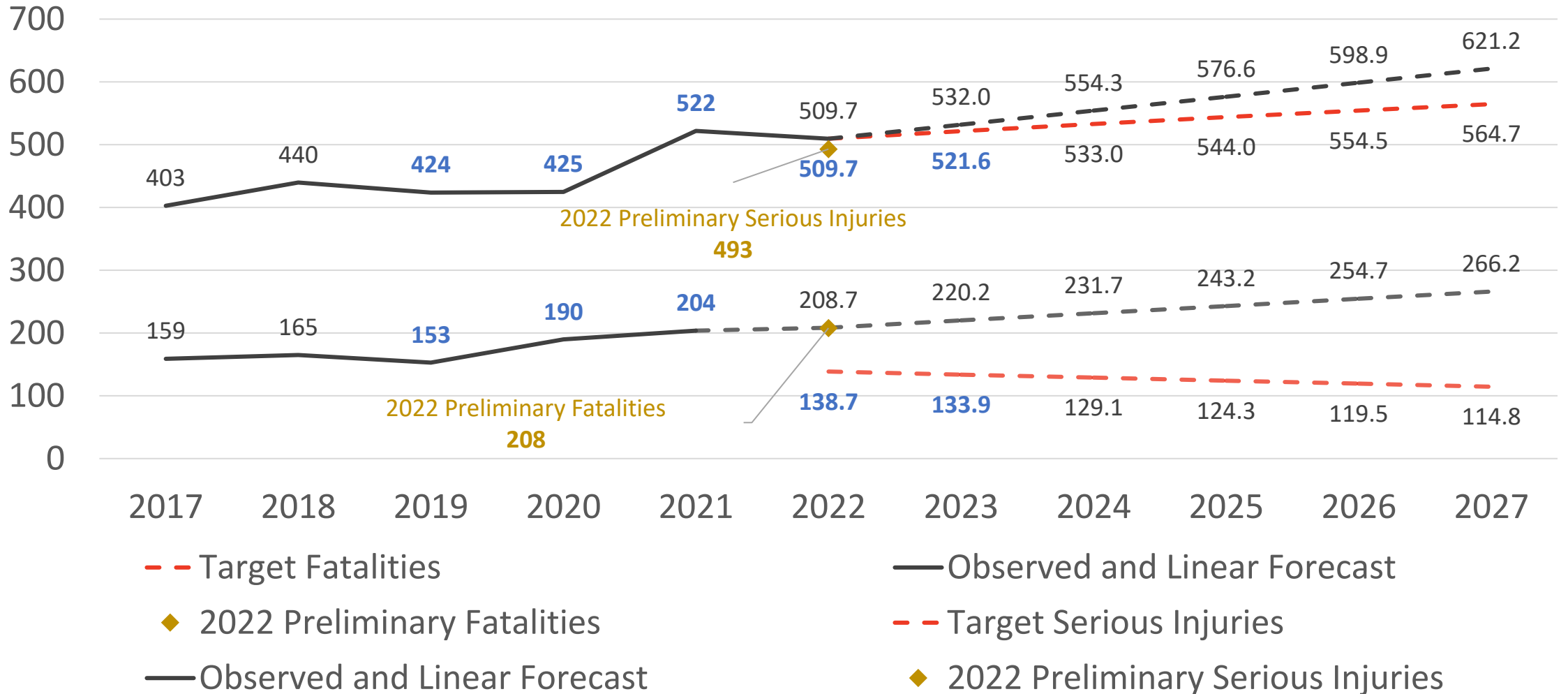
Observed, Projected and Proposed Serious Injuries (2017-2027)



Observed, Projected and Proposed Serious Injury Rates (2017-2027)



Observed, Projected and Proposed Bike/Ped Fatalities and Serious Injuries (2017-2027)



Proposed NCTCOG Safety Performance Target Setting for 2023-2027

Targets: Number of Fatalities and Fatality Rate	
Year	Percentage Reduction*
2023	3.4%
2024	3.6%
2025	3.7%
2026	3.8%
2027	4.0%

Targets: Number of Serious Injuries and Serious Injury Rate	
Year	Percentage Reduction
2023	2%
2024	2%
2025	2%
2026	2%
2027	2%

The number of non-motorized fatalities and serious injuries target will use both reduction percentages to calculate the combined measures.

*Based on linear trendline of 50 percent reduction by 2035 and zero by 2050.



NCTCOG Safety Performance Targets 2023

Safety Performance Targets	2022 Adopted Targets	Proposed 2023 Targets	Target Reduction
No. of Fatalities	579.5	590.4	50% by 2035
Fatality Rate	0.755	0.767	50% by 2035
No. of Serious Injuries	3,032.9	3,711.5	2% per year
Serious Injury Rate	3.939	4.615	2% per year
No. of Non-motorized Fatalities and Serious Injuries	594.7	637.3	50% by 2035 for fatalities, 2% per year for serious injuries



Requested Action

Approve 2023 safety performance targets and the target reduction schedule for 2023 – 2027.



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