



Regional  
Transportation Council

# FEDERAL HIGHWAY ADMINISTRATION SAFETY PERFORMANCE TARGETS UPDATE

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2.10.2022

**DRIVE AWARE**  
north texas

# 2021-2022 Federal Performance Measures Schedule

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



# Background

Federal legislation specifies quantitative performance measures that must be tracked and reported annually.

- 2018 Safety Performance Targets approved by Regional Transportation Council (RTC) in December 2017.

## Established Regional Safety Position:

Even one death on the transportation system is unacceptable. Staff will work with our partners to develop projects, programs, and policies that assist in eliminating serious injuries and fatalities across all modes of travel.

- 2018 – 2022 Safety Performance Target reduction schedule affirmed by RTC in February 2019.
- Targets updated annually.
- In May of 2019, the Texas Transportation Commission (TTC) adopted Minute Order 115481, directing TxDOT to work toward the goal of reducing the number of deaths on Texas roadways by half by the year 2035 and to zero by the year 2050.



# Safety Performance (PM1) Trends and Target Performance

Performance Measure	Desired Improvement Trend	Current Trend*	2018 Target Met	2019 Target Met	2020 Target Met**
State of Texas					
1. No. of Fatalities	↓	↑	Yes	Yes	Yes
2. Fatality Rate	↓	↓	Yes	Yes	Yes
3. No. of Serious Injuries	↓	↓	Yes	Yes	Yes
4. Serious Injury Rate	↓	↓	Yes	Yes	Yes
5. No. of Non-motorized Fatalities and Serious Injuries	↓	↑	Yes	Yes	Yes
North Central Texas (NCTCOG) Region					
1. No. of Fatalities	↓	↑	Yes	Yes	Yes
2. Fatality Rate	↓	↓	Yes	Yes	Yes
3. No. of Serious Injuries	↓	↓	Made Significant Progress	Yes	Made Significant Progress
4. Serious Injury Rate	↓	↓	Made Significant Progress	Yes	Made Significant Progress
5. No. of Non-motorized Fatalities and Serious Injuries	↓	↑	Yes	Yes	Yes

\*Current trend using data from the previous five years of available data (2016-2020)

\*\*FHWA expected to release state results in March 2022.

Observed safety performance is compared to targets on a two-year delay



# NCTCOG Actual Safety Performance 2020

Safety Performance Measures	Original 2020 Target	PY2020 Actual Performance	PY2014-2018 Baseline Performance	Met Target?	Better than the Baseline?	Met or Made Significant Progress?
Number of Fatalities	589.3	587.4	542.2	Yes	No	Yes
Rate of Fatalities	0.803	0.803	0.784	Yes	No	
Number of Serious Injuries	3,514.7	3,560	3,743.2	No	Yes	
Rate of Serious Injuries	4.768	4.891	5.434	No	Yes	
Number of Non-Motorized Fatalities and Serious Injuries	595.0	587.8	547.2	Yes	No	

Targets are based on 5-year rolling average.



# NCTCOG and TxDOT Safety Performance Targets and Projections

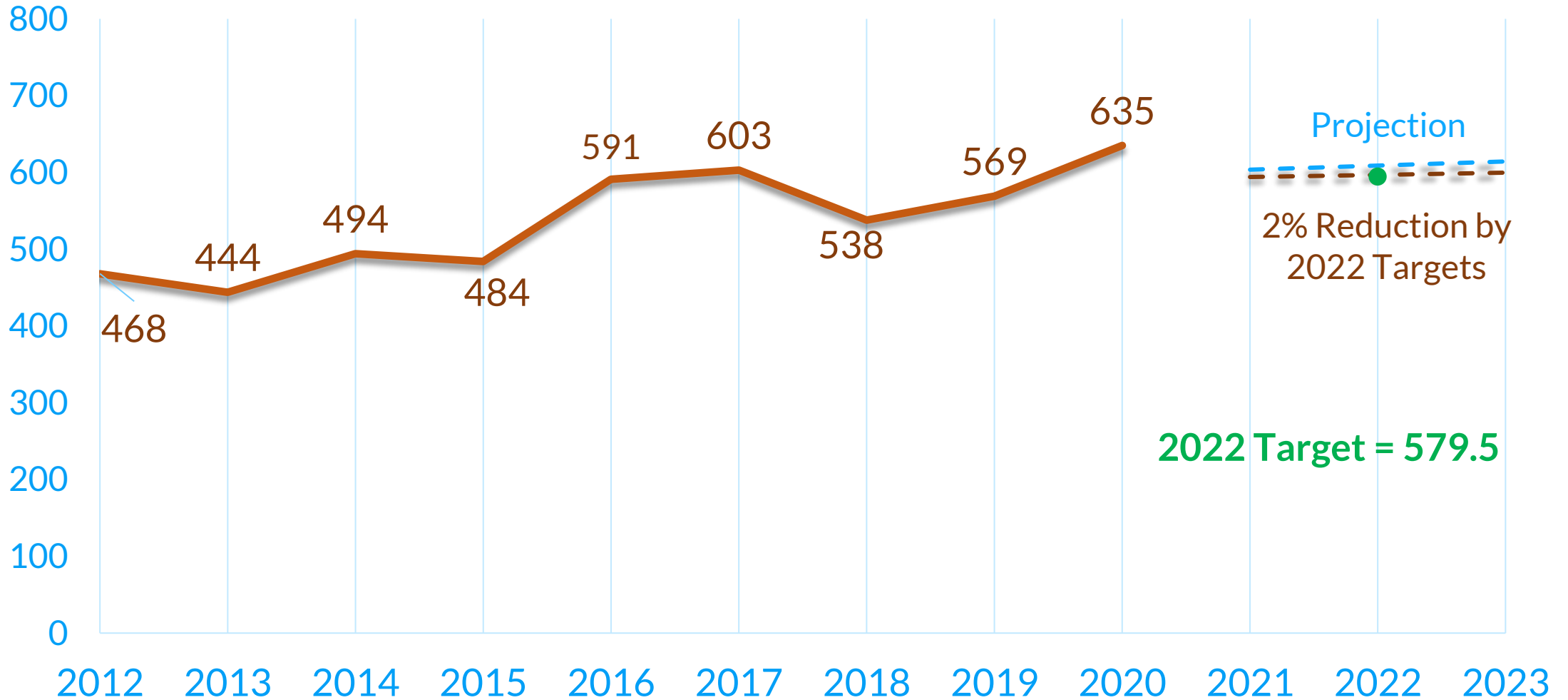
Safety Performance Targets	2020 TxDOT Targets	2020 NCTCOG Targets	2021 TxDOT Targets	2021 NCTCOG Targets	2022 TxDOT Targets	2022 NCTCOG Targets
<b>Percent Reduction</b>	1.2% Reduction		1.6% Reduction		2.0% Reduction	
<b>No. of Fatalities</b>	4,068	589.3	3,687*	572.4	3,563*	579.5
<b>Fatality Rate</b>	1.48	0.803	1.33*	0.762	1.27*	0.755
<b>No. of Serious Injuries</b>	18,602	3,514.7	17,151	3,375.3	16,677	3032.9
<b>Serious Injury Rate</b>	6.56	4.768	6.06	4.485	5.76	3.939
<b>No. of Non-motorized Fatalities and Serious Injuries</b>	2,477	595.0	2,316.4	592.3	2,367	596.9

Targets are based on a 5-year rolling average.

2022 targets calculated using 2018-2020 (observed) and 2021-2022 (projected).

\*TxDOT 2021 and 2022 fatalities and fatality rate targets calculated using a 50% reduction by 2035.

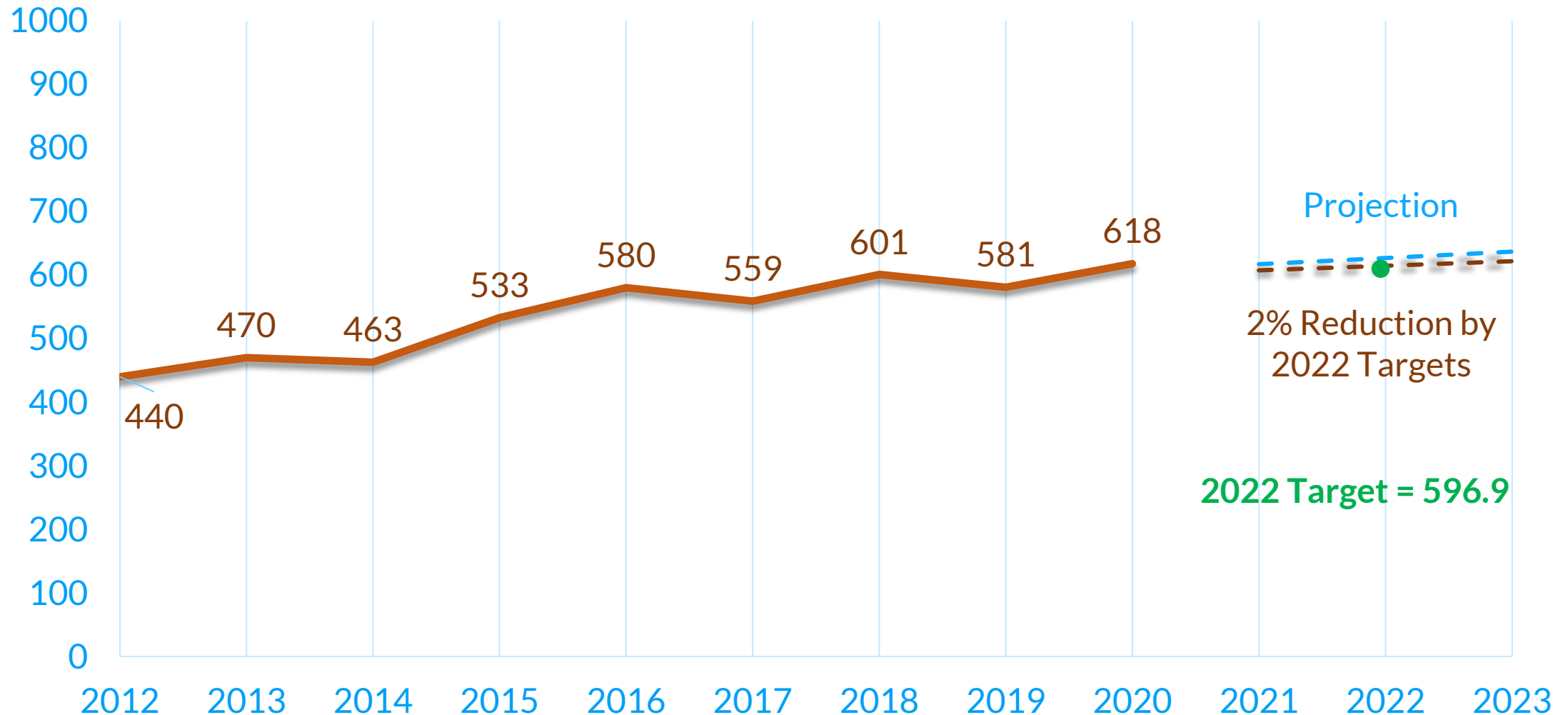
# NCTCOG Region Fatalities - Actual Performance



Future projection line calculated using the previous 5 years of available data (2016-2020).



# NCTCOG Region Non-Motorized Fatalities and Serious Injuries - Actual Performance



Future projection line calculated using the previous 5 years of available data (2016-2020).



# NCTCOG Safety-Related Programs and Projects

Safety Program Area	Bike and Pedestrian	Freight
<ul style="list-style-type: none"> <li>* Regional Roadway Safety Plan</li> <li>Drive Aware North Texas - Driver Behavior Social Marketing Campaign</li> <li>Intersection Safety Implementation Plan</li> <li>WWD Mitigation Project</li> <li>Traffic Incident Management Training Program</li> <li>Crash Reconstruction Software/Equipment Training Program</li> <li>Incident Management Call for Projects</li> <li>Commercial Vehicle Enforcement Training for Judges &amp; Prosecutors</li> <li>Commercial Vehicle Enforcement Equipment and Training Program</li> <li>Mobility Assistance Patrol Program</li> <li>Regional Safety Information System - Crash Database</li> <li>Abandoned Vehicle Working Group / Regional Policy Development</li> <li>Annual Safety Performance Report Publication</li> <li>FHWA Safety Performance Target</li> <li>Regional Safety Advisory Committee</li> <li>* Vision Zero Program Development Workshop</li> <li>* Vision Zero Regional Policy Resolution Development</li> <li>* NCTCOG Systemic Safety Improvements Program</li> </ul>	<ul style="list-style-type: none"> <li>Education and Outreach - Look Out Texans</li> <li>Regional Pedestrian Safety Plan</li> <li>Bike/Ped Technical Training/Workshops</li> <li>Safety Spot Improvement Program</li> <li>Transportation Alternative Funding CFPs</li> <li>“Routes to Rail Stations” Study</li> <li>Safe Routes to School</li> <li>Bicycle and Pedestrian Advisory Committee</li> </ul>	<ul style="list-style-type: none"> <li>Fort Worth Rail Crossing Evaluation</li> <li>Truck Lane Restrictions Planning</li> <li>Freight Safety Initiative</li> <li>Canyon Falls/US 377 and UPRR</li> <li>Linfield Closing/Ped Crossing over UPRR</li> <li>Prairie Creek Road Grade Separation</li> </ul>
<b>Air Quality</b>	<b>Congestion Management</b>	<b>Streamlined Project Delivery</b>
<ul style="list-style-type: none"> <li>DFW Clean Cities</li> <li>Emissions Enforcement</li> </ul>	<ul style="list-style-type: none"> <li>Emerging Technology Investment Programs</li> <li>Freeway Management &amp; HOV Enforcement</li> <li>Congestion Management Process</li> <li>Peak Hour Lane Implementation</li> </ul>	Denton County East-West Corridor
	<b>TSM / ITS</b>	<b>Automated Vehicles</b>
	<ul style="list-style-type: none"> <li>Regional Traffic Signal Retiming Program</li> <li>Traffic Signal/Intersection Improvement Program</li> <li>Traffic Signal Cloud Data</li> </ul>	<ul style="list-style-type: none"> <li>AV 2.0</li> <li>Texas Connected Freight Corridor: IH 30</li> <li>AV Truck Data Sharing</li> <li>Traffic Signal Data Sharing</li> <li>Waze/511DFW Data Sharing</li> <li>DSTOP</li> </ul>
	<b>Transit</b>	<b>Aviation</b>
	Public Transportation Agency Safety Plan (PTASP)	<ul style="list-style-type: none"> <li>Know Before You Fly (Your Drone) Workshops</li> <li>UAS Safety and Integration Initiative/Task Force</li> </ul>



\*Denotes an upcoming program, policy, or project.

Date	NCTCOG Safety Performance Targets Actions to Date
December 2017	STTC/RTC (Action) - Presented 2018 Safety Performance Targets. * Affirmed support of 2018 TxDOT Targets
January/February 2019	STTC/RTC (Action) - Presented 2019 Safety Performance Targets. * Reaffirmed support of 2018 TxDOT Targets and affirmed support of 2019 – 2022 TxDOT Targets
January 24, 2020	RSAC/STTC (Information) - Presented 2020 Safety Performance Targets Update and 2018 preliminary safety targets vs. actual performance update to STTC. Item pulled from RTC due to special agenda
July 24, 2020	RSAC – Presented final safety targets vs. actual performance
January/February 2021	RSAC/STTC/RTC (Information) - Presented 2021 Safety Performance Targets Update and 2019 preliminary safety targets vs. actual performance update
January/February 2022	RSAC/STTC/RTC (Information) - Presented 2022 Safety Performance Targets and 2020 preliminary safety targets vs. actual performance update
January/February 2023	STTC/RTC (Action) - Present proposed 2023 Safety Performance Targets and 2021 preliminary safety targets vs. actual performance update



# Roadway Safety Team



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