



# Regional Transit Performance Measure Targets Update

Ezra Pratt

NCTCOG Public Meeting | 4.7.2025

# Federal Performance Measure Schedule

Rulemaking	Next Anticipated STTC Action	Next Anticipated RTC Action	Target-Setting Schedule
PM1 – Roadway Safety	Early 2025 (Information Only)	Early 2025 (Information Only)	Targets established as reductions over 5-year period
PM2 – Pavement and Bridge	February 2025	March 2025	Biennial
PM3 – System Performance, Freight, and CMAQ (Part 1)	August 2024	September 2024	Biennial
PM3 – System Performance, Freight, and CMAQ (Part 2)	February 2025	March 2025	Biennial
PM3 - Greenhouse Gas Emissions		N/A (Implementation suspended)	
<b>Transit Safety (PTASP)</b>	<b>Early 2025</b>	<b>Early 2025</b>	<b>Every 4 Years</b>
Transit Asset Management	Late 2026	Late 2026	Every 4 Years



# Public Transportation Agency Safety Plan (PTASP)



Source: NCTCOG Staff





# Public Transportation Agency Safety Plan (Transit Safety) Overview

Public Transit Agency Safety Plans (PTASPs) are a means for transit providers and Metropolitan Planning Organizations to monitor and improve the safety of transit systems under their jurisdiction.

Provider targets are established annually, while regional safety targets are established every four years.

---

The five required groups of performance measures are listed below:

- **Safety/Major Events**
- **Fatalities**
- **Injuries**
- **Assaults on Transit Workers [New Measure added in April 2024]**
- **System Reliability**

Policy Direction

- Several new measures were added with updated Federal Transit Administration (FTA) regulations in April 2024
- Goal of the targets is to achieve a **10%** improvement from the regional baseline average performance by **2029**
- Fatality targets are set to **zero**, in line with the regional safety position that, “Even one death in the transportation system is unacceptable”



# PTASP Measures & Targets - Current Performance

NCTCOG Regional PTASP Safety Performance Targets	Desired Trend Indicating Improvement	FY 2023** Performance	Current Target
Total Major Events	↘	303	490
Major Events Rate*	↘	0.400	0.770
Total Fatalities	↘	5	0
Fatalities Rate*	↘	0.007	0.000
Total Injuries	↘	396	143
Injuries Rate*	↘	0.523	0.220
System Reliability (Average Miles between Major Mechanical Failures)	↗	26,544	19,841

\* Rate per 100,000 Vehicle Revenue Miles

\*\* Most recent data from the National Transit Database



# PTASP Measures & Targets - Draft Updated Targets

NCTCOG Regional PTASP Safety Performance Targets	Desired Trend Indicating Improvement	New Draft Target
Total Major Events	↓	217
Major Events rate*	↓	0.320
Collisions rate*	↓	0.169
Pedestrian Collisions rate*	↓	0.088
Vehicular Collisions rate*	↓	0.061
Total Fatalities	↓	0
Fatalities rate*	↓	0.000
Transit Worker Fatalities rate*	↓	0.000
Total Injuries	↓	244
Injuries rate*	↓	0.357
Transit Worker Injuries rate*	↓	0.033
Total Assaults on Transit Workers	↓	0
Assaults on Transit Workers rate*	↓	0.000
System Reliability (Average Miles between Major Mechanical Failures)	↑	22,826

\* Rate per 100,000 Vehicle Revenue Miles

# Addressing Transit Safety Measures

All Transit Safety performance measures stand to be improved by policies, programs, and projects that are recommended by the **Mobility 2045 Update/Mobility 2050**

**Policy TR3-007:** Implement safety, management and operations, and multimodal system integration projects and programs as appropriate.

**BUILD and other discretionary grant** awards with transit infrastructure components

**Numerous** projects being implemented by transit providers

- DART removal of mid-platform pedestrian crossings at all rail stations
- Investments in multimodal enhancements at and near major transit centers



# Transit Asset Management (TAM)





# TAM Overview

**Transit Asset Management (TAM)** is a business model that prioritizes funding based on the condition of transit assets to achieve or maintain transit networks in a state of good repair.

---

TAM supports a series of practices to achieve a transit state of good repair, including, but not limited to:

- Regular maintenance
- Inspections
- Tracking asset condition over time
- Planning for maintenance and replacement costs
- Replacing each asset at the appropriate time



# TAM Measures & Targets

Asset Category	Metric	Desired Trend Indicating Improvement	Fiscal Year 2023 Performance* (Large Agencies)	Adopted Target (Large Agencies)	Fiscal Year 2023 Performance* (Small Providers)	Adopted Target (Small Providers)
Rolling Stock (Transit Vehicles)	Vehicles that meet or exceed the industry standard, defined as either the Federal Transit Administration (FTA) Default Useful Life Benchmark or custom agency benchmarks	➔	1.9%	0%	14.4%	5%
Equipment (Support Vehicles)		➔	67.5%	25%	66.7%	25%
Infrastructure (Rail Track)	Rail track segments with performance restrictions	➔	0%	0%	0%	0%
Facilities (Buildings, Stations, Park & Rides)	Transit facilities rated below "Adequate" (3.0) on the industry standard Transit Economic Requirements Model (TERM) scale	➔	6.0%	0%	5.9%	0%

\* Most recent data from the National Transit Database



# Addressing TAM Measures

All TAM performance measures stand to be improved by policies, programs, and projects that are recommended by the **Mobility 2045 Update/Mobility 2050**

## **Program TR3-010: Transit Enhancements and Mobility Improvements Program**

Regular **maintenance of transit assets** and the **purchasing of new vehicles** in cooperation with the region's transit agencies and NCTCOG's subrecipients of FTA funding

- Includes the NCTCOG-led **Cooperative Vehicle Procurement Program** for small transit providers throughout the region
- Several other major rolling stock investments in recent years, such as **new trainsets** for TRE and TEXRail



# Transit Performance Measures & PTASP Regional Target Update Schedule

Action	Date
<del>Coordination with Regional Transit Providers on Draft PTASP Targets</del>	<del>Early March 2025</del>
<del>STTC Information on TAM/PTASP Performance and Draft Updated PTASP (Transit Safety) Targets</del>	<del>March 28, 2025</del>
NCTCOG Hybrid Public Meeting on TAM/PTASP Performance and Draft Updated Transit Safety Targets	April 7, 2025
RTC Information on TAM/PTASP Performance and Draft Updated Transit Safety Targets	June 12, 2025
STTC Action to Recommend Adoption of New Regional Transit Safety Targets	June 27, 2025
RTC Action to Adopt New Regional Transit Safety Targets	July 10, 2025





# Contact

Ezra Pratt, AICP  
Principal Transportation Planner  
epratt@nctcog.org  
(817) 695-9259

Noah Walker  
Transportation Planner  
nwalker@nctcog.org  
(817) 608-2326

Brendon Wheeler, PE, CFM  
Program Manager  
bwheeler@nctcog.org  
(682) 433-0478

Samuel Jones  
Transportation Planner  
sjones@nctcog.org  
(817) 608-2355

