

APTA Rail

Security and Emergency Management Roundtable

June 10, 2023



Joe DeLorenzo

Associate Administrator for Transit Safety and Oversight &
Chief Safety Officer
Federal Transit Administration



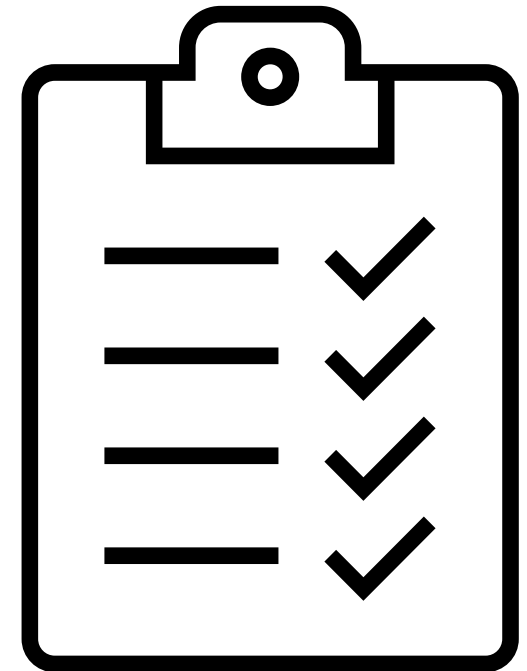
U.S. Department of Transportation
Federal Transit Administration

Presentation Overview

The purpose of this presentation is to provide an update on the current safety landscape, FTA grade crossing initiatives and partnerships.

Agenda

- Current Safety Landscape
- Reducing Transit Worker Assault
- PTASP Notice of Proposed Rulemaking
- National Public Transportation Safety Plan
- Human Trafficking Awareness
- Cybersecurity Assessment Tool for Transit
- Public Safety

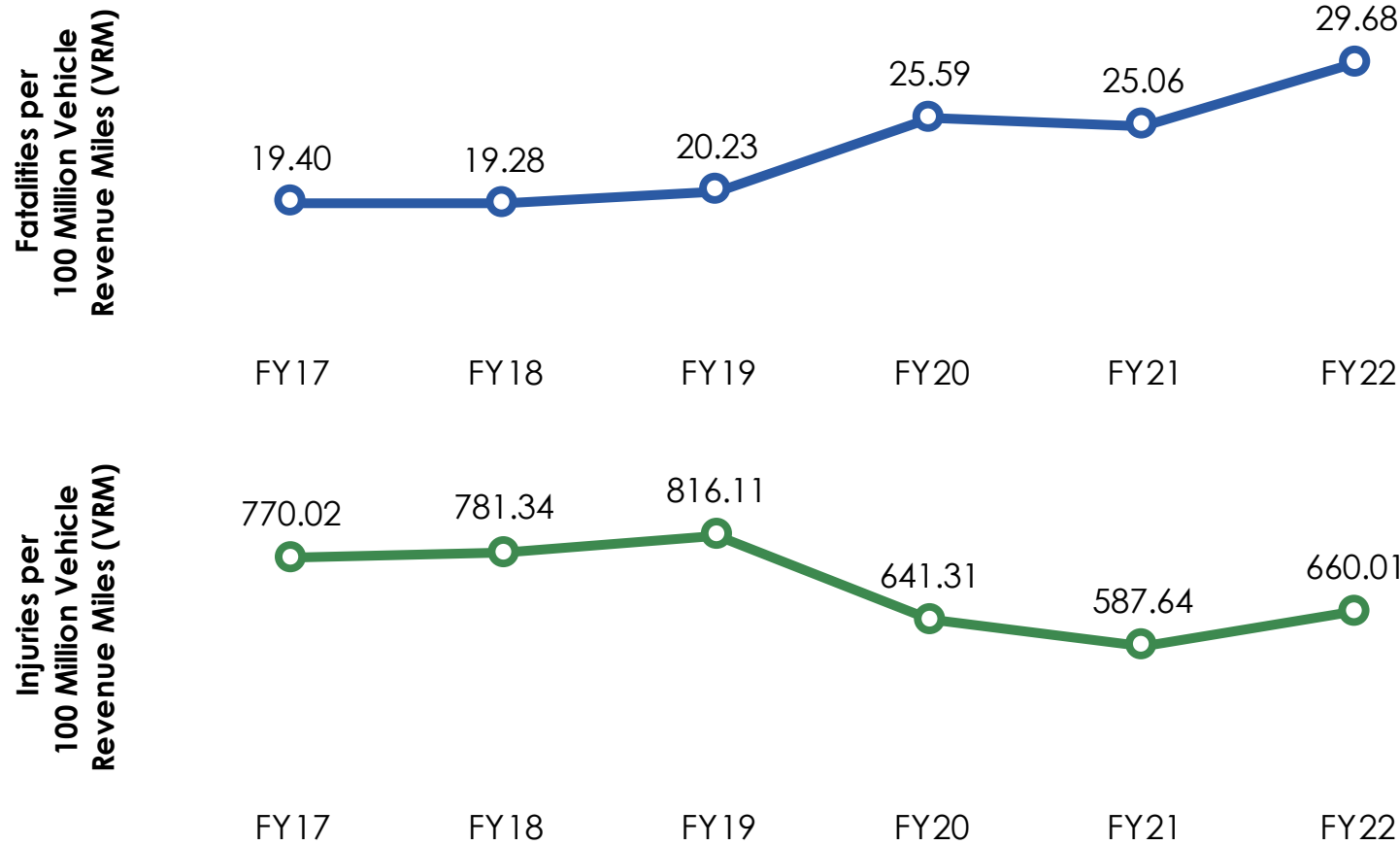


Current Safety Landscape

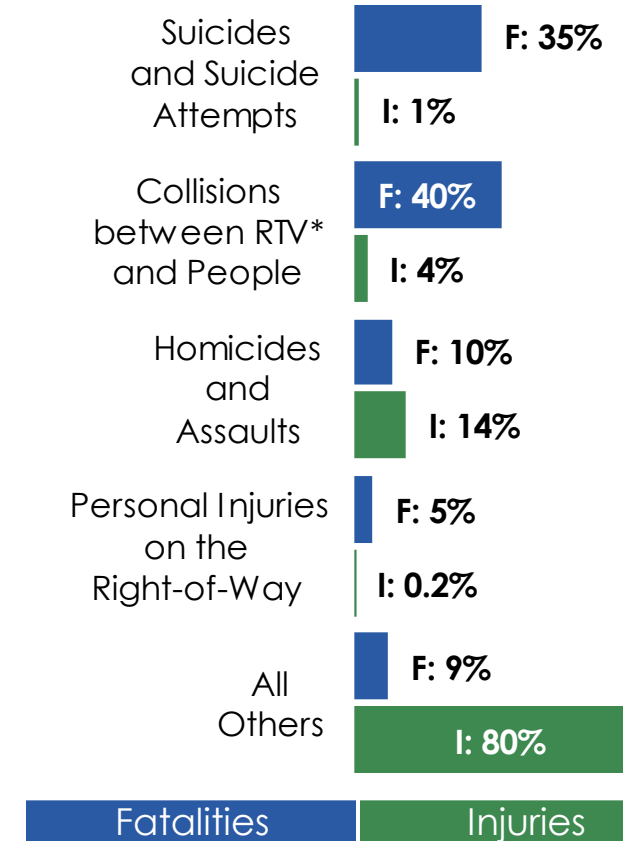
- FTA National Transit Database Data – 2021
 - 527 grade crossing collisions
 - 18 fatalities and 142 injuries
- Rail Safety Data Report
 - Increasing trend since at least 2007
 - <http://bit.ly/3E9gora>



Rail Transit Safety



Sources of Rail Fatalities



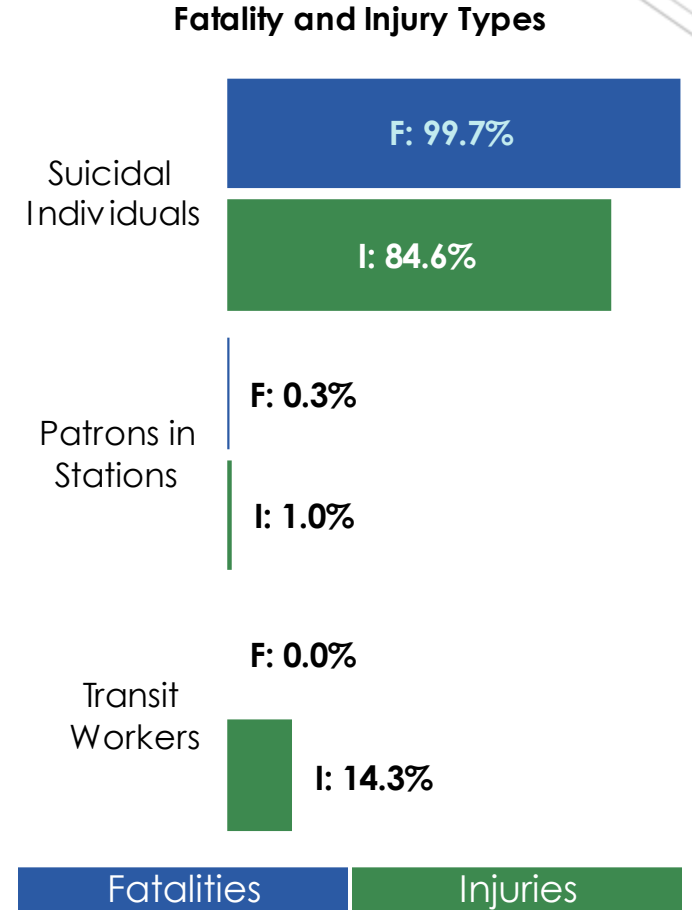
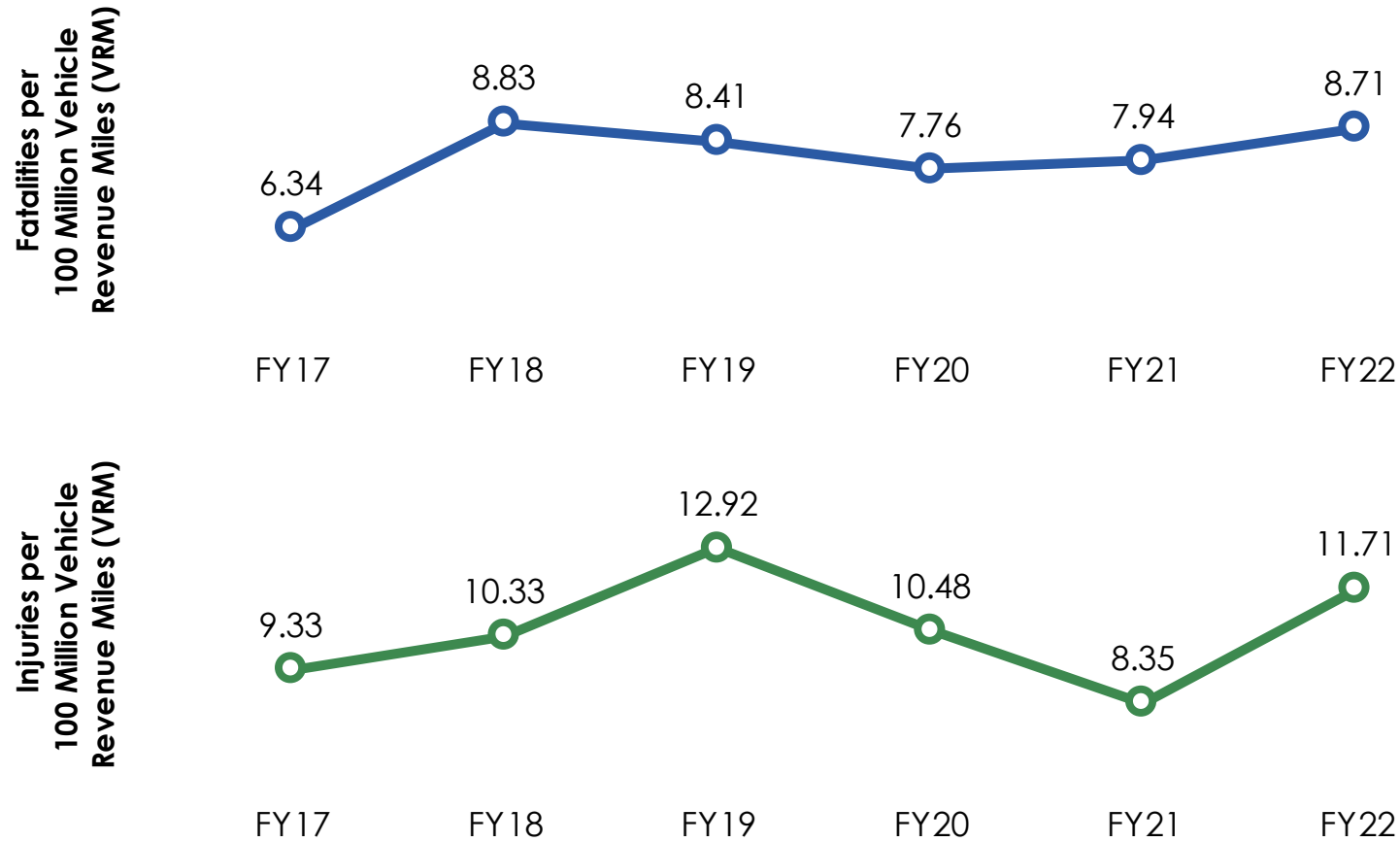
Source: National Transit Database (NTD)

FY 2022 data are preliminary

Data as of: May 2, 2023

**Rail Transit Vehicles*

Rail Safety Concern: Suicides

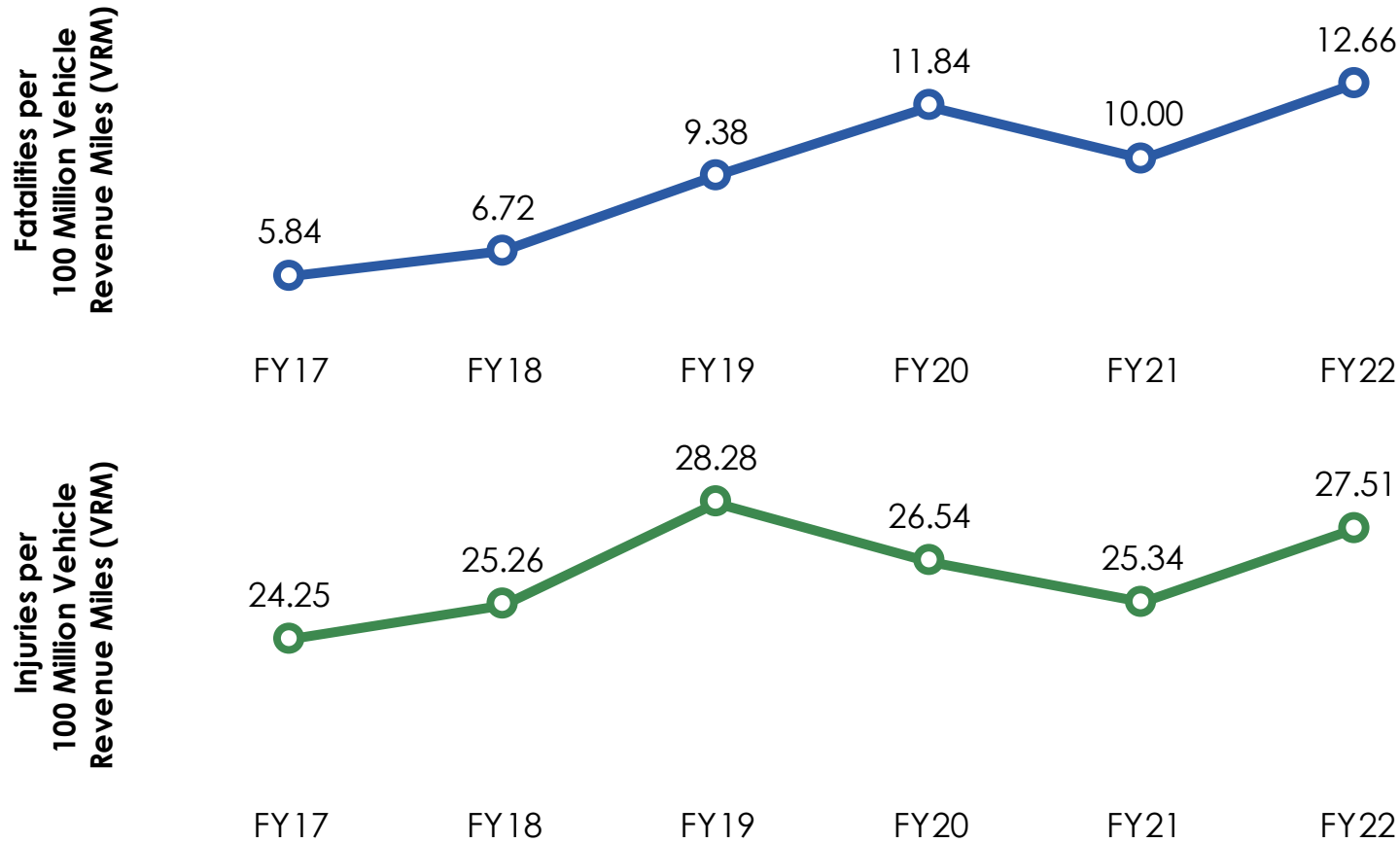


Source: National Transit Database (NTD)

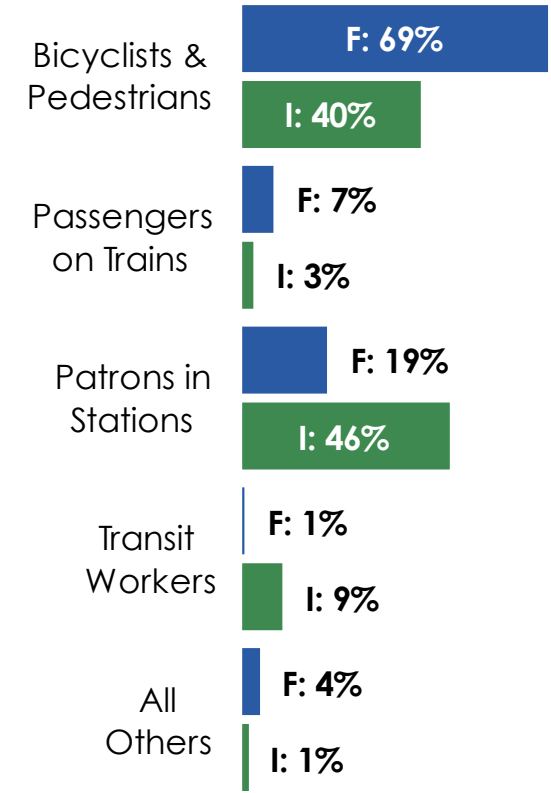
FY 2022 data are preliminary

Data as of: May 2, 2023

Rail Safety Concern: Collisions with People



Fatality and Injury Types

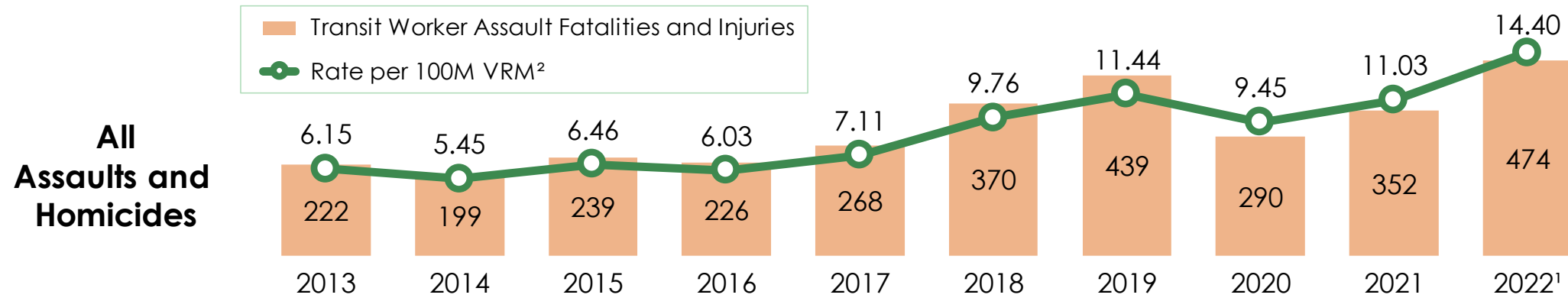


Source: National Transit Database (NTD)

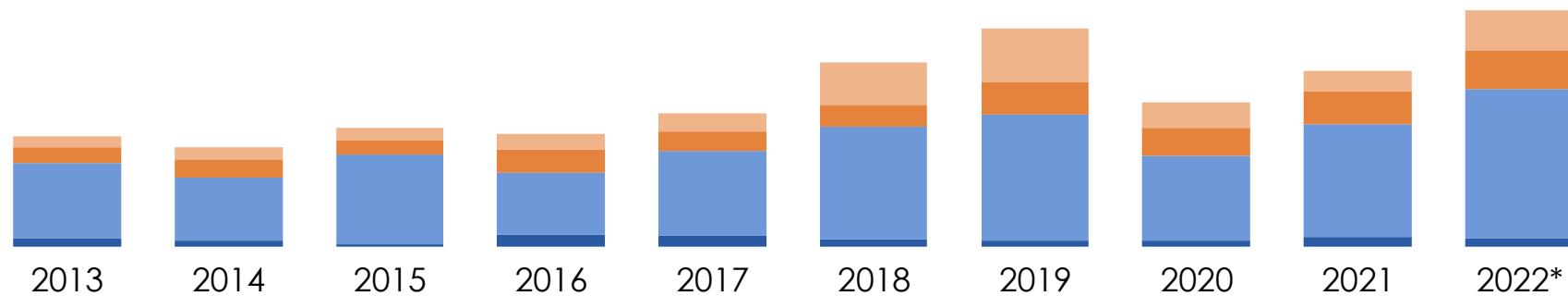
FY 2022 data are preliminary

Data as of: May 2, 2023

Transit Worker Assault Fatalities & Injuries, 2013–2022¹



By Mode and Location



Rail Vehicle	24	24	26	32	36	85	108	53	40	80
Rail Station	31	36	29	46	40	44	67	56	66	77
Bus Vehicle	151	127	179	123	171	227	252	169	228	300
Bus Station	16	12	5	25	21	14	12	12	18	17

Source: National Transit Database (NTD) submissions through 5/2/2023

¹2022 data are preliminary
²100M VRM = 100 Million Vehicle Revenue Miles

Special Directives: Required Actions Regarding Transit Worker Assault

[Special Directives](#) issued on October 4, 2022, to nine transit agencies who reported 79% of assaults on transit workers to the NTD between 2016 – 2021.

General	Agency contact information and Agency Safety Plan (ASP)
Safety Risk Assessment	Has agency performed safety risk assessment related to transit worker assault?
Safety Risk Mitigations	Has agency implemented safety risk mitigations to address transit worker assault risk, such as operator area protective barriers? If yes, status and available data on effectiveness?

Safety Risk Mitigations

Safety Risk Mitigation	# Agencies	Complete	In Progress
Operator Area Protective Barriers	9	5	4
De-Escalation Training Program	8	6	2
Video and Audio Surveillance	8	7	1
Policing Strategies	7	7	-
Operating Procedures and Training	6	6	-
Emergency/Silent Alarms	6	6	-
Automatic Vehicle Location	4	4	-
Communication Devices and Protocols	4	4	-
Public Awareness Campaigns	3	3	-
Surveillance/Penalty Signage	3	2	1

Expanded Assault Reporting

Federal Register Notice: [NTD Safety and Security Reporting Changes and Clarifications](#) published February 2023

Before NTD Updates	After NTD Updates
<ul style="list-style-type: none"> FTA collected only transit worker assault data that qualified as major events from full reporters to NTD Major events involve one or more fatalities or injuries requiring medical transport 	<ul style="list-style-type: none"> FTA will collect all transit worker assaults data for major and non-major events Non-major transit worker assaults will be collected in a summarized format

When do changes take effect?

Full Reporters	Small Reporters
CY 2023	NTD report year 2023



Public Review and Comment - PTASP NPRM

Review the PTASP NPRM and submit comments:

- <https://www.federalregister.gov/d/2023-08777>
- Or visit [federalregister.gov](https://www.federalregister.gov) and search for Docket Number **FTA-2023-0007**

[Tips For Submitting Effective Comments](#), published by Regulations.gov, offers tips to help the public submit comments that have an impact and help agency policy makers improve federal regulations.



[PTASP Notice of Proposed Rulemaking Overview Rulemaking Webinar](#)

De-Escalation Training Offerings

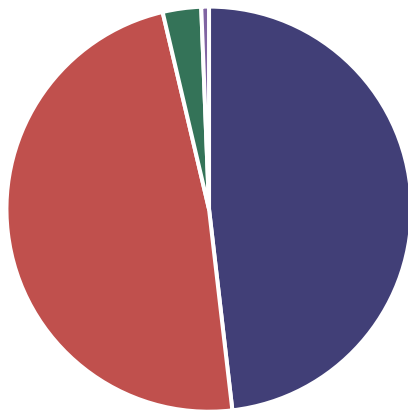


U.S. Department of Transportation
Federal Transit Administration

Assault Awareness and Prevention

- Available via On Demand Video
- Audience: Frontline employees at transit agencies who may experience assault incidents while on the job
- Provides knowledge and skills to reduce the likelihood of transit assaults

This video enhanced my ability to effectively communicate with passengers during a potentially difficult interaction.



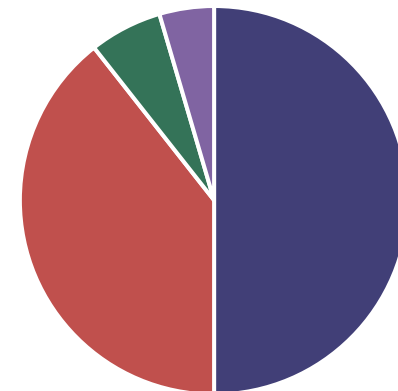
96% **Agree**
Or **Strongly Agree**

Violence in the Transit Workplace



- Available via On Demand Video
- Audience: Front-line employees, supervisors, managers, union representatives and all other employees who work in the transit industry
- Provides knowledge and skills required to prevent, respond, and recover from workplace violence

After this video, I have more confidence in my ability to interact with different, difficult, and dangerous people.



90% **Agree**
Or **Strongly Agree**



National Public Transportation Safety Plan

The proposed revisions will:

Safety Performance Measures

- Identify 7 new safety performance measures for all transit providers subject to the PTASP regulation, doubling the required safety performance targets that PTASP-applicable transit agencies must set.

Safety Risk Reduction Programs

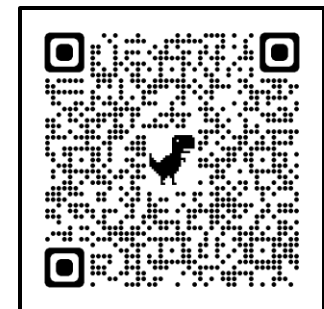
- Identify 8 measures required for safety risk reduction programs in transit agencies receiving Section 5307 funds and serving an urbanized area with a population of 200,000 or more.

Voluntary Minimum Safety Standards and Recommended Practices

- Include an updated listing of voluntary minimum safety performance standards for public transportation vehicles used in revenue operations

Open for
Comment Until
July 31, 2023

**Scan to Read and
Submit Comments**



Human Trafficking Awareness



Human Trafficking Awareness Resources

- [Safety4Transit Website](#)
- [Self Directed Human Trafficking Training Course](#)
- [Preventing Operator Assault Podcast Series](#)

Protecting Assets from Cyber Threats

- Cybersecurity Assessment Tool for Transit (CATT)

The goal of the CATT tool is to onboard public transit organizations to develop and strengthen their cybersecurity program to identify risks and prioritize activities to mitigate these risks




Cybersecurity Resources

- [Cybersecurity Resources for Transit Agencies](#)
- [Cybersecurity Assessment Tool for Transit \(CATT\)](#)
- [Cybersecurity Assessment Tool for Transit Webinar](#)

Public Safety

U.S. Department of Transportation
Federal Transit Administration

ENHANCED TRANSIT SAFETY AND CRIME PREVENTION INITIATIVE



AVAILABLE FUNDING

Urbanized Area Formula Grants Program (Section 5307), the Federal Transit Administration's (FTA's) largest formula program, supports public transportation in urbanized areas. Section 5307 recipients may provide funding for the following types of safety and security projects:

- Planning efforts that address rider or employee safety.
- Capital projects, including the construction of new facilities or the rehabilitation of existing facilities to promote increased sightlines. The purchase of vehicles with unique security features, such as operator shields, are also eligible.
- Crime prevention and security projects, including but not limited to:
 - Increased lighting in or adjacent to a public transportation system;
 - Increased camera surveillance; and
 - Intelligent transportation systems designed to improve the safety of the transit system.
- Public transportation safety and security operating assistance projects (for urbanized areas with a population of less than 200,000) that include but are not limited to:
 - Staff salaries for personnel exclusively involved with security;
 - Contracts for security services, including those with police departments; and
 - Any other operating projects intended to increase the safety and security of an existing or planned public transportation system, such as funding contracts or salaries of crisis intervention specialists.

Formula Grants for Rural Areas Program (Section 5311) provides formula funding to States for areas with a population of less than 50,000. Section 5311 can fund a variety of planning, operating, and capital expenses, which can be used to support the prevention of operator assaults.

State of Good Repair Grants Program (Section 5337) can also assist with funding capital security projects, including security equipment and systems. These projects must be included in a Transit Asset Management Plan.



Grants for Buses and Bus Facilities Program (Section 5339) provides capital funding for the purchase, rehabilitation, construction, or lease of buses, bus facilities and bus related equipment.

COVID 19 supplemental funding may be used for operating expenses and activities that improve the safety or security of the transit system, including those in large, urbanized areas. Capital expenses for safety and security projects are eligible if all applicable requirements pertaining to furloughs are met.

FTA supports research and technology projects to advance safety. Since 2015, FTA has awarded \$40 million dollars for 27 projects through its safety research programs.

FTA's grant programs:
<http://bit.ly/3fOzc6R>

FTA's safety research programs:
<http://bit.ly/3WMxyU0>



Enhanced Transit Safety and Crime Prevention Initiative

- [Enhanced Transit Safety and Crime Prevention Initiative](#)
- [Enhanced Transit Safety and Crime Prevention Initiative FTA Funding Sources Factsheet](#)

Questions

Joe DeLorenzo

Associate Administrator for Transit Safety and
Oversight & Chief Safety Officer
Federal Transit Administration
joseph.delorenzo@dot.gov





[TRANSIT.DOT.GOV](https://www.transit.dot.gov)