

Update to the Rail Safety Committee and Commuter Rail Safety & Security Subcommittee

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APTA Rail Conference

6/2/2024



U.S. Department of Transportation
Federal Transit Administration

Agenda

- Regulatory Update
- State of Rail Safety
- Assaults on Transit Workers
- Safety Risk Management Update
- Risk-Based Inspection Program
- National Roadway Safety Strategy



FTA Regulatory Agenda



FTA Regulatory Agenda

Rail Transit Roadway Worker Protection (RWP)



Transit Worker Hours of Service and Fatigue Risk Management



2024

Proposes minimum baseline standards and risk-based redundant protection requirements for transit workers who may access the roadway during performance of work.

**NPRM Comment Period Closed
May 24, 2024**

2024

Requested public feedback and information to understand current industry practices, priorities and requirements on transit worker hours of service and fatigue risk management.

FTA Guidance

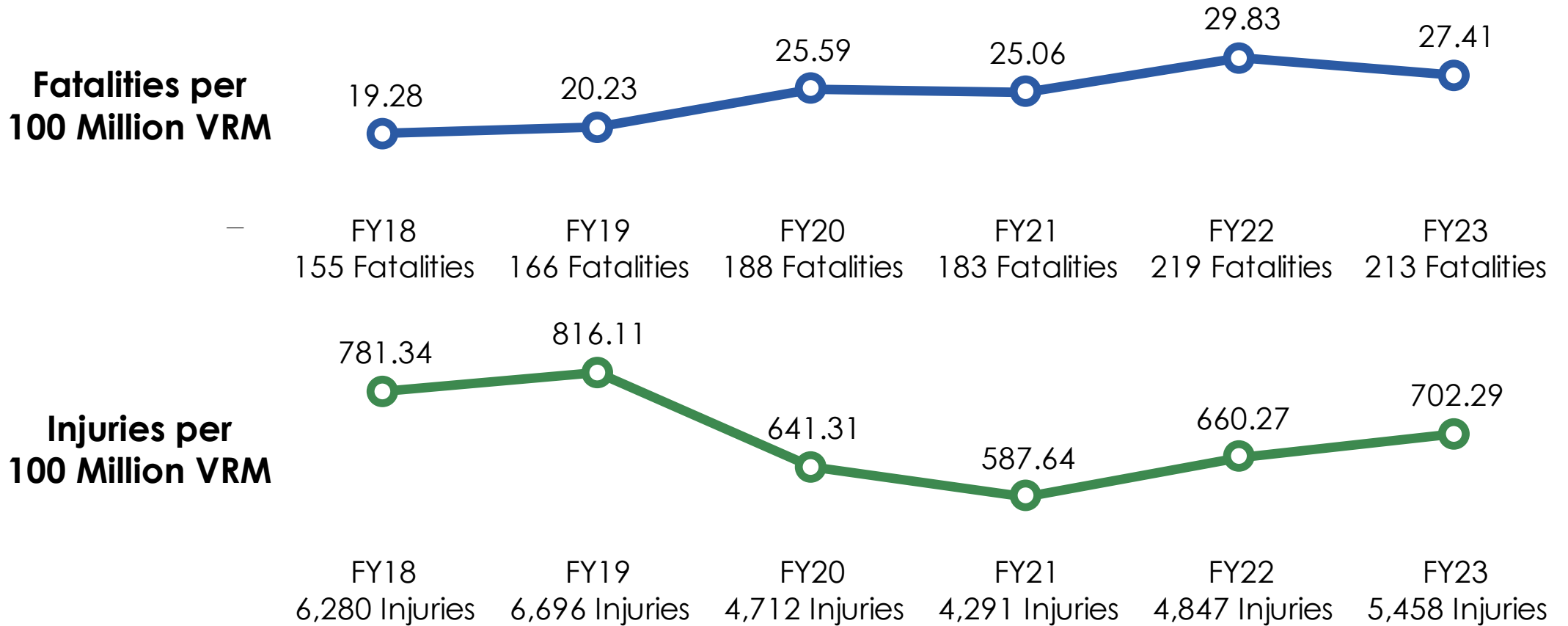
General Directive 24-1: Required Action on Assaults on Transit Workers

Proposes to require transit agencies that must have an Agency Safety Plan (ASP) as part of PTASP to conduct a safety risk assessment and provide results to FTA regarding assaults on transit workers.

Estimated Final Publication in 2024



State of Rail Transit Safety – Annual Trends



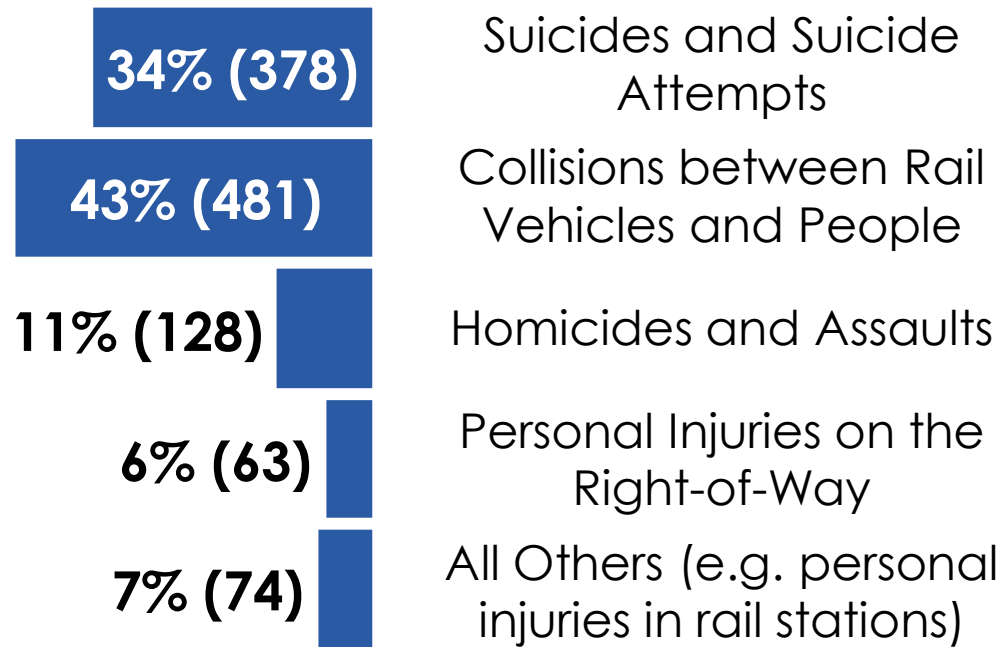
- **Source:** National Transit Database (NTD)
FY 2023 data are preliminary.

Data as of: Apr 2, 2024

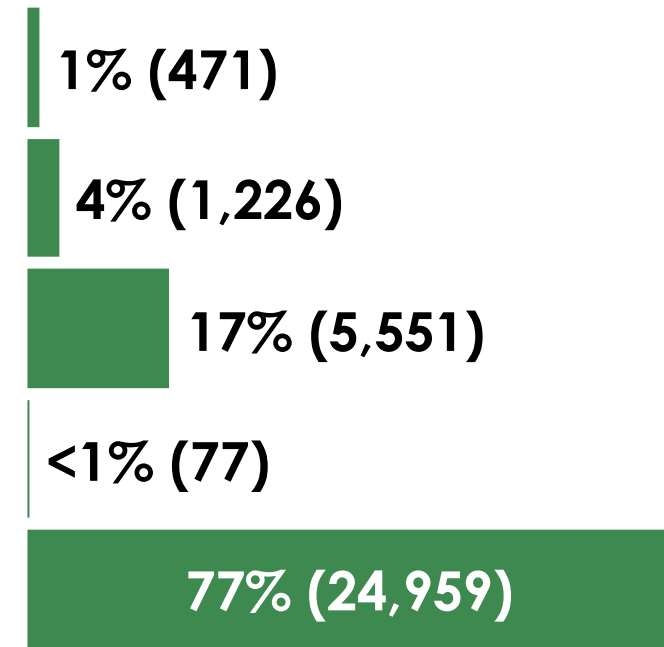
Sources of Rail Transit Fatalities and Injuries

Rail Transit Fatalities and Injuries by Source, Oct 2017–Sep 2023

Fatalities



Injuries



• **Source:** National Transit Database (NTD)

FY 2023 data are preliminary.

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Delinquency in Major Event (S&S-40) Reporting

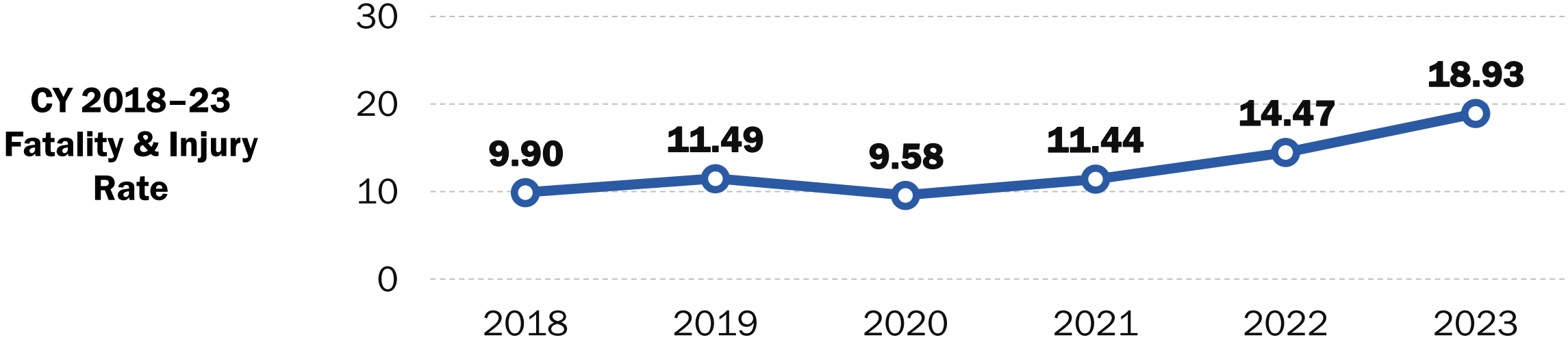
Full reporters are required to report major events to the National Transit Database (NTD) via form S&S-40 within 30 days of the event.

Over last five years - Only 35% of major safety and security events reported to the NTD within 30 days of the event.

Timely and accurate safety and security data needed.

Delinquent reporting inhibits ability to proactively mitigate safety risks.

Major Assaults on Transit Workers Fatalities & Injuries: CY 2018–23



	2018	2019	2020	2021	2022	2023
Events	374	435	292	345	463	656
Fatalities	0	1	1	11	2	2
Injuries	375	440	293	354	474	650

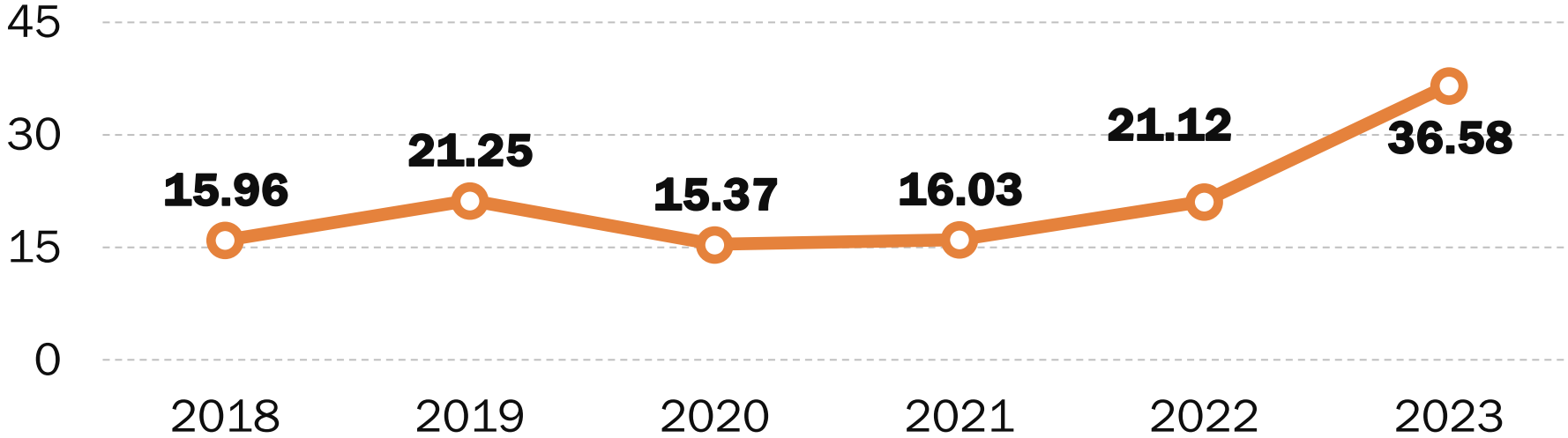
Source: National Transit Database (NTD). CY 2023 data are preliminary.
 Combined fatality and injury rate is calculated per 100 Million Vehicle Revenue Miles (100M VRM).

Data as of: Apr 2, 2024

Major Assaults on Transit Workers

Fatalities & Injuries on Rail: CY 2018–23

**CY 2018–23
Rail Fatality &
Injury Rate**



**Percentage of
Fatalities and
Injuries by
Location**

	2018	2019	2020	2021	2022	2023
Vehicle	66%	62%	49%	34%	51%	39%
Station	34%	38%	51%	56%	48%	61%
Other	0%	0%	0%	9%	1%	0%

Source: National Transit Database (NTD). CY 2023 data are preliminary.
Combined fatality and injury rate is calculated per 100 Million Vehicle Revenue Miles (100M VRM).

Data as of: Apr 2, 2024

New Transit Worker Assault Data Collection: 2023

Most events reported are non-physical assaults
All Reported Transit Worker Assaults and Homicides by Severity:
April–December 2023



Source: National Transit Database (NTD). CY 2023 data are preliminary.

*Starred categories are events that do not result in a transit worker fatality or injury.

Data as of: Apr 2, 2024

Assaults on Transit Workers: NTD Reporting Requirements

Full reporters

Report major events via form S&S-40 within 30 days of the event.
Report non-major events via form S&S-50 monthly.

Reduced reporters

Report major and non-major events via form S&S-60 annually, four months after the reporter's fiscal year expires.

New NTD Reporting Requires the Who, What, and Where of Assaults on Transit Workers.

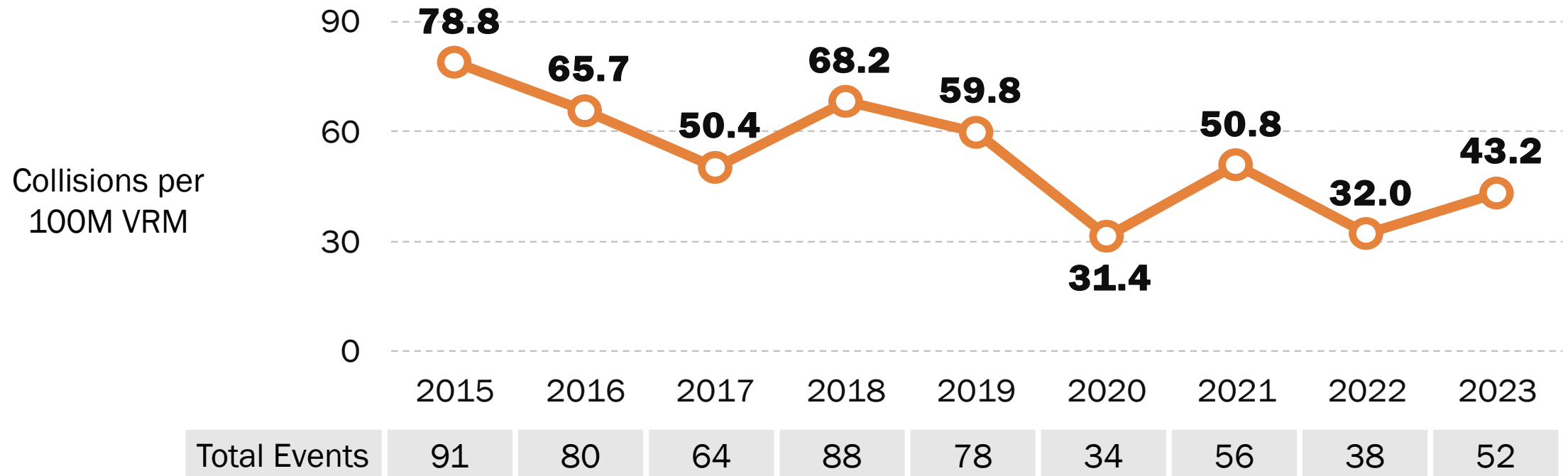
New Reporting Resources **Now Available!**

New Technical Resource Guides will support transit agencies with additional data reporting requirements.

Rail Collisions with People

The collision rate has generally decreased since 2015, but there was a 35 percent increase from 2022 to 2023.

Rate of Collisions with People, CY 2015–2023



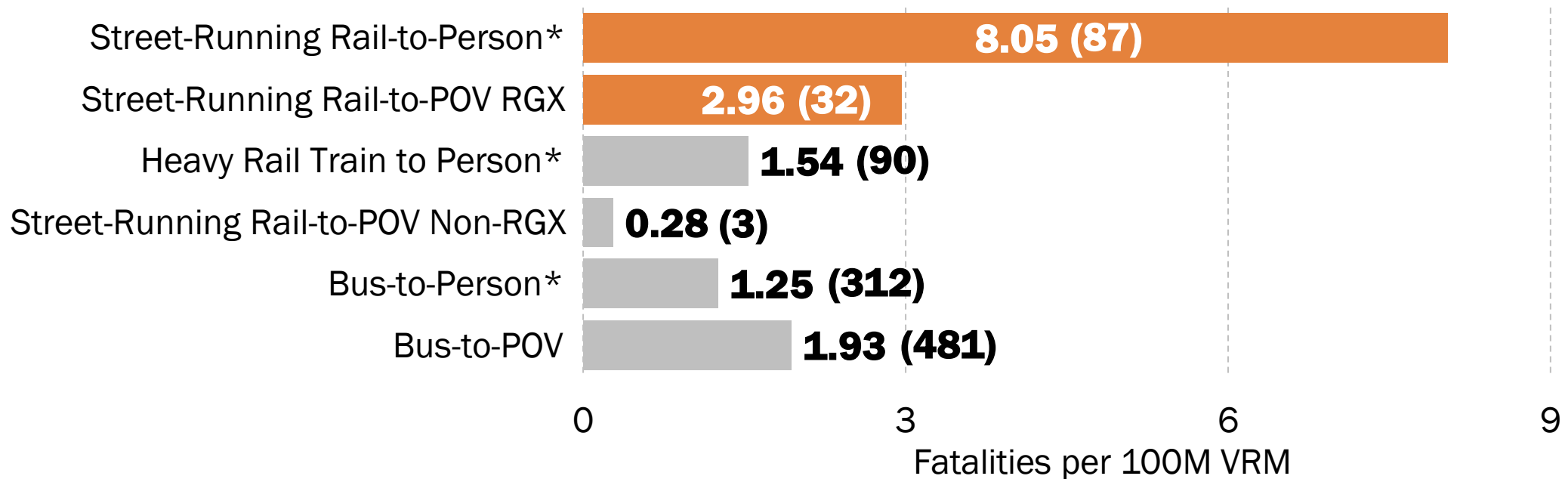
Source: NTD and State Safety Oversight Program Annual Reporting (SSO). 2023 data is preliminary.

Data as of: Apr 2, 2024

Transit Collision Fatality Rates by Collision Type

Street-running rail collisions with people and with POV at RGX account for the highest fatality rates, per 100 million VRM, among all frequently-reported transit collision types

Rate of Resulting Fatalities for Frequently-Reported Collision Types, CY 2015–2023



Source: NTD and State Safety Oversight Program Annual Reporting (SSO).

2023 data is preliminary. Total fatalities included in parentheses.

Data as of: Apr 2, 2024

*Person includes pedestrians, bicyclists, and micromobility users, excluding suicides and trespassers

Risk-Based Inspection (RBI) Program



Bipartisan Infrastructure Law mandate that requires all SSOAs to develop and implement an RBI program for the RTAs they oversee.

RBI programs analyze data to better focus resources on safety concerns and hazards associated with the highest levels of safety risk.

- FTA issued 31 special directives on October 21, 2022, requiring SSOAs to develop and begin to implement an RBI program in accordance with 49 U.S.C. § 5329(k) by October 21, 2024
- SSOAs are currently submitting RBI program plans to FTA for approval
- SSOAs will begin implementing their RBI programs this summer and fall

National Roadway Safety Strategy (NRSS) Call to Action Campaign



JOIN US **WE NEED YOU!**

- U.S. Department of Transportation's NRSS aims to significantly reduce serious injuries and deaths on our nation's roads and highways
- More than 160 Allies in Action support the Call to Action
- Agencies that are taking action:
 - Delaware Transit Corporation
 - Denver Regional Transportation District
 - San Francisco Municipal Transportation Agency

COMMIT TO **ZERO** FATALITIES

To make our roadways safer for everyone, we can't do it alone.

WE NEED YOU.



Visit the [NRSS webpage](#) for more information



Thank you!

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U.S. Department of Transportation
Federal Transit Administration