

# **Grade Crossing Safety, Trespassing & Suicide Prevention Workshop**

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APTA Rail Conference

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6/28/2025



U.S. Department of Transportation  
Federal Transit Administration

# Transit Rail Grade Crossing Incidents

**From 2018-2024**

**4,230**

**Total Reported  
Transit RGX  
Collisions**

**109**

**Collisions  
Resulting in  
Fatalities**

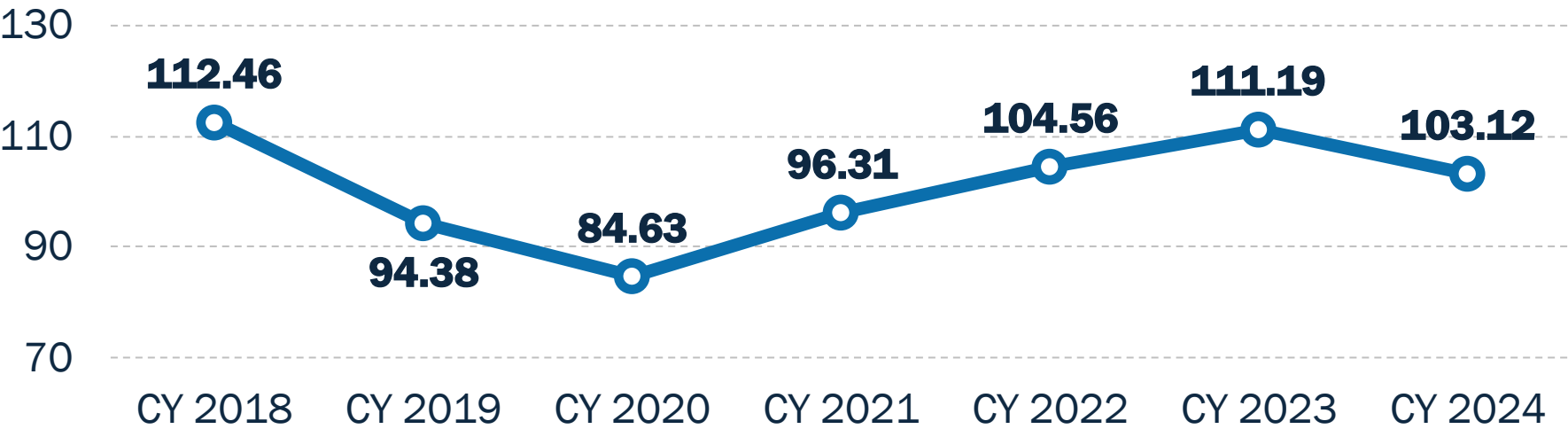
**783**

**Collisions  
Resulting in  
Injuries**

*2024 NTD data are preliminary.  
Source: National Transit Database (NTD). Data reflect submissions received through April 1, 2025.*

# Transit RGX Collision Trends

Transit RGX Collisions  
per 10 Million  
Train Revenue Miles



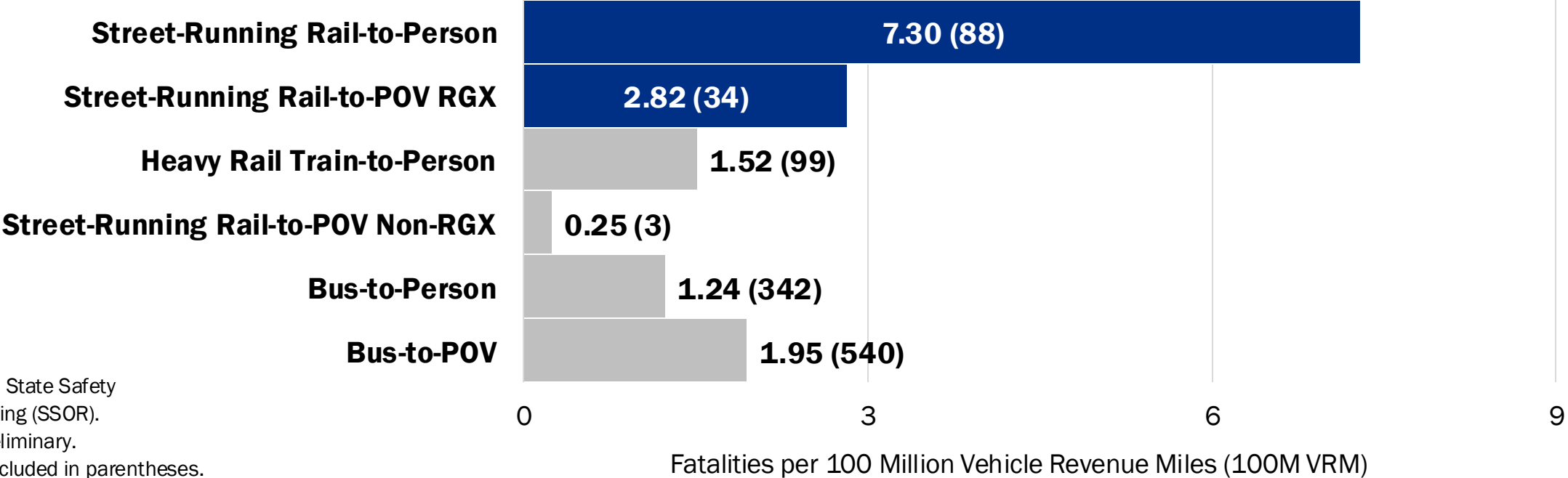
Collisions	733	620	458	522	607	655	635
Fatalities	16	15	12	17	19	16	18
Injuries	193	190	137	135	140	222	201

• **Source:** National Transit Database (NTD)  
CY 2024 data are preliminary.

# Safety Advisory 24-2: Street-Running Rail Vehicle Collisions

Street-running rail vehicle collisions result in fatalities at a higher rate than other frequently reported collision types, across all modes, in National Transit Database (NTD) data.

Fatality Rate for Frequently-Reported Collision Types,  
Calendar Year (CY) 2015 - 2024



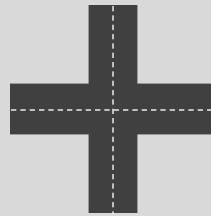
Source: NTD and State Safety Oversight Reporting (SSOR).  
2024 data is preliminary.  
Total fatalities included in parentheses.  
Data as of 6/2/25.

# Safety Advisory 24-2: Recommended Actions

FTA recommends that SSOAs direct RTAs to consider the factors below when developing safety risk assessments:



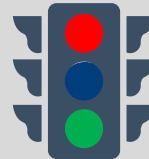
Higher risk locations



Roadway and intersection design



Queueing space for both POVs and persons



Roadways and intersection traffic control devices



Factors that may cause signals and other warning methods to be ineffective in encouraging safe behavior at shared ROWs and RGX



[View the Safety Advisory 24-2 Webpage](#)

# Rail Grade Crossing Safety Resources for Transit Agencies

NEW RESOURCES: Joint FTA-FMCSA *Don't Get Sidetracked* campaign, Spotlight on Rail Safety Webinar Presentation and RGX Safety Data Factsheet



[View FTA's RGX Safety Page](#)

A screenshot of the Federal Transit Administration (FTA) website. The header is blue with the FTA logo and name on the left, a search bar in the center, and navigation links for 'About', 'Funding', and 'Regulations &amp; Programs' on the right. A left-hand navigation menu lists various safety topics, with 'Rail Grade Crossing Safety Resources for Transit Agencies' highlighted. The main content area features a large photograph of a blue and yellow light rail train at a station platform. Below the photo, the title 'Rail Grade Crossing Safety Resources' is displayed, followed by a brief description: 'FTA is raising awareness on this important safety concern and supporting the transit industry by providing data to analyze the current safety landscape and historical trends and resources to educate and inform the public.' Navigation arrows are visible at the bottom of the image.

# Thank you!

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