



U.S. Department of Transportation
Federal Transit Administration

Transit Rail Grade Crossing Safety Data

SUMMARY

April 2025

TRANSIT RAIL GRADE CROSSING SAFETY LANDSCAPE

FTA analyzes data reported to the [National Transit Database](#) (NTD) to monitor transit rail grade crossing (RGX) incidents, injuries and fatalities.

2018 — 2024:

4,230

Total Reported
Collisions

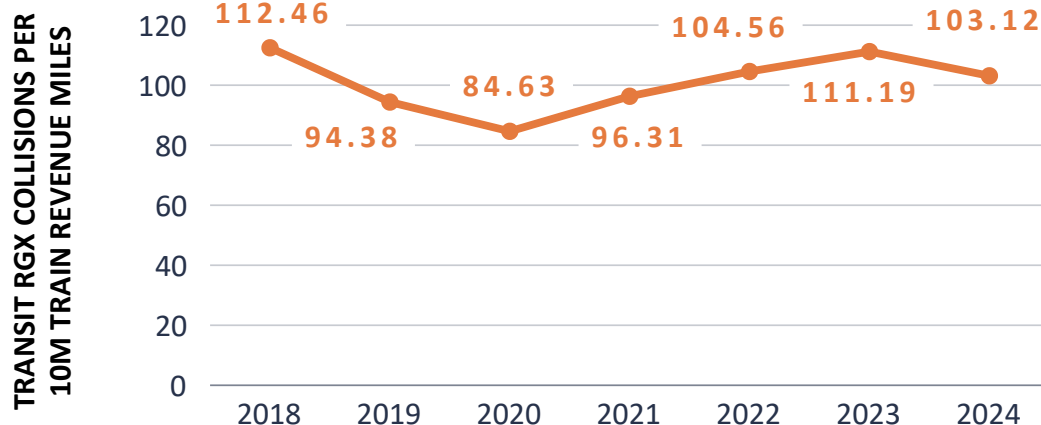
109

Collisions
Resulting in
Fatalities

783

Collisions
Resulting in
Injuries

TRANSIT RGX COLLISION TRENDS (2018 — 2024)



SUMMARY

The transit RGX collision rate per train revenue mile decreased each year from 2018-20. After 3 consecutive years of increases, the 2024 rate decreased from 2023.

2024 NTD data are preliminary.
Data reflects NTD event submissions through April 1, 2025.

INCIDENTS AND COLLISIONS DATA

Transit rail grade crossings are often different from conventional crossings due to the inclusion of pedestrians, cars and street traffic. During a recent FTA survey, incidents reported at street intersection crossings were approximately **10 times higher** than at conventional grade crossings.

Source: [FTA Standards Development Program: Rail Transit Roadway/Pedestrian Grade Crossing Exploratory Report](#) | May 2022.



Source: NTD, 2018-2024.