



2026 FTA STATE SAFETY OVERSIGHT AND RAIL TRANSIT AGENCY SAFETY WORKSHOP

March 25–27, 2026 | Arlington, VA



Session 15

Safety Data Trends

This session will provide a data update on overall transit safety performance and on safety topics that FTA is monitoring.

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Federal Transit Administration

Agenda

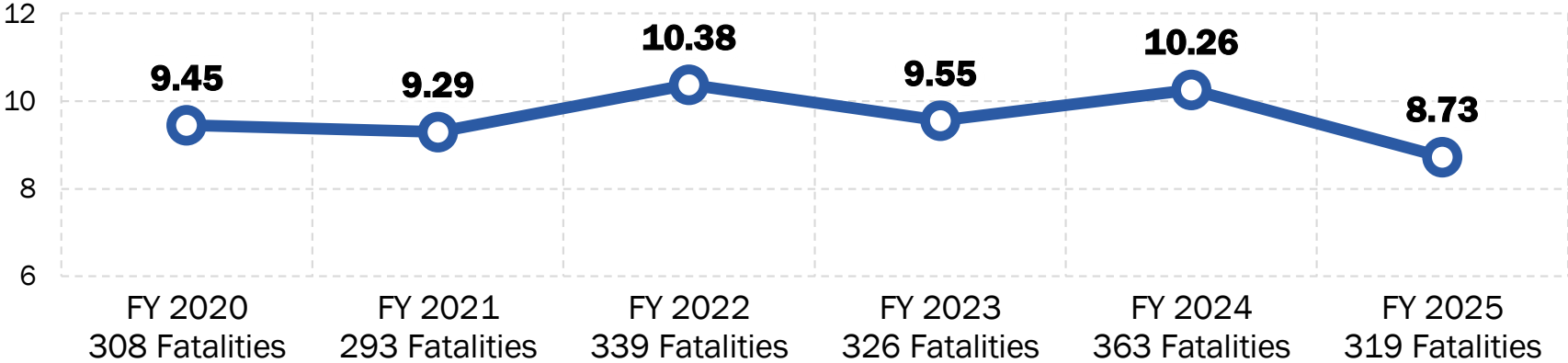
- Safety data trends overview
- Assaults on transit workers and riders
- Rail collisions
- Conclusion
- Q&A



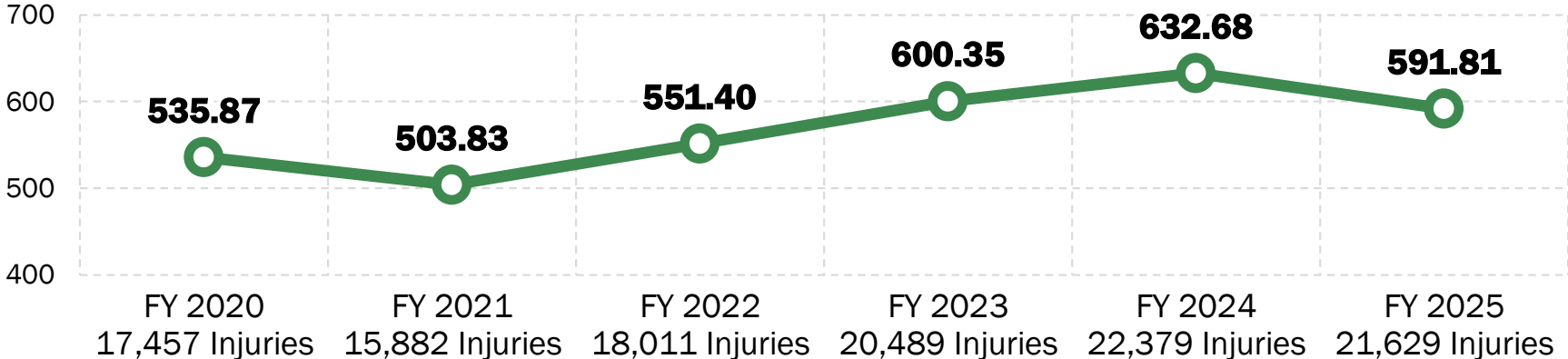
Safety Outcomes Overview

State of Transit Safety – Annual Trends

**Fatalities per
100 Million Vehicle
Revenue Miles
(VRM)**



**Injuries per
100 Million VRM**

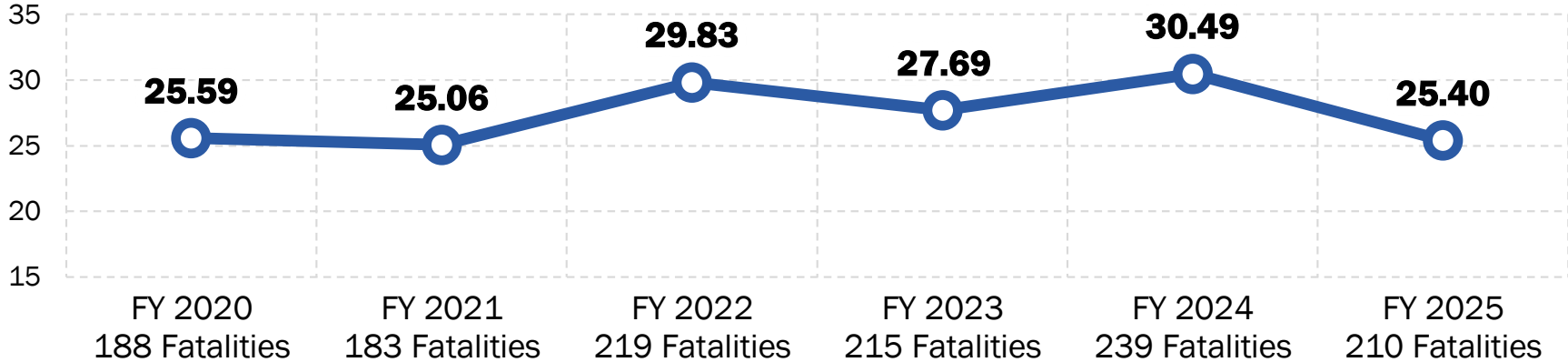


Source: National Transit Database (NTD)

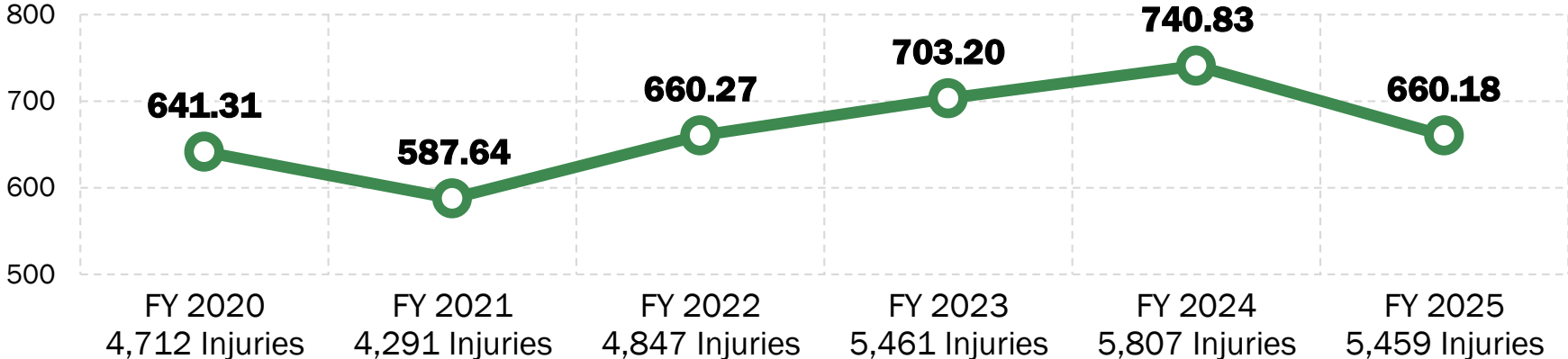
FY2025 data are preliminary.

State of Rail Transit Safety – Annual Trends

Fatalities per 100 Million VRM



Injuries per 100 Million VRM



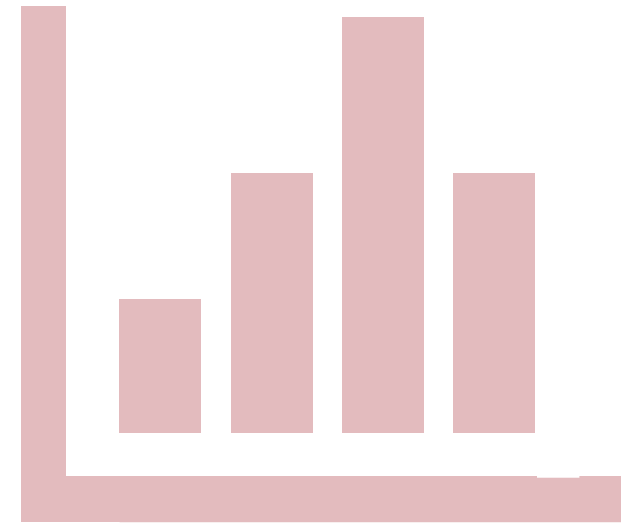
Source: National Transit Database (NTD)

FY2025 data are preliminary.



Safety Outcomes Overview

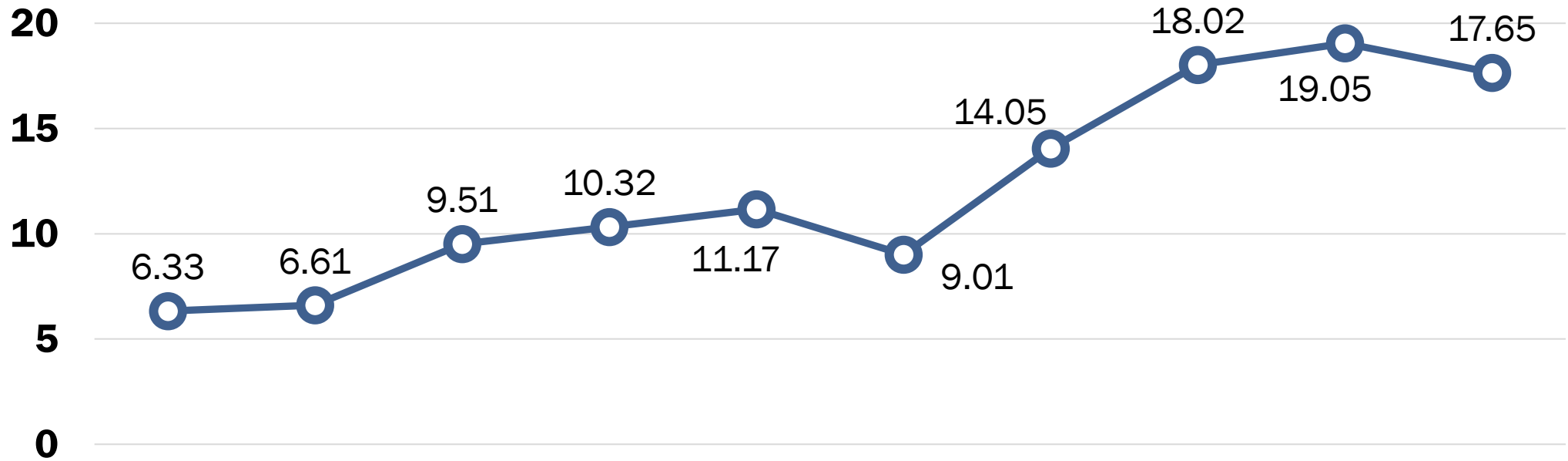
- Injuries and fatalities trended upwards from FY2021-2024
- Injuries and fatalities are all down relative to last fiscal year
 - Fatality rate dropped to the lowest level since FY21 for transit overall
 - Greatest year-over-year drop in rail transit injury and fatality rates in FY25



Transit Assault

Major Assaults on Transit Workers: FY 2016–25

Major Assault Events against Transit Workers per 100M VRM



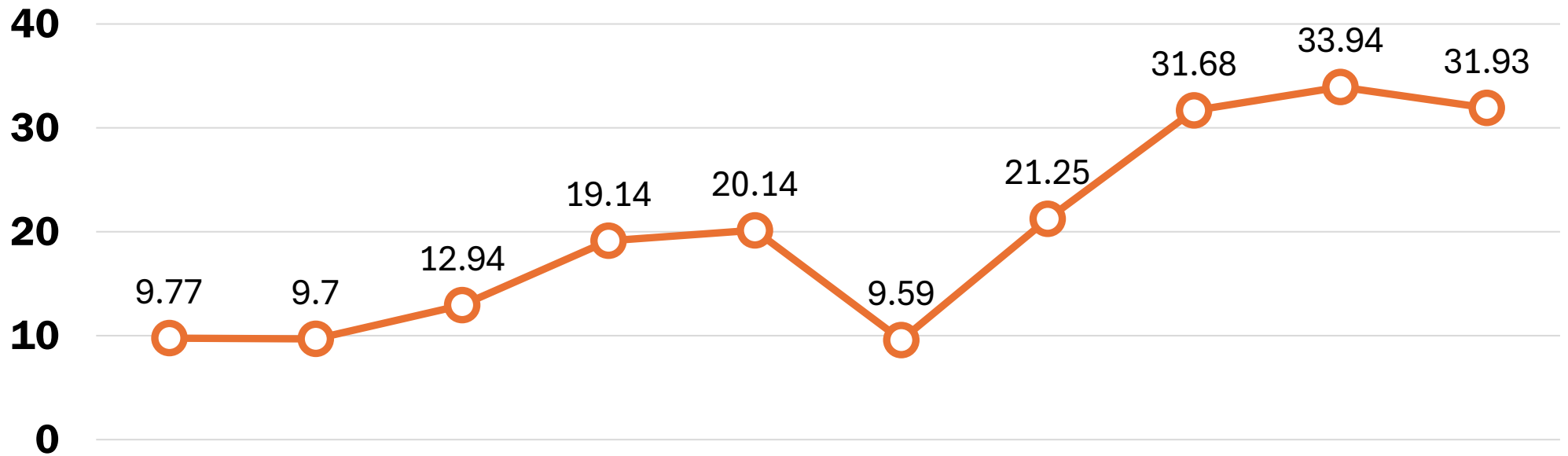
	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	FY25
Major Assaults	237	249	359	395	364	284	459	615	674	645
Injuries	243	254	360	399	368	290	469	656	722	688
Fatalities	0	0	0	1	0	12	1	3	4	2

Source: National Transit Database (NTD)

FY2025 data are preliminary.

Major Assaults on Rail Transit Workers: FY 2016–25

Major Assault Events against Rail Transit Workers per 100M VRM



	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	FY25
Major Assaults	77	78	104	157	148	70	156	246	266	264
Injuries	79	80	105	162	150	74	165	279	308	300
Fatalities	0	0	0	0	0	10	0	2	0	0

Source: National Transit Database (NTD)

FY2025 data are preliminary.

Trends for Transit Worker Assault on Transit

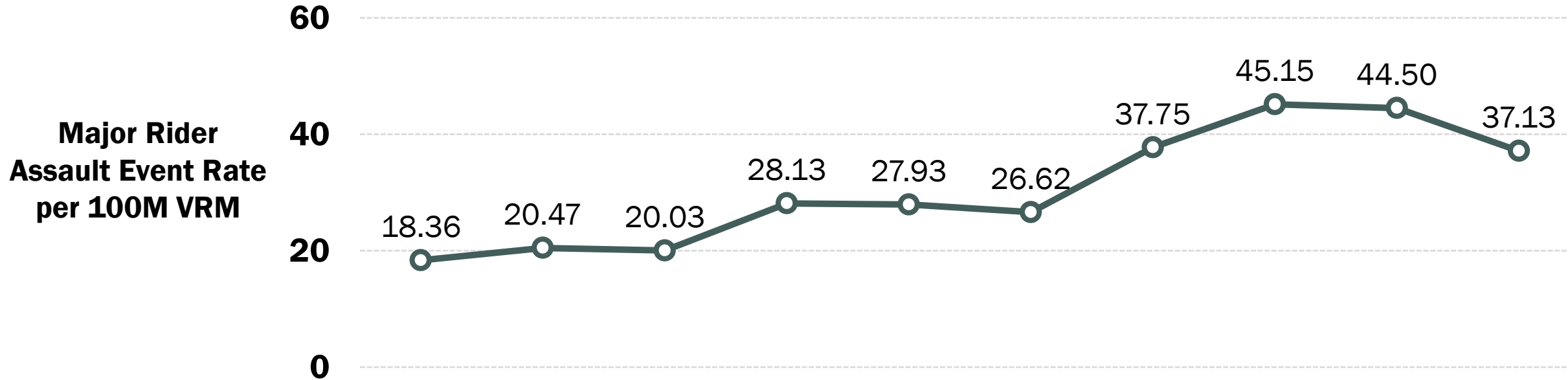


- **Transit worker assault continues to be an issue on transit**
 - Rail transit workers experiences a higher rate of assault compared to the overall industry
 - Zero rail transit worker assault fatalities since FY23



- **The number of assault events fell in FY 2025**
 - Reversed an ongoing upward trend
 - Major assaults remain elevated compared to earlier years in the time period

Major Rider Assaults Annual Trends: FY 2016–25



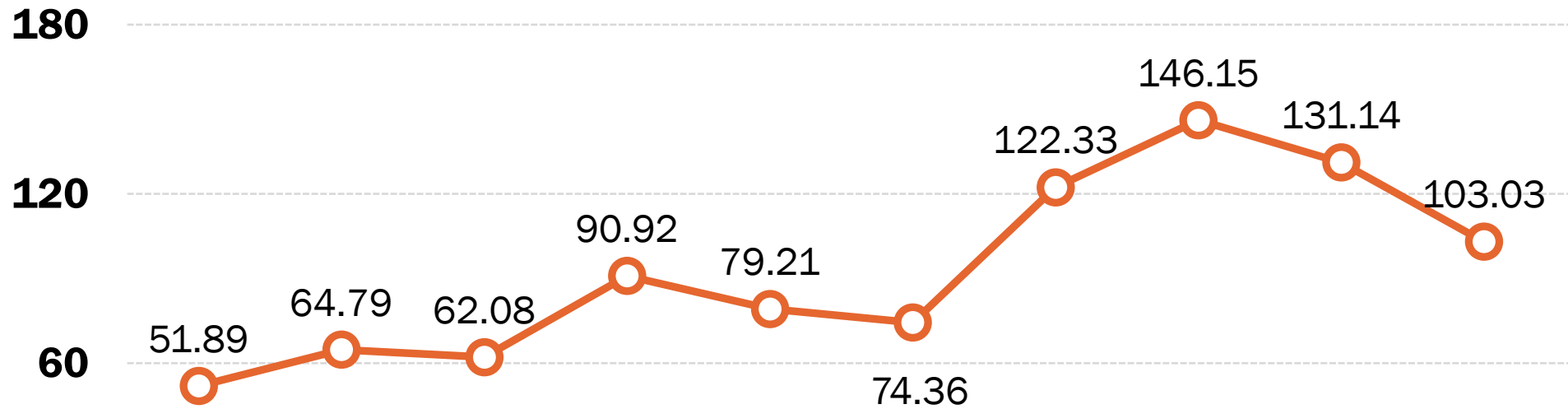
	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	FY25
Major Assaults	687	771	756	1077	910	839	1233	1541	1574	1357
Injuries	711	787	783	1135	921	854	1244	1579	1601	1389
Fatalities	18	23	12	10	28	26	40	42	44	29

Source: National Transit Database (NTD)

FY2025 data are preliminary.

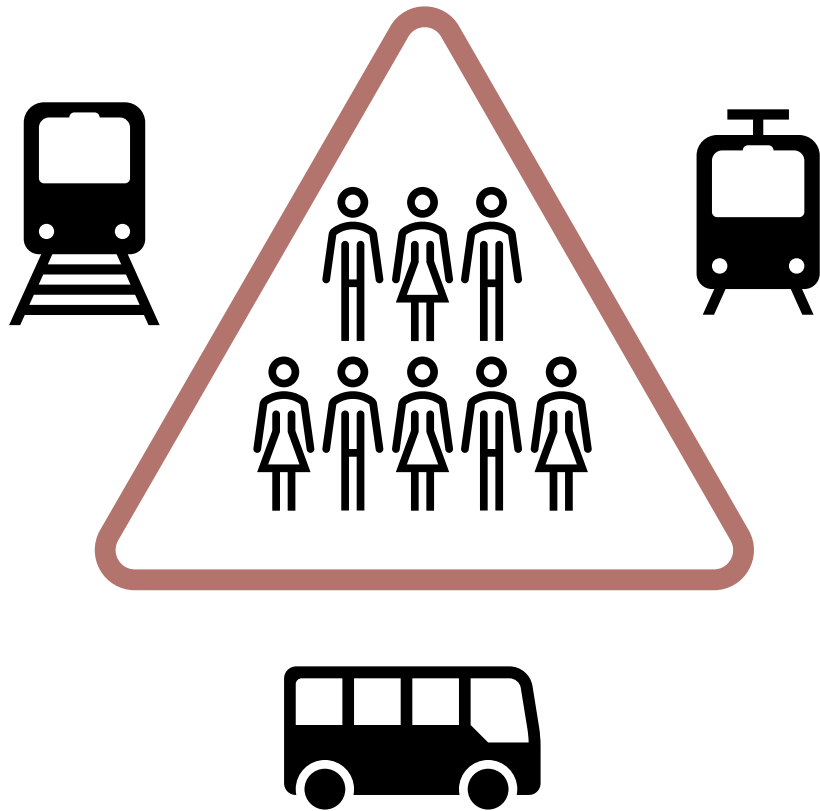
Major Rail Rider Assaults: FY 2016–25

**Major Assault
Events against
Rail Riders per
100M VRM**



	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	FY25
Major Assaults	409	521	499	746	582	543	898	1135	1028	852
Injuries	421	525	513	785	582	552	900	1157	1044	871
Fatalities	12	15	7	7	21	17	31	33	29	17

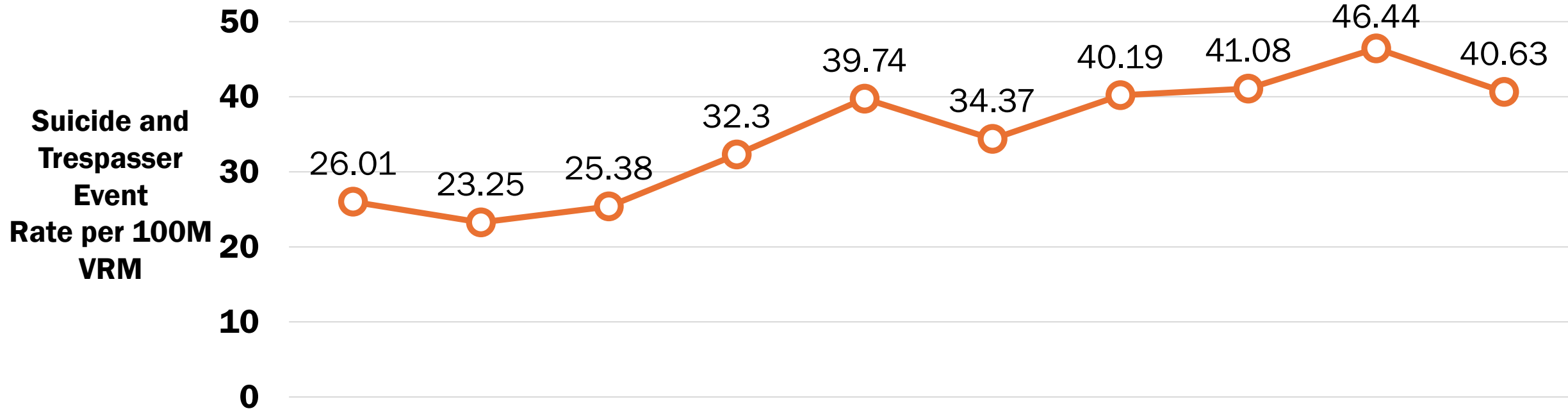
Trends for Rider Assault on Transit



- The number of rider assault events, fatalities and injuries all fell in FY 2025
 - Continued a promising downward trend
 - Still elevated relative to years prior to 2022
- The rate of rider assaults recorded is much higher on rail systems than in the transit industry overall

Rail Collision Events

Rail Suicide and Trespasser Events: FY 2016-25



	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	FY25
Events	205	187	204	265	292	251	295	319	364	336
Fatalities	98	88	100	127	134	132	150	153	185	167

Source: National Transit Database (NTD), State Safety Oversight Reporting tool (SSOR), State Safety Oversight Program Legacy Event Data

Notes: FY 2025 data is preliminary.

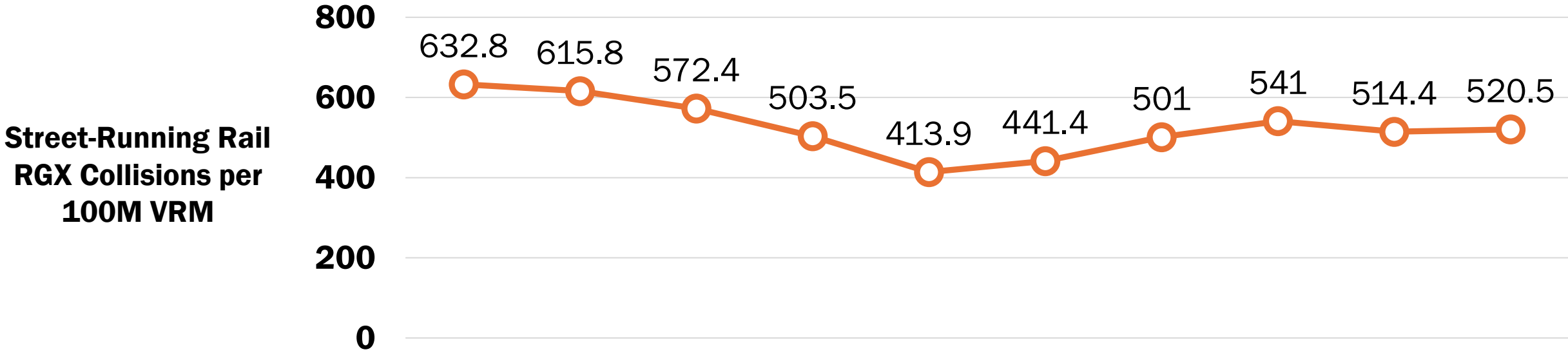
Suicide and Trespasser Events

- **Suicide and trespass on the rise over the last decade**
 - Leading cause of fatalities on transit
 - Safety Advisory 25-1 issued in Fall 2025 recommending SSOAs direct RTAs to conduct a safety risk assessment

Suicide and trespass related events account for **52% of all transit-related fatalities in fiscal year 2025.**



Street-Running Rail RGX Collisions: FY 2016–25



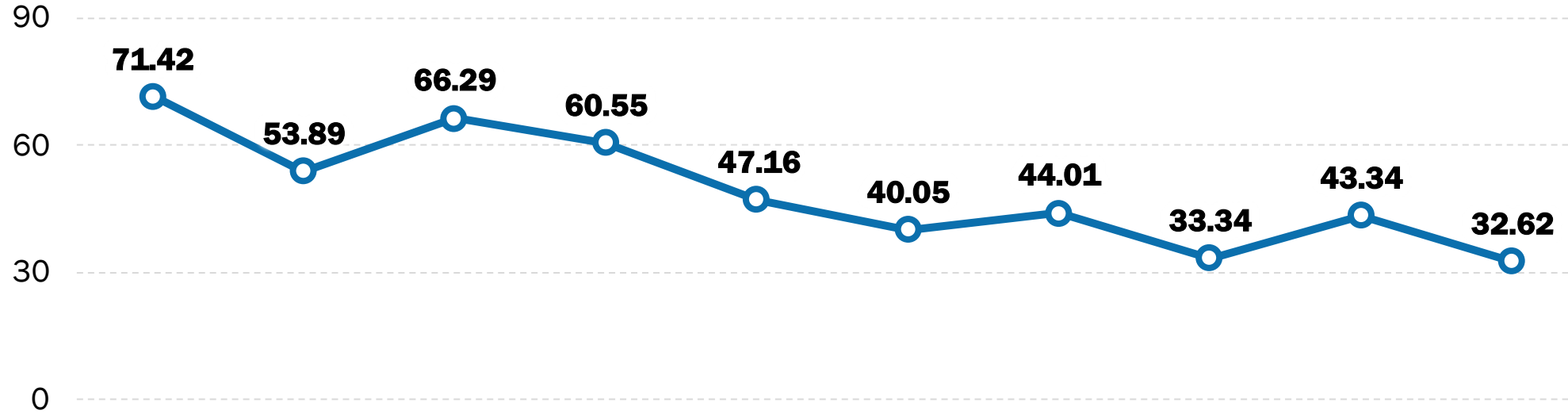
	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	FY25
Events	762	777	734	657	474	474	592	649	629	686
Injuries	256	242	201	195	144	114	136	220	185	214
Fatalities	15	17	10	11	11	9	18	11	14	15

Source: National Transit Database (NTD)

FY2025 data are preliminary.

Street-Running Rail-to-Person Collisions: FY 2015–25

**Collision
Event Rate
per
100 Million Vehicle
Revenue Miles**



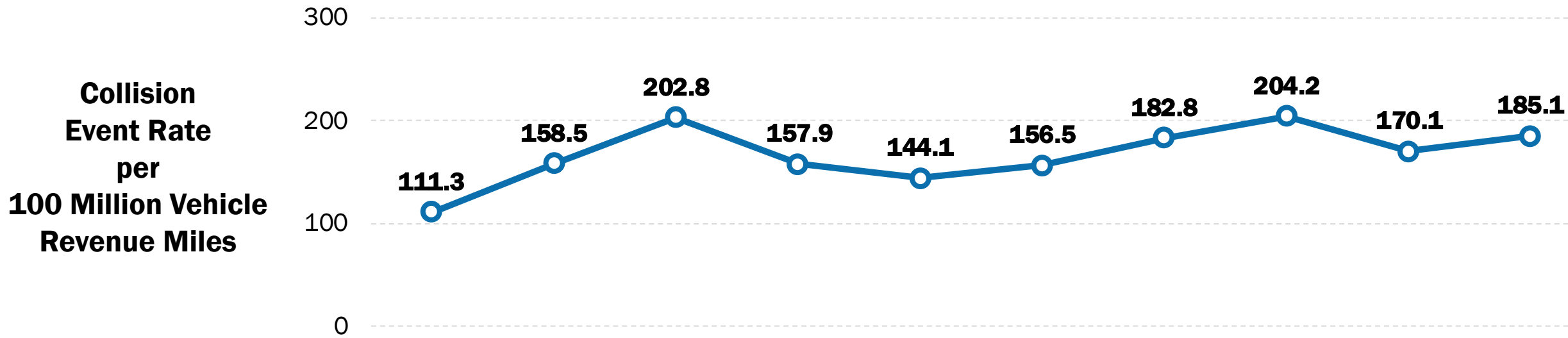
**Raw Event,
Fatality,
and Injury
Counts**

	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	FY25
Collisions	86	68	85	79	54	43	52	40	53	43
Injuries	72	59	73	72	48	39	46	36	48	39
Fatalities	12	12	12	11	7	5	7	4	6	4

Source: National Transit Database (NTD); State Safety Oversight Reporting tool (SSOR), State Safety Oversight Program Legacy Event Data

Notes: FY 2025 data is preliminary.

Street-Running Rail-to-POV at RGX Collisions: FY 2015–25



	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	FY25
Raw Event, Fatality, and Injury Counts										
Collisions	134	200	260	206	165	168	216	245	208	244
Injuries	202	183	163	143	115	89	98	160	128	159
Fatalities	4	5	3	1	4	4	2	4	2	1

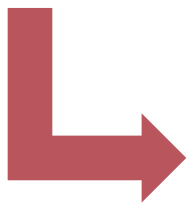
Source: National Transit Database (NTD); State Safety Oversight Reporting tool (SSOR), State Safety Oversight Program Legacy Event Data

Notes: FY 2025 data is through June 2025. FY 2025 data is preliminary.

Street-Running Rail Collisions

- Street-running rail at RGX collisions are on the rise after a decline from FY16-FY20

Safety Advisory 24-2 issued in 2024 recommending that SSOAs direct RTAs to conduct Safety Risk Assessments that consider common street-running rail collision factors



- Event rate fell for street-running rail to person events, rose for street-running rail to POV at RGX
 - Fatalities fell for both event types

Roadway Worker Protection

RWP Events Per Year	FY 2023	FY 2024	FY 2025
	10	12	16

	FY 2023	FY 2024	FY 2025
Fatalities – Operator	0	0	1
Fatalities – Other Worker	2	1	0
Injuries – Operator	0	4	7
Injuries – Other Worker	11	12	11
Total	13	17	19

State of Transit Safety: FY24 vs FY25

12%
decrease

- Fatalities

2%
decrease

- Injuries

State of Rail Safety: FY24 vs FY25

12%
decrease

- Fatalities

6%
decrease

- Injuries

State of Rail Safety: FY24 vs FY25

18%

decrease

- Rail transit assault event rate

13%

decrease

- Suicide and trespass event rate

1%

increase

- Street-running rail RGX collision rate

12%

increase

- Roadway worker fatalities and injuries

Q&A

Contact Information

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