# **Bus and Pedestrian Safety** at **FTA**

Joe DeLorenzo Associate Administrator and Chief Safety Officer Office of Transit Safety and Oversight (TSO)

4/8/2024



#### Agenda

- Safety Data at FTA
- Bus Safety Programs
- National Roadway Safety Strategy (NRSS) Call to Action Campaign

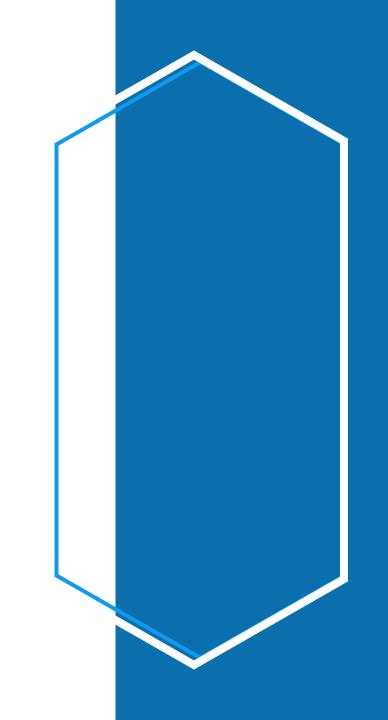




# Safety Data at FTA

National Transit Database and Applications at FTA

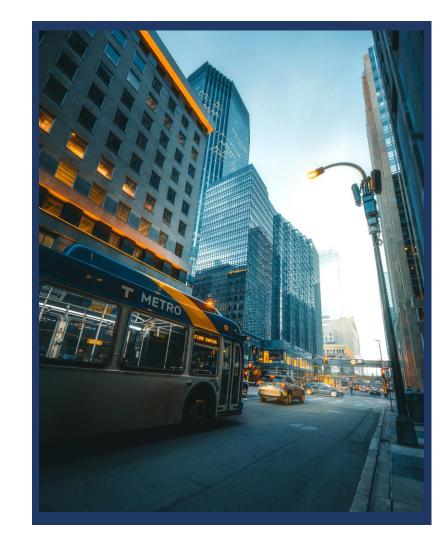




## **National Transit Database (NTD)**

- Over 3,000 bus and rail transit agencies that receive Federal grant money
- Safety and Security (S&S) reporting includes:
  - $\circ\;$  injuries, fatalities, and property damage
  - collisions, fires, security events, and other safety events
- FTA uses NTD data for trend analysis and engagement with transit agencies

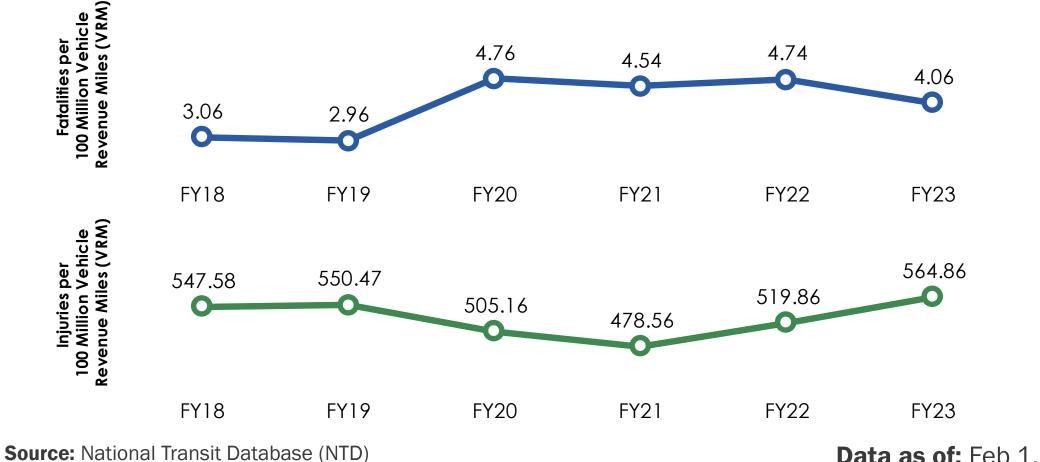
Visit https://www.transit.dot.gov/ntd for more information





## **State of Bus Transit Safety – Annual Trends**

Fatality and injury rates have increased significantly since FY19.



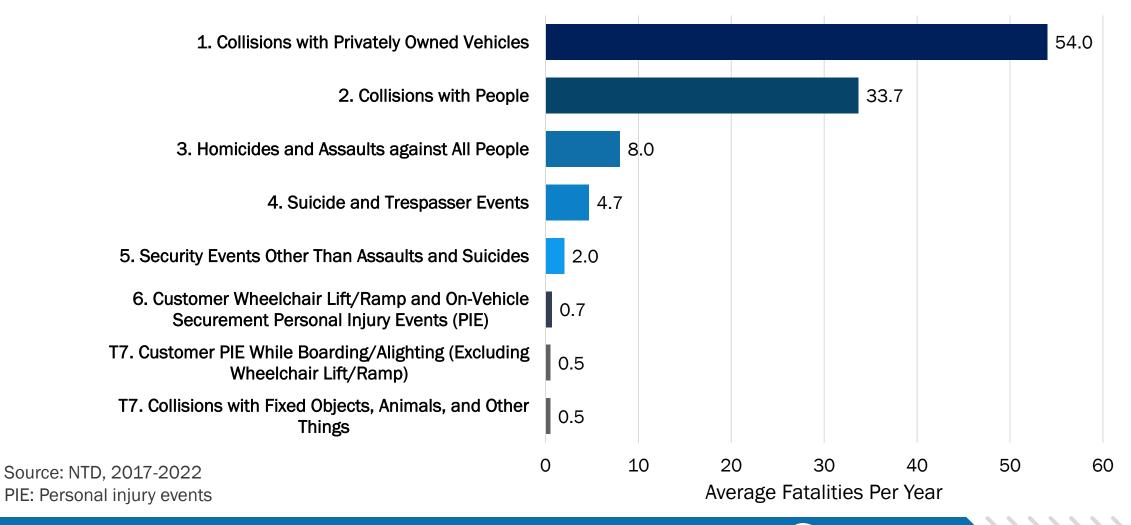
FY 2022–23 data is preliminary.

**Data as of:** Feb 1, 2024



## **Bus Top Safety Concerns by Annual Fatalities**

#### NTD data analysis of bus mode average fatalities per year from 2017 to 2022.

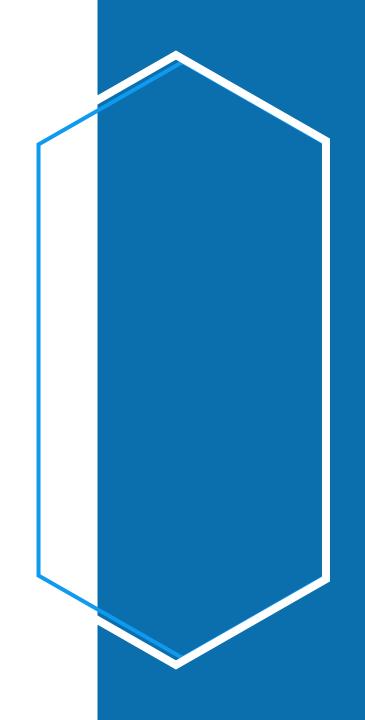




# **Bus Safety Programs**

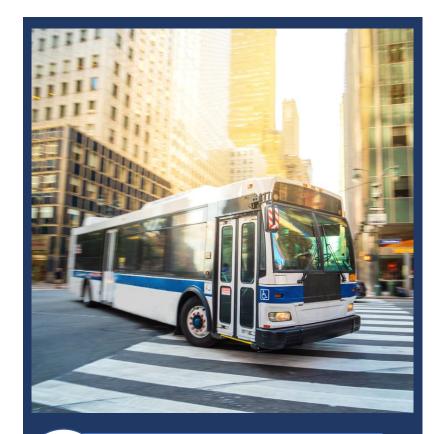
Safety Advisory 23-1 and Future Initiatives

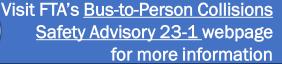




## **Safety Advisory 23-1 Overview**

- **Distribution:** Published in the Federal Register
- Effective Date: September 19, 2023  $\bullet$
- Audience: Agencies that provide bus service
- **Overview:** Recommends transit agencies that provide bus service:
  - Consider mitigation strategies to reduce bus-to-person collisions
  - Identify specific hazards that may cause or contribute to bus-to-person collisions
  - Assess the associated safety risk
  - Implement appropriate mitigations to reduce the likelihood and severity of those collisions





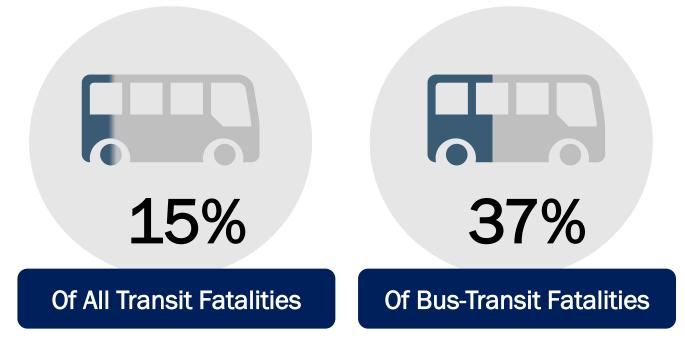


## **Purpose of Safety Advisory 23-1: The Data**



From 2008 to 2021, transit agencies reported **7,298 busto-person collisions** to the National Transit Database, which resulted in **537 fatalities** and **7,329 injuries** 

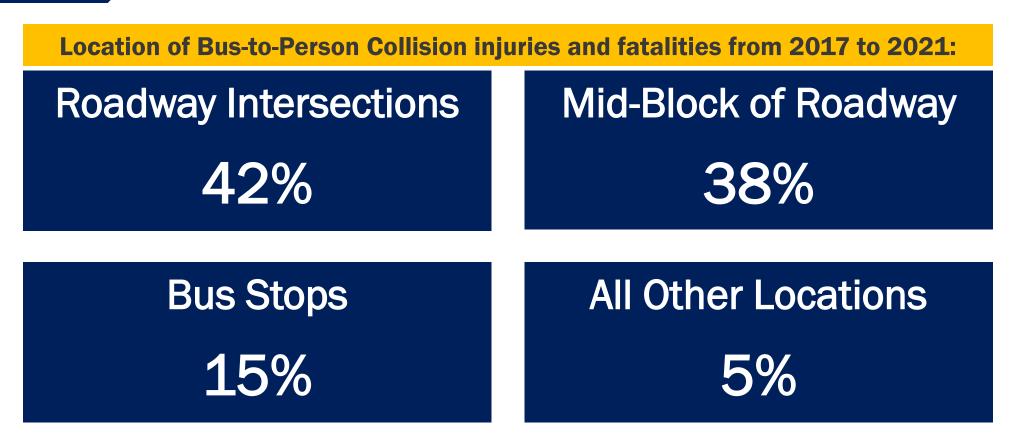
#### **Bus-to-person collisions accounted for:**





## **Injuries and Fatalities by Location**

Injuries and **Fatalities** 



Source: National Transit Database, 2017–2021



Department of Transportatio ederal Transit Administration

### **Roadway Intersection Injuries and Fatalities**

Injuries and Roadway Fatalities

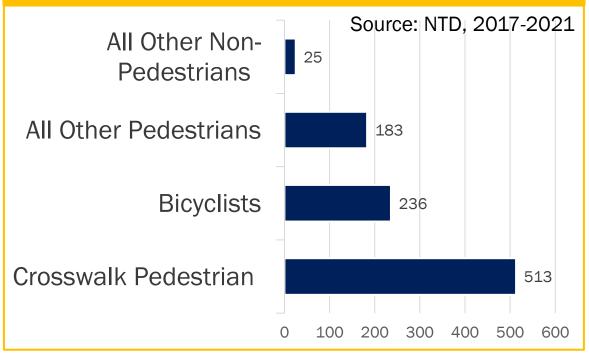
Intersections

54%

of roadway intersection injuries and fatalities were with crosswalk pedestrians



#### **Intersection Bus-to-Person Collision Injuries and Fatalities (957) by Type**





### **Crosswalk Pedestrian Injuries and Fatalities**

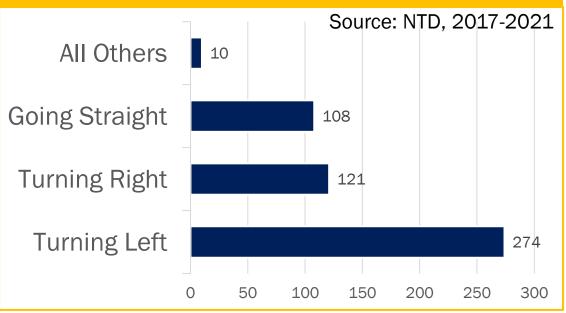
Injuries andRoadwayCrosswalkFatalitiesIntersectionsPedestrian

53%

of crosswalk pedestrian injuries and fatalities occur when buses are turning left



#### Crosswalk Pedestrian Injuries and Fatalities (513) from Intersection Collisions





### **Future Bus Safety Collision Prevention Initiatives**



Bus Manufacturers Roundtable

**Online-based** safety manager training covering best practices

Research dedicated to bus design standards and best practices

Research on causal factors of bus-to-POV collisions



## National Roadway Safety Strategy (NRSS) Call to Action Campaign

- U.S. Department of Transportation's NRSS aims to significantly reduce serious injuries and deaths on our nation's roads and highways
- Call to Action campaign launched in February 2023
- More than 160 Allies in Action support the Call to Action
- Nearly 95% of transportation deaths occur on streets, roads, and highways



Visit the <u>NRSS webpage</u> for more information

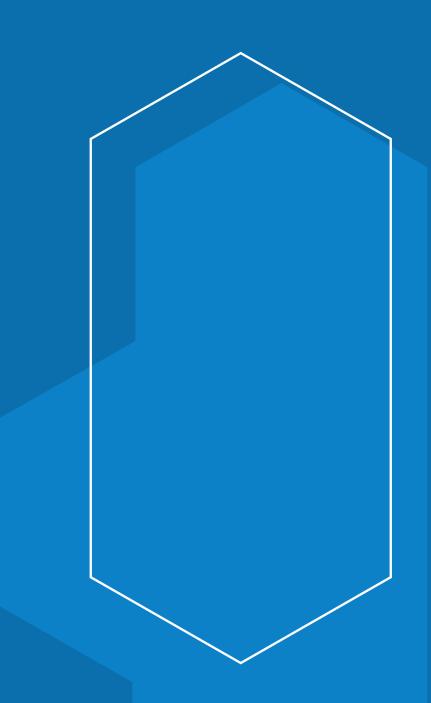


## **Thank you!**

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Federal Transit Administration



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#### Lifesavers Conference 2024 Impaired Driving

57 Views

#### The Mile High Perspective: Lessons Learned from Colorado's DUID Prosecution Data

Bunday, April 7, 2024 O 1:30 PM - 3:00 PM MST 9 Location: 505/506

Since Colorado legalized recreational manijuana in 2013, there has been a desire to understand its impact on road safety. In 2017, the Colorado state legislature passed HB17-1315, which gave the Colorado Department of Public Safety (CDPS) the responsibility of reporting on drug toxicology and conviction outcomes for DUI case filings. Witness Colorado's efforts to utilize these results to better understand the burden of impaired driving enforcement in a legalized environment, the relationship between Colorado's permissible inference level for Detta-9 THC and convictions, and Colorado's efforts to create a linked dataset and highlight trends in marijuana detection for impaired driving cases from 2016-2020 data.







Speaker: Allison Rosenthal, MPH (she/hechers) Colorado Department of Public Safety

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