

# **Bus-to-Person Collisions**

## **FTA Safety Programs**

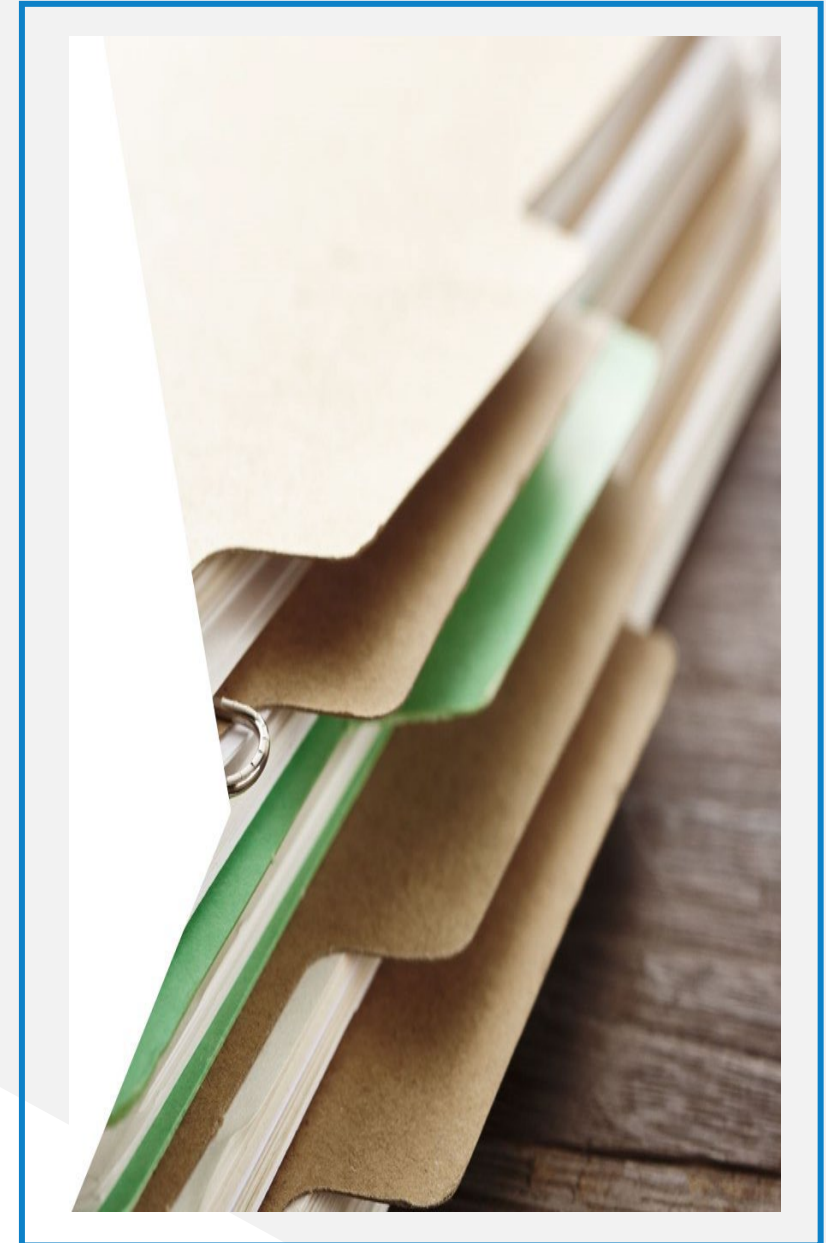
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U.S. Department of Transportation  
Federal Transit Administration



# Agenda

1. Bus-to-Person Collisions Data
2. Bus-to-Person Collisions Hazards
3. Safety Advisory 23-1
4. USDOT Safe Streets for All
5. National Roadway Safety Strategy
6. Future Initiatives
7. Resources



# The Data



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

## Bus-to-Person collisions accounted for:



**15%**

Of All Transit Fatalities



**37%**

Of Bus-Transit Fatalities

# Injuries and Fatalities by Location

Injuries and  
Fatalities

Location of Bus-to-Person Collision injuries and fatalities from 2017 to 2021:

Roadway Intersections

42%

Mid-Block of Roadway

38%

Bus Stops

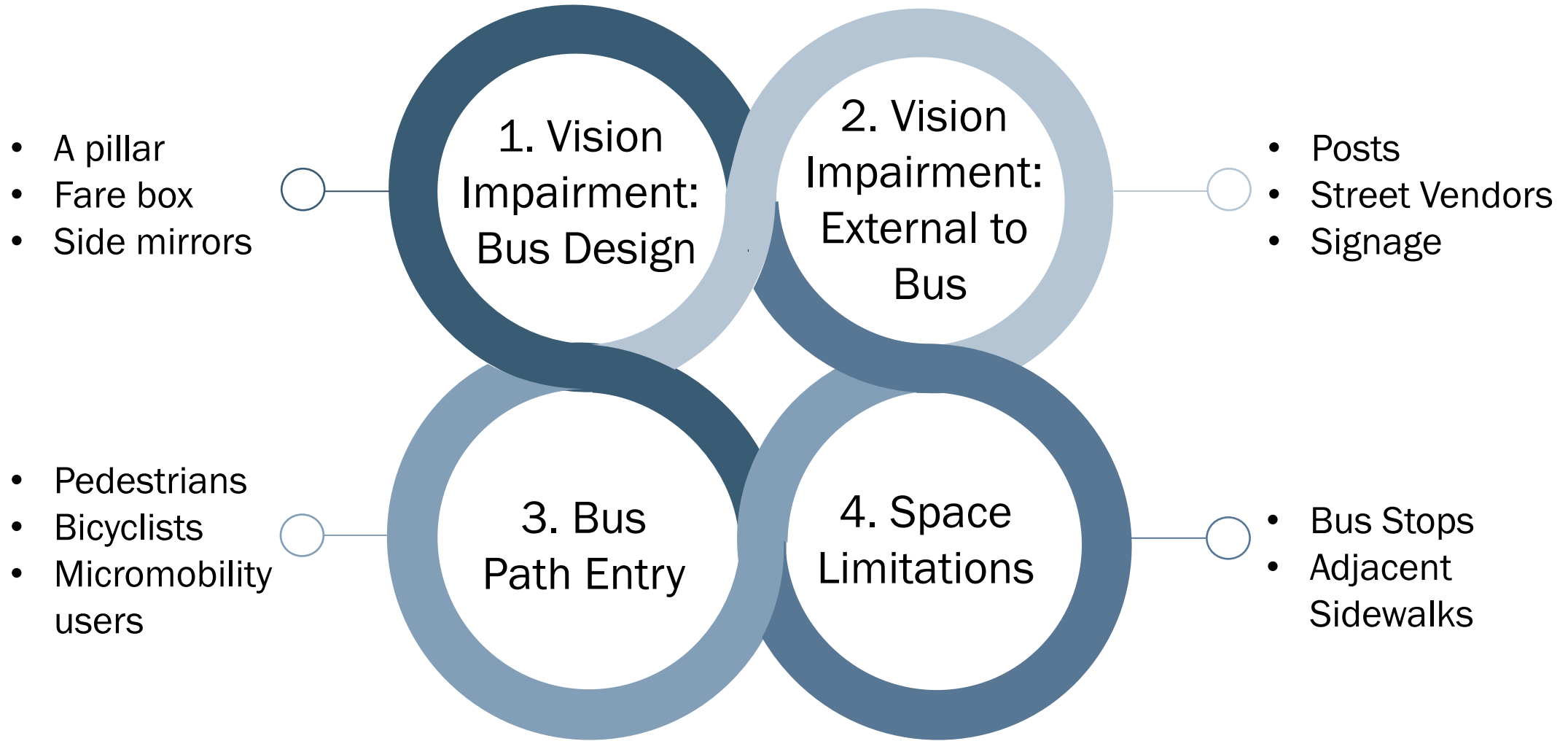
15%

All Other Locations

5%

Source: National Transit Database, 2017–2021

# Bus-to-Person Collisions Hazards



# Safety Advisory 23-1 Overview

- **Distribution:** Published in the Federal Register
- **Effective Date:** September 19, 2023
- **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**, and **implement appropriate mitigations** to reduce the likelihood and severity of those collisions



# Recommended Actions

Transit agencies that focus on bus operator vision impairment as a safety hazard may consider the below categories of safety risk mitigations, among others:



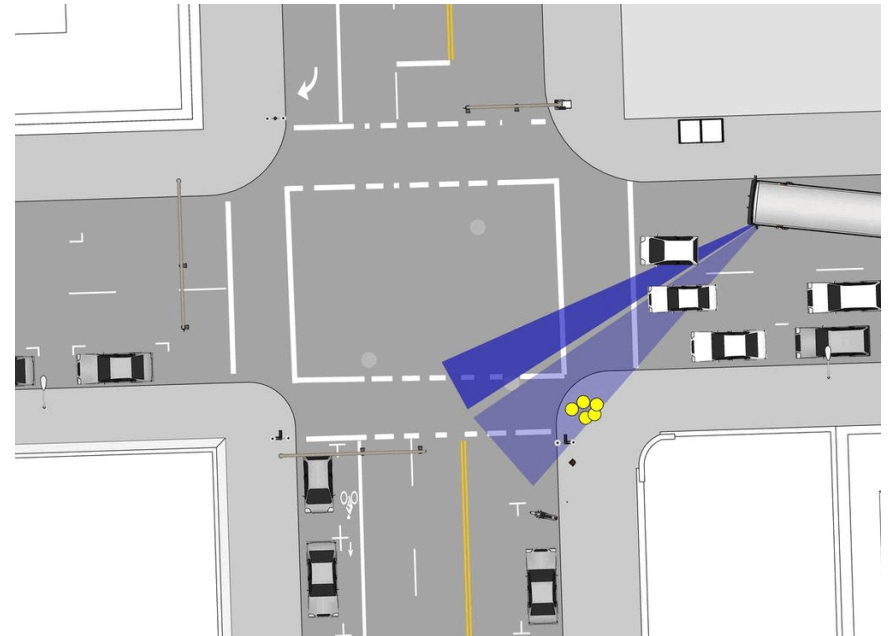
## Vehicle Design

1. Vehicles
2. Vehicle Systems



## Operator Driving Policies and Procedures

1. Scanning
2. Square Left Turns





# USDOT Safe Streets for All Grant Program

**\$5 billion dollar grant program that supports the development of a comprehensive safety action plan and provides funding for planning and demonstration grants and implementation grants**

Those eligible to apply include:

- counties
- cities
- towns
- transit agencies/other political subdivisions of a State
- metropolitan planning organizations
- Federally recognized Tribal governments



Visit the [Safe Streets and Roads for All Grant Program](#) webpage for more information



# 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
- More than 160 Allies in Action support the Call to Action
- Agencies that are taking action:
  - Delaware Transit Corporation
  - Denver Regional Transportation District (RTD)
  - San Francisco Municipal Transportation Agency (SFMTA)



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

# National Roadway Safety Strategy (NRSS)

## US Department of Transportation's National Roadway Safety Strategy

### FTA's focus:

1. Implementing transit/bus-only lanes
2. Improving pedestrian/bicycle access to rail/bus stations
3. Using collision avoidance technology to reduce collisions
4. Other projects to help reach zero roadway fatalities



# Future Bus Safety Collision Prevention Initiatives



Bus  
Manufacturers  
Roundtable

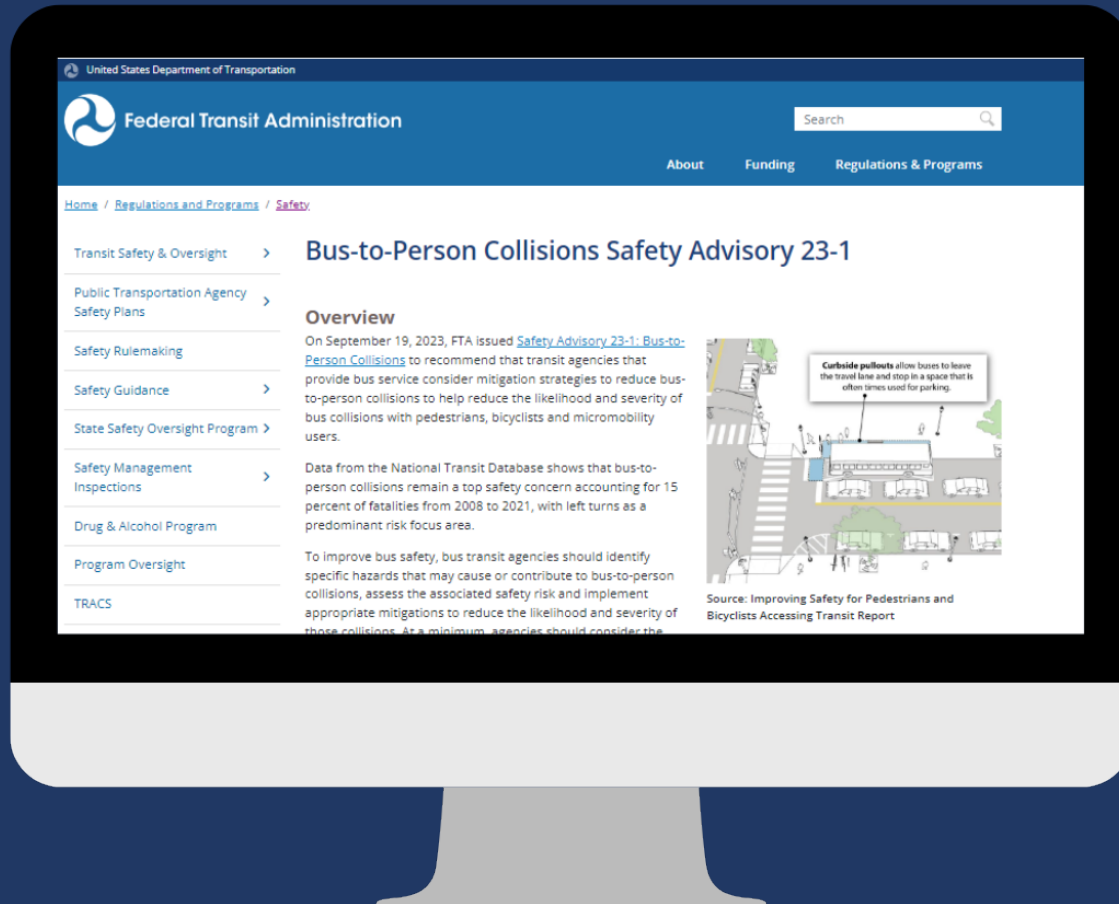
Online-based  
safety  
manager  
training  
covering best  
practices

Research  
dedicated to  
bus design  
standards and  
best practices

Research on  
causal factors  
of bus-to-POV  
collisions

# Bus-to-Person Collisions Resources (1 of 2)

Visit FTA's Dedicated Bus-to-Person Collision Webpage

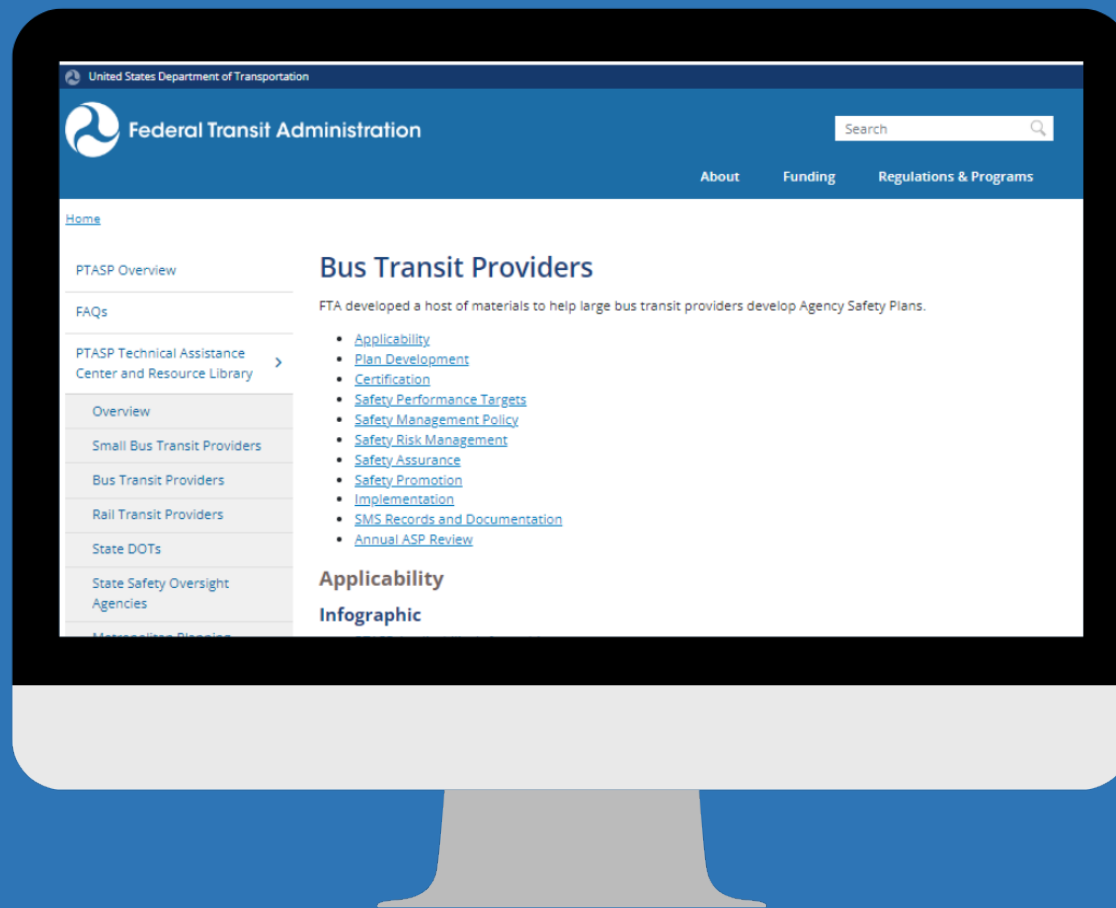


Visit the webpage for more information



# Bus-to-Person Collisions Resources (2 of 2)

Visit FTA's Dedicated Bus Transit Providers Website



Visit the webpage for more information



# Thank you!

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