

# BUS SAFETY DATA REPORT 2008–2018

## Summary

### WHAT IS THE BUS SAFETY DATA REPORT (BSDR)?

The Federal Transit Administration's (FTA) Bus Safety Data Report (BSDR) presents bus transit safety and security event data submitted to the National Transit Database (NTD) by transit agencies.



#### BUS SAFETY DATA REPORT

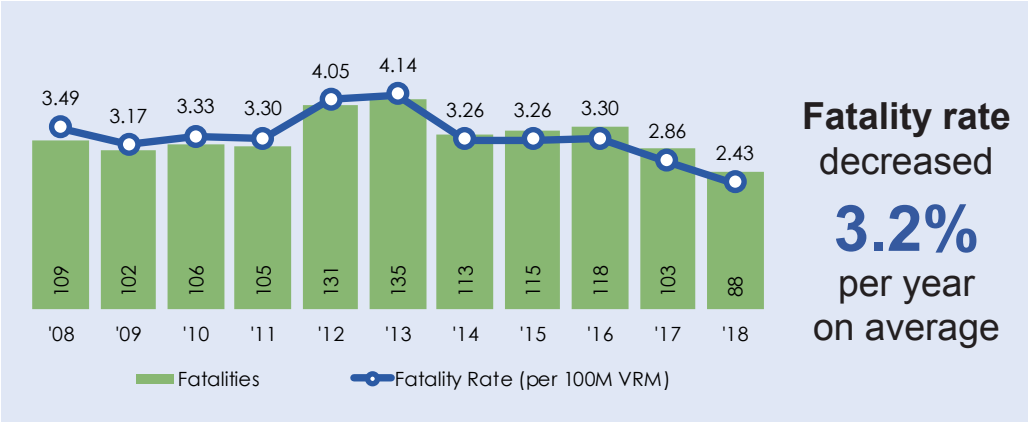
Bus Transit Safety Data  
2008–2018

U.S. Department of Transportation  
Federal Transit Administration

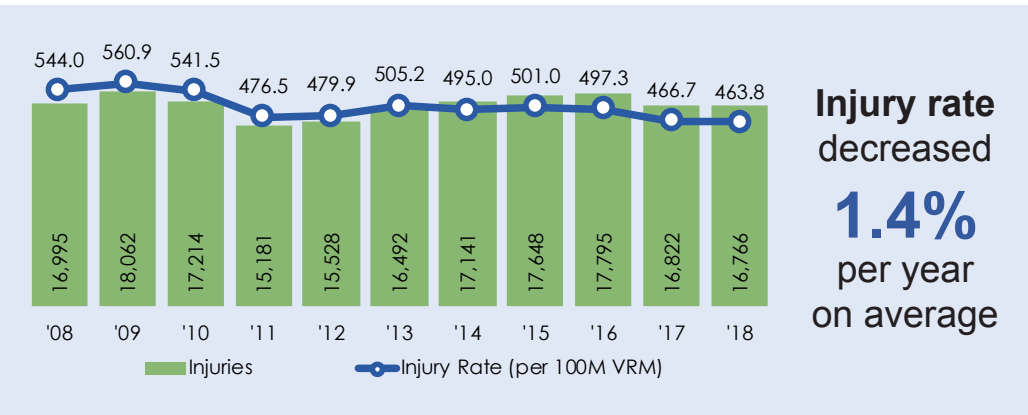
Provides a snapshot of bus transit industry safety performance from 2008 to 2018.

Focuses on patterns and trends in events, fatalities, and injuries.

Standardizes data by 100 million vehicle revenue miles of service (100M VRM) to account for differing levels of service provided over time and between modes.



Fatality rate decreased **3.2%** per year on average

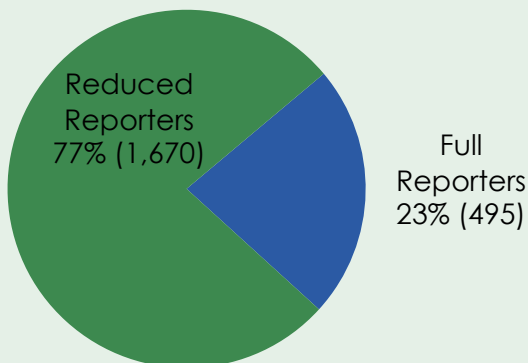


Injury rate decreased **1.4%** per year on average

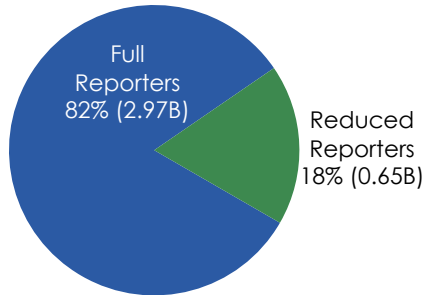
### WHO IS INCLUDED IN THE BSDR?

The BSDR contains data reported by over 2,000 public transit agencies to FTA's NTD. This includes large urban agencies (full reporters) as well as smaller urban agencies and rural transit providers (reduced reporters).

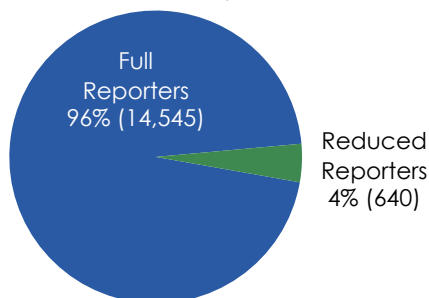
#### Reporters, 2018



#### Service\*, 2018



#### Events, 2018



#### Full reporters

provided

**82%**  
of transit service\*

and reported

**96%**  
of events

#### Reduced reporters

provided

**18%**  
of transit service\*

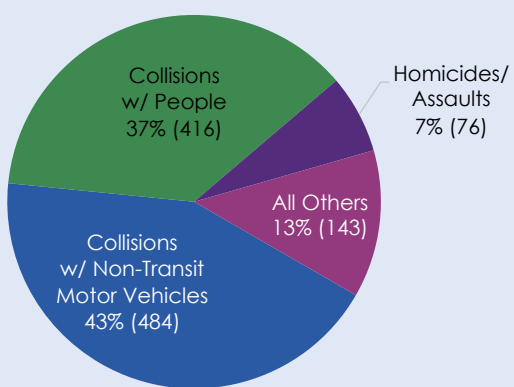
and reported

**4%**  
of events

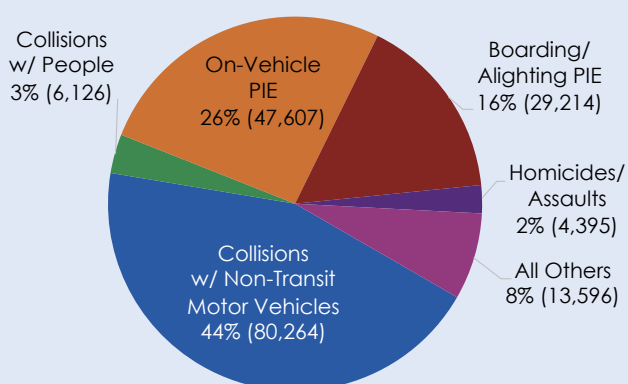
\* Service measured in billions of vehicle revenue miles (VRM)

### THE BSDR PRESENTS A VARIETY OF DETAILED ANALYSES

#### Fatalities, 2008-2018



#### Injuries, 2008-2018



Full reporters provide detailed event reports to the NTD. The BSDR leverages these details to present targeted analyses.

#### Collisions with Non-Transit Vehicles

**Fatalities:** 86% were occupants of non-transit vehicles. 14% were transit customers, bus workers, pedestrians, and bicyclists.

**Injuries:** 59% were bus passengers. 29% were occupants of the other vehicle, 11% were bus operators.

**Trend:** Collisions with non-transit vehicles increased on average 1.9% per year.

#### Bus Collisions with People

**Pedestrians:** 67% of fatalities and 59% of injuries.

**Bicyclists:** 15% of these fatalities and 22% of injuries.

**Trend:** Fatalities from collisions with people per 100M VRM decreased 11.8% between 2015 and 2018.

#### Personal Injury Events (PIE)

**Injuries:** Passengers and bus workers.

**Trends:** On-vehicle injury rate per 100M VRM increased 2.9% on average each year from 2011 to 2018. Boarding/alighting injury rate has declined 0.2% per year on average from 2015 to 2018.

#### Homicides and Assaults

**Fatalities:** 82% were customers and 8% were bus workers.

**Injuries:** 58% were customers and 41% were bus workers.

**Trends:** The homicide/assault injury rate increased on average 7.2% per year.