

MOTOR VEHICLE SAFETY

Crash Analysis: NYS 2016



ANNUAL ROAD CRASH STATISTICS • FOR THE • UNITED STATES



Over
37,000
people die in road crashes each year.



Over
1,600
children under 15
die each year.



Nearly
8,000
people are killed in
crashes involving
drivers age 16-20.



An additional
2.35 MILLION
people are injured or disabled.



Road crashes cost the U.S.
\$230.6 BILLION
per year, or an average of
\$820
per person per year.



Road crashes are the **SINGLE GREATEST**
cause of death of healthy U.S. citizens
traveling abroad.



Zinda & Davis
ATTORNEYS AT LAW

Source: <http://asirt.org/initiatives/informing-road-users/road-safety-facts/road-crash-statistics>

Source: <https://www.asirt.org/safe-travel/road-safety-facts/>

NYS DMV | CRASH DATA 2016

Data Released Annually

- Crash Cases
- Individuals
- Vehicles
- Violations



71%

solo drivers

FACTORS ➡ INJURY

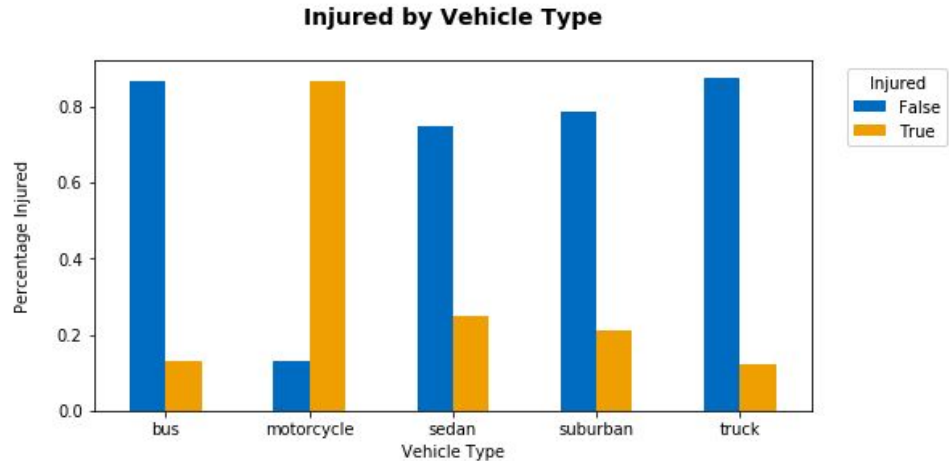
- Vehicle Type
 - most dangerous: motorcycle
- Safety Equipment
 - seatbelt > lapbelt only
 - airbag deployment
- Vehicle Age
 - newer vehicles safer



23%
injured

VEHICLES INVOLVED

- Bus: 0.21%
- Motorcycle: 0.50%
- Truck: 10.45%
- Suburban: 38.67%
- Sedan: 50.17%



IMPROVING SAFETY

- Shoulder straps
- Bigger vehicles
- Required maintenance
- Recommend trade ins



Seatbelts
Are
For
Everyone

IMPROVING SAFETY: MOTORCYCLES

- Motorcycle Awareness
- Protective Gear
- License Requirements



FURTHER RESEARCH

- Motorcycle Injuries
- Other datasets: Violations & Crash Cases
- Motor vehicle build considerations:
 - Weather
 - Road surface

