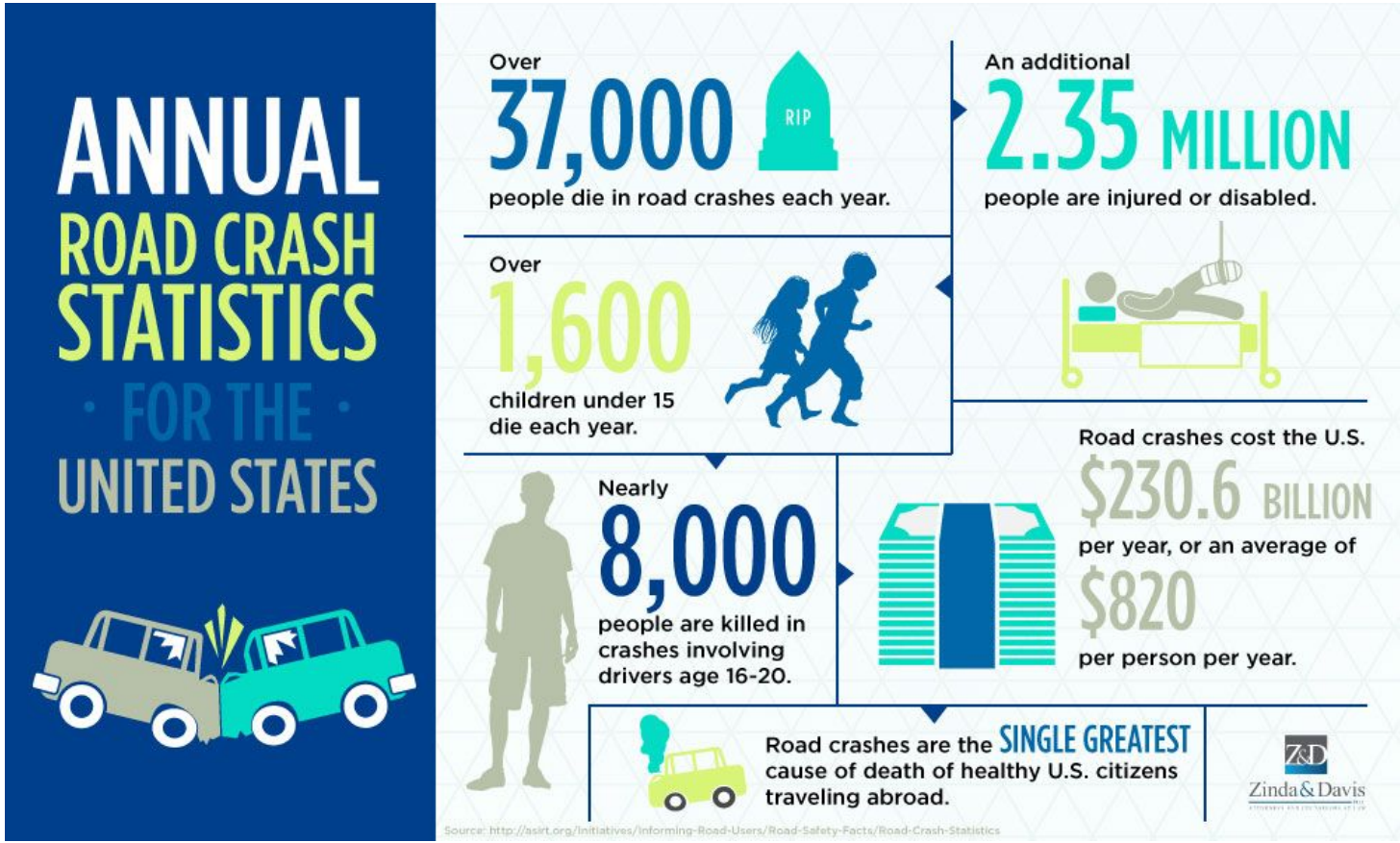
MOTOR VEHICLE SAFETY

Crash Analysis: NYS 2016



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

NYS DMV | CRASH DATA 2016

Data Released Annually

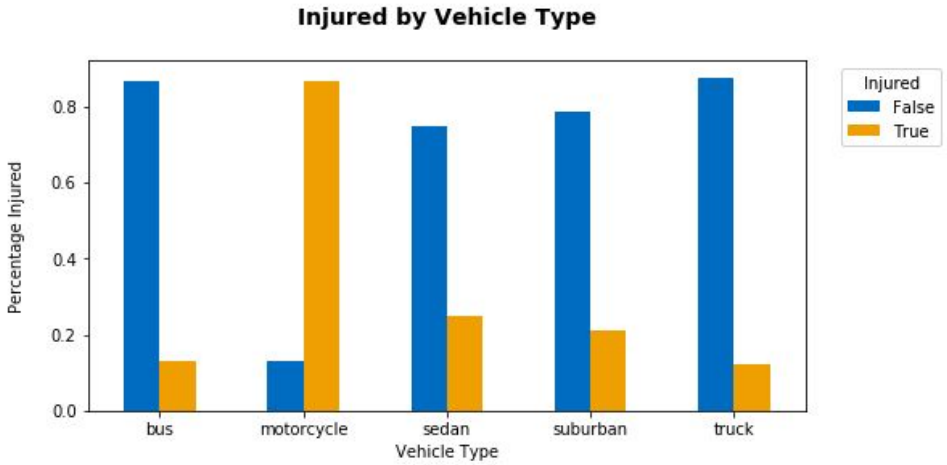
- Crash Cases
- Individuals
- Vehicles
- Violations

FACTORS ➡ INJURY

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

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

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