

Collision Facts

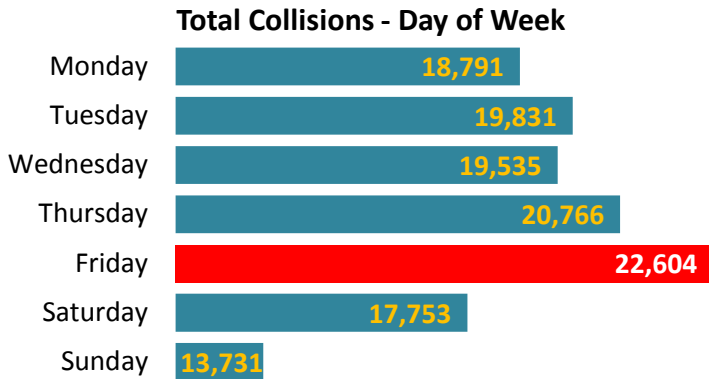
- 299 people killed ■
- 16,622 people injured ■
- 133,126 collisions ■

February 2018

Alberta 2016

Collision Facts

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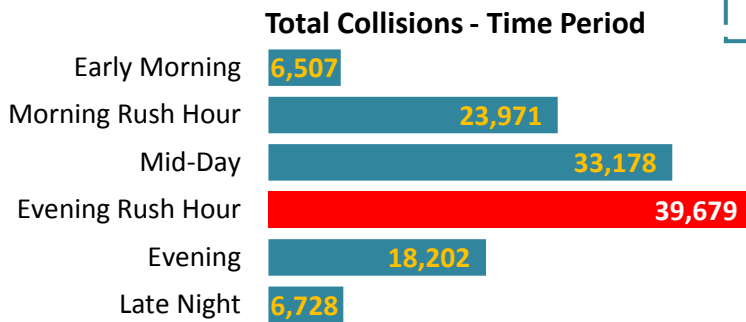


Total Number of Collisions

Fatal	273
Injury	12,465
PDO	120,386
Total	133,124

Urban	Rural
Fatal Collisions	36% 64%
Injury Collisions	76% 24%
PDO Collisions	84% 16%

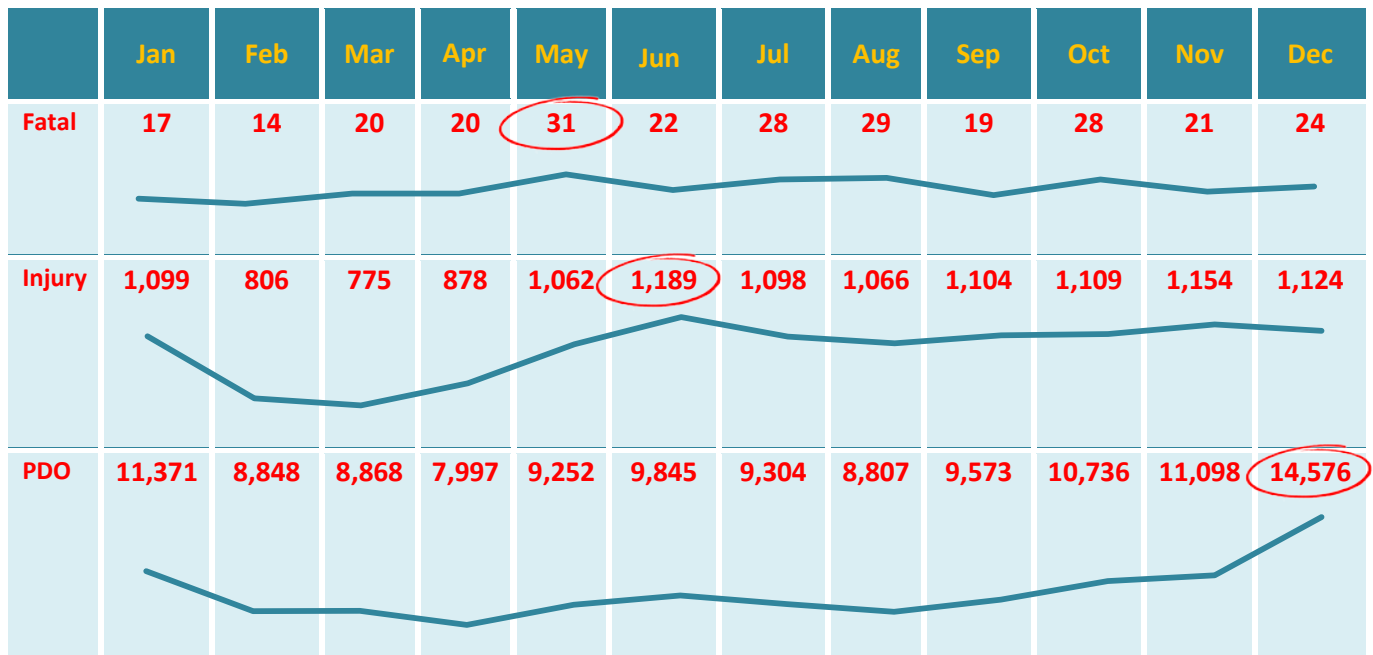
PDO means 'Property Damage Only';
in other words, nobody was hurt



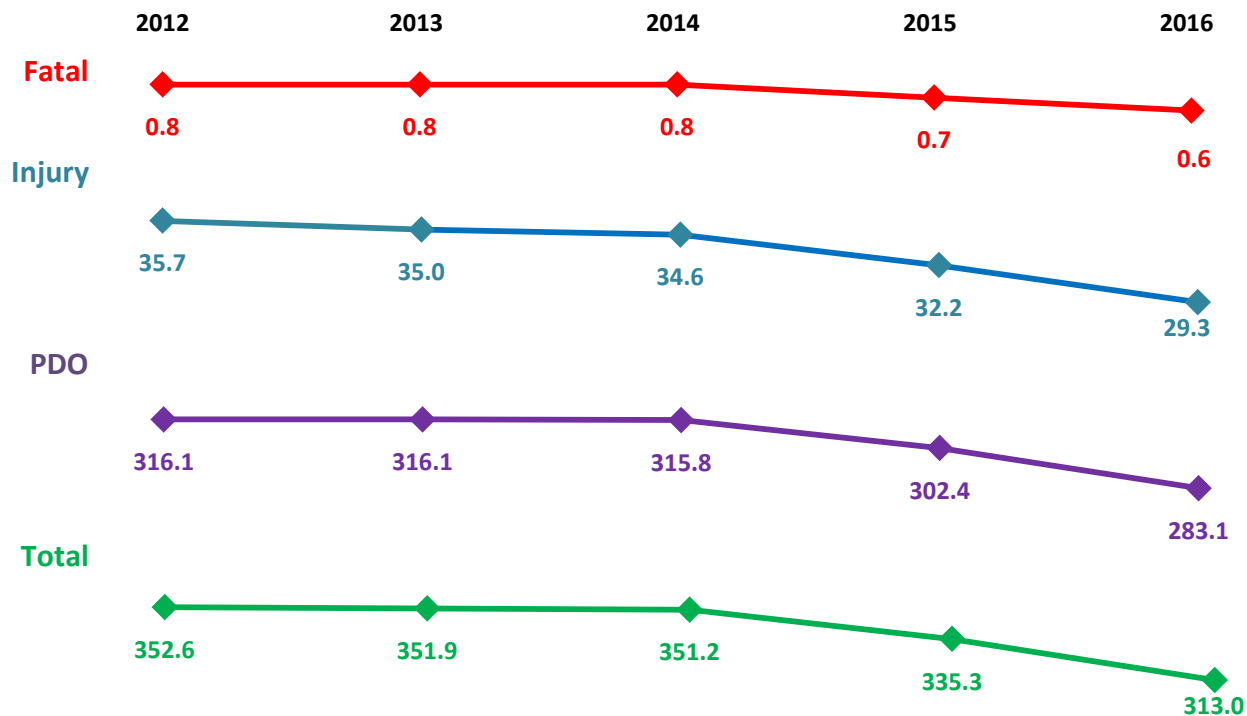
Total Number of Casualties

Fatalities	299
Major Injuries	2,758
Minor Injuries	13,864
Total	16,921

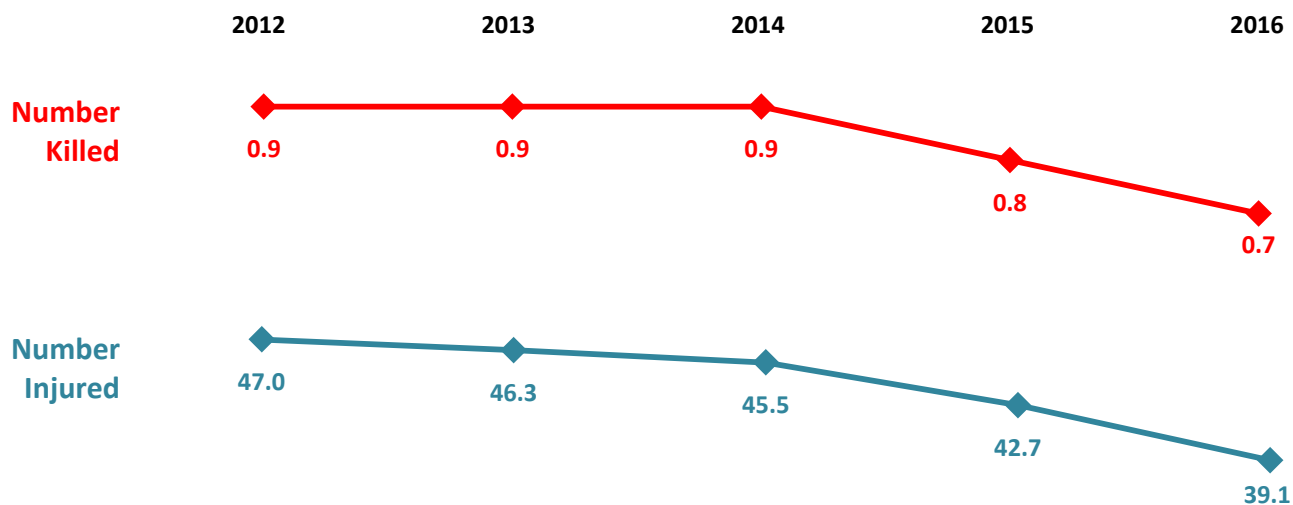
Month of Collision Occurrence

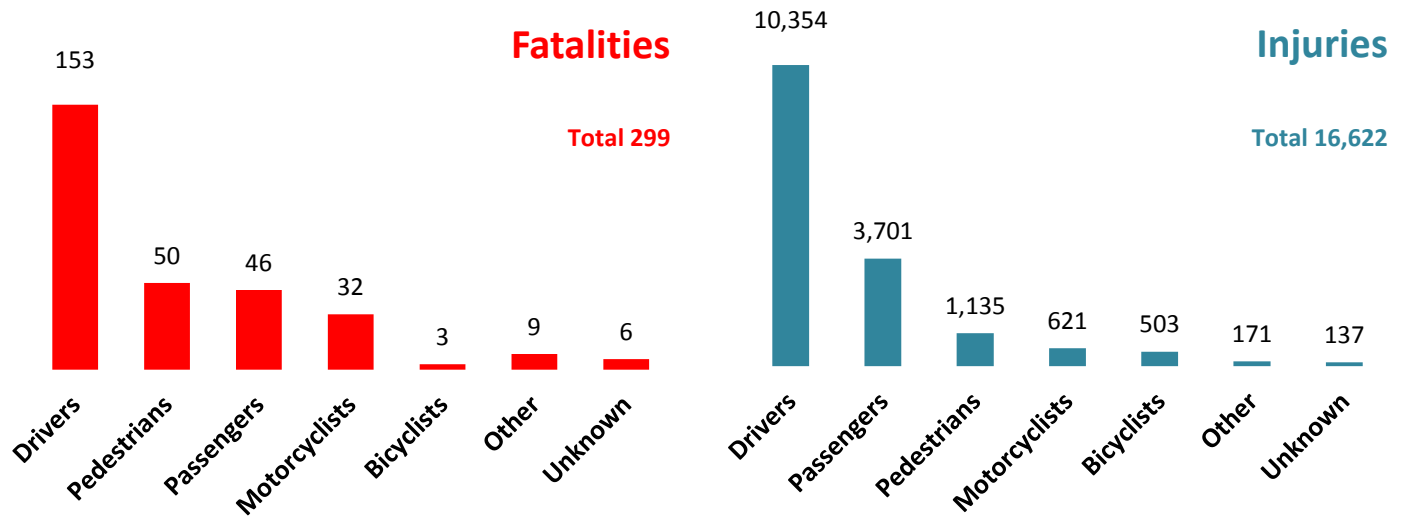


Collision Rates per 10,000 Population

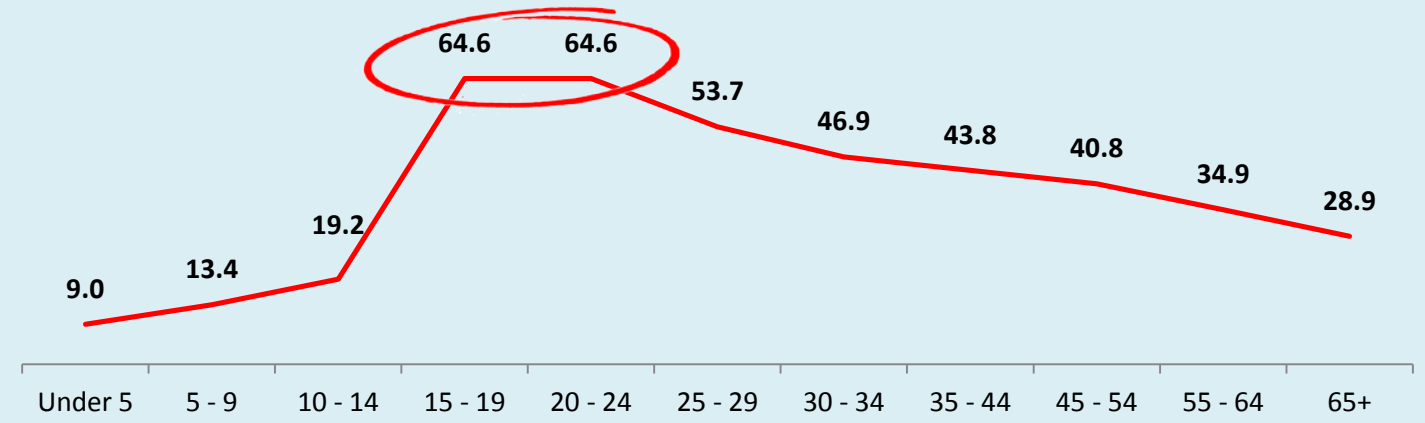


Casualty Rates per 10,000 Population





Casualty Rate per 10,000 Population by Age



■ The Alberta seat belt wearing rate was 95.1% in 2011* ■

■ Seatbelt users had a much lower injury rate (6.8%) than those not using seatbelts (24.1%) ■

Did Not Use a Seatbelt



Used a Seatbelt



■ Fatal Injury ■ Major Injury ■ Minor Injury

■ **85.6% of total collisions involved at least one driver who committed a driving error** ■

Speeding Increases Collision Severity

1 in 4 drivers in fatal collisions (23.8%) and 1 in 10 drivers in injury crashes (7.7%) were driving at an unsafe speed

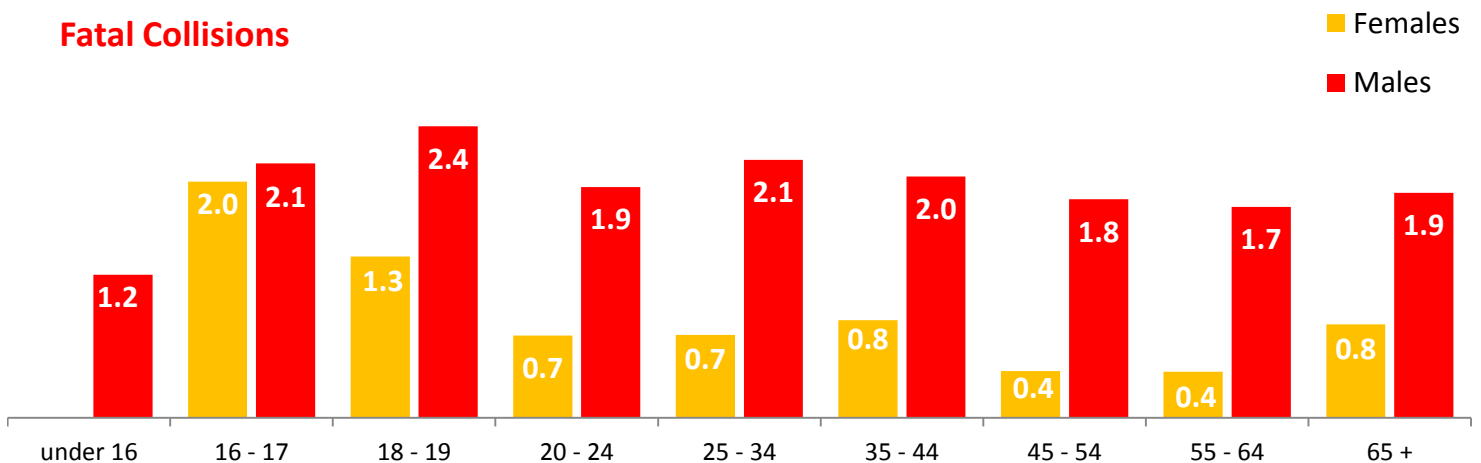


60% of crashes on rural highways involved an animal

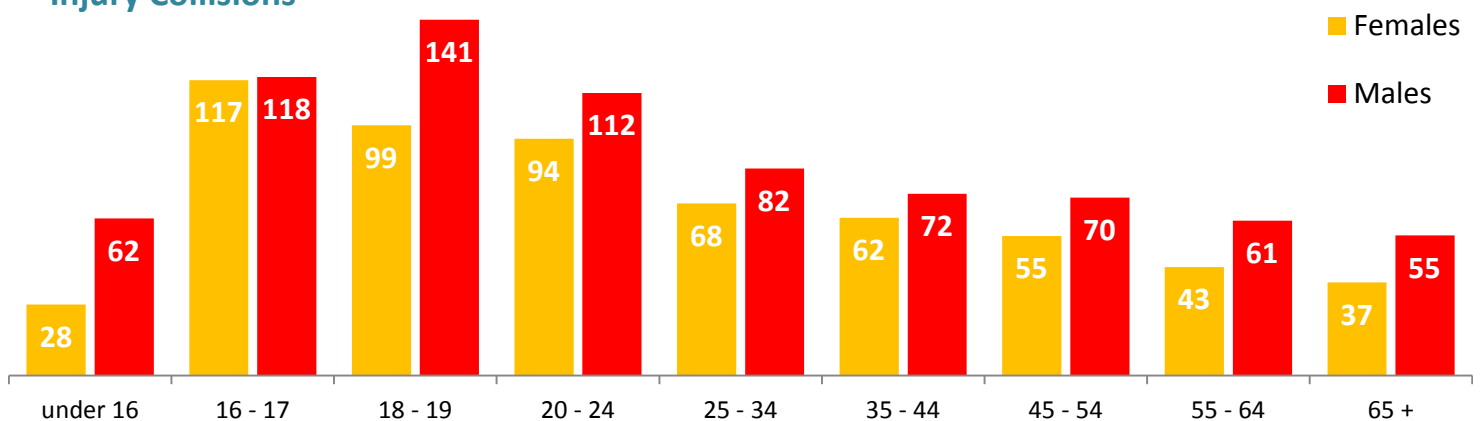
Of these crashes, 4% resulted in human casualties. The crash factors that lead to deaths and injuries include things like speeding, 'tailgating' and drinking and driving.

Involvement Rates per 10,000 Licensed Drivers

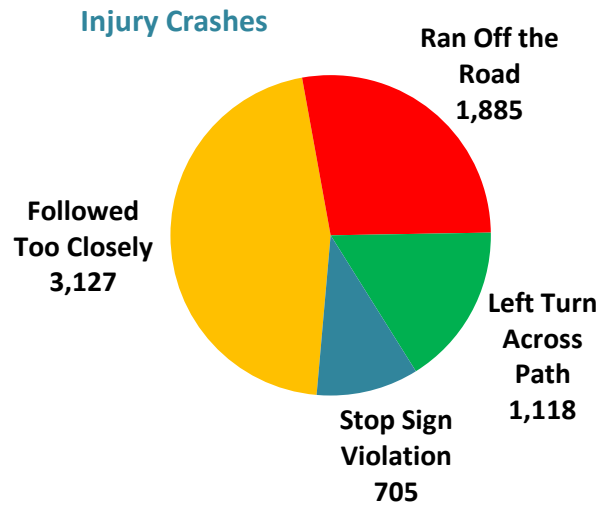
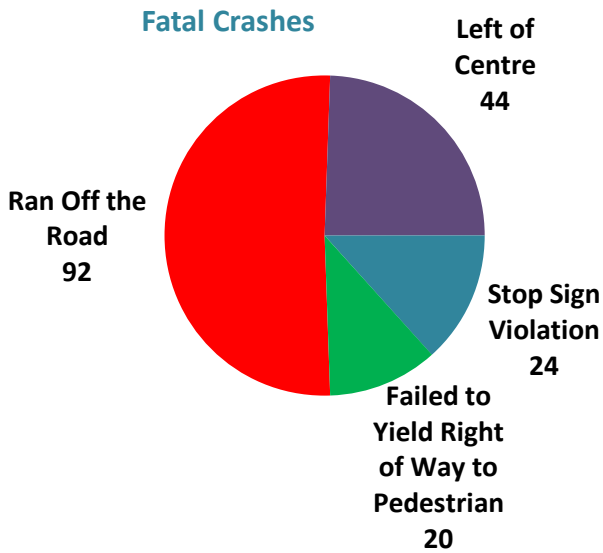
Fatal Collisions



Injury Collisions



Most Common Driver Errors Include...

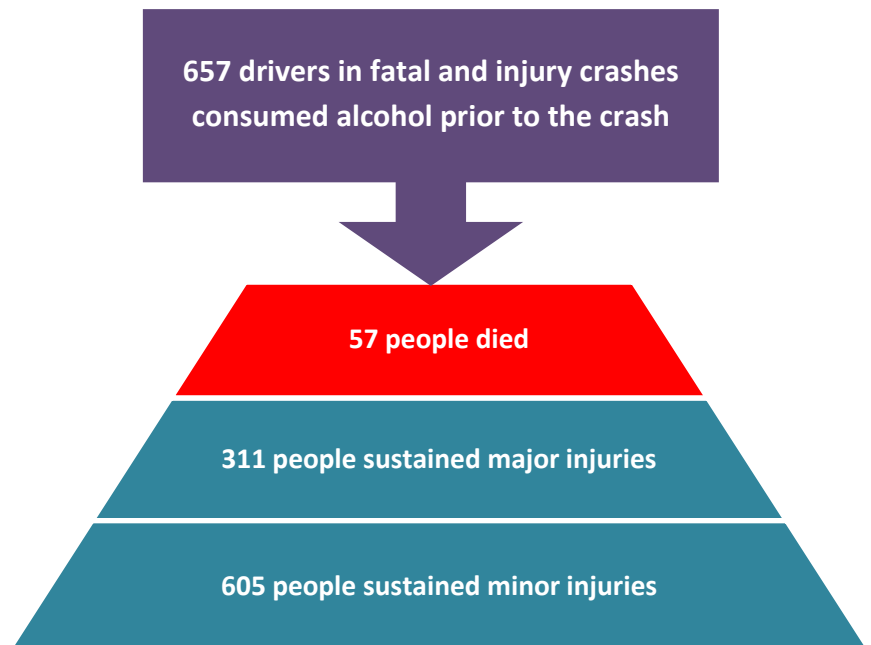
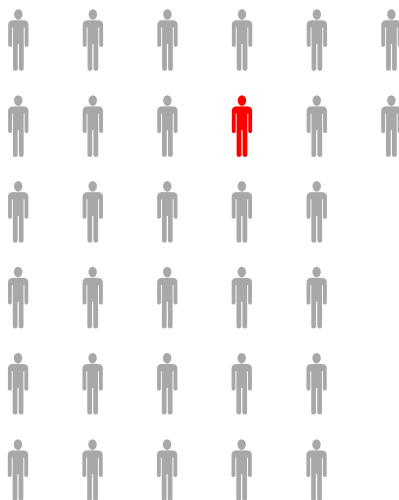


Drinking Drivers...

1 in 6 Drivers in Fatal Crashes Drank (16.3%)



1 in 32 Drivers in Injury Crashes Drank (3.2%)



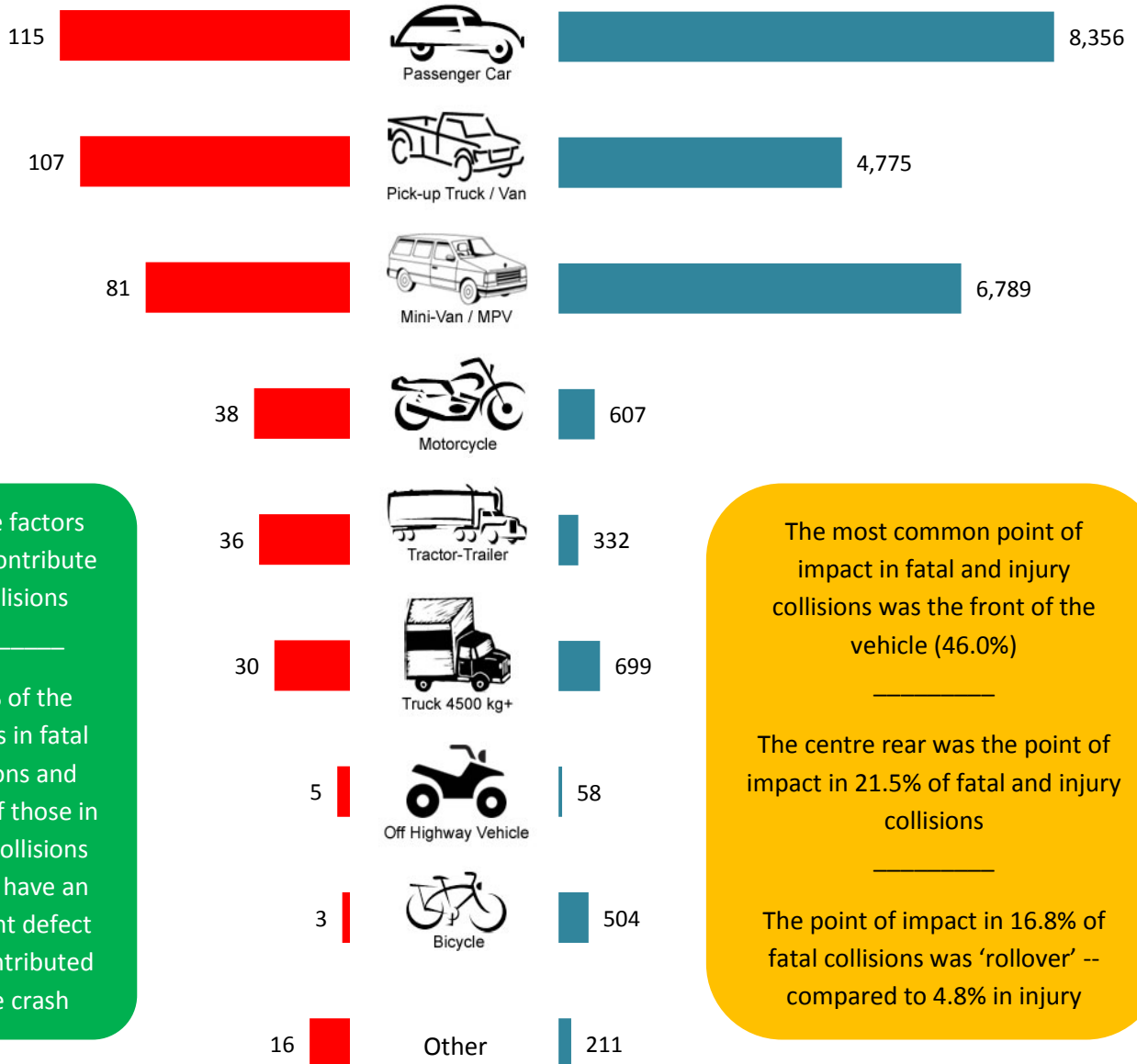
Involvement Rates per 1,000 Licensed Drivers Show...

■ Males aged 18 to 24 were most likely to have consumed alcohol before the crash ■

■ Three times more males than females consumed alcohol before the crash ■

Fatal Collisions

Injury Collisions



Vehicle factors rarely contribute to collisions

98.8% of the vehicles in fatal collisions and 99.2% of those in injury collisions did not have an apparent defect that contributed to the crash

The most common point of impact in fatal and injury collisions was the front of the vehicle (46.0%)

The centre rear was the point of impact in 21.5% of fatal and injury collisions

The point of impact in 16.8% of fatal collisions was 'rollover' -- compared to 4.8% in injury

Visit www.transportation.alberta.ca/statistics for more information on motor vehicle collisions in Alberta

*Visit www.transportation.alberta.ca/Content/docType48/Production/AlbertaSeatBeltUse2006-2011.pdf for more information on seatbelt wearing rates in Alberta.

Note: The information presented in this fact sheet is based on those cases where the respective information was specified on the Alberta Collision Report Form. For more information on the categories presented in this report and motor vehicle collisions in Alberta, please refer to the annual Alberta Traffic Collision Statistics report, available at the above website.