

ALBERTA TRAFFIC COLLISION FACTS 2013

WHAT HAPPENED ON ALBERTA'S ROADWAYS IN 2013?

During 2013...

- 358 people were killed as a result of traffic collisions.
- 18,650 people were injured in traffic collisions.
- A total of 141,638 collisions occurred.

Every day in 2013, approximately...

- 1 person was killed.
- 51 people were injured.
- 388 traffic collisions were reported.

ALBERTA TRAFFIC COLLISIONS 2009 - 2013

Severity of Collision	2013	2012	2011	2010	2009
Fatal	331	307	285	307	302
Non-Fatal Injury	14073	13822	13909	13552	14246
Property Damage*	127234	122466	124985	137430	142678
Total Reportable Collisions	141638	136595	139179	151289	157226
Number Killed	358	345	313	344	351
Number Injured	18650	18220	18584	18253	19167
Total Number of Casualties	19008	18565	18897	18597	19518

WHO WERE THE VICTIMS?

Traffic Fatalities (%)	Traffic Injuries (%)
181 Drivers (50.6)	11651 Drivers (62.5)
61 Passengers (17.0)	4287 Passengers (23.0)
47 Pedestrians (13.1)	1167 Pedestrians (6.3)
41 Motorcyclists (11.5)	667 Motorcyclists (3.6)
4 Bicyclists (1.1)	507 Bicyclists (2.7)
24 Other road user class/unspecified (6.7)	371 Other road user class/unspecified (2.0)

SPECIAL ROAD USER CLASSES

Pedestrians

Based on population, pedestrians between the ages 15 and 19 were most likely to be injured in a crash. Pedestrian casualty collisions were most likely to occur during the evening rush hour. Of pedestrians involved in injury collisions 11.2% had consumed alcohol, compared to 28.3% of pedestrians in fatal collisions.

Motorcycles

There were 42 people killed in collisions involving motorcycles. Motorcycle drivers under the age of 25 were most likely to be involved in casualty collisions. Compared to other drivers, motorcyclists were more likely to have consumed alcohol before the crash. Compared to drivers in total casualty collisions, motorcycle drivers were more likely to run off the road, pass improperly, or make an improper turn.

Truck Tractors

In 2013, there were 53 people killed and 584 injured in collisions involving truck tractors. Compared to drivers of other vehicles, truck tractor drivers were more likely to run off the road or make an improper lane change but less likely to have consumed alcohol before the crash.

Trains

In 2013, 4 people were killed and 20 people were injured in crashes in which a train was involved.

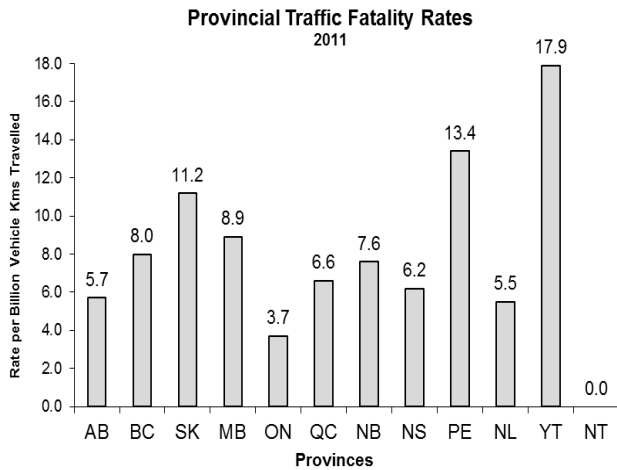
Bicycles

Young bicyclists, 10 to 14 years of age, were the group most frequently injured in bicycle casualty collisions. Compared to other drivers, bicyclists were more likely to disobey a traffic signal or fail to yield the right of way at an uncontrolled intersection.

WHEN DID THE COLLISIONS OCCUR?

September saw the most fatal collisions. November recorded the highest number of injury collisions, while December saw the most property damage collisions. There are more collisions on Friday than any other day of the week. The afternoon rush hour period accounted for the highest number of crashes.

HOW DOES ALBERTA COMPARE TO OTHER PROVINCES?



Note: To maintain the scale of the graph and to facilitate the comparison across jurisdictions the fatality rate for Nunavut is not included in this graph. See Table 1.3 of the Alberta Traffic Collision Statistics for all the rates.

Sources: Transport Canada Canadian Motor Vehicle Traffic Collision Statistics TP3322 and Statistics Canada, "Canadian Vehicle Survey", catalogue No. 53-223-XIE.

<http://www.tc.gc.ca/eng/roadsafety/resources-researchstats-menu-847.htm>

Looking back...

- Fatality rates have remained unchanged over the past year in terms of registered vehicles, population, and licenced drivers.
- Injury rates have decreased over the past year.
- Property damage collision rates have increased in terms of licenced drivers and registered vehicles, but remained unchanged in terms of population.

WHERE DID THE COLLISIONS OCCUR?

About four out of five collisions occurred in urban areas. Fatal collisions were more frequent in rural areas.

Urban (%)

0.1 Fatal collisions
8.9 Injury collisions
91.0 Property Damage collisions

Rural (%)

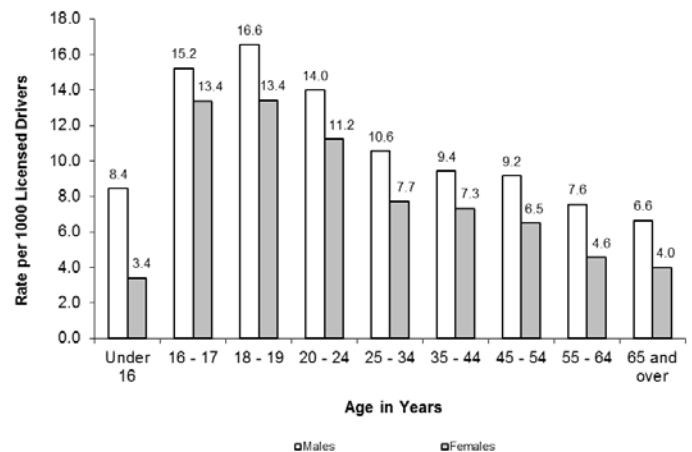
0.9 Fatal collisions
14.8 Injury collisions
84.3 Property Damage collisions

WHAT ABOUT DRINKING AND DRIVING?

Of all drivers involved in fatal collisions, 17.5% had consumed alcohol before the crash. Of all drivers involved in injury collisions 3.3% had consumed alcohol before the crash. The majority of drinking drivers were males. In terms of involvement per 1,000 licenced drivers, males 18 to 21 years of age were more likely to have consumed alcohol prior to a casualty collision than any other age group. Alcohol related casualty crashes were most likely to occur during the warmer months (May to September) on the weekends and during the late night/early morning hours.

WHO WERE THE DRIVERS INVOLVED IN CASUALTY COLLISIONS?

Age and Sex of Drivers Involved in Casualty Collisions
Alberta 2013



WHAT ABOUT SEAT BELTS?

The data shows that occupants who were using restraints at the time of the collision were injured less often (7.4%) than occupants who were not using restraints (28.1%). Occupants using a restraint reduce the likelihood of sustaining an injury and the severity of injury decreases.

***On January 1, 2011, the reporting threshold for property damage only collisions increased from \$1000 to \$2000.**

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