

ALBERTA TRAFFIC COLLISION FACTS

2007

WHAT HAPPENED ON ALBERTA'S ROADWAYS IN 2007?

During 2007...

- 458 people were killed as a result of traffic collisions.
- 24,530 people were injured in traffic collisions
- A total of 153,901 collisions occurred.

Every day in 2007 approximately...

- 1 person was killed.
- 67 people were injured.
- 422 traffic collisions were reported.

ALBERTA TRAFFIC COLLISIONS 2003-2007

Severity of Collision	2007	2006	2005	2004	2003
Fatal	402	404	392	339	321
Non-Fatal Injury	17857	18831	17726	17248	18447
Property Damage	135642	123357	106088	94966	94589
Total Reportable Collisions	153901	142592	124206	112553	113357
Number Killed	458	453	466	387	385
Number Injured	24530	25964	24504	24249	26426
Total Number of Casualties	24988	26417	24970	24636	26811

WHO WERE THE VICTIMS?

Traffic Fatalities (%)		Traffic Injuries (%)	
231	Drivers (50.4)	14818	Drivers (60.4)
101	Passengers (22.1)	6626	Passengers (27.0)
55	Pedestrians (12.0)	1346	Pedestrians (5.5)
31	Motorcyclists (6.8)	793	Motorcyclists (3.2)
11	Bicyclists (2.4)	500	Bicyclists (2.0)
29	Other road user class/unspecified (6.3)	447	Other road user class/unspecified (1.8)

SPECIAL ROAD USER CLASSES

Pedestrians

Based on population, pedestrians between the ages of 15 and 19 were most likely to be involved in a crash. Pedestrian casualty collisions were most likely to occur during the evening rush hour. Of pedestrians involved in injury collisions 15.1% had consumed alcohol, compared to 23.9% of pedestrians in fatal collisions.

Motorcycles

There were 32 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 or pass improperly.

Truck Tractors

In 2007, there were 81 people killed and 754 injured in collisions involving truck tractors. Compared to drivers of other vehicles, truck tractor drivers were more likely to run off the road, make an improper turn or make an improper lane change but less likely to have consumed alcohol before the crash.

Trains

In 2007, five people were killed and 30 people were injured in crashes in which a train was involved.

Bicycles

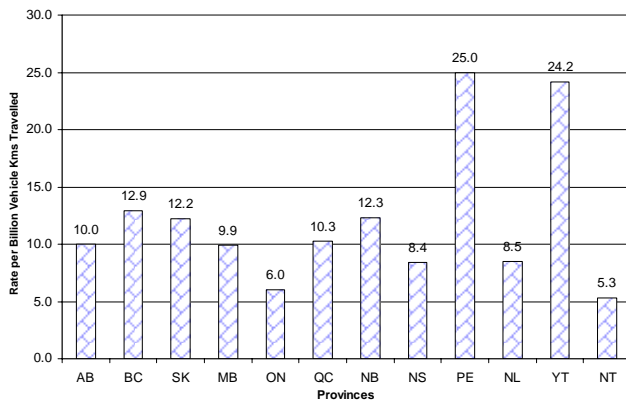
Young bicyclists, 10-14 years of age, were the group most frequently involved in bicycle casualty collisions. Compared to other drivers, bicyclists were more likely to disobey a traffic signal or fail to yield the right-of-way at an uncontrolled intersection.

WHEN DID THE COLLISIONS OCCUR?

July saw the most fatal collisions. January recorded the highest number of injury collisions. The highest number of property damage collisions occurred during December. 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?

**Provincial Traffic Fatality Rates
2006**



Note: Figures for 2007 are not available at time of printing.

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

Looking back...

- Fatality rates have remained the same as last year.
- Injury rates have decreased over the past year.
- Property damage collision rates have increased over the past year.

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
11.2 Injury collisions
88.7 Property Damage collisions

Rural (%)

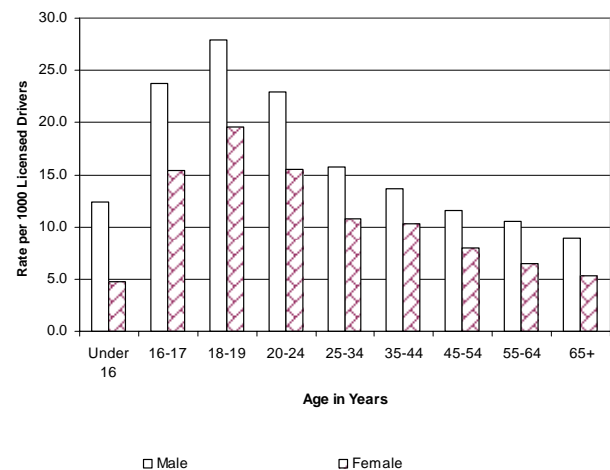
0.9 Fatal collisions
13.4 Injury collisions
85.7 Property Damage collisions

WHAT ABOUT DRINKING AND DRIVING?

Of all drivers involved in fatal collisions, 22.3% had consumed alcohol before the crash. Of all drivers involved in injury collisions 4.9% had consumed alcohol before the crash. The majority of drinking drivers were males. In terms of involvement per 1,000 licensed drivers, males 18-24 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 in the months of June or July 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 2007**



WHAT ABOUT SEAT BELTS?

The data shows that occupants who were using restraints at the time of the collision were injured less often (9.1%) than occupants who were not using restraints (36.5%). Occupants using a restraint reduce the likelihood of sustaining an injury and the severity of injury decreases.

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