

ALBERTA TRAFFIC COLLISION FACTS

2001

WHAT HAPPENED ON ALBERTA'S ROADWAYS IN 2001?

During 2001...

- 404 people were killed as a result of traffic collisions.
- 27,583 people were injured in traffic collisions
- A total of 107,391 collisions occurred.

Every day in 2001 approximately...

- 1 person was killed.
- 76 people were injured.
- 294 traffic collisions were reported.

ALBERTA TRAFFIC COLLISIONS 1997-2001

Severity of Collision	1997	1998	1999	2000	2001
Fatal	357	358	305	312	341
Non-Fatal Injury	16231	16987	17398	18246	19000
Property Damage	75777	81256	77543	85905	88050
Total Reportable Collisions	92365	98601	95246	104463	107391
Number Killed	429	429	347	364	404
Number Injured	23916	24935	25451	26464	27583
Total Number of Casualties	24345	25364	25798	26828	27987

WHO WERE THE VICTIMS?

Traffic Fatalities (%)		Traffic Injuries (%)	
201	Drivers (49.8)	16642	Drivers (60.3)
115	Passengers (28.5)	8043	Passengers (29.2)
33	Pedestrians (8.2)	1249	Pedestrians (4.5)
8	Bicyclists (2.0)	624	Bicyclists (2.3)
21	Motorcyclists (5.2)	653	Motorcyclists (2.4)
26	Other road user class/unspecified (6.4)	372	Other road user class/unspecified (1.3)

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 17.4% had consumed alcohol, compared to 30.0% of pedestrians in fatal collisions.

Motorcycles

There were 21 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 2001, there were 52 people killed and 686 injured in collisions involving truck tractors. Compared to drivers of other vehicles, truck tractor drivers were more likely to run off the road, but less likely to have consumed alcohol before the crash.

Trains

In 2001, six people were killed and 30 people were injured in crashes in which a train was involved.

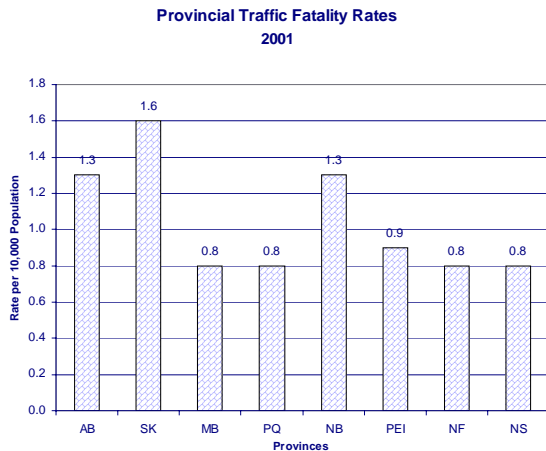
Bicycles

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 fail to yield the right-of-way at an uncontrolled intersection or disobey a traffic signal.

WHEN DID THE COLLISIONS OCCUR?

August saw more fatal collisions than other months. December recorded the highest number of injury collisions. The highest number of property damage collisions also 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?



Note: Information from all provinces was not available at the time of printing.

Looking back...

- Fatality rates have increased slightly from the past year.
- Injury rates have increased over the past year.
- Property damage collision rates have decreased in terms of licensed drivers and registered vehicles.

WHERE DID THE COLLISIONS OCCUR?

Approximately four-fifths of all collisions occurred in urban areas. Fatal collisions were more frequent in rural areas.

Urban (%)

0.1 Fatal collisions
18.0 Injury collisions
81.9 Property Damage collisions

Rural (%)

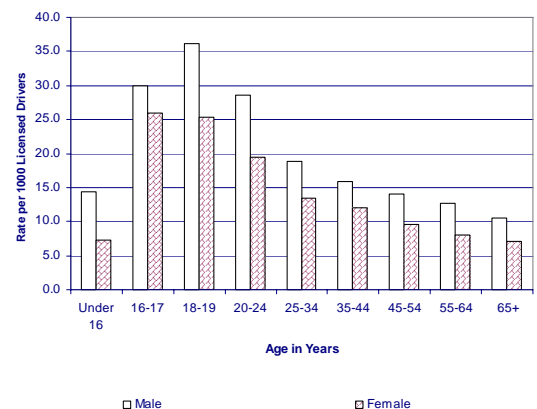
1.2 Fatal collisions
16.5 Injury collisions
82.4 Property Damage collisions

WHAT ABOUT DRINKING AND DRIVING?

Of all drivers involved in fatal collisions, 21.0% had consumed alcohol before the crash. Of all drivers involved in injury collisions 5.0% had consumed alcohol before the crash. The majority of drinking drivers were males between the age of 25 and 44. In terms of involvement per 1,000 licensed drivers, males 18-21 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 in the month of August on the weekends and during the late night/early morning hours.

WHO WERE THE DRIVERS INVOLVED?

Age and Sex of Drivers Involved in Casualty Collisions Alberta 2001



WHAT ABOUT SEAT BELTS?

The data shows that occupants who were using restraints at the time of the collision were injured less often (14.2%) than occupants who were not using restraints (37.8%). Therefore, non-restraint users were two and one half times as likely to be injured as restraint users.

For further information:

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