

# ALBERTA TRAFFIC COLLISION FACTS

## 2004

### WHAT HAPPENED ON ALBERTA'S ROADWAYS IN 2004?

#### During 2004...

- 387 people were killed as a result of traffic collisions.
- 24,249 people were injured in traffic collisions
- A total of 112,553 collisions occurred.

#### Every day in 2004 approximately...

- 1 person was killed.
- 66 people were injured.
- 308 traffic collisions were reported.

### ALBERTA TRAFFIC COLLISIONS 2000-2004

Severity of Collision	2004	2003	2002	2001	2000
Fatal	339	321	322	341	312
Non-Fatal Injury	17248	18447	20152	19000	18246
Property Damage	94966	94589	95834	88050	85905
<b>Total Reportable Collisions</b>	<b>112553</b>	<b>113357</b>	<b>116308</b>	<b>107391</b>	<b>104463</b>
Number Killed	387	385	372	404	364
Number Injured	24249	26426	28989	27583	26464
<b>Total Number of Casualties</b>	<b>24636</b>	<b>26811</b>	<b>29361</b>	<b>27987</b>	<b>26828</b>

### WHO WERE THE VICTIMS?

<b>Traffic Fatalities (%)</b>	<b>Traffic Injuries (%)</b>
197 Drivers (50.9)	14486 Drivers (59.7)
99 Passengers (25.6)	6766 Passengers (27.9)
50 Pedestrians (12.9)	1188 Pedestrians (4.9)
6 Bicyclists (1.6)	612 Bicyclists (2.5)
25 Motorcyclists (6.5)	678 Motorcyclists (2.8)
10 Other road user class/unspecified (2.6)	519 Other road user class/unspecified (2.1)

### 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 13.7% had consumed alcohol, compared to 48.6% of pedestrians in fatal collisions.

#### Motorcycles

There were 25 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 2004, there were 69 people killed and 753 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 2004, two people were killed and 35 people were injured in crashes in which a train was involved.

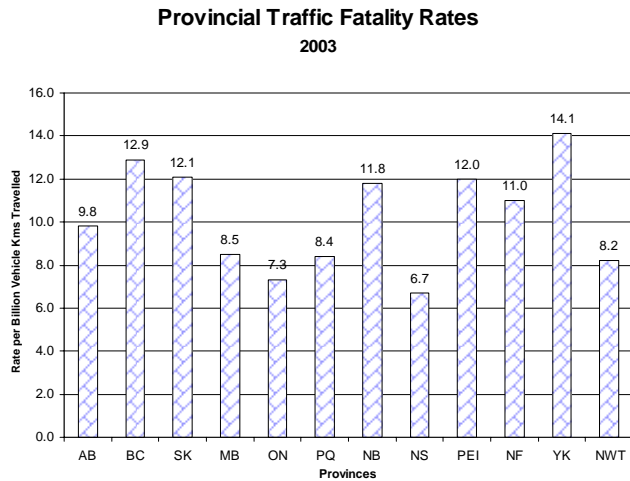
#### Bicycles

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 more fatal collisions than other months. 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?



Note: The fatality rate for Nunavut for 2003 was N/A. Figures for 2004 are not available at this time.

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 are unchanged from the past year.
- Injury rates have decreased over the past year.
- Property damage collision rates have decreased over the past year.

## WHERE DID THE COLLISIONS OCCUR?

Over two-thirds of all collisions occurred in urban areas. Fatal collisions were more frequent in rural areas.

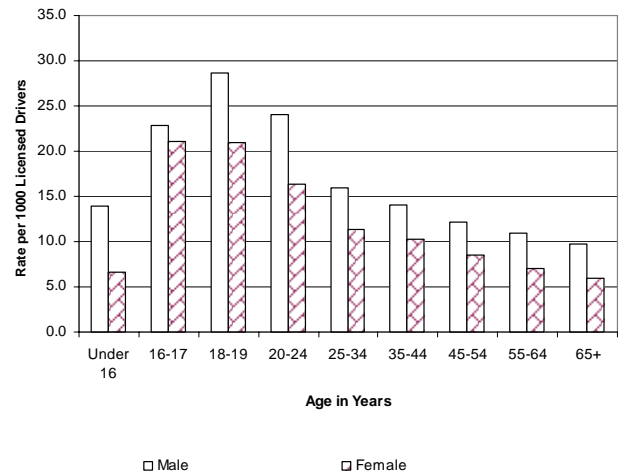
Urban (%)		Rural (%)	
0.1	Fatal collisions	1.0	Fatal collisions
14.9	Injury collisions	16.9	Injury collisions
85.0	Property Damage collisions	82.2	Property Damage collisions

## WHAT ABOUT DRINKING AND DRIVING?

Of all drivers involved in fatal collisions, 19.1% had consumed alcohol before the crash. Of all drivers involved in injury collisions 4.8% 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 18-24 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 month of 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 2004



## WHAT ABOUT SEAT BELTS?

The data shows that occupants who were using restraints at the time of the collision were injured less often (11.3%) than occupants who were not using restraints (39.5%). Therefore, non-restraint users were three and a half times as likely to be injured as restraint users.

For further information:

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