



Transport  
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# Canadian Motor Vehicle Traffic Collision Statistics

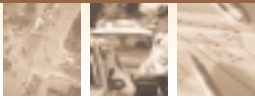
TP 3322

Collected in cooperation  
with the Canadian Council of  
Motor Transport Administrators



# 1999

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## Collisions and Casualties • 1980-1999

	Collisions		Fatalities <sup>3</sup>	Injuries <sup>4</sup>
	Fatal <sup>1</sup>	Personal Injury <sup>2</sup>		
1980	4,677	179,625	5,461	262,977
1981	4,620	179,023	5,383	261,176
1982	3,597	156,779	4,169	225,717
1983	3,623	157,000	4,216	224,297
1984	3,580	165,221	4,120	237,455
1985	3,774	179,704	4,364	259,189
1986	3,510	184,053	4,068	264,481
1987	3,729	193,237	4,286	280,575
1988	3,610	190,094	4,154	278,618
1989	3,651	192,595	4,246	284,937
1990	3,445	178,515	3,963	262,680
1991	3,228	170,693	3,690	249,217
1992	3,073	169,640	3,501	249,821
1993	3,121	168,106	3,615	247,588
1994	2,869	166,780	3,263	245,110
1995	2,854	164,190	3,351	241,935
1996	2,708	156,282	3,091	230,890
1997	2,646 <sup>r</sup>	150,118 <sup>r</sup>	3,063 <sup>r</sup>	221,349
1998	2,598 <sup>r</sup>	148,376 <sup>r</sup>	2,934 <sup>r</sup>	217,754 <sup>r</sup>
1999	2,621	151,099	2,969	222,275

<sup>1</sup> "Fatal collisions" include all reportable motor vehicle crashes which resulted in at least one fatality, where death occurred within 30 days of collision, except in Quebec (8 days).

<sup>2</sup> "Personal injury collisions" include all reportable motor vehicle crashes which resulted in at least one injury but not death within the time frames set out in "fatal collisions".

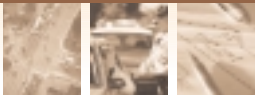
<sup>3</sup> "Fatalities" include all those who died as a result of involvement in a reportable traffic collision within 30 days of its occurrence, except in Quebec (8 days).

<sup>4</sup> "Injuries" include all those who suffered any visible injury or complained of pain.

<sup>r</sup> Revised

## Fatalities and Injuries by Age Group

Age Group	Fatalities	Injuries
0 - 4	51	3,359
5 - 14	128	14,143
15 - 19	410	29,321
20 - 24	358	28,860
25 - 34	473	42,772
35 - 44	416	39,150
45 - 54	344	27,137
55 - 64	247	14,647
65 +	530	16,188
Not stated	12	6,698
<b>Total</b>	<b>2,969</b>	<b>222,275</b>




# 1999

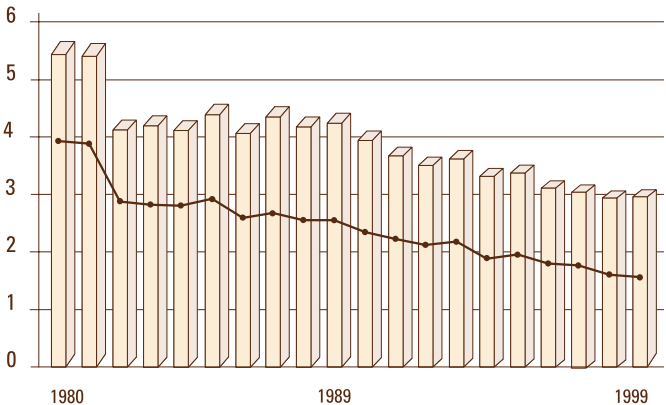
## Fatalities by Road User Class

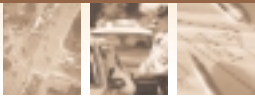
Road User Class		1995	1996	1997 <sup>r</sup>	1998 <sup>r</sup>	1999
Drivers	#	1,652	1,518	1,540	1,451	1,539
	%	49.3	49.1	50.3	49.5	51.8
Passengers	#	920	825	812	716	734
	%	27.5	26.7	26.5	24.4	24.7
Pedestrians	#	416	465	402	402	414
	%	12.4	15.1	13.1	13.7	14.0
Cyclists	#	64	60	67	77	69
	%	1.9	1.9	2.2	2.6	2.3
Motorcyclists*	#	166	128	122	165	159
	%	4.9	4.1	4.0	5.6	5.4
Not stated/Other	#	133	95	120	123	54
	%	4.0	3.1	3.9	4.2	1.8
<b>Total</b>	<b>#</b>	<b>3,351</b>	<b>3,091</b>	<b>3,063</b>	<b>2,934</b>	<b>2,969</b>
	<b>%</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>

\* Includes moped riders  
<sup>r</sup> Revised

## Fatalities • 1980-1999

●—● Fatality Rate (per 10,000 motor vehicles registered)  
 Fatalities (thousands of persons)

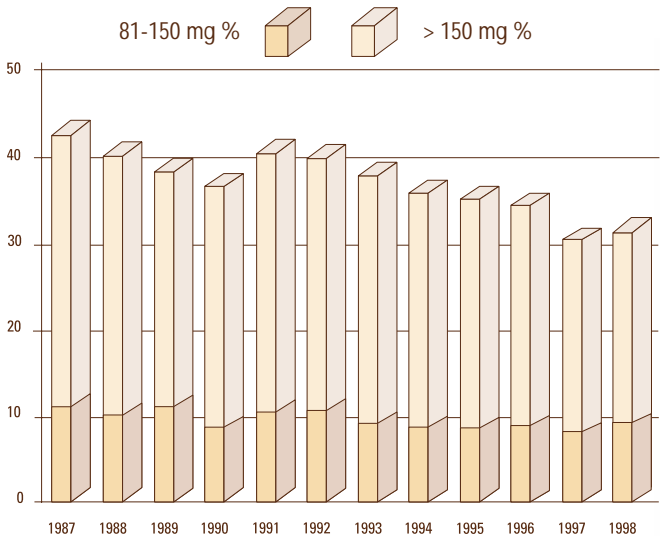




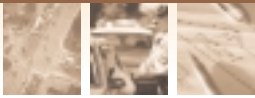
## Casualty Rates (per 10,000 motor vehicles registered)

	Fatalities		Injuries	
	Average 1994-1998	1999	Average 1994-1998	1999
Canada	1.8	1.6	133.4	120.9
Newfoundland	1.2	1.3	83.1	91.3
Prince Edward Island	2.2	2.1	95.9	120.6
Nova Scotia	1.8	1.7	116.7	114.4
New Brunswick	2.2	2.2	115.6	106.2
Quebec	2.1	1.9	124.6	119.1
Ontario	1.5	1.3	136.1	122.2
Manitoba	1.8	1.7	169.6	145.7
Saskatchewan	2.1	2.6	105.0	111.9
Alberta	2.0	1.6	110.8	116.4
British Columbia	2.0	1.7	178.2	128.6
Yukon	2.9	6.3	106.4	138.0
Northwest Territories	3.3	4.3	114.1	133.9

## Percentage of Fatally Injured Drivers Tested and Found to be Legally Impaired (BAC > 80 mg %)\*



\* BAC: Blood Alcohol Concentration  
 mg %: Weight of alcohol in the bloodstream stated as milligrams in 100 millilitres of blood.  
 Note: 1999 data were not available at the time of publication.  
 Source: Traffic Injury Research Foundation.



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## Percentage of Driver and Passenger Fatalities and Serious Injuries Where Victims Were Not Using Seat Belts

	1999
Driver fatalities	34.3
Drivers seriously injured	15.6
Passenger fatalities	38.1
Passengers seriously injured	22.4

"Serious Injuries" include victims admitted in hospital for treatment or observation.

Note: The percentage of serious injuries where victims were not using seat belts does not reflect data for British Columbia.

## Number of Collisions by Location

Location	Fatal	Personal Injury
Urban <sup>1</sup>	910	107,051
Rural <sup>2</sup>	1,700	41,304
Not stated	11	2,744
<b>Total</b>	<b>2,621</b>	<b>151,099</b>

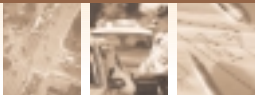
1 Urban includes: (a) metropolitan roads and streets and other urban areas, or (b) a speed limit at the collision site of 60 km/h or less.

2 Rural includes: (a) primary or secondary highways, as well as local roads, or (b) a speed limit at the collision site exceeding 60 km/h.

## Percentage of Fatalities and Serious Injuries by Road User Class

Road User Class	Fatalities	Serious Injuries
Drivers	51.8	50.0
Passengers	24.7	28.5
Pedestrians	14.0	10.3
Cyclists	2.3	3.1
Motorcyclists	5.4	6.3
Not stated	1.8	1.8
<b>Total</b>	<b>100.0</b>	<b>100.0</b>

Note: The percentage of serious injuries by Road User Class does not reflect data for British Columbia and Newfoundland.



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## Percentage of Driver and Passenger Fatalities and Serious Injuries by Age Group

Age Group	Fatalities		Serious Injuries	
	Drivers	Passengers	Drivers	Passengers
0 - 4	0.0	3.3	0.0	4.2
5 - 14	0.1	8.8	0.4	11.2
15 - 19	11.5	20.4	11.4	19.8
20 - 24	14.3	10.7	15.1	13.2
25 - 34	19.4	11.5	21.7	14.2
35 - 44	16.2	15.3	20.4	10.2
45 - 54	12.9	8.7	14.3	8.2
55 - 64	9.6	6.0	7.1	6.1
65 +	16.0	14.7	9.2	9.3
Not stated	0.0	0.6	0.4	3.6
<b>Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>

Note: The percentage of drivers and passengers seriously injured by age group does not reflect data for British Columbia.

## Number of Licensed Drivers by Gender and by Age

Age Group	Males	Females	Total
< 16	26,427	18,387	44,814
16 - 19	544,449	469,172	1,013,621
20 - 24	889,598	805,084	1,694,682
25 - 34	2,109,561	1,943,882	4,053,443
35 - 44	2,636,355	2,429,300	5,065,655
45 - 54	2,127,887	1,910,896	4,038,783
55 - 64	1,330,280	1,102,000	2,432,280
65 +	1,475,379	1,086,074	2,561,453
Not stated	16,710	12,479	29,189
<b>Total</b>	<b>11,156,646</b>	<b>9,777,274</b>	<b>20,933,920</b>



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## Licensed Drivers and Motor Vehicle Registrations by Type of Vehicle • 1980-1999 (in thousands)

	Licensed Drivers <sup>1</sup>	Passenger Automobiles	Commercial Vehicles <sup>2</sup>	Motorcycles <sup>3</sup>
1980	13,877	10,256	2,949	456
1981	14,486	10,199	3,206	431
1982	15,081	10,530	3,307	473
1983	15,298	10,732	3,380	510
1984	15,540	10,781	3,119	507
1985	15,964	11,118	3,213	487
1986	16,226	11,586	3,285	465
1987	16,927	11,686	3,659	448
1988	17,155	12,086	3,850	400
1989	17,592	12,380	3,962	378
1990	17,718	12,622	4,000	359
1991	18,090	12,578	3,516	350
1992	18,465	12,781	3,461	339
1993	18,843	12,925 <sup>r</sup>	3,455 <sup>r</sup>	337 <sup>r</sup>
1994	19,243	13,131 <sup>r</sup>	3,510 <sup>r</sup>	330 <sup>r</sup>
1995	19,327	13,192 <sup>r</sup>	3,535 <sup>r</sup>	320
1996	19,964	13,251 <sup>r</sup>	3,620 <sup>r</sup>	312 <sup>r</sup>
1997	20,148	13,515 <sup>r</sup>	3,684 <sup>r</sup>	319
1998	20,744 <sup>e</sup>	13,887 <sup>r</sup>	3,767 <sup>r</sup>	334 <sup>r</sup>
1999	20,934	14,190	3,859	340

<sup>1</sup> Excludes temporary permits

<sup>2</sup> Includes trucks, buses and other commercial vehicles

<sup>3</sup> Includes mopeds

<sup>e</sup> Estimated

<sup>r</sup> Revised

Source: Statistics Canada, Catalogue No. 53-219, Road Motor Vehicles — Registrations. 1999 data are from provinces and territories.

The decline in police reporting in British Columbia in years 1996 through 1999 has affected the British Columbia totals and, to a lesser extent, national totals reported in this publication.

To find out more about national road safety programs or initiatives, call Transport Canada toll free at 1-800-333-0371 or e-mail us at [roadsafetywebmail@tc.gc.ca](mailto:roadsafetywebmail@tc.gc.ca).

You can also visit the Transport Canada Web Site at [www.tc.gc.ca/roadsafety](http://www.tc.gc.ca/roadsafety).