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Canadian Motor Vehicle Traffic Collision Statistics

TP 3322

Collected in cooperation with the Canadian Council
of Motor Transport Administrators

2011

Canada



Collisions and Casualties • 1982-2001

	Collisions		Victims	
	Fatal ¹	Personal Injury ²	Fatalities ³	Injuries ⁴
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	2,647 ^r	150,118	3,064 ^r	221,349
1998	2,612 ^r	148,414 ^r	2,949 ^r	217,803 ^r
1999	2,636 ^r	151,110 ^r	2,985 ^r	222,551 ^r
2000	2,566 ^r	155,933 ^r	2,926 ^r	227,403 ^r
2001*	2,433	151,835	2,778	221,158

¹ "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).

² "Personal injury collisions" include all reportable motor vehicle crashes which resulted in at least one injury but not death within the timeframes set out in "fatal collisions".

³ "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).

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

* Data for Nunavut are not reported except fatalities.

^r Revised.

Fatalities and Injuries by Age Group

Age Group	Fatalities	Injuries
0 - 4	33	4,061
5 - 14	106	12,769
15 - 19	341	29,137
20 - 24	366	29,194
25 - 34	399	40,650
35 - 44	411	38,948
45 - 54	365	28,511
55 - 64	252	15,346
65 +	488	16,024
Not stated	17	6,518
Total	2,778	221,158



Fatalities by Road User Class

Road User Class		1997	1998	1999	2000	2001
Drivers	#	1,540	1,457 ^r	1,531 ^r	1,467 ^r	1,475
	%	50.3	49.4	51.3	50.2	53.1
Passengers	#	812	718 ^r	720 ^r	749 ^r	683
	%	26.5	24.3	24.1	25.6	24.6
Pedestrians	#	402	406 ^r	419	372 ^r	335
	%	13.1	13.8	14.0	12.7	12.0
Bicyclists	#	67	77	68 ^r	40 ^r	60
	%	2.2	2.6	2.3	1.4	2.2
Motorcyclists*	#	123 ^r	167 ^r	148 ^r	159 ^r	161
	%	4.0	5.7	5.0	5.4	5.8
Not stated /Other	#	120	124 ^r	99 ^r	139 ^r	64
	%	3.9	4.2	3.3	4.7	2.3
Total	#	3,064^r	2,949^r	2,985^r	2,926^r	2,778
	%	100.0	100.0	100.0	100.0	100.0

* Includes moped riders

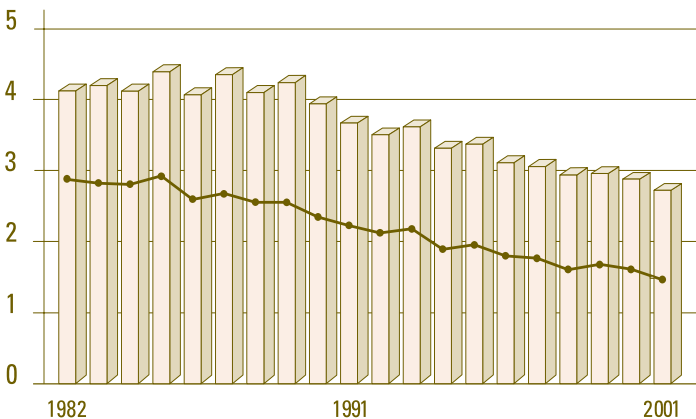
^r Revised

Fatalities • 1982- 2001

●—● Fatality Rate (per 10,000 motor vehicles registered)



Fatalities (thousands of persons)

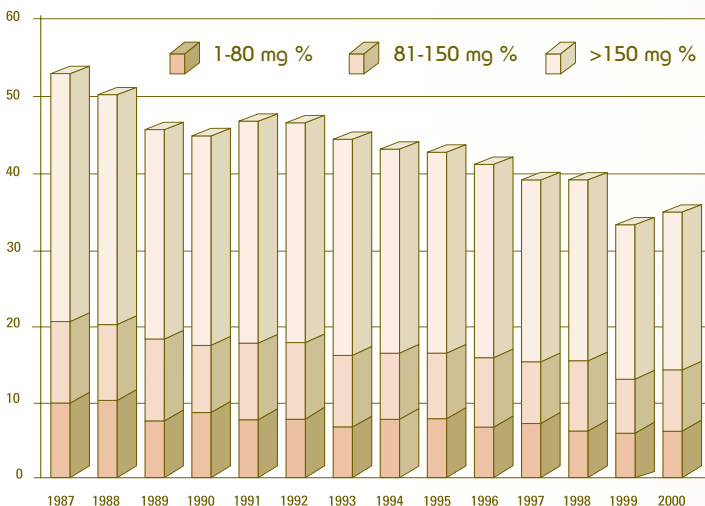


Casualty Rates (per billion vehicle-kilometres*)

	Fatalities		Injuries	
	2000	2001	2000	2001
Canada	9.4	9.0	732.3	713.0
Newfoundland	10.6	9.3	613.7	690.2
Prince Edward Island	15.8	12.2	939.1	896.0
Nova Scotia	9.4	8.2	756.4	647.6
New Brunswick	10.5	11.7	647.0	686.5
Quebec	11.2	8.8	755.3	707.5
Ontario	7.2	7.3	721.4	705.4
Manitoba	10.5	8.3	894.8	799.3
Saskatchewan	12.7	13.0	656.8	547.5
Alberta	8.6	10.0	628.5	682.4
British Columbia	12.0	11.7	849.6	838.5
Yukon	21.7	10.9	745.9	836.7
Northwest Territories	16.6	7.5	738.5	512.8
Nunavut	70.4	47.6	n.a.	n.a.

* Statistics Canada, "Canadian Vehicle Survey", Catalogue No. 53-223-XIE.

Percentage of Fatally Injured Drivers Tested and Found to Have Been Drinking (BAC>0 mg %)*



*BAC: Blood Alcohol Concentration.

mg %: Weight of alcohol in the bloodstream stated as milligrams in 100 millilitres of blood.

Note: 2001 data were not available at the time of publication.

Source: Traffic Injury Research Foundation.



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

	2000	2001
Drivers		
Fatalities	36.8	38.7
Serious Injuries	15.5	16.0
Passengers		
Fatalities	35.2	41.1
Serious Injuries	21.4	23.1

"Serious injuries" include victims admitted to 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 ¹	805	109,405
Rural ²	1,599	40,206
Not stated	29	2,224
Total	2,433	151,835

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	53.1	49.7
Passengers	24.6	28.2
Pedestrians	12.0	10.5
Cyclists	2.2	3.0
Motorcyclists	5.8	6.2
Not Stated	2.3	2.4
Total	100.0	100.0

Note: The percentage of serious injuries by road user class does not reflect data for British Columbia and Newfoundland.



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	3.1	0.0	4.5
5 - 14	0.3	8.3	0.5	9.9
15 - 19	10.5	19.7	10.7	20.4
20 - 24	14.7	12.8	14.7	14.1
25 - 34	17.6	10.6	20.2	13.0
35 - 44	16.7	11.7	19.9	9.8
45 - 54	12.3	8.0	15.3	8.3
55 - 64	11.0	7.0	8.4	5.2
65 +	16.6	17.6	9.9	9.9
Not Stated	0.3	1.2	0.4	4.9
Total	100.0	100.0	100.0	100.0

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	25,288	17,915	43,203
16 - 19	560,816	487,204	1,048,020
20 - 24	896,272	818,066	1,714,338
25 - 34	1,989,382	1,864,027	3,853,409
35 - 44	2,518,130	2,352,757	4,870,887
45 - 54	2,173,280	1,993,127	4,166,407
55 - 64	1,406,940	1,204,441	2,611,381
65 +	1,455,669	1,108,730	2,564,399
Not Stated	3,303	3,411	6,714
Total	11,029,080	9,849,678	20,878,758



Licensed Drivers and Motor Vehicle Registrations by Type of Vehicle • 1982-2001 (in thousands)

	Licensed Drivers ¹	Passenger Automobiles	Commercial Vehicles ²	Motorcycles ³
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	3,455	337
1994	19,243	13,131	3,510	330
1995	19,327	13,192	3,535	320
1996	19,964	13,251	3,620	312
1997	20,148	13,515	3,684	319
1998	20,744 ^e	13,887	3,767	334
1999	20,934	16,538 ^r	722 ^r	274 ^r
2000	20,593	16,832 ^r	739 ^r	311 ^r
2001	20,879	17,055	729	318

¹ Excludes temporary permits.

² Pre-1999, these registrations include trucks, buses and other commercial vehicles. From 1999, these registrations include commercial vehicles (trucks and buses) greater than 4,500 kg.

³ Includes mopeds.

^e Estimated.

^r Revised.

Source: 1982 to 1998: Statistics Canada, Catalogue No. 53-219, "Road Motor Vehicles - Registrations". From 1999, the motor vehicle registrations are from Statistics Canada, "Canadian Vehicle Survey" Catalogue No. 53-223-XIE. From 1999 the licensed drivers were provided by each jurisdiction.

The decline in police reporting in British Columbia in years 1996 through 2001 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. You can also visit our web site at www.tc.gc.ca/roadsafety.