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# Canadian Motor Vehicle Traffic Collision Statistics

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Collected in  
cooperation with  
the Canadian Council  
of Motor Transport  
Administrators



Canada

## Collisions and Casualties • 1984-2003

	Collisions		Victims	
	Fatal <sup>1</sup>	Personal Injury <sup>2</sup>	Fatalities <sup>3</sup>	Injuries <sup>4</sup>
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	150,118	3,064	221,349
1998	2,612	148,414	2,949	217,803
1999	2,636	151,110	2,985	222,551
2000	2,569	156,000	2,927	227,458
2001*	2,434	151,834	2,781	221,121
2002	2,593 <sup>†</sup>	157,074 <sup>†</sup>	2,930 <sup>†</sup>	227,973 <sup>†</sup>
2003*	2,496	154,225	2,778	222,260

<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 timeframes 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.

\* Data for Nunavut are not reported for 2001 and 2003 except for fatalities. Data for Ontario are preliminary for 2003.

<sup>†</sup> Revised.

## Fatalities and Injuries by Age Group

Age Group (yrs)	Fatalities	Injuries
0 - 4	30	2,866
5 - 14	78	12,397
15 - 19	327	27,757
20 - 24	353	29,304
25 - 34	419	40,053
35 - 44	449	38,266
45 - 54	396	30,080
55 - 64	228	17,150
65 +	469	16,682
Not stated	29	7,705
<b>Total</b>	<b>2,778</b>	<b>222,260</b>

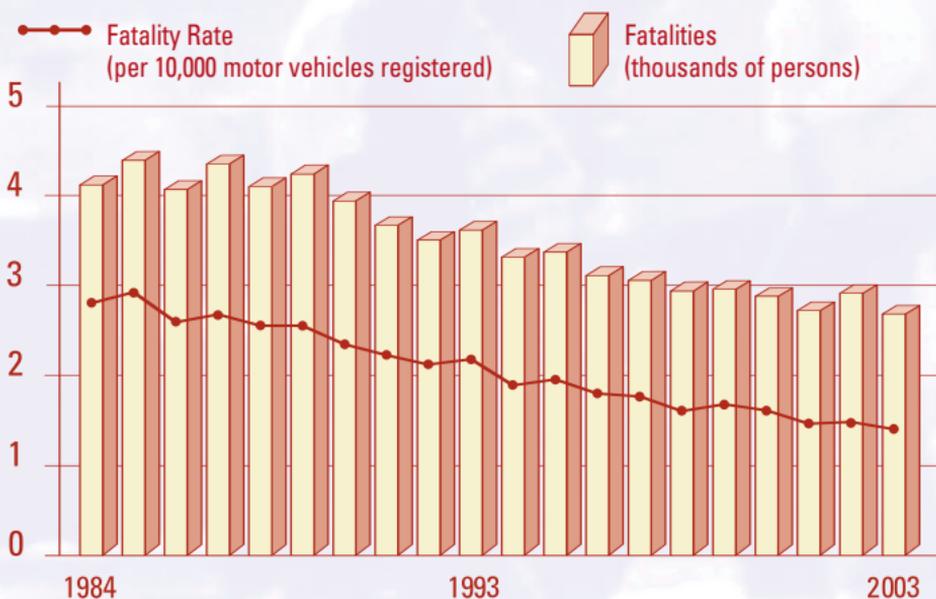
## Fatalities by Road User Class • 1999-2003

Road User Class		1999	2000	2001	2002	2003
Drivers	#	1,531	1,467	1,443	1,514 <sup>r</sup>	1,473
	%	51.3	50.1	51.9	51.7	53.0
Passengers	#	720	749	654	712 <sup>r</sup>	656
	%	24.1	25.6	23.5	24.3	23.6
Pedestrians	#	419	372	335	368 <sup>r</sup>	378
	%	14.0	12.7	12.0	12.6	13.6
Bicyclists	#	68	40	60	63 <sup>r</sup>	45
	%	2.3	1.4	2.2	2.1	1.6
Motorcyclists*	#	160 <sup>r</sup>	173 <sup>r</sup>	157 <sup>r</sup>	172	178
	%	5.4	5.9	5.7	5.9	6.4
Not stated / Other	#	87 <sup>r</sup>	126 <sup>r</sup>	132 <sup>r</sup>	101 <sup>r</sup>	48
	%	2.9	4.3	4.7	3.4	1.7
<b>Total</b>	#	<b>2,985</b>	<b>2,927</b>	<b>2,781</b>	<b>2,930 <sup>r</sup></b>	<b>2,778</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 • 1984-2003

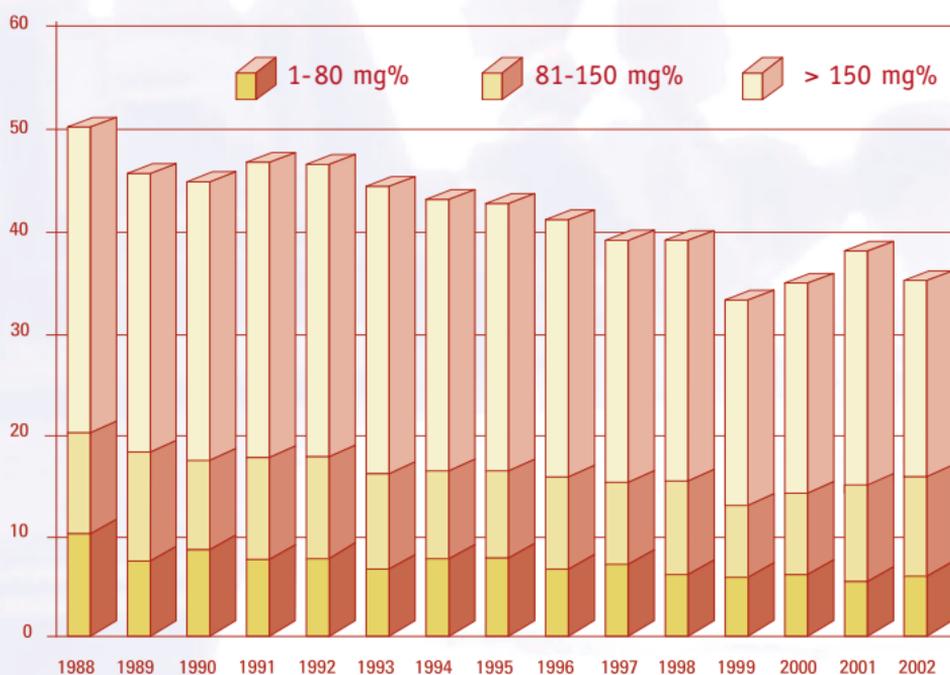


## Casualty Rates

	PER 100,000 POPULATION		PER BILLION VEHICLE-KILOMETRES*		PER 100,000 LICENSED DRIVERS	
	Fatalities	Injuries	Fatalities	Injuries	Fatalities	Injuries
Canada	8.8	702.7	8.9	711.0	13.0	1,036.9
N.L.	7.9	550.8	11.0	768.5	11.8	821.9
P.E.I.	11.6	728.6	12.0	753.3	16.5	1,033.9
N.S.	7.5	565.3	6.7	504.1	10.6	802.7
N.B.	12.4	601.8	11.8	572.5	17.7	859.0
Que.	8.3	746.5	8.4	754.3	13.3	1,200.6
Ont.	6.9	636.0	7.3	669.2	9.9	911.3
Man.	8.9	841.2	8.5	795.9	15.2	1,425.1
Sask.	14.9	760.5	12.1	618.0	22.1	1,131.5
Alta.	12.2	837.9	9.8	671.8	16.3	1,118.0
B.C.	10.6	739.8	12.9	902.5	15.5	1,081.0
Y.T.	22.5	749.2	14.1	468.3	30.6	1,019.8
N.W.T.	7.2	410.5	8.2	471.4	10.2	585.7
Nvt.	20.4	n.a.	n.a.	n.a.	n.a.	n.a.

\* Statistics Canada, "Canadian Vehicle Survey", Catalogue No. 53-223-XIE.  
 Note: Data for Ontario are preliminary for 2003. At this time, there is no official abbreviation for Nunavut. The abbreviation used here is provisional.

## 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: BAC categories are reported as 81-160 mg% and > 160 mg% for 2001 and 2002. 2003 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 • 2000-2003

	2000	2001	2002	2003
<b>Drivers</b>				
Fatalities	36.8	38.7	36.4	36.8
Serious Injuries	15.5	16.0	13.2	14.6
<b>Passengers</b>				
Fatalities	35.2	41.1	33.9	37.4
Serious Injuries	21.4	23.1	19.1	19.8

“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 <sup>1</sup>	936	110,511
Rural <sup>2</sup>	1,539	41,639
Not stated	21	2,075
<b>Total</b>	<b>2,496</b>	<b>154,225</b>

<sup>1</sup> 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.

<sup>2</sup> 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	53.0	51.0
Passengers	23.6	27.6
Pedestrians	13.6	9.8
Bicyclists	1.6	3.0
Motorcyclists	6.4	6.7
Not stated/Other	1.7	1.9
<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 or Newfoundland and Labrador.

## 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	2.2	0.0	5.2
5 - 14	0.3	6.8	0.4	10.8
15 - 19	9.7	18.6	10.5	19.2
20 - 24	12.9	16.2	14.1	14.3
25 - 34	18.3	12.7	20.6	12.5
35 - 44	19.6	8.9	18.9	9.7
45 - 54	16.5	9.3	15.7	8.1
55 - 64	9.4	4.7	9.5	6.7
65 +	13.3	19.1	9.9	9.5
Not Stated	0.1	1.5	0.4	3.9
<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 (yrs)	Males	Females	Total*
< 16	25,568	17,371	42,939
16 - 19	556,591	488,455	1,045,047
20 - 24	915,231	839,161	1,754,394
25 - 34	1,969,364	1,864,187	3,833,556
35 - 44	2,454,013	2,306,489	4,760,515
45 - 54	2,260,193	2,098,220	4,358,434
55 - 64	1,558,098	1,366,467	2,924,581
65 +	1,517,455	1,190,353	2,707,821
Not Stated	4,368	4,370	8,738
<b>Total</b>	<b>11,260,881</b>	<b>10,175,073</b>	<b>21,436,025</b>

\* Gender was not stated for 71 drivers.

# Licensed Drivers and Motor Vehicle Registrations by Type of Vehicle • 1984-2003 (in thousands)

	Licensed Drivers <sup>1</sup>	Passenger Automobiles	Commercial Vehicles <sup>2</sup>	Motorcycles <sup>3</sup>
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 <sup>e</sup>	13,887	3,767	334
1999	20,934	16,538	722	274
2000	20,593	16,832	739	311
2001	20,879	17,055	729	318
2002	21,163	17,543	724	350
2003	21,436	17,755	740	373

<sup>1</sup> Excludes temporary permits prior to 1999.

<sup>2</sup> Pre-1999, these registrations include trucks, buses and other commercial vehicles, such as vans. From 1999, these registrations include commercial vehicles (trucks and buses) greater than 4 500 kg.

<sup>3</sup> Includes mopeds.

<sup>e</sup> Estimated.



Source: 1984 to 1998: Statistics Canada, Catalogue N<sup>o</sup> 53-219, "Road Motor Vehicles - Registrations". From 1999, motor vehicle registration data are from Statistics Canada, CANSIM, Table 405-0004. From 1999, licensed driver data were provided by each jurisdiction.

The decline in police reporting in British Columbia in the years 1996 through 2003 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 our website at [www.tc.gc.ca/roadsafety](http://www.tc.gc.ca/roadsafety) or the Canadian Council of Motor Transport Administrators' website at [www.ccmta.ca](http://www.ccmta.ca).