

Ministry of Transportation

Preliminary 2023 Ontario Road Safety Annual Report Selected Statistics

The following tables were created using the preliminary fatality and injury data
from the 2023 Ontario Collision Database.

Final numbers will vary.

Produced by:

Research and Evaluation Office
Safety Program Development Branch
Ministry of Transportation
87 Sir William Hearst Avenue
Main Floor, Room 212
Toronto, Ontario
M3M 0B4

Phone: 416-235-3585

Fax: 416-235-5129

Synopsis

Selected Statistics*: 2023	
Total Fatal and Personal Injury Collisions	26,993
Total Drivers Involved in Fatal and Personal Injury Collisions	49,106
Total Vehicles Involved in Fatal and Personal Injury Collisions	49,708
Fatal Collisions	568
Personal Injury Collisions	26,425
Persons Killed	616
Drivers Killed (excludes All Terrain Vehicle and Snow Vehicle Drivers)	409
Passengers Killed	89
Pedestrians Killed	96
Other Road Users Killed	22
Persons Injured	36,090
Estimated Ontario Population	15,801,768
Licensed Drivers**	11,209,771
Registered Motor Vehicles	9,981,637
Estimated Vehicle Kilometres Travelled (in millions)***	N/A
Persons Killed in Motor Vehicle Collisions per 100,000 People in Ontario	3.9
Persons Killed in Motor Vehicle Collisions per 100 Million Kilometres Travelled	N/A
Fatal and Personal Injury Collision Rate per 100 Million Kilometres Travelled	N/A
Fatal Collision Rate per 100 Million Kilometres Travelled	N/A
Number of Persons Killed in Motor Vehicle Collisions per 10,000 Licensed Drivers	0.55
* As of April 2024	
** 2023 licenced driver population was derived from a new data source compared to previous years	
*** Estimated VKT for 2023 not yet available	

At a Glance: Situations with the Highest Road Fatalities, 2023

Category	Number of Fatalities	Percentage of Total Fatalities*
Pedestrian fatalities	96	15.6%
Large truck collisions	106	17.2%
Drinking and driving collisions	46**	7.5%
Inattentive driving collisions	64	10.4%
Speed-related collisions	131	21.3%
Motorcyclist fatalities	82	13.3%
Unbelted occupant fatalities	47	7.6%

*Some fatal crashes involve more than one of the factors listed. These percentages do not add to 100.

**This figure has not been verified against fatality files from the Office of the Chief Coroner of Ontario. The final figure will change depending on OCCO findings

Table 2.1: Category of Involved Person by Severity of Injury in Fatal and Personal Injury Collisions, 2023

Category of Involved Person	Severity of Injury				
	Minimal	Minor	Major	Fatal	Total
Driver	9,245	10,839	621	314	21,019
Passenger ¹	3,713	4,209	275	89	8,286
Pedestrian	1,499	1,831	424	96	3,850
Bicyclist ²	734	922	135	16	1,807
Motorcyclist ³	215	771	238	82	1,306
Other Road Users ⁴	160	232	27	19	438
Total	15,566	18,804	1,720	616	36,706

¹ Includes bus passengers

² Includes bicycle passengers

³ Includes motorcycle passengers

⁴ Includes ATV drivers, ATV passengers, snowmobile drivers, snowmobile passengers, moped drivers, moped passengers, and hangers on

Table 2.2 and 2.3 Combined: Drivers Killed and Injured in Collisions by Selected Age Groups*, 2023

Type of Injury	Age Group			Total
	16-19	80+	Other Ages**	
Killed	25	23	361	409
Injured	1,352	661	21,656	23,669
*Includes bicyclists, motorcycle drivers, and moped drivers				
**Includes drivers aged 20-79 and drivers of unknown ages				

Table 3.4: Fatal and Injury Collisions by Initial Impact Type, 2023

Initial Impact Type*	Class of Collision		
	Fatal	Personal Injury	Total
Approaching	118	853	971
Angle	50	3,199	3,249
Rear End	49	5,703	5,752
Sideswipe	20	1,425	1,445
Turning Movement	55	6,384	6,439
With Unattended Motor Vehicle	7	333	340
Single Motor Vehicle	269	8,378	8,647
Other	0	150	150
Unknown	0	0	0
Total	568	26,425	26,993

Table 3.5: Fatal and Injury Collisions by Month of Occurrence, 2023

Month of Occurrence	Class of Collision		
	Fatal	Personal Injury	Total
January	41	1,970	2,011
February	27	1,707	1,734
March	26	1,773	1,799
April	43	1,833	1,876
May	57	2,237	2,294
June	60	2,460	2,520
July	60	2,493	2,553
August	51	2,535	2,586
September	47	2,655	2,702
October	53	2,516	2,569
November	51	2,199	2,250
December	52	2,047	2,099
Total	568	26,425	26,993

Table 5.1: Vehicles Involved in Fatal and Injury Collisions by Vehicle Type, 2023

Vehicle Type	Class of Collision		
	Fatal	Personal Injury	Total
Passenger Car	567	36,293	36,860
Passenger Van	17	1,200	1,217
Pickup Truck	144	4,525	4,669
Delivery Van	7	609	616
Large Truck	107	1,504	1,611
Bus	5	392	397
School Vehicle	8	111	119
Emergency Vehicle	0	147	147
Motorcycle and Moped	88	1,235	1,323
Other*	33	2,214	2,247
Unknown	6	496	502
Total**	982	48,726	49,708

*Includes tow truck, off-road vehicle, snowmobile, snow plow, farm vehicle, construction equipment, motor home, railway train, street car, bicycle, other motor vehicle and other non-motor vehicle