

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.

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Synopsis

Selected Statistics*: 2023	Total
Total fatal and personal injury collisions	28,160
Total drivers involved in fatal and personal injury collisions	51,142
Total vehicles involved in fatal and personal injury collisions	51,796
Fatal collisions	584
Personal injury collisions	27,576
Persons killed	641
Drivers killed (excludes all-terrain vehicle and snow vehicle drivers)	426
Passengers killed	96
Pedestrians killed	102
Other road users killed	17
Persons injured	38,007
Estimated Ontario population	15,818,465
Licensed drivers**	11,548,593
Registered motor vehicles	9,981,637
Estimated vehicle kilometres travelled (in millions)	181,609
Persons killed in motor vehicle collisions per 100,000 people in Ontario	4.05
Persons killed in motor vehicle collisions per 100 million kilometres travelled	0.35
Fatal and personal injury collision rate per 100 million kilometres travelled	15.51
Fatal collision rate per 100 million kilometres travelled	0.32
Number of persons killed in motor vehicle collisions per 10,000 licensed drivers	0.56

* As of April 2024.

** 2023 licensed driver population was derived from a new data source compared to previous years.

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

Category	Number of Fatalities	Percentage of Total Fatalities*
Pedestrian fatalities	102	15.9%
Large truck collisions	113	17.6%
Drinking and driving collisions	50**	7.8%
Inattentive driving collisions	69	10.8%
Speed-related collisions	151	23.6%
Motorcyclist fatalities	85	13.3%
Unbelted occupant fatalities	92	14.4%

* 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	Minimal	Minor	Major	Fatal	Total
Driver	9,732	11,381	647	326	22,086
Passenger ¹	3,938	4,438	288	93	8,757
Pedestrian	1,611	1,942	457	102	4,112
Bicyclist ²	644	782	105	14	1,545
E-bike (power-assisted bicycle)	89	171	24	2	286
Electric kick-style scooter (e-scooter)	32	50	14	1	97
Motorcyclist ³	224	791	247	85	1,347
Other road users ⁴	149	225	26	18	418
Total	16,419	19,780	1,808	641	38,648

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 16-19	Age 80+	Other Ages**	Total
Killed	25	25	376	426
Injured	1,407	711	22,767	24,885

* 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	Fatal	Personal Injury	Total
Approaching head on	119	882	1,001
Angle	52	3,293	3,345
Rear end	50	5,911	5,961
Sideswipe	0	98	98
Sideswipe same direction	11	1,235	1,246
Sideswipe opposite direction	9	177	186
Turning movement	58	6,655	6,713
Reversing	0	140	140
With unattended motor vehicle	8	355	363
Single motor vehicle	277	8,815	9,092
Other	0	15	15
Unknown	0	0	0
Total	584	27,576	28,160

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

Month of Occurrence	Fatal	Personal Injury	Total
January	41	2,011	2,052
February	27	1,756	1,783
March	27	1,842	1,869
April	43	1,923	1,966
May	58	2,308	2,366
June	60	2,533	2,593
July	61	2,580	2,641
August	53	2,615	2,668
September	48	2,735	2,783
October	57	2,633	2,690
November	53	2,396	2,449
December	56	2,244	2,300
Total	584	27,576	28,160

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

Vehicle Type	Fatal	Personal Injury	Total
Passenger car	580	37,653	38,233
Passenger van	17	1,251	1,268
Pickup truck	148	4,636	4,784
Delivery van	7	645	652
Large truck	114	1,634	1,748
Bus	5	547	552
School vehicle	8	127	135
Emergency vehicle	0	154	154
Motorcycle and moped	90	1,269	1,359
Other*	34	2,359	2,393
Unknown	6	512	518
Total	1,009	50,787	51,796

* 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.