

Ministry of Transportation

Preliminary 2022 Ontario Road Safety Annual Report Selected Statistics

The following tables were created using the preliminary fatality and injury data from the 2022 Ontario Collision Database.

Final numbers will vary.

Produced by:

Road Safety Research Office
Safety Policy and Education 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*: 2022	
Total Fatal and Personal Injury Collisions	25,165
Total Drivers Involved in Fatal and Personal Injury Collisions	46,137
Total Vehicles Involved in Fatal and Personal Injury Collisions	46,749
Fatal Collisions	530
Personal Injury Collisions	24,635
Persons Killed	592
Drivers Killed (excludes All Terrain Vehicle and Snow Vehicle Drivers)	375
Passengers Killed	95
Pedestrians Killed	92
Other Road Users Killed	30
Persons Injured	33,756
Estimated Ontario Population	15,262,660
Licensed Drivers**	11,040,417
Registered Motor Vehicles**	9,529,898
Estimated Vehicle Kilometres Travelled (in millions)**	156,252
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	0.38
Fatal and Personal Injury Collision Rate per 100 Million Kilometres Travelled	16.10
Fatal Collision Rate per 100 Million Kilometres Travelled	0.34
Number of Persons Killed in Motor Vehicle Collisions per 10,000 Licensed Drivers	0.54
*As of February 2023	
**Projected value	

At a Glance: Situations with the Highest Road Fatalities, 2022

Category	Number of Fatalities	Percentage of Total Fatalities*
Pedestrian fatalities	92	15.5%
Large truck collisions	110	18.6%
Drinking and driving collisions	68**	11.0%
Inattentive driving collisions	97	16.4%
Speed-related collisions	105	17.7%
Motorcyclist fatalities	83	14.0%
Unbelted occupant fatalities	79	13.4%
<p>*Some fatal crashes involve more than one of the factors listed. These percentages do not add to 100.</p> <p>**This figure has not been verified against fatality files from the Office of the Chief Coroner (OCC) of Ontario. The final figure will change depending on OCC findings</p>		

Table 2.1: Category of Involved Person by Severity of Injury in Fatal and Personal Injury Collisions, 2022

Category of Involved Person	Severity of Injury				
	Minimal	Minor	Major	Fatal	Total
Driver	8,992	10,410	576	274	20,252
Passenger ¹	3,635	4,049	221	95	8,000
Pedestrian	1,102	1,498	374	92	3,066
Bicyclist ²	540	737	116	19	1,412
Motorcyclist ³	234	697	224	82	1,237
Other Road Users ⁴	150	168	33	30	381
Total	14,653	17,559	1,544	592	34,348
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*, 2022

Type of Injury	Age Group			Total
	16-19	80+	Other Ages**	
Killed	22	22	331	375
Injured	1,300	556	20,639	22,495
*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, 2022

Initial Impact Type*	Class of Collision		
	Fatal	Personal Injury	Total
Approaching	97	731	828
Angle	45	3,102	3,147
Rear End	54	5,537	5,591
Sideswipe	21	1,550	1,571
Turning Movement	67	5,704	5,771
With Unattended Motor Vehicle	7	292	299
Single Motor Vehicle	239	7,587	7,826
Other	0	132	132
Unknown	0	0	0
Total	530	24,635	25,165

Table 3.5: Fatal and Injury Collisions by Month of Occurrence, 2022

Month of Occurrence	Class of Collision		
	Fatal	Personal Injury	Total
January	31	1,673	1,704
February	32	1,812	1,844
March	30	1,764	1,794
April	39	1,745	1,784
May	37	2,203	2,240
June	49	2,400	2,449
July	68	2,414	2,482
August	67	2,344	2,411
September	50	2,282	2,332
October	48	2,319	2,367
November	42	1,990	2,032
December	37	1,689	1,726
Total	530	24,635	25,165

Table 5.1: Vehicles Involved in Fatal and Injury Collisions by Vehicle Type, 2022

Vehicle Type	Class of Collision		
	Fatal	Personal Injury	Total
Passenger Car	526	33,509	34,035
Passenger Van	23	1,319	1,342
Pickup Truck	132	4,344	4,476
Delivery Van	9	597	606
Large Truck	105	1,912	2,017
Bus	4	462	466
School Vehicle	1	120	121
Emergency Vehicle	3	167	170
Motorcycle and Moped	88	1,198	1,286
Other*	51	1,885	1,936
Unknown	2	292	294
Total	944	45,805	46,749
*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			