

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.

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Synopsis

Selected Statistics*: 2022	
Total Fatal and Personal Injury Collisions	27,292
Total Drivers Involved in Fatal and Personal Injury Collisions	50,132
Total Vehicles Involved in Fatal and Personal Injury Collisions	50,791
Fatal Collisions	544
Personal Injury Collisions	26,748
Persons Killed	606
Drivers Killed (excludes All Terrain Vehicle and Snow Vehicle Drivers)	384
Passengers Killed	95
Pedestrians Killed	97
Other Road Users Killed	30
Persons Injured	36,469
Estimated Ontario Population	15,283,961
Licensed Drivers	11,164,837
Registered Motor Vehicles	9,984,240
Estimated Vehicle Kilometres Travelled (in millions)	155,303
Persons Killed in Motor Vehicle Collisions per 100,000 People in Ontario	3.97
Persons Killed in Motor Vehicle Collisions per 100 Million Kilometres Travelled	0.39
Fatal and Personal Injury Collision Rate per 100 Million Kilometres Travelled	17.57
Fatal Collision Rate per 100 Million Kilometres Travelled	0.35
Number of Persons Killed in Motor Vehicle Collisions per 10,000 Licensed Drivers	0.54
*As of April 2024	

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

Category	Number of Fatalities	Percentage of Total Fatalities*
Pedestrian fatalities	97	16.0%
Large truck collisions	111	18.3%
Drinking and driving collisions	71**	11.7%
Inattentive driving collisions	99	16.3%
Speed-related collisions	110	18.2%
Motorcyclist fatalities	86	14.2%
Unbelted occupant fatalities	77	12.7%

*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, 2022

Category of Involved Person	Severity of Injury				
	Minimal	Minor	Major	Fatal	Total
Driver	9,861	11,042	629	280	21,812
Passenger ¹	3,925	4,269	248	95	8,537
Pedestrian	1,246	1,624	408	97	3,375
Bicyclist ²	630	827	128	19	1,604
Motorcyclist ³	253	740	246	85	1,324
Other Road Users ⁴	163	191	39	30	423
Total	16,078	18,693	1,698	606	37,075

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	23	23	338	384
Injured	1,382	604	22,339	24,325
*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	99	778	877
Angle	45	3,365	3,410
Rear End	56	6,043	6,099
Sideswipe	21	1,674	1,695
Turning Movement	70	6,262	6,332
With Unattended Motor Vehicle	7	322	329
Single Motor Vehicle	246	8,152	8,398
Other	0	152	152
Unknown	0	0	0
Total	544	26,748	27,292

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

Month of Occurrence	Class of Collision		
	Fatal	Personal Injury	Total
January	31	1,733	1,764
February	33	1,835	1,868
March	30	1,804	1,834
April	39	1,808	1,847
May	37	2,316	2,353
June	49	2,518	2,567
July	69	2,562	2,631
August	69	2,539	2,608
September	52	2,581	2,633
October	50	2,651	2,701
November	45	2,330	2,375
December	40	2,071	2,111
Total	544	26,748	27,292

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	543	36,511	37,054
Passenger Van	23	1,412	1,435
Pickup Truck	136	4,659	4,795
Delivery Van	9	650	659
Large Truck	106	2,038	2,144
Bus	5	504	509
School Vehicle	1	131	132
Emergency Vehicle	3	179	182
Motorcycle and Moped	91	1,285	1,376
Other*	51	2,113	2,164
Unknown	2	339	341
Total**	970	49,821	50,791

*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