ONTARIO ROAD SAFETY

Annual Report 2011

Ontario

Printed on paper with recycled content.

ISSN #0832-8269 (Printed Version)
ISSN #1710-2480 (Internet Version)

ONTARIO ROAD SAFETY ANNUAL REPORT 2011

This document is available online at:

http://www.ontario.ca/orsar

If you are seeking information on how to reduce your risk of being in a collision, visit your local DriveTest Centre, or visit the Ministry of Transportation website at ontario.ca/transportation. For all other road safety public education materials please go to the ServiceOntario Publications website at http://www.*serviceontario.ca/publications*, or call 416-326-5300 or 1-800-668-9938.

The Ministry of Transportation's Official Driver's Handbook is available online at http://www.*mto.gov.on.ca/english/dandv/driver/handbook*. You can also purchase hard-copies at DriveTest Centres, and at various department stores, automotive retail outlets and book stores.

For more information on the data in this publication, please contact the Road Safety Policy Office – 416-235-3585.

Produced by:

Road Safety Policy Office - Vehicles
Safety Policy & Education Branch
Ministry of Transportation
1201 Wilson Avenue
Building A, Main Floor, Room 212
Toronto, Ontario
M3M 1J8

Phone: 416-235-3585
Fax: 416-235-5129

CONTENTS

TABLES AND FIGURES

FOREWORD

FOREWORD

Ontario's roads are among the safest in North America.

In 2011, Ontario's fatality rate of 0.53 per 10,000 licensed drivers was the lowest ever recorded in Ontario. It was the second lowest in all of North America, behind only the Northwest Territories.

In 2011, the number of traffic fatalities on Ontario roads was 498, which is the lowest number of fatalities since 1944.

The number of licensed drivers increased by over 122,000 to over 9.3 million in 2011.

The number of drinking and driving fatalities decreased from 160 in 2010 to 116 in 2011, a reduction of 27.5 per cent.

The number of people killed in speed-related collisions decreased from 87 in 2010 to 80 in 2011, a reduction of 8.0 per cent.

While the number of licensed senior drivers and drivers aged 16-19 both increased, fatalities among these age groups decreased.

Ontario Road Safety Annual Report 2011

What is the Ontario Road Safety Annual Report (ORSAR)?

On average, one person is killed on Ontario's roads every 18 hours.

Road safety is a priority for the Ontario government. As technology, vehicles, and people's attitudes evolve over time, so do transportation needs and demands. With shifting economic and demographic factors, new road safety challenges can arise.

ORSAR allows the Ontario government to monitor its progress in improving road safety year-by-year. The report provides valuable data and guides the government as it determines where more effort is required.

ORSAR is used by the Ministry of Transportation, Ontario (MTO) for policy and program analysis and development, road safety research, public education and performance measurement. ORSAR data is also used by road safety and injury prevention organizations, transportation associations, research institutions, police services and other ministries and governments.

To help the government address and meet new challenges, ORSAR provides valuable insights about long-term and emerging trends in Ontario and across other jurisdictions in North America.

To produce ORSAR, MTO collects data from several different sources, including police services, other ministries, and the Office of the Chief Coroner.

Ontario's roads consistently rank among the safest in North America. Over the past 13 years, our province has ranked either first or second among all North American jurisdictions. By continuing to work with our road safety partners and monitoring trends captured in ORSAR, Ontario can continue to develop new and innovative road safety strategies that will help save lives and keep Ontario's roads among the safest in the world.

Key Road Safety Findings for Ontario in 2011

For more than 20 years, Ontario has measured road safety by calculating the number of collision-related fatalities for every 10,000 licensed drivers.

In Ontario, the fatality rate per 10,000 licensed drivers in 2011 was 0.53 – the lowest ever recorded. The actual number of fatalities was 498. This is the lowest number of fatalities since 1944.

The fatality rate places Ontario second in all of North America, behind only the Northwest Territories. Ontario has now ranked first or second for 13 years in a row.

The number of injuries in Ontario was 62,019, a decrease of 2,495 from 2010, and the lowest number of injuries since 1965.

Road Safety in Ontario: 2010 vs 2011

Category	2010	2011
Number of Fatalities	579	498
Number of Injuries	64,514	62,019
Fatality Rate per 10,000 Licensed Drivers	0.63	0.53
Injury Rate per 10,000 Licensed Drivers	69.8	66.2

Road Safety in Ontario: Significant Progress Since 2002

Category	2002	2011	Change	% Change
Number of Fatalities	873	498	(375)	(43.0)
Number of Injuries	84,192	62,019	(22,173)	(26.3)
Fatality Rate per 10,000 Licensed Drivers	1.04	0.53	(0.51)	(49.0)
Injury Rate per 10,000 Licensed Drivers	100.1	66.2	(33.9)	(33.9)

Top Priority Road Safety Issues

Road safety is a challenge that requires commitment to build on our efforts year after year. We can take pride in milestone achievements, but keep in mind that they are milestones – the challenge is always to do more, to save more lives.

In recent years, the Ontario government has led the way by working with many road safety partners, including police, public health and safety organizations in the public, corporate and not-for-profit sectors. With support from these partners, Ontario has developed and introduced numerous pieces of legislation aimed at making our roads safer each year.

Recent legislation and new measures include:

- street racing / stunt driving legislation
- blood Alcohol Content (BAC) warn range sanctions / reduced suspension
- zero BAC for drivers 21 and under
- distracted driving legislation
- speed limiters for large trucks
- expanded vehicle impoundment program
- increased penalties for infractions
- a made-in-Ontario cycling strategy

ORSAR 2011 indicates that our legislation, combined with strong enforcement and education, is achieving positive results. A quick look at some key statistics underlines this continuing success.

Drinking and Driving

Ontario's drinking and driving fatality rate was 0.12 per 10,000 licensed drivers, the lowest fatality rate compared to the 50 U.S. States and the District of Columbia. The actual number of fatalities was 116 in 2011.

Drugs and Driving

Beginning in February 2011, the Office of the Chief Coroner of Ontario initiated a pilot project where all drivers killed in motor vehicle collisions were tested for the presence of drugs. The drug testing conducted during the pilot will become a permanent practice.

As a result of this increased testing, the number of fatalities attributed to drugs other than alcohol increased by 56, from 5 fatalities in 2010 to 61 in 2011.

Speeding / Street Racing

The number of people killed in Ontario in speed-related collisions dropped from 87 in 2010 to 80 in 2011 – a reduction of 8.0 per cent.

Street racers and other drivers who put other road users at risk by driving aggressively now face roadside vehicle impoundment and licence suspensions, and upon conviction face a fine of up to $10,000, a jail term of up to six months, and prolonged licence suspensions.

Inattentive Driving

The number of people killed in Ontario in collisions involving an inattentive driver increased from 63 in 2010 to 72 in 2011 – a rise of 14.3 per cent.

Senior Drivers Fatalities

The number of licensed senior drivers aged 80 and over has increased four-fold over the past 20 years, from over 65,000 in 1992 to over 260,000 in 2011.

Fatalities among senior drivers age 80 and over decreased from 24 in 2010 to 23 in 2011.

Young Drivers Fatalities

The number of licensed drivers aged 16-19 increased by more than 4,400 in 2011, compared to the previous year.

Fatalities among young drivers aged 16-19 decreased from 24 in 2010 to 19 in 2011.

Large Truck Fatalities

Ontario has some of the most stringent truck safety laws in North America.

There were 101 fatalities in collisions involving large trucks in 2011, a decrease from 109 in 2010.

In addition, fewer than 2 per cent of the 105 large trucks involved in fatal crashes were found to have safety defects that may have contributed to the crashes.

In comparison to all other drivers, large truck drivers involved in fatal collisions are more likely to be “driving properly” – 70 per cent vs. 46 per cent for all other drivers. Large truck drivers are also less likely to be impaired by alcohol or drugs – 3 per cent vs. 11 per cent for all other drivers.

Seat Belts

In 2011, 74 vehicle occupants were killed while not wearing a seat belt — a decrease from 100 in 2010.

Even though a Transport Canada survey shows Ontario has a 96 per cent seatbelt usage rate, about one in every four vehicle occupants killed on Ontario’s roads were unbelted.

Vulnerable Road Users

The number of motorcycle rider fatalities decreased from 47 in 2010 to 38 in 2011 – down 19.1 per cent.

The number of pedestrian fatalities increased from 95 in 2010 to 98 in 2011 – a rise of 3.2 per cent.

The number of bicycling fatalities increased from 18 in 2010 to 21 in 2011 – a rise of 16.7 per cent.

At a Glance: Situations with the Highest Road Fatalities

Category	Number of Fatalities	Percentage of Total Fatalities*
Drinking and driving collisions	116	23.30%
Large truck collisions	101	20.30%
Pedestrian fatalities	98	19.70%
Speed-related collisions	80	16.10%
Unbelted occupant fatalities	74	14.90%
Inattentive driving collisions	72	14.50%
Drug-involved driving collisions	61	12.20%
Motorcyclist fatalities	38	7.60%

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

Looking Ahead: Next Steps

For 13 years in a row, Ontario has ranked first or second in North America as the jurisdiction with the lowest number of road fatalities per 10,000 licensed drivers. The province has also achieved target reductions in fatalities and serious injuries, despite annual increases in the number of licensed drivers.

Road safety is a challenge that evolves with growing populations, new technologies and urban and rural development. The future brings with it new priorities that we are committed to address. These include:

- drug-impaired driving as an emerging issue
- sharing the road with vulnerable road users, such as pedestrians and cyclists
- senior drivers and driver fitness in light of an aging population and health issues
- all-terrain vehicle safety

Social marketing has been an important means to educate the public and help save lives. It aims to change behaviours and change attitudes, to promote safety awareness and make our streets safer.

Studies show road safety marketing campaigns result in a 12 per cent reduction in collisions. Ontario aims to be among the many countries that emphasize proactive, preventative measures, particularly education and awareness initiatives that reduce risky driving behaviour

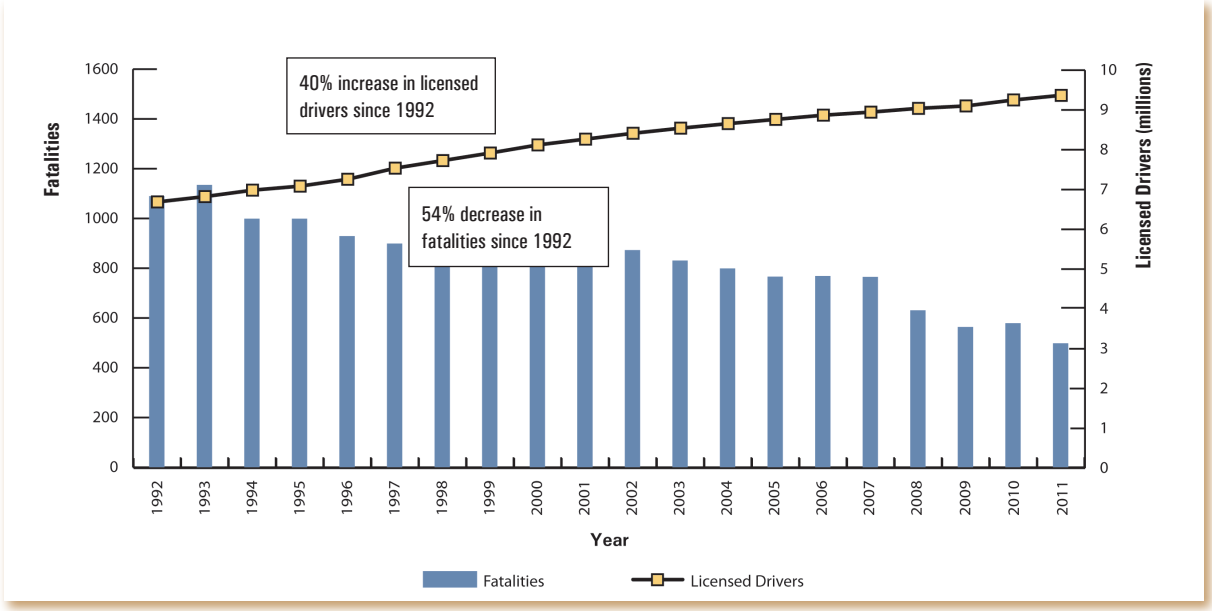
Conclusion

ORSAR 2011 confirms that Ontario is a world leader in road safety.

We continue to work closely with our road safety partners and support police in their efforts to crack down on unsafe drivers and driving practices. As we review the findings of this year's report, we will strive to achieve better results and more milestones, and make Ontario's roads the safest in the world.

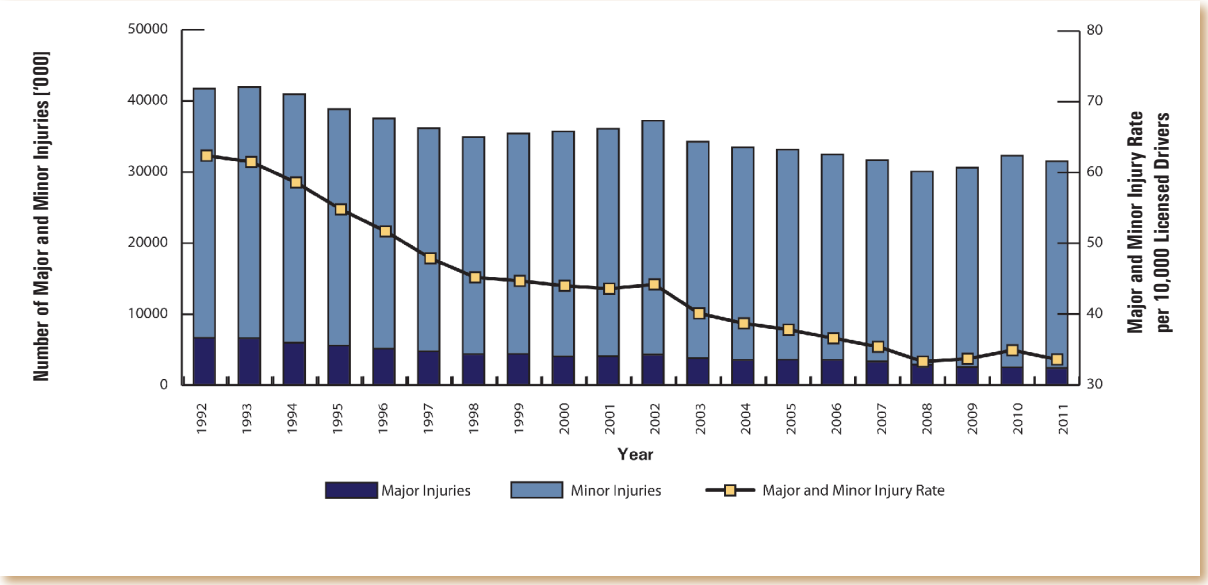
Key Road Safety Statistical Trends

Number of Fatalities and Licensed Drivers, 1992–2011



Between 1992 and 2011, the number of licensed drivers increased by 40 per cent. In contrast, the number of fatalities decreased by 54 per cent over this 20-year period.

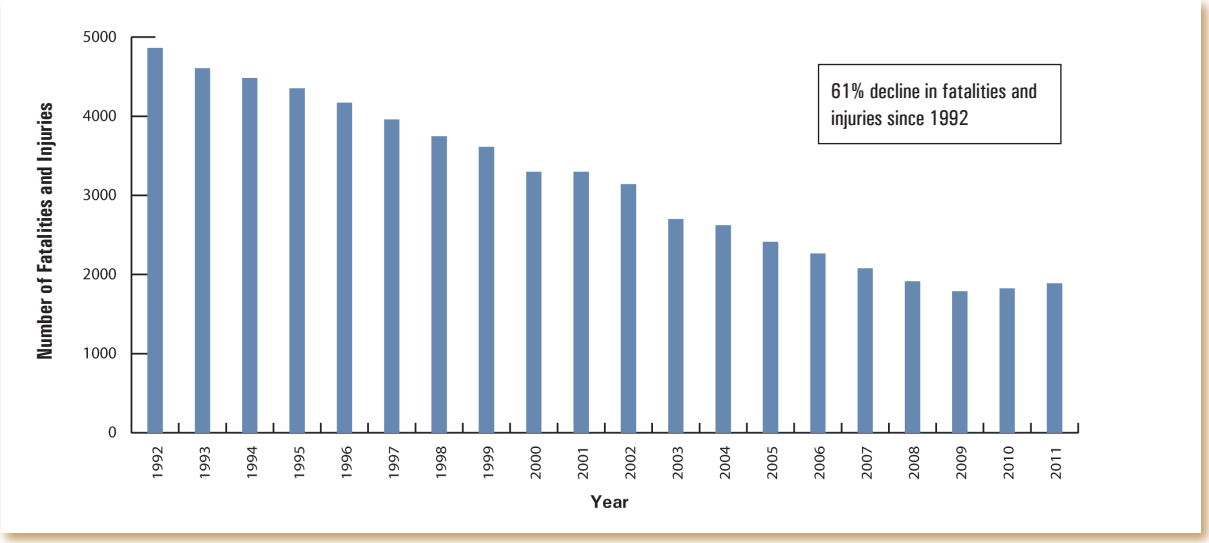
Number and Rate of Major and Minor Injuries, 1992–2011



In 2011, 62,019 people were injured (including major, minor and minimal injuries) in motor vehicle crashes, 29,006 fewer than in 1992. This puts the number of injuries on the province's roadways at its lowest level since 1965.

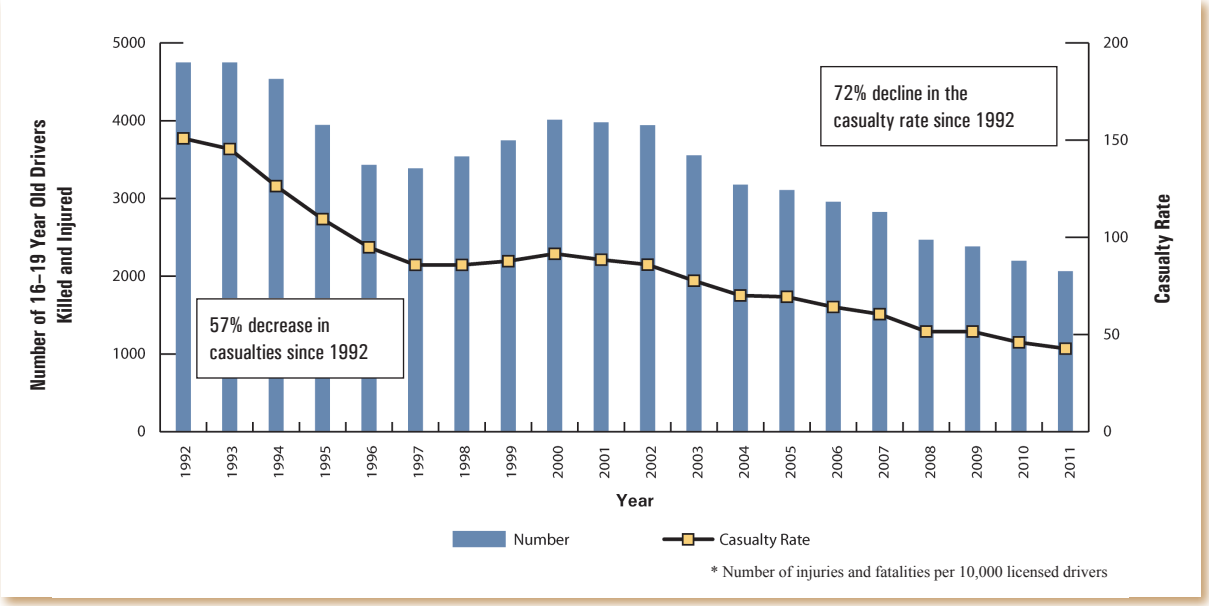
Fatality and Injury Trends for Different Age Groups

Number of Persons Age 0–9 Killed and Injured, 1992–2011



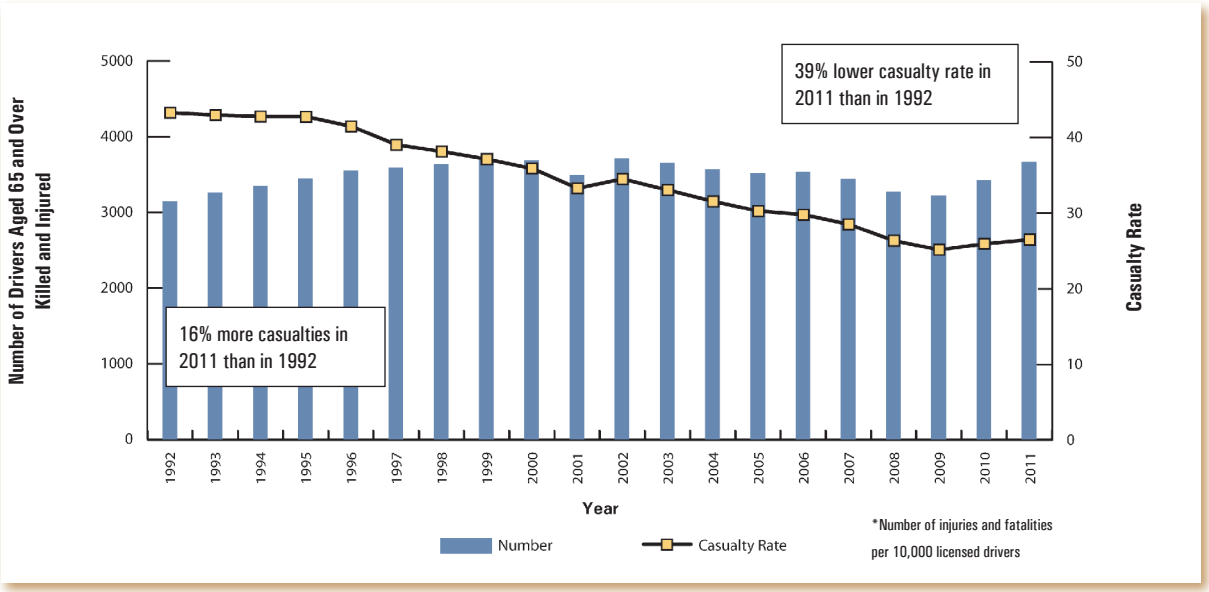
Between 1992 and 2011, the number of traffic fatalities and injuries among children aged 0-9 has dropped steadily, leading to an overall decline of 61 per cent.

Number and Rate* of Drivers 16–19 Years Old Killed and Injured, 1992–2011



The number of 16-19 year old driver casualties (deaths or injuries) have declined, with a 57 per cent decrease in the number killed/injured and a 72 per cent decline in the casualty rate since 1992. Over the same time period 1992-2011, the number of licensed drivers aged 16-19 increased by 53 per cent, from 314,685 to 482,743.

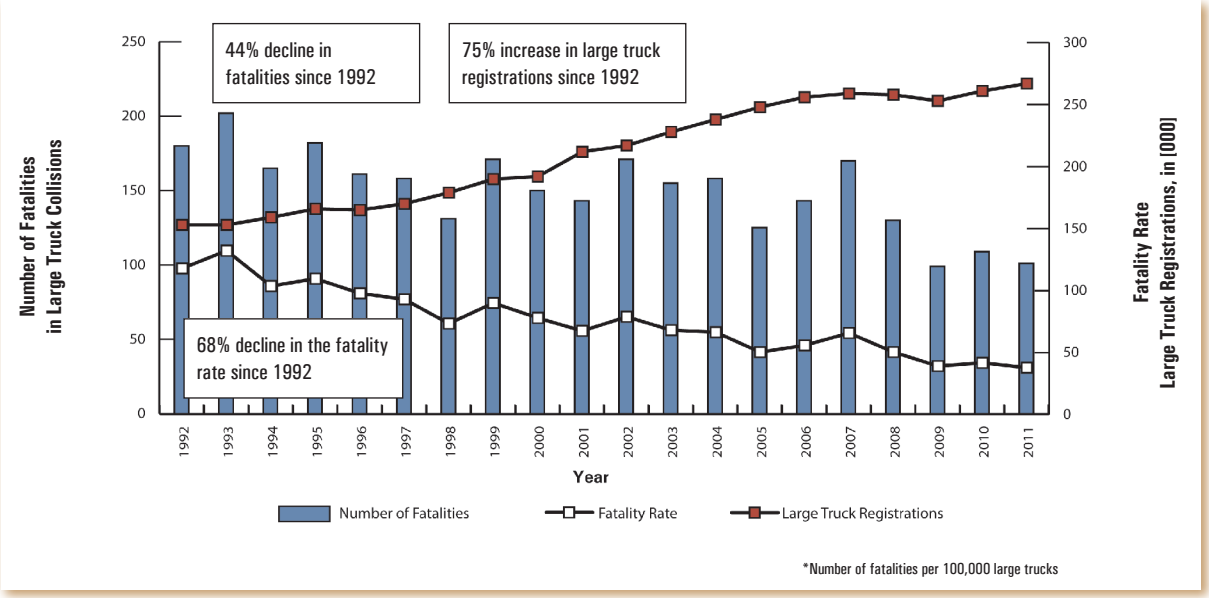
Number and Rate* of Drivers Aged 65 and Over Killed and Injured, 1992–2011



The number of drivers aged 65 and over killed and injured increased by 16 per cent between 1992 and 2011. However, the population of drivers age 65 and over has been increasing more rapidly, therefore, the casualty rate per 10,000 licensed drivers has decreased by 39 per cent.

Large Trucks

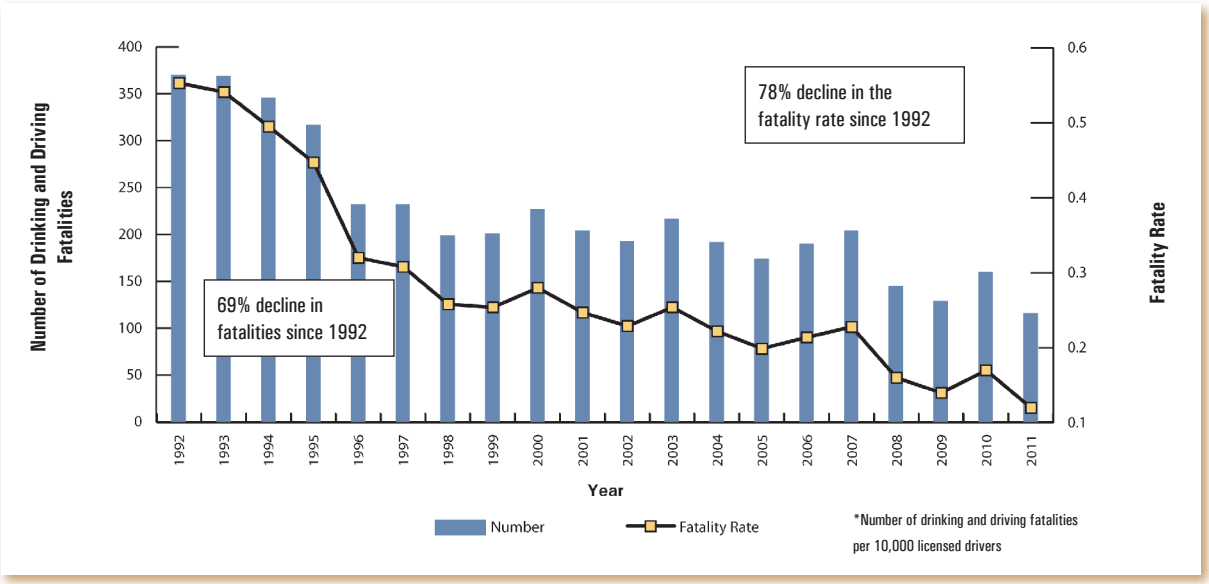
Number and Rate* of Fatalities in Large Truck Collisions; Large Truck Registrations, 1992–2011



Ontario's data shows that despite an increase of 75 per cent in the number of large trucks registered in Ontario, the number of large truck fatalities decreased from 180 in 1992 to 101 in 2011, down 44 per cent.

Drinking and Driving

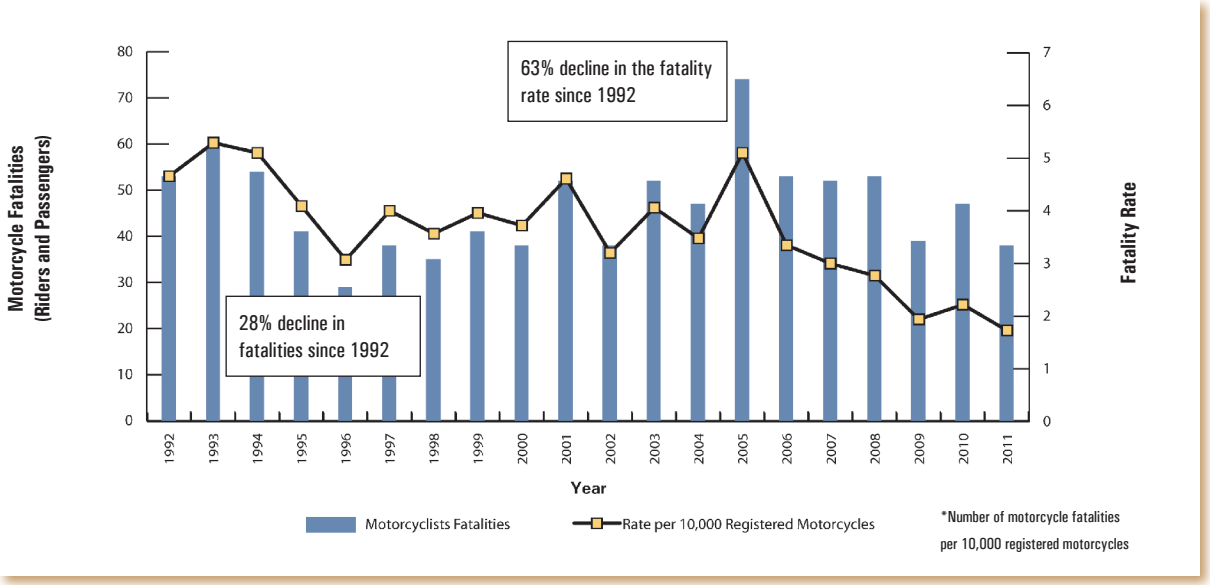
Number and Rate* of Drinking and Driving Fatalities, 1992–2011



Both the number of drinking and driving fatalities and the fatality rate per 10,000 licensed drivers have declined dramatically from 1992, by 69 per cent and 78 per cent respectively.

Vulnerable Road Users

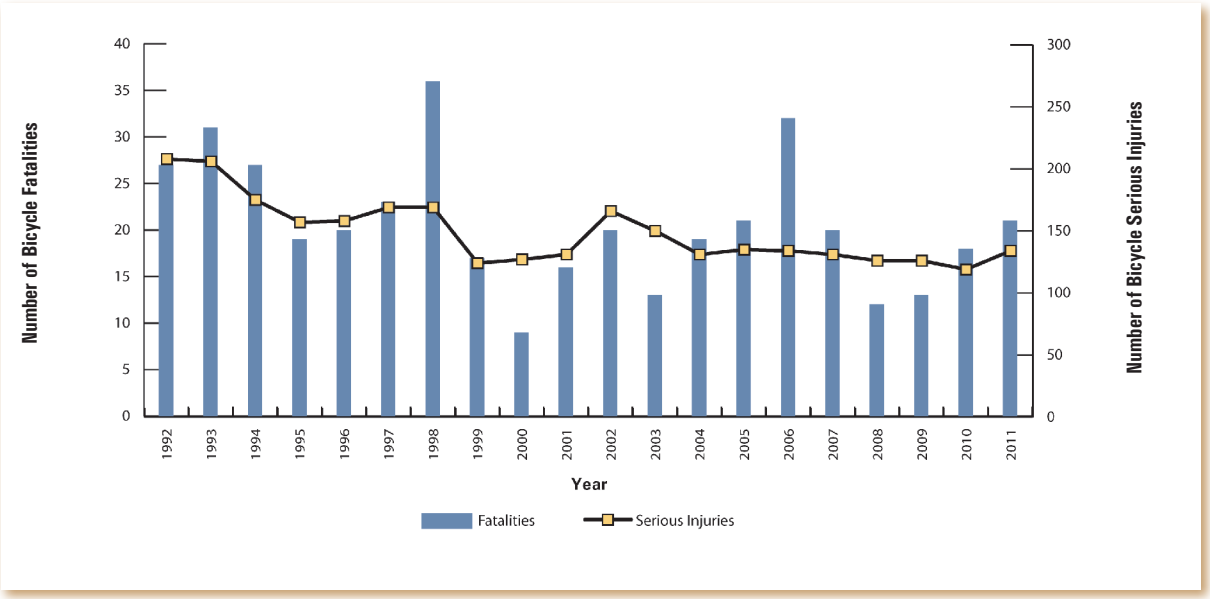
Number and Rate* of Motorcycle Fatalities, 1992–2011



Motorcycle registrations increased 4 per cent from 211,536 in 2010 to 220,026 in 2011. At the same time, motorcycle rider fatalities decreased from 47 in 2010 to 38 in 2011.

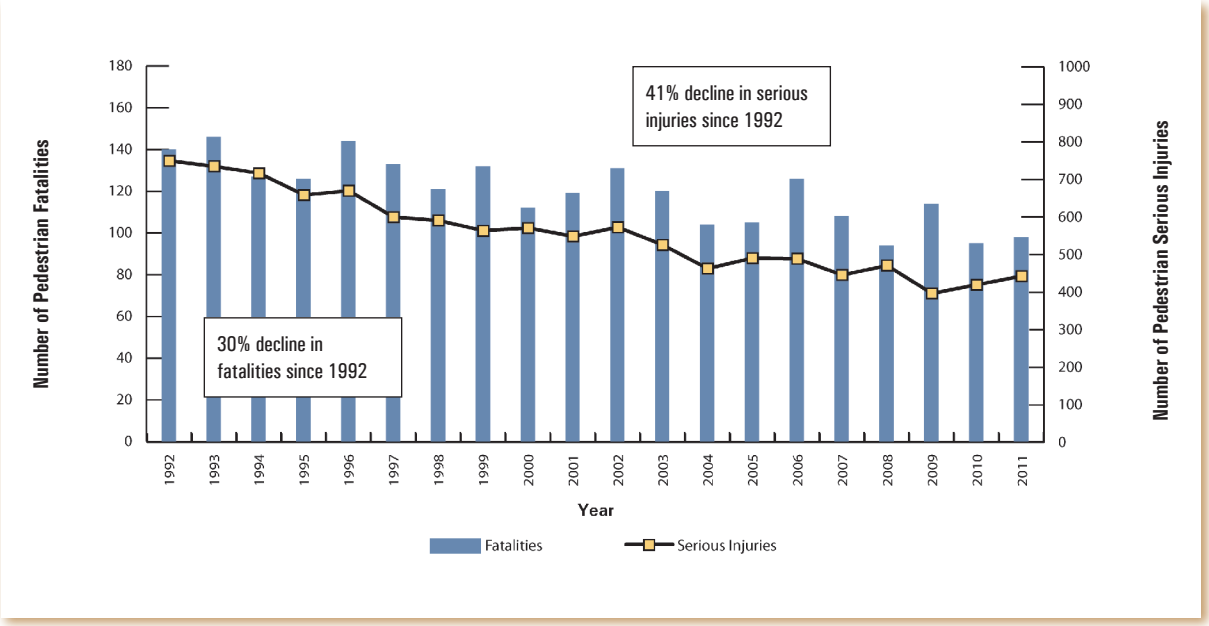
Over the long term, between 1992 and 2011, there has been a 63 per cent decline in the fatality rate per 10,000 motorcycle registrations.

Number of Bicycle Fatalities and Serious Injuries, 1992–2011



Between 1992 and 2011, the number of bicycle rider fatalities fluctuated between a high of 36 in 1998 and a low of 9 in 2000. There were 21 bicycle rider fatalities in 2011.

Number of Pedestrian Fatalities and Serious Injuries, 1992–2011



Between 1992 and 2011, the number of pedestrian fatalities was highest in 1993 with 146, and reached its lowest level in two decades in 2008 with 94. The number of pedestrian fatalities increased slightly from 95 in 2010 to 98 in 2011, up by 3 per cent. The number of pedestrian serious injuries increased from 420 in 2010 to 443 in 2011, up 5 per cent.

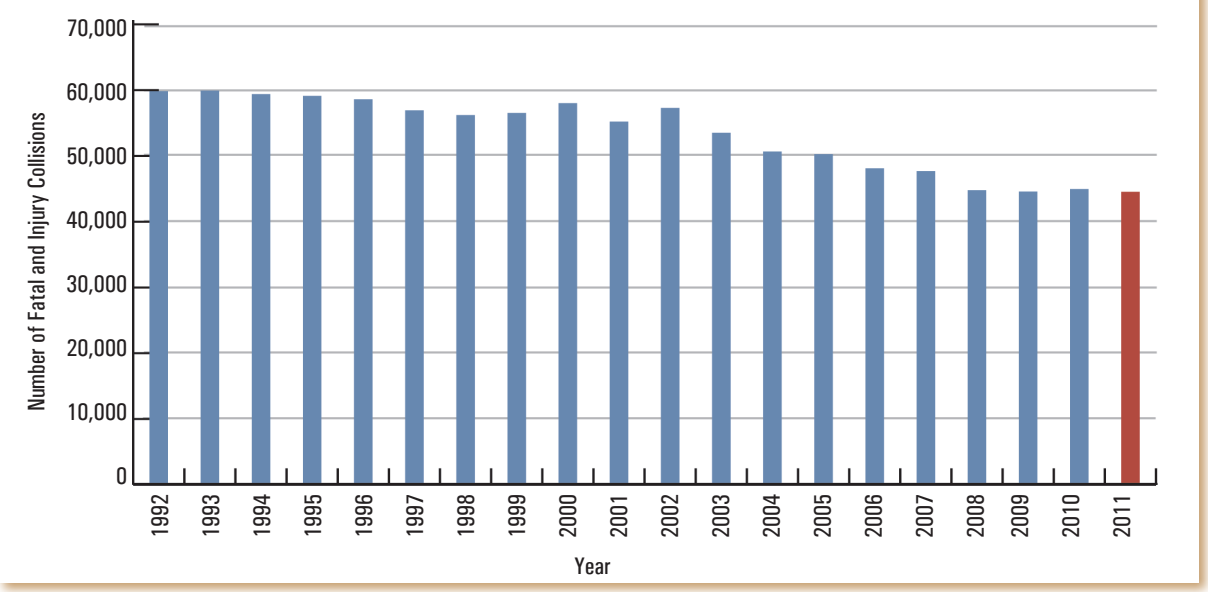
1. OVERVIEW

This section provides a synopsis of key road safety statistics such as the total number of traffic fatalities, injuries, collisions, licensed drivers and registered vehicles.

The primary measure of road user safety in Ontario is the number of fatalities for every 10,000 licensed drivers. In 2011, Ontario's fatality rate of 0.53 per 10,000 licensed drivers was the lowest ever recorded in Ontario. Ontario continued to be a road safety leader in North America.

The information on hospitalizations and other statistics in this section is a stark reminder of the human and economic cost of motor vehicle collisions, both in terms of lives lost, pain and suffering, and the impact on Ontario's healthcare system, which affects everyone in Ontario.

Figure 1 **Total Number of Fatal and Injury Collisions in Ontario, 1992–2011**



1A. SYNOPSIS

Selected Statistics: 2011	
Total Reportable Collisions	177,039
Total Drivers Involved in Collisions	309,668
Total Vehicles Involved in Collisions	320,399
Fatal Collisions	466
Personal Injury Collisions	44,076
Property Damage Collisions	132,497
Persons Killed	498
Drivers Killed (excludes All Terrain Vehicle and Snow Vehicle Drivers)	299
Drivers Killed (Impaired or Had Been Drinking)	83
Passengers Killed	94
Pedestrians Killed	98
Other Road Users Killed	7
Persons Injured	62,019
Estimated Ontario Population (2011)	13,263,500
Licensed Drivers	9,367,609
Registered Motor Vehicles	8,670,756
Estimated Vehicle Kilometres Travelled (in millions)	127,251
Number of Persons Killed in Motor Vehicle Collisions per 100,000 People in Ontario	3.75
Number of Persons Killed in Motor Vehicle Collisions per 100 Million Kilometres Travelled	0.39
Collision Rate per 100 Million Kilometres Travelled	139.13
Fatal Collision Rate per 100 Million Kilometres Travelled	0.37
Number of Persons Killed in Motor Vehicle Collisions per 10,000 Licensed Drivers	0.53

1B. HEALTH PERSPECTIVE

Table 1.1: Selected Diagnoses of Motor Vehicle Collision Injuries Hospitalized in Ontario, Fiscal Year 2010/2011

Selected Diagnoses	Hospital Admissions	Hospital Days of Stay
Fracture of head	137	712
Fracture of neck and trunk	849	8,391
Fracture of upper limb	485	2,467
Fracture of lower limb	1,094	10,101
Fractures involving multiple body regions	11	162
Dislocation, sprains and strains	91	554
Dislocations, sprains, and strains involving multiple body regions	*	*
Intracranial injury	673	9,303
Internal injury of chest, abdomen, and pelvis	376	3,621
Open wound of head, neck, or trunk	54	150
Open wound of upper limb	16	83
Open wound of lower limb	27	151
Open wounds involving multiple body regions	*	*
Other diagnosis	1,015	12,412
Total Admissions and Days **	**4,828**	**48,107**

Source: Ministry of Health and Long-Term Care, Health Solutions Delivery Branch, Health Data Decision Support Unit

* Small cell count (a value of less than 5); small cell counts are not to be published

** Totals do not include small cell counts

Table 1.2: Selected Surgical Procedures for Motor Vehicle Collision Injuries Hospitalized in Ontario, Fiscal Year 2010/2011

Selected Procedure	Hospital Admissions	Hospital Days of Stay
Head, brain, and cerebral meninges	88	1,853
Spinal cord, spinal canal, and meninges	10	85
Nose, mouth, and pharynx	21	108
Chest wall, pleura, mediastinum, and diaphragm	92	1,145
Bone marrow and spleen	43	709
Kidney	*	55
Facial bones and joints	57	509
Reduction of fracture/dislocation with or without fixation (excluding head or facial bones)	1,374	14,318
Repair joint structures (excluding head or facial bones)	15	92
Skin and subcutaneous tissue	68	438
Other diagnostic and therapeutic interventions	1,674	22,065
Sub-total of surgical admissions and days **	**3,442**	**41,377**
No interventions performed - surgical procedures	1,385	6,734

Source: Ministry of Health and Long-Term Care, Health Solutions Delivery Branch, Health Data Decision Support Unit * Small cell count (a value of less than 5); small cell counts are not to be published ** Sub-totals do not include small cell counts

THE PEOPLE

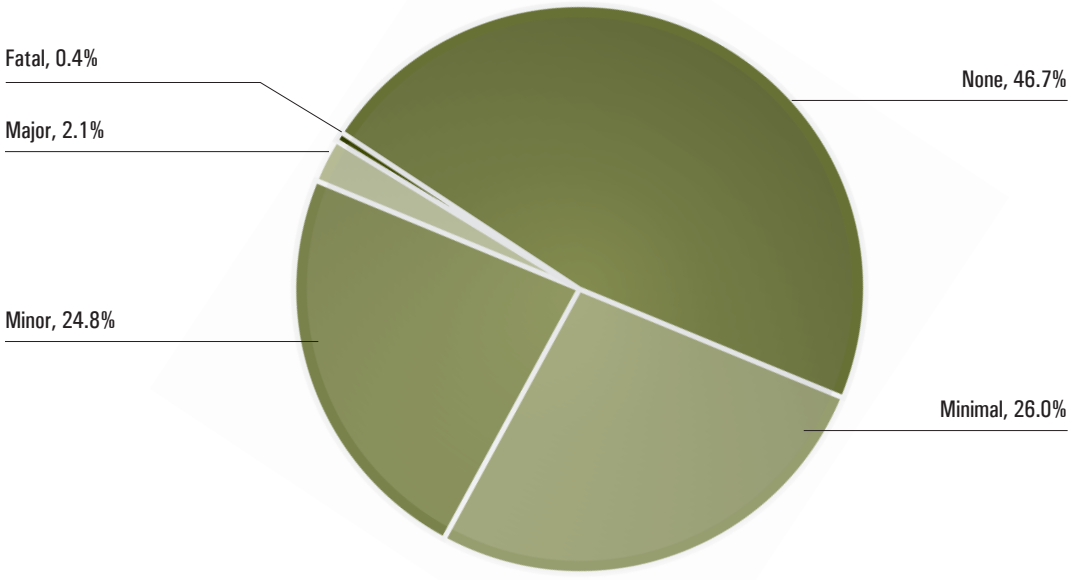
2. THE PEOPLE

This section highlights traffic fatalities and injuries by severity and characteristics of the road users involved. Key historical road safety data – covering a period of more than 75 years – is also provided to assist in analyzing long-term safety trends in Ontario.

Highlights in this section include a decrease in the number of traffic fatalities from 579 in 2010 to 498 in 2011; the number of serious injuries decreased from 2,558 in 2010 to 2,469 in 2011. At the same time, the number of licensed drivers increased by 122,342, the number of registered motor vehicles increased by 109,878 and the estimated distance driven in Ontario decreased by 2,386 million kilometers.

Out of 814 drivers involved in fatal collisions, 166 were impaired by alcohol or drugs, 70 drivers were coded as inattentive, and 90 were speeding. Despite the fact that about 96 percent of Ontario drivers use seat belts, 74 vehicle occupants who were fatally injured were not using seat belts at the time of the crash.

Figure 2 **Persons Involved in Fatal and Injury Collisions by Severity of Injury, 2011**



2A. PEOPLE IN COLLISIONS

Table 2.1: Category of Involved Person by Severity of Injury in Fatal and Personal Injury Collisions, 2011

Category of Involved Person	Severity of Injury					
	None	Minimal	Minor	Major	Fatal	Total
Driver	35,448	18,112	16,361	1,044	237	**71,202**
Passenger*	18,593	8,857	7,445	533	92	**35,520**
Pedestrian	175	1,719	2,695	443	98	**5,130**
Bicyclist	22	1,006	1,060	113	21	**2,222**
Bicycle Passenger	12	157	202	21	0	**392**
All Terrain Vehicle** Driver	3	2	14	5	4	**28**
All Terrain Vehicle** Passenger	1	2	7	0	0	**10**
Snow Vehicle Driver	0	1	7	2	0	**10**
Snow Vehicle Passenger	0	2	2	0	0	**4**
Motorcycle Driver	77	341	768	217	36	**1,439**
Motorcycle Passenger	37	100	306	72	2	**517**
Moped Driver	15	11	16	4	0	**46**
Moped Passenger	6	3	10	0	0	**19**
Hanger On	35	72	70	10	3	**190**
Other	404	115	87	5	5	**616**
Total	**54,828**	**30,500**	**29,050**	**2,469**	**498**	**117,345**

* Includes bus passengers

** In this table, all terrain vehicles include two-wheel, three-wheel and four-wheel off-road vehicles.

Only persons involved in HTA reportable fatality and injury collisions are shown in this table (for more information on special vehicles, see Chapter 6).

Fatal: Person killed immediately or within 30 days of the motor vehicle collision.

Major: Person admitted to hospital.

Minor: Person went to hospital and was treated in the emergency room but was not admitted.

Minimal: Person did not go to hospital when leaving the scene of the collision. Includes minor abrasions, bruises and complaints of pain.

None: Uninjured person.

Table 2.2: Category of Persons Killed by Age Groups, 2011

Category of Person	Age Groups																
	0–4	5–9	10–15	16	17	18	19	20	21–24	25–34	35–44	45–54	55–64	65–74	75+	UK	Total
Driver	0	0	1	2	2	10	5	6	32	31	32	38	20	25	33	0	**237**
Passenger*	3	3	7	2	4	4	2	3	7	12	7	10	4	12	15	0	**95**
Pedestrian	2	4	1	1	1	6	1	5	5	10	5	9	12	12	24	0	**98**
Bicyclist	0	0	2	0	1	0	0	0	3	2	2	3	2	0	3	3	**21**
Bicycle Passenger	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
All Terrain Vehicle** Driver	0	0	0	0	0	0	0	0	0	1	2	1	0	0	0	0	**4**
All Terrain Vehicle** Passenger	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Snow Vehicle Driver	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Snow Vehicle Passenger	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Motorcycle Driver	0	0	0	0	0	0	1	1	4	14	3	3	9	1	0	0	**36**
Motorcycle Passenger	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	**2**
Moped Driver	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Moped Passenger	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Other	0	0	0	0	0	0	0	0	1	0	0	1	1	1	1	0	**5**
Total	**5**	**7**	**11**	**5**	**8**	**20**	**9**	**15**	**52**	**70**	**52**	**66**	**48**	**51**	**76**	**3**	**498**

* Includes hangers on.

** In this table, all terrain vehicles include two-wheel, three-wheel and four-wheel off-road vehicles.

UK = Unknown

Only persons involved in HTA reportable collisions are shown in this table (for more information on special vehicles, see Chapter 6).

Table 2.3: Category of Persons Injured by Age Groups, 2011

Category of Person	Age Groups																
	0–4	5–9	10–15	16	17	18	19	20	21–24	25–34	35–44	45–54	55–64	65–74	75+	UK	Total
Driver	0	0	8	101	542	639	764	848	3,238	7,287	6,719	7,229	4,484	2,102	1,505	51	**35,517**
Passenger*	705	920	1,381	404	475	471	514	517	1,613	2,465	1,800	2,041	1,549	899	750	432	**16,936**
Pedestrian	77	147	446	132	118	124	152	141	471	744	529	636	503	285	269	83	**4,857**
Bicyclist	0	3	6	9	11	9	22	24	73	145	84	121	47	14	2	1,609	**2,179**
Bicycle Passenger	3	9	50	9	11	13	11	10	62	87	48	58	23	13	8	1	**416**
All Terrain Vehicle** Driver	0	1	2	2	3	1	0	2	0	2	3	0	1	1	0	3	**21**
All Terrain Vehicle** Passenger	0	0	6	0	0	0	0	0	0	2	1	0	0	0	0	0	**9**
Snow Vehicle Driver	0	0	2	0	0	0	1	0	2	2	1	1	1	0	0	0	**10**
Snow Vehicle Passenger	0	0	0	0	0	1	1	0	1	0	0	1	0	0	0	0	**4**
Motorcycle Driver	0	0	0	10	8	12	19	18	120	278	241	347	213	54	5	1	**1,326**
Motorcycle Passenger	1	1	12	8	4	9	10	10	32	100	93	102	77	21	1	5	**486**
Moped Driver	0	0	0	1	1	1	0	1	1	6	4	5	5	2	0	4	**31**
Moped Passenger	0	0	1	1	0	0	0	1	0	5	2	2	0	1	0	0	**13**
Other	3	6	7	3	1	5	2	4	8	37	44	43	23	6	5	17	**214**
Total	**789**	**1,087**	**1,921**	**680**	**1,174**	**1,285**	**1,496**	**1,576**	**5,621**	**11,160**	**9,569**	**10,586**	**6,926**	**3,398**	**2,545**	**2,206**	**62,019**

* Includes hangers on.

** In this table, all terrain vehicles include two-wheel, three-wheel and four-wheel off-road vehicles.

UK = Unknown

Only persons involved in HTA reportable collisions are shown in this table (for more information on special vehicles, see Chapter 6).

Table 2.4: Sex of Driver by Class of Collision, 2011

Sex of Driver	Class of Collision			
	Fatal	Personal Injury	Property Damage	Total
Male	583	46,462	137,931	**184,976**
Female	208	31,147	77,562	**108,917**
Unknown*	23	4,250	11,502	**15,775**
Total	**814**	**81,859**	**226,995**	**309,668**

* This includes situations where the enforcement officer is unable to make a determination, e.g., hit and run.

Fatal Collision: A motor vehicle collision in which at least one person sustains bodily injury resulting in death within 30 days of the collision.

Personal Injury Collision: A motor vehicle collision in which at least one person involved sustains bodily injury not resulting in death.

Property Damage: A motor vehicle collision in which no person sustains bodily injury, but in which there is damage to any public property or damage to private property including damage to the motor vehicle or its load.

Table 2.5: Driver Condition by Class of Collision, 2011

Condition of Driver	Class of Collision			
	Fatal	Personal Injury	Property Damage	Total
Normal	487	60,626	171,340	**232,453**
Had Been Drinking	24	692	1,406	**2,122**
Ability Impaired – Alcohol over 0.08	75	594	1,387	**2,056**
Ability Impaired Alcohol	10	367	709	**1,086**
Ability Impaired Drugs*	57	92	165	**314**
Fatigue	14	580	1,020	**1,614**
Medical/Physical Disability	28	535	499	**1,062**
Inattentive	70	12,829	29,188	**42,087**
Other **	9	314	823	**1,146**
Unknown ***	40	5,230	20,458	**25,728**
Total	**814**	**81,859**	**226,995**	**309,668**

* Beginning in February 2011, all drivers killed in motor vehicle collisions were tested for the presence of drugs. Therefore, data may not be comparable to previous years.

** Driver condition is not defined above

*** This includes situations where the enforcement officer is unable to make a determination, e.g., hit and run.

Had Been Drinking: Driver had consumed alcohol but his/her physical condition was not legally impaired.

Ability Impaired Alcohol over 0.08: Driver had consumed alcohol and upon testing was found to have a blood alcohol level in excess of 0.08 grams of alcohol per 100 millilitres of blood.

Ability Impaired Alcohol: Driver had consumed sufficient alcohol to warrant being charged with a drinking and driving offence.

Inattentive: Driver was operating a motor vehicle without due care and attention or placing less than full concentration on driving, e.g., changing radio stations, consuming food, reading, talking on phone or two-way radio, using headphones.

Table 2.6: Driver Age by Driver Condition in all Collisions, 2011*

Driver Age	Driver Condition						
	Normal	Had Been Drinking	Impaired Alcohol over 0.08	Ability Impaired Alcohol	Other	Unknown	Total
Under 16	52	4	3	0	41	18	**118**
16	684	7	7	2	276	57	**1,033**
17	3,335	30	14	9	1,098	206	**4,692**
18	4,009	47	45	19	1,321	251	**5,692**
19	4,492	94	74	31	1,360	298	**6,349**
20	4,792	83	82	33	1,330	295	**6,615**
21-24	19,550	365	313	171	4,852	1,244	**26,495**
25-34	45,309	529	549	297	8,691	2,739	**58,114**
35-44	46,335	346	345	178	7,673	2,626	**57,503**
45-54	48,476	292	359	197	7,700	2,629	**59,653**
55-64	30,065	141	179	94	5,100	1,640	**37,219**
65-74	14,181	74	57	24	2,966	846	**18,148**
75 & over	8,898	34	24	8	2,633	605	**12,202**
Unknown	2,275	76	5	23	1,182	12,274	**15,835**
Total	**232,453**	**2,122**	**2,056**	**1,086**	**46,223**	**25,728**	**309,668**

* Includes bicyclists, drivers of all terrain vehicles, etc.

Table 2.7: Recorded Occurrence of Driver Condition in Drivers Killed, 2011*

Recorded Occurrence	Number of Drivers	%
Normal	104	34.3%
Had Been Drinking	17	5.6%
Ability Impaired – Alcohol over 0.08	66	21.8%
Ability Impaired Alcohol	0	0.0%
Ability Impaired Drugs**	57	18.8%
Fatigue	7	2.3%
Medical/Physical Disability	27	8.9%
Inattentive	23	7.6%
Other	2	0.7%
Unknown	0	0.0%
Total	**303**	**100.0%**

* Total includes drivers of all vehicle types killed in HTA reportable collisions.

** Beginning in February 2011, all drivers killed in motor vehicle collisions were tested for the presence of drugs. Therefore, data may not be comparable to previous years.

Table 2.8: Apparent Driver Action by Class of Collision, 2011

Apparent Driver Action	Class of Collision			
	Fatal	Personal Injury	Property Damage	Total
Driving Properly	362	38,869	112,715	**151,946**
Following Too Close	2	7,986	21,756	**29,744**
Speed Too Fast	42	694	1,245	**1,981**
Speed Too Fast for Conditions	48	3,800	12,972	**16,820**
Speed Too Slow	2	55	131	**188**
Improper Turn	16	3,927	9,488	**13,431**
Disobey Traffic Control	36	3,563	4,482	**8,081**
Fail to Yield Right of Way	75	8,271	14,828	**23,174**
Improper Passing	10	630	2,359	**2,999**
Lost Control	93	5,804	14,667	**20,564**
Wrong Way on One Way Road	3	88	164	**255**
Improper Lane Change	12	1,681	8,385	**10,078**
Other*	86	4,475	13,648	**18,209**
Unknown	27	2,016	10,155	**12,198**
Total	**814**	**81,859**	**226,995**	**309,668**

* Includes actions such as hit and run, driving on the wrong side of the road, improper parking and illegally parked.

The tables on the next two pages include only seat belt usage in collisions in which there were fatalities and personal injuries. Property damage only collisions are excluded.

Table 2.9: Seat Belt Usage by Severity of Driver Injury in Fatal and Personal Injury Collisions, 2011

Safety Equipment Used	Severity of Injury					
	Fatal	Major	Minor	Minimal	None	Total
Seat Belt Used	144	803	14,416	16,649	32,382	**64,394**
Other Equipment*	5	61	801	592	408	**1,867**
Equipment Not used	57	86	183	84	62	**472**
No Safety Equipment	0	4	51	33	115	**203**
Use Unknown	31	90	910	754	2,481	**4,266**
Total	**237**	**1,044**	**16,361**	**18,112**	**35,448**	**71,202**

* Other equipment includes use of airbags. Combined use of seat belt with airbag deployment is unknown.

Table 2.10: Seat Belt Usage by Severity of Passenger* Injury in Fatal and Personal Injury Collisions, 2011

Safety Equipment Used	Severity of Injury					
	Fatal	Major	Minor	Minimal	None	Total
Seat Belt Used	60	387	5,913	7,310	14,327	**27,997**
Child Safety Seat Used Incorrectly	2	3	13	22	72	**112**
Child Safety Seat Used Correctly	1	15	231	362	1,830	**2,439**
Other Equipment**	3	12	243	168	175	**601**
Equipment Not used	17	57	190	119	86	**469**
No Safety Equipment	2	19	408	583	1,029	**2,041**
Use Unknown	9	43	459	296	1,026	**1,833**
Total	**94**	**536**	**7,457**	**8,860**	**18,545**	**35,492**

* Includes hangers on and excludes passengers in parked vehicles.

** Other equipment includes use of airbags. Combined use of seat belt with airbag deployment is unknown.

Table 2.11: Restraint Use for Children (0–4 Years) Killed in Collisions, 2007–2011

Year Used	Child Restraint Used Correctly	Child Restraint Used Incorrectly	Lap/ Lap & Shoulder Belt	Restraint Not Available	Available Not Used	Use Unknown	Total
2007	2	1	0	0	0	0	**3**
2008	1	2	1	0	0	0	**4**
2009	2	1	0	0	0	0	**3**
2010	1	1	0	0	0	0	**2**
2011	1	2	0	0	0	0	**3**

Table 2.12: Restraint Use for Children (0–4 Years) Involved in Fatal and Personal Injury Collisions by Severity of Injury, 2011

Restraint Used	Injury Level		
	Major/Fatal %	Minimal/Minor %	No Injuries %
Child Restraint Used Correctly	45.0	59.4	63.1
Child Restraint Used Incorrectly	20.0	3.9	2.8
Lap/Lap-Shoulder Belt	35.0	28.3	26.2
Not Available	0.0	4.5	3.4
Available/Not Used	0.0	0.6	0.3
Other	0.0	0.7	0.5
Unknown	0.0	2.5	3.6
Total	**100.0**	**100.0**	**100.0**

Table 2.13: Pedestrian Condition by Severity of Injury, 2011

Condition of Pedestrian	Killed	Injured
Normal	31	3,366
Had Been Drinking	6	216
Ability Impaired Alcohol over .08	15	9
Ability Impaired Alcohol	0	58
Ability Impaired Drugs	4	11
Fatigue	0	1
Medical or Physical Defect	27	80
Inattentive	13	680
Other	2	60
Unknown	0	376
Total	**98**	**4,857**

Table 2.14: Apparent Pedestrian Action by Severity of Injury, 2011

Apparent Pedestrian Action	Killed	Injured
Crossing Intersection With Right of Way	22	2,194
Crossing Intersection Without Right of Way	17	646
Crossing Intersection No Traffic Control	14	312
Crossing Pedestrian Crossover	1	127
Crossing Marked Crosswalk Without Right of Way	2	137
Walking on Roadway With Traffic	7	107
Walking on Roadway Against Traffic	3	52
On Sidewalk or Shoulder	9	361
Playing or Working on Highway	2	52
Coming from Behind Parked Vehicle or Object	1	80
Running onto Roadway	6	301
Getting On/Off School Bus*	0	2
Getting On/Off Vehicle	2	54
Pushing/Working on Vehicle	1	13
Other	11	419
Total	**98**	**4,857**

* Calendar Year

Table 2.15: Category of Persons Killed and Injured, 1988–2011

Year	Ontario Population (Est.)**	Driver		Passenger*		Pedestrian		All Others		Persons Killed In All Classes		Persons Injured In All Classes	
		Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Number	Rate Per 100,000	Number	Rate Per 100,000
1988	9,439,600	563	63,339	350	39,157	186	6,344	138	9,318	1,237	13.1	118,158	1,251.7
1989	9,598,600	627	66,334	369	39,950	161	6,187	129	8,181	1,286	13.4	120,652	1,257.0
1990	9,743,300	540	55,073	321	33,606	154	5,839	105	7,057	1,120	11.5	101,575	1,042.5
1991	10,084,900	542	48,021	298	30,230	157	5,352	105	6,916	1,102	10.9	90,519	897.6
1992	10,098,600	548	49,259	317	30,567	140	5,177	85	6,022	1,090	10.8	91,025	901.4
1993	10,813,200	595	49,628	296	30,584	146	5,181	98	5,756	1,135	10.5	91,149	842.9
1994	10,927,800	508	49,632	273	29,570	127	5,344	91	5,484	999	9.1	90,030	823.9
1995	11,100,000	527	49,916	276	29,440	126	5,261	70	4,955	999	9.0	89,572	807.0
1996	11,320,456	459	49,614	270	28,997	144	5,336	55	4,458	928	8.2	88,405	780.9
1997	11,500,329	474	47,861	224	27,915	133	5,154	68	4,597	899	7.8	85,527	743.7
1998	11,675,497	437	47,088	222	26,422	121	4,978	74	4,704	854	7.3	83,192	712.5
1999	11,513,700	452	47,943	221	26,774	132	4,894	63	4,451	868	7.5	84,062	730.1
2000	11,695,110	437	48,068	243	27,206	112	5,190	57	4,544	849	7.3	85,009	726.9
2001	11,966,960	430	45,758	224	26,510	119	5,063	72	4,451	845	7.1	81,782	683.4
2002	12,027,900	450	47,909	227	26,742	131	4,990	65	4,551	873	7.3	84,192	700.0
2003	12,293,700	425	44,212	216	24,563	120	4,758	70	4,346	831	6.8	77,879	633.5
2004	12,407,300	433	41,608	191	22,396	104	4,505	71	4,499	799	6.4	73,008	588.4
2005	12,558,669	377	41,199	183	21,268	105	4,709	101	4,674	766	6.1	71,850	572.1
2006	12,705,328	383	39,633	169	20,005	126	4,729	91	4,426	769	6.1	68,793	541.5
2007	12,803,861	396	38,913	186	19,112	108	4,636	75	4,505	765	6.0	67,166	524.6
2008	12,932,297	343	36,219	124	17,679	94	4,454	70	4,391	631	4.9	62,743	485.2
2009	13,072,700	277	35,403	113	18,224	114	4,522	60	4,413	564	4.3	62,562	478.8
2010	13,223,800	299	35,959	115	19,152	95	4,621	70	4,782	579	4.4	64,514	487.9
2011	13,263,500	237	35,517	92	16,835	98	4,857	71	4,810	498	3.8	62,019	467.6

* Excludes motorcycle passengers, who are included with "All Others". **Source: Statistics Canada

Table 2.16: Sex of Driver Population by Age Groups, 2011

Sex of Driver	Age Groups							Total
	16–19	20–24	25–34	35–44	45–54	55–64	65+	
Male	254,420	405,607	801,576	869,970	997,456	766,618	740,007	**4,835,654**
Female	228,323	372,374	790,093	852,980	934,223	711,278	642,684	**4,531,955**
Total	**482,743**	**777,981**	**1,591,669**	**1,722,950**	**1,931,679**	**1,477,896**	**1,382,691**	**9,367,609**

Table 2.17: Driver Population by Age Groups, 1988–2011

Year	Age Groups							Total
	16–19	20–24	25–34	35–44	45–54	55–64	65+	
1988	310,764	643,691	1,588,516	1,353,841	898,103	714,266	608,931	**6,118,112**
1989	323,109	631,470	1,634,187	1,409,053	931,991	720,788	639,826	**6,290,424**
1990	322,542	629,478	1,666,474	1,467,699	964,925	728,380	669,385	**6,448,883**
1991	319,584	627,931	1,673,502	1,501,765	1,018,365	736,652	696,432	**6,574,231**
1992	314,685	623,707	1,665,433	1,528,726	1,082,883	745,759	727,568	**6,688,761**
1993	326,389	621,934	1,655,573	1,566,083	1,136,365	758,840	758,244	**6,823,428**
1994	358,817	622,704	1,645,962	1,611,972	1,190,442	770,882	783,181	**6,983,960**
1995	360,847	614,094	1,621,989	1,659,749	1,240,072	782,871	806,396	**7,086,018**
1996	361,571	612,060	1,608,567	1,717,050	1,297,289	805,486	856,144	**7,258,167**
1997	394,512	624,532	1,611,708	1,789,110	1,360,555	837,606	919,584	**7,537,607**
1998	412,589	634,053	1,593,744	1,845,474	1,415,258	872,426	954,212	**7,727,756**
1999	426,643	642,808	1,576,673	1,895,323	1,475,588	907,235	994,044	**7,918,314**
2000	438,170	659,331	1,582,207	1,935,150	1,540,499	939,838	1,026,179	**8,121,374**
2001	449,853	671,424	1,580,758	1,946,713	1,577,920	990,745	1,049,203	**8,266,616**
2002	458,627	686,561	1,580,837	1,945,944	1,612,219	1,053,877	1,075,439	**8,413,504**
2003	457,049	704,720	1,575,345	1,940,896	1,653,604	1,105,726	1,104,215	**8,541,555**
2004	453,157	719,861	1,567,346	1,929,418	1,698,350	1,157,824	1,129,641	**8,655,597**
2005	447,954	727,529	1,557,476	1,912,898	1,748,335	1,206,374	1,161,644	**8,762,210**
2006	461,058	736,575	1,550,313	1,888,582	1,793,515	1,252,613	1,185,309	**8,867,965**
2007	466,979	739,555	1,547,980	1,851,780	1,835,315	1,296,295	1,207,493	**8,945,397**
2008	478,950	744,491	1,553,552	1,808,597	1,875,742	1,339,948	1,241,006	**9,042,286**
2009	462,718	746,486	1,554,266	1,763,704	1,906,532	1,388,094	1,280,138	**9,101,938**
2010	478,342	765,075	1,572,436	1,740,128	1,927,499	1,441,906	1,319,881	**9,245,267**
2011	482,743	777,981	1,591,669	1,722,950	1,931,679	1,477,896	1,382,691	**9,367,609**

Table 2.18: Driver Licence Class by Sex, 2011

Licence Class	Driver Sex				Total	%
	Male	%	Female	%		
A	99,648	2.06	1,987	0.04	**101,635**	1.08
AB	5,011	0.10	669	0.01	**5,680**	0.06
ABM	2,535	0.05	173	0.00	**2,708**	0.03
ABM1	26	0.00	5	0.00	**31**	0.00
ABM2	223	0.00	34	0.00	**257**	0.00
AC	28,571	0.59	1,056	0.02	**29,627**	0.32
ACM	11,125	0.23	188	0.00	**11,313**	0.12
ACM1	227	0.00	10	0.00	**237**	0.00
ACM2	1,559	0.03	54	0.00	**1,613**	0.02
AM	26,670	0.55	195	0.00	**26,865**	0.29
AM1	411	0.01	7	0.00	**418**	0.00
AM2	3,565	0.07	81	0.00	**3,646**	0.04
B	17,863	0.37	16,625	0.37	**34,488**	0.37
BM	4,847	0.10	964	0.02	**5,811**	0.06
BM1	53	0.00	30	0.00	**83**	0.00
BM2	426	0.01	301	0.01	**727**	0.01
C	8,430	0.17	1,163	0.03	**9,593**	0.10
CM	1,810	0.04	78	0.00	**1,888**	0.02
CM1	44	0.00	2	0.00	**46**	0.00
CM2	367	0.01	40	0.00	**407**	0.00
D	224,990	4.65	24,217	0.53	**249,207**	2.66
DE	115	0.00	31	0.00	**146**	0.00
DEM	35	0.00	1	0.00	**36**	0.00
DEM1	1	0.00	0	0.00	**1**	0.00
DEM2	3	0.00	1	0.00	**4**	0.00
DF	3,028	0.06	245	0.01	**3,273**	0.03
DFM	898	0.02	33	0.00	**931**	0.01
DFM1	29	0.00	1	0.00	**30**	0.00
DFM2	200	0.00	13	0.00	**213**	0.00
DM	66,888	1.38	1,925	0.04	**68,813**	0.73
DM1	566	0.01	30	0.00	**596**	0.01
DM2	5,207	0.11	367	0.01	**5,574**	0.06
E	1,465	0.03	2,169	0.05	**3,634**	0.04

Table 2.18: Driver Licence Class by Sex, 2011 (continued)

Licence Class	Driver Sex				Total	%
	Male	%	Female	%		
EM	159	0.00	35	0.00	**194**	0.00
EM1	6	0.00	1	0.00	**7**	0.00
EM2	18	0.00	9	0.00	**27**	0.00
F	7,725	0.16	5,930	0.13	**13,655**	0.15
FM	1,301	0.03	259	0.01	**1,560**	0.02
FM1	36	0.00	7	0.00	**43**	0.00
FM2	315	0.01	158	0.00	**473**	0.01
G	3,299,823	68.24	3,697,002	81.58	**6,996,825**	74.69
G1	252,996	5.23	340,917	7.52	**593,913**	6.34
G1M	49	0.00	12	0.00	**61**	0.00
G1M1	626	0.01	111	0.00	**737**	0.01
G1M2	1,149	0.02	298	0.01	**1,447**	0.02
G2	345,347	7.14	353,469	7.80	**698,816**	7.46
G2M	287	0.01	58	0.00	**345**	0.00
G2M1	838	0.02	111	0.00	**949**	0.01
G2M2	3,442	0.07	608	0.01	**4,050**	0.04
GM	340,165	7.03	59,730	1.32	**399,895**	4.27
GM1	6,789	0.14	1,579	0.03	**8,368**	0.09
GM2	56,349	1.17	18,605	0.41	**74,954**	0.80
M	698	0.01	129	0.00	**827**	0.01
M1	126	0.00	36	0.00	**162**	0.00
M2	574	0.01	196	0.00	**770**	0.01
Total	**4,835,654**	**100.00**	**4,531,955**	**100.00**	**9,367,609**	**100.00**

Table 2.19: Licensed Drivers, Total Collisions, Persons Killed and Injured, 1931–2011

Year	Licensed Drivers	Total Collisions	Persons Killed	Persons Injured
1931	666,266	9,241	571	8,494
1932	648,710	9,171	502	8,231
1933	638,710	8,634	403	7,877
1934	665,743	9,645	512	8,990
1935	707,457	10,648	560	9,839
1936	755,765	11,388	546	10,251
1937	802,765	13,906	766	12,092
1938	866,729	13,715	640	11,683
1939	899,572	13,710	652	11,638
1940	937,551	16,921	716	13,715
1941	986,773	18,167	801	14,275
1942	961,883	13,490	567	10,205
1943	919,457	11,025	549	8,628
1944	905,650	11,004	498	8,373
1945	971,852	13,458	598	9,804
1946	1,087,445	17,356	688	12,228
1947	1,144,291	22,293	734	13,056
1948	1,209,408	27,406	740	14,970
1949	1,278,584	34,472	830	17,469
1950	1,366,388	43,681	791	19,940
1951	1,461,538	54,920	949	22,557
1952	1,556,559	58,515	1,010	23,643
1953	1,656,259	65,866	1,082	24,353
1954	1,747,567	62,509	1,045	24,607
1955	1,856,845	63,219	1,111	26,246
1956	1,967,789	71,399	1,180	28,626
1957	2,088,551	76,302	1,279	30,414
1958	2,176,417	76,884	1,112	30,106
1959	2,270,246	81,518	1,187	31,602
1960	2,355,567	87,186	1,166	34,436
1961	2,414,615	85,577	1,268	37,146
1962	2,469,425	94,231	1,383	41,766
1963	2,555,015	104,919	1,421	47,801

Table 2.19: Licensed Drivers, Total Collisions, Persons Killed and Injured, 1931–2011 (continued)

Year	Licensed Drivers	Total Collisions	Persons Killed	Persons Injured
1964	2,694,023	111,232	1,424	54,560
1965	2,739,138	128,462	1,611	60,917
1966	2,821,648	139,781	1,596	65,210
1967	3,004,654	145,008	1,719	67,280
1968	3,128,509	155,127	1,586	71,520
1969	3,247,979	169,395	1,683	74,902
1970	3,422,892	141,609	1,535	75,126
1971	3,563,197	158,831	1,769	84,650
1972	3,688,541	189,494	1,934	95,181
1973	3,841,628	193,021	1,959	97,790
1974	3,972,980	204,271	1,748	98,673
1975	4,160,623	213,689	1,800	97,034
1976	4,315,925	211,865	1,511	83,736
1977	4,562,903	218,567	1,420	95,664
1978	4,725,546	186,363	1,450	94,979
1979	4,858,351	197,196	1,560	101,321
1980	4,993,531	196,501	1,508	101,367
1981	5,123,177	198,372	1,445	100,321
1982	5,247,198	187,943	1,138	92,815
1983	5,380,259	181,999	1,204	91,706
1984	5,513,911	194,782	1,132	97,230
1985	5,660,422	189,750	1,191	109,169
1986	5,817,799	187,286	1,102	108,839
1987	5,978,105	203,431	1,229	121,089
1988	6,118,112	228,398	1,237	118,158
1989	6,290,424	247,038	1,286	120,652
1990	6,448,883	220,188	1,120	101,575
1991	6,574,231	213,669	1,102	90,519
1992	6,688,761	224,249	1,090	91,025
1993	6,823,428	228,834	1,135	91,149
1994	6,983,960	226,996	999	90,030
1995	7,086,018	219,085	999	89,572
1996	7,258,167	215,024	929	88,445

Table 2.19: Licensed Drivers, Total Collisions, Persons Killed and Injured, 1931–2011 (continued)

Year	Licensed Drivers	Total Collisions	Persons Killed	Persons Injured
1997	7,537,607	221,500	899	85,527
1998	7,727,756	213,356	854	83,192
1999	7,918,314	221,962	868	84,062
2000	8,121,374	240,630	849	85,009
2001	8,266,616	234,004	845	81,782
2002	8,413,504	244,642	873	84,192
2003	8,541,555	246,463	831	77,879
2004	8,655,597	231,548	799	73,008
2005	8,762,210	230,258	766	71,850
2006	8,867,965	216,247	769	68,793
2007	8,945,397	233,487	765	67,175
2008	9,042,286	229,196	631	62,743
2009	9,101,938	216,315	564	62,562
2010	9,245,267	215,533	579	64,514
2011	9,367,609	177,039	498	62,019

Table 2.20: Driver Age Groups – Number Licensed, Collision Involvement and Per Cent Involved in Collisions, 2011

Drivers Age	Drivers Licensed			Drivers Involved in Collisions*			% of Drivers of Each Age Involved in Collisions		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Under 16	0	0	**0**	68	15	**83**	N/A	N/A	**N/A**
16	47,536	42,647	**90,183**	618	393	**1,011**	1.30	0.92	**1.12**
17	62,170	55,582	**117,752**	2,705	1,963	**4,668**	4.35	3.53	**3.96**
18	69,077	61,800	**130,877**	3,470	2,205	**5,675**	5.02	3.57	**4.34**
19	75,637	68,294	**143,931**	3,878	2,429	**6,307**	5.13	3.56	**4.38**
20	78,880	71,351	**150,231**	3,991	2,575	**6,566**	5.06	3.61	**4.37**
21-24	326,727	301,023	**627,750**	15,720	10,622	**26,342**	4.81	3.53	**4.20**
25-34	801,576	790,093	**1,591,669**	35,429	22,240	**57,669**	4.42	2.81	**3.62**
35-44	869,970	852,980	**1,722,950**	35,050	22,027	**57,077**	4.03	2.58	**3.31**
45-54	997,456	934,223	**1,931,679**	38,003	21,188	**59,191**	3.81	2.27	**3.06**
55-64	766,618	711,278	**1,477,896**	24,611	12,367	**36,978**	3.21	1.74	**2.50**
65-74	455,929	403,132	**859,061**	11,932	6,138	**18,070**	2.62	1.52	**2.10**
75 & over	284,078	239,552	**523,630**	7,766	4,416	**12,182**	2.73	1.84	**2.33**
Unknown	0	0	**0**	24,048	0	**24,048**	N/A	N/A	**N/A**
Total	**4,835,654**	**4,531,955**	**9,367,609**	**207,289**	**108,578**	**315,867**	**4.29**	**2.40**	**3.37**

* This table includes people in the driver's position of parked vehicles and excludes drivers of some vehicles such as bicycles, snow and off-road vehicles, etc.


300 m

3. THE COLLISION

This section profiles the types of collisions that occur on Ontario's roads. To prevent motor vehicle collisions, we need to understand the context in which they occur, including hour of occurrence, day, month, collision type, location, and environmental factors. Identifying these contributing factors is an important step toward reducing collisions on Ontario's roads.

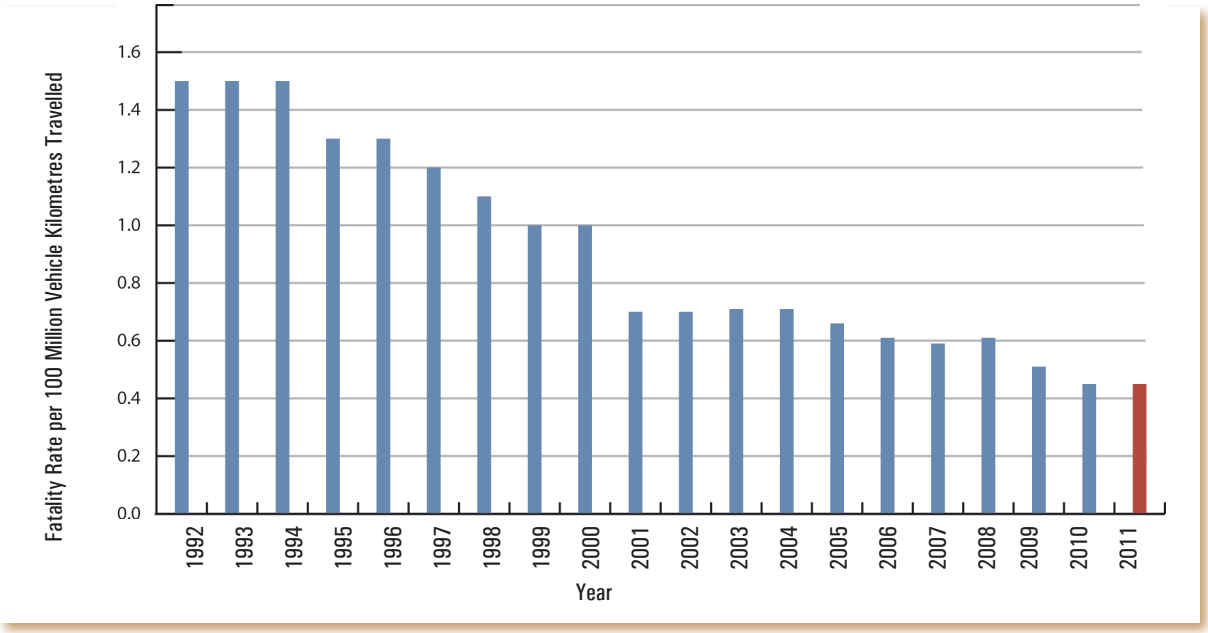
The number of fatal collisions decreased from 534 in 2010 to 466 in 2011, down by 68, and the number of injury collisions decreased from 44,430 in 2010 to 44,076 in 2011, down by 354. The number of property damage collisions for 2011 was 132,497.

It is worth noting that a decision has been made to discontinue counting self-reported, non-priority property damage collisions. Priority property damage collisions will continue to be counted and include the following types of collisions:

- All those occurring on provincial highways;
- All those involving carrier vehicles;
- All those involving drivers aged 70 or over; and
- All those where a driver's condition has been reported as being impaired by drugs or if the driver had a medical/physical disability

The fatality rate per 100 million kilometres traveled in Ontario decreased from 0.45 in 2010 to 0.39 in 2011

Figure 3 Fatality Rate per 100 Million Vehicle Kilometres Travelled in Ontario, 1992–2011



3A. TYPES OF COLLISIONS

Table 3.1: Class of Collision, 1988–2011

Year	Class of Collision			Total
	Fatal	Personal Injury	Property Damage	
1988	1,076	76,724	150,598	**228,398**
1989	1,106	77,852	168,080	**247,038**
1990	959	65,912	153,317	**220,188**
1991	956	59,242	153,471	**213,669**
1992	942	58,889	164,418	**224,249**
1993	987	58,932	168,915	**228,834**
1994	875	58,525	167,596	**226,996**
1995	860	58,273	159,952	**219,085**
1996	816	57,791	156,417	**215,024**
1997	807	56,121	164,572	**221,500**
1998	768	55,441	157,147	**213,356**
1999	763	55,764	165,435	**221,962**
2000	737	57,279	182,614	**240,630**
2001	733	54,479	178,792	**234,004**
2002	770	56,516	187,356	**244,642**
2003	754	52,757	192,952	**246,463**
2004	718	49,948	180,882	**231,548**
2005	684	49,584	179,990	**230,258**
2006	692	47,411	168,144	**216,247**
2007	683	47,014	185,790	**233,487**
2008	574	44,219	184,403	**229,196**
2009	516	44,054	171,745	**216,315**
2010	534	44,430	170,569	**215,533**
2011	466	44,076	132,497	**177,039**

Table 3.2: Collision Rate Per One Million Kilometres Travelled, 1988–2011

Year	Collision Rate	Year	Collision Rate	Year	Collision Rate
1988	3.2	1996	2.7	2004	1.9*
1989	3.2	1997	2.7	2005	1.8*
1990	3.0	1998	2.5	2006	1.66*
1991	2.9	1999	2.5	2007	1.87*
1992	3.1	2000	2.0*	2008	1.84*
1993	3.0	2001	2.0*	2009	1.72*
1994	2.9	2002	2.0*	2010	1.66**
1995	2.8	2003	2.1*	2011	1.39**

* Based on Statistics Canada estimates of Vehicle Kilometres Travelled. ** Based on Westbay Research Inc. estimates for CCMTA

Table 3.3: Motor Vehicles Involved in Collisions Based on Initial Impact, 2011

Motor Vehicle in Collision Involving	Class of Collision			Total
	Fatal	Personal Injury	Property Damage	
Moveable Objects:				
Other Motor Vehicles	481	64,453	181,292	**246,226**
Unattended Vehicles	6	477	9,055	**9,538**
Pedestrian	95	4,507	286	**4,888**
Cyclist	22	2,469	467	**2,958**
Railway Train	6	12	7	**25**
Street Car	0	61	214	**275**
Farm Tractor	5	23	59	**87**
Domestic Animal	1	56	728	**785**
Wild Animal	4	471	12,333	**12,808**
Other Moveable Objects	7	109	312	**428**
Sub-total	**627**	**72,638**	**204,753**	**278,018**
Fixed Objects:				
Cable Guide Rail	0	50	274	**324**
Concrete Guide Rail	2	289	1,123	**1,414**
Steel Guide Rail	3	165	646	**814**
Pole (Utility Tower)	3	310	1,217	**1,530**
Pole (Sign/Parking Meter)	0	117	758	**875**
Fence/Noise Barrier	1	22	177	**200**
Culvert	0	16	31	**47**
Bridge Support	1	17	82	**100**
Rock Face	0	16	23	**39**
Snow Bank or Drift	0	40	195	**235**
Ditch	3	291	818	**1,112**
Curb	6	458	1,471	**1,935**
Crash Cushion	1	26	46	**73**
Building or Wall	0	32	133	**165**
Water Course	0	3	1	**4**
Construction Marker	1	5	54	**60**
Tree, Shrub, or Stump	3	128	396	**527**
Other Fixed Object	1	248	1,188	**1,437**
Sub-total	**25**	**2,233**	**8,633**	**10,891**

Table 3.3: Motor Vehicles Involved in Collisions Based on Initial Impact, 2011 (continued)

Motor Vehicle in Collision Involving	Class of Collision			Total
	Fatal	Personal Injury	Property Damage	
Other Events:				
Ran Off Road	70	2,495	5,990	**8,555**
Skidding/Sliding	68	3,826	12,474	**16,368**
Jack-knifing	0	14	94	**108**
Load Spill	0	9	59	**68**
Fire/Explosion	0	2	162	**164**
Submersion	0	0	9	**9**
Rollover	3	150	202	**355**
Debris on Road	2	119	1,094	**1,215**
Debris off Vehicle	9	101	1,003	**1,113**
Other Non-Collision Event	27	1,088	2,420	**3,535**
Sub-total	**179**	**7,804**	**23,507**	**31,490**
Total	**831**	**82,675**	**236,893**	**320,399**

Table 3.4: Initial Impact Type by Class of Collision, 2011

Initial Impact Type	Class of Collision			Total
	Fatal	Personal Injury	Property Damage	
Approaching	74	905	1,205	**2,184**
Angle	68	4,658	8,261	**12,987**
Rear End	33	12,555	34,260	**46,848**
Sideswipe	14	2,880	15,140	**18,034**
Turning Movement	43	9,309	21,763	**31,115**
With Unattended Motor Vehicle	4	479	9,091	**9,574**
Single Motor Vehicle	230	13,122	40,456	**53,808**
Other	0	168	2,321	**2,489**
Unknown	0	0	0	**0**
Total	**466**	**44,076**	**132,497**	**177,039**

3B. TIME AND ENVIRONMENT

Table 3.5: Month of Occurrence by Class of Collision, 2011

Month of Occurrence	Class of Collision						Total	%
	Fatal	%	Personal Injury	%	Property Damage	%		
January	27	5.8	3,911	8.9	15,665	11.8	**19,603**	**11.1**
February	24	5.2	3,222	7.3	12,025	9.1	**15,271**	**8.6**
March	30	6.4	3,107	7.0	10,876	8.2	**14,013**	**7.9**
April	19	4.1	2,847	6.5	8,031	6.1	**10,897**	**6.2**
May	28	6.0	3,554	8.1	9,585	7.2	**13,167**	**7.4**
June	55	11.8	3,899	8.8	10,528	7.9	**14,482**	**8.2**
July	62	13.3	3,870	8.8	9,242	7.0	**13,174**	**7.4**
August	57	12.2	3,901	8.9	9,133	6.9	**13,091**	**7.4**
September	44	9.4	3,984	9.0	10,028	7.6	**14,056**	**7.9**
October	43	9.2	3,967	9.0	11,528	8.7	**15,538**	**8.8**
November	37	7.9	3,870	8.8	12,446	9.4	**16,353**	**9.2**
December	40	8.6	3,944	8.9	13,410	10.1	**17,394**	**9.8**
Total	**466**	**100.0**	**44,076**	**100.0**	**132,497**	**100.0**	**177,039**	**100.0**

Table 3.6: Day of Week by Class of Collision, 2011

Day of Occurrence	Class of Collision						Total	%
	Fatal	%	Personal Injury	%	Property Damage	%		
Monday	52	11.2	5,988	13.6	17,776	13.4	**23,816**	**13.5**
Tuesday	71	15.2	6,632	15.0	19,635	14.8	**26,338**	**14.9**
Wednesday	54	11.6	6,947	15.8	21,327	16.1	**28,328**	**16.0**
Thursday	68	14.6	6,857	15.6	20,850	15.7	**27,775**	**15.7**
Friday	77	16.5	7,258	16.5	22,377	16.9	**29,712**	**16.8**
Saturday	78	16.7	5,755	13.1	17,166	13.0	**22,999**	**13.0**
Sunday	66	14.2	4,639	10.5	13,366	10.1	**18,071**	**10.2**
Total	**466**	**100.0**	**44,076**	**100.0**	**132,497**	**100.0**	**177,039**	**100.0**

Table 3.7: Hour of Occurrence by Class of Collision, 2011

Hour of Occurrence A.M.	Class of Collision						Total	%
	Fatal	%	Personal Injury	%	Property Damage	%		
12 to 1 a.m.	15	3.2	527	1.2	1,910	1.4	**2,452**	**1.4**
1 to 2 a.m.	6	1.3	473	1.1	1,765	1.3	**2,244**	**1.3**
2 to 3 a.m.	9	1.9	498	1.1	1,698	1.3	**2,205**	**1.2**
3 to 4 a.m.	13	2.8	384	0.9	1,443	1.1	**1,840**	**1.0**
4 to 5 a.m.	8	1.7	303	0.7	1,249	0.9	**1,560**	**0.9**
5 to 6 a.m.	21	4.5	465	1.1	1,889	1.4	**2,375**	**1.3**
Sub-total	**72**	**15.5**	**2,650**	**6.0**	**9,954**	**7.5**	**12,676**	**7.2**
6 to 7 a.m.	15	3.2	1,120	2.5	4,139	3.1	**5,274**	**3.0**
7 to 8 a.m.	12	2.6	1,813	4.1	6,038	4.6	**7,863**	**4.4**
8 to 9 a.m.	19	4.1	2,677	6.1	8,492	6.4	**11,188**	**6.3**
9 to 10 a.m.	17	3.6	2,136	4.8	6,716	5.1	**8,869**	**5.0**
10 to 11 a.m.	23	4.9	2,021	4.6	6,200	4.7	**8,244**	**4.7**
11 to 12 noon	24	5.2	2,404	5.5	7,071	5.3	**9,499**	**5.4**
Sub-total	**110**	**23.6**	**12,171**	**27.6**	**38,656**	**29.2**	**50,937**	**28.8**
Hour of Occurrence P.M.								
12 to 1 p.m.	28	6.0	2,714	6.2	7,619	5.8	**10,361**	**5.9**
1 to 2 p.m.	17	3.6	2,570	5.8	7,258	5.5	**9,845**	**5.6**
2 to 3 p.m.	25	5.4	2,791	6.3	7,982	6.0	**10,798**	**6.1**
3 to 4 p.m.	34	7.3	3,567	8.1	9,566	7.2	**13,167**	**7.4**
4 to 5 p.m.	26	5.6	3,692	8.4	10,145	7.7	**13,863**	**7.8**
5 to 6 p.m.	25	5.4	3,743	8.5	10,273	7.8	**14,041**	**7.9**
Sub-total	**155**	**33.3**	**19,077**	**43.3**	**52,843**	**39.9**	**72,075**	**40.7**
6 to 7 p.m.	35	7.5	2,958	6.7	8,169	6.2	**11,162**	**6.3**
7 to 8 p.m.	23	4.9	2,068	4.7	6,054	4.6	**8,145**	**4.6**
8 to 9 p.m.	19	4.1	1,574	3.6	4,893	3.7	**6,486**	**3.7**
9 to 10 p.m.	21	4.5	1,430	3.2	4,527	3.4	**5,978**	**3.4**
10 to 11 p.m.	19	4.1	1,089	2.5	3,582	2.7	**4,690**	**2.6**
11 to 12 midnight	11	2.4	842	1.9	2,795	2.1	**3,648**	**2.1**
Sub-total	**128**	**27.5**	**9,961**	**22.6**	**30,020**	**22.7**	**40,109**	**22.7**
Unknown	1	0.2	217	0.5	1,024	0.8	**1,242**	**0.7**
Total	**466**	**100.0**	**44,076**	**100.0**	**132,497**	**100.0**	**177,039**	**100.0**

Table 3.8: Statutory Holidays, Holiday Weekends – Persons Killed and Injured in Fatal Collisions, 2011

Statutory Holiday*	Number of Fatal Collisions	Drivers		Passengers		Others		Total	
		Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured
Easter Weekend	0	0	0	0	0	0	0	**0**	**0**
Victoria Day	3	2	2	2	0	0	0	**4**	**2**
Canada Day	3	1	1	1	2	1	0	**3**	**3**
Civic Holiday	8	5	6	3	6	0	0	**8**	**12**
Labour Day	3	1	4	2	3	0	0	**3**	**7**
Thanksgiving Day	9	6	3	2	2	1	0	**9**	**5**
Christmas/ Boxing Day	6	4	5	3	9	0	0	**7**	**14**

* Actual length may vary depending on the calendar year. For certain holidays, it might include the whole weekend.

Table 3.9: Light Condition by Class of Collision, 2011

Light Condition	Class of Collision						Total	%
	Fatal	%	Personal Injury	%	Property Damage	%		
Daylight	276	59.2	31,613	71.7	89,385	67.5	**121,274**	**68.5**
Dawn	8	1.7	726	1.6	2,763	2.1	**3,497**	**2.0**
Dusk	20	4.3	1,430	3.2	4,332	3.3	**5,782**	**3.3**
Darkness	161	34.5	10,260	23.3	35,737	27.0	**46,158**	**26.1**
Other	1	0.2	47	0.1	280	0.2	**328**	**0.2**
Total	**466**	**100.0**	**44,076**	**100.0**	**132,497**	**100.0**	**177,039**	**100.0**

Table 3.10: Visibility by Class of Collision, 2011

Visibility	Class of Collision						Total	%
	Fatal	%	Personal Injury	%	Property Damage	%		
Clear	389	83.5	34,572	78.4	100,009	75.5	**134,970**	**76.2**
Rain	37	7.9	5,573	12.6	14,795	11.2	**20,405**	**11.5**
Snow	23	4.9	2,939	6.7	13,902	10.5	**16,864**	**9.5**
Freezing Rain	3	0.6	234	0.5	1,078	0.8	**1,315**	**0.7**
Drifting Snow	1	0.2	255	0.6	1,032	0.8	**1,288**	**0.7**
Strong Wind	3	0.6	98	0.2	329	0.2	**430**	**0.2**
Fog, Mist, Smoke or Dust	7	1.5	238	0.5	827	0.6	**1,072**	**0.6**
Other	3	0.6	167	0.4	525	0.4	**695**	**0.4**
Total	**466**	**100.0**	**44,076**	**100.0**	**132,497**	**100.0**	**177,039**	**100.0**

3C. THE COLLISION LOCATION

Table 3.11: Road Jurisdiction by Class of Collision, 2011

Road Jurisdiction	Class of Collision			Total
	Fatal	Personal Injury	Property Damage	
Municipal (Excluding Township Road)	165	27,774	72,244	**100,183**
Provincial Highway	127	6,880	29,850	**36,857**
Township	28	1,185	5,145	**6,358**
County or District	74	2,334	9,444	**11,852**
Regional Municipality	69	5,813	15,436	**21,318**
Federal	2	77	306	**385**
Other	1	13	72	**86**
Total	**466**	**44,076**	**132,497**	**177,039**

Table 3.12: Road Jurisdiction for All Collisions, 2002–2011

Road Jurisdiction*	Year										Total
	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	
Municipal	143,951	149,533	149,310	139,303	139,081	132,420	144,202	137,616	137,548	100,183	**1,373,147**
Provincial	36,511	39,579	42,518	40,506	40,780	37,603	40,494	35,800	33,816	36,857	**384,464**
Township	8,678	9,602	9,146	8,144	8,189	7,819	7,636	7,295	6,665	6,358	**79,532**
County or District	12,692	13,773	14,200	13,929	12,852	12,144	12,018	11,444	11,638	11,852	**126,542**
Regional Municipality	31,659	31,628	30,731	29,195	28,864	25,760	24,343	23,622	25,360	21,318	**272,480**
Federal	354	425	423	363	392	343	380	426	415	385	**3,906**
Other	159	102	135	108	100	158	123	112	91	86	**1,174**
Total	**234,004**	**244,642**	**246,463**	**231,548**	**230,258**	**216,247**	**229,196**	**216,315**	**215,533**	**177,039**	**2,241,245**

* Collisions may not be comparable across the different years due to transfer of highways between jurisdictions.

Table 3.13: Collision Location by Class of Collision, 2011

Road Location	Class of Collision						Total	%
	Fatal	%	Personal Injury	%	Property Damage	%		
Non-intersection	268	57.5	16,095	36.5	65,446	49.4	**81,809**	**46.2**
Intersection Related	62	13.3	11,378	25.8	29,776	22.5	**41,216**	**23.3**
At Intersection	88	18.9	12,336	28.0	21,924	16.5	**34,348**	**19.4**
At/Near Private Drive	33	7.1	3,884	8.8	14,101	10.6	**18,018**	**10.2**
At Railway	8	1.7	60	0.1	201	0.2	**269**	**0.2**
Underpass or Tunnel	0	0.0	35	0.1	147	0.1	**182**	**0.1**
Overpass or Bridge	6	1.3	164	0.4	542	0.4	**712**	**0.4**
Other	1	0.2	124	0.3	360	0.3	**485**	**0.3**
Total	**466**	**100.0**	**44,076**	**100.0**	**132,497**	**100.0**	**177,039**	**100.0**

Table 3.14: Road Surface Condition by Class of Collision, 2011

Road Surface Condition	Class of Collision						Total	%
	Fatal	%	Personal Injury	%	Property Damage	%		
Dry	346	74.2	30,384	68.9	85,021	64.2	**115,751**	**65.4**
Wet	76	16.3	9,042	20.5	25,035	18.9	**34,153**	**19.3**
Loose Snow	11	2.4	1,589	3.6	7,896	6.0	**9,496**	**5.4**
Slush	9	1.9	841	1.9	3,693	2.8	**4,543**	**2.6**
Packed Snow	8	1.7	701	1.6	4,380	3.3	**5,089**	**2.9**
Ice	11	2.4	1,145	2.6	5,479	4.1	**6,635**	**3.7**
Mud	0	0.0	9	0.0	24	0.0	**33**	**0.0**
Loose Sand or Gravel	5	1.1	216	0.5	407	0.3	**628**	**0.4**
Spilled Liquid	0	0.0	8	0.0	32	0.0	**40**	**0.0**
Other	0	0.0	141	0.3	530	0.4	**671**	**0.4**
Total	**466**	**100.0**	**44,076**	**100.0**	**132,497**	**100.0**	**177,039**	**100.0**

PLACE OF COLLISION

4. PLACE OF COLLISION

This section pinpoints the location of collisions in Ontario and provides a breakdown of the various classes of collision by municipality. The location of collisions provides vital information to MTO and local road authorities about the safety of Ontario's roads and highways. Comparing the number of collisions and injuries within specific municipalities over the years may help to highlight trends in road safety over time. This information helps MTO and local authorities to prioritize their infrastructure projects, enforcement activities, and education campaigns.

Changes to the names and boundaries of municipalities due to amalgamation or annexation may mean that the statistics found in Table 4.1 of this section are not comparable from year to year. Information about population numbers by Ontario's municipalities can be found at the Statistics Canada website at www.statcan.gc.ca. These figures can be used to determine per capita fatality or injury rates by municipality for comparison purpose.

Table 4.1: Place of Collision – Class of Collision, Persons Killed, Injured and Motor Vehicle Registrations, 2011

Place of Collision	Class of Collision				Persons		Motor Vehicle Registrations*
	Total Collisions	Fatal	Personal Injury	Property Damage	Killed	Injured	
ONTARIO TOTAL	**177,039**	**466**	**44,076**	**132,497**	**498**	**62,019**	**8,902,181**
Algoma							
Blind River T	22	0	4	18	0	4	
Elliot Lake C	46	0	6	40	0	10	
Huron Shores M	4	0	0	4	0	0	
Macdonald, Meredith & Aberdeen Add'l TP	1	0	0	1	0	0	
Sault Ste. Marie C	997	1	336	660	1	455	
Provincial Highway	488	4	101	383	5	154	
Other Areas	217	2	39	176	2	51	
Algoma Total	**1,775**	**7**	**486**	**1,282**	**8**	**674**	**119,105**
Brant							
Brantford C	1,173	2	351	820	2	464	
Provincial Highway	257	0	52	205	0	73	
Other Areas	536	4	108	424	4	163	
Brant Total	**1,966**	**6**	**511**	**1,449**	**6**	**700**	**97,687**

Table 4.1: Place of Collision – Class of Collision, Persons Killed, Injured and Motor Vehicle Registrations, 2011 (continued)

Place of Collision	Class of Collision				Persons		Motor Vehicle Registrations*
	Total Collisions	Fatal	Personal Injury	Property Damage	Killed	Injured	
Bruce							
Arran-Elderslie M	33	0	7	26	0	8	
Brockton M	202	0	34	168	0	54	
Huron-Kinloss TP	130	0	33	97	0	60	
Kincardine M	168	1	30	137	1	37	
Saugeen Shores T	159	0	20	139	0	24	
South Bruce Peninsula T	4	0	0	4	0	0	
Provincial Highway	233	1	47	185	1	96	
Other Areas	446	4	76	366	4	122	
Bruce Total	**1,375**	**6**	**247**	**1,122**	**6**	**401**	**71,893**
Chatham-Kent							
Provincial Highway	157	0	33	124	0	51	
Other Areas	1,088	9	269	810	10	401	
Chatham-Kent Total	**1,245**	**9**	**302**	**934**	**10**	**452**	**89,547**
Cochrane							
Black River-Matheson TP	0	0	0	0	0	0	
Cochrane T	65	0	11	54	0	13	
Hearst T	36	0	4	32	0	4	
Iroquois Falls T	26	0	8	18	0	9	
Kapuskasing T	75	0	11	64	0	11	
Timmins C	487	1	146	340	1	200	
Provincial Highway	342	1	64	277	1	92	
Other Areas	146	0	21	125	0	31	
Cochrane Total	**1,177**	**2**	**265**	**910**	**2**	**360**	**91,074**
Dufferin							
Amaranth TP	73	0	15	58	0	23	
East Garafraxa TP	41	2	8	31	2	13	
East Luther Grand Valley TP	27	0	5	22	0	9	
Melancthon TP	61	0	11	50	0	17	
Mono T	98	1	19	78	1	27	
Mulmur TP	74	0	15	59	0	19	
Orangeville T	231	0	21	210	0	25	
Shelburne T	49	0	6	43	0	7	
Provincial Highway	167	2	39	126	2	71	
Other Areas	303	2	66	235	2	107	
Dufferin Total	**1,124**	**7**	**205**	**912**	**7**	**318**	**47,365**

Table 4.1: Place of Collision – Class of Collision, Persons Killed, Injured and Motor Vehicle Registrations, 2011 (continued)

Place of Collision	Class of Collision				Persons		Motor Vehicle Registrations*
	Total Collisions	Fatal	Personal Injury	Property Damage	Killed	Injured	
Durham							
Ajax T	327	0	122	205	0	189	
Brock TP	16	0	8	8	0	8	
Clarington M	321	2	103	216	2	132	
Oshawa C	596	1	202	393	1	281	
Pickering C	307	5	108	194	5	147	
Scugog TP	37	1	9	27	1	16	
Uxbridge TP	14	2	4	8	2	11	
Whitby T	378	2	129	247	2	175	
Provincial Highway	1,610	6	343	1,261	6	530	
Other Areas	10	0	1	9	0	1	
Durham Total	**3,616**	**19**	**1,029**	**2,568**	**19**	**1,490**	**445,091**
Elgin							
Aylmer T	57	0	4	53	0	4	
Bayham M	87	0	14	73	0	18	
Central Elgin M	119	1	22	96	1	36	
Dutton-Dunwich M	33	0	4	29	0	5	
Malahide TP	86	3	17	66	4	30	
Southwold TP	74	0	10	64	0	24	
St. Thomas C	325	0	68	257	0	98	
West Elgin M	1	0	0	1	0	0	
Provincial Highway	158	1	24	133	1	35	
Other Areas	105	1	9	95	1	11	
Elgin Total	**1,045**	**6**	**172**	**867**	**7**	**261**	**77,650**
Essex							
Amherstburg T	204	1	36	167	1	47	
Essex T	277	0	31	246	0	41	
Kingsville T	162	1	26	135	1	37	
Lakeshore T	88	0	17	71	0	24	
LaSalle T	92	0	12	80	0	17	
Leamington M	290	0	48	242	0	60	
Tecumseh T	265	3	42	220	3	71	
Windsor C	3,610	2	818	2,790	2	1,077	
Provincial Highway	236	0	59	177	0	93	
Other Areas	287	1	56	230	1	73	
Essex Total	**5,511**	**8**	**1,145**	**4,358**	**8**	**1,540**	**269,726**

Table 4.1: Place of Collision – Class of Collision, Persons Killed, Injured and Motor Vehicle Registrations, 2011 (continued)

Place of Collision	Class of Collision				Persons		Motor Vehicle Registrations*
	Total Collisions	Fatal	Personal Injury	Property Damage	Killed	Injured	
Frontenac							
Central Frontenac TP	69	0	8	61	0	16	
Frontenac Islands TP	5	0	0	5	0	0	
Kingston C	989	3	308	678	3	420	
North Frontenac TP	4	0	2	2	0	2	
South Frontenac TP	161	0	23	138	0	32	
Provincial Highway	301	3	53	245	3	78	
Other Areas	146	0	22	124	0	27	
Frontenac Total	**1,675**	**6**	**416**	**1,253**	**6**	**575**	**114,367**
Grey							
The Blue Mountains T	10	0	1	9	0	1	
Chatsworth TP	63	0	12	51	0	20	
Georgian Bluffs TP	72	0	12	60	0	14	
Grey Highlands M	21	0	3	18	0	3	
Hanover T	104	0	14	90	0	17	
Meaford M	112	2	24	86	2	34	
Owen Sound C	246	0	63	183	0	90	
Southgate TP	1	0	0	1	0	0	
West Grey M	160	1	17	142	1	24	
Provincial Highway	309	1	56	252	1	83	
Other Areas	535	1	93	441	2	142	
Grey Total	**1,633**	**5**	**295**	**1,333**	**6**	**428**	**79,790**
Haldimand-Norfolk							
Provincial Highway	236	1	76	159	1	117	
Other Areas	1,262	6	273	983	6	413	
Haldimand-Norfolk Total	**1,498**	**7**	**349**	**1,142**	**7**	**530**	**100,448**
Haliburton							
Algonquin Highlands TP	1	0	1	0	0	1	
Dysart et al TP	103	1	11	91	1	14	
Highlands East M	1	0	0	1	0	0	
Minden Hills TP	71	0	12	59	0	13	
Provincial Highway	178	1	33	144	1	52	
Other Areas	110	1	20	89	1	35	
Haliburton Total	**464**	**3**	**77**	**384**	**3**	**115**	**23,428**

Table 4.1: Place of Collision – Class of Collision, Persons Killed, Injured and Motor Vehicle Registrations, 2011 (continued)

Place of Collision	Class of Collision				Persons		Motor Vehicle Registrations*
	Total Collisions	Fatal	Personal Injury	Property Damage	Killed	Injured	
Halton							
Burlington C	1,737	2	379	1,356	2	495	
Halton Hills T	674	4	145	525	4	202	
Milton T	971	3	244	724	3	365	
Oakville T	1,696	2	286	1,408	2	413	
Provincial Highway	2,385	5	362	2,018	5	570	
Other Areas	53	0	6	47	0	6	
Halton Total	**7,516**	**16**	**1,422**	**6,078**	**16**	**2,051**	**364,343**
Hamilton							
Hamilton C	5,058	17	1,921	3,120	17	2,639	
Provincial Highway	1,066	2	208	856	2	312	
Other Areas	0	0	0	0	0	0	
Hamilton Total	**6,124**	**19**	**2,129**	**3,976**	**19**	**2,951**	**318,775**
Hastings							
Bancroft T	54	0	13	41	0	22	
Belleville C	749	1	183	565	1	237	
Centre Hastings M	10	0	1	9	0	1	
Deseronto T	12	0	4	8	0	5	
Faraday TP	10	0	2	8	0	2	
Hastings Highlands M	0	0	0	0	0	0	
Madoc TP	9	0	2	7	0	4	
Marmora and Lake M	19	0	3	16	0	6	
Stirling-Rawdon TP	11	0	1	10	0	1	
Tweed M	66	1	7	58	1	12	
Tyendinaga TP	56	0	15	41	0	24	
Provincial Highway	582	3	113	466	4	177	
Other Areas	821	1	167	653	1	237	
Hastings Total	**2,399**	**6**	**511**	**1,882**	**7**	**728**	**122,712**
Huron							
Ashfield-Colborne-Wawanosh TP	22	0	2	20	0	3	
Bluewater M	1	0	0	1	0	0	
Central Huron M	11	0	1	10	0	1	
Goderich T	78	0	15	63	0	22	
Howick TP	38	1	8	29	1	11	
Huron East M	39	1	4	34	1	12	

Table 4.1: Place of Collision – Class of Collision, Persons Killed, Injured and Motor Vehicle Registrations, 2011 (continued)

Place of Collision	Class of Collision				Persons		Motor Vehicle Registrations*
	Total Collisions	Fatal	Personal Injury	Property Damage	Killed	Injured	
Morris-Turnberry M	28	0	6	22	0	8	
North Huron TP	8	0	0	8	0	0	
South Huron M	0	0	0	0	0	0	
Provincial Highway	150	3	26	121	3	46	
Other Areas	571	2	93	476	2	138	
Huron Total	**946**	**7**	**155**	**784**	**7**	**241**	**53,814**
Kawartha Lakes							
Kawartha Lakes C	805	4	181	620	4	261	
Provincial Highway	208	3	40	165	5	71	
Other Areas	3	0	0	3	0	0	
Kawartha Lakes Total	**1,016**	**7**	**221**	**788**	**9**	**332**	**73,470**
Kenora							
Dryden C	138	0	6	132	0	9	
Kenora C	395	1	38	356	2	55	
Red Lake M	22	0	2	20	0	2	
Sioux Lookout M	46	0	5	41	0	7	
Provincial Highway	705	3	97	605	3	152	
Other Areas	116	2	15	99	2	19	
Kenora Total	**1,422**	**6**	**163**	**1,253**	**7**	**244**	**55,087**
Lambton							
Brooke-Alvinston TP	23	0	5	18	0	8	
Dawn-Euphemia TP	24	0	5	19	0	7	
Enniskillen TP	46	0	6	40	0	8	
Petrolia T	30	0	6	24	0	7	
Plympton-Wyoming T	46	0	5	41	0	7	
Point Edward V	11	0	7	4	0	9	
Sarnia C	885	5	155	725	5	193	
St. Clair TP	10	0	0	10	0	0	
Warwick TP	25	0	8	17	0	13	
Provincial Highway	197	0	39	158	0	52	
Other Areas	300	4	52	244	5	73	
Lambton Total	**1,597**	**9**	**288**	**1,300**	**10**	**377**	**101,526**

Table 4.1: Place of Collision – Class of Collision, Persons Killed, Injured and Motor Vehicle Registrations, 2011 (continued)

Place of Collision	Class of Collision				Persons		Motor Vehicle Registrations*
	Total Collisions	Fatal	Personal Injury	Property Damage	Killed	Injured	
Lanark							
Beckwith TP	65	0	6	59	0	8	
Carleton Place T	79	0	13	66	0	14	
Lanark Highlands TP	141	1	20	120	1	24	
Mississippi Mills T	18	0	6	12	0	7	
Montague TP	42	1	6	35	1	7	
Perth T	258	0	44	214	0	68	
Smiths Falls ST	188	0	28	160	0	30	
Tay Valley TP	2	0	0	2	0	0	
Provincial Highway	194	1	40	153	1	62	
Other Areas	347	1	49	297	2	69	
Lanark Total	**1,334**	**4**	**212**	**1,118**	**5**	**289**	**61,959**
Leeds & Grenville							
Athens TP	15	0	2	13	0	2	
Augusta TP	79	0	18	61	0	21	
Brockville C	334	0	60	274	0	79	
Edwardsburgh/ Cardinal TP	68	0	9	59	0	15	
Elizabethtown-Kitley TP	94	0	22	72	0	26	
Front of Yonge TP	16	0	1	15	0	1	
Gananoque ST	67	0	5	62	0	7	
Leeds and the Thousand Islands TP	0	0	0	0	0	0	
Merrickville-Wolford V	29	0	4	25	0	6	
North Grenville M	56	0	13	43	0	20	
Prescott ST	73	0	23	50	0	31	
Rideau Lakes TP	52	0	11	41	0	14	
Provincial Highway	529	2	109	418	2	159	
Other Areas	561	2	85	474	2	118	
Leeds & Grenville Total	**1,973**	**4**	**362**	**1,607**	**4**	**499**	**92,867**

Table 4.1: Place of Collision – Class of Collision, Persons Killed, Injured and Motor Vehicle Registrations, 2011 (continued)

Place of Collision	Class of Collision				Persons		Motor Vehicle Registrations*
	Total Collisions	Fatal	Personal Injury	Property Damage	Killed	Injured	
Lennox & Addington							
Addington Highlands TP	10	0	2	8	0	2	
Greater Napanee T	198	0	31	167	0	43	
Loyalist TP	104	0	19	85	0	23	
Stone Mills TP	82	0	19	63	0	25	
Provincial Highway	225	1	45	179	1	63	
Other Areas	38	0	4	34	0	4	
Lennox & Addington Total	**657**	**1**	**120**	**536**	**1**	**160**	**35,660**
Manitoulin							
Central Manitoulin M	27	0	5	22	0	5	
Provincial Highway	220	0	28	192	0	39	
Other Areas	86	2	10	74	2	15	
Manitoulin Total	**333**	**2**	**43**	**288**	**2**	**59**	**15,695**
Middlesex							
Adelaide-Metcalfe TP	68	0	7	61	0	13	
London C	4,138	7	1,650	2,481	8	2,376	
Lucan Biddulph TP	26	0	5	21	0	8	
Middlesex Centre M	280	4	62	214	4	111	
North Middlesex M	2	0	1	1	0	1	
Southwest Middlesex M	3	0	0	3	0	0	
Strathroy-Caradoc TP	259	1	49	209	1	66	
Provincial Highway	438	1	76	361	1	111	
Other Areas	612	4	118	490	4	206	
Middlesex Total	**5,826**	**17**	**1,968**	**3,841**	**18**	**2,892**	**294,760**
Muskoka							
Bracebridge T	216	0	26	190	0	34	
Georgian Bay TP	39	0	6	33	0	9	
Gravenhurst T	124	0	24	100	0	33	
Huntsville T	247	1	33	213	1	42	

Table 4.1: Place of Collision – Class of Collision, Persons Killed, Injured and Motor Vehicle Registrations, 2011 (continued)

Place of Collision	Class of Collision				Persons		Motor Vehicle Registrations*
	Total Collisions	Fatal	Personal Injury	Property Damage	Killed	Injured	
Lake Of Bays TP	27	0	0	27	0	0	
Muskoka Lakes TP	111	1	16	94	1	24	
Provincial Highway	635	5	99	531	5	138	
Other Areas	67	0	17	50	0	21	
Muskoka Total	**1,466**	**7**	**221**	**1,238**	**7**	**301**	**66,101**
Niagara							
Fort Erie T	293	1	52	240	1	67	
Grimsby T	224	0	41	183	0	55	
Lincoln T	166	0	20	146	0	22	
Niagara Falls C	1,163	3	146	1,014	3	178	
Niagara-On-The-Lake T	195	0	28	167	0	36	
Pelham T	157	0	20	137	0	22	
Port Colborne C	137	0	22	115	0	25	
St. Catharines C	1,598	5	197	1,396	5	260	
Thorold C	183	0	16	167	0	17	
Wainfleet TP	59	1	10	48	1	15	
Welland C	567	0	72	495	0	87	
West Lincoln TP	138	5	21	112	5	29	
Provincial Highway	1,099	3	236	860	3	343	
Other Areas	63	0	13	50	0	20	
Niagara Total	**6,042**	**18**	**894**	**5,130**	**18**	**1,176**	**326,076**
Nipissing							
Bonfield TP	5	0	0	5	0	0	
East Ferris TP	28	0	2	26	0	3	
Mattawa T	14	0	3	11	0	3	
North Bay C	500	0	146	354	0	196	
West Nipissing M	67	0	12	55	0	15	
Provincial Highway	743	7	144	592	10	214	
Other Areas	151	0	19	132	0	27	
Nipissing Total	**1,508**	**7**	**326**	**1,175**	**10**	**458**	**84,836**
Northumberland							
Alnwick-Haldimand TP	89	0	18	71	0	20	
Brighton M	115	0	27	88	0	34	
Cobourg T	213	0	32	181	0	43	
Cramahe TP	33	0	5	28	0	5	

Table 4.1: Place of Collision – Class of Collision, Persons Killed, Injured and Motor Vehicle Registrations, 2011 (continued)

Place of Collision	Class of Collision				Persons		Motor Vehicle Registrations*
	Total Collisions	Fatal	Personal Injury	Property Damage	Killed	Injured	
Hamilton TP	59	1	23	35	1	38	
Port Hope M	144	0	27	117	0	35	
Trent Hills M	90	1	12	77	1	24	
Provincial Highway	296	1	62	233	1	99	
Other Areas	206	3	42	161	4	60	
Northumberland Total	**1,245**	**6**	**248**	**991**	**7**	**358**	**76,360**
Ottawa							
Ottawa C	13,763	18	2,547	11,198	19	3,379	
Provincial Highway	1,501	5	219	1,277	5	304	
Other Areas	0	0	0	0	0	0	
Ottawa Total	**15,264**	**23**	**2,766**	**12,475**	**24**	**3,683**	**535,996**
Oxford							
East Zorra-Tavistock TP	25	0	6	19	0	7	
Ingersoll T	105	0	20	85	0	25	
Norwich TP	162	2	28	132	3	41	
Tillsonburg T	154	0	16	138	0	20	
Woodstock C	421	0	86	335	0	122	
Zorra TP	186	3	43	140	3	73	
Provincial Highway	386	3	63	320	3	89	
Other Areas	292	0	53	239	0	80	
Oxford Total	**1,731**	**8**	**315**	**1,408**	**9**	**457**	**91,338**
Parry Sound							
Magnetawan M	6	0	0	6	0	0	
Mcdougall M	18	0	3	15	0	5	
Nipissing TP	6	0	1	5	0	1	
Parry Sound T	145	1	27	117	1	41	
Perry TP	9	0	2	7	0	4	
Powassan M	10	0	2	8	0	3	
Provincial Highway	574	5	84	485	5	121	
Other Areas	133	1	28	104	1	47	
Parry Sound Total	**901**	**7**	**147**	**747**	**7**	**222**	**57,582**

Table 4.1: Place of Collision – Class of Collision, Persons Killed, Injured and Motor Vehicle Registrations, 2011 (continued)

Place of Collision	Class of Collision				Persons		Motor Vehicle Registrations*
	Total Collisions	Fatal	Personal Injury	Property Damage	Killed	Injured	
Peel							
Brampton C	5,303	4	1,215	4,084	4	1,696	
Caledon T	877	2	175	700	2	257	
Mississauga C	6,577	15	1,282	5,280	17	1,735	
Provincial Highway	3,748	5	737	3,006	5	1,114	
Other Areas	177	0	33	144	0	41	
Peel Total	**16,682**	**26**	**3,442**	**13,214**	**28**	**4,843**	**793,675**
Perth							
North Perth M	127	3	23	101	3	37	
Perth East TP	123	2	27	94	2	46	
Perth South TP	65	0	12	53	0	17	
St. Marys ST	43	0	5	38	0	6	
Stratford C	448	1	89	358	1	129	
West Perth M	73	0	15	58	0	21	
Provincial Highway	143	1	38	104	1	72	
Other Areas	103	0	26	77	0	36	
Perth Total	**1,125**	**7**	**235**	**883**	**7**	**364**	**60,597**
Peterborough							
Asphodel-Norwood TP	38	0	9	29	0	13	
Cavan-Monaghan TP	69	0	18	51	0	39	
Douro-Dummer TP	62	1	8	53	1	13	
Galway-Cavendish-Harvey TP	93	2	19	72	2	26	
Havelock-Belmont-Methuen TP	41	0	5	36	0	6	
North Kawartha TP	28	0	4	24	0	4	
Otonabee-South Monaghan TP	65	0	8	57	0	15	
Peterborough C	839	2	392	445	2	568	
Smith-Ennismore-Lakefield TP	214	0	51	163	0	72	
Provincial Highway	290	2	59	229	3	80	
Other Areas	19	0	2	17	0	5	
Peterborough Total	**1,758**	**7**	**575**	**1,176**	**8**	**841**	**112,627**

Table 4.1: Place of Collision – Class of Collision, Persons Killed, Injured and Motor Vehicle Registrations, 2011 (continued)

Place of Collision	Class of Collision				Persons		Motor Vehicle Registrations*
	Total Collisions	Fatal	Personal Injury	Property Damage	Killed	Injured	
Prescott & Russell							
Alfred and Plantagenet TP	130	0	28	102	0	47	
Casselman V	46	0	5	41	0	7	
Clarence-Rockland C	285	1	34	250	2	47	
East Hawkesbury TP	33	0	9	24	0	10	
Hawkesbury T	198	1	49	148	1	58	
The Nation M	205	1	48	156	2	61	
Russell TP	84	1	10	73	1	16	
Provincial Highway	207	0	36	171	0	55	
Other Areas	116	0	23	93	0	34	
Prescott & Russell Total	**1,304**	**4**	**242**	**1,058**	**6**	**335**	**90,129**
Prince Edward							
Provincial Highway	34	0	6	28	0	9	
Other Areas	387	0	67	320	0	84	
Prince Edward Total	**421**	**0**	**73**	**348**	**0**	**93**	**24,311**
Rainy River							
Atikokan T	20	0	0	20	0	0	
Fort Frances T	97	0	14	83	0	16	
Provincial Highway	250	2	26	222	2	38	
Other Areas	75	0	10	65	0	15	
Rainy River Total	**442**	**2**	**50**	**390**	**2**	**69**	**23,992**
Renfrew							
Admaston-Bromley TP	21	0	3	18	0	6	
Arnprior T	78	0	14	64	0	20	
Bonnechere Valley TP	1	0	0	1	0	0	
Brudenell, Lyndoch and Raglan TP	22	0	3	19	0	4	

Table 4.1: Place of Collision – Class of Collision, Persons Killed, Injured and Motor Vehicle Registrations, 2011 (continued)

Place of Collision	Class of Collision				Persons		Motor Vehicle Registrations*
	Total Collisions	Fatal	Personal Injury	Property Damage	Killed	Injured	
Deep River T	18	0	0	18	0	0	
Greater Madawaska TP	1	0	1	0	0	1	
Horton TP	46	0	5	41	0	6	
Laurentian Hills T	13	0	2	11	0	2	
Laurentian Valley TP	109	1	18	90	1	36	
Madawaska Valley TP	0	0	0	0	0	0	
McNab-Braeside TP	59	1	10	48	1	13	
North Algona Wilberforce TP	13	0	1	12	0	1	
Pembroke C	251	0	44	207	0	60	
Petawawa T	112	0	17	95	0	34	
Renfrew T	223	0	42	181	0	47	
Whitewater Region TP	2	0	0	2	0	0	
Provincial Highway	500	9	96	395	9	167	
Other Areas	261	4	41	216	5	63	
Renfrew Total	**1,730**	**15**	**297**	**1,418**	**16**	**460**	**102,655**
Simcoe							
Adjala-Tosorontio TP	99	0	17	82	0	21	
Barrie C	1,423	0	418	1,005	0	564	
Bradford West Gwillimbury T	390	1	65	324	1	91	
Clearview TP	298	3	53	242	3	95	
Collingwood T	266	0	36	230	0	44	
Essa TP	237	1	46	190	1	76	
Innisfil T	433	0	66	367	0	114	
Midland T	206	0	32	174	0	46	
New Tecumseth T	270	1	56	213	1	94	
Orillia C	349	2	78	269	3	104	
Oro-Medonte TP	42	3	12	27	3	21	

Table 4.1: Place of Collision – Class of Collision, Persons Killed, Injured and Motor Vehicle Registrations, 2011 (continued)

Place of Collision	Class of Collision				Persons		Motor Vehicle Registrations*
	Total Collisions	Fatal	Personal Injury	Property Damage	Killed	Injured	
Penetanguishene T	42	0	9	33	0	11	
Ramara TP	81	1	22	58	1	30	
Severn TP	95	1	19	75	1	30	
Tay TP	101	0	20	81	0	28	
Tiny TP	103	0	24	79	0	37	
Wasaga Beach T	183	1	33	149	1	41	
Provincial Highway	1,667	7	320	1,340	8	512	
Other Areas	463	0	118	345	0	186	
Simcoe Total	**6,748**	**21**	**1,444**	**5,283**	**23**	**2,145**	**376,547**
Stormont, Dundas & Glengarry							
Cornwall C	512	4	132	376	4	180	
North Dundas TP	4	0	0	4	0	0	
North Glengarry TP	248	2	43	203	2	54	
North Stormont TP	160	0	21	139	0	32	
South Dundas TP	16	0	2	14	0	2	
South Glengarry TP	6	0	3	3	0	7	
South Stormont TP	44	0	8	36	0	8	
Provincial Highway	335	0	63	272	0	98	
Other Areas	86	0	11	75	0	15	
Stormont, Dundas & Glengarry Total	**1,411**	**6**	**283**	**1,122**	**6**	**396**	**96,142**
Sudbury							
Chapleau TP	6	0	1	5	0	2	
Espanola T	51	0	10	41	0	14	
French River M	0	0	0	0	0	0	
Greater Sudbury C	1,881	4	465	1,412	4	674	
Markstay-Warren M	1	0	1	0	0	1	
Provincial Highway	712	6	180	526	7	285	
Other Areas	187	0	46	141	0	63	
Sudbury Total	**2,838**	**10**	**703**	**2,125**	**11**	**1,039**	**191,113**

Table 4.1: Place of Collision – Class of Collision, Persons Killed, Injured and Motor Vehicle Registrations, 2011 (continued)

Place of Collision	Class of Collision				Persons		Motor Vehicle Registrations*
	Total Collisions	Fatal	Personal Injury	Property Damage	Killed	Injured	
Thunder Bay							
Greenstone M	3	0	0	3	0	0	
Manitouwadge TP	5	0	0	5	0	0	
Marathon T	9	0	1	8	0	2	
Neebing M	6	0	1	5	0	1	
Nipigon TP	6	0	0	6	0	0	
Oliver Paipoonge M	41	0	5	36	0	6	
Shuniah M	20	0	3	17	0	3	
Terrace Bay TP	4	0	0	4	0	0	
Thunder Bay C	1,772	5	389	1,378	5	522	
Provincial Highway	932	4	142	786	6	206	
Other Areas	87	0	11	76	0	17	
Thunder Bay Total	**2,885**	**9**	**552**	**2,324**	**11**	**757**	**143,731**
Timiskaming							
Englehart T	6	0	1	5	0	1	
Kirkland Lake T	93	1	11	81	1	13	
Temiskaming Shores C	89	0	17	72	0	21	
Provincial Highway	293	4	74	215	6	136	
Other Areas	71	1	12	58	1	19	
Timiskaming Total	**552**	**6**	**115**	**431**	**8**	**190**	**39,343**
Toronto							
Toronto C	25,654	28	10,542	15,084	28	14,649	
Provincial Highway	7,637	5	1,372	6,260	5	2,050	
Other Areas	0	0	0	0	0	0	
Toronto Total	**33,291**	**33**	**11,914**	**21,344**	**33**	**16,699**	**1,159,937**

Table 4.1: Place of Collision – Class of Collision, Persons Killed, Injured and Motor Vehicle Registrations, 2011 (continued)

Place of Collision	Class of Collision				Persons		Motor Vehicle Registrations*
	Total Collisions	Fatal	Personal Injury	Property Damage	Killed	Injured	
Waterloo							
Cambridge C	1,767	3	472	1,292	3	656	
Kitchener C	3,051	5	756	2,290	5	1,018	
North Dumfries TP	130	0	35	95	0	48	
Waterloo C	1,518	2	346	1,170	2	471	
Wellesley TP	30	0	12	18	0	22	
Wilmot TP	204	0	44	160	0	65	
Woolwich TP	359	5	85	269	6	126	
Provincial Highway	1,182	1	247	934	1	372	
Other Areas	63	1	11	51	1	19	
Waterloo Total	**8,304**	**17**	**2,008**	**6,279**	**18**	**2,797**	**354,749**
Wellington							
Centre Wellington TP	229	0	33	196	0	52	
Erin T	138	0	29	109	0	40	
Guelph C	1,313	3	447	863	3	632	
Guelph/Eramosa TP	182	1	47	134	1	64	
Mapleton TP	196	3	37	156	3	64	
Minto T	101	1	19	81	1	27	
Puslinch TP	163	0	39	124	0	57	
Wellington North TP	75	0	16	59	0	20	
Provincial Highway	679	4	135	540	4	205	
Other Areas	173	0	22	151	0	33	
Wellington Total	**3,249**	**12**	**824**	**2,413**	**12**	**1,194**	**160,821**
York							
Aurora T	472	0	77	395	0	96	
East Gwillimbury T	451	3	88	360	3	127	
Georgina T	351	1	78	272	1	104	
King TP	314	2	70	242	2	96	
Markham T	2,340	5	886	1,449	5	1,198	
Newmarket T	822	0	166	656	0	203	

Table 4.1: Place of Collision – Class of Collision, Persons Killed, Injured and Motor Vehicle Registrations, 2011 (continued)

Place of Collision	Class of Collision				Persons		Motor Vehicle Registrations*
	Total Collisions	Fatal	Personal Injury	Property Damage	Killed	Injured	
Richmond Hill T	1,283	1	476	806	1	620	
Vaughan C	3,051	10	1,117	1,924	11	1,503	
Whitchurch Stouffville T	278	1	65	212	1	89	
Provincial Highway	1,443	3	279	1,161	3	432	
Other Areas	90	0	7	83	0	7	
York Total	**10,895**	**26**	**3,309**	**7,560**	**27**	**4,475**	**715,684**

* This number does not match the vehicle population in Table 5.5; it does not include 10,904 vehicles that are not associated with a county or region in Ontario.

Legend:

C = City
T = Town
TP = Township
M = Municipality
ST = Separated Town
V = Village

Other Areas:

Includes jurisdictions with less than 1,500 population and/or experienced amalgamations/annexation, or name change after 1992.

Table 4.1 is not comparable to previous years.

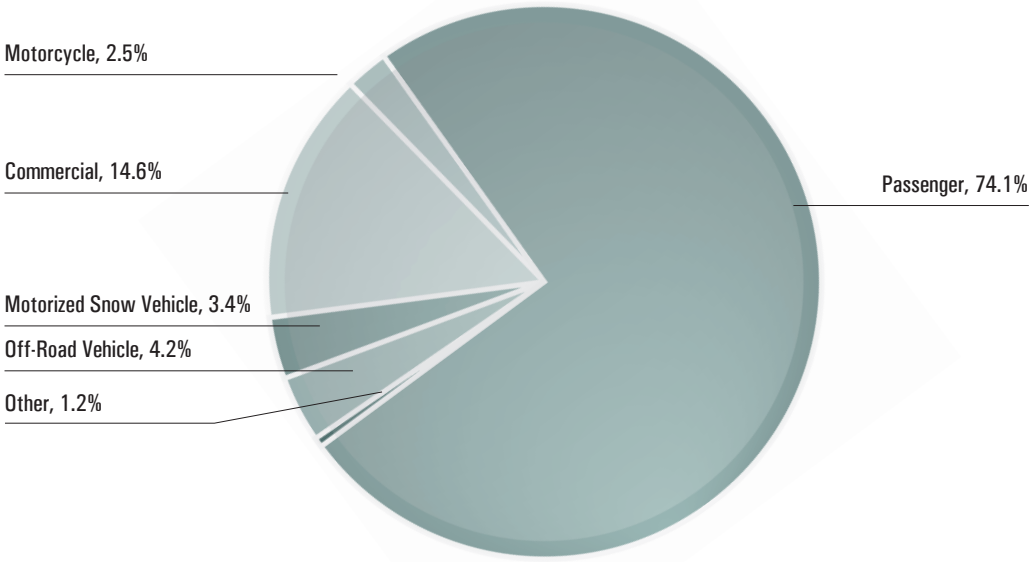

20047
20029
6043

5. THE VEHICLE

This section examines vehicles involved in motor vehicle collisions in Ontario. In 2011, passenger vehicles made up 74 per cent of the vehicle population in Ontario; however, they also represented about 71 per cent of all vehicles involved in collisions.

Only about 1 per cent of all motor vehicles involved in collisions had apparent mechanical defects.

Figure 5 **Vehicle Population by Vehicle Class in Ontario, 2011**



5A. VEHICLES IN COLLISIONS

Table 5.1: Vehicles Involved in Collisions by Class of Collision, 2011

Type of Vehicle	Class of Collision			Total
	Fatal	Personal Injury	Property Damage	
Passenger Car	433	60,049	165,686	**226,168**
Passenger Van	64	6,486	17,196	**23,746**
Motorcycle & Moped	42	1,809	719	**2,570**
Pick-up Truck	118	6,085	25,458	**31,661**
Delivery Van	8	899	3,623	**4,530**
Tow Truck	2	113	422	**537**
Truck	103	2,252	11,791	**14,146**
Bus	6	938	2,816	**3,760**
School Vehicle	3	178	1,046	**1,227**
Off-Road Vehicle	4	28	39	**71**
Snowmobile	0	12	28	**40**
Snow Plow	0	17	172	**189**
Emergency Vehicle	4	303	1,383	**1,690**
Farm Vehicle	6	55	134	**195**
Construction Equipment	0	32	191	**223**
Motor Home	0	15	75	**90**
Railway Train	7	13	9	**29**
Street Car	0	123	309	**432**
Bicycle	21	2,682	527	**3,230**
Other	0	0	1	**1**
Other Non-Motor Vehicle	2	127	168	**297**
Unknown	8	459	5,100	**5,567**
Total	**831**	**82,675**	**236,893**	**320,399**

Table 5.2: Condition of Vehicle by Class of Collision, 2011

Condition of Vehicle	Class of Collision			Total
	Fatal	Personal Injury	Property Damage	
No Apparent Defect	814	79,064	222,226	**302,104**
Service Brakes Defective	0	48	127	**175**
Steering Defective	0	13	52	**65**
Tire Puncture or Blow Out	1	30	118	**149**
Tire Tread Insufficient	0	19	51	**70**
Headlamps Defective	0	8	9	**17**
Other Lamps or Reflectors Defective	0	2	10	**12**
Engine Controls Defective	0	4	13	**17**
Wheels or Suspension Defective	0	3	22	**25**
Vision Obscured	0	6	31	**37**
Trailer Hitch Defective	0	0	9	**9**
Other Defects	2	406	2,265	**2,673**
Unknown	14	3,072	11,960	**15,046**
Total	**831**	**82,675**	**236,893**	**320,399**

Table 5.3: Model Year of Vehicle by Class of Collision, 2011

Model Year of Vehicle	Class of Collision			Total
	Fatal	Personal Injury	Property Damage	
2012	8	362	1,246	**1,616**
2011	34	3,369	10,917	**14,320**
2010	56	5,569	17,892	**23,517**
2009	37	4,912	15,230	**20,179**
2008	67	5,621	17,322	**23,010**
2007	61	6,253	19,067	**25,381**
2006	38	5,815	18,040	**23,893**
2005	70	6,026	17,663	**23,759**
2004	54	5,144	14,951	**20,149**
2003	50	5,832	16,618	**22,500**
2002 and earlier	315	29,373	77,975	**107,663**
Unknown	41	4,399	9,972	**14,412**
Total	**831**	**82,675**	**236,893**	**320,399**

Table 5.4: Insurance Status of Vehicle by Class of Collision, 2011

Insurance	Class of Collision			Total
	Fatal	Personal Injury	Property Damage	
Insured	733	77,564	224,875	**303,172**
Not Insured	27	623	840	**1,490**
Unknown	71	4,488	11,178	**15,737**
Total	**831**	**82,675**	**236,893**	**320,399**

5B. PUTTING THE VEHICLE IN CONTEXT

Table 5.5: Vehicle Population by Type of Vehicle, 2011

Vehicle Class	Vehicle Population
Passenger	6,605,791
Motorcycle	220,026
Moped	1,136
Commercial*	1,300,123
Bus	23,505
School Bus	9,528
Motorized Snow Vehicle	304,603
Off-Road Vehicle	374,784
Road Building Machinery	391
Permanent Apparatus	2,708
Farm Trucks	70,490
Total	**8,913,085**
* Excludes vehicles registered under the PRORATE-P program (62,274 vehicles)	

Table 5.6: Selected Types of Vehicles by Model Year, 2011

Vehicle Class	Model Year											Total
	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003	2002 and earlier	
Passenger	128,280	425,503	510,379	430,409	477,958	510,260	477,423	479,894	408,428	475,877	2,281,380	**6,605,791**
Motorcycle	791	6,296	8,111	17,352	18,326	17,816	16,562	13,901	12,273	14,427	94,171	**220,026**
Moped	0	1	16	17	12	16	68	207	57	34	708	**1,136**
Commercial*	16,340	99,754	98,336	72,291	92,271	97,823	89,308	85,720	82,374	86,082	553,413	**1,373,712**
Bus	798	2,098	2,462	3,001	2,257	2,092	2,965	2,260	2,717	2,027	10,356	**33,033**
Motorized Snow Vehicle	3,157	4,987	6,198	7,020	5,956	7,996	8,751	8,153	8,237	8,219	235,929	**304,603**
Off-Road Vehicle	2,410	11,785	9,425	18,170	22,974	27,173	23,954	23,829	25,331	20,520	189,213	**374,784**
Total	**151,776**	**550,424**	**634,927**	**548,260**	**619,754**	**663,176**	**619,031**	**613,964**	**539,417**	**607,186**	**3,365,170**	**8,913,085**

* Excludes vehicles registered under the PRORATE-P program (62,274vehicles)

Table 5.7: Vehicle Damage Level by Class of Collision, 2011

Damage	Class of Collision			Total
	Fatal	Personal Injury	Property Damage	
None	58	8,114	14,770	**22,942**
Light	103	22,368	99,409	**121,880**
Moderate	98	21,951	75,509	**97,558**
Severe	126	17,418	25,654	**43,198**
Demolished	407	8,680	5,695	**14,782**
Unknown	39	4,144	15,856	**20,039**
Total	**831**	**82,675**	**236,893**	**320,399**

Vehicle Damage

None: No visible damage.
Light: Slight or superficial damage. Includes scratches, small dents, minor cracks in glass that do not affect safety or performance of vehicle.
Moderate: Unsafe conditions result from damage. Vehicle must be repaired to make its condition meet requirements of law. Vehicle can be driven off road or limited distance but doing so would be unsafe.
Severe: Vehicle cannot be driven. Requires towing. Would normally be repaired.
Demolished: Vehicle damaged to the extent that repairs would not be feasible.

6. SPECIAL VEHICLES

This section examines vehicles of special interest, including motorcycles, school buses, large trucks, snowmobiles, off-road vehicles and bicycles.

The ministry is continuously monitoring the safety of special vehicle types as many fatalities and injuries result from collisions that occur off road and involve off-road vehicles and snowmobiles. Safety of some other vehicle types such as bicycles, motorcycles, school buses or large trucks is always in the centre of public scrutiny.

6A. MOTORCYCLES

Table 6.1: Motorcyclists* Killed and Injured, 2002–2011

Year	Drivers		Passengers	
	Killed	Injured	Killed	Injured
2002	35	1,161	3	311
2003	46	1,087	6	268
2004	44	1,107	3	297
2005	68	1,206	6	362
2006	48	1,219	5	352
2007	48	1,274	4	399
2008	50	1,199	3	366
2009	38	1,236	1	425
2010	45	1,230	2	462
2011	36	1,326	2	478

* Excludes hangers on, moped drivers and passengers.

Table 6.2: Selected Factors Relevant to Fatal Motorcycle Collisions, 2011

Factors (not mutually exclusive)	%
Unlicensed Motorcycle Drivers	7.5
Under 25 Years Old	15.0
Alcohol Used	
Ability Impaired Alcohol > 0.08	12.5
Had Been Drinking	7.5
Unknown	0.0
Helmet Not Worn (Fatalities)	10.5
Motorcycle Driver Error	
Speed Too Fast/Lost Control	59.0
Other Error	15.4
Single Vehicle Collisions	42.1
Day/Night	84/16
Weekend	39.5

6B. SCHOOL VEHICLES

Table 6.3: Pupils Transported Daily, Total Number of School Vehicles Involved in Collisions – School Years 2006/2007–2010/2011

School Year	Pupils Transported Daily	Number of School Vehicles in Collisions
2006/2007	838,326	1,186
2007/2008	787,580	1,306
2008/2009	817,888	1,292
2009/2010	818,190	1,059
2010/2011	824,102	1,154

Table 6.4: School Vehicle Type by Nature of Collision, School Year 2010/2011

School Vehicle Type	Nature of Collision				Total Number of Collisions	Five Year Total (2006/2007 –2010/2011)
	Fatal	Pupil Injury	Non-Pupil Injury	Property Damage		
School Bus	0	69	76	916	**1,061**	**5,587**
School Van	0	4	5	34	**43**	**218**
Other School Vehicles	0	0	8	42	**50**	**192**
Total	**0**	**73**	**89**	**992**	**1,154**	**5,997**

Table 6.5: Pupil Injury by Collision Event and Vehicle Type, 2010/2011 (Number of Persons)

School Vehicle Type	Collision Event									
	Crossing Road		Within School Vehicle		Other		Total		Five Year Total (2006/2007 - 2010/2011)	
	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured
School Bus	0	0	0	90	0	9	**0**	**99**	**2**	**611**
School Van	0	0	0	5	0	1	**0**	**6**	**0**	**23**
Other School Vehicles	0	0	0	0	0	0	**0**	**0**	**0**	**3**
Total	**0**	**0**	**0**	**95**	**0**	**10**	**0**	**105**	**2**	**637**

6C. LARGE TRUCKS

Table 6.6: Number of Persons Killed in Collisions Involving Large Trucks, 2007–2011

Year	Persons Killed in Truck Collisions			
	Where Truck Driver Not Driving Properly	% Where Truck Driver Not Driving Properly	All Truck Collisions	% of Total Deaths
2007	56	32.9	170	**22.2**
2008	47	36.2	130	**20.6**
2009	27	27.3	99	**17.6**
2010	30	27.5	109	**18.8**
2011	30	29.7	101	**20.3**
Total	**190**	**31.2**	**609**	**20.1**

Table 6.7: Number of Large Trucks in All Classes of Collisions, 2011

Truck Types	Class of Collision			Total
	Fatal	Personal Injury	Property Damage	
Straight Truck	33	979	5,242	**6,254**
Straight Truck & Trailer	5	72	484	**561**
Tractor Only	5	285	1,973	**2,263**
Tractor & Semi-Trailer	55	833	3,569	**4,457**
"A-C" Train Double	1	18	73	**92**
"B" Train Double	1	22	112	**135**
Other/Unknown	5	156	760	**921**
Total	**105**	**2365**	**12,213**	**14,683**

Table 6.8: Registered Trucks, 2011

Driver Licence Required	Registered Trucks
G	1,168,795
D	78,578
A*	188,613**
Total	**1,247,373**

* Tractor/trailer combination only.

** Includes vehicles registered under the PRORATE-P program (62,274 vehicles).

Table 6.9: Selected Factors Relevant to Fatal Large Truck Collisions, 2011

Factors in Fatal Collisions	%
Drivers	
Alcohol Involved	0
Driving Properly	70
Collisions	
Single Vehicle	26
Weather Condition – Clear	78
Daylight	69
Vehicles	
Vehicle Defect Present*	2

* Excludes unknown category.

6D. OFF-ROAD VEHICLES

Table 6.10: Drivers of Off-Road Vehicles Killed and Injured by Collision Location*, 2007–2011

Location	Killed					Injured				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
On-Highway	16	10	15	9	6	141	136	142	129	127
Off-Highway	8	7	7	8	10	117	105	130	124	124
Total	**24**	**17**	**22**	**17**	**16**	**258**	**241**	**272**	**253**	**251**

* Beginning with the 2004 ORSAR edition, the ORV statistics include casualties of all "on-highway" and "off-highway" collisions, and not only HTA reportable collisions. As a result, provided statistics are not comparable with the statistics provided in earlier editions of ORSAR.

Table 6.11a: Passengers of Off-Road Vehicles Killed and Injured, by Collision Location*, 2007 – 2011

Location	Killed					Injured				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
On-Highway	1	3	1	2	1	89	91	101	126	93
Off-Highway	3	0	1	0	1	54	66	79	37	65
Total	**4**	**3**	**2**	**2**	**2**	**143**	**157**	**180**	**163**	**158**

* Beginning with the 2004 ORSAR edition, the ORV statistics include casualties of all "on-highway" and "off-highway" collisions, and not only HTA reportable collisions. As a result, provided statistics are not comparable with the statistics provided in earlier editions of ORSAR.

Table 6.11b: Pedestrians Killed and Injured by Off-Road Vehicles, by Collision Location*, 2007 – 2011

Location	Killed					Injured				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
On-Highway	0	0	0	0	0	1	4	5	4	4
Off-Highway	0	0	0	0	0	3	2	3	4	4
Total	**0**	**0**	**0**	**0**	**0**	**4**	**6**	**8**	**8**	**8**

* Beginning with the 2004 ORSAR edition, the ORV statistics include casualties of all "on-highway" and "off-highway" collisions, and not only HTA reportable collisions. As a result, provided statistics are not comparable with the statistics provided in earlier editions of ORSAR.

Table 6.12: Registered Off-Road Vehicles, 2007–2011

Year	Vehicles Registered
2007	299,849
2008	324,099
2009	341,811
2010	358,835
2011	374,784

Table 6.13: Selected Factors Relevant to All Off-Road Vehicle Collisions, 2011

Factors	%
Drivers Under 25 Years of Age	36
Alcohol Used	26
Speeding	18
Helmet Not Worn	30
Daytime	75
Two-Wheeled	18
Three-Wheeled	6
Four-Wheeled	76

6E. MOTORIZED SNOW VEHICLES

Table 6.14: Drivers of Motorized Snow Vehicles* Killed and Injured by Collision Location – Riding Seasons 2006/2007–2010/2011

Location	Killed					Injured				
	06/07	07/08	08/09	09/10	10/11	06/07	07/08	08/09	09/10	10/11
On-Highway	4	4	7	6	5	46	56	51	31	35
Off-Highway	10	17	17	17	15	100	140	98	130	102
Total	**14**	**21**	**24**	**23**	**20**	**146**	**196**	**149**	**161**	**137**

* Beginning with the 2004 ORSAR edition, the MSV statistics include casualties of all "on-highway" and "off-highway" collisions, and not only HTA reportable collisions. As a result, provided statistics are not comparable with the statistics provided in earlier editions of ORSAR.

Table 6.15a: Passengers of Motorized Snow Vehicles* Killed and Injured by Collision Location – Riding Seasons 2006/2007–2010/2011

Location	Killed					Injured				
	06/07	07/08	08/09	09/10	10/11	06/07	07/08	08/09	09/10	10/11
On-Highway	0	1	1	0	0	12	24	26	8	14
Off-Highway	1	2	2	4	0	42	66	52	24	70
Total	**1**	**3**	**3**	**4**	**0**	**54**	**90**	**78**	**32**	**84**

* Beginning with the 2004 ORSAR edition, the MSV statistics include casualties of all "on-highway" and "off-highway" collisions, and not only HTA reportable collisions. As a result, provided statistics are not comparable with the statistics provided in earlier editions of ORSAR.

Table 6.15b: Pedestrians Killed and Injured by Motorized Snow Vehicles* by Collision Location – Riding Seasons 2006/2007–2010/2011

Location	Killed					Injured				
	06/07	07/08	08/09	09/10	10/11	06/07	07/08	08/09	09/10	10/11
On-Highway	0	0	0	0	0	1	5	7	2	1
Off-Highway	2	0	0	0	0	1	3	3	2	0
Total	**2**	**0**	**0**	**0**	**0**	**2**	**8**	**10**	**4**	**1**

* Beginning with the 2004 ORSAR edition, the MSV statistics include casualties of all "on-highway" and "off-highway" collisions, and not only HTA reportable collisions. As a result, provided statistics are not comparable with the statistics provided in earlier editions of ORSAR.

Table 6.16: Registered Motorized Snow Vehicles, 2007–2011

Year	Registered Motorized Snow Vehicles
2007	310,798
2008	315,735
2009	316,562
2010	310,525
2011	304,603

Table 6.17: Selected Factors Relevant to All Motorized Snow Vehicle Collisions, Riding Season 2010/2011

Factors	%
Unlicensed Operators	4
Rider Error; Speed too Fast	26
Alcohol Used	15
Surface Condition; Icy or Packed Snow	70

6F. BICYCLES

Note: The following three tables consider bicycles involved in HTA reportable* collisions only.

Table 6.18: Bicyclists* Killed and Injured, 2007–2011

Year	Drivers		Passengers	
	Killed	Injured	Killed	Injured
2007	19	2,126	1	394
2008	12	2,015	0	371
2009	13	1,947	0	443
2010	17	2,087	1	422
2011	21	2,179	0	416

* Includes hangers on

Table 6.19: Age of Bicyclists Involved in Collisions by Light Condition, 2011

Light Condition	Age Groups					Unknown	Total
	0–5	6–15	16–30	31–60	61 +		
Daylight	0	17	255	321	42	1,923	2,558
Dawn	0	0	3	11	1	24	39
Dusk	0	1	8	11	2	84	106
Dark	0	0	84	56	1	384	525
Other	0	0	0	0	0	1	1
Unknown	0	0	0	0	0	1	1
Total	**0**	**18**	**350**	**399**	**46**	**2,417**	**3,230**

Table 6.20: Selected Factors Relevant to All Bicycle Collisions, 2011

Factors	%
Driving Properly (Bicyclist)	47
Driving Properly (Motor Vehicle Driver)	46
Intersection Related	70
Going Ahead (Bicyclist)	85
Alcohol Related (Bicyclist)	3
No Apparent Vehicle Defect (Bicycle)	98
Clear Visibility	90
Weekend	18

CONVICTION, OFFENCE AND SUSPENSION DATA

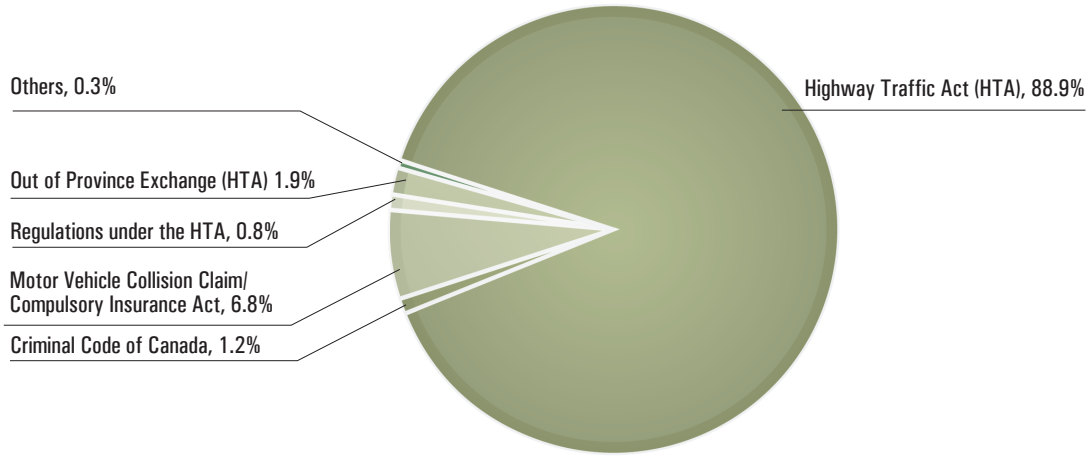
7. CONVICTION, OFFENCE AND SUSPENSION DATA

This section presents conviction, offence and suspension data related to motor vehicle use in Ontario. Convictions are summarized by legislation and conviction type.

In 2011, nearly 90 per cent of motor vehicle convictions were related to Highway Traffic Act (HTA) offences and 1.2 per cent were related to the Criminal Code of Canada (e.g., drinking and driving, dangerous driving, fail to remain).

In the last several years, the number of Administrative Drivers Licence Suspensions (ADLS) for drinking and driving has dropped from about 17,000 to around 16,000 occurrences annually.

Figure 7 **Motor Vehicle Convictions in Ontario by Type, 2011**



7A. CONVICTION DATA

Table 7.1: Summary of Motor Vehicle Related Convictions, 2011

Convictions*	Number
Highway Traffic Act (HTA)	1,283,089
Regulations under the HTA	11,087
Criminal Code of Canada**	17,997
Municipal By-Law***	2
Motor Vehicle Collision Claim/Compulsory Insurance Act	97,800
Motorized Snow Vehicles Act	1,790
Off-Road Vehicles Act	1,613
Out of Province Exchange (HTA)	27,731
Others****	1,635
Total	**1,442,744**

* Includes manually recorded convictions.

** This figure does not include 330 convictions for young offenders under the Criminal Code.

*** In previous years a large portion of convictions under HTA Regulations were allocated to convictions under Municipal By-Law.

**** Others may include Acts not listed above, such as Motor Vehicle Safety Act.

Table 7.2: Motor Vehicle Convictions Related to the Highway Traffic Act, 2011

Convictions*	Number
Equipment	22,646
Administrative*	201,766
Seat Belt (Driver & Passenger)**	34,006
Other Non-Pointable Convictions ***	160,930
Speeding	711,358
Other Pointable Convictions (2 - 4 pts)	125,749
Other Pointable Convictions (5 - 7 pts)	10,529
Driving While Suspended	16,105
Total	**1,283,089**

* Non-moving, weight, vehicle registration, licence renewal, etc.

** Failure to wear seat belt convictions registered against passengers over 16 are no longer included.

*** Now includes some out-of-province convictions.

Table 7.3: Motor Vehicle Convictions Related to the Criminal Code, 2011*

Convictions	Number
Alcohol Related**	13,915
Criminal Negligence	7
Fail to Remain at Collision	432
Fail to Stop for Police Officer	398
Driving While Disqualified	2,264
Dangerous Driving	981
Motor Manslaughter	0
Total	**17,997**

* Does not include 330 convictions for young offenders.

** Includes some out-of-province convictions.

7B. OFFENCE DATA

Table 7.4: Number of Driver* Convictions for Criminal Code of Canada Offences, 2002–2011**

Conviction Type	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Criminal Negligence	26	23	13	18	15	18	14	12	9	4
Fail to Remain	624	579	566	502	532	543	529	429	420	353
Dangerous Driving	1,107	1,165	1,124	1,281	1,353	1,303	1,316	1,182	967	856
Impaired Driving	8,200	7,357	6,678	6,575	6,640	6,836	7,045	6,869	6,540	5,710
Blood/Alcohol over .08	6,488	5,674	5,381	5,296	5,040	5,441	5,950	6,252	6,070	6,117
Fail to Provide Breath Sample	1,227	1,163	1,057	1,009	1,034	1,053	1,065	1,097	1,138	934
Driving While Disqualified	1,783	1,819	1,806	1,809	1,852	1,851	1,931	2,003	2,163	2,138
Motor Manslaughter	0	0	0	1	1	3	2	0	1	0
Undefined	423	477	425	446	506	471	510	473	417	341
Total	**19,878**	**18,257**	**17,050**	**16,937**	**16,973**	**17,519**	**18,362**	**18,317**	**17,725**	**16,453**

*The same driver may be represented in this table more than once.

** Includes offences and registered convictions that occurred in the same year.

Table 7.5: Administrative Driver Licence Suspensions*, Monthly Suspensions Issued, 2002–2011

Suspensions	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
January	1,416	1,349	1,203	1,330	1,228	1,210	1,183	1,368	1,298	1,154
February	1,452	1,391	1,501	1,330	1,197	1,206	1,259	1,401	1,140	1,219
March	1,683	1,566	1,400	1,424	1,317	1,410	1,438	1,502	1,252	1,332
April	1,574	1,412	1,494	1,393	1,340	1,375	1,297	1,391	1,363	1,304
May	1,756	1,578	1,528	1,468	1,247	1,430	1,472	1,533	1,486	1,342
June	1,811	1,608	1,391	1,366	1,307	1,456	1,547	1,373	1,296	1,360
July	1,712	1,589	1,483	1,531	1,452	1,480	1,533	1,489	1,454	1,475
August	1,675	1,639	1,476	1,317	1,399	1,455	1,686	1,482	1,400	1,281
September	1,720	1,498	1,385	1,386	1,396	1,517	1,536	1,458	1,360	1,303
October	1,671	1,568	1,555	1,450	1,487	1,444	1,673	1,412	1,416	1,354
November	1,668	1,591	1,377	1,315	1,412	1,392	1,556	1,656	1,344	1,313
December	1,792	1,578	1,468	1,645	1,709	1,533	1,463	1,374	1,411	1,467
Total	**19,930**	**18,367**	**17,261**	**16,955**	**16,491**	**16,908**	**17,643**	**17,439**	**16,220**	**15,904**

* See Appendix for a more detailed explanation of ADLS.

7C. SUSPENSION DATA

Table 7.6: Demerit Point Suspensions by Driver Age, 2011

Driver Age	Demerit Point Suspensions			
	Novice First Accumulation	Novice Second Accumulation	Regular First Accumulation	Regular Second Accumulation
16	0	0	0	0
17	2	0	0	0
18	23	0	1	0
19	82	3	6	0
20-24	476	50	144	6
25-34	287	40	294	29
35-44	74	12	151	13
45-54	65	12	97	4
55-64	16	3	38	4
65-74	4	2	14	1
75 +	1	0	3	1
Total	**1,030**	**122**	**748**	**58**

8. APPENDIX

8A. GLOSSARY

Ability Impaired Alcohol:

Driver had consumed a sufficient amount of alcohol to warrant being charged with a drinking and driving offence.

Ability Impaired – Alcohol over 0.08:

Ability Impaired, Alcohol: Driver had consumed alcohol and upon testing was found to have a blood-alcohol level in excess of 80 milligrams per 100 millilitres of blood.

Administrative Driver's Licence Suspension (ADLS):

This program, designed to reduce drinking and driving, started November 29, 1996. Under this program, provincial law permits the immediate suspension of a driver's licence for 90 days upon evidence gathered by a police officer that the driver (a) was shown to have a concentration of alcohol in excess of 80 milligrams per 100 millilitres of blood or (b) the driver failed or refused to provide a breath or blood sample.

Alcohol Involved:

This category includes drivers reported as "Had Been Drinking", with "BAC > 80 mg/100mL" or with "Ability Impaired by Alcohol".

Class G1 Driver's Licence:

A holder of a Class G1 driver's licence:

- must have a zero blood alcohol concentration while driving;
- must have an accompanying driver who is a fully licensed driver (Class A, B, C, D, E, F or G) with at least four years driving experience and has a blood alcohol concentration less than 0.05;
- the accompanying driver must be the only passenger in the front seat with the G1 driver;
- unless accompanied by a licensed driving instructor, must not drive on Ontario's "400-series" highways or on high speed expressways such as the Queen Elizabeth Way, the Don Valley Parkway, E.C. Row Expressway and the Conestoga Parkway;
- must ensure the number of passengers in the vehicle is limited to the number of working seat belts;
- must not drive between the hours of midnight and 5 a.m.;
- may drive a Class G vehicle only.

The G1 licence period lasts at minimum 12 months. It can be reduced to eight months by successfully completing an approved driver education course. For information about approved courses, call ServiceOntario at 1-800-268-4686. At the end of the G1 licence period, drivers must pass a road test before proceeding to the G2 licence period.

Class G2 Driver's Licence:

A holder of a Class G2 driver's licence:

- must have a zero blood alcohol concentration while driving;
- is allowed to drive any motor vehicle that requires a Class G driver's licence on the road;
- must ensure the number of passengers in the vehicle is limited to the number of working seat belts;
- for the first six months, G2 drivers aged 19 and under cannot carry more than one passenger aged 19 and under between midnight and 5 a.m.
- after the first six months, G2 drivers aged 19 and under cannot carry more than three passengers aged 19 and under between midnight and 5 a.m.*

The G2 licence period lasts at minimum 12 months. After completing, drivers are eligible to take a comprehensive test to qualify for full licence privileges.

Class M1 Motorcycle Driver's Licence:

A holder of a Class M1 motorcycle driver's licence:

- to operate motorcycle, limited-speed motorcycle (motor scooter) or motor-assisted bicycle (moped) for the purposes of training;
- must have a zero blood alcohol content while driving;
- is only allowed to drive during daylight hours (one-half hour before sunrise to one-half hour after sunset);
- must not ride on highways with speed limits of more than 80 km/h except highways 11, 17, 61, 69, 71, 101, 102, 144, 655;
- must not carry passengers.

The M1 licence period lasts at least 60 days, and the licence is valid for 90 days. M1 drivers must pass the M1 road test before proceeding to the M2 licence period. Alternatively, during the M1 period, they may take an approved motor-cycle or motor scooter safety course that includes a road test, instead of the ministry road test.

Class M2 Motorcycle Driver's Licence:

A holder of a Class M2 motorcycle driver's licence:

- must have a zero blood alcohol concentration while driving.

After completing the M2 licence period, drivers will be eligible to take a comprehensive test to qualify for full licence privileges. Drivers may take an approved M2 Exit motorcycle safety course that includes a road test, instead of the ministry road test.

Class M2/M with L Condition:

A Class M2 or M with L Condition is a motorcycle licence that restricts the licence holder to operating mopeds or limited-speed motorcycles.

Conviction:

Registered when a person pleads guilty to, or is found guilty of, an offence related to a motor vehicle under any Act of the Ontario Legislature or its accompanying regulations, under the Parliament of Canada or any accompanying order, or under any municipal by-law.

Driver:

Unless specified otherwise, any person, whether licensed or not, considered to be in care and control of a vehicle at the time of a collision.

Fatal Collision:

A motor vehicle collision in which at least one person sustains bodily injuries resulting in death. Prior to January 1, 1982, fatal collision statistics included deaths attributed to injuries sustained in the collision, for up to one year after the collision. Since that date, only deaths occurring within 30 days of the collision have been included.

Had Been Drinking:

Driving after having consumed an amount of alcohol not considered sufficient to be legally impaired or with a measured blood alcohol count of greater than zero but less than 80 milligrams per 100 millilitres of blood. As of May 1, 2009, a blood alcohol concentration from 0.05 to 0.08 results in a 3, 7, or 30-day roadside driver's licence suspension for first, second, or third-time occurrences, respectively. Immediately prior to that date, a blood alcohol concentration from 0.05 to 0.08 resulted in a 12-hour suspension.

Hanger-on:

Hangers-on are persons hanging onto a moving motor vehicle's fenders, bumpers, doors or other parts of the vehicle and not located inside; for example riding in back of a pick-up.

Highway:

A common and public highway, street, avenue etc., any part of which is intended for public use or used by the general public for the passage of vehicles, and including the area between the property lines.

Kilometres Travelled:

Prior to 2000, vehicle fleet mileage was estimated on the basis of taxed gasoline and motor fuel sales. Starting in 2000, vehicle kilometres travelled are based on estimates provided by Statistics Canada and Transport Canada.

Limited-Speed Motorcycle (Motor Scooter):

A limited-speed motorcycle is also known as a "motor scooter."

Motor scooters can be either electric or gas powered with a "step through" design and have a maximum speed of 70 km/h. Most motor scooters have automatic transmissions, with a maximum engine displacement of 50 cubic centimeters.

Major Injury:

A non-fatal injury severe enough to require that the injured person be admitted to hospital, even if for observation only.

Minimal Injury:

A non-fatal injury, including minor abrasions and bruises, which does not necessitate the injured person going to a hospital.

Minor Injury:

A non-fatal injury requiring medical treatment at a hospital emergency room, but not requiring hospitalization of the involved person.

Motor-Assisted Bicycle (Moped):

A motor-assisted bicycle is also known as a "moped". Mopeds have pedals that can be operated at all times. Mopeds can be either electric or piston powered and have a maximum speed of 50 km/h.

Mopeds have a piston displacement of not more that 50 cubic centimetres.

Motor Vehicle Collision:

Any incident in which bodily injury or damage to property is sustained as a result of the movement of a motor vehicle, or of its load while a motor vehicle is in motion.

Off-Highway Collisions:

A collision that occurs off a public highway. It can include collisions located on or adjacent to trails and paths, on the surface of a frozen lake or river, or in a private parking lot.

On-Highway Collisions:

A motor vehicle collision which occurs on the highway between the property lines.

Pedestrian:

Any person not riding in or on a vehicle involved in a motor vehicle collision.

Personal Injury Collision:

A motor vehicle collision in which at least one person involved sustains bodily injuries not resulting in death.

Property Damage Collision:

A motor vehicle collision in which no person sustains bodily injury, but in which there is damage to any public property or damage to private property** including damage to the motor vehicle or its load.

Reportable Collision:

Any collision involving injury or damage to private property in excess of a monetary value prescribed by regulation.**

Self-Reporting of a Collision:

Under the Highway Traffic Act [s.199 (1.1)], when one is in a collision in which there is only property damage (no injury or death, and, among other conditions, no criminal activities such as impaired driving) the involved person(s) may report the collision immediately by proceeding with one's vehicle to a Collision Reporting Centre. Self-Reporting of a collision was introduced on January 1, 1997.

Suspension:

Withdrawal of a driver's privilege to operate a motor vehicle for a prescribed period of time.

*These passenger restrictions do not apply if the G2 driver is accompanied by a full "G" licensed driver (with at least four years driving experience) in the front seat, or if the passengers are immediate family members.

**The minimum reportable level for property damage only collisions rose from $200 to $400 on January 1, 1978 and rose again to $700 on January 1, 1985. As of January 1, 1998, the minimum reportable level for property damage only collision is $1,000.

8B. ACKNOWLEDGEMENTS

The Ministry of Transportation would like to acknowledge the following agencies and individuals for their assistance:

Police Services

Ministry of Community Safety and Correctional Services
Office of the Chief Coroner

Ministry of the Attorney General
Court Services Division
Criminal/POA Policy and Programs Branch
Management Information Office

Ministry of Health and Long-Term Care
Health Solutions Delivery Branch
Health Data Decision Support Unit

Ministry of Education
School Business Support Branch
Transportation & Cooperative Services

Photos:
Cabinet Office Library

ISSN #0832-8269 (Printed Version)
ISSN #1710-2480 (Internet Version)

Ministry of Transportation
1201 Wilson Avenue
Building A, Main Floor, Room 212
Toronto, Ontario
M3M 1J8