

Injury Mortality, Waterloo Region and Ontario, 2010, 2011 and 2012

Table 1. Number of injury-related deaths and age-standardized injury-related mortality rate, by place of residence, Waterloo Region and Ontario, 2010, 2011 and 2012

Place of residence	Number of deaths			Age-standardized mortality rate		
	2010	2011	2012	2010	2011	2012
Cambridge	44	41	62	37.4	34.3	50.4
Kitchener	99	76	101	47.8	35.8	46.4
Waterloo	22	36	36	22.7	36.6	36.3
Townships	16	21	29	25.7	34.2	47.8
Waterloo Region	181	174	228	37.7	35.6	45.3
Ontario	5,630	5,524	5,812	43.8	41.9	43.1

Definition:

Injury mortality: Number and rate of deaths due to injury.

Age-standardized mortality rate: Total number of deaths during a given year per 100,000 population, age-standardized to the 2011 Canadian population.

Table 2. Number of injury-related deaths and crude injury-related mortality rate, by age group, Waterloo Region and Ontario, 2012

Place of residence	Age group	Number	Rate
Waterloo Region	Less than 20 years	9	7.0
	20 to 44 years	69	35.8
	45 to 64 years	45	32.0
	65 to 74 years	15	41.1
	75 years and older	90	297.8
Ontario	Less than 20 years	250	8.1
	20 to 44 years	1,304	28.6
	45 to 64 years	1,331	35.1
	65 to 74 years	455	42.3
	75 years and older	2,472	275.1

Limitations and Notes:

Deaths are classified based on the primary (i.e., underlying) cause of death, as this is the only type of cause currently available through this data source. The primary cause of death is (a) the disease or injury which initiated the train of events leading directly to death, or (b) the circumstances of the accident or violence which produced the fatal injury.

Co-morbidity (multiple factors contributing to death) contributes uncertainty to classifying the underlying cause of death. Determining true cause of death may be influenced by the social or legal conditions surrounding the death and by the level of medical investigation, e.g., AIDS, suicide.

Age Standardization is a method of adjusting rates to minimize the effects that different age compositions have on populations. This method is used when comparing two or more populations. The standard 2011 Canadian population was used as the standard for the rates presented here.

Table 3. Number of injury-related deaths and age-standardized injury-related mortality rate, by cause of death, Waterloo Region and Ontario, 2012

Waterloo Region				Ontario			
Rank	Cause of death	Number	Rate	Rank	Cause of death	Number	Rate
1	Falls	87	11.9	1	Falls	2,338	15.9
2	Self-Harm	61	8.2	2	Self-Harm	1,223	8.9
3	Unintentional poisoning	34	4.1	3	Unintentional poisoning	776	4.8
4	Land Transport	25	4.8	4	Land Transport	698	5.3
5	Other unintentional injuries	8	3.9	5	Suffocation and foreign body	333	3.0
6	Drowning/submersion	6	1.0	6	Other unintentional injuries	163	1.3
7	Assault	4	0.6	7	Assault	155	1.4
8	Suffocation and foreign body	NR	NR	8	Drowning/submersion	124	0.9
9	Unintentional firearm discharge	0	0.0	9	Unintentional firearm discharge	NR	NR

Limitations and Notes (continued):

Deaths due to land transport collisions are predominantly represented by motor vehicle collision deaths, but also include deaths in collisions involving other modes of land transportation such as trains, street cars and animal-drawn vehicles.

This indicator includes only residents who resided within Waterloo Region and excludes any Waterloo Region or Ontario residents who died outside Ontario.

The 'Townships' category combines responses from North Dumfries, Wellesley, Wilmot and Woolwich townships.

Table 4. Number of injury-related deaths and age-standardized injury-related mortality rate, by sex and cause of death, Waterloo Region, 2012

Males				Females			
Rank	Cause of death	Number	Rate	Rank	Cause of death	Number	Rate
1	Self-Harm	47	12.1	1	Falls	46	6.0
2	Falls	41	21.0	2	Self-Harm	14	4.5
3	Unintentional poisoning	24	6.5	3	Unintentional poisoning	10	1.9
4	Land Transport	17	9.1	4	Land Transport	8	2.3
5	Drowning/submersion	5	1.5	5	Other unintentional injuries	6	2.8
6	Assault	NR	NR	6	Drowning/submersion	NR	NR
7	Suffocation and foreign body	NR	NR	6	Suffocation and foreign body	NR	NR
7	Other unintentional injuries	NR	NR	6	Assault	NR	NR
9	Unintentional firearm discharge	0	0	9	Unintentional firearm discharge	0	0.0

Limitations and Notes (continued):

'NR' means Not Reportable. Numbers and rates based on numbers between 1 and 5 cannot be reported and have been suppressed.

Source:

Ontario Mortality Data (2010-2012), Ontario Ministry of Health and Long-Term Care, IntelliHEALTH ONTARIO, Date Extracted: March 7, 2017 and Estimates of Population by Age and Sex (2001-2015), Statistics Canada, Community Data Program, Date Extracted: April 6, 2016.

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