



ONTARIO INJURY DATA REPORT

2018

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Sarah Orr, PhD

Epidemiologist

Epidemiology and Evaluation Services

Health Promotion, Chronic Disease, and Injury Prevention

Public Health Ontario

Daniel Harrington, PhD

Manager

Epidemiology and Evaluation Services

Health Promotion, Chronic Disease, and Injury Prevention

Public Health Ontario

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Ontario Injury Data Report 2018

Introduction

Preventable injury is the leading cause of death for Canadians 1 to 44 years of age and claims more lives of children more than all other causes. In addition to the great personal loss experienced by those affected by injuries, there are also great financial costs to our society. According to *The Cost of Injury in Canada* (2015), in 2010, injuries cost the Ontario economy \$8.8 billion and the Ontario population 45,785 lives.¹

We define injury as physical damage to the body that occurs intentionally or unintentionally. Data presented within this report includes both intentional and unintentional injury counts/numbers and rates. Evidence indicates that both categories of injury have unique risk factors and are receptive to interventions. Injuries have been described as the “invisible epidemic” or the “neglected disease” as they occur in great numbers and there is a widespread misconception in society that they are “accidents” that are part of everyday life.² However, injuries, even unintentional injuries, are not accidents. Most injuries, however, are causally related to specific events and multiple factors such as age, gender, risk perception, socio-economic status, risk-taking tendencies, injury mechanism, and culture. As such, injuries are both predictable and preventable.

¹ Parachute. (2015). *The Cost of Injury in Canada*. Parachute: Toronto, ON

² Sattin, R. W., & Corso, P. (2007). The epidemiology and costs of unintentional and violent injuries. In L. S. Doll, S. E. Bonzo, J. A. Mercy & D. A. Sleet (Eds.), *Handbook of injury and violence prevention* (pp. 3-20). Atlanta, USA: Springer

Purpose of the Ontario Injury Data Report

Building on the 2012 Ontario Injury Data Report, this data report presents the latest available counts and rates of injury related emergency department (ED) visits, hospital visits and deaths by cause of injury in Ontario. Viewed collectively, the information presents a complete picture of the burden of injuries in Ontario and can be used to identify populations who are more vulnerable to or at a higher risk for a particular cause of injury. Furthermore, these data can aid in informing the development and implementation of appropriate health promotion programming and injury prevention strategies targeting specific injury causes and specific age groups. As such, this report will assist in identifying and setting priorities. With access to such information, injury prevention and public health practitioners can share knowledge and promote effective strategies aimed at reducing the burden of injury in our society.

Key Findings

Emergency Room Visits

Table A1
ER visits by the leading causes of injury in FY³ 2014 & 2016

Cause of Injury	ER Visit Count
Fall	850,003
Inanimate ⁴	698,882
Sports	318,129
Animate ⁵	212,889
On-road	129,727

Table A2
Highest ER visit by age groups in FY³ 2014 & 2016

Age-Group	ER Visit Count
25-34	321,187
45-54	286,914
35-44	260,972

- ❖ As seen in Table A1, falls contributed to the highest number of ER Visits (N=850,003)
- ❖ Other leading causes of injuries resulting in ER visits included:
 - contact with inanimate objects (N=698,882)
 - Sports-related injuries (N=318,129)
 - animate-contact related injuries (N=212,889)
 - on-road injuries (N=129,727)
- ❖ Examining the data by age groups, adults between ages of 25-34 years contributed to most ER visits (Total for all causes) (N=321,187) as seen in Table A2

³ FY 2014 & 2016 refers to two fiscal years between April 2014 to March 2015 and April 2015 to March 2016.

⁴ Inanimate includes ICD-10 codes W20, W22-W49, W85-W99, X33 and refers to injury caused from falling objects, sports equipment, other objects, or coming in contact with objects or exposure to inanimate mechanical forces .

⁵ Animate includes ICD-10 codes W50-W64, X20-X29 and refers to injury caused to contact or collision with animals or persons. Examples include contact (hit, strike, kick, bite, stung) with rodent, dog, non-venomous mammals, marine animals, amphibian reptiles/plants/thorns etc.

Focus on falls

- ❖ Falls was the single highest contributor of ER visits across all age groups (N=850,003) and causes of injury
- ❖ Seniors older than 80 experienced most fall-related injuries resulting in ER visits (N=132,070) ([Refer to Table 1 for more information](#))
- ❖ Other vulnerable age groups contributing to fall-related ER visits included
 - Adults 45-54 years (N=85,716)
 - Toddlers aged 0-4 years (N=77,380)
 - Children aged 10-14 years (N=65,521)

Hospitalizations

Table B1
Hospitalizations by the leading causes of injury in FY⁶ 2014 & 2016

Cause of Injury	Hospitalizations
Fall	85,873
Self-harm	9,827
Inanimate	9,466
Suffocation	7,820
On-road	7,393

Table B2
Highest hospitalizations by age groups in FY⁶ 2014 & 2016

Age-Group	Hospitalizations
80+	47,551
45-54	12,588
75-79	11,755

- ❖ As seen in Table B1, injuries from falling contributed to the highest number of hospitalizations in 2014-2015 (N=85,873)
- ❖ Other leading causes of injuries resulting hospitalizations included self-harm (N=9,827), collisions with inanimate^s objects (N=9,466), suffocation (N=7820) and on-road injuries (N=7,393)
- ❖ Examining the data by age groups, in FY 2014-2015:
 - Seniors over 80 contributed to most hospitalizations (total for all causes – N=47,551) as seen in Table B2
 - Across the different age groups, falls in seniors over 80 were the single highest contributor of hospitalizations (N=39,779) with hospitalization counts steadily increasing with age for adults aged 25 years and over
 - Teens between the ages of 15-19 years (N=771) and young adults between the ages of 20-24 (N=851) had the lowest hospitalization counts associated with falls

⁶ FY 2014 & 2016 refers to two fiscal years between April 2014 to March 2015 and April 2015 to March 2016.

Deaths

Table C1
Deaths by the leading causes of injury
in CY⁷ 2008-2012

Cause of Injury	Death Count
Falls	10,092
Self-harm	5,788
Poisoning	3,269
On-road	2,408
Suffocation	845

Table C2
Highest incidence of deaths by age
groups in CY⁷ 2008-2012

Age-Group	Death Count
80+	8,740
35-44	2,584
45-54	3,572

In the five-year period between 2008-2012:

- ❖ Falls contributed to the highest number of deaths (N=10,092) across all age groups (Table C1)
- ❖ Other leading causes of injuries resulting in death included self-harm (N=5,788), poisoning (N=3,269), on-road injuries (N=2,408) and Suffocation (N=845) as listed in Table C1
- ❖ Examining the data by age groups, seniors over 80 contributed to most deaths (total for all causes) as seen in Table C2 (N=8740)
- ❖ As examined by cause of death,
 - Falls in seniors over 80 was the single highest cause of death (N=7395) across the different age groups.
 - Self-harm was the leading cause of injury-related deaths in adults between the ages of 45-54 years (N=1,426) and 35-44 years (N=1,064) respectively

⁷ CY refers to Calendar years (Jan – Dec). In this case, cases of death from 5 calendar years beginning Jan 2008 – Dec 2014 have been included.

Reading the Ontario Injury Data Report

Various definitions, timeframes, and abbreviations have been used when developing this report, which are outlined below.

Definitions

Hospitalizations represent the total number of hospital separation (discharge) from selected causes of injury.⁸

Emergency room visits (ER) These cases represent the total number of emergency department visits from selected causes of injury.⁸

Deaths represent the total number of deaths or fatalities each from selected causes of injury.⁸

Methods

Definitions of injury categories and other aspects of this data report were established for the 2012 Ontario Injury Data Report by an advisory committee and the Ontario Injury Prevention Resource Centre (OIPRC)/Parachute (formerly SMARTRISK) and do not represent an exhaustive list of injuries.

Data extraction process for injury report

Data were extracted from the IntelliHEALTH Database, a web-based tool for data extraction, held by the Ontario Ministry of Health and Long-Term Care (MOHLTC). The data extraction and data processing were done at Public Health Ontario by a trained and authorized IntelliHEALTH user. All data were extracted in August 2017.

Data were extracted from four databases for the purposes of this report:

1. **Population** database, specifically the “Population Estimates County/Municipality”. These were used to calculate injury rates.
 - We extracted population data for calendar years 2008-2012, and 2014-2015.
2. **Ambulatory Visits** database, containing data from the National Ambulatory Care Reporting System (NACRS).
 - We extracted ambulatory visit data for fiscal years 2014/2015 and 2015/2016, restricted to Ontarian patients ([Patient Province] includes ‘ONTARIO’), and emergency visits ([AM Case Type] includes ‘EMERGENCY’).

⁸ Ontario Injury Prevention Resource Centre (2012). *Ontario Injury Data Report*. SMARTRISK: Toronto, ON.

- With the above restrictions, two extractions were performed:
 - The first was for cause of injury; we extracted all ICD10 codes from the category *XX External causes of morbidity and mortality* ([All Dx Code] starts with V **OR** [All Dx Code] starts with W **OR** [All Dx Code] starts with X **OR** [All Dx Code] starts with Y).
 - The second extraction was for injury site on the body; we extracted all ICD10 codes beginning with S from *XIX Injury, poisoning and certain other consequences of external causes* ([All Dx Code] starts with S).
- 3. **Inpatient Discharges** database, containing data from Discharge Abstract Database Metadata (DAD).
 - We extracted inpatient discharge data for fiscal years 2014/2015 and 2015/2016, restricted to Ontarian patients ([Patient Province] includes 'ONTARIO'), and patients who were discharged from hospital and not transferred to another hospital ([Transfer To Institute Type] excludes 'ACUTE CARE FACILITY').
 - With the above restrictions, two extractions were performed:
 - The first was for cause of injury; we extracted all ICD10 codes from the category *XX External causes of morbidity and mortality* ([All Dx Code] starts with V **OR** [All Dx Code] starts with W **OR** [All Dx Code] starts with X **OR** [All Dx Code] starts with Y).
 - The second extraction was for injury site on the body; we extracted all ICD10 codes beginning with S from *XIX Injury, poisoning and certain other consequences of external causes* ([All Dx Code] starts with S).
- 4. **Vital Stats Death** database, containing data from the Vital Statistics – Death Database.
 - We extracted death data for calendar years 2008-2012, restricted to Ontarian residents (# Dths (ON res)), and ICD10 codes from the category *XX External causes of morbidity and mortality* plus LC-58 (ICD10 Code (3 char) Primary Cause starts with V **OR** ICD10 Code (3 char) Primary Cause starts with W **OR** ICD10 Code (3 char) Primary Cause starts with X **OR** ICD10 Code (3 char) Primary Cause starts with V **OR** [Lead Cause Group (Becker)] includes (('58)FALLS))

ICD10 codes used

Table and Category	ICD10 Codes
Tables 1 to 3 – Injuries	
Drowning	W65-W74, V90, V92
Animate object	W50-W64, X20-X29
Inanimate object	W20, W22-W49, W85-W99, X33
Falls	W00-W19 (LC-58 was used for death)
Off-road vehicle	V81, V86, V90-V94, V95.0-V95.3, V95.8-V97
On-road vehicle	V20-V79, V83-V85.9, V87-V89.9
Pedal cyclist	V10-V19
Pedestrian	V01-V06, V09
Playground	W09
Poisoning	X40-X49
Scalding/burning	W92, X00-X19, X30, X32
Sports/recreation	W02, W16, W21, X50, X51
Suffocation	W75-W84
Interpersonal (intentional)	X85-Y09
Self-harm (intentional)	X60-X84

Tables 4 to 6 – Falls (by specific cause)

Fall on the same level from slipping, tripping and stumbling	W01
Fall on same level involving ice and snow	W00
Fall involving playground equipment	W09
Fall on and from stairs and steps	W10
Fall involving bed	W06

Table and Category	ICD10 Codes
Fall involving chair	W07
Fall involving other furniture	W08
Fall from tree	W14
Fall from, out of or through building or structure	W13
Fall involving ice skates, skis, roller-skates or skateboards	W02
Fall while being carried or supported by other persons	W04
Other Fall:	
Other fall on same level due to collision with, or pushing by, another person	W03
Fall involving wheelchair	W05
Fall on and from ladder	W11
Fall on and from scaffolding	W12
Fall from cliff	W15
Diving or jumping into water causing injury other than drowning or submersion	W16
Other fall from one level to another	W17
Other fall on same level	W18
Unspecified fall	W19

Tables 7 & 8 – Falls (by location of injury)

Head	S00-S09
Neck	S10-S19
Thorax	S20-S29
Abdomen, lower back, lumbar spine and pelvis	S30-S39
Shoulder and upper arm	S40-S49
Elbow and forearm	S50-S59
Wrist and hand	S60-S69
Hip and thigh	S70-S79
Knee and lower leg	S80-S89
Ankle and foot	S90-S99

Table and Category	ICD10 Codes
Tables 9 to 11 – Motor Vehicle Collisions (On-Road)	
Motorcycle	V20-V29
Car	V40-V49
Pickup truck/van	V50-V59
Heavy transport	V60-V69
Bus	V70-V79
Motor vehicle collision on road other	V30-V39, V83-V85, V87-V89
Tables 12 to 14 – Motor Vehicle Collisions (Off-Road)	
Rail	V81
ATV	V86
Water	V90-V94
Air/space	V95-V97
Tables 15 to 17 – Sports and Recreation	
Fall involving ice-skates, skis, roller-skates or skateboard	W02
Diving or jumping into water causing injury other than drowning or submersion	W16
Striking against or struck by sports equipment	W21
Over exertion	X50
Travel and motion	X51
Tables 18 to 20 – Intentional injury (Interpersonal)	
Firearm	X93-X95
Sharp or blunt object	X99, Y00
Bodily force (unarmed)	Y04
Sexual assault by bodily force	Y05
Drugs medicaments	X85

Table and Category	ICD10 Codes
Hanging, strangulation, and suffocation	X91
Other:	
Assault by corrosive substance	X86
Assault by pesticides	X87
Assault by gases and vapours	X88
Assault by other specified chemicals and noxious substances	X89
Assault by unspecified chemical or noxious substances	X90
Assault by drowning and submersion	X92
Assault by explosive material	X96
Assault by smoke, fire and flames	X97
Assault by steam, hot vapours and hot objects	X98
Assault by pushing from high places	Y01
Assault by pushing or placing victim before moving object	Y02
Assault by crashing of motor vehicle	Y03
Neglect and abandonment	Y06
Other maltreatment	Y07
Assault by other specified means	Y08
Assault by unspecified means	Y09

Tables 20 to 23 – Intentional injury (Self-Harm)

Poisoning	X60-X69
Firearm	X72-X74
Hanging, strangulation, and suffocation	X70
Sharp or blunt object	X78, X79
Jumping or lying before moving object	X80, X81
Other:	
By drowning and submersion	X71
By explosive material	X75
By smoke, fire and flames	X76
By steam, hot vapours and hot objects	X77
By crashing of motor vehicle	X82
By other specified means	X83
By other unspecified means	X84

Determining injury counts

Each ER or hospital visit is indicated by a unique NACRS or DAD Key and linked to one or more ICD10 codes. Multiple ICD10 codes linked to the same visit were not double counted within categories. For example, in Table 1, a visit that had both ICD10 codes W01 and W17 was counted as a single fall injury; however, this visit would count as both a “Fall on the same level from slipping tripping and stumbling” (W01) and a “Other / unspecified Fall” (W17) in Table 3. This double counting was not a consideration with deaths, because each death was linked to only one ICD10 code as the primary cause.

Please note that certain ICD10 codes were counted in two injury categories:

- **V90** (Accident to watercraft causing drowning and submersion) and **V92** (Water-transport-related drowning and submersion without accident to watercraft) were counted as both drowning and off-road vehicle injuries.
- **W02** (Fall involving ice-skates, skis, roller-skates or skateboards) and **W16** (Diving or jumping into water causing injury other than drowning or submersion) were counted as both fall and Sports / recreation injuries.
- **W09** (Fall involving playground equipment) was counted as both a fall and playground injury.
- **W92** (Exposure to excessive heat of man-made origin) was counted as both inanimate object and Scalding / burning injuries.

In these cases, column totals (i.e., total injuries by age group) were calculated so as not to double-count these instances.

Determining rates

Population estimates are only available by calendar year. Calendar years 2014 and 2015 were used to calculate rates for fiscal years 2014/2015 and 2015/2016, respectively.

Annual rates per 100,000 people were obtained by dividing injury counts by the total population and multiplying by 100,000. The following formula was used:

$$\frac{\text{[Total number of ER Visits / Hospitalizations / deaths in an age group over the reported period]}}{\text{[Total population in that age group over the reported period]}} \times 100,000$$

Results

Data years reported

The data presented in the report were extracted from the most recent years of ER visits, hospitalizations, deaths, and population estimates available from the IntelliHEALTH at the time of extraction (August 2017).

ER visits and hospitalizations: All data for ER visits and hospitalizations cover two fiscal years, 2014/2015 and 2015/2016. Therefore, they include all cases from the period of April 1, 2014 to March 31, 2016.

Deaths: All data for deaths cover five calendar years, from 2008 to 2012. Therefore, they include all cases from the period of January 1, 2008 to December 31, 2012.

Reading the tables

Both counts and rates are presented. All rates are rounded to one decimal place. Any rates below 0.05 are reported as "<0.1".

Please note that when tables contain blanks, this indicates that there were no injuries for this category.

To comply with IntelliHEALTH release guidelines (see [IntelliHEALTH User Agreement](#)), in instances where injury counts were less than five have been suppressed in order to avoid disclosure and thus comply with IntelliHEALTH release guidelines. Further, these injury counts do not contribute to the column, row, or overall totals when residual disclosure is possible. Any rates associated with these suppressed counts are represented by "/".

Table 1
INJURIES: Emergency Room Visits by Cause and Age Group

Number and Age-Specific Annual Rate per 100,000 (FY 2014 AND 2015)

INJURY	AGE GROUP														TOTAL
	00-04	05-09	10-14	15-19	20-24	25-34	35-44	45-54	55-59	60-64	65-69	70-74	75-79	80+	
Drowning	217	91	83	102	96	138	91	91	38	34	27	18	14	27	1,067
	15.2	6.2	5.6	6.0	4.9	3.7	2.5	2.2	1.9	2.1	1.9	1.8	1.8	2.3	3.9
Animate	17,195	17,358	28,014	30,210	17,695	26,293	19,346	20,927	9,607	7,760	6,572	4,673	3,313	3,926	212,889
	1203.2	1175.4	1894.5	1768.8	903.9	706.7	534.8	505.9	492.5	471.4	465.5	461.7	431.2	339.7	775.0
Inanimate	46,167	39,474	43,639	61,567	71,548	115,861	91,822	94,707	40,924	29,768	21,790	14,325	10,341	16,949	698,882
	3230.5	2673.0	2951.2	3604.8	3654.8	3114.0	2538.2	2289.6	2097.8	1808.3	1543.3	1415.2	1346.0	1466.6	2544.2
Fall	77,380	61,200	65,521	44,915	38,366	63,052	61,309	85,716	49,808	44,998	43,783	39,442	41,643	132,870	850,003
	5414.6	4144.1	4431.1	2629.8	1959.8	1694.6	1694.7	2072.3	2553.2	2733.5	3101.0	3896.7	5420.2	11497.6	3094.3
Off road	145	557	1,772	2,889	2,385	3,264	2,217	2,096	713	434	325	229	137	122	17,285
	10.1	37.7	119.8	169.2	121.8	87.7	61.3	50.7	36.5	26.4	23.0	22.6	17.8	10.6	62.9
On-road	1,615	2,191	2,817	11,228	16,023	25,159	20,066	20,994	8,564	6,253	4,952	3,470	2,602	3,793	129,727
	113.0	148.4	190.5	657.4	818.5	676.2	554.7	507.6	439.0	379.9	350.7	342.8	338.7	328.2	472.3
Pedal cyclist	1,165	4,985	7,504	5,944	4,333	6,317	4,846	5,689	2,412	1,616	1,078	673	341	324	47,227
	81.5	337.6	507.5	348.0	221.3	169.8	134.0	137.5	123.6	98.2	76.4	66.5	44.4	28.0	171.9
Pedestrian	259	374	655	1,665	1,672	2,197	1,548	1,842	879	690	625	508	426	566	13,906
	18.1	25.3	44.3	97.5	85.4	59.0	42.8	44.5	45.1	41.9	44.3	50.2	55.4	49.0	50.6
Playground	4,934	11,325	4,114	811	350	341	291	110	35	18	13	7	10	9	22,368
	345.2	766.9	278.2	47.5	17.9	9.2	8.0	2.7	1.8	1.1	0.9	0.7	1.3	0.8	81.4
Poisoning	6,129	1,264	1,017	3,319	4,305	6,657	5,128	5,490	2,290	1,911	1,483	1,173	890	1,659	42,715
	428.9	85.6	68.8	194.3	219.9	178.9	141.8	132.7	117.4	116.1	105.0	115.9	115.8	143.6	155.5
Scald/ burn	4,540	1,237	1,151	3,096	3,933	5,727	4,589	4,664	2,039	1,519	1,069	762	576	801	35,703
	317.7	83.8	77.8	181.3	200.9	153.9	126.9	112.8	104.5	92.3	75.7	75.3	75.0	69.3	130.0
Sports	7,326	16,896	52,210	43,548	31,088	49,606	40,107	36,190	14,061	9,288	6,627	4,239	2,923	4,020	318,129
	512.6	1144.1	3530.9	2549.8	1588.0	1333.2	1108.7	874.9	720.8	564.2	469.4	418.8	380.5	347.9	1158.1
Suffocation	378	106	66	93	109	184	210	296	199	184	212	246	282	1,044	3,609
	26.5	7.2	4.5	5.4	5.6	4.9	5.8	7.2	10.2	11.2	15.0	24.3	36.7	90.3	13.1
Interpersonal	328	494	1,795	8,991	12,862	16,220	9,430	7,466	2,221	1,144	618	319	208	402	62,498
	23.0	33.5	121.4	526.4	657.0	435.9	260.7	180.5	113.9	69.5	43.8	31.5	27.1	34.8	227.5
Self-harm	51	24	2,094	8,052	4,729	5,455	4,083	3,996	1,403	826	514	294	193	285	31,999
	3.6	1.6	141.6	471.4	241.6	146.6	112.9	96.6	71.9	50.2	36.4	29.0	25.1	24.7	116.5
TOTAL	162,181	141,196	194,878	216,302	204,007	321,187	260,972	286,914	133,911	105,567	89,020	70,067	63,724	166,606	2,416,532
	11348.4	9561.0	13179.2	12664.6	10421.1	8632.5	7213.9	6936.5	6864.4	6412.9	6305.0	6922.3	8294.2	14416.9	8797.1

Note: row and column totals do not add up to the grand total because some injuries were counted in two row categories (based on single ICD10 code linked to visit).

Table 2

INJURIES: Hospital Visits by Cause and Age Group

Number and Age-Specific Annual Rate per 100,000 (FY 2014 AND 2015)

INJURY	AGE GROUP														TOTAL
	00-04	05-09	10-14	15-19	20-24	25-34	35-44	45-54	55-59	60-64	65-69	70-74	75-79	80+	
Drowning	44	20	11	15	5	9	8	11	10	5	10	7	<5	11	166
	3.1	1.4	0.7	0.9	0.3	0.2	0.2	0.3	0.5	0.3	0.7	0.7	/	1.0	0.6
Animate	196	156	264	324	167	259	227	250	125	101	104	73	62	198	2,506
	13.7	10.6	17.9	19.0	8.5	7.0	6.3	6.0	6.4	6.1	7.4	7.2	8.1	17.1	9.1
Inanimate	630	352	350	485	523	1,095	892	1,216	613	562	499	460	485	1,304	9,466
	44.1	23.8	23.7	28.4	26.7	29.4	24.7	29.4	31.4	34.1	35.3	45.4	63.1	112.8	34.5
Fall	1,528	1,799	1,170	771	851	1,862	2,445	4,891	4,018	4,873	5,935	6,921	9,030	39,779	85,873
	106.9	121.8	79.1	45.1	43.5	50.0	67.6	118.2	206.0	296.0	420.4	683.8	1175.3	3442.2	312.6
Off road	10	46	123	174	171	269	210	210	78	74	48	39	18	25	1,495
	0.7	3.1	8.3	10.2	8.7	7.2	5.8	5.1	4.0	4.5	3.4	3.9	2.3	2.2	5.4
On-road	64	71	116	517	664	1,025	850	1,089	570	490	432	403	361	741	7,393
	4.5	4.8	7.8	30.3	33.9	27.5	23.5	26.3	29.2	29.8	30.6	39.8	47.0	64.1	26.9
Pedal cyclist	34	170	218	171	118	260	278	438	219	174	121	83	64	66	2,414
	2.4	11.5	14.7	10.0	6.0	7.0	7.7	10.6	11.2	10.6	8.6	8.2	8.3	5.7	8.8
Pedestrian	25	58	55	131	106	228	164	255	156	115	123	114	117	189	1,836
	1.7	3.9	3.7	7.7	5.4	6.1	4.5	6.2	8.0	7.0	8.7	11.3	15.2	16.4	6.7
Playground	243	804	188	23	10	20	21	11	<5	<5	<5	<5	<5	<5	1,331
	17.0	54.4	12.7	1.3	0.5	0.5	0.6	0.3	/	/	/	/	/	/	4.8
Poisoning	367	71	84	331	392	774	685	1,095	544	508	502	420	339	682	6,794
	25.7	4.8	5.7	19.4	20.0	20.8	18.9	26.5	27.9	30.9	35.6	41.5	44.1	59.0	24.7
Scald/ burn	321	48	46	69	76	135	152	207	122	91	74	79	75	146	1,641
	22.5	3.3	3.1	4.0	3.9	3.6	4.2	5.0	6.3	5.5	5.2	7.8	9.8	12.6	6.0
Sports	41	132	458	466	351	575	547	579	251	210	219	176	151	410	4,566
	2.9	8.9	31.0	27.3	17.9	15.5	15.1	14.0	12.9	12.8	15.5	17.4	19.7	35.5	16.6
Suffocation	172	34	31	49	69	135	209	454	384	462	525	693	900	3,703	7,820
	12.0	2.3	2.1	2.9	3.5	3.6	5.8	11.0	19.7	28.1	37.2	68.5	117.1	320.4	28.5
Interpersonal	92	16	94	376	601	872	509	442	176	86	76	47	39	107	3,533
	6.4	1.1	6.4	22.0	30.7	23.4	14.1	10.7	9.0	5.2	5.4	4.6	5.1	9.3	12.9
Self-harm	<5	<5	586	2,009	964	1,474	1,379	1,633	600	384	262	170	135	225	9,827
	/	/	39.6	117.6	49.2	39.6	38.1	39.5	30.8	23.3	18.6	16.8	17.6	19.5	35.8
TOTAL	3,505	2,869	3,302	5,659	4,917	8,811	8,374	12,588	7,786	8,079	8,859	9,647	11,755	47,551	143,702
	245.3	194.3	223.3	331.3	251.2	236.8	231.5	304.3	399.1	490.8	627.5	953.1	1530.0	4114.7	523.1

Note: Row and column totals do not add up to the grand total because some injuries were counted in two row categories (based on single ICD10 code linked to visit) and some data points were excluded due to issues of disclosure.

Table 3
INJURIES: Deaths by Cause and Age Group

Number and Age-Specific Annual Rate per 100,000 (CY 2008-2012)

INJURY	AGE GROUP														TOTAL
	00-04	05-09	10-14	15-19	20-24	25-34	35-44	45-54	55-59	60-64	65-69	70-74	75-79	80+	
Drowning	41	17	15	40	52	71	65	84	41	34	30	24	24	52	590
	1.2	0.5	0.4	0.9	1.1	0.8	0.7	0.8	1.0	0.9	1.1	1.1	1.4	2.1	0.9
Animate	<5	<5	0	<5	0	<5	<5	<5	<5	5	5	0	0	<5	27
	/	/	0.0	/	0.0	/	/	/	/	0.1	0.2	0.0	0.0	/	<0.1
Inanimate	12	<5	9	17	14	53	40	52	28	28	22	22	21	49	367
	0.3	/	0.2	0.4	0.3	0.6	0.4	0.5	0.7	0.8	0.8	1.0	1.2	1.9	0.6
Fall	8	0	<5	22	36	45	87	265	201	231	329	514	959	7,395	10,092
	0.2	0.0	/	0.5	0.8	0.5	0.9	2.5	4.7	6.3	11.9	23.8	54.2	294.3	15.4
Off road	<5	<5	10	40	47	51	67	76	27	17	8	12	10	11	380
	/	/	0.3	0.9	1.0	0.6	0.7	0.7	0.6	0.5	0.3	0.6	0.6	0.4	0.6
On-road	16	11	18	244	293	340	262	340	156	124	108	114	127	255	2,408
	0.5	0.3	0.5	5.5	6.5	3.9	2.8	3.3	3.7	3.4	3.9	5.3	7.2	10.1	3.7
Pedal cyclist	0	<5	6	11	15	17	13	24	13	12	5	<5	8	10	139
	0.0	/	0.2	0.2	0.3	0.2	0.1	0.2	0.3	0.3	0.2	/	0.5	0.4	0.2
Pedestrian	12	5	6	68	46	68	55	86	44	36	38	29	51	116	660
	0.3	0.1	0.2	1.5	1.0	0.8	0.6	0.8	1.0	1.0	1.4	1.3	2.9	4.6	1.0
Playground	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Poisoning	<5	0	6	74	181	563	761	998	270	150	62	54	52	98	3,269
	/	0.0	0.2	1.7	4.0	6.5	8.1	9.6	6.3	4.1	2.2	2.5	2.9	3.9	5.0
Scald/burn	19	6	<5	13	14	16	37	63	29	21	23	30	31	88	390
	0.5	0.2	/	0.3	0.3	0.2	0.4	0.6	0.7	0.6	0.8	1.4	1.8	3.5	0.6
Sports	0	<5	<5	<5	<5	<5	<5	6	0	<5	0	<5	<5	<5	23
	0.0	/	/	/	/	/	/	0.1	0.0	/	0.0	/	/	/	<0.1
Suffocation	26	<5	5	<5	10	16	32	61	40	44	49	59	99	398	845
	0.7	/	0.1	/	0.2	0.2	0.3	0.6	0.9	1.2	1.8	2.7	5.6	15.8	1.3
Interpersonal	28	<5	8	98	136	186	116	108	48	28	11	12	10	25	814
	0.8	/	0.2	2.2	3.0	2.1	1.2	1.0	1.1	0.8	0.4	0.6	0.6	1.0	1.2
Self-harm	0	0	43	282	420	758	1,064	1,426	572	386	234	194	170	239	5,788
	0.0	0.0	1.1	6.3	9.3	8.7	11.4	13.7	13.4	10.5	8.5	9.0	9.6	9.5	8.8
TOTAL	165	52	128	905	1,250	2,162	2,584	3,572	1,462	1,109	921	1,065	1,559	8,740	25,674
	4.6	1.4	3.3	20.3	27.6	24.8	27.6	34.3	34.3	30.2	33.3	49.4	88.2	347.8	39.1

Note: Row and column totals do not add up to the grand total because some injuries were counted in two row categories (based on single ICD10 code linked to visit) and some data points were excluded due to issues of disclosure.

Table 4

FALLS: Emergency Room Visits by Cause and Age Group

Number and Age-Specific Annual Rate per 100,000 (FY 2014 AND 2015)

INJURY	AGE GROUP														TOTAL
	00-04	05-09	10-14	15-19	20-24	25-34	35-44	45-54	55-59	60-64	65-69	70-74	75-79	80+	
Slip/trip on same level (general)	13,269	12,797	15,086	9,890	9,347	16,582	16,622	25,322	15,618	14,696	14,186	13,081	13,753	39,788	230,037
	928.5	866.5	1020.2	579.1	477.5	445.7	459.5	612.2	800.6	892.7	1004.7	1292.3	1790.1	3443.0	837.4
Slip/trip on same level (ice/snow)	308	1,682	2,852	1,871	2,110	4,197	4,804	7,081	4,221	3,492	2,888	2,273	1,840	2,324	41,943
	21.6	113.9	192.9	109.5	107.8	112.8	132.8	171.2	216.4	212.1	204.5	224.6	239.5	201.1	152.7
Fall from playground equipment	4,934	11,325	4,114	811	350	341	291	110	35	18	13	7	10	9	22,368
	345.2	766.9	278.2	47.5	17.9	9.2	8.0	2.7	1.8	1.1	0.9	0.7	1.3	0.8	81.4
Stairs/steps	8,894	3,164	3,582	5,444	6,248	11,769	11,622	14,410	7,500	6,443	6,063	5,133	4,632	8,910	103,814
	622.3	214.2	242.2	318.7	319.2	316.3	321.3	348.4	384.5	391.4	429.4	507.1	602.9	771.0	377.9
Bed	8,738	2,043	544	349	331	527	461	793	623	721	957	1,161	1,518	7,110	25,876
	611.4	138.3	36.8	20.4	16.9	14.2	12.7	19.2	31.9	43.8	67.8	114.7	197.6	615.2	94.2
Chair	5,350	1,199	434	260	198	445	575	1,039	639	694	657	704	828	3,122	16,144
	374.4	81.2	29.4	15.2	10.1	12.0	15.9	25.1	32.8	42.2	46.5	69.6	107.8	270.2	58.8
Other furniture	6,268	1,159	231	149	127	218	252	340	214	223	243	215	241	704	10,584
	438.6	78.5	15.6	8.7	6.5	5.9	7.0	8.2	11.0	13.5	17.2	21.2	31.4	60.9	38.5
Fall from tree	73	617	432	157	115	162	118	120	68	52	57	32	22	13	2,038
	5.1	41.8	29.2	9.2	5.9	4.4	3.3	2.9	3.5	3.2	4.0	3.2	2.9	1.1	7.4
From building or structure	216	203	180	301	475	688	544	669	272	228	166	97	68	70	4,177
	15.1	13.7	12.2	17.6	24.3	18.5	15.0	16.2	13.9	13.9	11.8	9.6	8.9	6.1	15.2
Involving skates, skis, sport boards, rollerblades	629	4,776	13,080	8,915	4,818	4,551	3,549	2,996	1,182	804	607	286	152	162	46,507
	44.0	323.4	884.6	522.0	246.1	122.3	98.1	72.4	60.6	48.8	43.0	28.3	19.8	14.0	169.3
Fall while being carried or supported by other persons	2,277	185	159	165	123	76	24	28	12	13	10	14	6	85	3,177
	159.3	12.5	10.8	9.7	6.3	2.0	0.7	0.7	0.6	0.8	0.7	1.4	0.8	7.4	11.6
Other/unspecified	26,638	22,124	24,886	16,659	14,173	23,575	22,539	32,910	19,489	17,687	17,994	16,494	18,631	70,771	344,570
	1864.0	1498.1	1683.0	975.4	724.0	633.6	623.0	795.6	999.0	1074.4	1274.5	1629.5	2425.0	6124.0	1254.4
TOTAL	77,594	61,274	65,580	44,971	38,415	63,131	61,401	85,818	49,873	45,071	43,841	39,497	41,701	133,068	851,235
	5429.5	4149.1	4435.1	2633.1	1962.3	1696.8	1697.3	2074.7	2556.5	2737.9	3105.1	3902.1	5427.8	11514.8	3098.8

Note: Row and column totals do not add up to the grand total when data points had to be excluded due to issues of disclosure. The grand total is higher than in Table 1 because some fall injuries had more than one cause, based on multiple ICD-10 codes linked to a single visit.

Table 5

FALLS: Hospital Visits by Cause and Age Group

Number and Age-Specific Annual Rate per 100,000 (FY 2014 AND 2015)

INJURY	AGE GROUP														TOTAL
	00-04	05-09	10-14	15-19	20-24	25-34	35-44	45-54	55-59	60-64	65-69	70-74	75-79	80+	
Slip/trip on same level (general)	157	212	242	111	132	326	424	1,050	977	1,258	1,632	1,951	2,599	11,356	22,427
	11.0	14.4	16.4	6.5	6.7	8.8	11.7	25.4	50.1	76.4	115.6	192.7	338.3	982.7	81.6
Slip/trip on same level (ice/snow)	<5	15	34	31	47	146	243	380	279	316	276	282	256	517	2,822
	/	1.0	2.3	1.8	2.4	3.9	6.7	9.2	14.3	19.2	19.5	27.9	33.3	44.7	10.3
Fall from playground equipment	243	804	188	23	10	20	21	11	<5	<5	<5	<5	<5	<5	1,331
	17.0	54.4	12.7	1.3	0.5	0.5	0.6	0.3	/	/	/	/	/	/	4.8
Stairs/steps	160	65	37	59	97	267	420	777	603	653	780	811	935	2,423	8,087
	11.2	4.4	2.5	3.5	5.0	7.2	11.6	18.8	30.9	39.7	55.2	80.1	121.7	209.7	29.4
Bed	195	44	9	6	10	17	32	76	75	125	197	235	351	2,003	3,375
	13.6	3.0	0.6	0.4	0.5	0.5	0.9	1.8	3.8	7.6	14.0	23.2	45.7	173.3	12.3
Chair	93	22	5	<5	<5	13	20	45	44	68	96	116	168	800	1,497
	6.5	1.5	0.3	/	/	0.3	0.6	1.1	2.3	4.1	6.8	11.5	21.9	69.2	5.4
Other furniture	155	39	<5	<5	<5	6	8	16	15	18	34	30	38	178	544
	10.8	2.6	/	/	/	0.2	0.2	0.4	0.8	1.1	2.4	3.0	4.9	15.4	2.0
Fall from tree	<5	37	23	11	12	23	23	21	17	15	16	7	9	<5	222
	/	2.5	1.6	0.6	0.6	0.6	0.6	0.5	0.9	0.9	1.1	0.7	1.2	/	0.8
From building or structure	38	22	15	38	76	137	113	138	50	47	40	20	18	17	769
	2.7	1.5	1.0	2.2	3.9	3.7	3.1	3.3	2.6	2.9	2.8	2.0	2.3	1.5	2.8
Involving skates, skis, sport boards, rollerblades	23	102	295	213	128	142	165	167	72	53	67	36	22	33	1,518
	1.6	6.9	20.0	12.5	6.5	3.8	4.6	4.0	3.7	3.2	4.7	3.6	2.9	2.9	5.5
Fall while being carried or supported by other persons	132	6	8	<5	<5	<5	0	0	<5	<5	<5	<5	6	17	183
	9.2	0.4	0.5	/	/	/	0.0	0.0	/	/	/	/	0.8	1.5	0.7
Other/unspecified	354	442	315	276	335	769	982	2,222	1,898	2,331	2,812	3,455	4,660	22,611	43,462
	24.8	29.9	21.3	16.2	17.1	20.7	27.1	53.7	97.3	141.6	199.2	341.3	606.5	1956.6	158.2
TOTAL	1,558	1,810	1,171	776	853	1,866	2,451	4,903	4,034	4,884	5,954	6,947	9,062	39,963	86,241
	109.0	122.6	79.2	45.4	43.6	50.2	67.8	118.5	206.8	296.7	421.7	686.3	1179.5	3458.1	313.9

Note: Row and column totals do not add up to the grand total when data points had to be excluded due to issues of disclosure. The grand total is higher than in Table 2 because some fall injuries had more than one cause, based on multiple ICD-10 codes linked to a single visit.

Table 6
FALLS: Deaths by Cause and Age Group

Number and Age-Specific Annual Rate per 100,000 (CY 2008-2012)

INJURY	AGE GROUP														TOTAL
	00-04	05-09	10-14	15-19	20-24	25-34	35-44	45-54	55-59	60-64	65-69	70-74	75-79	80+	
Slip/trip on same level (general)	157	212	242	111	132	326	424	1,050	977	1,258	1,632	1,951	2,599	11,356	22,427
	11.0	14.4	16.4	6.5	6.7	8.8	11.7	25.4	50.1	76.4	115.6	192.7	338.3	982.7	81.6
Slip/trip on same level (ice/snow)	<5	15	34	31	47	146	243	380	279	316	276	282	256	517	2,822
	/	1.0	2.3	1.8	2.4	3.9	6.7	9.2	14.3	19.2	19.5	27.9	33.3	44.7	10.3
Fall from playground equipment	243	804	188	23	10	20	21	11	<5	<5	<5	<5	<5	<5	1,331
	17.0	54.4	12.7	1.3	0.5	0.5	0.6	0.3	/	/	/	/	/	/	4.8
Stairs/steps	160	65	37	59	97	267	420	777	603	653	780	811	935	2,423	8,087
	11.2	4.4	2.5	3.5	5.0	7.2	11.6	18.8	30.9	39.7	55.2	80.1	121.7	209.7	29.4
Bed	195	44	9	6	10	17	32	76	75	125	197	235	351	2,003	3,375
	13.6	3.0	0.6	0.4	0.5	0.5	0.9	1.8	3.8	7.6	14.0	23.2	45.7	173.3	12.3
Chair	93	22	5	<5	<5	13	20	45	44	68	96	116	168	800	1,497
	6.5	1.5	0.3	/	/	0.3	0.6	1.1	2.3	4.1	6.8	11.5	21.9	69.2	5.4
Other furniture	155	39	<5	<5	<5	6	8	16	15	18	34	30	38	178	544
	10.8	2.6	/	/	/	0.2	0.2	0.4	0.8	1.1	2.4	3.0	4.9	15.4	2.0
Fall from tree	<5	37	23	11	12	23	23	21	17	15	16	7	9	<5	222
	/	2.5	1.6	0.6	0.6	0.6	0.6	0.5	0.9	0.9	1.1	0.7	1.2	/	0.8
From building or structure	38	22	15	38	76	137	113	138	50	47	40	20	18	17	769
	2.7	1.5	1.0	2.2	3.9	3.7	3.1	3.3	2.6	2.9	2.8	2.0	2.3	1.5	2.8
Involving skates, skis, sport boards, rollerblades	23	102	295	213	128	142	165	167	72	53	67	36	22	33	1,518
	1.6	6.9	20.0	12.5	6.5	3.8	4.6	4.0	3.7	3.2	4.7	3.6	2.9	2.9	5.5
Fall while being carried or supported by other persons	132	6	8	<5	<5	<5	0	0	<5	<5	<5	<5	6	17	183
	9.2	0.4	0.5	/	/	/	0.0	0.0	/	/	/	/	0.8	1.5	0.7
Other/unspecified	354	442	315	276	335	769	982	2,222	1,898	2,331	2,812	3,455	4,660	22,611	43,462
	24.8	29.9	21.3	16.2	17.1	20.7	27.1	53.7	97.3	141.6	199.2	341.3	606.5	1956.6	158.2
TOTAL	1,558	1,810	1,171	776	853	1,866	2,451	4,903	4,034	4,884	5,954	6,947	9,062	39,963	86,241
	109.0	122.6	79.2	45.4	43.6	50.2	67.8	118.5	206.8	296.7	421.7	686.3	1179.5	3458.1	313.9

Note: Row and column totals do not add up to the grand total when data points had to be excluded due to issues of disclosure.

Table 7

FALLS: Emergency Room Visits by Location of Injury and Age Group

Number and Age-Specific Annual Rate per 100,000 (FY 2014 AND 2015)

INJURY	AGE GROUP														TOTAL
	00-04	05-09	10-14	15-19	20-24	25-34	35-44	45-54	55-59	60-64	65-69	70-74	75-79	80+	
Head	54,037	22,130	11,674	9,628	8,061	10,968	10,267	15,543	9,662	9,466	10,336	10,659	12,462	43,142	238,035
	3781.2	1498.5	789.5	563.7	411.8	294.8	283.8	375.8	495.3	575.0	732.1	1053.1	1622.0	3733.2	866.5
Neck	350	586	852	730	614	1,113	1,069	1,381	802	677	645	586	652	1,952	12,009
	24.5	39.7	57.6	42.7	31.4	29.9	29.5	33.4	41.1	41.1	45.7	57.9	84.9	168.9	43.7
Thorax	212	714	891	881	1,258	3,224	4,260	8,068	4,837	4,420	4,348	3,749	4,156	11,381	52,399
	14.8	48.3	60.3	51.6	64.3	86.7	117.8	195.1	247.9	268.5	308.0	370.4	540.9	984.8	190.8
Abdomen, lower back, lumbar spine and pelvis	658	1,513	1,716	1,561	1,954	4,389	4,284	5,368	2,819	2,475	2,447	2,505	2,889	11,442	46,020
	46.0	102.5	116.0	91.4	99.8	118.0	118.4	129.8	144.5	150.3	173.3	247.5	376.0	990.1	167.5
Shoulder and upper arm	4,929	6,467	5,043	3,602	3,270	5,373	5,340	8,406	5,441	5,242	5,156	4,548	4,550	12,259	79,626
	344.9	437.9	341.0	210.9	167.0	144.4	147.6	203.2	278.9	318.4	365.2	449.3	592.2	1060.8	289.9
Elbow and forearm	7,013	13,521	14,262	5,332	3,523	5,894	6,028	9,205	6,080	5,562	5,218	4,284	4,053	11,970	101,945
	490.7	915.6	964.5	312.2	180.0	158.4	166.6	222.5	311.7	337.9	369.6	423.2	527.5	1035.8	371.1
Wrist and hand	1,871	5,688	12,958	7,982	6,114	9,325	8,349	10,451	5,826	4,846	4,479	3,594	3,400	8,382	93,265
	130.9	385.2	876.3	467.3	312.3	250.6	230.8	252.7	298.6	294.4	317.2	355.1	442.5	725.3	339.5
Hip and thigh	775	607	914	668	595	1,149	1,401	2,913	2,150	2,471	3,018	3,531	4,979	23,998	49,169
	54.2	41.1	61.8	39.1	30.4	30.9	38.7	70.4	110.2	150.1	213.8	348.8	648.1	2076.6	179.0
Knee and lower leg	3,447	4,867	8,938	6,296	5,462	9,549	10,352	15,072	8,455	7,403	6,457	5,387	4,763	11,546	107,994
	241.2	329.6	604.5	368.6	279.0	256.6	286.2	364.4	433.4	449.7	457.3	532.2	619.9	999.1	393.1
Ankle and foot	2,780	5,237	9,163	9,177	8,093	13,150	11,598	12,485	6,011	4,624	3,781	2,500	1,882	3,611	94,092
	194.5	354.6	619.7	537.3	413.4	353.4	320.6	301.8	308.1	280.9	267.8	247.0	245.0	312.5	342.5
Not specified	2,038	1,139	1,246	1,123	1,328	2,486	2,558	3,886	2,197	2,028	2,108	2,128	2,519	9,211	35,995
	142.6	77.1	84.3	65.8	67.8	66.8	70.7	93.9	112.6	123.2	149.3	210.2	327.9	797.1	131.0
TOTAL	78,110	62,469	67,657	46,980	40,272	66,620	65,506	92,778	54,280	49,214	47,993	43,471	46,305	148,894	910,549
	5465.6	4230.1	4575.5	2750.7	2057.2	1790.5	1810.7	2243.0	2782.4	2989.6	3399.2	4294.7	6027.0	12884.2	3314.7

Note: Row and column totals do not add up to the grand total when data points had to be excluded due to issues of disclosure. The grand total is higher than in Table 1 because some falls had more than one location of injury, based on multiple ICD-10 codes linked to a single visit.

Table 8

FALLS: Hospital Visits by Location of Injury and Age Group

Number and Age-Specific Annual Rate per 100,000 (FY 2014 AND 2015)

INJURY	AGE GROUP														TOTAL
	00-04	05-09	10-14	15-19	20-24	25-34	35-44	45-54	55-59	60-64	65-69	70-74	75-79	80+	
Head	695	194	167	153	175	362	454	952	723	840	1,100	1,321	1,845	7,255	16,236
	48.6	13.1	11.3	9.0	8.9	9.7	12.5	23.0	37.1	51.0	77.9	130.5	240.1	627.8	59.1
Neck	11	14	21	22	26	55	76	145	123	127	139	165	230	798	1,952
	0.8	0.9	1.4	1.3	1.3	1.5	2.1	3.5	6.3	7.7	9.8	16.3	29.9	69.1	7.1
Thorax	11	13	15	38	48	114	182	494	398	466	598	639	825	3,362	7,203
	0.8	0.9	1.0	2.2	2.5	3.1	5.0	11.9	20.4	28.3	42.4	63.1	107.4	290.9	26.2
Abdomen, lower back, lumbar spine and pelvis	28	50	58	85	114	159	185	398	334	392	553	716	1,104	5,872	10,048
	2.0	3.4	3.9	5.0	5.8	4.3	5.1	9.6	17.1	23.8	39.2	70.7	143.7	508.1	36.6
Shoulder and upper arm	471	1,004	201	81	74	137	218	485	496	592	704	748	830	3,210	9,251
	33.0	68.0	13.6	4.7	3.8	3.7	6.0	11.7	25.4	36.0	49.9	73.9	108.0	277.8	33.7
Elbow and forearm	107	486	333	119	100	204	297	517	419	442	467	483	482	2,031	6,487
	7.5	32.9	22.5	7.0	5.1	5.5	8.2	12.5	21.5	26.9	33.1	47.7	62.7	175.7	23.6
Wrist and hand	<5	11	13	17	36	57	69	103	64	91	115	143	140	651	1,510
	/	0.7	0.9	1.0	1.8	1.5	1.9	2.5	3.3	5.5	8.1	14.1	18.2	56.3	5.5
Hip and thigh	215	72	97	39	38	116	228	668	815	1,153	1,576	2,191	3,247	16,519	26,974
	15.0	4.9	6.6	2.3	1.9	3.1	6.3	16.1	41.8	70.0	111.6	216.5	422.6	1429.4	98.2
Knee and lower leg	20	48	300	263	297	751	969	1,516	985	1,060	1,048	970	905	2,654	11,786
	1.4	3.3	20.3	15.4	15.2	20.2	26.8	36.7	50.5	64.4	74.2	95.8	117.8	229.7	42.9
Ankle and foot	<5	5	23	46	69	155	177	264	148	189	167	155	152	541	2,091
	/	0.3	1.6	2.7	3.5	4.2	4.9	6.4	7.6	11.5	11.8	15.3	19.8	46.8	7.6
Not specified	31	20	28	15	22	54	67	166	137	231	313	348	459	2,002	3,893
	2.2	1.4	1.9	0.9	1.1	1.5	1.9	4.0	7.0	14.0	22.2	34.4	59.7	173.2	14.2
TOTAL	1,597	1,917	1,256	878	999	2,164	2,922	5,708	4,642	5,583	6,780	7,879	10,219	44,895	97,439
	111.7	129.8	84.9	51.4	51.0	58.2	80.8	138.0	238.0	339.2	480.2	778.4	1330.1	3884.9	354.7

Note: Row and column totals do not add up to the grand total when data points had to be excluded due to issues of disclosure. The grand total is higher than in Table 2 because some falls had more than one location of injury, based on multiple ICD-10 codes linked to a single visit.

Table 9
MOTOR VEHICLE COLLISIONS – ON-ROAD: Emergency Room Visits by Cause and Age Group

Number and Age-Specific Annual Rate per 100,000 (FY 2014 AND 2015)

INJURY	AGE GROUP														TOTAL
	00-04	05-09	10-14	15-19	20-24	25-34	35-44	45-54	55-59	60-64	65-69	70-74	75-79	80+	
Motorcycle	13	129	447	966	1,311	2,274	1,903	2,181	790	529	355	156	74	81	11,209
	0.9	8.7	30.2	56.6	67.0	61.1	52.6	52.7	40.5	32.1	25.1	15.4	9.6	7.0	40.8
Car	1,259	1,618	1,835	8,502	12,470	19,075	14,836	14,945	6,119	4,516	3,656	2,654	2,054	3,055	96,594
	88.1	109.6	124.1	497.8	637.0	512.7	410.1	361.3	313.7	274.3	258.9	262.2	267.3	264.4	351.6
Pickup truck/ van	103	117	111	534	597	1,004	939	1,107	462	296	230	164	108	138	5,910
	7.2	7.9	7.5	31.3	30.5	27.0	26.0	26.8	23.7	18.0	16.3	16.2	14.1	11.9	21.5
Heavy transport truck	<5	<5	11	20	95	327	324	470	199	128	56	21	13	12	1,682
	/	/	0.7	1.2	4.9	8.8	9.0	11.4	10.2	7.8	4.0	2.1	1.7	1.0	6.1
Bus	132	173	188	257	201	356	365	561	294	229	223	163	147	272	3,561
	9.2	11.7	12.7	15.0	10.3	9.6	10.1	13.6	15.1	13.9	15.8	16.1	19.1	23.5	13.0
Other	105	151	225	949	1,350	2,128	1,702	1,730	701	555	432	313	206	235	10,782
	7.3	10.2	15.2	55.6	69.0	57.2	47.0	41.8	35.9	33.7	30.6	30.9	26.8	20.3	39.3
TOTAL	1,612	2,188	2,817	11,228	16,024	25,164	20,069	20,994	8,565	6,253	4,952	3,471	2,602	3,793	129,738
	112.8	148.2	190.5	657.4	818.5	676.3	554.8	507.6	439.1	379.9	350.7	342.9	338.7	328.2	472.3

Note: Row and column totals do not add up to the grand total when data points had to be excluded due to issues of disclosure. The grand total is higher than in Table 1 because some on-road injuries fell into more than one category listed above, based on multiple ICD-10 codes linked to a single visit.

Table 10
MOTOR VEHICLE COLLISIONS – ON-ROAD: Hospital Visits by Cause and Age Group

Number and Age-Specific Annual Rate per 100,000 (FY 2014 AND 2015)

INJURY	AGE GROUP														TOTAL
	00-04	05-09	10-14	15-19	20-24	25-34	35-44	45-54	55-59	60-64	65-69	70-74	75-79	80+	
Motorcycle	0	7	34	88	160	276	257	376	172	118	80	47	14	21	1,650
	0.0	0.5	2.3	5.2	8.2	7.4	7.1	9.1	8.8	7.2	5.7	4.6	1.8	1.8	6.0
Car	57	52	72	360	451	626	465	548	314	285	284	282	287	609	4,692
	4.0	3.5	4.9	21.1	23.0	16.8	12.9	13.2	16.1	17.3	20.1	27.9	37.4	52.7	17.1
Pickup truck/ van	<5	6	<5	41	31	57	50	55	27	19	29	24	16	31	386
	/	0.4	/	2.4	1.6	1.5	1.4	1.3	1.4	1.2	2.1	2.4	2.1	2.7	1.4
Heavy transport truck	0	0	0	<5	5	14	26	33	16	19	7	<5	<5	<5	133
	0.0	0.0	0.0	/	0.3	0.4	0.7	0.8	0.8	1.2	0.5	/	/	/	0.5
Bus	<5	<5	<5	0	<5	<5	5	14	<5	9	12	14	13	32	108
	/	/	/	0.0	/	/	0.1	0.3	/	0.5	0.8	1.4	1.7	2.8	0.4
Other	<5	5	5	24	16	50	47	63	39	40	20	32	29	45	415
	/	0.3	0.3	1.4	0.8	1.3	1.3	1.5	2.0	2.4	1.4	3.2	3.8	3.9	1.5
TOTAL	64	70	116	513	663	1,023	850	1,089	568	490	432	399	359	738	7,394
	4.5	4.7	7.8	30.0	33.9	27.5	23.5	26.3	29.1	29.8	30.6	39.4	46.7	63.9	26.9

Note: Row and column totals do not add up to the grand total when data points had to be excluded due to issues of disclosure. The grand total is higher than in Table 2 because some on-road injuries fell into more than one category listed above, based on multiple ICD-10 codes linked to a single visit.

Table 11
MOTOR VEHICLE COLLISIONS – ON-ROAD: Deaths by Cause and Age Group

Number and Age-Specific Annual Rate per 100,000 (CY 2008-2012)

INJURY	AGE GROUP														TOTAL
	00-04	05-09	10-14	15-19	20-24	25-34	35-44	45-54	55-59	60-64	65-69	70-74	75-79	80+	
Motorcycle	0	0	<5	13	20	47	43	49	21	16	18	<5	<5	<5	237
	0.0	0.0	/	0.3	0.4	0.5	0.5	0.5	0.5	0.4	0.7	/	/	/	0.4
Car	9	<5	6	72	87	74	52	64	36	25	21	31	39	94	610
	0.3	/	0.2	1.6	1.9	0.8	0.6	0.6	0.8	0.7	0.8	1.4	2.2	3.7	0.9
Pickup truck/ van	<5	0	<5	25	14	25	12	23	15	7	<5	5	5	9	140
	/	0.0	/	0.6	0.3	0.3	0.1	0.2	0.4	0.2	/	0.2	0.3	0.4	0.2
Heavy transport truck	0	0	0	0	<5	<5	7	<5	<5	<5	<5	0	0	0	22
	0.0	0.0	0.0	0.0	/	/	0.1	/	/	/	/	0.0	0.0	0.0	<0.1
Bus	0	0	0	0	0	0	<5	<5	0	<5	<5	<5	<5	7	16
	0.0	0.0	0.0	0.0	0.0	0.0	/	/	0.0	/	/	/	/	0.3	<0.1
Other	6	9	7	134	169	190	147	200	83	72	64	74	77	144	1,376
	0.2	0.3	0.2	3.0	3.7	2.2	1.6	1.9	1.9	2.0	2.3	3.4	4.4	5.7	2.1
TOTAL	15	9	18	244	290	336	261	340	155	124	108	114	127	254	2,408
	0.4	0.3	0.5	5.5	6.4	3.9	2.8	3.3	3.6	3.4	3.9	5.3	7.2	10.1	3.7

Note: Row and column totals do not add up to the grand total when data points had to be excluded due to issues of disclosure.

Table 12
MOTOR VEHICLE COLLISIONS – OFF-ROAD: Emergency Room Visits by Cause and Age Group

Number and Age-Specific Annual Rate per 100,000 (FY 2014 AND 2015)

INJURY	AGE GROUP														TOTAL
	00-04	05-09	10-14	15-19	20-24	25-34	35-44	45-54	55-59	60-64	65-69	70-74	75-79	80+	
Rail	<5	0	<5	10	14	34	28	31	9	10	7	7	12	16	182
	/	0.0	/	0.6	0.7	0.9	0.8	0.7	0.5	0.6	0.5	0.7	1.6	1.4	0.7
ATV	115	489	1,425	2,426	1,966	2,618	1,750	1,556	487	278	208	141	74	57	13,590
	8.0	33.1	96.4	142.0	100.4	70.4	48.4	37.6	25.0	16.9	14.7	13.9	9.6	4.9	49.5
Water	26	68	346	443	392	576	420	476	201	132	100	74	47	43	3,344
	1.8	4.6	23.4	25.9	20.0	15.5	11.6	11.5	10.3	8.0	7.1	7.3	6.1	3.7	12.2
Air/space	<5	0	0	10	13	36	19	33	16	14	10	7	<5	6	169
	/	0.0	0.0	0.6	0.7	1.0	0.5	0.8	0.8	0.9	0.7	0.7	/	0.5	0.6
TOTAL	145	557	1,771	2,889	2,385	3,264	2,217	2,096	713	434	325	229	133	122	17,285
	10.1	37.7	119.8	169.2	121.8	87.7	61.3	50.7	36.5	26.4	23.0	22.6	17.3	10.6	62.9

Note: Row and column totals do not add up to the grand total when data points had to be excluded due to issues of disclosure.

Table 13
MOTOR VEHICLE COLLISIONS – OFF-ROAD: Hospital Visits by Cause and Age Group

Number and Age-Specific Annual Rate per 100,000 (FY 2014 AND 2015)

INJURY	AGE GROUP														TOTAL
	00-04	05-09	10-14	15-19	20-24	25-34	35-44	45-54	55-59	60-64	65-69	70-74	75-79	80+	
Rail	0	<5	0	0	<5	<5	<5	<5	0	0	<5	<5	<5	6	6
	0.0	/	0.0	0.0	/	/	/	/	0.0	0.0	/	/	/	0.5	<0.1
ATV	9	40	113	163	153	238	189	178	64	58	34	27	11	11	1,288
	0.6	2.7	7.6	9.5	7.8	6.4	5.2	4.3	3.3	3.5	2.4	2.7	1.4	1.0	4.7
Water	0	5	10	11	13	24	15	24	10	12	9	9	<5	7	149
	0.0	0.3	0.7	0.6	0.7	0.6	0.4	0.6	0.5	0.7	0.6	0.9	/	0.6	0.5
Air/space	<5	0	0	0	<5	5	5	6	<5	<5	<5	<5	<5	<5	36
	/	0.0	0.0	0.0	/	0.1	0.1	0.1	/	/	/	/	/	/	0.1
TOTAL	9	45	123	174	171	267	209	208	74	70	48	39	18	24	1,495
	0.6	3.0	8.3	10.2	8.7	7.2	5.8	5.0	3.8	4.3	3.4	3.9	2.3	2.1	5.4

Note: Row and column totals do not add up to the grand total when data points had to be excluded due to issues of disclosure.

Table 14

MOTOR VEHICLE COLLISIONS – OFF-ROAD: Deaths by Cause and Age Group

Number and Age-Specific Annual Rate per 100,000 (CY 2008-2012)

INJURY	AGE GROUP														TOTAL	
	00-04	05-09	10-14	15-19	20-24	25-34	35-44	45-54	55-59	60-64	65-69	70-74	75-79	80+		
Rail	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ATV	<5	<5	7	24	25	20	44	44	10	7	<5	6	6	6	204	
	/	/	0.2	0.5	0.6	0.2	0.5	0.4	0.2	0.2	/	0.3	0.3	0.2	0.3	
Water	0	0	<5	11	15	26	19	15	10	7	<5	<5	<5	<5	119	
	0.0	0.0	/	0.2	0.3	0.3	0.2	0.1	0.2	0.2	/	/	/	/	0.2	
Air/space	0	0	0	5	6	5	<5	16	6	<5	<5	<5	<5	<5	53	
	0.0	0.0	0.0	0.1	0.1	0.1	/	0.2	0.1	/	/	/	/	/	0.1	
TOTAL	<5	<5	7	40	46	51	63	75	26	14	8	12	10	11	380	
	/	/	0.2	0.9	1.0	0.6	0.7	0.7	0.6	0.4	0.3	0.6	0.6	0.4	0.6	

Note: Row and column totals do not add up to the grand total when data points had to be excluded due to issues of disclosure.

Table 15
SPORTS AND RECREATION: Emergency Room Visits by Cause and Age Group

Number and Age-Specific Annual Rate per 100,000 (FY 2014 AND 2015)

INJURY	AGE GROUP													TOTAL	
	00-04	05-09	10-14	15-19	20-24	25-34	35-44	45-54	55-59	60-64	65-69	70-74	75-79		80+
Fall involving ice skates, skis, roller-skates or skateboards	629	4,776	13,080	8,915	4,818	4,551	3,549	2,996	1,182	804	607	286	152	162	46,507
	44.0	323.4	884.6	522.0	246.1	122.3	98.1	72.4	60.6	48.8	43.0	28.3	19.8	14.0	169.3
Diving or jumping into water causing injury other than drowning or submersion	81	261	340	337	252	292	205	199	43	32	33	7	<5	8	2,090
	5.7	17.7	23.0	19.7	12.9	7.8	5.7	4.8	2.2	1.9	2.3	0.7	/	0.7	7.6
Striking against or struck by sports equipment	565	4,957	17,170	10,505	5,001	8,785	5,372	3,447	847	448	298	148	83	44	57,670
	39.5	335.7	1161.2	615.1	255.5	236.1	148.5	83.3	43.4	27.2	21.1	14.6	10.8	3.8	209.9
Over exertion and strenuous or repetitive movements	6,037	6,891	21,589	23,726	20,975	35,919	30,920	29,466	11,939	7,979	5,673	3,788	2,676	3,786	211,364
	422.4	466.6	1460.0	1389.2	1071.4	965.4	854.7	712.4	612.0	484.7	401.8	374.2	348.3	327.6	769.4
Travel and motion	15	27	98	105	57	82	74	91	53	26	16	12	8	21	685
	1.0	1.8	6.6	6.1	2.9	2.2	2.0	2.2	2.7	1.6	1.1	1.2	1.0	1.8	2.5
TOTAL	7,327	16,912	52,277	43,588	31,103	49,629	40,120	36,199	14,064	9,289	6,627	4,241	2,919	4,021	318,320
	512.7	1145.2	3535.4	2552.1	1588.8	1333.9	1109.0	875.2	720.9	564.3	469.4	419.0	379.9	347.9	1158.8

Note: Row and column totals do not add up to the grand total when data points had to be excluded due to issues of disclosure. The grand total is higher than in Table 1 because in some sports and recreation injuries fell into more than one category listed above, based on multiple ICD-10 codes linked to a single visit.

Table 16
SPORTS AND RECREATION: Hospital Visits by Cause and Age Group

Number and Age-Specific Annual Rate per 100,000 (FY 2014 AND 2015)

INJURY	AGE GROUP														TOTAL
	00-04	05-09	10-14	15-19	20-24	25-34	35-44	45-54	55-59	60-64	65-69	70-74	75-79	80+	
Fall involving ice skates, skis, roller-skates or skateboards	23	102	295	213	128	142	165	167	72	53	67	36	22	33	1,518
	1.6	6.9	20.0	12.5	6.5	3.8	4.6	4.0	3.7	3.2	4.7	3.6	2.9	2.9	5.5
Diving or jumping into water causing injury other than drowning or submersion	0	<5	7	12	13	15	12	12	<5	<5	<5	0	0	0	83
	0.0	/	0.5	0.7	0.7	0.4	0.3	0.3	/	/	/	0.0	0.0	0.0	0.3
Striking against or struck by sports equipment	6	14	62	63	33	74	40	31	13	6	<5	6	<5	<5	358
	0.4	0.9	4.2	3.7	1.7	2.0	1.1	0.7	0.7	0.4	/	0.6	/	/	1.3
Over exertion and strenuous or repetitive movements	12	13	94	178	176	345	328	364	161	146	147	134	125	374	2,597
	0.8	0.9	6.4	10.4	9.0	9.3	9.1	8.8	8.3	8.9	10.4	13.2	16.3	32.4	9.5
Travel and motion	0	0	0	<5	<5	0	<5	5	0	<5	0	0	0	<5	13
	0.0	0.0	0.0	/	/	0.0	/	0.1	0.0	/	0.0	0.0	0.0	/	<0.1
TOTAL	41	129	458	466	350	576	545	579	246	219	218	176	147	410	4,569
	2.9	8.7	31.0	27.3	17.9	15.5	15.1	14.0	12.6	15.5	15.4	17.4	19.1	35.5	16.6

Note: Row and column totals do not add up to the grand total when data points had to be excluded due to issues of disclosure. The grand total is higher than in Table 1 because in some sports and recreation injuries fell into more than one category listed above, based on multiple ICD-10 codes linked to a single visit.

Table 17

SPORTS AND RECREATION: Deaths by Cause and Age Group

Number and Age-Specific Annual Rate per 100,000 (CY 2008-2012)

INJURY	AGE GROUP														TOTAL
	00-04	05-09	10-14	15-19	20-24	25-34	35-44	45-54	55-59	60-64	65-69	70-74	75-79	80+	
Fall involving ice skates, skis, roller-skates or skateboards	0	0	<5	<5	<5	0	<5	<5	0	<5	0	<5	<5	<5	13
	0.0	0.0	/	/	/	0.0	/	/	0.0	/	0.0	/	/	/	<0.1
Diving or jumping into water causing injury other than drowning or submersion	0	0	0	0	0	<5	<5	<5	0	<5	0	0	0	0	7
	0.0	0.0	0.0	0.0	0.0	/	/	/	0.0	/	0.0	0.0	0.0	0.0	<0.1
Striking against or struck by sports equipment	0	<5	0	0	0	0	0	0	0	0	0	0	0	0	<5
	0.0	/	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	/
Over exertion and strenuous or repetitive movements	0	0	0	0	0	0	0	0	0	0	0	0	0	<5	<5
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	/	/
Travel and motion	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL	0	<5	<5	<5	<5	<5	0	6	0	<5	0	<5	<5	<5	23
	0.0	/	/	/	/	/	0.0	0.1	0.0	/	0.0	/	/	/	0.0

Note: Row and column totals do not add up to the grand total when data points had to be excluded due to issues of disclosure.

Table 18
INTENTIONAL INJURY – INTERPERSONAL (ASSAULT): Emergency Room Visits
by Cause and Age Group

Number and Age-Specific Annual Rate per 100,000 (FY 2014 AND 2015)

INJURY	AGE GROUP														TOTAL
	00-04	05-09	10-14	15-19	20-24	25-34	35-44	45-54	55-59	60-64	65-69	70-74	75-79	80+	
Firearm	0	0	9	55	100	106	37	21	6	<5	<5	0	0	<5	342
	0.0	0.0	0.6	3.2	5.1	2.8	1.0	0.5	0.3	/	/	0.0	0.0	/	1.2
Sharp or blunt object	10	27	103	992	1,587	2,142	1,127	842	244	110	69	34	17	48	7,352
	0.7	1.8	7.0	58.1	81.1	57.6	31.2	20.4	12.5	6.7	4.9	3.4	2.2	4.2	26.8
Bodily force (unarmed)	93	300	1,439	6,752	9,473	11,604	6,780	5,423	1,659	846	437	222	138	252	45,418
	6.5	20.3	97.3	395.3	483.9	311.9	187.4	131.1	85.0	51.4	31.0	21.9	18.0	21.8	165.3
Sexual assault by bodily force	26	23	73	473	394	392	219	135	25	5	9	<5	<5	5	1,787
	1.8	1.6	4.9	27.7	20.1	10.5	6.1	3.3	1.3	0.3	0.6	/	/	0.4	6.5
Drugs, medicaments	<5	<5	<5	33	39	34	16	11	<5	5	<5	0	0	<5	152
	/	/	/	1.9	2.0	0.9	0.4	0.3	/	0.3	/	0.0	0.0	/	0.6
Hanging, strangulation and suffocation	0	<5	10	23	38	56	41	36	8	<5	0	<5	<5	0	217
	0.0	/	0.7	1.3	1.9	1.5	1.1	0.9	0.4	/	0.0	/	/	0.0	0.8
Other	203	151	194	805	1,461	2,250	1,435	1,170	324	193	113	67	52	103	8,521
	14.2	10.2	13.1	47.1	74.6	60.5	39.7	28.3	16.6	11.7	8.0	6.6	6.8	8.9	31.0
TOTAL	332	501	1,828	9,133	13,092	16,584	9,655	7,638	2,266	1,164	633	328	212	413	63,789
	23.2	33.9	123.6	534.7	668.8	445.7	266.9	184.7	116.2	70.7	44.8	32.4	27.6	35.7	232.2

Note: Row and column totals do not add up to the grand total when data points had to be excluded due to issues of disclosure. The grand total is higher than in Table 1 because some interpersonal injuries fell into more than one category listed above, based on multiple ICD-10 codes linked to a single visit.

Table 19
INTENTIONAL INJURY – INTERPERSONAL (ASSAULT): Hospital Visits by Cause and Age Group

Number and Age-Specific Annual Rate per 100,000 (FY 2014 AND 2015)

INJURY	AGE GROUP														TOTAL
	00-04	05-09	10-14	15-19	20-24	25-34	35-44	45-54	55-59	60-64	65-69	70-74	75-79	80+	
Firearm	0	0	<5	19	54	57	15	11	<5	<5	<5	0	0	0	162
	0.0	0.0	/	1.1	2.8	1.5	0.4	0.3	/	/	/	0.0	0.0	0.0	0.6
Sharp or blunt object	<5	<5	9	164	216	312	152	110	49	21	17	8	<5	10	1,068
	/	/	0.6	9.6	11.0	8.4	4.2	2.7	2.5	1.3	1.2	0.8	/	0.9	3.9
Bodily force (unarmed)	7	<5	14	153	302	415	288	260	98	49	32	18	15	35	1,686
	0.5	/	0.9	9.0	15.4	11.2	8.0	6.3	5.0	3.0	2.3	1.8	2.0	3.0	6.1
Sexual assault by bodily force	0	<5	8	6	<5	14	<5	<5	<5	0	<5	<5	0	<5	43
	0.0	/	0.5	0.4	/	0.4	/	/	/	0.0	/	/	0.0	/	0.2
Drugs, medicaments	0	0	<5	0	<5	0	<5	<5	0	0	0	<5	0	<5	9
	0.0	0.0	/	0.0	/	0.0	/	/	0.0	0.0	0.0	/	0.0	/	<0.1
Hanging, strangulation and suffocation	<5	0	<5	<5	0	<5	<5	<5	<5	0	0	0	0	<5	15
	/	0.0	/	/	0.0	/	/	/	/	0.0	0.0	0.0	0.0	/	0.1
Other	83	7	61	43	34	91	62	59	26	16	28	20	22	59	611
	5.8	0.5	4.1	2.5	1.7	2.4	1.7	1.4	1.3	1.0	2.0	2.0	2.9	5.1	2.2
TOTAL	93	17	96	385	610	889	523	450	178	86	77	46	37	108	3,605
	6.5	1.2	6.5	22.5	31.2	23.9	14.5	10.9	9.1	5.2	5.5	4.5	4.8	9.3	13.1

Note: Row and column totals do not add up to the grand total when data points had to be excluded due to issues of disclosure. The grand total is higher than in Table 2 because some interpersonal injuries fell into more than one category listed above, based on multiple ICD-10 codes linked to a single visit.

Table 20
INTENTIONAL INJURY – INTERPERSONAL (ASSAULT): Deaths by Cause and Age Group

Number and Age-Specific Annual Rate per 100,000 (CY 2008-2012)

INJURY	AGE GROUP														TOTAL
	00-04	05-09	10-14	15-19	20-24	25-34	35-44	45-54	55-59	60-64	65-69	70-74	75-79	80+	
Firearm	0	0	<5	49	70	84	29	20	8	<5	<5	0	0	<5	271
	0.0	0.0	/	1.1	1.5	1.0	0.3	0.2	0.2	/	/	0.0	0.0	/	0.4
Sharp or blunt object	7	<5	<5	35	49	60	63	67	25	19	7	9	5	10	360
	0.2	/	/	0.8	1.1	0.7	0.7	0.6	0.6	0.5	0.3	0.4	0.3	0.4	0.5
Bodily force (unarmed)	0	0	0	<5	<5	8	<5	<5	<5	<5	0	0	<5	<5	31
	0.0	0.0	0.0	/	/	0.1	/	/	/	/	0.0	0.0	/	/	<0.1
Sexual assault by bodily force	0	0	0	<5	0	0	0	0	<5	0	0	0	0	0	<5
	0.0	0.0	0.0	/	0.0	0.0	0.0	0.0	/	0.0	0.0	0.0	0.0	0.0	/
Drugs, medicaments	<5	0	0	<5	0	0	0	0	0	0	0	0	0	0	<5
	/	0.0	0.0	/	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	/
Hanging, strangulation and suffocation	<5	<5	0	<5	6	8	11	5	<5	<5	<5	<5	0	<5	44
	/	/	0.0	/	0.1	0.1	0.1	0.0	/	/	/	/	0.0	/	0.1
Other	19	<5	<5	6	7	26	9	12	11	<5	<5	<5	<5	5	107
	0.5	/	/	0.1	0.2	0.3	0.1	0.1	0.3	/	/	/	/	0.2	0.2
TOTAL	26	<5	<5	98	132	186	112	104	44	19	7	9	5	25	814
	0.7	/	/	2.2	2.9	2.1	1.2	1.0	1.0	0.5	0.3	0.4	0.3	1.0	1.2

Note: Row and column totals do not add up to the grand total when data points had to be excluded due to issues of disclosure.

Table 21
INTENTIONAL INJURY – (SELF-HARM): Emergency Room Visits by Cause and Age Group

Number and Age-Specific Annual Rate per 100,000 (FY 2014 AND 2015)

INJURY	AGE GROUP														TOTAL
	00-04	05-09	10-14	15-19	20-24	25-34	35-44	45-54	55-59	60-64	65-69	70-74	75-79	80+	
Poisoning	45	16	1,309	5,450	3,209	3,961	3,189	3,340	1,159	688	440	242	159	218	23,425
	3.1	1.1	88.5	319.1	163.9	106.5	88.2	80.7	59.4	41.8	31.2	23.9	20.7	18.9	85.3
Firearm	<5	0	<5	<5	<5	7	12	8	13	<5	<5	8	0	8	71
	/	0.0	/	/	/	0.2	0.3	0.2	0.7	/	/	0.8	0.0	0.7	0.3
Hanging, strangulation, and suffocation	<5	0	49	133	86	136	92	75	21	17	8	<5	6	<5	628
	/	0.0	3.3	7.8	4.4	3.7	2.5	1.8	1.1	1.0	0.6	/	0.8	/	2.3
Sharp or blunt object	<5	5	683	2,282	1,282	1,156	678	497	184	103	54	35	24	44	7,027
	/	0.3	46.2	133.6	65.5	31.1	18.7	12.0	9.4	6.3	3.8	3.5	3.1	3.8	25.6
Jumping or lying before moving object	0	<5	10	32	28	64	33	25	11	8	7	5	0	9	232
	0.0	/	0.7	1.9	1.4	1.7	0.9	0.6	0.6	0.5	0.5	0.5	0.0	0.8	0.8
Other	<5	<5	71	272	176	190	129	97	30	16	6	5	6	7	1,009
	/	/	4.8	15.9	9.0	5.1	3.6	2.3	1.5	1.0	0.4	0.5	0.8	0.6	3.7
TOTAL	51	24	2,122	8,169	4,781	5,514	4,133	4,042	1,418	832	515	295	195	286	32,395
	3.6	1.6	143.5	478.3	244.2	148.2	114.2	97.7	72.7	50.5	36.5	29.1	25.4	24.7	117.9

Note: Row and column totals do not add up to the grand total when data points had to be excluded due to issues of disclosure. The grand total is higher than in Table 1 because some self-harm injuries fell into more than one category listed above, based on multiple ICD-10 codes linked to a single visit.

Table 22

INTENTIONAL INJURY – (SELF-HARM): Hospital Visits by Cause and Age Group

Number and Age-Specific Annual Rate per 100,000 (FY 2014 AND 2015)

INJURY	AGE GROUP														TOTAL
	00-04	05-09	10-14	15-19	20-24	25-34	35-44	45-54	55-59	60-64	65-69	70-74	75-79	80+	
Poisoning	<5	<5	517	1,834	883	1,306	1,249	1,513	543	349	240	148	118	186	8,892
	/	/	35.0	107.4	45.1	35.1	34.5	36.6	27.8	21.2	17.0	14.6	15.4	16.1	32.4
Firearm	0	0	0	<5	<5	<5	6	<5	5	<5	<5	5	0	<5	32
	0.0	0.0	0.0	/	/	/	0.2	/	0.3	/	/	0.5	0.0	/	0.1
Hanging, strangulation, and suffocation	0	0	17	48	23	43	36	30	9	6	6	<5	<5	<5	229
	0.0	0.0	1.1	2.8	1.2	1.2	1.0	0.7	0.5	0.4	0.4	/	/	/	0.8
Sharp or blunt object	0	0	54	104	45	87	77	76	29	20	17	14	15	20	558
	0.0	0.0	3.7	6.1	2.3	2.3	2.1	1.8	1.5	1.2	1.2	1.4	2.0	1.7	2.0
Jumping or lying before moving object	0	0	<5	17	15	34	17	15	9	8	<5	0	0	6	126
	0.0	0.0	/	1.0	0.8	0.9	0.5	0.4	0.5	0.5	/	0.0	0.0	0.5	0.5
Other	0	0	7	34	9	27	21	18	12	6	<5	<5	0	7	146
	0.0	0.0	0.5	2.0	0.5	0.7	0.6	0.4	0.6	0.4	/	/	0.0	0.6	0.5
TOTAL	0	0	595	2,037	975	1,497	1,406	1,652	607	389	263	167	133	219	9,983
	0.0	0.0	40.2	119.3	49.8	40.2	38.9	39.9	31.1	23.6	18.6	16.5	17.3	19.0	36.3

Note: Row and column totals do not add up to the grand total when data points had to be excluded due to issues of disclosure. The grand total is higher than in Table 2 because some self-harm injuries fell into more than one category listed above, based on multiple ICD-10 codes linked to a single visit.

Table 23

INTENTIONAL INJURY – (SELF-HARM): Deaths by Cause and Age Group

Number and Age-Specific Annual Rate per 100,000 (CY 2008-2012)

INJURY	AGE GROUP														TOTAL
	00-04	05-09	10-14	15-19	20-24	25-34	35-44	45-54	55-59	60-64	65-69	70-74	75-79	80+	
Poisoning	0	0	<5	27	75	146	271	435	203	133	43	56	38	57	1,484
	0.0	0.0	/	0.6	1.7	1.7	2.9	4.2	4.8	3.6	1.6	2.6	2.1	2.3	2.3
Firearm	0	0	<5	21	34	57	91	136	72	45	56	58	44	51	665
	0.0	0.0	/	0.5	0.7	0.7	1.0	1.3	1.7	1.2	2.0	2.7	2.5	2.0	1.0
Hanging, strangulation, and suffocation	0	0	38	189	232	363	508	612	191	145	80	56	54	75	2,543
	0.0	0.0	1.0	4.2	5.1	4.2	5.4	5.9	4.5	3.9	2.9	2.6	3.1	3.0	3.9
Sharp or blunt object	0	0	0	<5	<5	23	33	53	20	11	12	<5	6	7	175
	0.0	0.0	0.0	/	/	0.3	0.4	0.5	0.5	0.3	0.4	/	0.3	0.3	0.3
Jumping or lying before moving object	0	0	<5	35	58	135	126	123	57	32	20	12	19	28	645
	0.0	0.0	/	0.8	1.3	1.5	1.3	1.2	1.3	0.9	0.7	0.6	1.1	1.1	1.0
Other	0	0	0	6	18	34	35	67	29	20	23	9	9	21	271
	0.0	0.0	0.0	0.1	0.4	0.4	0.4	0.6	0.7	0.5	0.8	0.4	0.5	0.8	0.4
TOTAL	0	0	43	278	417	758	1,064	1,426	572	386	234	191	170	239	5,788
	0.0	0.0	1.1	6.2	9.2	8.7	11.4	13.7	13.4	10.5	8.5	8.9	9.6	9.5	8.8

Note: Row and column totals do not add up to the grand total when data points had to be excluded due to issues of disclosure.