

KENTUCKY INJURY INDICATORS



2010

KENTUCKY VIOLENCE AND INJURY PREVENTION PROJECT (KVIPP)

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KENTUCKY INJURY PREVENTION AND RESEARCH CENTER

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Abbreviations

CDC	Centers for Disease Control and Prevention
ED	Emergency Department
ICD	International Classification of Diseases
KIPRC	Kentucky Injury Prevention and Research Center
KY-IPOP	Kentucky Inpatient and Outpatient Claims Database
MVTC	Motor Vehicle Traffic Crash
PAR	Police Accident Report
SII	State Injury Indicator Reports
WISQARS	Web-Based Injury Statistics Query and Reporting System
WONDER	Wide-ranging Online Data for Epidemiologic Research

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Executive Summary

Fatalities

The leading causes of fatal injuries in Kentucky in 2010 were *unintentional poisonings* (942), *motor vehicle traffic crashes* (783), and *suicide by firearm* (402). Unintentional poisoning was the leading cause of injury death for Kentucky residents in 25-64 age group. Unintentional falls were the leading cause of injury death for Kentuckians aged 75 and older. For children the leading cause of death varied by age group: suffocation for infants, fire for children ages 1-4, and motor vehicle traffic crashes for children ages 5-14.

The 3,535 total injury fatalities for Kentucky residents recorded by the state at the time this report was compiled represent a 17% increase over the 3,009 we reported in 2009. This increase is primarily due to a 32% increase in total poisoning deaths, most of which were unintentional. There were also 15% increases in motor vehicle traffic crash (MVTC) deaths and total suicides.

The increase in MVTC deaths was due almost entirely to an increase in reported deaths of Kentucky residents in crashes occurring out of state. It should be noted that official Kentucky MVTC statistics reported by Kentucky State Police include only deaths occurring on Kentucky's roads, and include both Kentucky and out-of-state residents. It also should be noted that we have not determined at this time whether the increase in MVTC deaths occurring out of state represents a true increase or an artifact of more complete reporting of such deaths in 2010.

Hospitalizations

The leading causes of injury hospitalizations in Kentucky in 2010 were *unintentional falls* (10,753), *motor vehicle traffic crashes* (2,385), and *intentional self-harm by poisoning* (2,056). Unintentional falls were the leading cause of injury hospitalizations for Kentucky residents age fourteen and younger and age 45 and older. Motor vehicle traffic accidents were the leading cause of injury hospitalization for Kentuckians ages 15 to 24, and unintentional poisonings were the top cause for those ages 25 to 44.

The 24,914 hospitalizations for Kentucky residents in 2010 represents a very slight (-0.7%) decrease compared to the 25,093 we reported in 2009. MVTC hospitalizations continued to decline strongly to 2,386 in 2010 compared to 3,021 in 2009 (21% decrease). Hospitalizations for all poisonings increased from 4,083 in 2009 to 4,333 in 2010 (6% increase). (Preliminary data suggest that both of these trends continued in 2011, and also that there was a slight uptick in the overall number of injury hospitalizations in 2011. However the 2011 numbers are provisional at this time and subject to change.)

Emergency Department Visits

The leading causes of injury-related emergency department (ED) visits in Kentucky in 2010 were *unintentional falls* (136,204), *motor vehicle traffic accidents* (53,055), and *accidentally being struck by or against an object or person* (52,288). Unintentional falls were the leading cause of injury-related emergency department visits across the entire lifespan.

The total number of injury-related ED visits reported in 2010 was 486,244. (Preliminary data suggest that this number increased modestly in 2011. However the 2011 numbers are provisional at this time and subject to change.)

2010 was the first year that ED visits were included in this report, so comparisons to previous years are not provided.

Data Sources and Methods

Data sources

Three data sources were used:

1. For population: U.S. Census, Intercensal Estimates of the Resident Population by Single Year of Age and Sex for States and the United States: April 1, 2000 to July 1, 2010 .
2. For Fatalities: Kentucky Department for Public Health, Vital Statistics Branch, State Death Certificate File, 2010 (PROVISIONAL AT TIME OF THIS REPORT).
3. For Hospitalizations and Emergency Department Visits: Kentucky Cabinet for Health and Family Services, Office of Health Policy. Kentucky Inpatient and Outpatient Claims (KY-IPOP), 2010 (PROVISIONAL AT TIME OF THIS REPORT).

Methods

Injury Hospitalizations and Emergency Department Visits

The definitions for hospitalized injury used in this report correspond to the CDC's "State Injury Indicators Report: Instructions for Preparing 2010 Data." Specifically, case selection is limited to discharges of Kentucky residents from nonfederal, acute care, or inpatient facilities. Readmissions, transfers, and deaths occurring in the hospital are included.

An injury subset for hospitalizations was created by selecting discharges having a principal diagnosis code in the following ranges: 800–909.2, 909.4, 909.9, 910–994.9, 995.5–995.59, 995.80–995.85. An injury subset for emergency department visits was created similarly, but also included visits having a valid external cause of injury code regardless of the principal diagnosis.

Injury Fatalities

The definitions for fatal injuries used in this report correspond to the CDC's "State Injury Indicators Report: Instructions for Preparing 2010 Data." The underlying cause of death field in the Kentucky death certificate file was used to identify the mechanism and manner of fatal injuries.

Calculation of Rates

Two types of rates are reported. Age-specific ("crude") rates were calculated by dividing the number of injury events occurring in a particular age group by the number of Kentucky residents in that age group in 2010, and multiplying by 100,000. Age-adjusted rates were adjusted to the year 2000 standard population.

PLEASE NOTE: *Death counts in this report are based on state death certificate files, and thus cannot be expected to match counts based on other sources. In particular, numbers of motor vehicle traffic deaths will not match those based on police accident reports (PAR) because the two systems do not report on identical underlying populations. Death certificates capture deaths of Kentucky residents regardless of where they occur; PAR's capture deaths that occur on Kentucky roads only, and regardless of state of residence. Similarly, counts of homicides and assaults in this report will not match counts based on police crime reports, for similar reasons. These data sources should be viewed as complementary.*

There also exist specialized, death certificate-based surveillance systems for injury fatalities at both the state (e.g. the Kentucky Violent Death Reporting System and Child Fatality Reviews) and national levels (e.g. CDC's Web-Based Injury Statistics Query and Reporting System / WISQARS, and Wide-ranging Online Data for Epidemiologic Research / WONDER). Counts from those systems may not exactly match counts in this report due to differences in inclusion criteria, case definitions, the use of ancillary data sources for case identification, or other factors.

Case definitions

Fatal injury indicators

Indicator	Underlying cause of death - ICD-10 codes
All causes of injury	V01–Y36, Y85–Y87, Y89, *U01–*U03
Unintentional falls	W00–W19
Fall on same level	W00–W04, W18
Furniture or wheelchair	W05–W08
Playground equipment	W09
Stairs or steps	W10
Ladder, scaffolding, building, tree or cliff	W11–W15
Diving or jumping into water	W16
Other fall from level to another	W17
Unspecified fall	W19
Unintentional fire	X00–X09
Structural fire	X00, X02
Outdoor fire	X01, X03
Unspecified	X04–X09
Firearms	
Unintentional	W32–W34
Suicide	X72–X74
Homicide	X93–X95
Legal intervention	Y35.0
Undetermined intent	Y22–Y24
Terrorism	U01.4
Homicide	X85–Y09, Y87.1, U01–U02
Poisoning	X85–X90
Suffocation	X91
Firearms	X93–X95
Cut/pierce	X99
Unspecified means	Y09, Y87.1
Terrorism	U01–U02
Other, specified	X92, X96–X98, Y00–Y08
Motor vehicle traffic crash	
Pedestrian	V02–V04(.1,.9), V09.2
Pedal cyclist	V12–V14 (.3-.9), V19 (.4-.6)
Motorcyclist	V20–V28 (.3-.9), V29 (.4-.9)
ATV or 3-wheel motor vehicle rider	V30–V39 (.4-.9), V86 (.0-.3)
Passenger motor vehicle occupant	V40–V49 (.4-.9), V50–V59 (.4-.9)
Heavy transport vehicle occupant	V60–V69 (.4-.9)
Bus occupant	V70–V79 (.4-.9)
Other, specified	V81–V82 (.1), V83–V85 (.0-.3), V80 (.3-.5)
Mode unspecified	V87 (.0-.8), V89.2
Poisoning	
Accidental - drugs/medications	X40–X44
Accidental - other	X45–X49
Suicide	X60–X69
Homicide	X85–X90
Undetermined intent	Y10–Y19
Other	Y35.2, U01.6–U1.7
Suicide	X60–X84, Y87.0, U03
Poisoning	X60–X69
Suffocation/hanging	X70
Firearms	X72–X74
Other mechanism	X71, X75–X84, Y87.0, U03

Injury hospitalization and ED visit indicators

Indicator	External cause of injury (unless otherwise noted) - ICD-9 codes
All causes of injury	
Hospitalizations	800-909.2*, 909.4*, 909.9-994.9*, 995.5-995.59*, 995.80-995.85*
ED visits	800-909.2*, 909.4*, 909.9-994.9*, 995.5-995.59*, 995.80-995.85* OR E-code E800-E869, E880-E929, E950-E999
Unintentional falls	E880-E886, E888
Furniture or wheelchair	E884 (.2-.6)
Playground equipment	E884.0
Stairs or steps	E880
Ladder, scaffolding, building or cliff	E881-E882, E884.1
Hole or opening in surface	E883
Same level - sports	E886.0
Same level - other recreation	E885 (.0-.4)
Other fall on same level	E885.9, E886.9
Other fall from one level to another	E884.9
Unspecified fall	E888
Unintentional fire	E890-E899
Structural fire	E890-E891, E893 (.2,.8,.9), E895-E896, E898 (except .1)
Outdoor fire	E892, E897, E893.2
Unspecified	E894, E899, E893.8, E893.9, E898.1
Firearms	
Unintentional	E922 (.0-.3,.8,.9)
Suicide	E955 (.0-.4)
Homicide	E965 (.0-.4)
Legal intervention	E985 (.0-.4)
Undetermined intent	E970
Terrorism	E979.4
Assault	E960-E969, E999.1, E979
Poisoning	E962
Suffocation	E963
Firearms	E965
Cut/pierce	E966
Unspecified means	E968 (.8,.9)
Terrorism	E979
Other, specified	E961, E964, E968, E969
Fight, brawl, or rape	E960
Abuse	E967
Blunt or thrown object	E968.2
Motor vehicle traffic crash	E810-E819
Pedestrian	E810-E819 (.7)
Pedal cyclist	E810-E819 (.6)
Motorcyclist	E810-E819 (.2,.3)
Other motor vehicle	E810-E819 (.0,.1)
Other mode	E810-E819 (.4,.5,.8)
Unspecified mode	E810-E819 (.9)
Poisoning	
Accidental - drugs/medications	E850-E858
Accidental - other	E860-E869
Self-injury - drugs/medications	E950.0-E950.5
Self-injury - other	E951-E952, E950.6-E950.9
Assault	E962
Undetermined - drugs/medications	E980
Undetermined - other	E981-E982
Other	E972, E979 (.6,.7)
Self-injury	
Poisoning - drugs/medications	E950 (.0-.5)
Poisoning - other	E951-E952, E950.6-E950.9
Suffocation/hanging	E953
Firearms	E955
Cut/pierce	E956
Other mechanism	E954, E957-E959

* Principal/first-listed diagnosis code

Leading causes of injury-related death of KY residents by age group, 2010*											
Rank	Age group										
	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+
1	Suffocation 21	MVTC 12	MVTC 27	MVTC 134	Poisoning 211	Poisoning 271	Poisoning 273	Poisoning 89	MVTC 74	Fall 83	Fall 95
2		Fire/Burns 8	Drowning 6	Poisoning 62	MVTC 138	MVTC 115	MVTC 128	MVTC 81	Firearm 44	MVTC 52	Unspecified 91
3		Drowning 5		Firearm 32	Firearm 48	Firearm 68	Firearm 98	Firearm 73	Fall 37	Unspecified 51	Suffocation 27
4				Firearm 25	Suffocation 37	Suffocation 33	Poisoning 30	Fall 28	Suffocation 20	Firearm 26	MVTC 20
5				Suffocation 22	Firearm 33	Firearm 27	Poisoning 23	Poisoning 18	Unspecified 20	Suffocation 21	Firearm 10
6				Drowning 8	Poisoning 15	Poisoning 14	Firearm 23	Poisoning 11	Poisoning 16	Poisoning 16	
7				Firearm 7	Poisoning 9	Poisoning 11	Suffocation 20	Suffocation 10	Fire/burns 15	Fire/flame 10	
8				Suffocation 6	Fall 9	Fall 8	Fall 20	Firearm 9	Drowning 5	Firearm 5	
9				Other transp 6	Drowning 7	Suffocation 7	Other transp 10	Unspecified 9			
10				Fire/burn 5	Fire/flame 6	Cut/pierce 7	Drown/suff 7	Four tied 7			
* Counts less than five are not included in this matrix											
	Legend:	Unintentional	Undetermined	Homicide	Suicide						

Leading Mechanisms of Injury-Related Hospital Discharges of KY Residents from Acute-Care Hospitals by Age Group, 2010*

Rank	Age Group											Total
	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	
1	Falls 33	Falls 97	Falls 162	MVTC 451	Poisoning 444	Poisoning 538	Falls 796	Falls 1,360	Falls 1,842	Falls 3,005	Falls 2,684	Falls 10,753
2	Other Spec 16	Poisoning 41	MVTC 115	Poisoning 351	MVTC 383	Falls 393	Poisoning 463	MVTC 276	MVTC 191	MVTC 142	Not Specified 47	MVTC 2,385
3	Not Specified 8	Fire/Burns 40	Other Trans 60	Falls 143	Poisoning 242	MVTC 386	MVTC 369	Poisoning 231	Poisoning 163	Poisoning 111	Poisoning 44	Poisoning 2,056
4	Poisoning 8	MVTC 29	Other Pedal Cycle 32	Poisoning 128	Falls 238	Poisoning 273	Poisoning 333	Poisoning 167	Poisoning 43	Not Specified 46	MVTC 36	Poisoning 1,581
5	Fire/Burns 7	Natural/Envir 11	Struck by/Against 31	Other Trans 99	Poisoning 161	Poisoning 163	Poisoning 164	Poisoning 68	Other Spec 40	Overexertion 35	Overexertion 30	Poisoning 696
6	MVTC 7	Struck by/Against 10	Poisoning 26	Poisoning 95	Other Trans 65	Other Trans 89	Other Trans 81	Other Trans 51	Struck by/Against 37	Other Spec 34	Other Spec 26	Other Trans 506
7		Other Spec 9	Natural/Envir 23	Struck by/Against 54	Struck by/Against 60	Struck by/Against 55	Other Spec 50	Natural/Envir 49	Not Specified 36	Struck by/Against 29	Struck by/Against 17	Struck by/Against 364
8		Other Spec 9	Fire/Burns 22	Struck by/Against 42	Firearm 43	Other Spec 42	Natural/Envir 48	Struck by/Against 44	Other Trans 32	Natural/Envir 27	Natural/Envir 10	Other Spec 310
9		Drowning 8	Cut/Pierce 12	Firearm 35	Other Spec 41	Natural/Envir 41	Struck by/Against 45	Other Spec 35	Natural/Envir 30	Poisoning 20	Nec 7	Natural/Envir 301
10		Cut/Pierce 6	Other Spec 12	Natural/Envir 30	Struck by/Against 40	Struck by/Against 32	Struck by/Against 42	Fire/Burns 32	Poisoning 23	Other Trans 19	Suffocation 6	Not Specified 245

* Counts less than five are not included in this matrix

Legend:	Unintentional	Undetermined	Assault	Self Harm
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Leading Mechanisms of Injury-Related Emergency Department Visits of KY Residents By Age Group

Age Group												
Rank	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	Total
1	Falls 1,815	Falls 12,293	Falls 18,106	Falls 15,419	Falls 18,246	Falls 16,421	Falls 16,186	Falls 11,794	Falls 9,243	Falls 9,674	Falls 7,007	Falls 136,204
2	Struck by/Against 407	Struck by/Against 4,283	Struck by/Against 12,606	MVTC 14,660	MVTC 11,715	Overexertion 8,320	MVTC 6,638	MVTC 3,796	MVTC 1,801	MVTC 873	Struck by/Against 340	MVTC 53,055
3	MVTC 357	Natural/Envir 2,653	Overexertion 3,886	Struck by/Against 12,398	Overexertion 10,942	MVTC 8,076	Overexertion 5,915	Overexertion 2,475	Struck by/Against 1,082	Struck by/Against 659	MVTC 240	Struck by/Against 52,288
4	Poisoning 345	Other Spec 2,177	Natural/Envir 3,826	Overexertion 9,098	Struck by/Against 8,495	Struck by/Against 5,729	Struck by/Against 4,206	Struck by/Against 2,083	Overexertion 988	Overexertion 494	Not Specified 204	Overexertion 42,779
5	Natural/Envir 269	Poisoning 1,713	Cut/Pierce 3,707	Cut/Pierce 5,048	Cut/Pierce 4,735	Cut/Pierce 3,596	Cut/Pierce 2,954	Cut/Pierce 1,850	Cut/Pierce 960	Cut/Pierce 487	Overexertion 166	Cut/Pierce 24,953
6	Other Spec 177	Cut/Pierce 1,381	MVTC 3,540	Natural/Envir 3,343	Natural/Envir 3,144	Natural/Envir 2,699	Natural/Envir 2,293	Natural/Envir 1,392	Natural/Envir 787	Natural/Envir 357	Cut/Pierce 153	Natural/Envir 20,870
7	Fire/Burns 89	MVTC 1,359	Other Spec 2,464	Other Spec 2,762	Other Spec 2,911	Not Specified 2,074	Not Specified 1,646	Not Specified 884	Not Specified 462	Not Specified 337	Other Spec 146	Other Spec 15,914
8	Cut/Pierce 82	Not Specified 615	Other Pedal Cyc 2,285	Struck by/Against 2,596	Not Specified 2,555	Other Spec 2,063	Other Spec 1,645	Other Spec 860	Other Spec 444	Other Spec 265	Natural/Envir 107	Not Specified 12,427
9	Not Specified 78	Fire/Burn 595	Not Specified 1,364	Not Specified 2,208	Struck by/Against 2,035	Struck by/Against 1,260	Struck by/Against 838	Nec 367	Nec 195	Poisoning 116	Poisoning 50	Struck by/Against 7,541
10	Nec 47	Overexertion 452	Other Trans 1,307	Other Trans 2,039	Other Trans 1,553	Other Trans 1,133	Nec 722	Poisoning 324	Poisoning 190	Nec 103	Nec 44	Other Trans 7,388

* Counts less than five are not included in this matrix

Legend:	Unintentional	Undetermined	Assault	Self Harm
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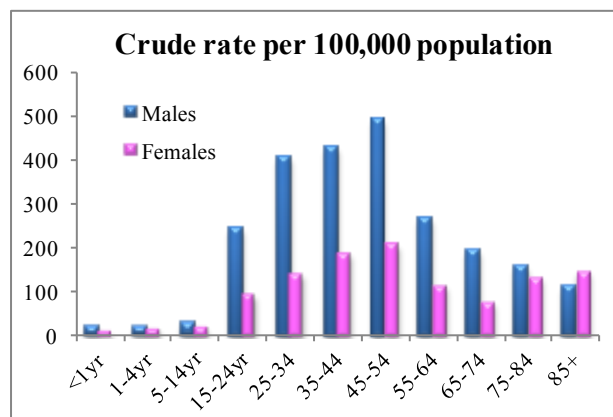
All injuries - by Age and Sex

Fatalities:

Total: 3,535 (80.9*)

Males: 2,368 (113.7*)

Females: 1,167 (50.5*)



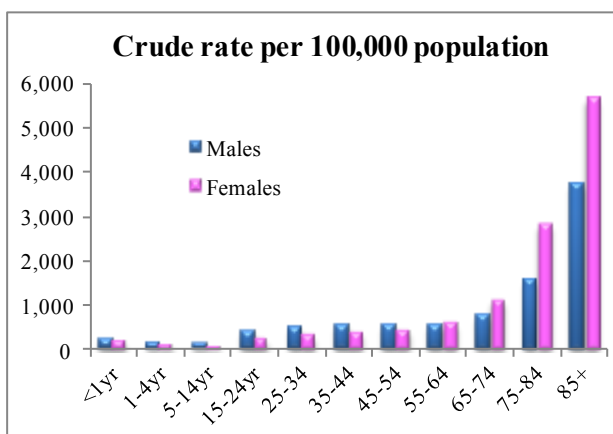
Age	Males	Females
<1	22	13
1-4	20	20
5-14	29	23
15-24	245	96
25-34	408	142
35-44	427	188
45-54	492	208
55-64	264	116
65-74	192	79
75-84	156	134
85+	113	148

Hospitalizations

Total: 24,914 (559*)

Males: 10,974 (535*)

Females: 13,940 (560*)



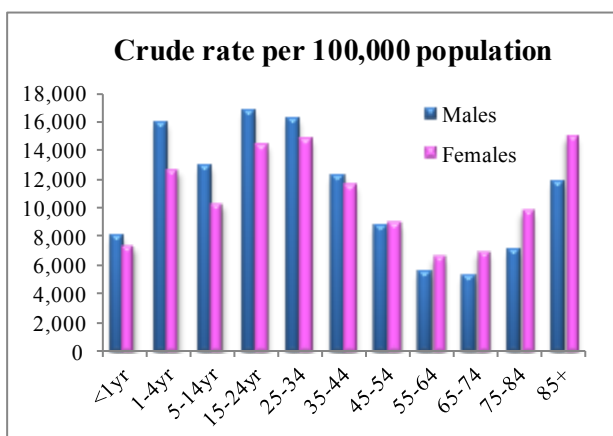
Age	Males	Females
<1	65	56
1-4	178	138
5-14	365	240
15-24	1,170	694
25-34	1,385	892
35-44	1,500	1,119
45-54	1,757	1,427
55-64	1,403	1,649
65-74	1,165	1,950
75-84	1,199	3,044
85+	787	2,731

Emergency Dept Visits

Total: 486,244 (11,520*)

Males: 247,743 (11,859*)

Females: 238,491 (11,106*)



Age	Males	Females
<1	2,273	1,978
1-4	18,361	14,035
5-14	37,263	28,442
15-24	50,046	41,399
25-34	46,647	41,782
35-44	35,271	33,279
45-54	27,607	29,182
55-64	14,552	18,428
65-74	7,974	12,113
75-84	5,271	10,603
85+	2,478	7,250

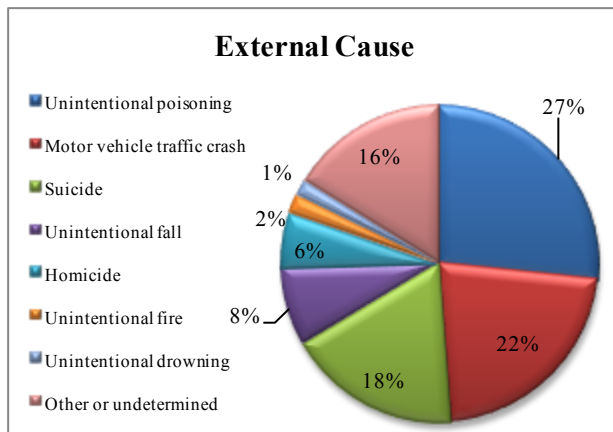
* Age-adjusted rate per 100,000 population

At least 1 but less than 5

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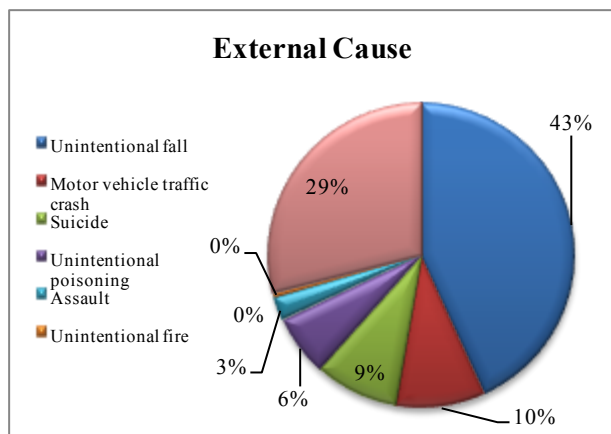
All injuries - by External Cause

Fatalities



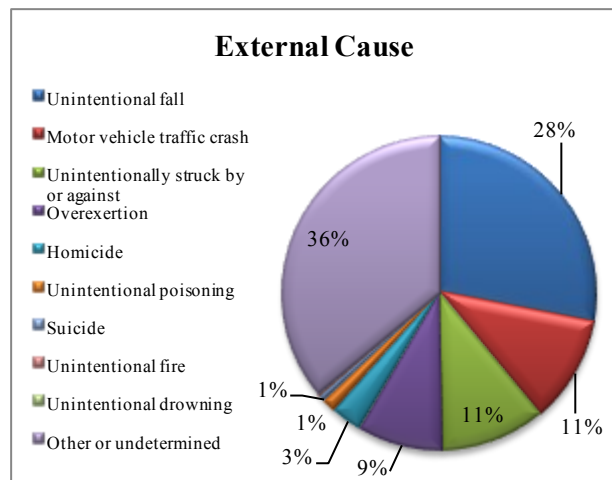
External cause	Number
Unintentional poisoning	942
Motor vehicle traffic crash	783
Suicide	627
Unintentional fall	283
Homicide	200
Unintentional fire	69
Unintentional drowning	57
Other or undetermined	574

Hospitalizations



External cause	Number
Unintentional fall	10,754
Motor vehicle traffic crash	2,386
Suicide	2,223
Unintentional poisoning	1,581
Assault	624
Unintentional fire	113
Unintentional drowning	18
Other or unknown	7,215

Emergency Dept Visits



External cause	Number
Unintentional fall	136,204
Motor vehicle traffic crash	53,055
Unintentionally struck by/again	52,288
Overexertion	42,779
Homicide	15,453
Unintentional poisoning	6,695
Suicide	3,002
Unintentional fire	1,126
Unintentional drowning	107
Other or undetermined	175,535

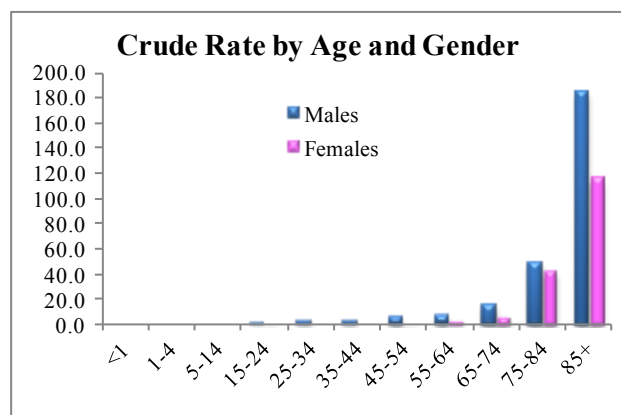
Unintentional Falls - by Age and Sex

Fatalities

Total: 283 (6.3*)

Males: 155 (8.4*)

Females: 128 (4.6*)

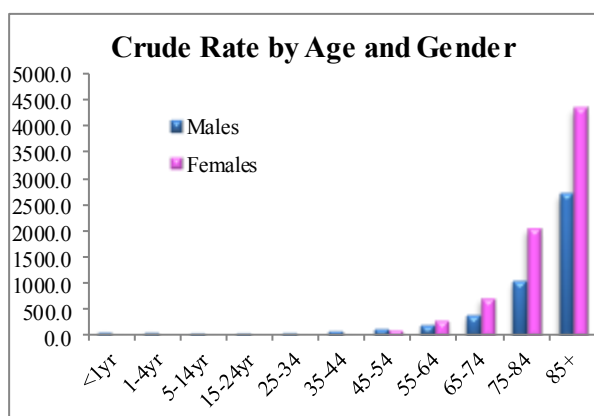


Age	Males	Females
<1	0	0
1-4	0	0
5-14	0	0
15-24	#	#
25-34	9	0
35-44	##	0
45-54	19	#
55-64	18	10
65-74	24	13
75-84	36	47
85+	39	56

Hospitalizations

Total: 10,754 (236.4*) Males: 3,484 (180.0*)

Females: 7,270 (272.7*)



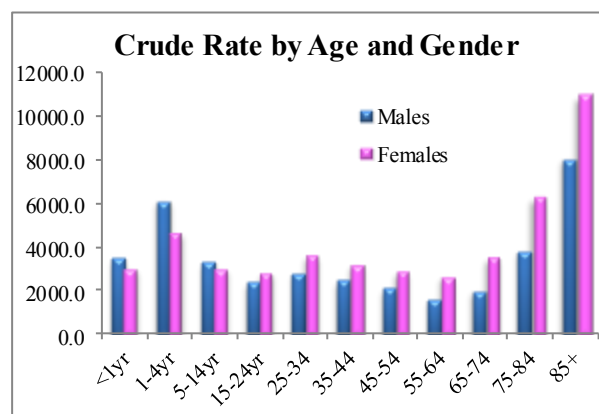
Age	Males	Females
<1	19	14
1-4	63	34
5-14	93	69
15-24	97	46
25-34	139	99
35-44	228	165
45-54	396	400
55-64	520	841
65-74	575	1,267
75-84	779	2,226
85+	575	2,109

Emergency Department Visits

Total: 136,204 (3,181*)

Males: 58,444 (2,828*)

Females: 77,757 (3,484*)



Age	Males	Females
<1	986	829
1-4	7,065	5,228
5-14	9,595	8,510
15-24	7,192	8,227
25-34	7,991	10,255
35-44	7,137	9,283
45-54	6,665	9,521
55-64	4,221	7,573
65-74	3,037	6,205
75-84	2,852	6,822
85+	1,703	5,304

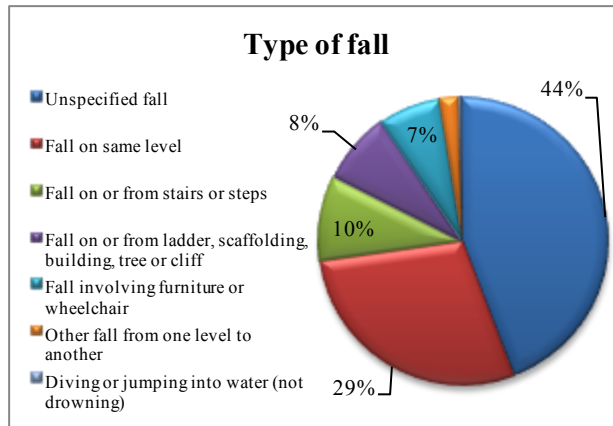
* Age-adjusted rate per 100,000 population

At least 1 but less than 5

Suppressed to prevent indirect disclosure

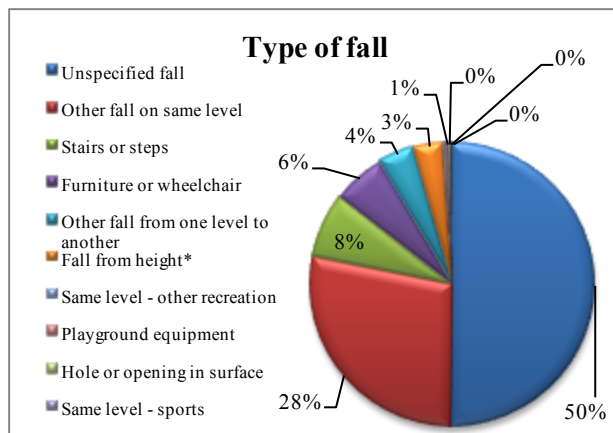
Unintentional Falls - by Type of Fall

Fatalities:



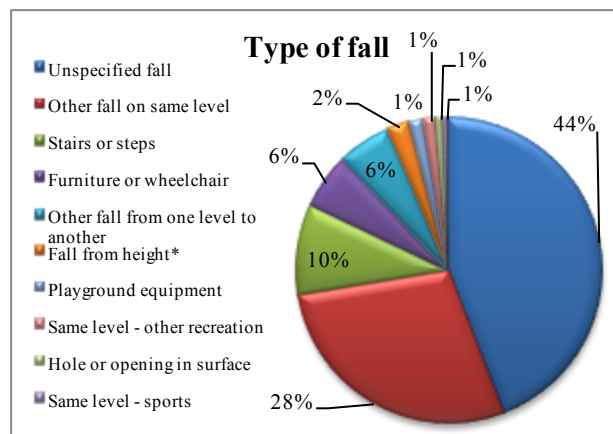
Type of fall	Number
Unspecified fall	125
Fall on same level	81
Fall on or from stairs or steps	27
Fall on or from ladder, scaffolding,	23
Fall involving furniture or wheelchair	20
Other fall from one level to another	6
Diving or jumping into water (not	#

Hospitalizations



Type of fall	Number
Unspecified fall	5,398
Other fall on same level	3,004
Stairs or steps	797
Furniture or wheelchair	643
Other fall from one level to another	444
Fall from ladder, scaffolding, building or cliff	360
Same level - other recreation	43
Playground equipment	33
Hole or opening in surface	19
Same level - sports	12

Emergency Dept Visits



Type of fall	Number
Unspecified fall	60,061
Other fall on same level	38,571
Stairs or steps	12,996
Furniture or wheelchair	8,064
Other fall from one level to another	7,758
Fall from ladder, scaffolding, building or cliff	3,244
Playground equipment	1,960
Same level - other recreation	1,833
Hole or opening in surface	1,013
Same level - sports	704

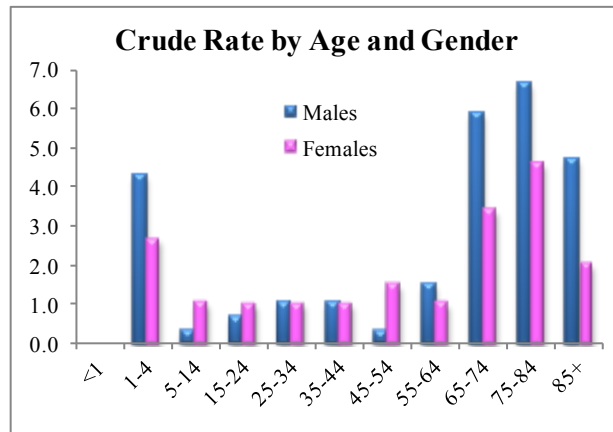
Unintentional Fire-Related Injuries - by Age and Sex

Fatalities

Total: 69 (1.6*)

Males: 34 (1.6*)

Females: 35 (1.5*)



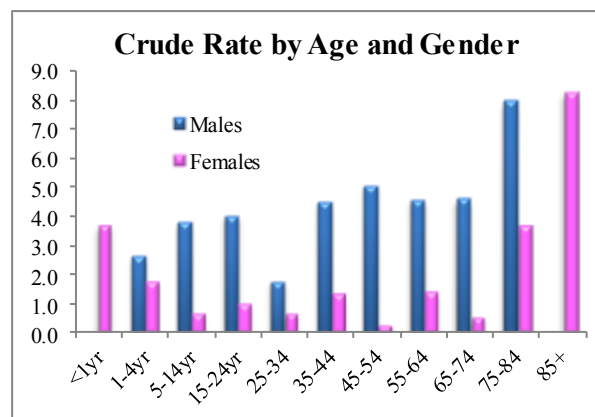
Age	Males	Females
<1	0	0
1-4	5	#
5-14	#	#
15-24	#	#
25-34	#	#
35-44	#	#
45-54	#	5
55-64	#	#
65-74	9	6
75-84	5	5
85+	#	#

Hospitalizations

Total: 113 (2.6*)

Males: 85 (4.0*)

Females: 28 (1.2*)



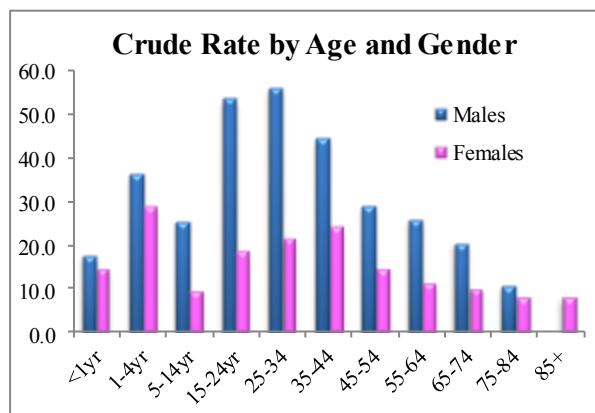
Age	Males	Females
<1	0	#
1-4	#	#
5-14	11	#
15-24	12	#
25-34	##	#
35-44	13	#
45-54	16	#
55-64	12	#
65-74	7	#
75-84	6	#
85+	0	#

Emergency Department Visits

Total: 1,126 (26.6*)

Males: 768 (36.1*)

Females: 358 (16.8*)



Age	Males	Females
<1	5	#
1-4	42	32
5-14	74	27
15-24	160	54
25-34	161	61
35-44	128	69
45-54	91	48
55-64	68	32
65-74	31	18
75-84	8	9
85+	0	#

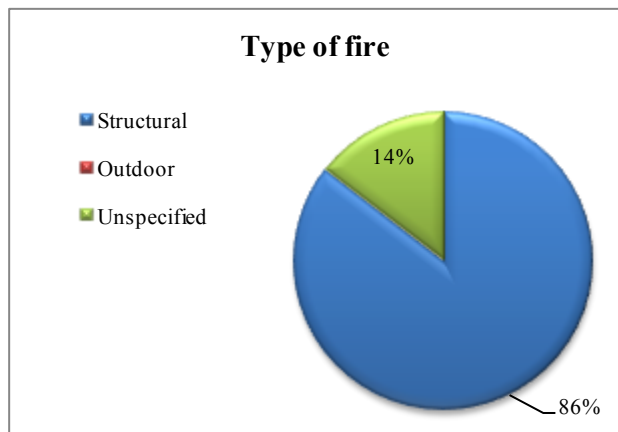
* Age-adjusted rate per 100,000 population

At least 1 but less than 5

Suppressed to prevent indirect disclosure

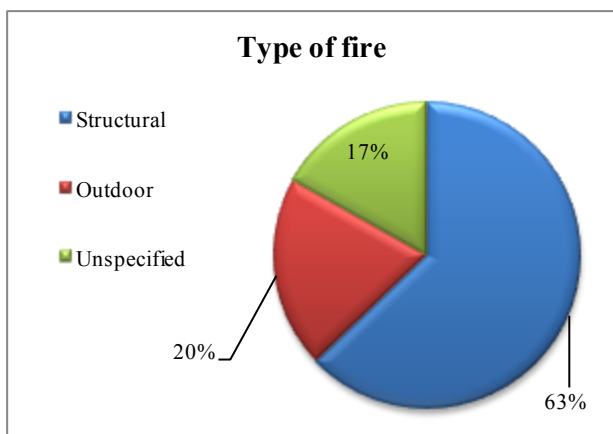
Unintentional Fire-Related Injuries- by Type of Fire

Fatalities:



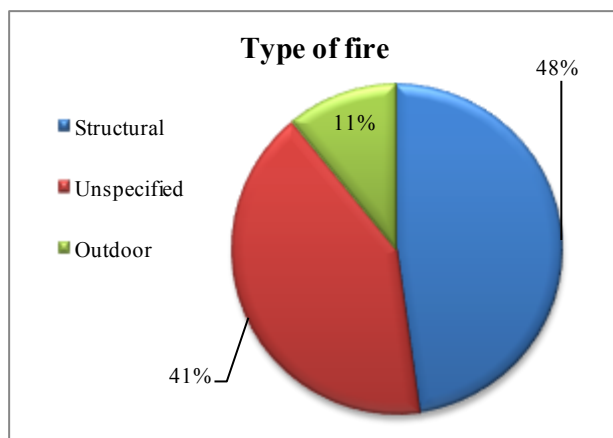
Type of fire	Number
Structural	59
Outdoor	0
Unspecified	10

Hospitalizations



Type of fire	Number
Structural	71
Outdoor	23
Unspecified	19

Emergency Dept Visits



Type of fire	Number
Structural	538
Outdoor	465
Unspecified	123

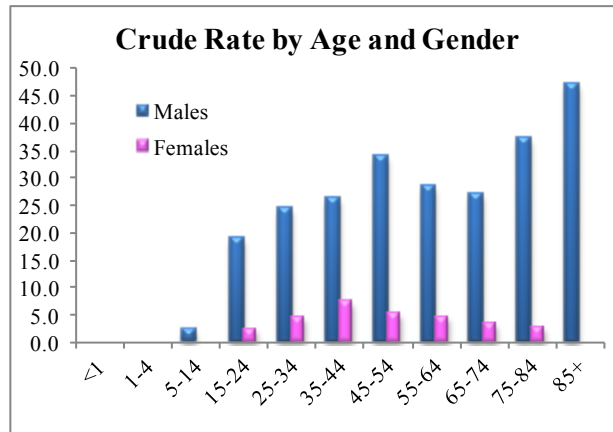
Firearm-Related Injuries - by Age and Sex

Fatalities

Total: 552 (12.4*)

Males: 472 (21.8*)

Females: 80 (3.6*)



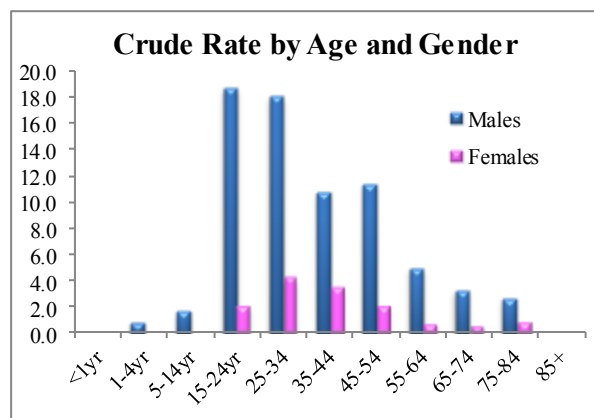
Age	Males	Females
<1	0	0
1-4	0	0
5-14	7	0
15-24	57	7
25-34	70	13
35-44	76	21
45-54	108	17
55-64	75	13
65-74	41	##
75-84	28	#
85+	10	0

Hospitalizations

Total: 240 (5.6*)

Males: 201 (9.4*)

Females: 39 (1.9*)



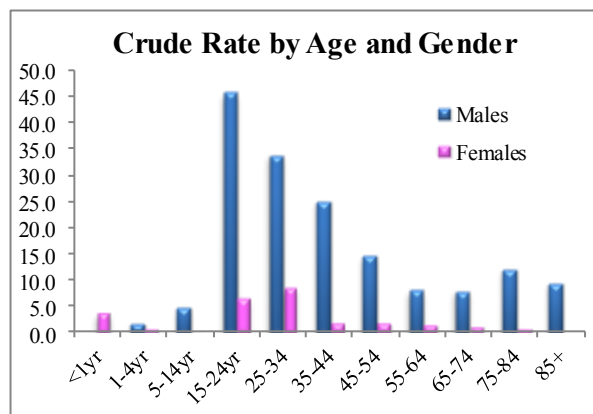
Age	Males	Females
<1	0	0
1-4	#	0
5-14	5	0
15-24	56	6
25-34	52	12
35-44	31	10
45-54	36	7
55-64	13	#
65-74	5	#
75-84	#	#
85+	0	0

Emergency Department Visits

Total: 477 (11.3*)

Males: 412 (19.6*)

Females: 65 (3.1*)



Age	Males	Females
<1	0	#
1-4	#	#
5-14	14	#
15-24	137	19
25-34	97	24
35-44	72	6
45-54	46	6
55-64	21	#
65-74	12	#
75-84	9	#
85+	#	0

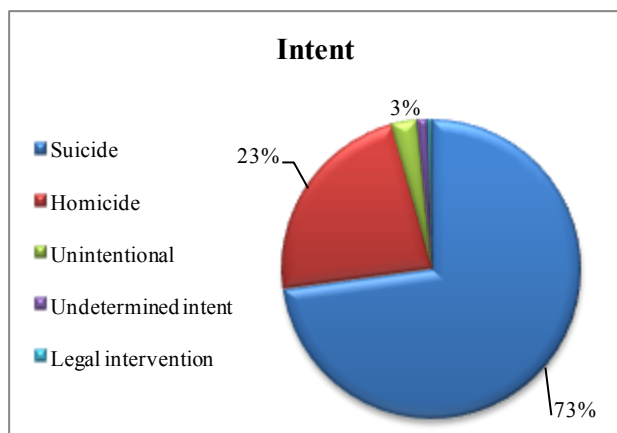
* Age-adjusted rate per 100,000 population

At least 1 but less than 5

Suppressed to prevent indirect disclosure

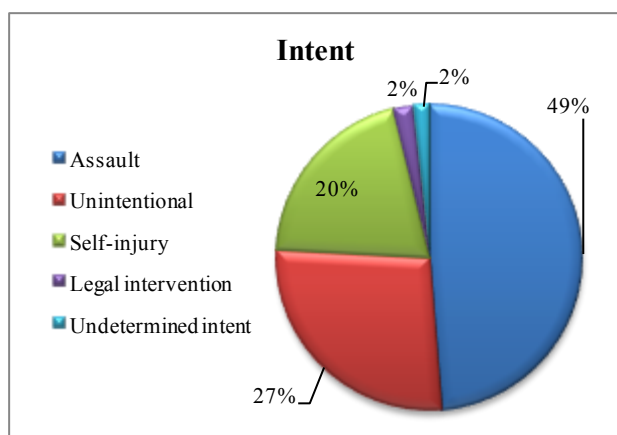
Firearm-Related Injuries - by Intent

Fatalities:



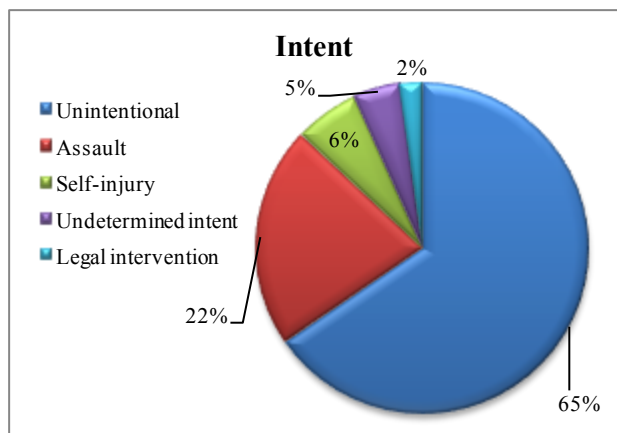
Intent	Number
Suicide	402
Homicide	127
Unintentional	15
Undetermined intent	##
Legal intervention	#

Hospitalizations



Intent	Number
Assault	117
Unintentional	65
Self-injury	49
Legal intervention	##
Undetermined intent	#

Emergency Dept Visits



Intent	Number
Unintentional	312
Assault	103
Self-injury	30
Undetermined intent	22
Legal intervention	10

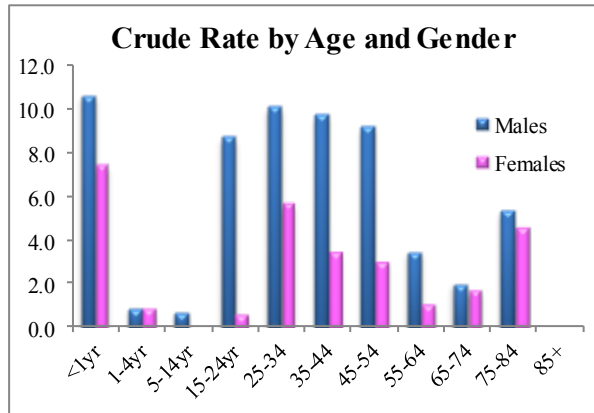
Homicide and Assault - by Age and Sex

Fatalities

Total: 200 (4.7*)

Males: 144 (6.8*)

Females: 56 (2.6*)



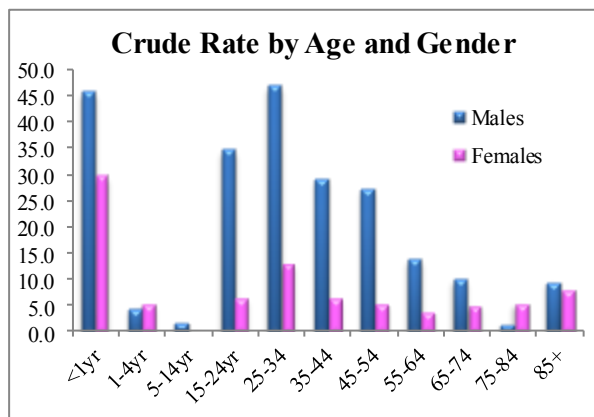
Age	Males	Females
<1	#	#
1-4	#	#
5-14	#	#
15-24	28	#
25-34	32	16
35-44	30	10
45-54	29	10
55-64	10	#
65-74	#	#
75-84	#	5
85+	0	#

Hospitalizations

Total: 624 (14.6*)

Males: 486 (22.8*)

Females: 138 (6.3*)



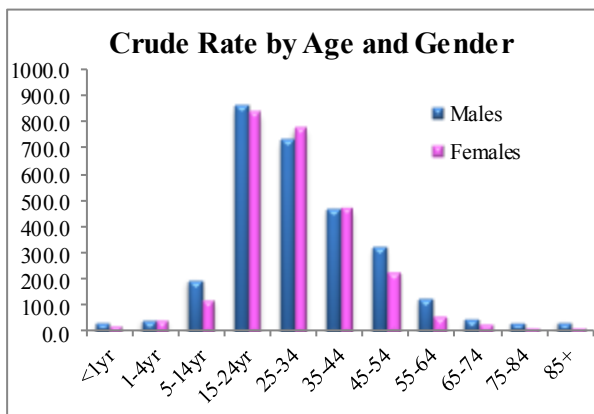
Age	Males	Females
<1	13	8
1-4	5	6
5-14	5	#
15-24	104	19
25-34	135	37
35-44	84	19
45-54	86	18
55-64	36	11
65-74	15	9
75-84	#	6
85+	#	#

Emergency Department Visits

Total: 15,453 (371.7*)

Males: 8,110 (385.4*)

Females: 7,343 (358.4*)



Age	Males	Females
<1	9	7
1-4	49	52
5-14	564	346
15-24	2,585	2,400
25-34	2,108	2,197
35-44	1,355	1,346
45-54	1,013	742
55-64	330	170
65-74	68	54
75-84	22	22
85+	7	7

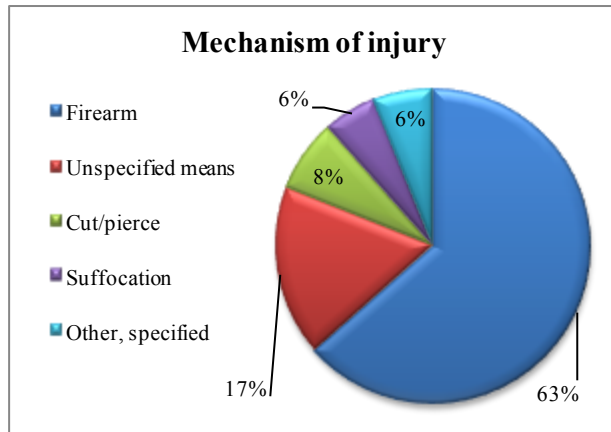
* Age-adjusted rate per 100,000 population

At least 1 but less than 5

Suppressed to prevent indirect disclosure

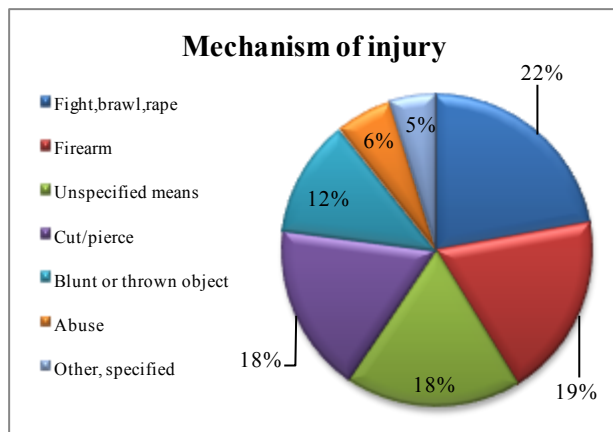
Homicide and Assault - by Mechanism of Injury

Fatalities:



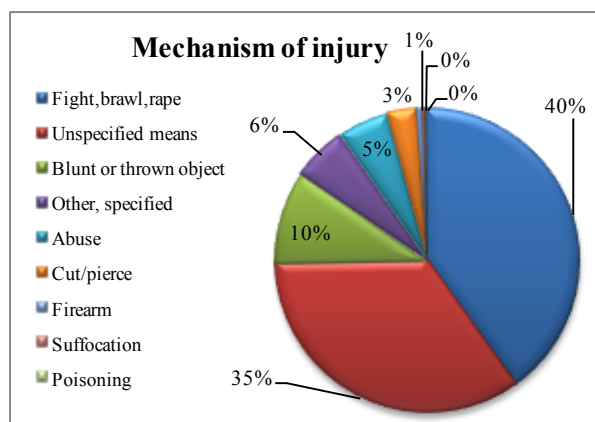
Mechanism of injury	Number
Firearm	127
Unspecified means	35
Cut/pierce	15
Suffocation	11
Other, specified	12

Hospitalizations



Mechanism of injury	Number
Fight, brawl, rape	138
Firearm	119
Unspecified means	114
Cut/pierce	109
Blunt or thrown object	76
Abuse	37
Other, specified	30

Emergency Dept Visits



Mechanism of injury	Number
Fight, brawl, rape	6,193
Unspecified means	5,353
Blunt or thrown object	1,525
Other, specified	905
Abuse	828
Cut/pierce	488
Firearm	105
Suffocation	39
Poisoning	17

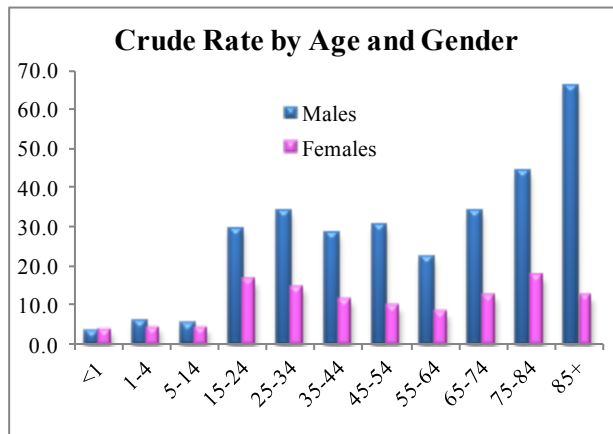
Motor Vehicle Traffic Crashes - by Age and Sex

Fatalities

Total: 783 (17.9*)

Males: 542 (25.6*)

Females: 241 (10.9*)



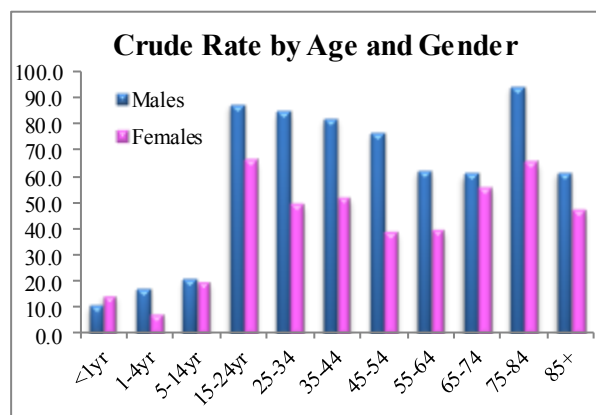
Age	Males	Females
<1	#	#
1-4	##	##
5-14	15	12
15-24	87	47
25-34	97	41
35-44	82	33
45-54	96	32
55-64	58	23
65-74	52	22
75-84	33	19
85+	14	6

Hospitalizations

Total: 2,386 (54.9*)

Males: 1,407 (66.0*)

Females: 979 (44.1*)



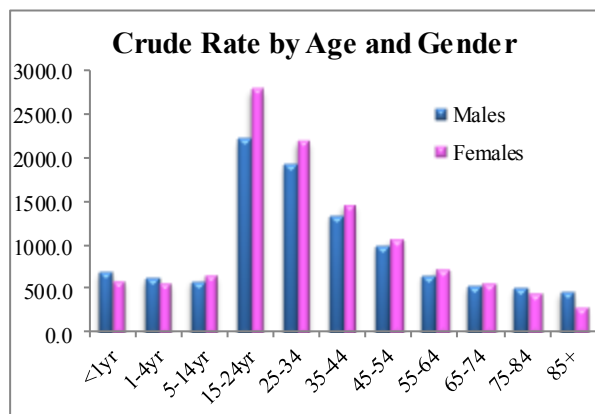
Age	Males	Females
<1	#	#
1-4	20	9
5-14	60	55
15-24	261	190
25-34	243	140
35-44	237	149
45-54	242	128
55-64	164	112
65-74	93	98
75-84	71	71
85+	13	23

Emergency Department Visits

Total: 53,055 (1,250.2*)

Males: 24,781 (1,170.3*)

Females: 28,273 (1,333.0*)



Age	Males	Females
<1	195	162
1-4	716	643
5-14	1,711	1,829
15-24	6,660	8,000
25-34	5,516	6,199
35-44	3,865	4,210
45-54	3,138	3,500
55-64	1,705	2,091
65-74	799	1,002
75-84	378	495
85+	98	142

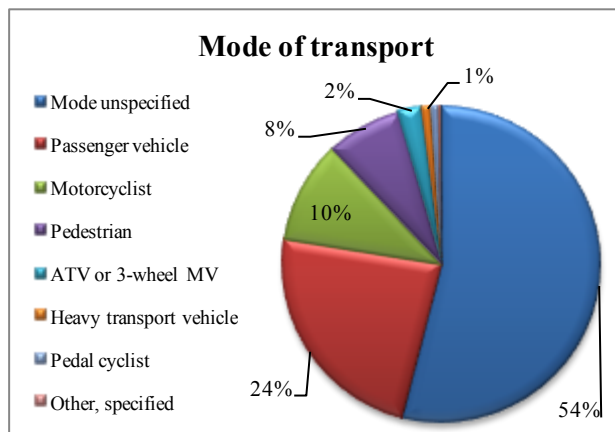
* Age-adjusted rate per 100,000 population

At least 1 but less than 5

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Motor Vehicle Traffic Crashes- by Mode of Transport

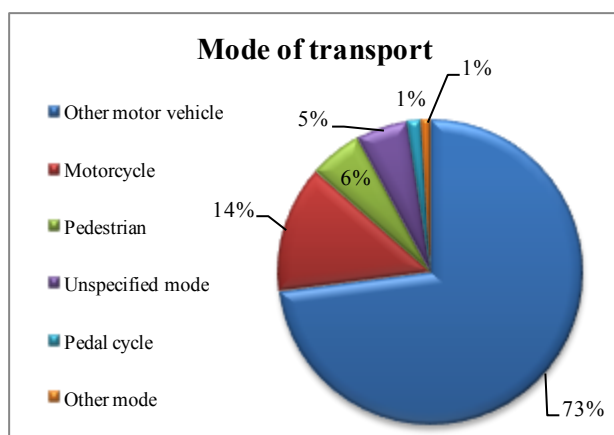
Fatalities:



Mode of transport	Number
Mode unspecified	423
Passenger vehicle	184
Motorcyclist	82
Pedestrian	60
ATV or 3-wheel MV	19
Heavy transport vehicle	7
Pedal cyclist	##
Other, specified	#

Notes: "Other, specified" includes persons whose mode of transport was an animal, animal-drawn vehicle, railway train, railway vehicle, streetcar, special vehicle mainly used on industrial premises, or special construction vehicle.

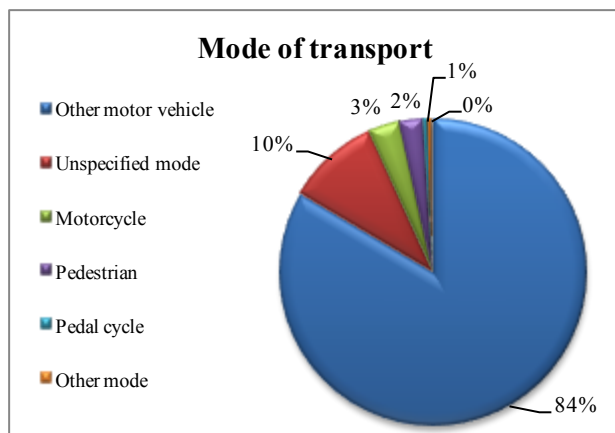
Hospitalizations



Mode of transport	Number
Other motor vehicle	1,740
Motorcycle	323
Pedestrian	134
Unspecified mode	131
Pedal cycle	35
Other mode	22

Notes: "Other mode" includes persons whose mode of transport was an animal, animal-drawn vehicle, streetcar or railway train, and possibly certain other types of vehicles. "Other motor vehicle" includes primarily passenger motor vehicles and heavy trucks, but may include certain other types of motor vehicles as well.

Emergency Dept Visits



Mode of transport	Number
Other motor vehicle	44,297
Unspecified mode	5,194
Motorcycle	1,817
Pedestrian	1,276
Pedal cycle	278
Other mode	193

Notes: "Other mode" includes persons whose mode of transport was an animal, animal-drawn vehicle, streetcar or railway train, and possibly certain other types of vehicles. "Other motor vehicle" includes primarily passenger motor vehicles and heavy trucks, but may include certain other types of motor vehicles as well.

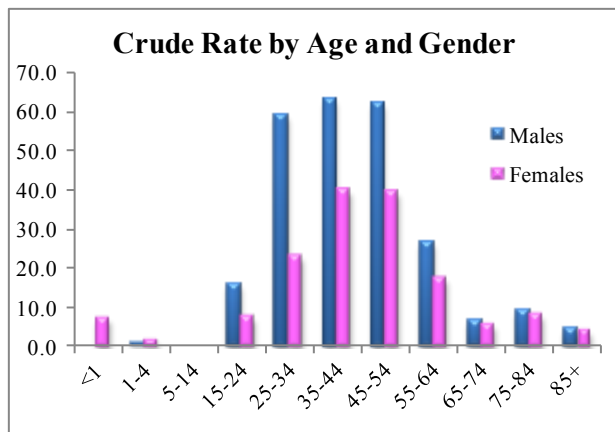
Poisoning - by Age and Sex

Fatalities

Total: 1,088 (25.3*)

Males: 684 (32.1*)

Females: 404 (18.5*)



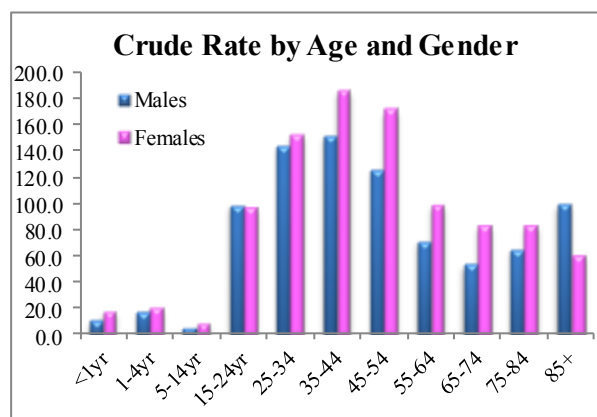
Age	Males	Females
<1	0	#
1-4	#	#
5-14	0	0
15-24	47	22
25-34	170	65
35-44	182	114
45-54	197	129
55-64	69	49
65-74	10	10
75-84	7	9
85+	#	#

Hospitalizations

Total: 4,333 (100.4*)

Males: 1,924 (91.0*)

Females: 2,409 (109.6*)



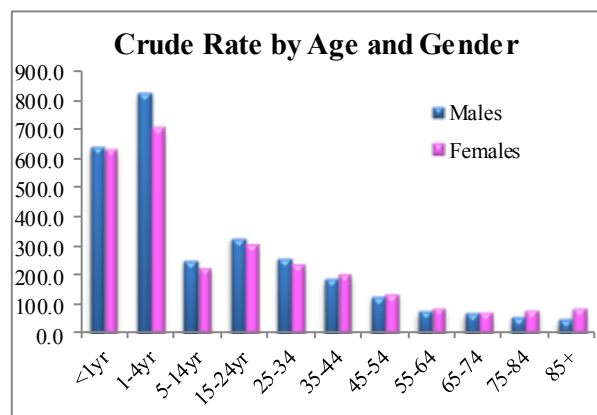
Age	Males	Females
<1	#	5
1-4	20	24
5-14	14	26
15-24	295	279
25-34	415	432
35-44	439	535
45-54	399	561
55-64	187	279
65-74	82	147
75-84	49	91
85+	21	30

Emergency Department Visits

Total: 9,593 (230.2*)

Males: 4,868 (232.5*)

Females: 4,725 (227.2*)



Age	Males	Females
<1	181	171
1-4	956	787
5-14	718	631
15-24	976	892
25-34	744	673
35-44	540	593
45-54	392	455
55-64	203	262
65-74	106	129
75-84	42	88
85+	10	44

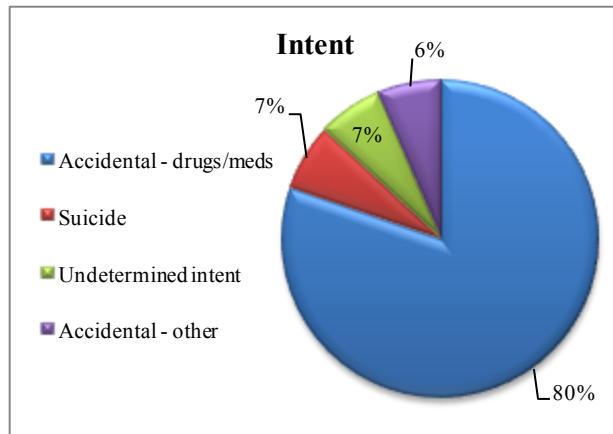
* Age-adjusted rate per 100,000 population

At least 1 but less than 5

Suppressed to prevent indirect disclosure

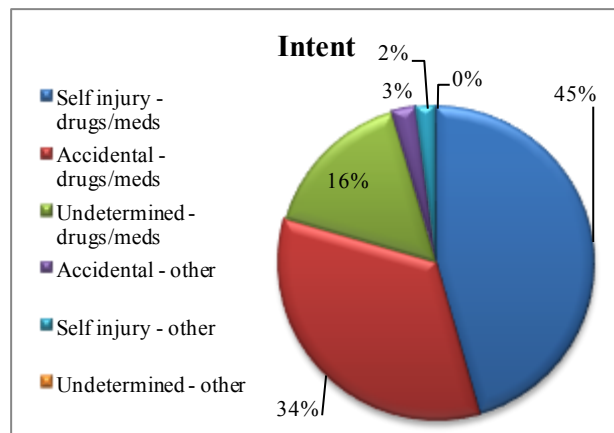
Poisoning- by Intent

Fatalities:



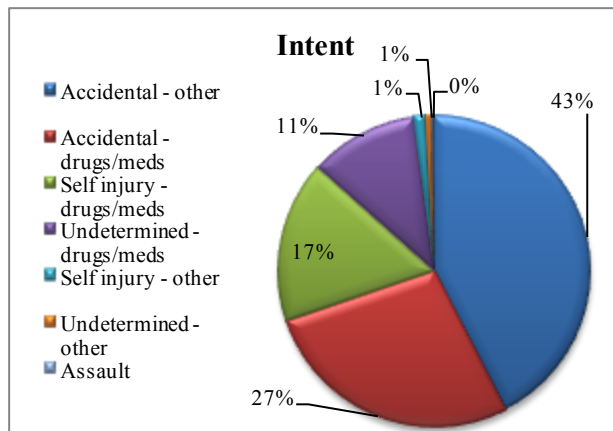
Intent	Number
Accidental - drugs/meds	873
Suicide	74
Undetermined intent	72
Accidental - other	69

Hospitalizations



Intent	Number
Self injury - drugs/meds	1,974
Accidental - drugs/meds	1,470
Undetermined - drugs/meds	694
Accidental - other	111
Self injury - other	82
Undetermined - other	2

Emergency Dept Visits



Intent	Number
Accidental - other	4,071
Accidental - drugs/meds	2,624
Self injury - drugs/meds	1,613
Undetermined - drugs/meds	1,087
Self injury - other	123
Undetermined - other	58
Assault	17

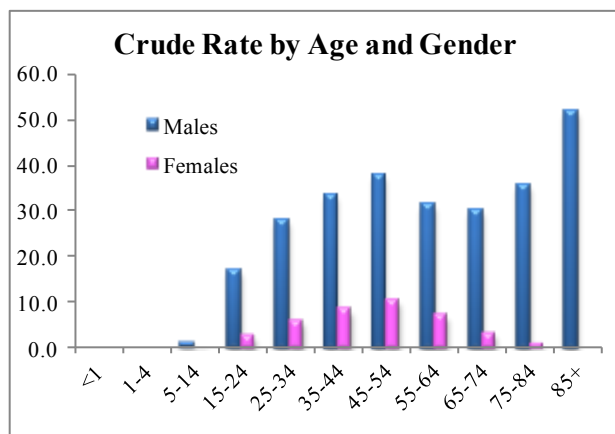
Suicide and Self-Injury - by Age and Sex

Fatalities

Total: 627 (14.1*)

Males: 516 (23.9*)

Females: 111 (4.9*)



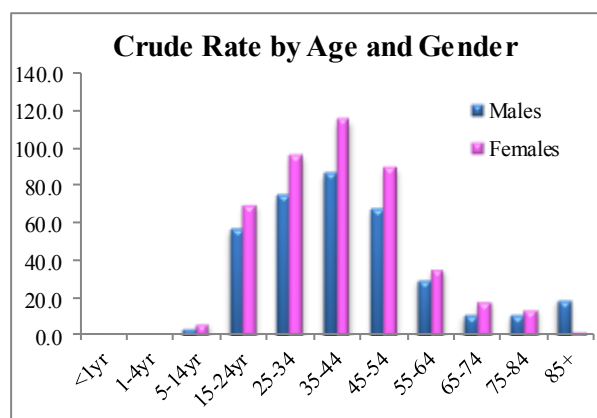
Age	Males	Females
<1	0	0
1-4	0	0
5-14	#	#
15-24	50	8
25-34	80	17
35-44	97	24
45-54	120	34
55-64	82	20
65-74	46	6
75-84	27	#
85+	##	0

Hospitalizations

Total: 2,223 (52.5*)

Males: 962 (45.6*)

Females: 1,261 (59.5*)



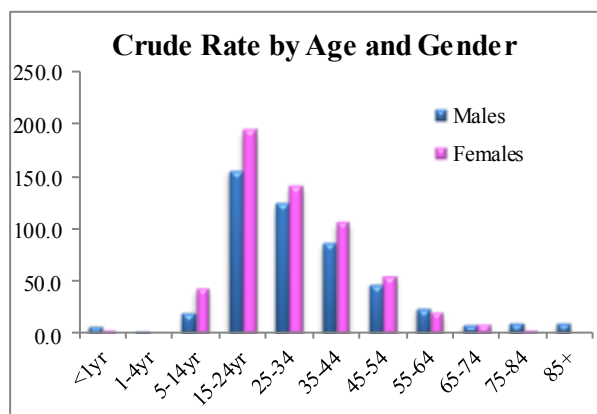
Age	Males	Females
<1	0	0
1-4	0	0
5-14	9	18
15-24	169	201
25-34	215	272
35-44	250	330
45-54	213	293
55-64	78	99
65-74	16	32
75-84	##	##
85+	#	#

Emergency Department Visits

Total: 3,002 (72.2*)

Males: 1,362 (64.8*)

Females: 1,640 (79.8*)



Age	Males	Females
<1	#	#
1-4	#	0
5-14	56	121
15-24	466	558
25-34	356	398
35-44	249	306
45-54	148	179
55-64	62	57
65-74	12	16
75-84	7	#
85+	#	0

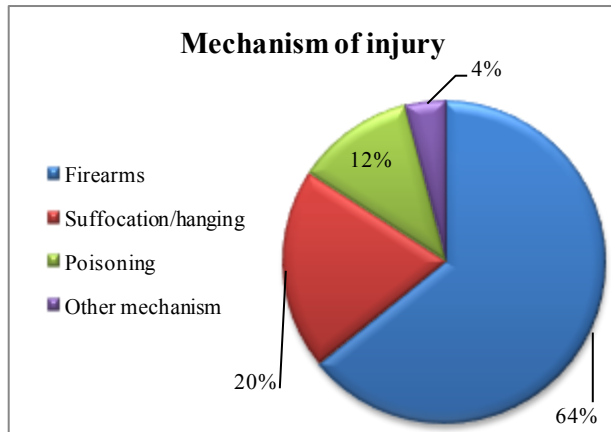
* Age-adjusted rate per 100,000 population

At least 1 but less than 5

Suppressed to prevent indirect disclosure

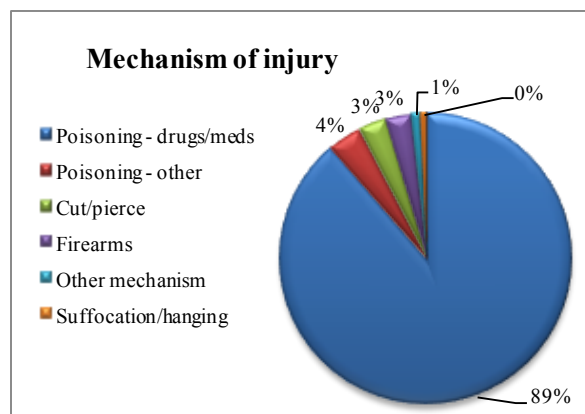
Suicide and Self-Injury- by Mechanism of Injury

Fatalities:



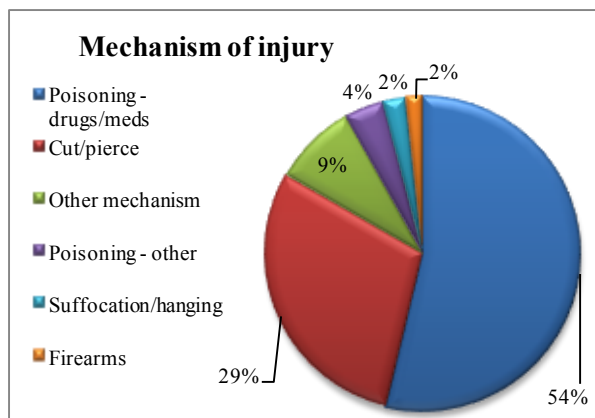
Mechanism of injury	Number
Firearms	402
Suffocation/hanging	126
Poisoning - drugs/meds	55
Poisoning - other	19
Other mechanism	25

Hospitalizations



Mechanism of injury	Number
Poisoning - drugs/meds	1,974
Poisoning - other	82
Cut/pierce	68
Firearms	62
Other mechanism	23
Suffocation/hanging	14

Emergency Dept Visits



Mechanism of injury	Number
Poisoning - drugs/meds	1,613
Cut/pierce	888
Other mechanism	259
Poisoning - other	123
Suffocation/hanging	69
Firearms	50