

KENTUCKY INJURY INDICATORS



2014

KENTUCKY VIOLENCE AND INJURY PREVENTION PROJECT (KVIPP)

COOPERATIVE AGREEMENT No: 5U17/CE002017-05

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
ATV	All-Terrain Vehicle

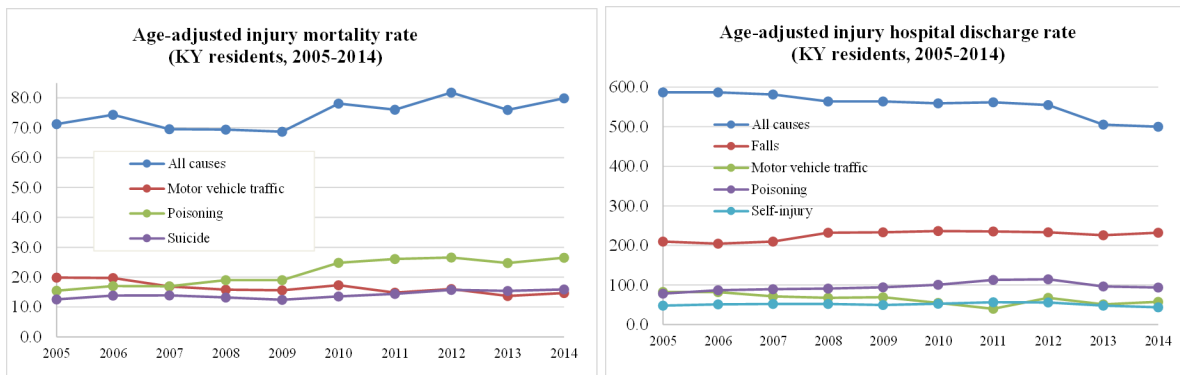
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Executive Summary

Kentucky's overall age-adjusted injury mortality rate increased by 5% in 2014 compared to 2013 (from 76.0 to 79.9 per 100,000 population). The three leading causes of injury mortality in Kentucky — drug overdose (7.3%), motor vehicle traffic crashes (7.1%) and suicide (3.2%) — all increased over 2013 levels. However, despite year-to-year fluctuations, the trend in overall injury mortality rate has been essentially flat since 2010.

The injury morbidity rate in Kentucky, as measured by hospital discharges, has been gradually but steadily declining in recent years. In 2014 this decline continued, with the age-adjusted rate of injury-related hospital discharges per 100,000 population decreasing by 5% from 505.4 in 2013 to 500.0 in 2014. Rates for poisoning (which includes drug overdoses) and self-injury decreased, whereas rates for fall- and traffic-related injuries increased.



Fatalities

The leading causes of accidental injury mortality for Kentucky residents in 2014 were *poisonings* (1,031), *motor vehicle traffic crashes* (650) and *firearms* (631). Of the 1,031 unintentional poisonings, 970 (84%), were overdoses involving prescription medications and/or illicit drugs. The leading causes of violent death were *suicide by firearm* (466), *suicide by hanging* (146), and *homicide by firearm* (138).

Hospitalizations

The leading causes of accidental injury-related hospital discharges in Kentucky in 2014 were *unintentional falls* (11,333), *motor vehicle traffic crashes* (2,584), and *poisoning* (1,505). Of the 1,505 *unintentional* poisonings, 1,431 (95%) were overdoses involving prescription medications and/or illicit drugs. The leading cause of violent injury-related hospitalization was *self-harm by poisoning* (1,720), of which 1,672 (97%) were intentional overdoses of prescription medications or illicit drugs.

Emergency Department Visits

The leading causes of accidental injury-related emergency department (ED) visits in Kentucky in 2014 were *unintentional falls* (139,695), accidentally being *struck by or against an object or person* (48,895), and *motor vehicle traffic accidents* (48,331), and overexertion (40,375). The leading cause of violent injury-related hospitalization was *assault by striking* (6,949).

Data Sources and Methods

Data sources

Three data sources were used:

1. For population: U.S. Census, “Annual estimates of the resident population by single year of age and sex for the United States, States and Puerto Rico: 2014 population estimates” file. Accessed at <http://www.census.gov/popest/data/state/asrh/2014/index.html>.
2. Kentucky Death Certificates Files, Frankfort, KY [2014]. Kentucky Department for Public Health, Cabinet for Health and Family Services (PROVISIONAL AT TIME OF REPORT).
3. Kentucky Inpatient Hospitalization and Outpatient Services Claims Files, Frankfort, KY, [2014]; Cabinet for Health and Family Services, Office of Health Policy. 2014 (PROVISIONAL AT TIME OF 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 2014 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. **Note: Counts of injury hospitalizations (e.g. drug overdose/drug poisoning) from other sources that do not exclude cases where the principal diagnosis was not an injury, may not match counts for the same type of injury listed in this report.** 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. Emergency department visits involving discharge to an inpatient facility were excluded.

Injury Fatalities

The definitions for fatal injuries used in this report correspond to the CDC’s “State Injury Indicators Report: Instructions for Preparing 2014 Data.” The underlying cause of death field in the Kentucky death certificate file was used to identify the mechanism and manner of fatal injuries. All death counts in this report include Kentucky residents only.

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 estimated number of Kentucky residents in that age group in 2014, 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

Abbreviations for “Leading Cause” by Age Group tables

MVTC – Motor vehicle traffic crash. This includes crashes that occurred on a public roadway and involved at least one motor vehicle. All persons injured in MVTCs are counted here. Bicyclists and pedestrians who were struck by a motor vehicle would be counted here, but those who crashed on a public roadway without involvement of a motor vehicle would be counted elsewhere (see “Pedal cycle” definition).

Other Trans - Transportation injuries other than MVTC. Includes motor vehicle crashes that occurred somewhere other than on a public roadway; water and air transport injuries, etc. This category only appears in the leading causes of hospitalizations and emergency department visit tables.

Other Land Transport - Includes motor vehicle crashes that occurred somewhere other than on a public roadway, rail injuries, etc. Does not include air or water injuries. This category only appears in the leading causes of death table.

Natural/Envir - Natural or environmental causes (insect bites and stings, animal bites, extreme weather, excessive heat or cold, etc.)

Other Spec - Other specified cause of injury. Includes a variety of relatively low-incidence causes of injury grouped together.

Not specified - Injuries for which an external code of injury either (a) was not specified or (b) was specified but did not indicate the mechanism or manner of injury.

NEC- Not elsewhere classified. An external cause of injury code that is intended for use when no other code exists which adequately describes the mechanism and manner of injury.

Leading Causes of Injury-Related Death Within State Border of KY Residents by Age Group, 2014												
Rank	Age Group											
	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	Total
1	Suffocation 13	2 tied #	MVTC 17	MVTC 135	Poisoning 225	Poisoning 268	Poisoning 281	Poisoning 162	Firearm 61	Fall 77	Fall 109	Poisoning 1031
2	MVTC #	2 tied #	Fire/flame 5	Poisoning 61	MVTC 101	MVTC 102	MVTC 95	Firearm 93	MVTC 53	Not Specified 51	Not Spec 109	MVTC 650
3	Suffocation #	2 tied #	Drowning #	Firearm 38	Firearm 53	Firearm 76	Firearm 94	MVTC 79	Fall 45	MVTC 40	Suffocation 25	Firearm 466
4	4 tied #	6 tied #	2 tied #	Suffocation 28	Firearm 46	Suffocation 33	Suffocation 24	Fall 25	Poisoning 24	Firearm 37	MVTC 22	Fall 291
5				Firearm 26	Suffocation 41	Firearm 27	Poisoning 22	Poisoning 19	Not Specified 17	Suffocation 18	Firearm 11	Not Specified 217
6				Other land Transport 9	Poisoning 9	Poisoning 13	Fall 22	Suffocation 17	Fire/Flame 16	Fire/Flame 9	Fire/Flame #	Suffocation 146
7				Cut/Pierce 7	Other land Transport 7	Poisoning 10	Firearm 18	Not Specified 17	Suffocation 15	Other land Transport 5	Natural/Envir #	Firearm 138
8				Drowning 6	Poisoning 6	Not Specified 9	Poisoning 14	Suffocation 15	Poisoning 7	Poisoning #		Suffocation 117
9				2 tied #	Suffocation 5	Suffocation 8	Suffocation 10	Fire/Flame 14	Suffocation 5	2 tied #		Poisoning 71
10				Fire/flame #	Not Specified 5	Fall 7	Fire/flame 9	Firearm 13	Other land Transport 5	5 tied #		Fire/Flame 69
# At least one but fewer than five.												
	Legend:	Unintentional	Undetermined	Assault	Self Harm							

Leading Causes of Injury-Related Hospital Discharges of KY Residents from Acute-Care Hospitals by Age Group, 2014*

	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 33	Falls 68	Falls 133	MVTC 490	MVTC 432	Falls 381	Falls 752	Falls 1,466	Falls 2,164	Falls 3,103	Falls 2,897	Falls 11,333
2	Other Spec 9	Poisoning 32	MVTC 87	Poisoning 294	Poisoning 345	Poisoning 374	MVTC 403	MVTC 364	MVTC 216	MVTC 149	MVTC 53	MVTC 2,584
3	Not Specified 9	Fire/Burns 21	Poisoning 47	Falls 130	Poisoning 217	MVTC 364	Poisoning 401	Poisoning 299	Poisoning 176	Poisoning 88	Poisoning 33	Poisoning 1,720
4	Not Specified 7	MVTC 20	Other Trans 45	Poisoning 102	Falls 206	Poisoning 245	Poisoning 314	Poisoning 190	Poisoning 50	Not Specified 47	Not Specified 29	Poisoning 1,505
5	Fire/Burns 6	Natural/Envir 15	Other Pedal CYC 31	Poisoning 91	Poisoning 199	Poisoning 202	Poisoning 199	Poisoning 134	Not Specified 48	Struck by/ Against 28	Other Spec 26	Poisoning 905
6	MVTC 6	Struck by/ Against 10	Struck by/ Against 28	Other Trans 90	Other Trans 53	Other Trans 70	Other Trans 75	Other Trans 73	Other Trans 47	Natural/Envir 24	Overexertion 20	Other Trans 488
7	Struck by/ Against #	Other Spec 7	Natural/Envir 25	Firearm 50	Fire/Burns 40	Natural/Envir 39	Natural/Envir 54	Natural/Envir 43	Poisoning 39	Other Trans 24	Struck by/ Against 17	Natural/Envir 305
8	Not Specified #	Not Specified 5	Fire/Burns 19	Struck by/ Against 38	Firearm 36	Struck by/ Against 37	Fire/Burns 44	Struck by/ Against 41	Natural/Envir 33	Other Spec 23	Natural/Envir 16	Struck by/ Against 300
9		Poisoning 5	Other Spec 10	Firearm 28	Natural/Envir 34	Other Spec 33	Struck by/ Against 38	Fire/Burns 36	Overexertion 27	Overexertion 23	NEC 16	Fire/Burns 252
10		Other Trans 5	Poisoning 9	Struck by/ Against 26	Struck by/ Against 34	Struck by/ Against 32	Struck by/ Against 37	Other Spec 32	Struck by/ Against 27	Poisoning 18	Fire/Burns 8	Other Spec 234

* Counts less than five are not included in this matrix

	Legend:	Unintentional	Undeter- mined	Assault	Self Harm							
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Leading Causes of Injury-Related Emergency Department Visits of KY Residents By Age Group 2014													
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 1,843	Falls 11,637	Falls 17,592	Fall 12,756	Falls 14,543	Falls 15,362	Falls 17,150	Falls 15,160	Falls 12,717	Falls 12,070	Falls 8,865	Falls 139,695	
2	Struck by/ Against 377	Struck by/ Against 3,630	Struck by/ Against 11,433	MVTC 12,449	MVTC 10,154	Overexertion 7,665	MVTC 6,320	MVTC 4,180	MVTC 2,090	MVTC 892	Struck by/ Against 422	Struck by/ Against 48,895	
3	MVTC 296	Natural/Envir 2,813	Overexertion 4,325	Struck by/ Against 10,649	Overexertion 8,608	MVTC 7,566	Overexertion 5,664	Overexertion 2,899	Struck by/ Against 1,456	Struck by/ Against 825	Not Specified 308	MVTC 48,331	
4	Natural/Envir 295	Other Spec 2,397	Natural/Envir 4,054	Overexertion 8,202	Struck by/ Against 7,646	Struck by/ Against 5,699	Struck by/ Against 4,193	Struck by/ Against 2,556	Overexertion 1,433	Overexertion 607	MVTC 224	Overexertion 40,375	
5	Poisoning 258	Cut/Pierce 1,361	Cut/Pierce 3,929	Cut/Pierce 5,520	Cut/Pierce 5,530	Cut/Pierce 4,246	Cut/Pierce 3,336	Cut/Pierce 2,473	Cut/Pierce 1,346	Cut/Pierce 591	Overexertion 218	Cut/Pierce 28,578	
6	Other Spec 210	Poisoning 1,340	MVTC 3,102	Natural/Envir 3,475	Not Specified 3,689	Not Specified 3,272	Not Specified 2,684	Not Specified 1,703	Not Specified 992	Not Specified 559	Other Spec 192	Natural/Envir 22,120	
7	Not specified 152	MVTC 1,058	Other Spec 2,764	Not Specified 3,164	Natural/Envir 3,140	Natural/Envir 2,647	Natural/Envir 2,467	Natural/Envir 1,700	Natural/Envir 975	Natural/Envir 433	Cut/Pierce 174	Not Specified 19,546	
8	Fire/Burns 100	Not Specified 1,037	Other Pedal Cyc 2,141	Other Spec 2,775	Other Spec 2,914	Other Spec 2,373	Other Spec 1,842	Other Spec 1,187	Other Spec 640	Other Spec 389	Natural/Envir 121	Other Spec 17,683	
9	Cut/Pierce 72	Overexertion 707	Not Specified 1,986	Struck by/ Against 2,000	Struck by/ Against 1,860	Struck by/ Against 1,252	Struck by/ Against 910	NEC 553	Poisoning 302	Poisoning 198	NEC 84	Poisoning 7,707	
10	Overexertion 47	Fire/Burn 702	Other Trans 1,194	Other Trans 1,741	NEC 1,263	NEC 1,084	Fire/Burn 825	Poisoning 472	NEC 285	NEC 172	Poisoning 61	NEC 7,072	
* Counts less than five are not included in this matrix													
	Legend:	Unintentional	Undeter- mined	Assault	Self Harm								

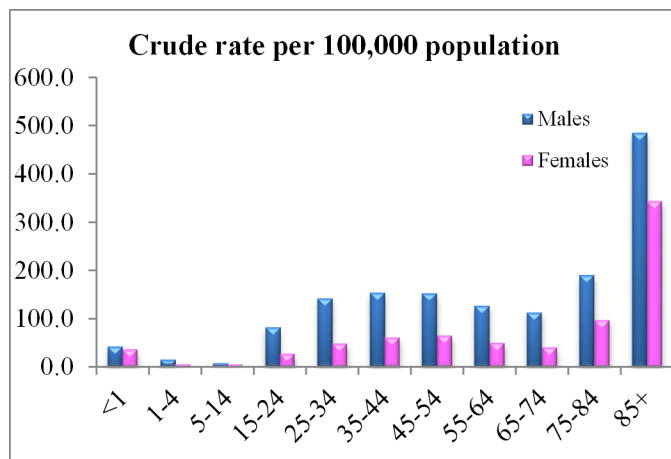
All injuries - by Age and Sex

Fatalities:

Total: 3,590 (79.9*)

Males: 2,436 (113.4*)

Females: 1,154 (48.2*)



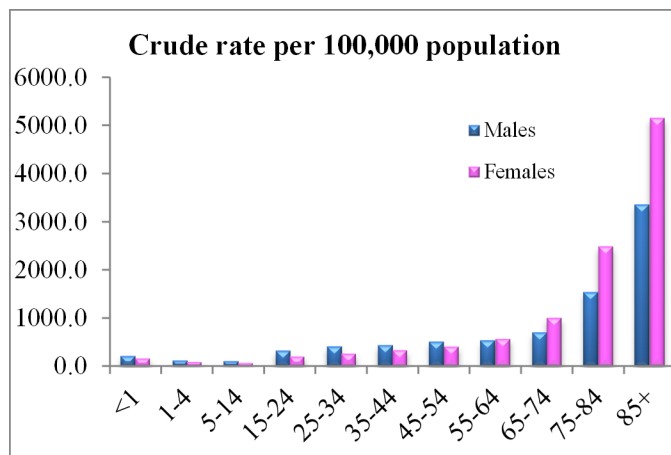
Age	Males	Females
<1	12	10
1-4	17	7
5-14	22	17
15-24	254	82
25-34	405	139
35-44	432	174
45-54	460	204
55-64	354	151
65-74	204	85
75-84	156	109
85+	120	176

Hospitalizations

Total: 23,435 (500*)

Males: 10,290 (480*)

Females: 13,145 (503*)



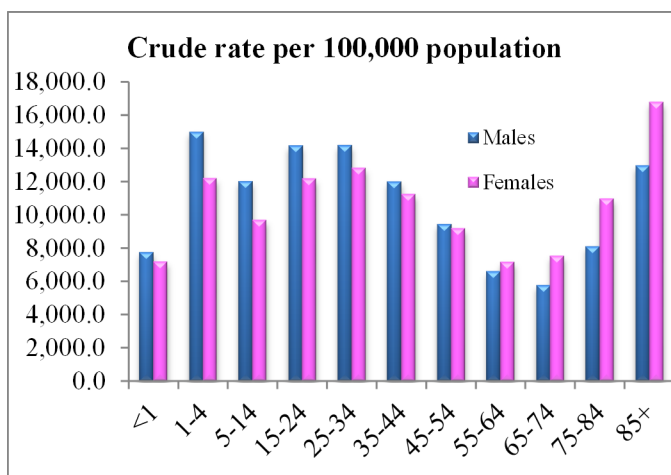
Age	Males	Females
<1	60	46
1-4	136	99
5-14	303	202
15-24	997	612
25-34	1,174	752
35-44	1,229	951
45-54	1,541	1,279
55-64	1,491	1,724
65-74	1,265	2,067
75-84	1,263	2,774
85+	831	2,639

Emergency Dept Visits

Total: 470,643 (10,985*)

Males: 239,196 (11,330*)

Females: 231,413 (10,568*)

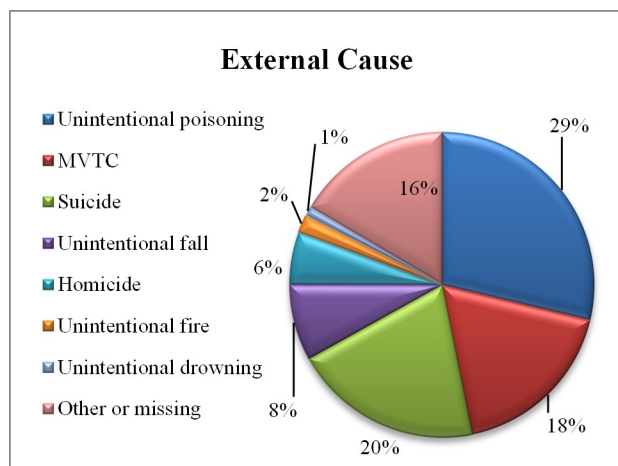


Age	Males	Females
<1	2,193	1,930
1-4	17,060	13,127
5-14	34,807	26,832
15-24	43,744	35,634
25-34	40,424	36,072
35-44	33,770	31,547
45-54	28,461	28,483
55-64	18,447	21,509
65-74	10,438	15,453
75-84	6,645	12,236
85+	3,207	8,590

* Age-adjusted rate per 100,000 population # At least 1 but less than 5

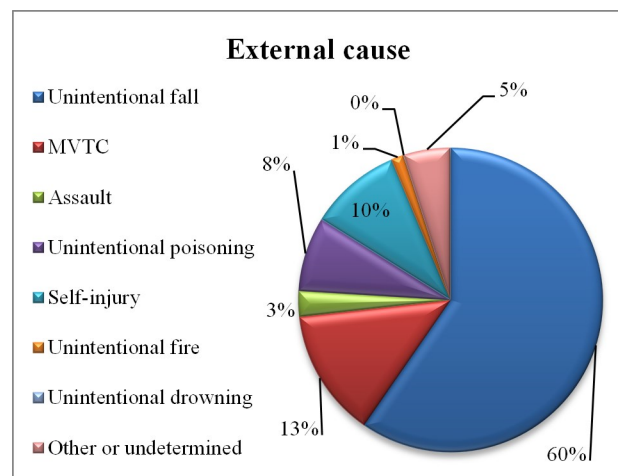
All injuries - by External Cause

Fatalities



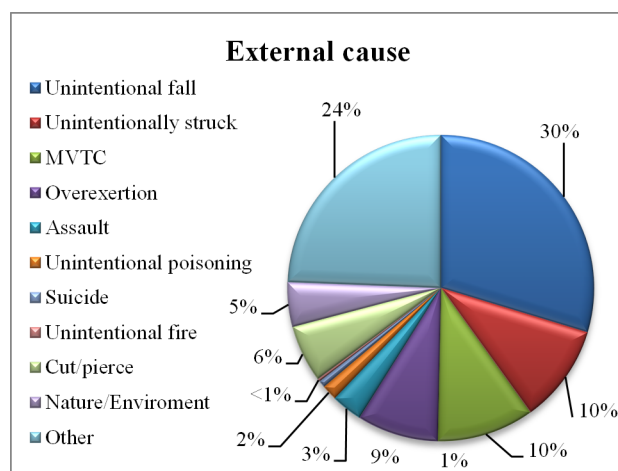
External cause	Number
Unintentional poisoning	1031
MVTC	650
Suicide	722
Unintentional fall	291
Homicide	199
Unintentional fire	69
Unintentional drowning	35
Other or missing	593

Hospitalizations



External cause	Number
Unintentional fall	11,333
Motor vehicle traffic crash	2,584
Assault	519
Unintentional poisoning	1,505
Self-injury	1,861
Unintentional fire	111
Unintentional drowning	8
Other or missing E-code	5,514

Emergency Dept Visits



External cause	Number
Unintentional fall	139,695
Unintentionally struck by/against	48,895
Motor vehicle traffic crash	48,331
Overexertion	40,375
Assault	15,403
Unintentional poisoning	7,707
Suicide	3,449
Unintentional fire	1,345
Cut/pierce	28,578
Nature/Environment	22,120
Other or missing E-code	114,745

At least 1 but less than 5

Suppressed to prevent indirect disclosure

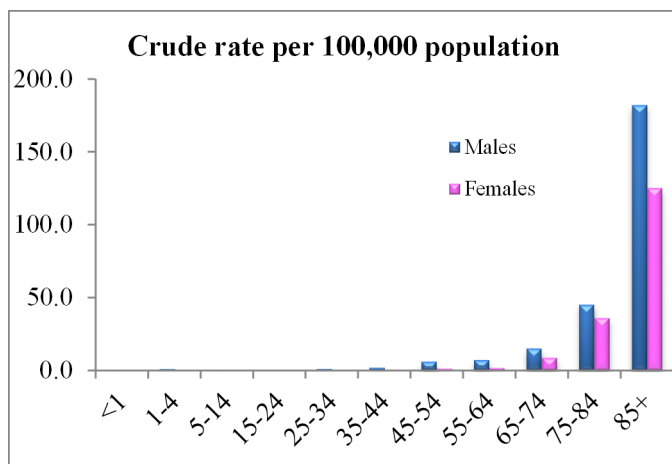
Unintentional Falls - by Age and Sex

Fatalities

Total: 291 (6.0*)

Males: 157 (7.8*)

Females: 134 (4.6*)



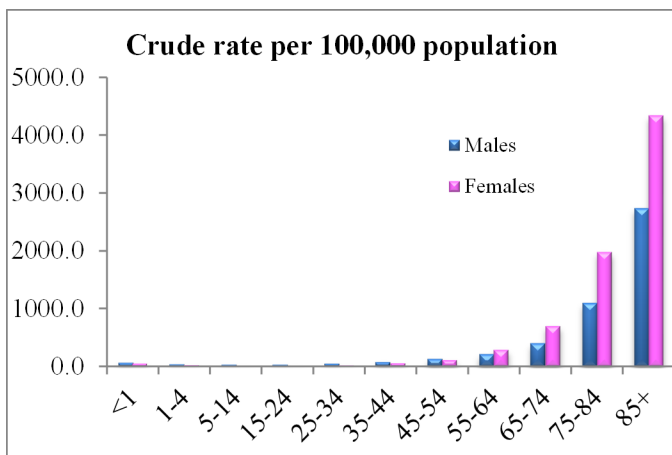
Age	Males	Females
<1	0	0
1-4	#	0
5-14	0	0
15-24	#	0
25-34	#	#
35-44	5	#
45-54	18	#
55-64	20	5
65-74	27	18
75-84	37	40
85+	45	64

Hospitalizations

Total: 11,333 (231.9*)

Males: 3,860 (183.9*)

Females: 7,473 (263.7*)



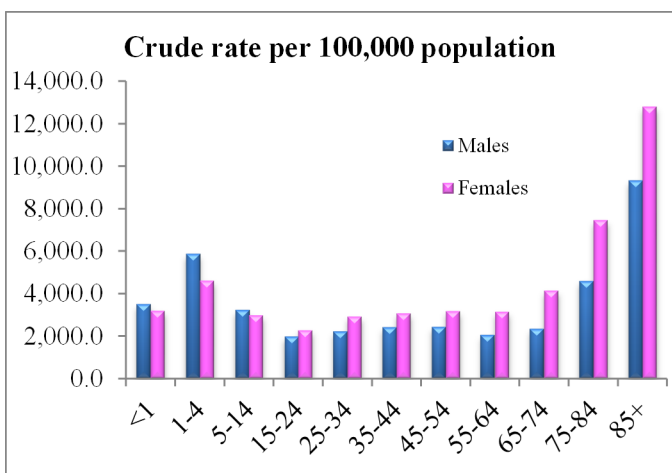
Age	Males	Females
<1	18	15
1-4	39	29
5-14	88	45
15-24	88	42
25-34	135	71
35-44	213	168
45-54	390	362
55-64	591	875
65-74	722	1,442
75-84	899	2,204
85+	677	2,220

Emergency Department Visits

Total: 139,695 (3,164*)

Males: 59,534 (2,822*)

Females: 80,153 (3,455*)

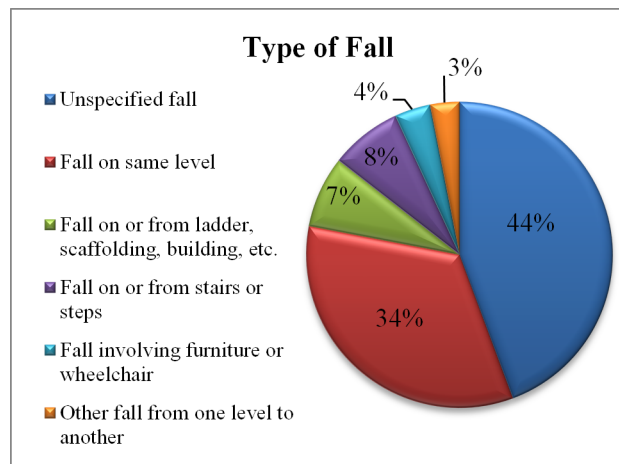


Age	Males	Females
<1	988	855
1-4	6,672	4,962
5-14	9,327	8,264
15-24	6,122	6,634
25-34	6,313	8,230
35-44	6,772	8,590
45-54	7,320	9,828
55-64	5,721	9,439
65-74	4,226	8,491
75-84	3,767	8,302
85+	2,306	6,558

* Age-adjusted rate per 100,000 population # At least 1 but less than 5

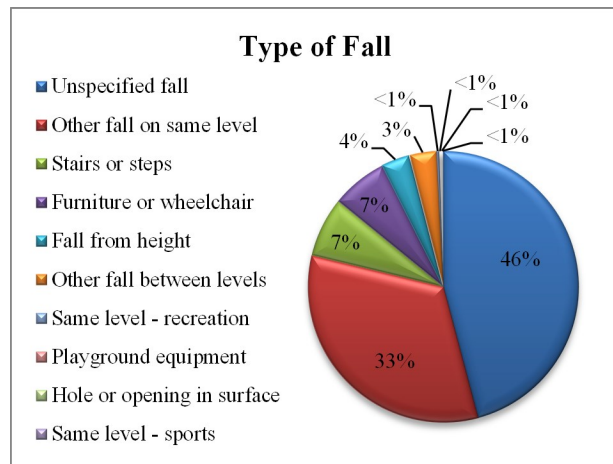
Unintentional Falls - by Type of Fall

Fatalities:



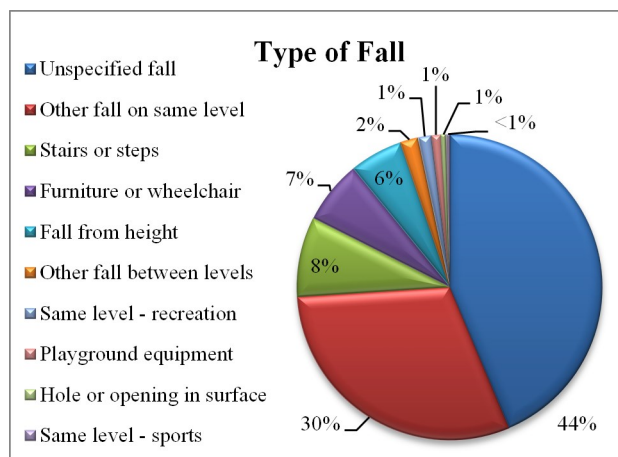
Type of fall	Number
Unspecified fall	129
Fall on same level	98
Fall on or from ladder, scaffolding, building, tree or cliff	22
Fall on or from stairs or steps	22
Fall involving furniture or wheelchair	11
Other fall from one level to another	9

Hospitalizations



Type of fall	Number
Unspecified fall	5,200
Other fall on same level	3,723
Stairs or steps	807
Furniture or wheelchair	762
Fall from height	384
Other fall from one level to another	366
Same level - other recreation	36
Playground equipment	28
Hole or opening in surface	22
Same level - sports	5

Emergency Dept Visits



Type of fall	Number
Unspecified fall	60,967
Other fall on same level	42,380
Stairs or steps	11,822
Furniture or wheelchair	9,325
Fall from height	7,922
Other fall from one level to another	2,649
Same level - other recreation	1,902
Playground equipment	1,452
Hole or opening in surface	763
Same level - sports	513

At least 1 but less than 5

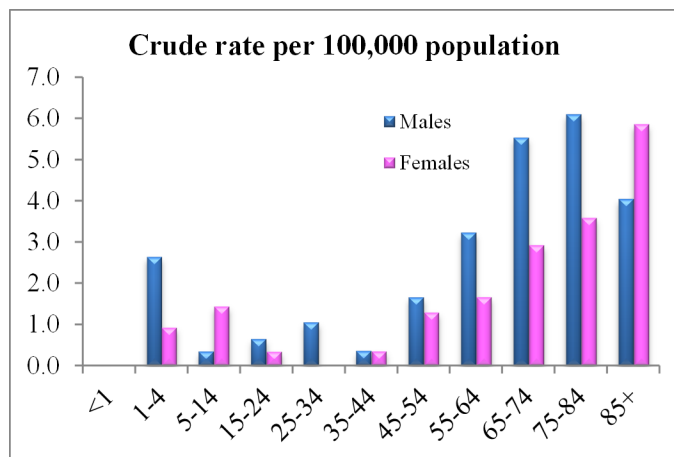
Unintentional Fire-Related Injuries - by Age and Sex

Fatalities

Total: 69 (1.4*)

Males: 40 (1.7*)

Females: 29 (1.1*)



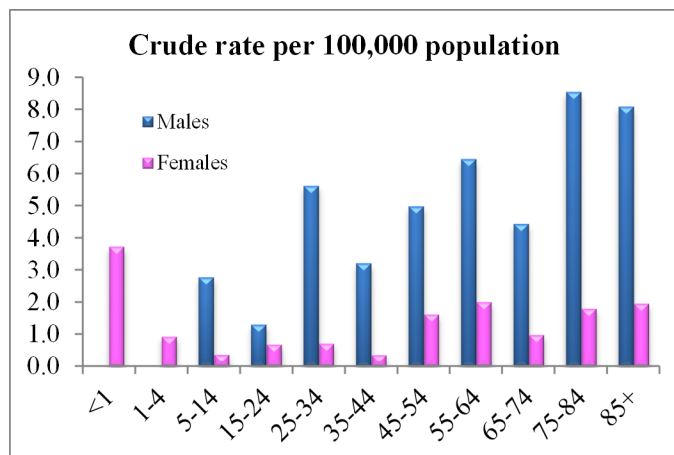
Age	Males	Females
<1	0	0
1-4	#	#
5-14	#	#
15-24	#	#
25-34	#	0
35-44	#	#
45-54	5	#
55-64	9	5
65-74	10	6
75-84	5	#
85+	#	#

Hospitalizations

Total: 111 (2.4*)

Males: 87 (3.9*)

Females: 24 (1.0*)



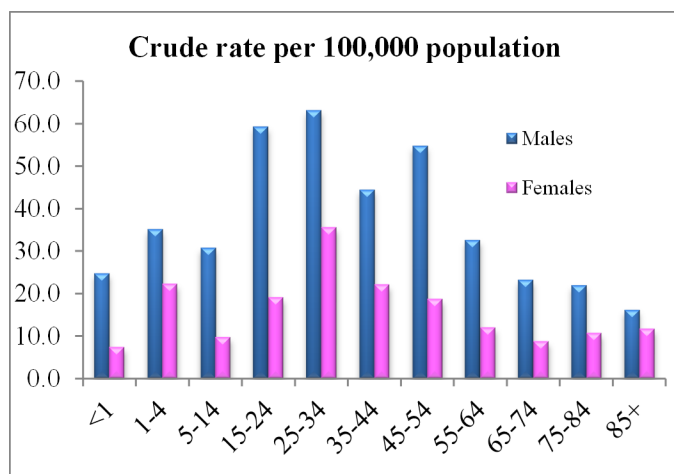
Age	Males	Females
<1	0	#
1-4	0	#
5-14	8	#
15-24	#	#
25-34	16	#
35-44	9	#
45-54	15	5
55-64	18	6
65-74	8	#
75-84	7	#
85+	#	#

Emergency Department Visits

Total: 1,345 (31.2*)

Males: 944 (43.8*)

Females: 401 (18.7*)

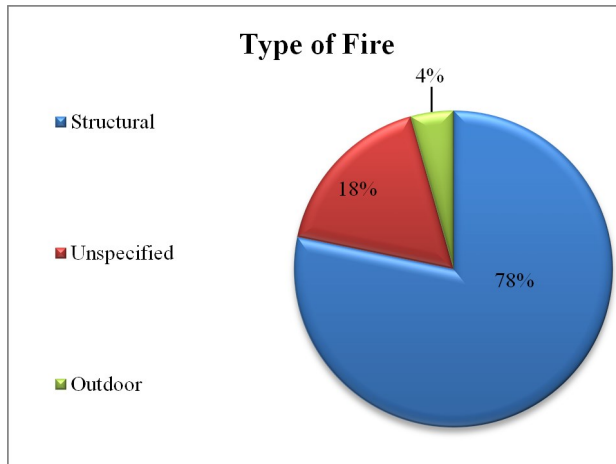


Age	Males	Females
<1	##	#
1-4	40	24
5-14	89	27
15-24	183	56
25-34	180	100
35-44	125	62
45-54	165	58
55-64	91	36
65-74	42	18
75-84	18	12
85+	#	##

* Age-adjusted rate per 100,000 population # At least 1 but less than 5 ## Suppressed to prevent indirect disclosure

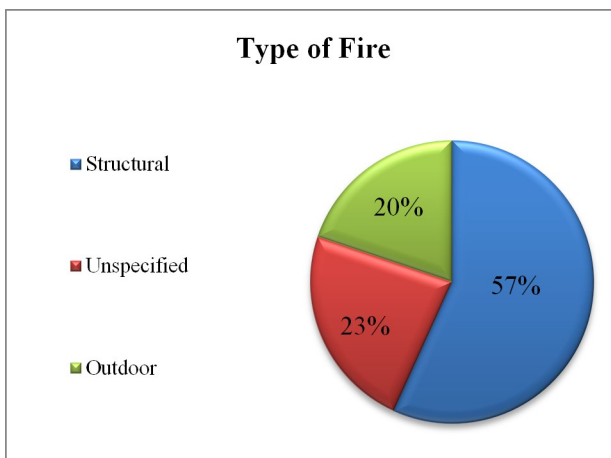
Unintentional Fire-Related Injuries- by Type of Fire

Fatalities:



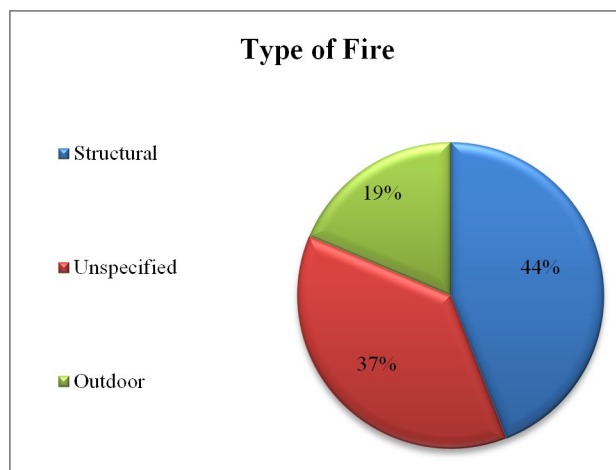
Type of fire	Number
Structural	54
Unspecified	##
Outdoor	#

Hospitalizations



Type of fire	Number
Structural	63
Unspecified	26
Outdoor	22

Emergency Dept Visits



Type of fire	Number
Structural	593
Unspecified	501
Outdoor	251

At least 1 but less than 5

Suppressed to prevent indirect disclosure

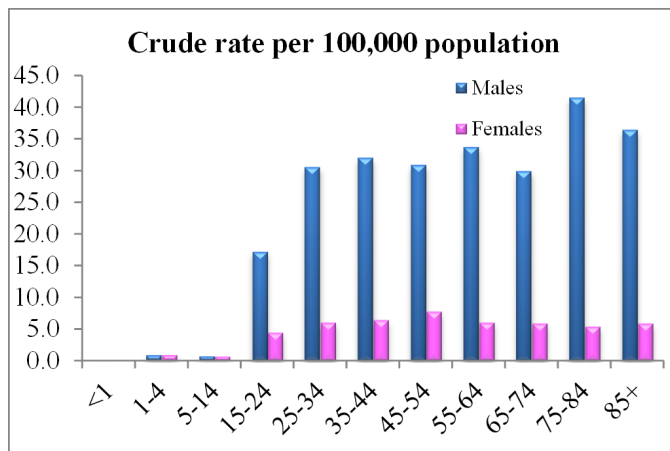
Firearm-Related Injuries - by Age and Sex

Fatalities

Total: 631 (13.9*)

Males: 517 (23.4*)

Females: 114 (4.9*)



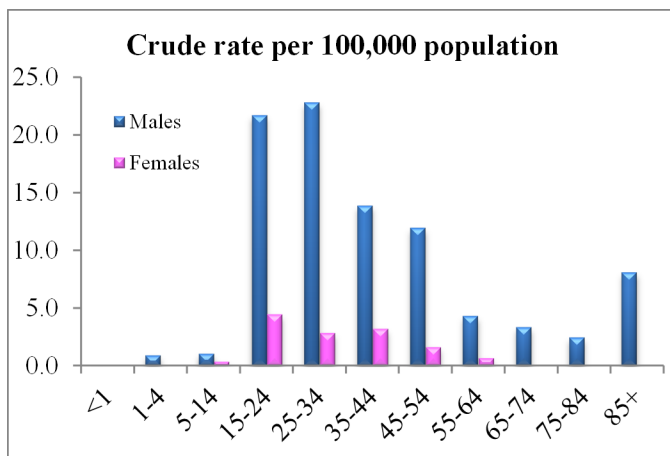
Age	Males	Females
<1	0	0
1-4	#	#
5-14	#	#
15-24	53	13
25-34	87	17
35-44	90	18
45-54	93	24
55-64	94	18
65-74	54	12
75-84	34	6
85+	9	#

Hospitalizations

Total: 271 (6.4*)

Males: 233 (11.0*)

Females: 38 (1.9*)



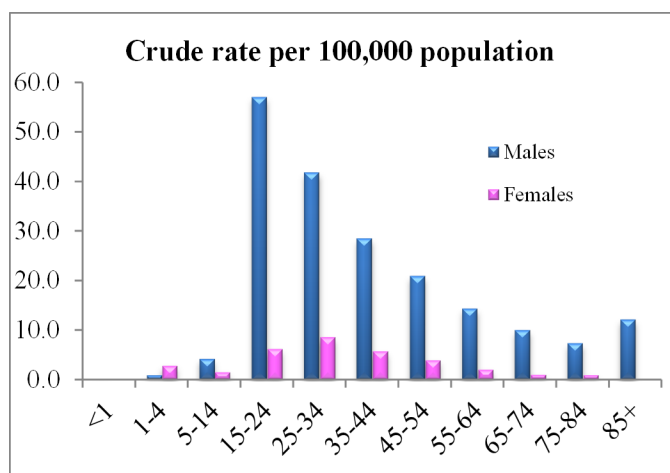
Age	Males	Females
<1	0	0
1-4	#	0
5-14	#	#
15-24	67	13
25-34	65	8
35-44	39	9
45-54	36	5
55-64	12	#
65-74	6	0
75-84	#	0
85+	#	0

Emergency Department Visits

Total: 605 (14.1*)

Males: 518 (24.1*)

Females: 86 (4.1*)

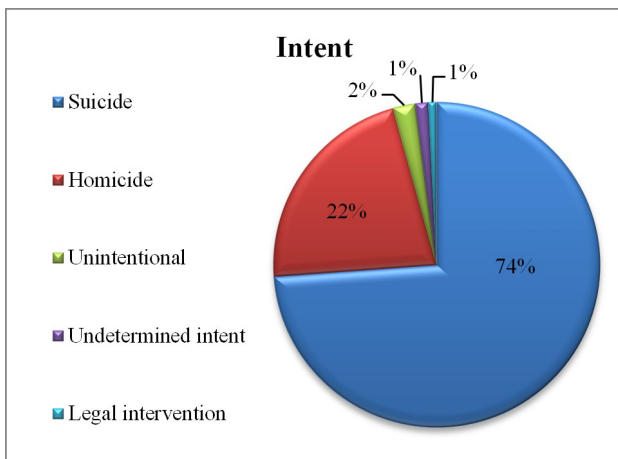


Age	Males	Females
<1	0	0
1-4	#	#
5-14	12	#
15-24	176	18
25-34	119	24
35-44	80	16
45-54	63	12
55-64	40	6
65-74	18	#
75-84	6	#
85+	#	0

* Age-adjusted rate per 100,000 population # At least 1 but less than 5

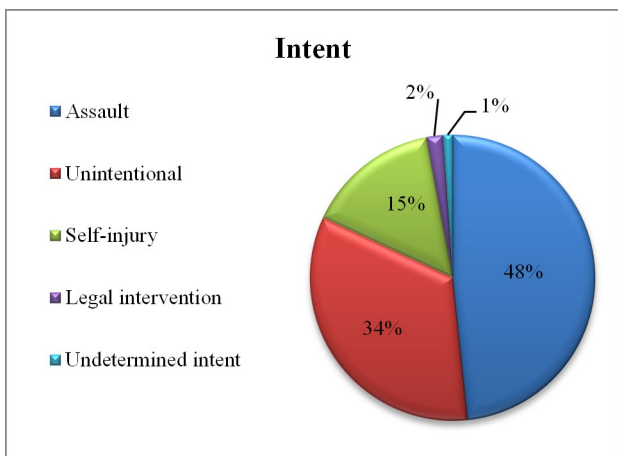
Firearm-Related Injuries - by Intent

Fatalities:



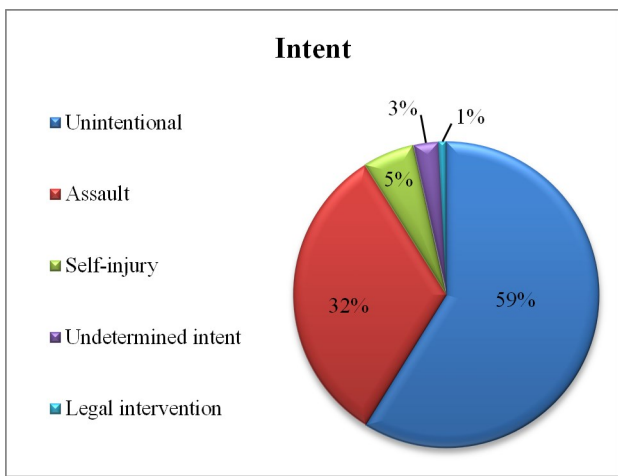
Intent	Number
Suicide	466
Homicide	138
Unintentional	14
Undetermined intent	8
Legal intervention	5

Hospitalizations



Intent	Number
Assault	131
Unintentional	91
Self-injury	41
Legal intervention	##
Undetermined intent	#

Emergency Dept Visits



Intent	Number
Unintentional	356
Assault	195
Self-injury	33
Undetermined intent	16
Legal intervention	5

At least 1 but less than 5

Suppressed to prevent indirect disclosure

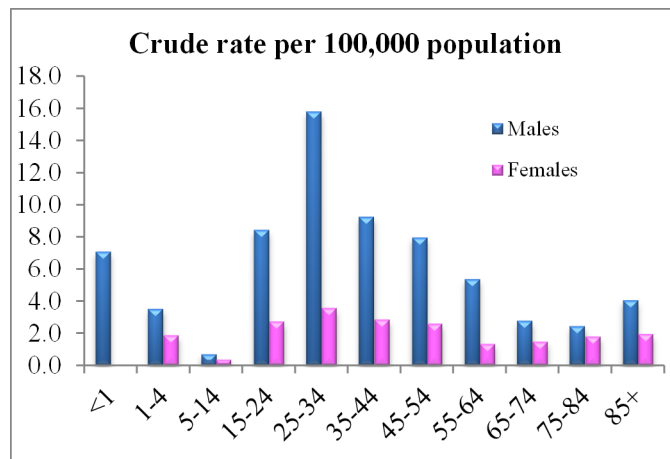
Homicide and Assault - by Age and Sex

Fatalities

Total: 199 (4.6*)

Males: 152 (7.1*)

Females: 47 (2.2*)



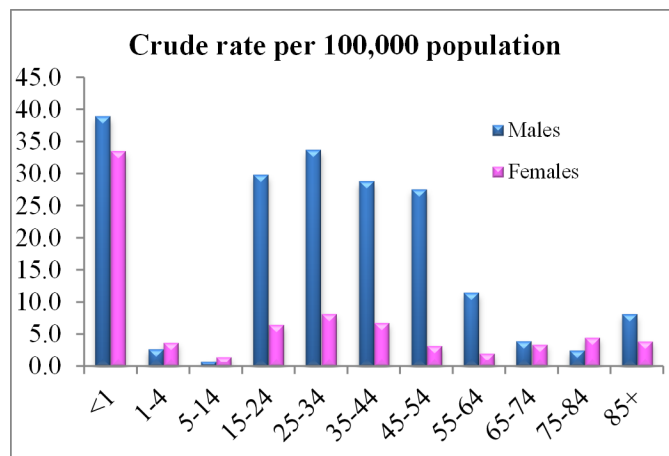
Age	Males	Females
<1	#	0
1-4	#	#
5-14	#	#
15-24	26	8
25-34	45	10
35-44	26	8
45-54	24	8
55-64	15	#
65-74	5	#
75-84	#	#
85+	#	#

Hospitalizations

Total: 519 (12.3*)

Males: 411 (19.4*)

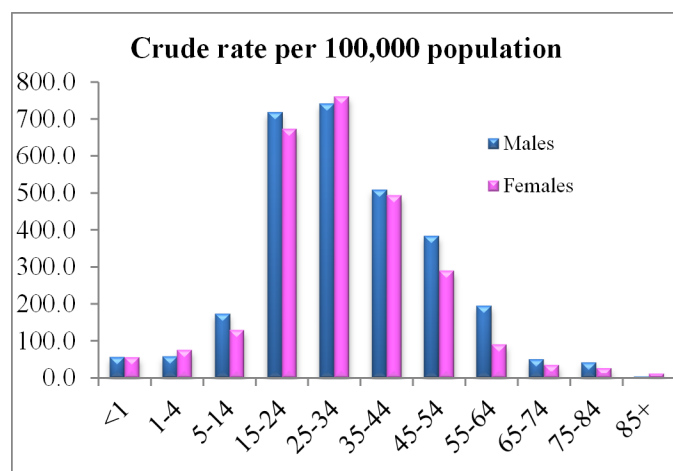
Females: 108 (5.1*)



Age	Males	Females
<1	11	9
1-4	#	#
5-14	#	#
15-24	92	19
25-34	96	23
35-44	81	19
45-54	83	10
55-64	32	6
65-74	7	7
75-84	#	5
85+	#	#

Emergency Department Visits

Total: 15,403 (368.8*) Males: 8,174 (386.4*) Females: 7,227 (351.5*)

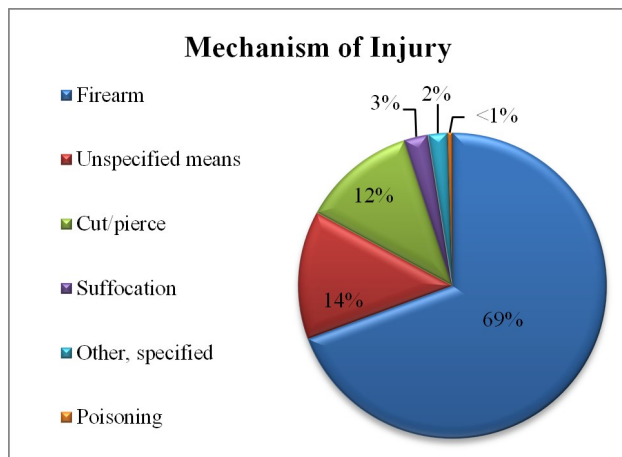


Age	Males	Females
<1	##	15
1-4	66	82
5-14	503	360
15-24	2218	1,968
25-34	2112	2,137
35-44	1431	1,384
45-54	1157	899
55-64	545	273
65-74	91	73
75-84	34	30
85+	#	6

* Age-adjusted rate per 100,000 population # At least 1 but less than 5 ## Suppressed to prevent indirect disclosure

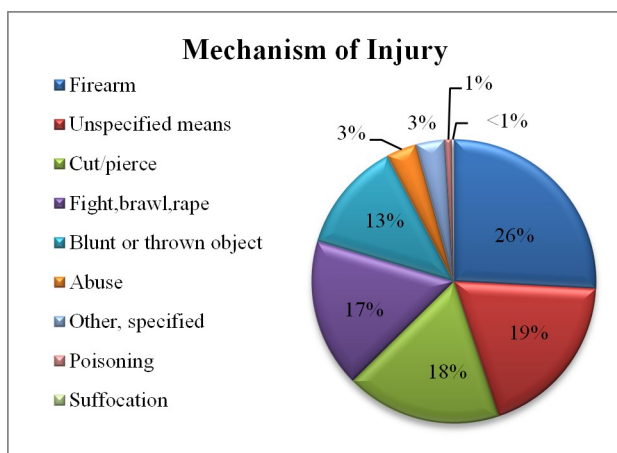
Homicide and Assault - by Mechanism of Injury

Fatalities:



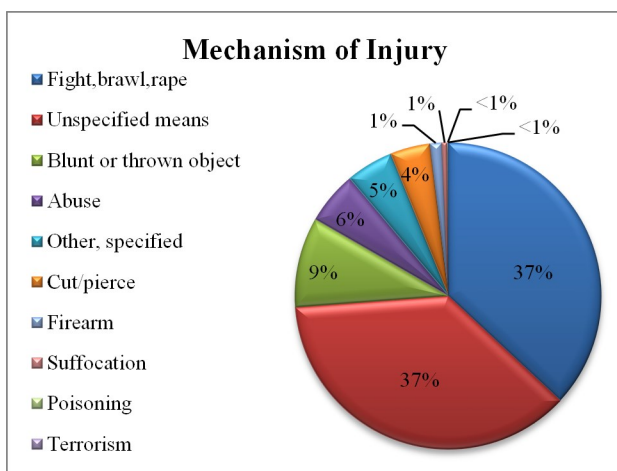
Mechanism of injury	Number
Firearm	138
Unspecified means	27
Cut/pierce	24
Suffocation	5
Other, specified	#
Poisoning	#

Hospitalizations



Mechanism of injury	Number
Firearm	134
Unspecified means	99
Cut/pierce	92
Fight, brawl, rape	88
Blunt or thrown object	66
Abuse	18
Other, specified	17
Poisoning	#
Suffocation	#

Emergency Dept Visits



Mechanism of injury	Number
Fight, brawl, rape	5,691
Unspecified means	5,680
Blunt or thrown object	1,462
Abuse	859
Other, specified	765
Cut/pierce	648
Firearm	198
Suffocation	90
Poisoning	##
Terrorism	#

At least 1 but less than 5

Suppressed to prevent indirect disclosure

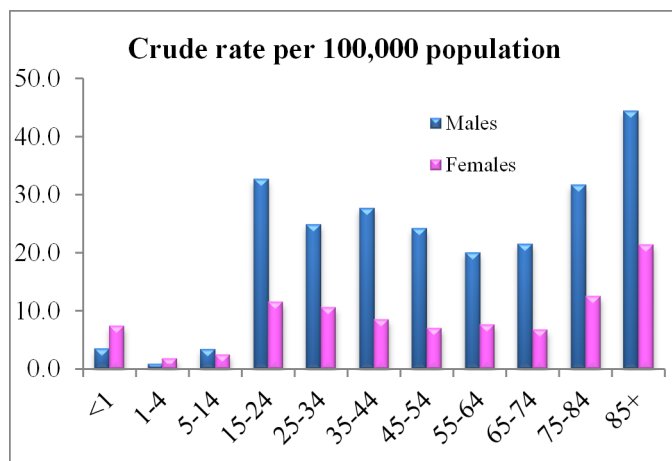
Motor Vehicle Traffic Crashes - by Age and Sex

Fatalities

Total: 650 (14.7*)

Males: 467 (21.6*)

Females: 183 (8.0*)



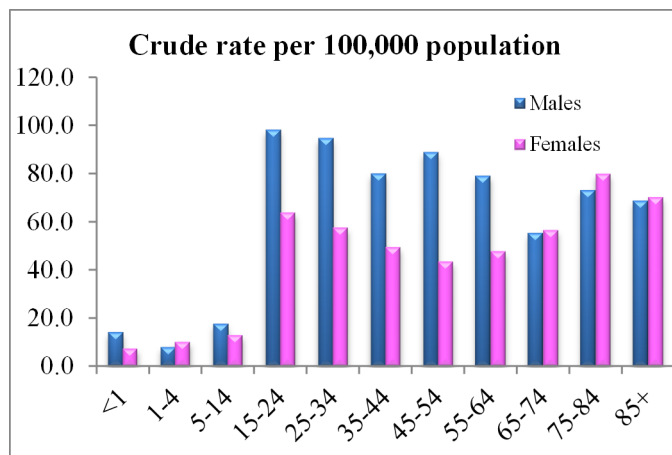
Age	Males	Females
<1	#	#
1-4	#	#
5-14	10	7
15-24	101	34
25-34	71	30
35-44	78	24
45-54	73	22
55-64	56	23
65-74	39	14
75-84	26	14
85+	11	11

Hospitalizations

Total: 2,584 (57.7*)

Males: 1,528 (69.6*)

Females: 1,056 (45.8*)



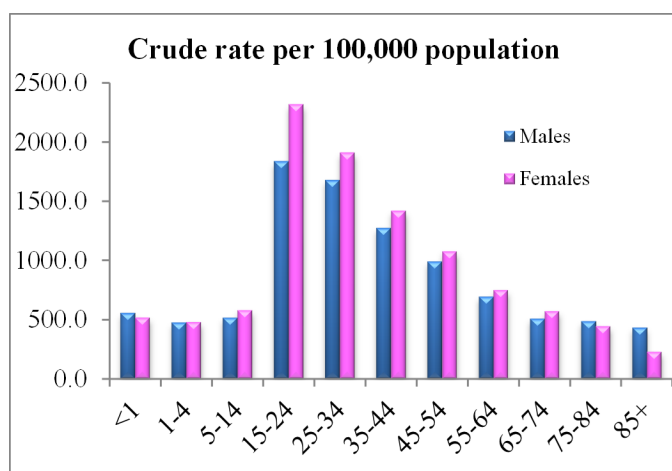
Age	Males	Females
<1	#	#
1-4	##	##
5-14	51	36
15-24	303	187
25-34	270	162
35-44	225	139
45-54	268	135
55-64	221	143
65-74	100	116
75-84	60	89
85+	17	36

Emergency Department Visits

Total: 48,331 (1,127.1*)

Males: 22,588 (1,055.9*)

Females: 25,740 (1,201.2*)

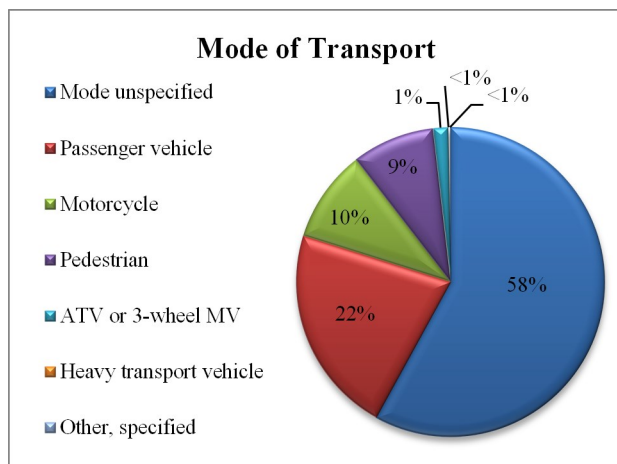


Age	Males	Females
<1	157	139
1-4	540	517
5-14	1,497	1,605
15-24	5,671	6,777
25-34	4,785	5,369
35-44	3,586	3,979
45-54	2,988	3,332
55-64	1,940	2,240
65-74	919	1,171
75-84	398	494
85+	107	117

* Age-adjusted rate per 100,000 population # At least 1 but less than 5 ## Suppressed to prevent indirect disclosure

Motor Vehicle Traffic Crashes- by Mode of Transport

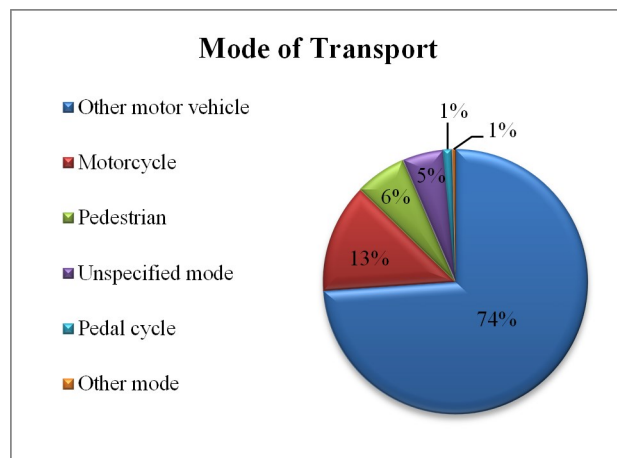
Fatalities:



Mode of transport	Number
Mode unspecified	377
Passenger vehicle	142
Motorcycle	63
Pedestrian	56
ATV or 3-wheel MV	10
Heavy transport vehicle	#
Other, specified	#

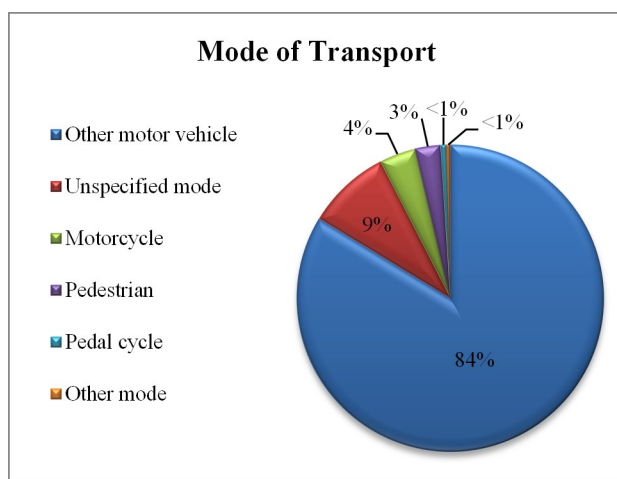
Notes: "Other, specified" includes persons whose mode of transport was an animal, animal-drawn vehicle, railway train, railway vehicle, streetcar, special vehicle mainly used on industrial premises, or special construction vehicle.

Hospitalizations



Mode of transport	Number
Other motor vehicle	1,910
Motorcycle	345
Pedestrian	162
Unspecified mode	129
Pedal cycle	28
Other mode	10

Emergency Dept Visits



Mode of transport	Number
Other motor vehicle	40,439
Unspecified mode	4,242
Motorcycle	1,880
Pedestrian	1,282
Pedal cycle	293
Other mode	195

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.

At least 1 but less than 5

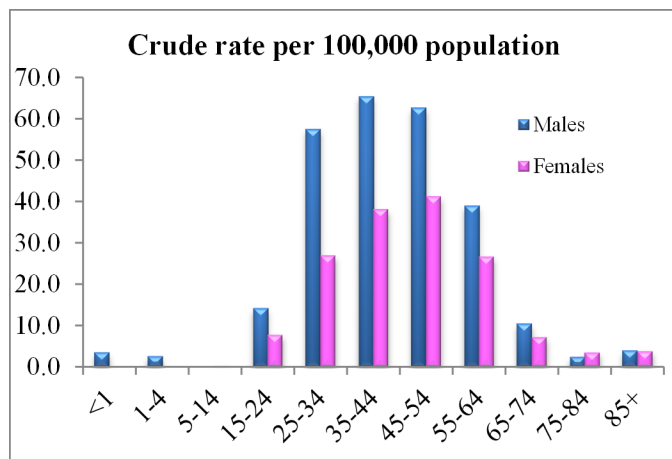
Poisoning - by Age and Sex

Fatalities

Total: 1,152 (26.5*)

Males: 716 (33.4*)

Females: 436 (19.6*)



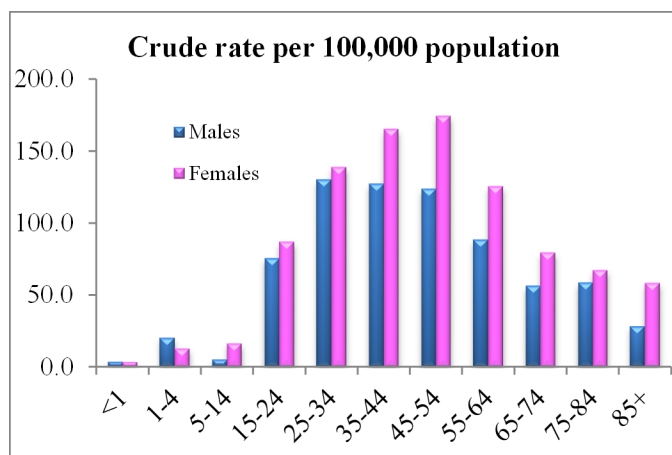
Age	Males	Females
<1	#	0
1-4	#	0
5-14	0	#
15-24	44	23
25-34	164	76
35-44	184	107
45-54	189	128
55-64	109	80
65-74	19	15
75-84	#	#
85+	#	#

Hospitalizations

Total: 4,134 (93.6*)

Males: 1,778 (82.0*)

Females: 2,356 (104.8*)



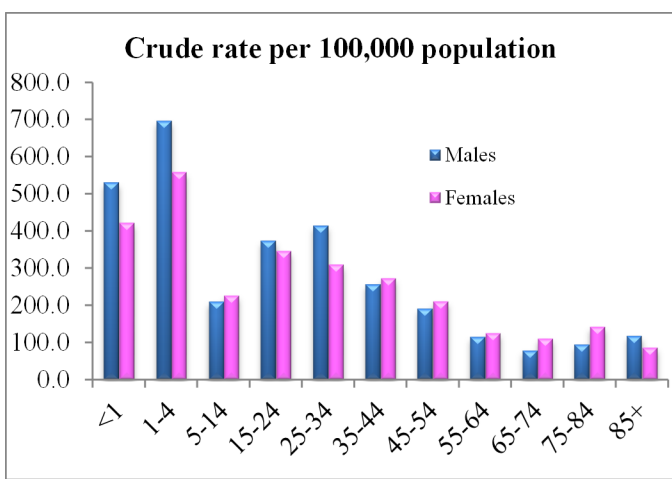
Age	Males	Females
<1	#	#
1-4	23	##
5-14	15	46
15-24	233	255
25-34	371	391
35-44	358	464
45-54	373	541
55-64	247	376
65-74	102	163
75-84	48	75
85+	##	30

Emergency Department Visits

Total: 11,183 (266.0*)

Males: 5,748 (273.2*)

Females: 5,435 (258.1*)

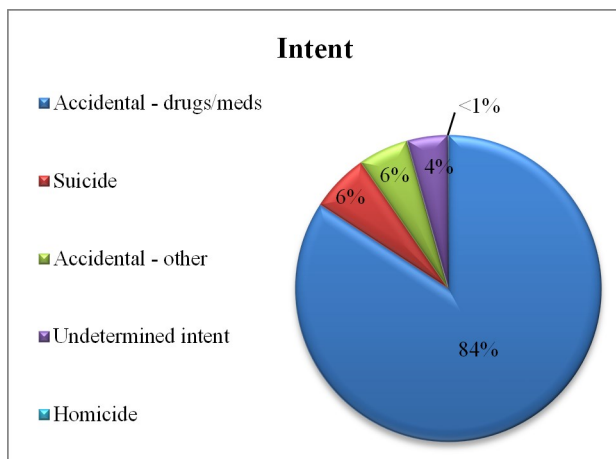


Age	Males	Females
<1	150	113
1-4	792	600
5-14	607	624
15-24	1,152	1,011
25-34	1,181	871
35-44	722	764
45-54	575	652
55-64	322	373
65-74	141	225
75-84	77	158
85+	29	44

* Age-adjusted rate per 100,000 population # At least 1 but less than 5 ## Suppressed to prevent indirect disclosure

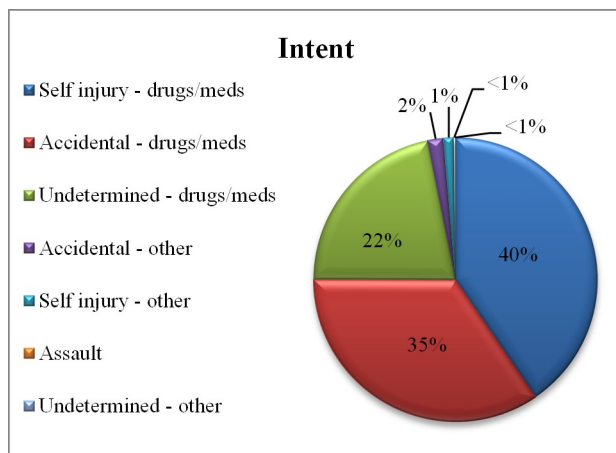
Poisoning- by Intent

Fatalities:



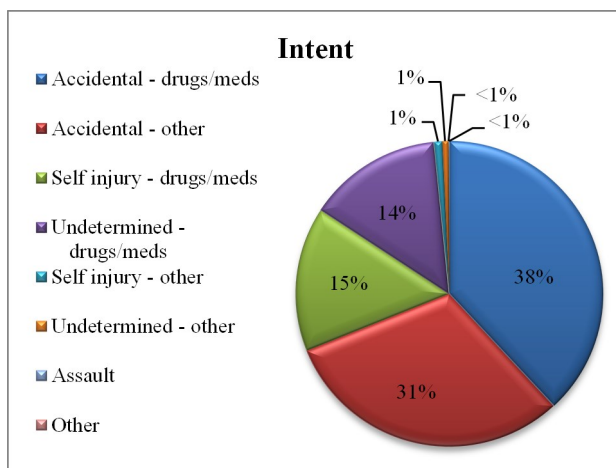
Intent	Number
Accidental - drugs/meds	970
Suicide	71
Accidental - other	61
Undetermined intent	##
Homicide	#

Hospitalizations



Intent	Number
Self injury - drugs/meds	1,672
Accidental - drugs/meds	1,431
Undetermined - drugs/meds	901
Accidental - other	74
Self injury - other	48
Assault	#
Undetermined - other	#

Emergency Dept Visits



Intent	Number
Accidental - drugs/meds	4,261
Accidental - other	3,446
Self injury - drugs/meds	1,714
Undetermined - drugs/meds	1,584
Self injury - other	96
Undetermined - other	72
Assault	##
Other	#

At least 1 but less than 5 ## Suppressed to prevent indirect disclosure

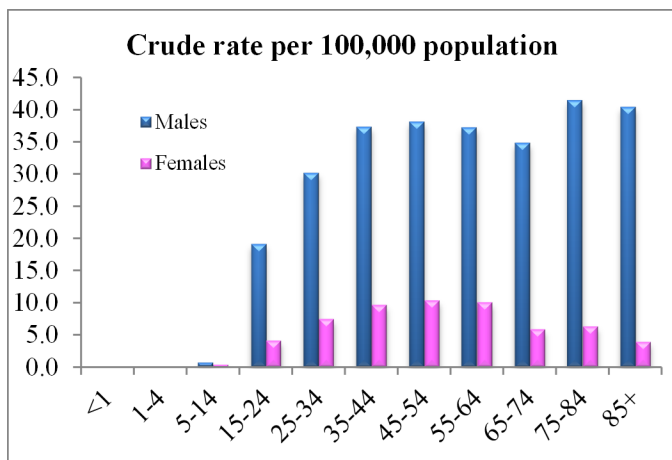
Suicide and Self-Injury - by Age and Sex

Fatalities

Total: 722 (15.9*)

Males: 578 (26.1*)

Females: 144 (6.2*)



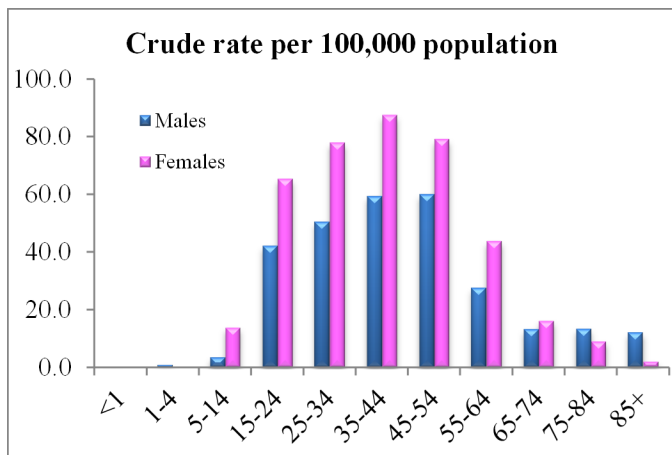
Age	Males	Females
<1	0	0
1-4	0	0
5-14	#	#
15-24	59	12
25-34	86	21
35-44	105	27
45-54	115	32
55-64	104	30
65-74	63	12
75-84	34	7
85+	##	#

Hospitalizations

Total: 1,861 (43.4*)

Males: 748 (35.1*)

Females: 1,113 (51.8*)



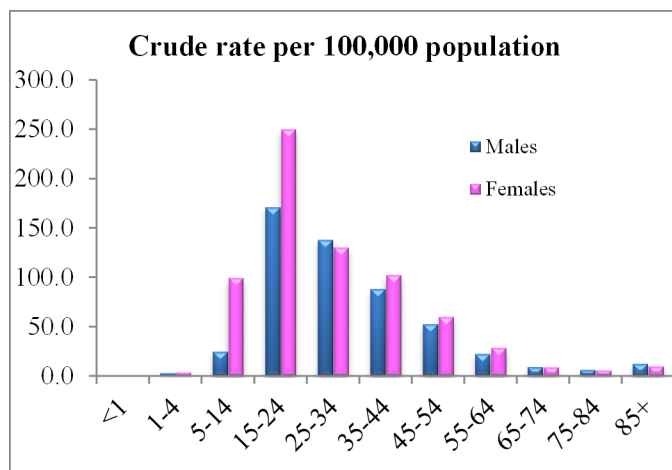
Age	Males	Females
<1	0	0
1-4	#	0
5-14	10	##
15-24	130	191
25-34	144	219
35-44	167	245
45-54	181	245
55-64	77	131
65-74	24	33
75-84	11	10
85+	#	#

Emergency Department Visits

Total: 3,449 (82.6*)

Males: 1,485 (70.5*)

Females: 1,963 (95.2*)

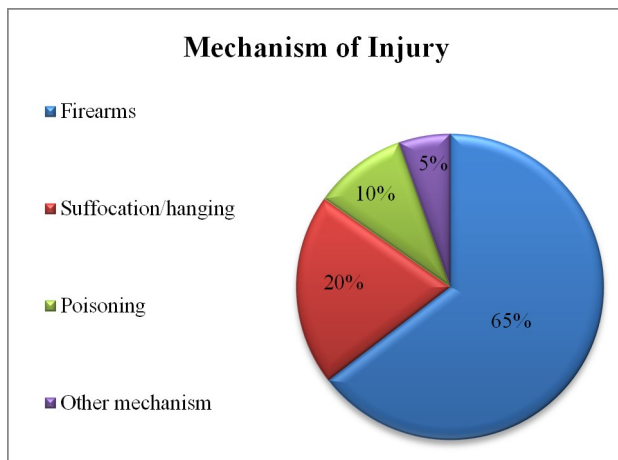


Age	Males	Females
<1	0	0
1-4	#	#
5-14	71	275
15-24	527	731
25-34	393	366
35-44	247	287
45-54	158	186
55-64	62	85
65-74	16	18
75-84	5	6
85+	#	##

* Age-adjusted rate per 100,000 population # At least 1 but less than 5 ## Suppressed to prevent indirect disclosure

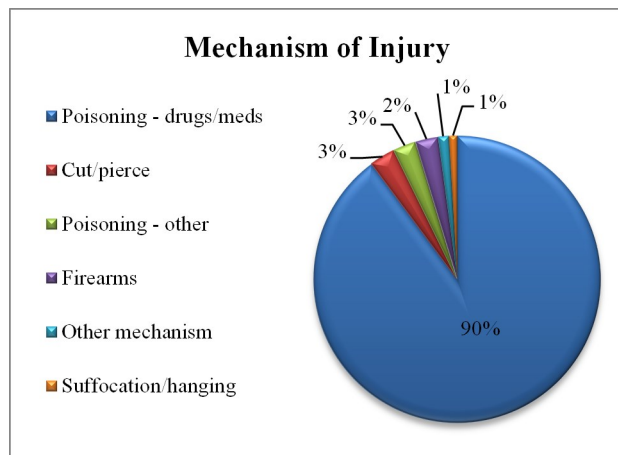
Suicide and Self-Injury- by Mechanism of Injury

Fatalities:



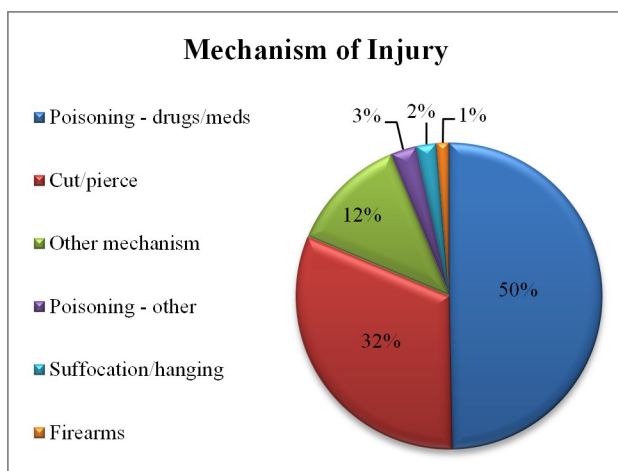
Mechanism of injury	Number
Firearms	466
Suffocation/hanging	146
Poisoning	71
Other mechanism	39

Hospitalizations



Mechanism of injury	Number
Poisoning - drugs/meds	1,672
Cut/pierce	54
Poisoning - other	48
Firearms	47
Other mechanism	23
Suffocation/hanging	17

Emergency Dept Visits



Mechanism of injury	Number
Poisoning - drugs/meds	1,714
Cut/pierce	1,091
Other mechanism	429
Poisoning - other	96
Suffocation/hanging	74
Firearms	45

At least 1 but less than 5