

KENTUCKY INJURY INDICATORS



2013

KENTUCKY VIOLENCE AND INJURY PREVENTION PROJECT (KVIPP)

COOPERATIVE AGREEMENT No: 5U17/CE002017-04

KENTUCKY INJURY PREVENTION AND RESEARCH CENTER

JANUARY 2016



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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

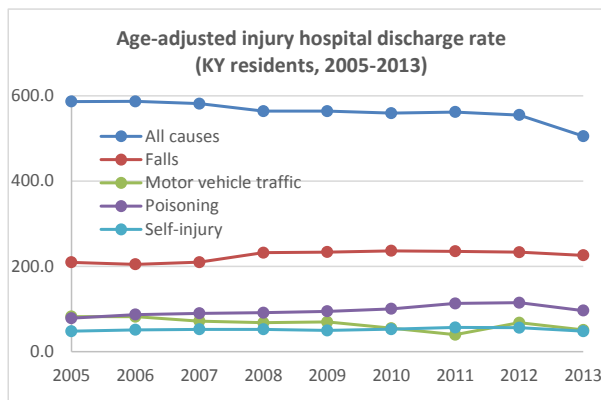
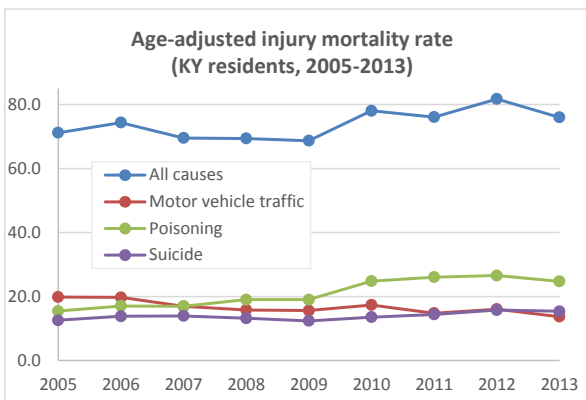
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Executive Summary

Kentucky's age-adjusted injury mortality rate decreased by 7% in 2013 compared to 2012 (from 81.8 to 76.0 per 100,000 population). Declines in mortality rates for motor vehicle traffic crashes and poisoning largely account for this change.

The injury morbidity rate in Kentucky, as measured by hospital discharges, has been gradually but steadily declining in recent years. In 2013 there was a particularly large decline, with the age-adjusted rate of injury-related hospital discharges per 100,000 population decreasing by 8.9% from 554.9 in 2012 to 505.4 in 2013. This decline was driven by reductions in the age-adjusted rates of hospitalizations for drug overdose-, motor vehicle traffic-, and fall-related injuries.



Fatalities

The leading causes of accidental injury mortality for Kentucky residents in 2013 were *poisonings* (907), *motor vehicle traffic crashes* (620) and *falls* (300). Of the 907 unintentional poisonings, 870 (96%), were overdoses involving prescription medications and/or illicit drugs. The leading causes of violent death were suicide by firearm (448) and homicide by firearm (135).

Hospitalizations

The leading causes of accidental injury-related hospital discharges in Kentucky in 2013 were *unintentional falls* (10,846), *motor vehicle traffic crashes* (2,269), and *poisoning* (1,538). Of the 1,538 unintentional poisonings, 1,463 (95%), were overdoses involving prescription medications and/or illicit drugs. The leading cause of violent injury-related hospitalization was self-harm by poisoning (1,877).

Emergency Department Visits

The leading causes of accidental injury-related emergency department (ED) visits in Kentucky in 2013 were *unintentional falls* (130,827), *accidentally being struck by or against an object or person* (49,320), and *motor vehicle traffic accidents* (48,461), and *overexertion* (38,665). The leading cause of violent injury-related hospitalization was assault by striking (7,061).

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: 2013 population estimates” file. Accessed at <http://www.census.gov/popest/data/state/asrh/2013/index.html>.
2. Kentucky Death Certificates Files, Frankfort, KY [2013]. Cabinet for Health and Family Services, Kentucky Department for Public Health, Office of Vital Statistics (PROVISIONAL AT TIME OF REPORT).
3. Kentucky Inpatient Hospitalization and Outpatient Services Claims Files, Frankfort, KY, [2013]; Cabinet for Health and Family Services, Office of Health Policy. 2013 (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 2013 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. 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 2013 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 2013, 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 of KY Residents by Age Group, 2013

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	Suffocation 9	Fire/flame 8	MVTC 11	MVTC 105	Poisoning 196	Poisoning 246	Poisoning 253	Poisoning 124	MVTC 76	Fall 75	Fall 104	Poisoning 907
2	All mechanisms 8	Drowning 5	Fire/flame 5	Poisoning 65	MVTC 103	MVTC 81	Firearm 96	MVTC 88	Fall 63	Not Specified 50	Not Spec 80	MVTC 620
3	3 tied #	MVTC #	Firearm #	Firearm 46	Firearm 70	Firearm 51	MVTC 91	Firearm 81	Firearm 60	MVTC 41	Suffocation 33	Firearm 448
4		Suffocation #	Suffocation #	Suffocation 32	Firearm 43	Suffocation 31	Firearm 27	Fall 35	Not spec 20	Firearm 32	MVTC 21	Fall 300
5			Drowning #	Firearm 31	Suffocation 22	Poisoning 27	Suffocation 21	Suffocation 17	Poisoning 18	Suffocation 19	Firearm 8	Not Specified 173
6			Other land Transport #	Poisoning 6	Poisoning 11	Poisoning 23	Poisoning 20	Poisoning 15	Suffocation 14	Fire/Flame 10	Nature/Envir #	Firearm 135
7				Suffocation 5	Poisoning 10	Firearm 18	Poisoning 15	Poisoning 10	Fire/Flame 9	Nature/Envir 6		Suffocation 123
8				Firearm #	Drowning 7	Fire/Flame 9	Fall 14	Suffocation 10	Other land Transport 7	Poisoning #		Suffocation 119
9				Cut/Pierce #	Fire/flame 6	Suffocation 8	Fire/Flame 13	Drowning 10	Poisoning 6			Poisoning 81
10				Other Pedestrians #	Other land Transport 5	Other land Transport 7	Other land Transport 12	Firearm 9	Nature/Envir 4			Fire/Flame 76
# 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, 2013*

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 36	Falls 61	Falls 110	MVTC 443	Poisoning 368	Poisoning 414	Falls 687	Falls 1,364	Falls 2,040	Falls 3,030	Falls 2,858	Falls 10,846
2	All mechanisms 21	Fire/Burns 35	MVTC 71	Poisoning 325	MVTC 349	Falls 333	Poisoning 420	MVTC 314	MVTC 193	MVTC 131	MVTC 40	MVTC 2,269
3	Not Specified 8	Poisoning 31	Poisoning 63	Falls 124	Poisoning 219	MVTC 330	MVTC 376	Poisoning 259	Poisoning 166	Poisoning 106	Not Specified 33	Poisoning 1,877
4	Fire/Burns 7	MVTC 18	Other Trans 36	Poisoning 119	Falls 203	Poisoning 243	Poisoning 346	Poisoning 193	Poisoning 66	Not Specified 41	Poisoning 27	Poisoning 1,538
5	Poisoning 6	All mechanisms 13	Other Pedal cycle 28	Other Trans 77	Poisoning 146	Poisoning 201	Poisoning 217	Poisoning 109	Other Trans 39	Natural/Envir 29	Struck by/ Against 24	Poisoning 792
6	Other Spec #	Other Spec 8	Struck by/ Against 21	Poisoning 75	Other Trans 58	Other Trans 76	Other Trans 70	Other Trans 62	Natural/Envir 33	Struck by/ Against 28	Other Trans 15	Other Trans 460
7	Not Specified #	Cut/Pierce 7	Fire/Burns 20	Firearm 52	Firearm 42	Struck by/ Against 41	Struck by/ Against 47	Natural/Envir 44	Poisoning 31	Other Trans 25	Other Spec 14	Struck by/ Against 293
8	MVTC #	Struck by/ Against 7	Poisoning 16	Struck by/ Against 41	Cut/Pierce 41	Struck by/ Against 35	Natural/Envir 45	Not Specified 36	Other Spec 30	Poisoning 22	Overexertion 8	Fire/Burns 254
9		Natural/Envir 7	Natural/Envir 12	Cut/Pierce 26	Fire/Burns 37	Cut/Pierce 33	Fire/Burns 40	Other Spec 35	Not Specified 23	Overexertion 21	Fire/Burns 7	Natural/Envir 242
10		Machinery #	Other Spec 11	Struck by/ Against 21	Struck by/ Against 31	Natural/Envir 29	Struck by/ Against 31	Fire/Burns 34	Struck by/ Against 22	Other Spec 21	Poisoning 6	Other Spec 223

* Counts less than five are not included in this matrix

Legend:	Unintentional	Undetermined	Assault	Self Harm
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Leading Causes of Injury-Related Emergency Department Visits of KY Residents By Age Group 2013

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 1,807	Falls 11,691	Falls 17,935	MVTC 12,814	Falls 13,607	Falls 13,646	Falls 15,027	Falls 13,444	Falls 11,617	Falls 11,100	Falls 8,533	Falls 130,827
2	Struck by/ Against 383	Struck by/ Against 3,886	Struck by/ Against 11,869	Falls 12,420	MVTC 9,792	MVTC 7,517	MVTC 6,355	MVTC 4,075	MVTC 1,965	MVTC 882	Struck by/ Against 418	Struck by/ Against 49,302
3	MVTC 342	Natural/Envir 3,022	Overexertion 4,429	Struck by/ Against 10,953	Overexertion 8,410	Overexertion 6,986	Overexertion 5,269	Overexertion 2,730	Struck by/ Against 1,329	Struck by/ Against 769	Not Specified 244	MVTC 48,461
4	Poisoning 334	Other Spec 2,443	Natural/Envir 4,089	Overexertion 8,045	Struck by/ Against 7,625	Struck by/ Against 5,549	Struck by/ Against 4,095	Struck by/ Against 2,426	Overexertion 1,294	Cut/Pierce 590	MVTC 239	Overexertion 38,665
5	Natural/Envir 316	Poisoning 1,458	Cut/Pierce 3,977	Cut/Pierce 5,458	Cut/Pierce 5,397	Cut/Pierce 3,999	Cut/Pierce 3,399	Cut/Pierce 2,285	Cut/Pierce 1,251	Overexertion 539	Overexertion 194	Cut/Pierce 27,936
6	Other Spec 206	Cut/Pierce 1,333	MVTC 3,275	Natural/Envir 3,478	Natural/Envir 3,243	Natural/Envir 2,575	Natural/Envir 2,386	Natural/Envir 1,610	Natural/Envir 925	Not Specified 435	Other Spec 174	Natural/Envir 22,217
7	Not specified 100	MVTC 1,205	Other Spec 2,859	Other Spec 2,752	Not Specified 2,853	Not Specified 2,414	Not Specified 2,045	Not Specified 1,293	Not Specified 688	Natural/Envir 428	Natural/Envir 145	Other Spec 17,132
8	Fire/Burns 97	Not Specified 849	Other Pedal Cyc 2,160	Not Specified 2,503	Other Spec 2,720	Other Spec 2,165	Other Spec 1,744	Other Spec 1,090	Other Spec 631	Other Spec 348	Not elsewhere classified 84	Not Specified 15,247
9	Cut/Pierce 73	Overexertion 708	Not Specified 1,823	Struck by/ Against 2,158	Struck by/ Against 1,882	Struck by/ Against 1,196	Struck by/ Against 922	Not elsewhere classified 475	Poisoning 293	Poisoning 155	Poisoning 79	Poisoning 7,623
10	Overexertion 61	Fire/Burn 683	Poisoning 1,227	Other Trans 1,737	Not elsewhere classified 1,210	Not elsewhere classified 1,008	Not elsewhere classified 835	Poisoning 430	Not elsewhere classified 243	Not elsewhere classified 146	Other Trans 24	Struck by/ Against 7,061

* Counts less than five are not included in this matrix

	Legend:	Unintentional	Undeter- mined	Assault	Self Harm							

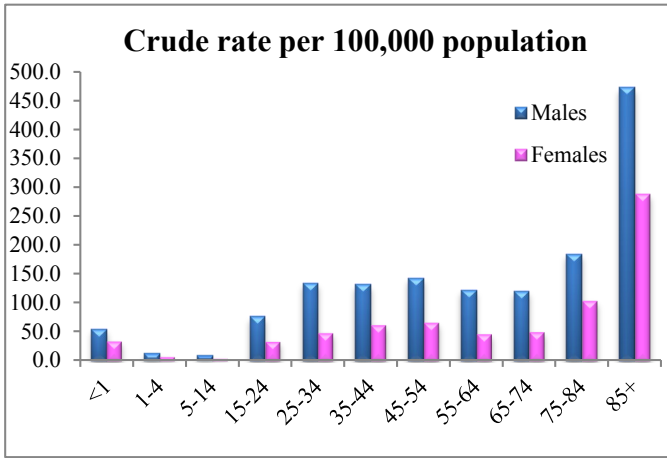
All injuries - by Age and Sex

Fatalities:

Total: 3,413 (76.0*)

Males: 2,269 (105.7*)

Females: 1,144 (48.3*)



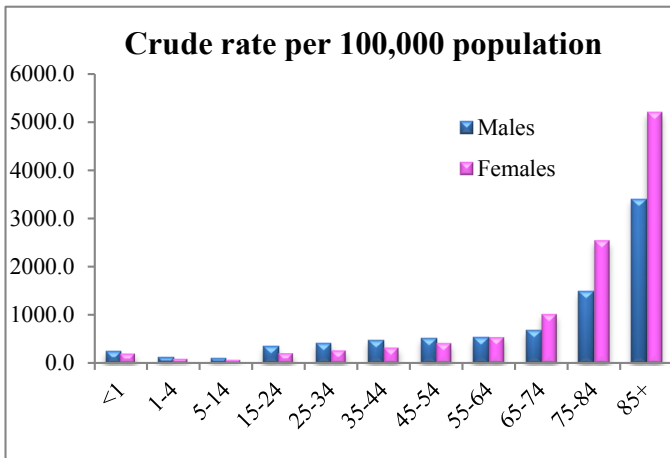
Age	Males	Females
<1	15	9
1-4	14	8
5-14	24	12
15-24	230	98
25-34	380	136
35-44	371	175
45-54	433	209
55-64	336	138
65-74	207	99
75-84	146	114
85+	113	146

Hospitalizations

Total: 23,332 (505*)

Males: 10,311 (487*)

Females: 13,021(504*)



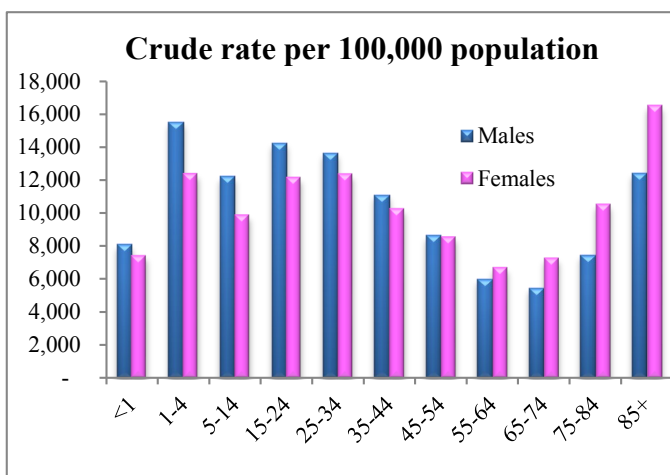
Age	Males	Females
<1	69	53
1-4	138	98
5-14	290	211
15-24	1,084	603
25-34	1,186	749
35-44	1,332	918
45-54	1,580	1,324
55-64	1,444	1,604
65-74	1,186	2,014
75-84	1,189	2,802
85+	813	2,645

Emergency Dept Visits

Total: 453,176 (10,620*)

Males: 230,112 (10,942*)

Females: 223,045 (10,222*)

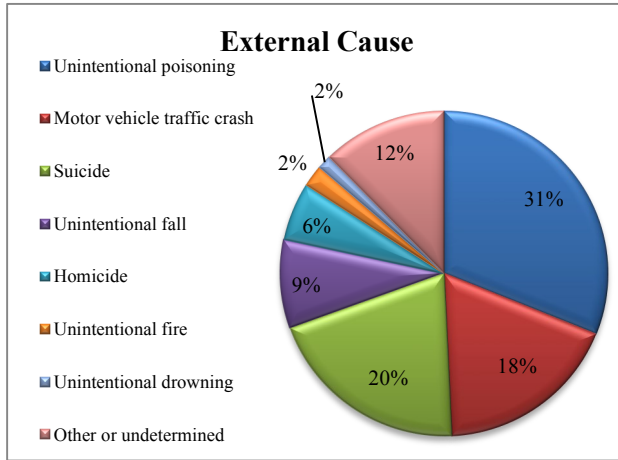


Age	Males	Females
<1	2,257	1,966
1-4	17,543	13,339
5-14	35,582	27,521
15-24	43,573	35,408
25-34	38,661	34,679
35-44	31,317	28,993
45-54	26,335	26,958
55-64	16,520	19,855
65-74	9,418	14,339
75-84	5,933	11,600
85+	2,973	8,387

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

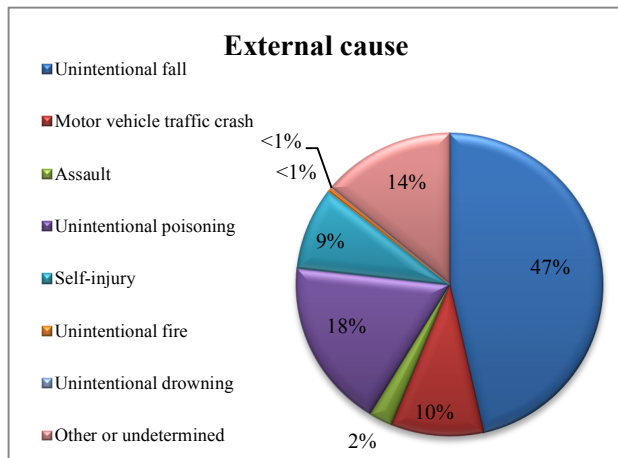
All injuries - by External Cause

Fatalities



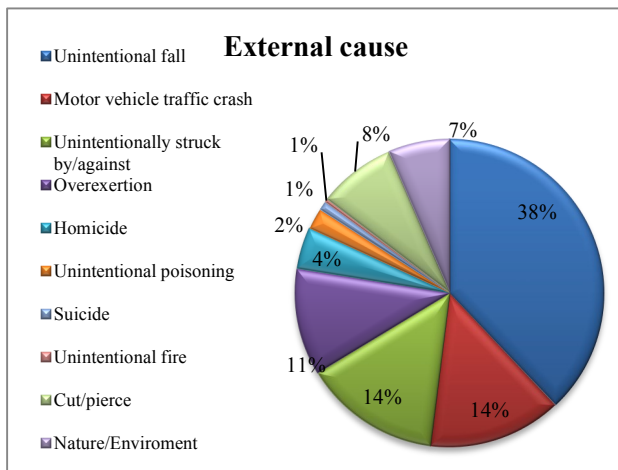
External cause	Number
Unintentional poisoning	907
Motor vehicle traffic crash	620
Suicide	692
Unintentional fall	300
Homicide	196
Unintentional fire	76
Unintentional drowning	48
Other or undetermined	420

Hospitalizations



External cause	Number
Unintentional fall	10,846
Motor vehicle traffic crash	2,269
Assault	579
Unintentional poisoning	1,538
Self-injury	2,050
Unintentional fire	109
Unintentional drowning	11
Other or undetermined	5,930

Emergency Dept Visits



External cause	Number
Unintentional fall	130,827
Unintentionally struck by/against	49,302
Motor vehicle traffic crash	48,461
Overexertion	38,665
Assault	15,064
Unintentional poisoning	7,623
Suicide	3,317
Unintentional fire	1,369
Cut/pierce	27,936
Nature/Environment	22,217
Other	108,376

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

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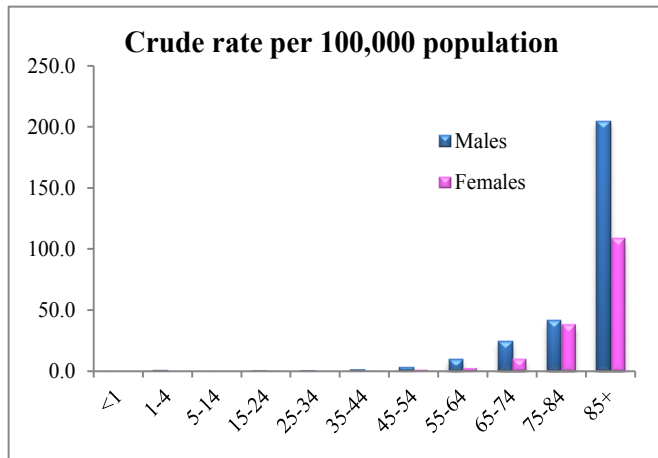
Unintentional Falls - by Age and Sex

Fatalities

Total: 300 (6.1*)

Males: 169 (8.3*)

Females: 131 (4.6*)



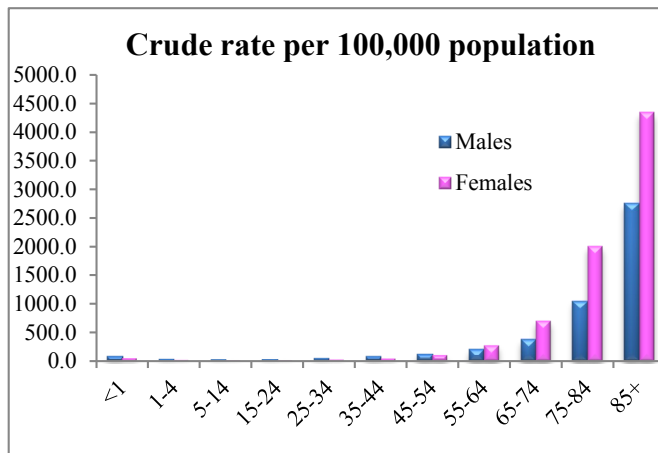
Age	Males	Females
<1	0	0
1-4	#	0
5-14	0	0
15-24	#	#
25-34	#	0
35-44	#	#
45-54	10	#
55-64	27	8
65-74	43	20
75-84	33	42
85+	49	55

Hospitalizations

Total: 10,846 (225.8*)

Males: 3,592 (175.4*)

Females: 7,254 (258.9*)



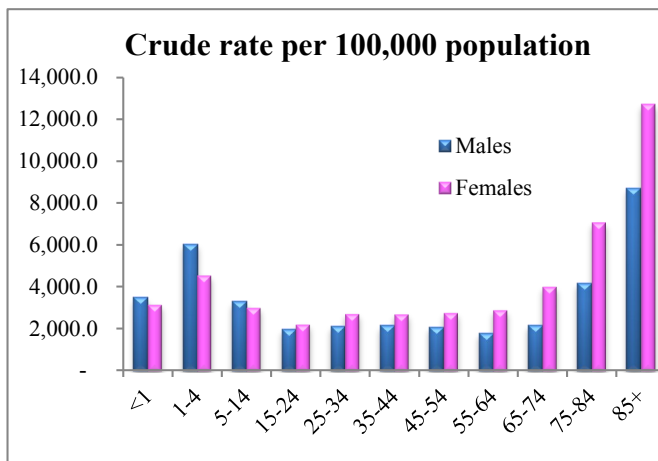
Age	Males	Females
<1	22	14
1-4	39	22
5-14	70	40
15-24	83	41
25-34	125	78
35-44	204	129
45-54	357	330
55-64	552	812
65-74	652	1,388
75-84	831	2,199
85+	657	2,201

Emergency Department Visits

Total: 130,827 (2,986*)

Males: 55,592 (2,656*)

Females: 75,234 (3,258*)

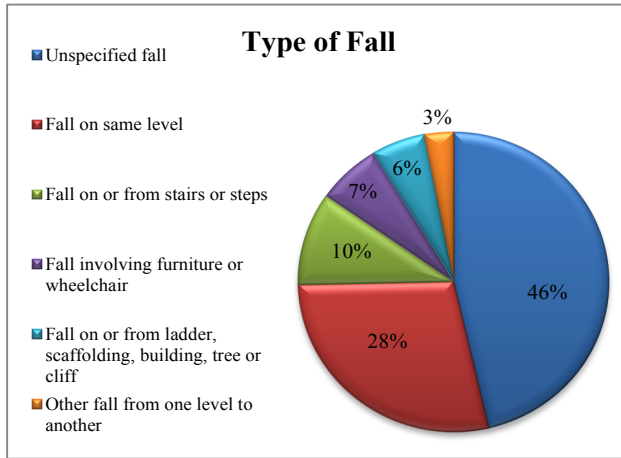


Age	Males	Females
<1	970	837
1-4	6,800	4,891
5-14	9,557	8,378
15-24	5,966	6,453
25-34	5,969	7,638
35-44	6,013	7,633
45-54	6,319	8,708
55-64	4,873	8,571
65-74	3,725	7,892
75-84	3,318	7,782
85+	2,082	6,451

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

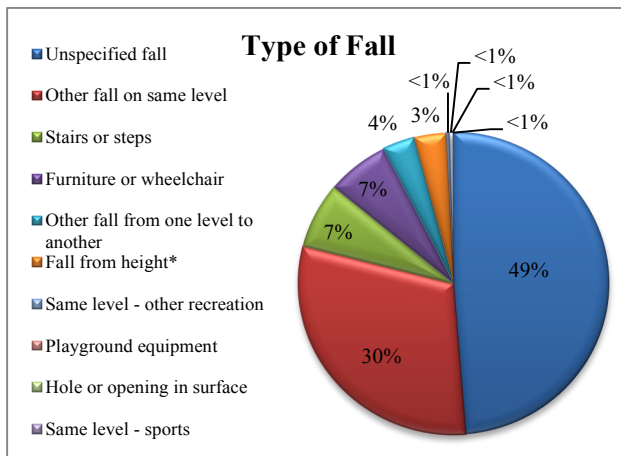
Unintentional Falls - by Type of Fall

Fatalities:



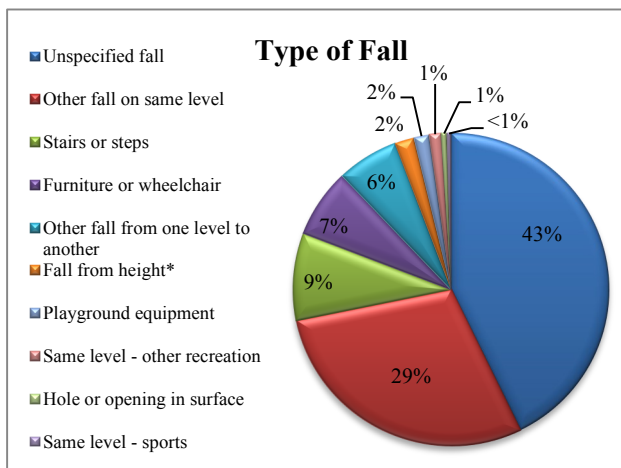
Type of fall	Number
Unspecified fall	139
Fall on same level	85
Fall on or from stairs or steps	30
Fall involving furniture or wheelchair	20
Fall on or from ladder, scaffolding, building, tree or cliff	17
Other fall from one level to another	9

Hospitalizations



Type of fall	Number
Unspecified fall	5,286
Other fall on same level	3,283
Stairs or steps	761
Furniture or wheelchair	708
Other fall from one level to another	369
Fall from height*	359
Same level - other recreation	36
Playground equipment	25
Hole or opening in surface	12
Same level - sports	7

Emergency Dept Visits



Type of fall	Number
Unspecified fall	55,966
Other fall on same level	38,021
Stairs or steps	11,775
Furniture or wheelchair	9,260
Other fall from one level to another	8,316
Fall from height*	2,573
Playground equipment	2,006
Same level - other recreation	1,654
Hole or opening in surface	716
Same level - sports	540

At least 1 but less than 5

Suppressed to prevent indirect disclosure

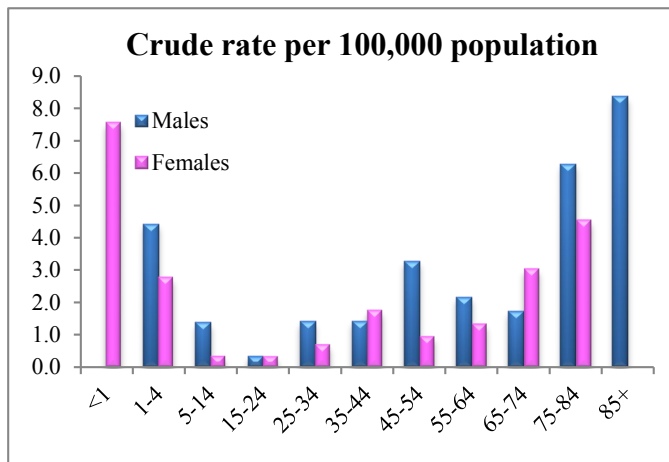
Unintentional Fire-Related Injuries - by Age and Sex

Fatalities

Total: 76 (1.7*)

Males: 44 (2.1*)

Females: 32 (1.4*)



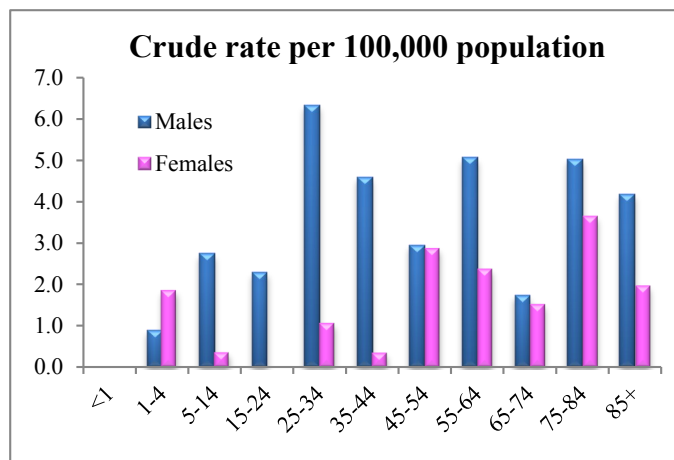
Age	Males	Females
<1	0	#
1-4	5	#
5-14	#	#
15-24	#	#
25-34	#	#
35-44	#	5
45-54	10	#
55-64	6	#
65-74	#	6
75-84	5	5
85+	#	0

Hospitalizations

Total: 109 (2.4*)

Males: 78 (3.6*)

Females: 31 (1.2*)

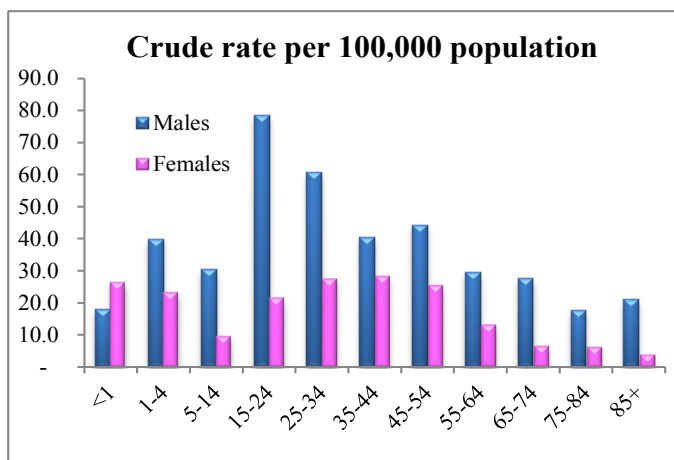


Age	Males	Females
<1	0	0
1-4	#	#
5-14	8	#
15-24	7	0
25-34	18	#
35-44	13	#
45-54	9	9
55-64	14	7
65-74	#	#
75-84	#	#
85+	#	#

Emergency Department Visits

Total: 1,369 (31.9*)

Males:

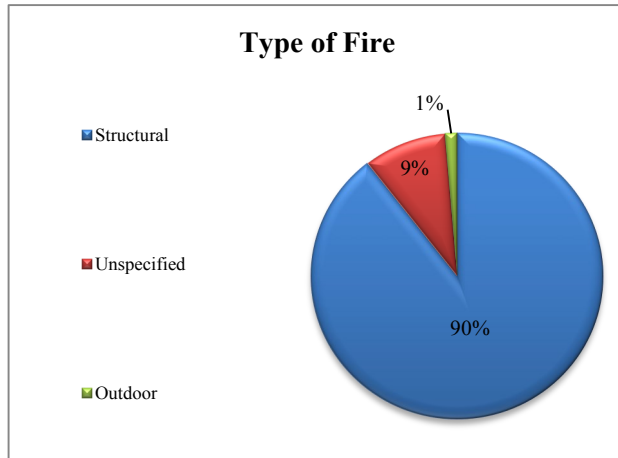


Age	Males	Females
<1	5	7
1-4	45	25
5-14	89	27
15-24	240	63
25-34	172	77
35-44	114	80
45-54	135	80
55-64	82	39
65-74	48	13
75-84	14	##
85+	5	#

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

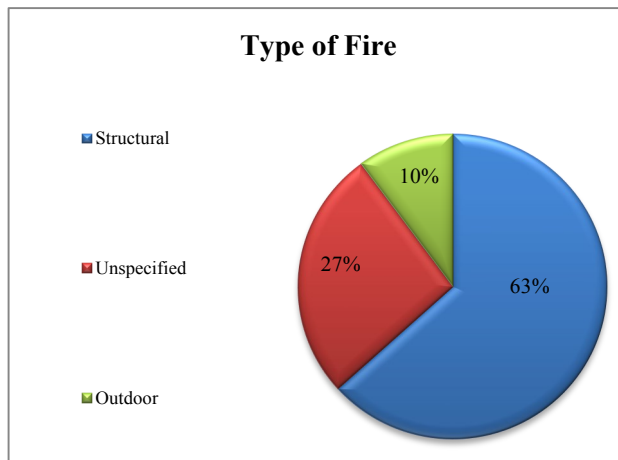
Unintentional Fire-Related Injuries- by Type of Fire

Fatalities:



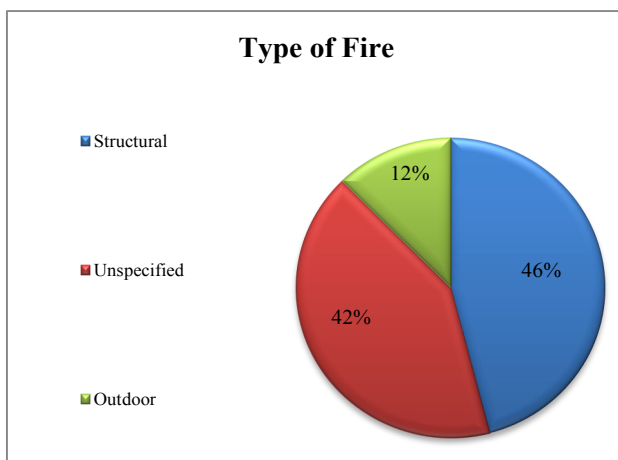
Type of fire	Number
Structural	68
Unspecified	##
Outdoor	#

Hospitalizations



Type of fire	Number
Structural	69
Unspecified	29
Outdoor	11

Emergency Dept Visits



Type of fire	Number
Structural	629
Unspecified	516
Outdoor	224

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

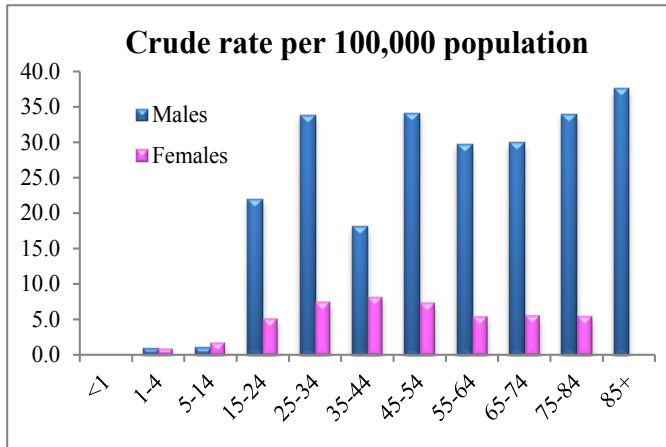
Firearm-Related Injuries - by Age and Sex

Fatalities

Total: 613 (13.5*)

Males: 492 (22.0*)

Females: 121 (5.4*)



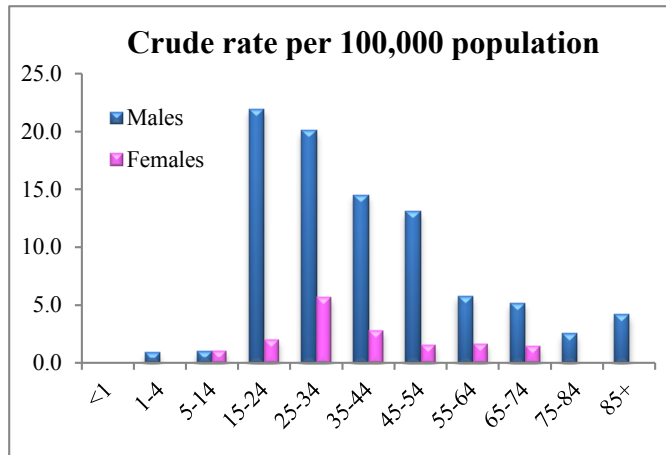
Age	Males	Females
<1	0	0
1-4	#	#
5-14	#	##
15-24	67	15
25-34	96	21
35-44	51	23
45-54	104	23
55-64	82	16
65-74	52	11
75-84	27	6
85+	9	0

Hospitalizations

Total: 283 (6.6*)

Males: 237 (11.1*)

Females: 46 (2.1*)



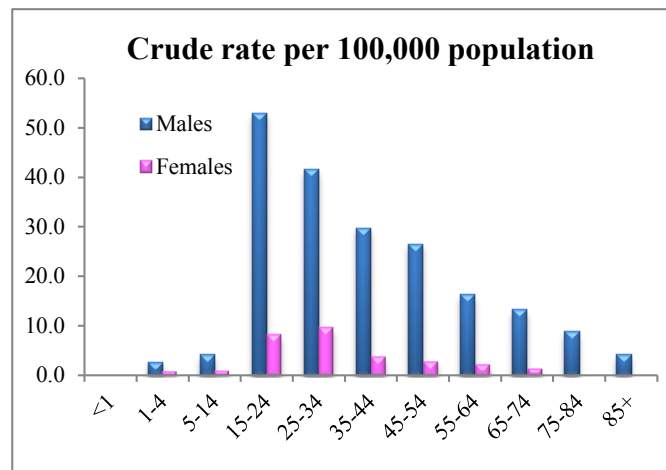
Age	Males	Females
<1	0	0
1-4	#	0
5-14	#	#
15-24	67	6
25-34	57	16
35-44	41	8
45-54	40	5
55-64	16	5
65-74	9	#
75-84	#	0
85+	#	0

Emergency Department Visits

Total: 621 (14.4*)

Males: 536 (24.9*)

Females: 85 (4.0*)

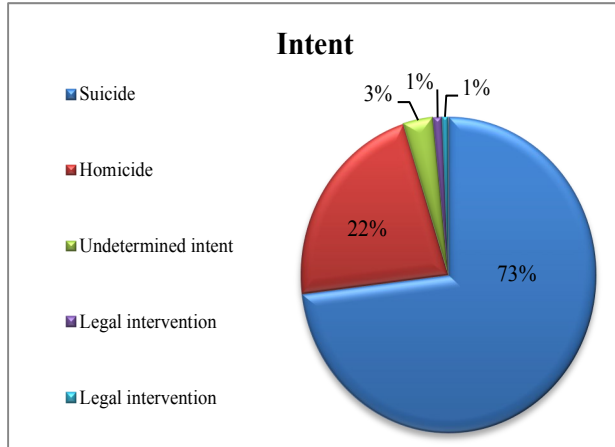


Age	Males	Females
<1	0	0
1-4	#	#
5-14	12	#
15-24	162	24
25-34	118	27
35-44	84	11
45-54	81	9
55-64	45	7
65-74	23	#
75-84	7	0
85+	#	0

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

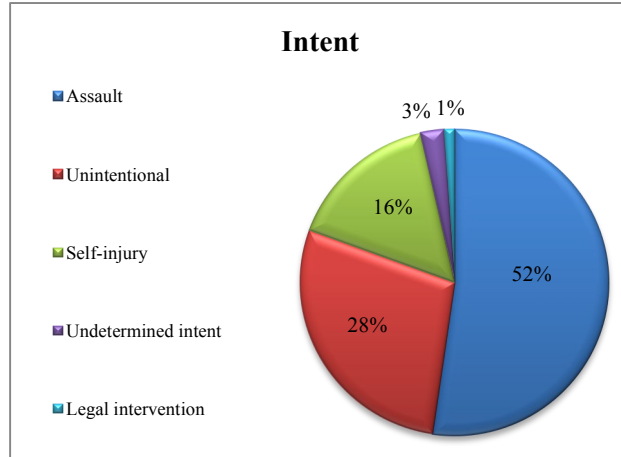
Firearm-Related Injuries - by Intent

Fatalities:



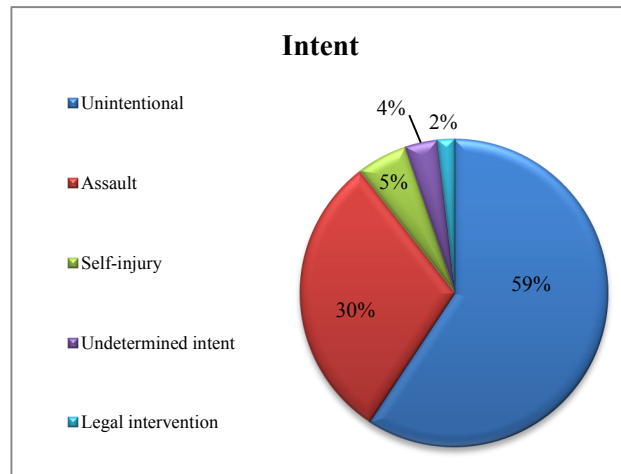
Intent	Number
Suicide	448
Homicide	135
Unintentional	20
Undetermined intent	##
Legal intervention	#

Hospitalizations



Intent	Number
Assault	148
Unintentional	80
Self-injury	45
Undetermined intent	##
Legal intervention	#

Emergency Dept Visits



Intent	Number
Unintentional	368
Assault	188
Self-injury	33
Undetermined intent	21
Legal intervention	11

disclosure

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

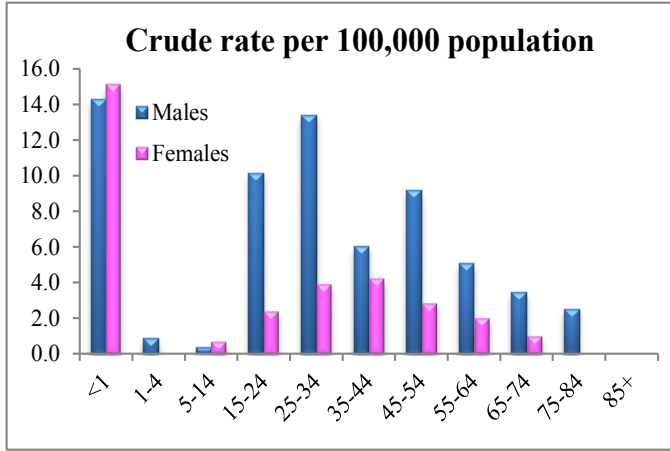
Homicide and Assault - by Age and Sex

Fatalities

Total: 195 (4.5*)

Males: 142 (6.5*)

Females: 53 (2.5*)



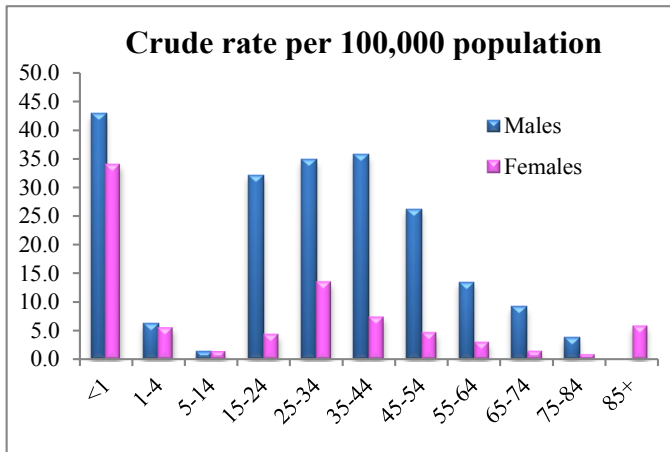
Age	Males	Females
<1	#	#
1-4	#	0
5-14	#	#
15-24	31	7
25-34	38	11
35-44	17	12
45-54	28	9
55-64	14	6
65-74	6	#
75-84	#	0
85+	0	0

Hospitalizations

Total: 579 (13.7*)

Males: 457 (21.6*)

Females: 122 (5.8*)



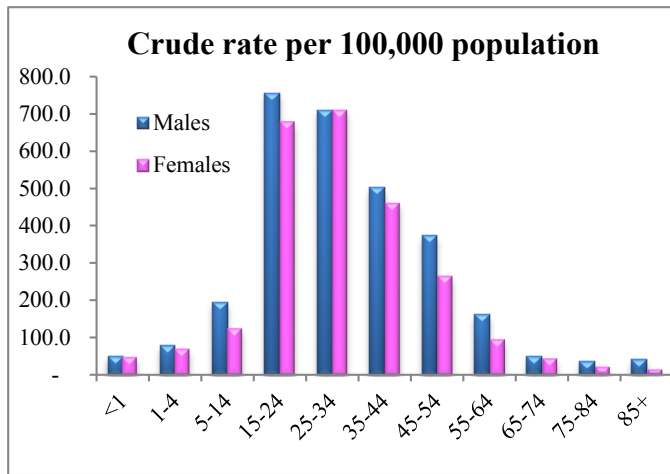
Age	Males	Females
<1	12	9
1-4	7	6
5-14	#	#
15-24	98	13
25-34	99	38
35-44	101	21
45-54	80	15
55-64	37	9
65-74	16	#
75-84	#	#
85+	0	#

Emergency Department Visits

Total: 15,064 (361.2*)

Males: 8,124 (386.0*)

Females: 6,940 (336.6*)

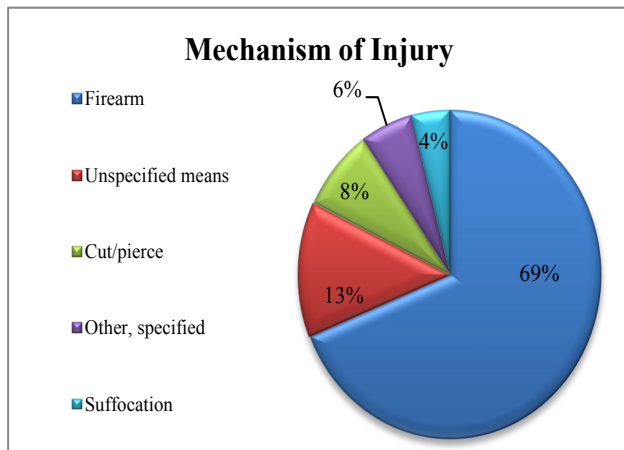


Age	Males	Females
<1	14	13
1-4	88	76
5-14	568	351
15-24	2,310	1,974
25-34	2,013	1,986
35-44	1,420	1,300
45-54	1,141	836
55-64	446	283
65-74	85	88
75-84	29	25
85+	10	8

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

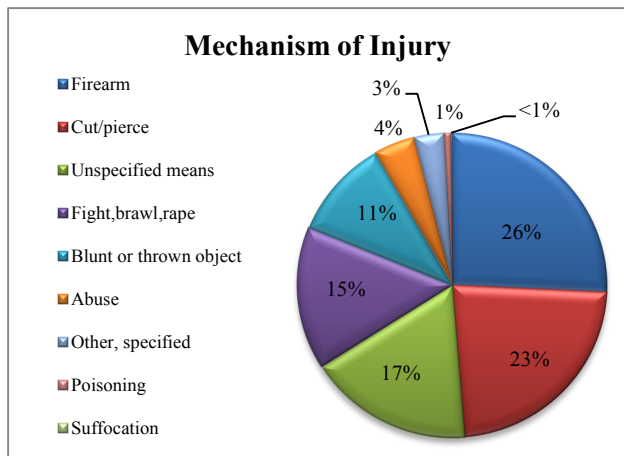
Homicide and Assault - by Mechanism of Injury

Fatalities:



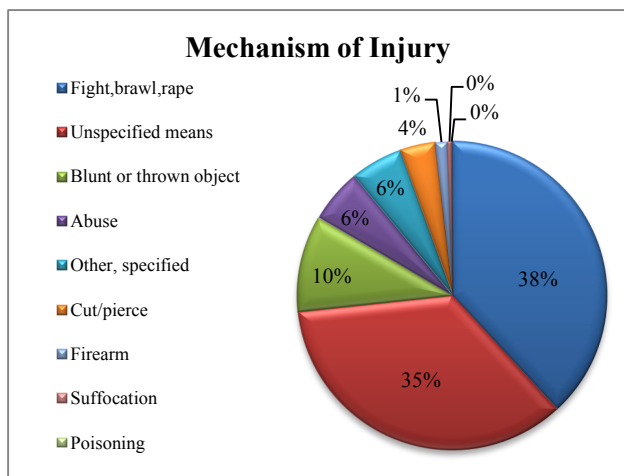
Mechanism of injury	Number
Firearm	135
Unspecified means	26
Cut/pierce	16
Other, specified	11
Suffocation	8

Hospitalizations



Mechanism of injury	Number
Firearm	149
Cut/pierce	133
Unspecified means	100
Fight,brawl,rape	88
Blunt or thrown object	61
Abuse	25
Other, specified	18
Poisoning	#
Suffocation	#

Emergency Dept Visits



Mechanism of injury	Number
Fight,brawl,rape	5,746
Unspecified means	5,295
Blunt or thrown object	1,525
Abuse	848
Other, specified	829
Cut/pierce	556
Firearm	191
Suffocation	61
Poisoning	13

disclosure

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

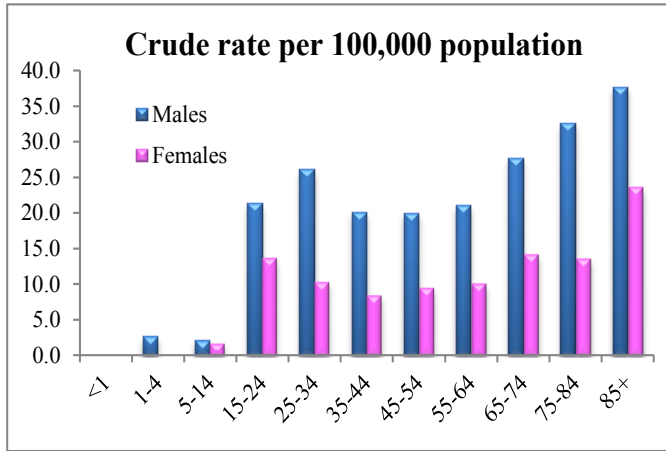
Motor Vehicle Traffic Crashes - by Age and Sex

Fatalities

Total: 620 (13.7*)

Males: 407(18.6*)

Females: 213 (9.0*)



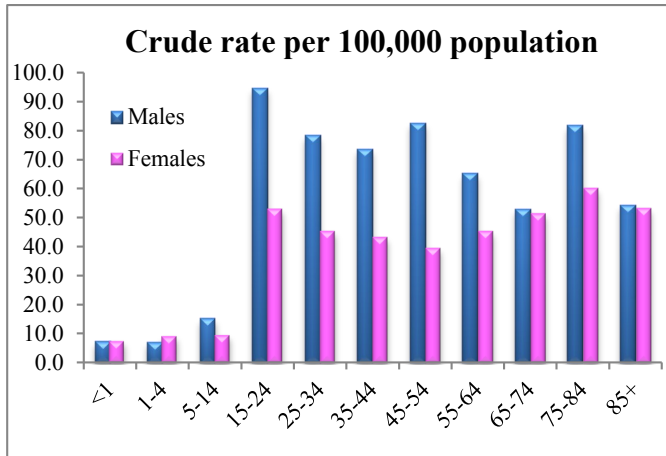
Age	Males	Females
<1	0	0
1-4	#	0
5-14	##	5
15-24	65	40
25-34	74	29
35-44	57	24
45-54	61	30
55-64	58	30
65-74	48	28
75-84	26	15
85+	9	12

Hospitalizations

Total: 2,269 (50.9*)

Males: 1,375 (63.2*)

Females: 894 (38.7*)



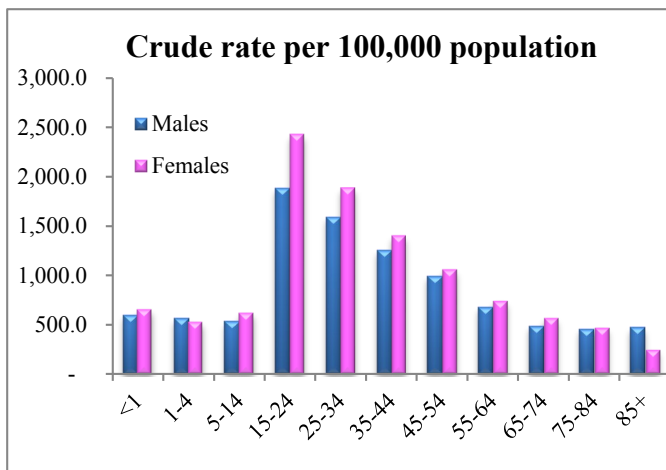
Age	Males	Females
<1	#	#
1-4	##	##
5-14	44	27
15-24	289	154
25-34	222	127
35-44	208	122
45-54	252	124
55-64	180	134
65-74	92	101
75-84	65	66
85+	13	27

Emergency Department Visits

Total: 48,461 (1,133.7*)

Males: 22,386 (1,050.1*)

Females: 26,072 (1,220.1*)

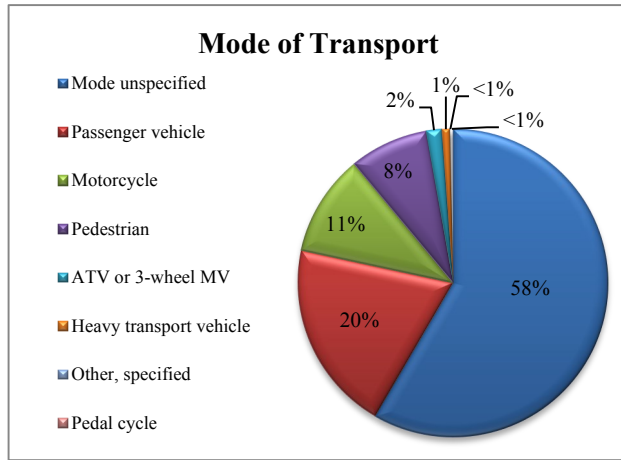


Age	Males	Females
<1	168	174
1-4	634	570
5-14	1,546	1,728
15-24	5,754	7,060
25-34	4,506	5,286
35-44	3,557	3,959
45-54	3,025	3,330
55-64	1,875	2,200
65-74	845	1,120
75-84	363	519
85+	113	126

* 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

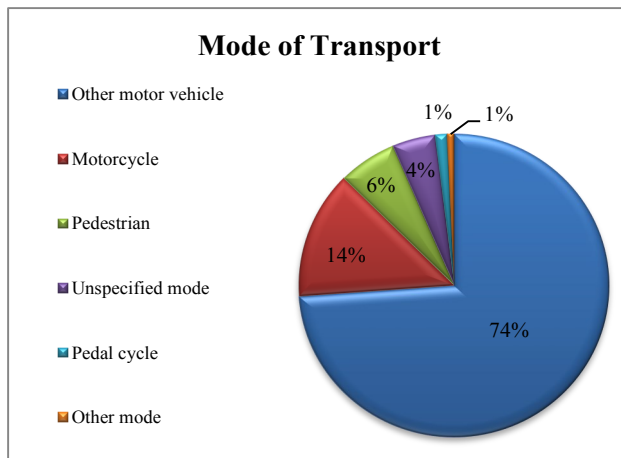
Fatalities:



Mode of transport	Number
Mode unspecified	362
Passenger vehicle	124
Motorcycle	66
Pedestrian	51
ATV or 3-wheel MV	10
Heavy transport vehicle	5
Other, specified	#
Pedal cycle	#

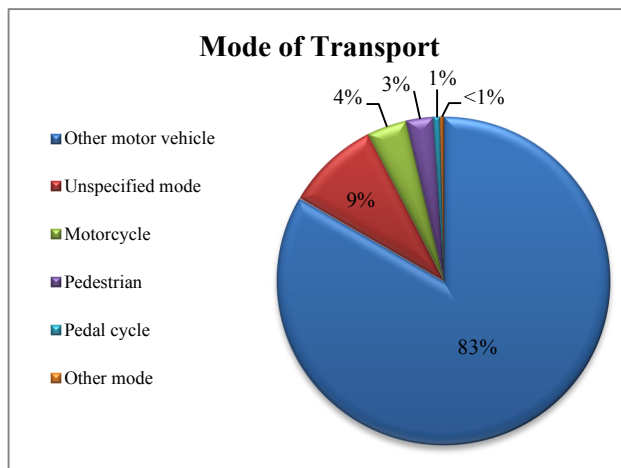
Notes: "Other, specified" includes persons whose mode of transport was an animal, animal-drawn vehicle, railway train, railway vehicle, streetcar, special vehicle mainly used on industrial premises, or special construction vehicle.

Hospitalizations



Mode of transport	Number
Other motor vehicle	1,676
Motorcycle	308
Pedestrian	139
Unspecified mode	102
Pedal cycle	29
Other mode	15

Emergency Dept Visits



Mode of transport	Number
Other motor vehicle	40,409
Unspecified mode	4,438
Motorcycle	1,871
Pedestrian	1,289
Pedal cycle	303
Other mode	151

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 ## Suppressed to prevent indirect disclosure

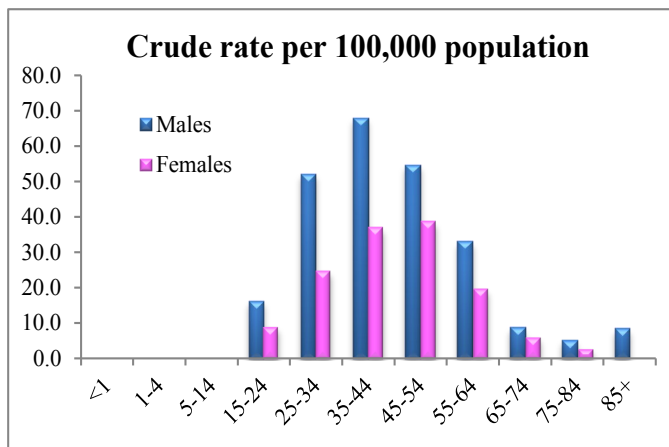
Poisoning - by Age and Sex

Fatalities

Total: 1,061 (24.7*)

Males: 668 (31.5*)

Females: 393 (18.0*)



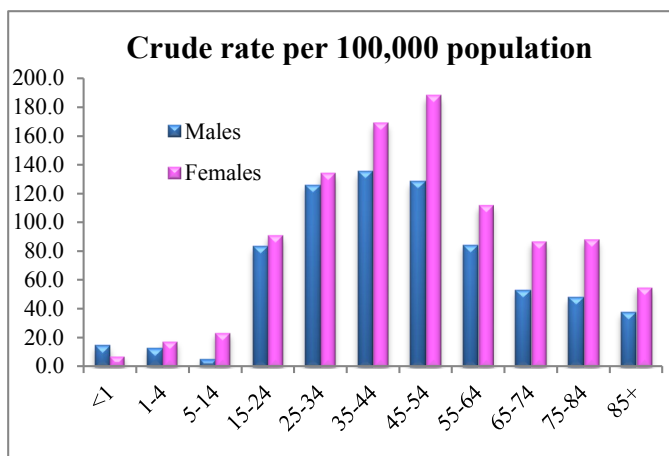
Age	Males	Females
<1	0	0
1-4	0	0
5-14	0	0
15-24	49	26
25-34	148	69
35-44	192	104
45-54	167	121
55-64	91	58
65-74	15	##
75-84	#	#
85+	#	0

Hospitalizations

Total: 4,211 (96.1*)

Males: 1,788 (83.0*)

Females: 2,423 (108.6*)



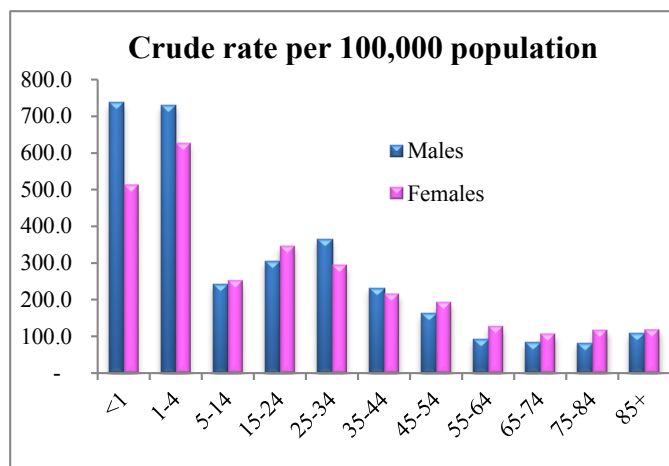
Age	Males	Females
<1	#	#
1-4	14	##
5-14	14	66
15-24	254	265
25-34	357	376
35-44	382	477
45-54	392	591
55-64	232	331
65-74	92	171
75-84	38	97
85+	##	28

Emergency Department Visits

Total: 10,708 (255.4*)

Males: 5,341 (255.8*)

Females: 5,367 (254.2*)

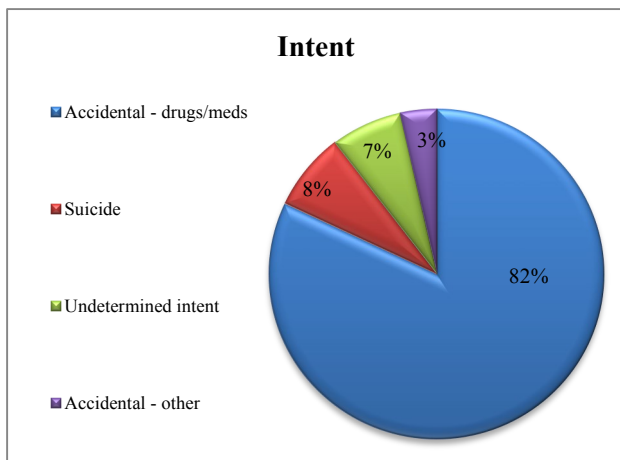


Age	Males	Females
<1	206	136
1-4	824	675
5-14	706	707
15-24	934	1,010
25-34	1,035	828
35-44	653	612
45-54	492	612
55-64	257	382
65-74	143	214
75-84	65	130
85+	26	61

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

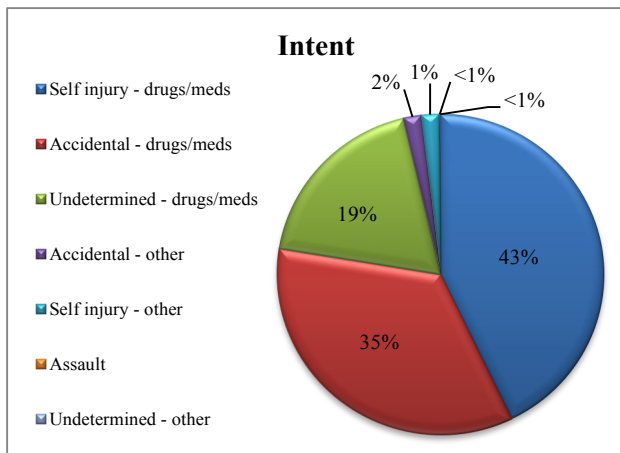
Poisoning- by Intent

Fatalities:



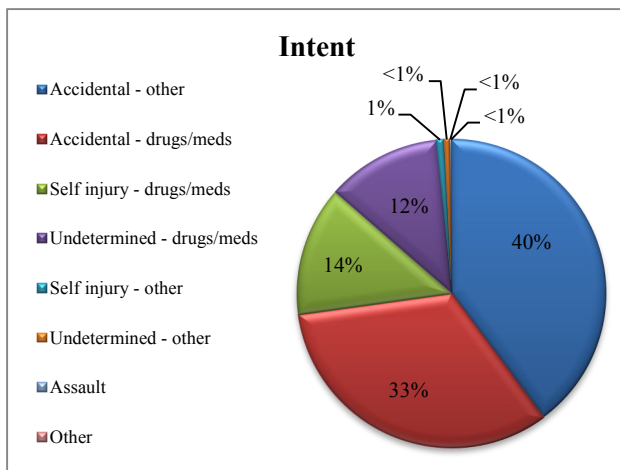
Intent	Number
Accidental - drugs/meds	870
Suicide	81
Undetermined intent	73
Accidental - other	37

Hospitalizations



Intent	Number
Self injury - drugs/meds	1,804
Accidental - drugs/meds	1,463
Undetermined - drugs/meds	790
Accidental - other	75
Self injury - other	73
Assault	#
Undetermined - other	#

Emergency Dept Visits



Intent	Number
Accidental - other	4,008
Accidental - drugs/meds	3,615
Self injury - drugs/meds	1,587
Undetermined - drugs/meds	1,299
Self injury - other	104
Undetermined - other	82
Assault	13

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

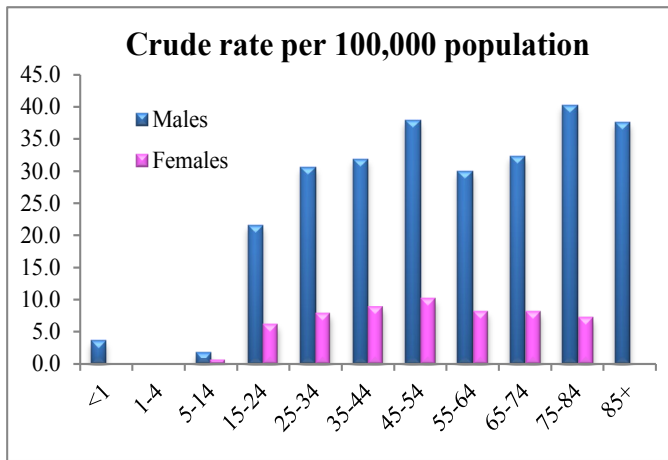
Suicide and Self-Injury - by Age and Sex

Fatalities

Total: 692 (15.4*)

Males: 545 (24.9*)

Females: 147 (6.4*)



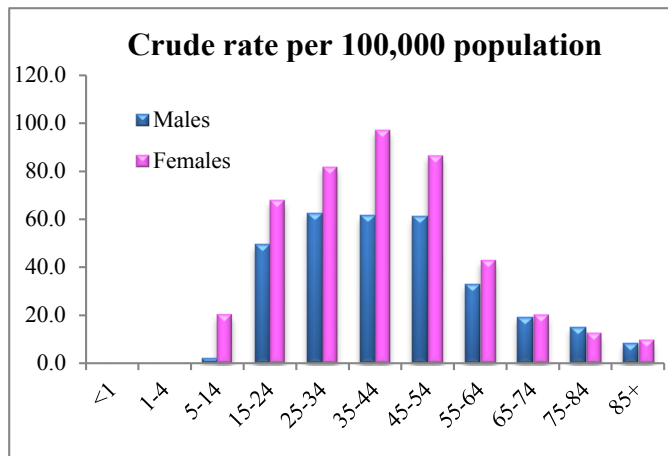
Age	Males	Females
<1	#	0
1-4	0	0
5-14	##	#
15-24	66	18
25-34	87	22
35-44	90	25
45-54	116	32
55-64	83	24
65-74	56	16
75-84	32	##
85+	9	0

Hospitalizations

Total: 2,050 (47.8*)

Males: 834 (38.8*)

Females: 1,216 (56.8*)



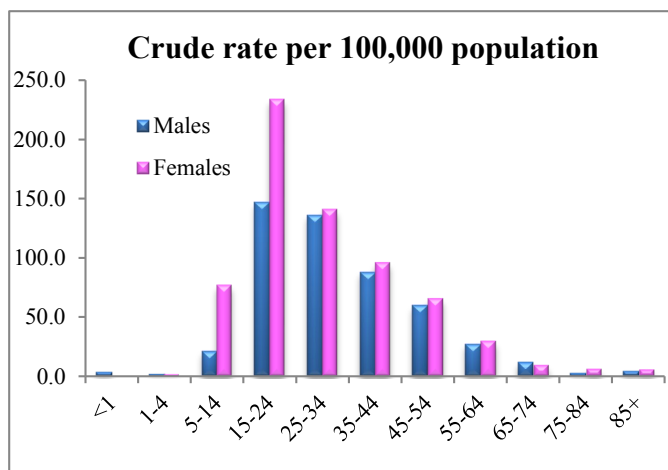
Age	Males	Females
<1	0	0
1-4	0	0
5-14	##	57
15-24	151	198
25-34	178	229
35-44	174	274
45-54	187	272
55-64	91	127
65-74	33	40
75-84	12	14
85+	#	5

Emergency Department Visits

Total: 3,317 (79.2*)

Males: 1,429 (67.7*)

Females: 1,888 (91.0*)

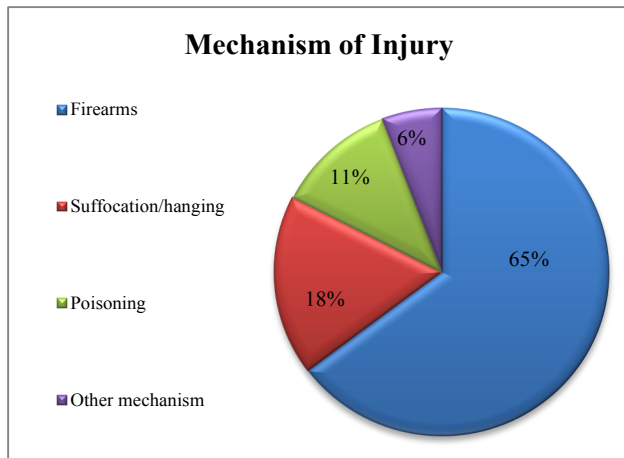


Age	Males	Females
<1	#	0
1-4	#	#
5-14	62	215
15-24	448	680
25-34	386	395
35-44	249	271
45-54	182	207
55-64	75	89
65-74	21	19
75-84	#	7
85+	#	#

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

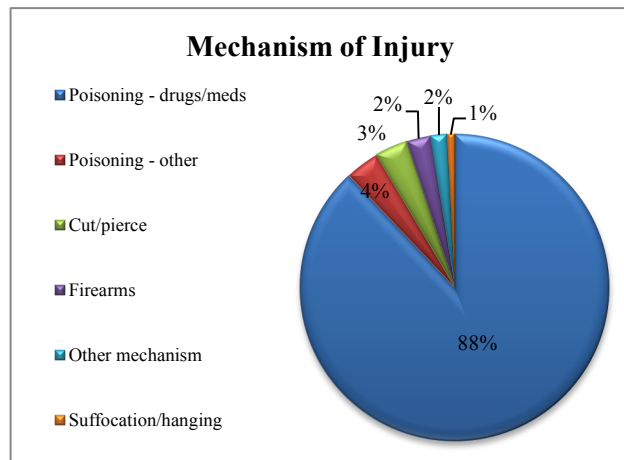
Suicide and Self-Injury- by Mechanism of Injury

Fatalities:



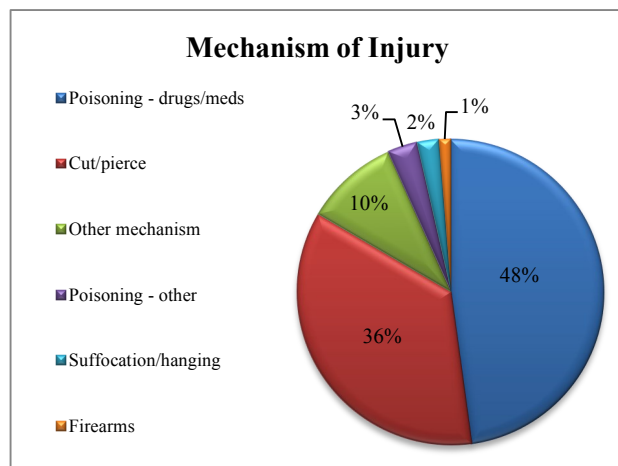
Mechanism of injury	Number
Firearms	448
Suffocation/hanging	123
Poisoning	81
Other mechanism	40

Hospitalizations



Mechanism of injury	Number
Poisoning - drugs/meds	1,804
Poisoning - other	73
Cut/pierce	71
Firearms	51
Other mechanism	35
Suffocation/hanging	16

Emergency Dept Visits



Mechanism of injury	Number
Poisoning - drugs/meds	1,587
Cut/pierce	1,182
Other mechanism	327
Poisoning - other	104
Suffocation/hanging	76
Firearms	41

At least 1 but less than 5

Suppressed to prevent indirect disclosure