

KENTUCKY INJURY INDICATORS



2016

KENTUCKY VIOLENCE AND INJURY PREVENTION PROJECT (KVIPP)

COOPERATIVE AGREEMENT No. 5NU17CE924846

KENTUCKY INJURY PREVENTION AND RESEARCH CENTER

DECEMBER 2020



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Prepared by

**Lara Daniels
Ashley M. Bush**

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Kentucky Injury Prevention and Research Center (KIPRC)
University of Kentucky College of Public Health
Lexington, Kentucky 40504

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Injury Indicators

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Abbreviations

| | |
|--------|--|
| CDC | Centers for Disease Control and Prevention |
| CSTE | Council of State and Territorial Epidemiologists |
| ED | emergency department |
| ICD | International Classification of Diseases |
| ICD-CM | International Classification of Diseases, Clinical Modifications |
| KIPRC | Kentucky Injury Prevention and Research Center |
| MV | motor vehicle |
| ATV | all-terrain vehicle |
| PCR | police collision report |
| TBI | traumatic brain injury |

Executive Summary

Kentucky's overall age-adjusted injury mortality rate was 93.6 per 100,000 Kentucky resident population in 2016. The male and female age-adjusted rates were 130.8 and 58.6, respectively.

The age-adjusted rate for all cause injury-related inpatient hospitalizations per 100,000 population was 523.1 per 100,000 Kentucky resident population in 2016. The male and female age-adjusted rates were 510.8 and 519.2, respectively.

The age-adjusted rate for all cause injury-related emergency department visit discharges per 100,000 population was 12,192.6 per 100,000 Kentucky resident population in 2016. The male and female age-adjusted rates were 12,503.0 and 11,811.4, respectively.

Fatalities

There were 4,199 injury fatalities among Kentucky residents in 2016. The leading causes of injury fatality for Kentucky residents in 2016 were *drug poisonings* (1,386), *unintentional motor vehicle traffic crashes* (791), and *falls* (340). Ninety-two percent of the poisonings were unintentional drug overdoses involving prescription medications and/or illicit drugs. The leading injury mechanisms among intentional deaths (suicides and homicides) were *firearms* (69%) and *suffocation/hanging* (16%).

There were 1,044 fatalities from traumatic brain injuries (TBI), where TBI was reported as a cause of death on the death certificate alone or in combination with other injuries or conditions. The majority of the TBI-related fatalities were either unintentional (49%) or intentional (49%).

Inpatient Hospitalizations

There were 25,045 injury-related inpatient hospitalization encounters among Kentucky residents in 2016. The leading causes of injury-related inpatient hospitalizations were *unintentional falls* (12,054), *drug poisonings* (4,390), and *motor vehicle traffic crashes* (2,714). The majority of unintentional fall-related hospitalizations occurred among Kentucky residents 55 years and older (86%). Of the 4,390 drug poisonings, 2,501 (57%) were unintentional and 1,683 (38%) were self-inflicted. The leading cause of intentional injury-related inpatient hospitalizations was *drug poisoning* (65%).

TBI-related injuries (either TBI alone or in combination with other injuries) accounted for 3,099 hospitalizations. The majority of the TBI-related inpatient hospitalizations were unintentional (86%).

Emergency Department Visits

There were 525,328 injury-related emergency department (ED) visits among Kentucky residents in 2016. The leading causes of injury-related ED visits were *unintentional falls* (152,590), being *struck by or against an object or person* (68,778), *motor vehicle traffic crashes* (58,336), and *cuts/piercings* (33,912). The leading cause of intentional injury-related ED visits was being *struck by/ against* (11,083).

TBI (either TBI alone or in combination with other injuries) accounted for 12,005 ED visits. The majority of the TBI-related ED visits were unintentional (85%).

Data Sources and Methods

Data sources

All data are provisional and subject to change.

Population Data

U.S. Census, Population Division. "Annual Estimates of the Resident Population by Single Year of Age and Sex for the US, States, and Puerto Rico Commonwealth: 2016 Population Estimates". Population is limited to Kentucky residents.

Mortality Data

Kentucky Death Certificate Database, Kentucky Office of Vital Statistics, Cabinet for Health and Family Services, Frankfort, KY.

Inpatient Hospitalization Discharge Data

Kentucky Inpatient Hospitalization Claims Files, Office of Health Data and Analytics, Cabinet for Health and Family Services, Frankfort, KY. Note: Counts represent encounters of care and could be greater than the number of individual patients treated at an acute care facility.

Emergency Department Visit Discharge Data

Kentucky Outpatient Services Database, Office of Health Data and Analytics, Cabinet for Health and Family Services, Frankfort, KY. Note: Counts represent encounters of care and could be greater than the number of individual patients treated.

Methods

All data were limited to Kentucky residents.

Injury Fatalities

The definitions for fatal injuries used in this report correspond to the Centers for Disease Control and Prevention (CDC)'s "State injury indicators report: Instructions for preparing 2016 data." The underlying cause of death field was used to identify the mechanism and manner of fatal injuries.

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 collision reports (PCRs) because the two systems do not report on identical underlying populations. Death certificates capture deaths of Kentucky residents regardless of where they occur; PCRs capture deaths that occur on Kentucky roads only, regardless of state of residence. Similarly, counts of homicides and assaults in this report will not match counts based on police crime reports. 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.

Injury Inpatient Hospitalizations

The definitions for injury hospitalizations used in this report correspond to the Council for State and Territorial Epidemiologists (CSTE) Injury Surveillance Toolkit. Hospitalizations were limited to discharges from nonfederal, acute care, or inpatient facilities. CDC's proposed surveillance definitions for injury hospitalizations were used; only initial encounters were included (seventh character of "A" or missing). The injury subset for hospitalizations was created by selecting discharges having a principal diagnosis code. The CDC's ICD-10-CM Poisoning and Non-Poisoning Matrices were used to categorize the injuries by mechanism and intent. The external causes of morbidity, which were used to provide injury details (e.g., intent, mechanism), are not required for discharge billing purposes; therefore, every injury hospitalization may not have this level of detail.

PLEASE NOTE: *In October 2015, healthcare discharge data (injury hospitalization encounters) coding systems transitioned to the International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) from ICD-9-CM. The coding system transition should be considered when interpreting the data, and trend analysis using ICD-9-CM coded data for some years and ICD-10-CM coded data for other years is not recommended due to substantial differences and a lack of one-to-one correspondence between ICD-9-CM and ICD-10-CM.*

Injury Emergency Department Visits

The definitions for injury emergency department (ED) visits used in this report correspond to the CSTE Injury Surveillance Toolkit. The CDC's proposed surveillance definitions for injury ED visits were used; only initial encounters were included (seventh character of "A" or missing) in the ED dataset using diagnosis codes or external cause codes. The CDC's ICD-10-CM Poisoning and Non-Poisoning Matrices were used to categorize the injuries by mechanism and intent. The external causes of morbidity, which were used to provide injury details (e.g., intent, mechanism) are not required for discharge billing purposes; therefore, every injury ED visit may not have this level of detail.

PLEASE NOTE: *In October 2015, healthcare discharge data (emergency department visit encounters) coding systems transitioned to the International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) from ICD-9-CM. The coding system transition should be considered when interpreting the data, and trend analysis using ICD-9-CM coded data for some years and ICD-10-CM coded data for other years is not recommended due to substantial differences and a lack of one-to-one correspondence between ICD-9-CM and ICD-10-CM.*

Calculation of Rates and Data Presentation

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 2016 and multiplying by 100,000. Age-adjusted rates were adjusted to the year 2000 standard population.

Data are presented as aggregated counts. Certain counts have been suppressed because either the observed number of injury events is very small (a count of at least one but fewer than five) and not appropriate for publication or the count can be used to calculate the number in a count that has been suppressed

***Definitions for “Leading Cause” by Age Group and Intent
Mortality and Discharge Data Tables***

Motor vehicle non-traffic (MV non-traffic)—Includes motor vehicle crashes that occurred somewhere other than on a public roadway.

Motor vehicle traffic (MV traffic)—This includes crashes that occurred on a public roadway and involved at least one motor vehicle. All persons injured in MV traffic incidents are counted here. Pedal cyclists 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 Cyclist, Other” definition).

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

Other Land Transport—Other land transportation. Includes motor vehicle crashes that occurred somewhere other than on a public roadway, rail injuries, etc. Does not include air or water injuries.

Other Specified—Other specified cause of injury. Includes a variety of relatively low-incidence causes of injury grouped together. Includes causes not elsewhere classified, an external cause of injury code that is intended for use when no other code exists to adequately describe the mechanism and manner of injury.

Pedal Cyclist, Other—Includes pedal cyclists who crashed on a public roadway without involvement of a motor vehicle.

Poisoning—Includes drug and non-drug poisonings, unless otherwise noted.

Tie— Indicates a tied count for a leading cause of injury-related mortality or morbidity.

Unspecified—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.

10 Leading Causes of Injury-Related Fatality by Age Group and Intent, 2016 Kentucky Residents

| Rank | Under 12 years old | 12-17 years old | 18-24 years old | 25-34 years old | 35-44 years old | 45-54 years old | 55-64 years old | 65 years and older |
|------|--------------------------------|--------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| 1 | Suffocation 20 | Motor Vehicle Traffic 34 | Motor Vehicle Traffic 118 | Poisoning 284 | Poisoning 405 | Poisoning 320 | Poisoning 190 | Fall 273 |
| 2 | Motor Vehicle Traffic 18 | Firearm 13 | Poisoning 84 | Motor Vehicle Traffic 127 | Motor Vehicle Traffic 109 | Motor Vehicle Traffic 119 | Motor Vehicle Traffic 121 | Unspecified 197 |
| 3 | Drowning 10 | Suffocation 11 | Firearm 57 | Firearm 57 | Firearm 77 | Firearm 99 | Firearm 78 | Motor Vehicle Traffic 144 |
| 4 | | Firearm 7 | Firearm 46 | Firearm 53 | Firearm 54 | Suffocation 33 | Fall 35 | Firearm 113 |
| 5 | | | Suffocation 20 | Suffocation 44 | Suffocation 32 | Firearm 32 | Fire/Flame 24 | Suffocation 41 |
| 6 | | Tie* 5 | Tie* 5 | Poisoning 13 | Poisoning 16 | Poisoning 18 | Poisoning 18 | Poisoning 35 |
| 7 | | | | Poisoning 8 | Poisoning 15 | Fall 14 | Suffocation 16 | Fire/Flame 28 |
| 8 | | | | Tie* 7 | Drowning 12 | Poisoning 12 | Suffocation 15 | Natural/ Environmental 15 |
| 9 | | | | Tie* 6 | Tie* 7 | Suffocation 10 | Unspecified 14 | Firearm 10 |
| 10 | | | | | Struck by/ Against 6 | Drowning 9 | Firearm 10 | Tie* 8 |

| Injury Intent | | | |
|---------------|---------|----------|--------------|
| Unintentional | Suicide | Homicide | Undetermined |

Counts less than five are not included in this matrix. Produced by the Kentucky Injury Prevention and Research Center, as bona fide agent for the Kentucky Department for Public Health. February 2021. This product was supported by grants numbers 5NU17CE924846 (Centers for Disease Control and Prevention) and 3048114413. Data source: Kentucky Death Certificate Database, Kentucky Office of Vital Statistics, Cabinet for Health and Family Services. Data are provisional and subject to change.

10 Leading Causes of Injury-Related Inpatient Hospitalizations by Age Group and Intent, 2016 Kentucky Residents

| Rank | Under 12 years old | 12-17 years old | 18-24 years old | 25-34 years old | 35-44 years old | 45-54 years old | 55-64 years old | 65 years and older |
|------|--------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|
| 1 | Fall 132 | Motor Vehicle Traffic 131 | Motor Vehicle Traffic 350 | Drug Poisoning 456 | Drug Poisoning 438 | Fall 811 | Fall 1,595 | Fall 8,811 |
| 2 | Motor Vehicle Traffic 91 | Drug Poisoning 122 | Drug Poisoning 254 | Motor Vehicle Traffic 420 | Motor Vehicle Traffic 388 | Drug Poisoning 519 | Drug Poisoning 455 | Motor Vehicle Traffic 505 |
| 3 | Child/ Adult Abuse 51 | Fall 68 | Drug Poisoning 191 | Drug Poisoning 312 | Drug Poisoning 368 | Motor Vehicle Traffic 454 | Motor Vehicle Traffic 366 | Drug Poisoning 367 |
| 4 | Drug Poisoning 44 | Other Land Transport 45 | Fall 73 | Fall 234 | Fall 331 | Drug Poisoning 348 | Drug Poisoning 200 | Struck By/Against 185 |
| 5 | Struck By/Against 31 | Drug Poisoning 31 | Firearm 55 | Other Land Transport 55 | Other Land Transport 69 | Other Land Transport 70 | Struck By/Against 70 | Unspecified 159 |
| 6 | Tie* 25 | Struck By/Against 22 | Other Land Transport 47 | Tie* 47 | Tie* 54 | Unspecified 57 | Other Land Transport 63 | Drug Poisoning 79 |
| 7 | Bite/Sting 20 | Motor Vehicle Non-Traffic 16 | Firearm 46 | Motor Vehicle Non-Traffic 40 | Motor Vehicle Non-Traffic 52 | Motor Vehicle Non-Traffic 48 | Unspecified 58 | Other Land Transport 53 |
| 8 | Hot Object/Substance 19 | Firearm 12 | Motor Vehicle Non-Traffic 41 | Drug Poisoning 39 | Unspecified 46 | Struck By/Against 44 | Motor Vehicle Non-Traffic 36 | Motor Vehicle Non-Traffic 48 |
| 9 | Tie* 14 | Cut/Pierce 8 | Struck By/Against 20 | Cut/Pierce 36 | Struck By/Against 34 | Drug Poisoning 43 | Tie* 30 | Foreign Body 46 |
| 10 | Pedal Cyclist, Other 11 | Tie* 7 | Tie* 19 | Firearm 32 | Firearm 31 | Struck By/Against 42 | Drug Poisoning 28 | Natural/ Environmental 45 |

| Injury Intent | | | |
|---------------|-----------|---------|--------------|
| Unintentional | Self-Harm | Assault | Undetermined |

*Indicates a tied count for leading injury-related inpatient hospitalizations.

Counts represent encounters of care and could be greater than the number of individual patients treated. Counts less than five are not included in this matrix. Produced by the Kentucky Injury Prevention and Research Center, as bona fide agent for the Kentucky Department for Public Health. July 2020. This product was supported by grants numbers 3048114413 and NU17 CE924846, funded by the Centers for Disease Control and Prevention. Data source: Kentucky inpatient hospitalization claims files, Office of Health Data and Analytics. Data are provisional and subject to change.



10 Leading Causes of Injury-Related Emergency Department Visits by Age Group and Intent, 2016

Kentucky Residents

| Rank | Under 12 years old | 12-17 years old | 18-24 years old | 25-34 years old | 35-44 years old | 45-54 years old | 55-64 years old | 65 years and older |
|------|-----------------------------------|-----------------------------------|---------------------------------------|------------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|
| 1 | Fall 28,657 | Fall 9,846 | Motor Vehicle Traffic 11,148 | Fall 14,289 | Fall 15,846 | Fall 17,886 | Fall 17,852 | Fall 39,121 |
| 2 | Struck By/Against 12,826 | Struck By/Against 9,017 | Fall 9,108 | Motor Vehicle Traffic 11,854 | Unspecified 9,062 | Motor Vehicle Traffic 7,706 | Motor Vehicle Traffic 5,455 | Unspecified 4,789 |
| 3 | Unspecified 7,061 | Unspecified 5,545 | Struck By/Against 6,865 | Unspecified 10,081 | Motor Vehicle Traffic 9,026 | Unspecified 7,657 | Unspecified 4,864 | Struck By/Against 4,522 |
| 4 | Bite/Sting 5,670 | Motor Vehicle Traffic 4,654 | Unspecified 6,479 | Struck By/Against 8,212 | Struck By/Against 6,764 | Struck By/Against 5,416 | Struck By/Against 3,817 | Motor Vehicle Traffic 4,056 |
| 5 | Motor Vehicle Traffic 4,364 | Cut/Pierce 2,691 | Cut/Pierce 4,715 | Cut/Pierce 6,053 | Cut/Pierce 4,872 | Cut/Pierce 3,977 | Cut/Pierce 2,953 | Cut/Pierce 2,386 |
| 6 | Cut/Pierce 4,215 | Bite/Sting 1,424 | Struck By/Against 2,193 | Drug Poisoning 3,033 | Bite/Sting 2,440 | Bite/Sting 2,242 | Bite/Sting 1,554 | Bite/Sting 1,434 |
| 7 | Foreign Body 2,620 | Struck By/Against 1,173 | Bite/Sting 2,078 | Struck By/Against 2,971 | Struck By/Against 2,115 | Struck By/Against 1,490 | Drug Poisoning 725 | Foreign Body 765 |
| 8 | Other Specified 2,239 | Other Land Transport 1,103 | Other Specified 1,274 | Bite/Sting 2,918 | Drug Poisoning 1,875 | Drug Poisoning 1,167 | Tie* 675 | Drug Poisoning 657 |
| 9 | Pedal Cyclist, Other 1,029 | Other Specified 1,023 | Drug Poisoning 1,240 | Other Specified 1,548 | Overexertion 1,427 | Overexertion 1,160 | Struck By/Against 672 | Other Specified 576 |
| 10 | Hot Object/Substance 994 | Overexertion 914 | Motor Vehicle Non-Traffic 1,035 | Overexertion 1,494 | Other Specified 1,322 | Other Specified 988 | Foreign Body 512 | Overexertion 567 |

| Unintentional | Self-Harm | Assault | Undetermined |
|---------------|-----------|---------|--------------|
|---------------|-----------|---------|--------------|

*Indicates a tied count for leading injury-related Emergency Department visits.

Counts represent encounters of care and could be greater than the number of individual patients treated. Counts less than five are not included in this matrix. Produced by the Kentucky Injury Prevention and Research Center, as bona fide agent for the Kentucky Department for Public Health. July 2020. This product was supported by grants numbers 3048114413 and NU17 CE924846, funded by the Centers for Disease Control and Prevention. Data source: Kentucky Outpatient Services Database, Office of Health Data and Analytics. Data are provisional and subject to change.

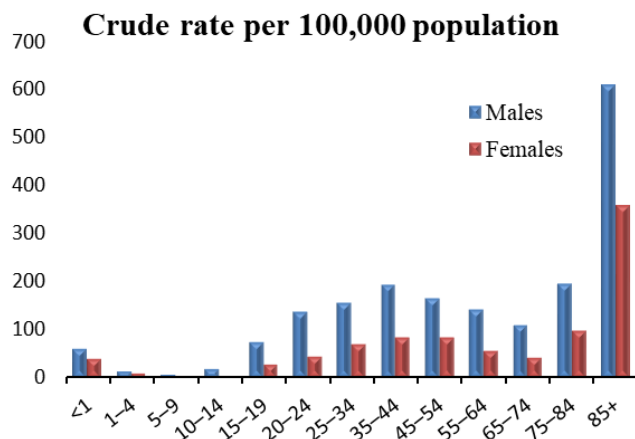
All Injuries by Age and Sex

Fatalities

Total: 4,199 (93.6*)

Males: 2,816 (130.8*)

Females: 1,383 (58.6*)



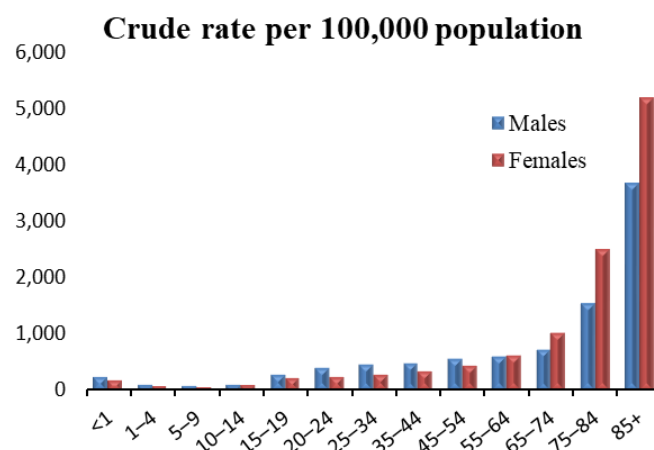
| Age | Males | Females |
|-------|-------|---------|
| <1 | 17 | 11 |
| 1-4 | 15 | 9 |
| 5-9 | 9 | 6 |
| 10-14 | 26 | 7 |
| 15-19 | 111 | 39 |
| 20-24 | 220 | 66 |
| 25-34 | 454 | 202 |
| 35-44 | 537 | 231 |
| 45-54 | 487 | 251 |
| 55-64 | 404 | 168 |
| 65-74 | 211 | 91 |
| 75-84 | 167 | 113 |
| 85+ | 158 | 189 |

Inpatient Hospitalizations

Total: 25,045 (523.1*)

Males: 11,164 (510.8*)

Females: 13,881 (519.2*)



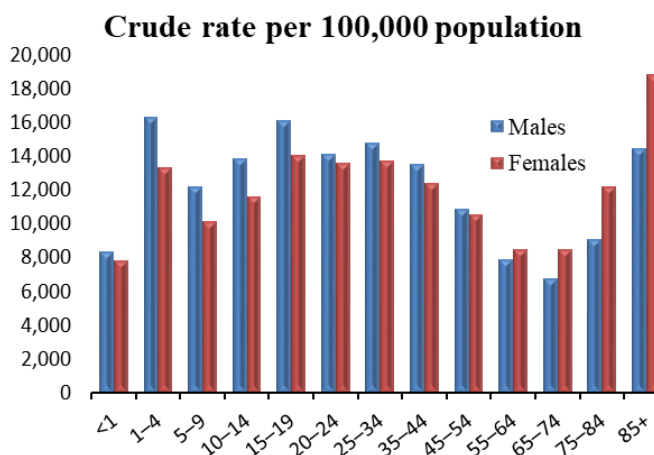
| Age | Males | Females |
|-------|-------|---------|
| <1 | 68 | 50 |
| 1-4 | 123 | 81 |
| 5-9 | 103 | 78 |
| 10-14 | 145 | 135 |
| 15-19 | 417 | 315 |
| 20-24 | 638 | 354 |
| 25-34 | 1,317 | 823 |
| 35-44 | 1,355 | 950 |
| 45-54 | 1,638 | 1,344 |
| 55-64 | 1,685 | 1,878 |
| 65-74 | 1,403 | 2,247 |
| 75-84 | 1,324 | 2,879 |
| 85+ | 948 | 2,747 |

Emergency Department Visits

Total: 525,328 (12,192.6*)

Males: 265,003 (12,503.0*)

Females: 260,325 (11,811.4*)

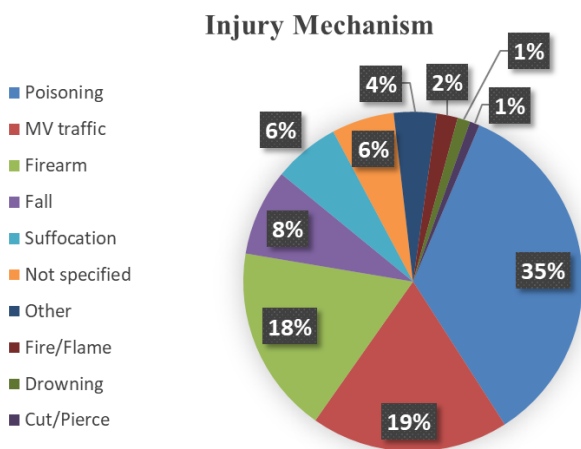


| Age | Males | Females |
|-------|--------|---------|
| <1 | 2,358 | 2,128 |
| 1-4 | 18,602 | 14,403 |
| 5-9 | 17,474 | 13,906 |
| 10-14 | 20,077 | 16,017 |
| 15-19 | 23,829 | 19,752 |
| 20-24 | 22,623 | 20,038 |
| 25-34 | 43,187 | 39,168 |
| 35-44 | 37,592 | 34,393 |
| 45-54 | 32,134 | 31,811 |
| 55-64 | 22,482 | 26,084 |
| 65-74 | 13,060 | 18,540 |
| 75-84 | 7,818 | 14,034 |
| 85+ | 3,767 | 10,051 |

*Age-adjusted rate per 100,000 population

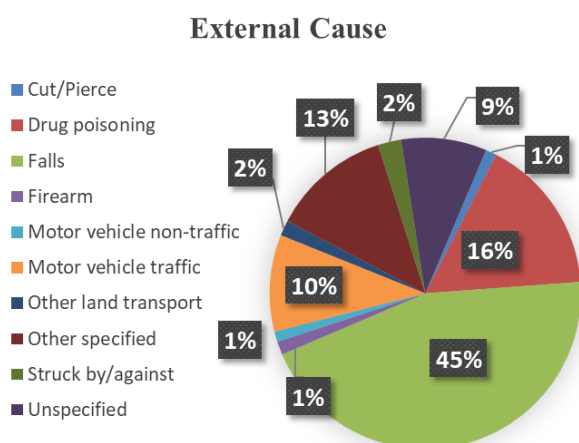
All Injuries by External Cause

Fatalities



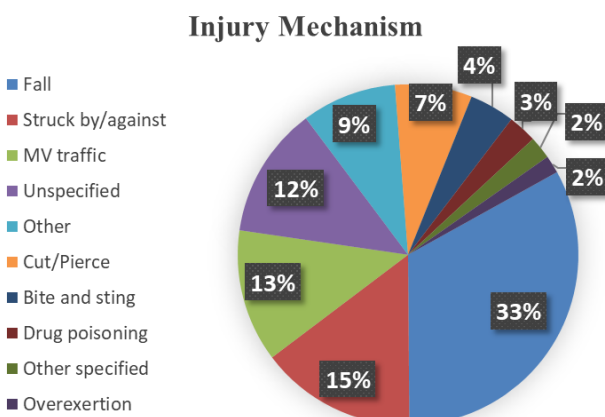
| Injury Mechanism | Count |
|------------------|-------|
| Poisoning | 1,450 |
| MV traffic | 791 |
| Firearm | 751 |
| Fall | 347 |
| Suffocation | 265 |
| Not specified | 250 |
| Other | 171 |
| Fire/Flame | 84 |
| Drowning | 51 |
| Cut/Pierce | 39 |

Inpatient Hospitalizations



| Injury Mechanism | Count |
|----------------------|--------|
| Fall | 12,062 |
| Drug poisoning | 4,390 |
| MV traffic | 2,714 |
| Unspecified | 2,391 |
| Other | 1,440 |
| Struck by/against | 651 |
| Other land transport | 427 |
| Firearm | 369 |
| Cut/Pierce | 310 |
| MV non-traffic | 291 |

Emergency Department Visits



| Injury Mechanism | Count |
|-------------------|---------|
| Fall | 152,636 |
| Struck by/against | 68,778 |
| MV traffic | 58,336 |
| Unspecified | 57,794 |
| Other | 41,718 |
| Cut/Pierce | 33,912 |
| Bites and stings | 19,905 |
| Drug poisoning | 12,650 |
| Other specified | 9,952 |
| Overexertion | 7,812 |

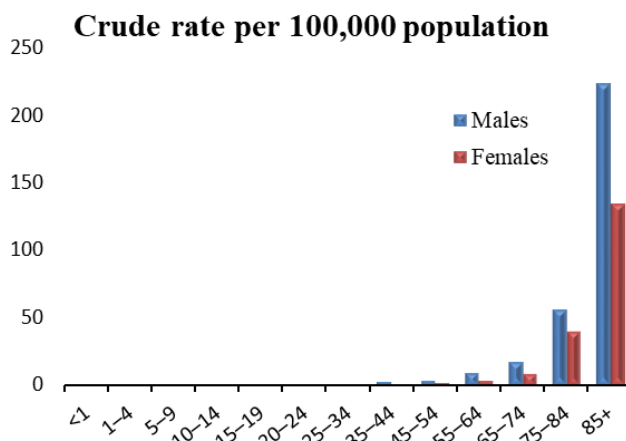
Unintentional Falls by Age and Sex

Fatalities

Total: 340 (6.7*)

Males: 185 (8.9*)

Females: 155 (5.2*)



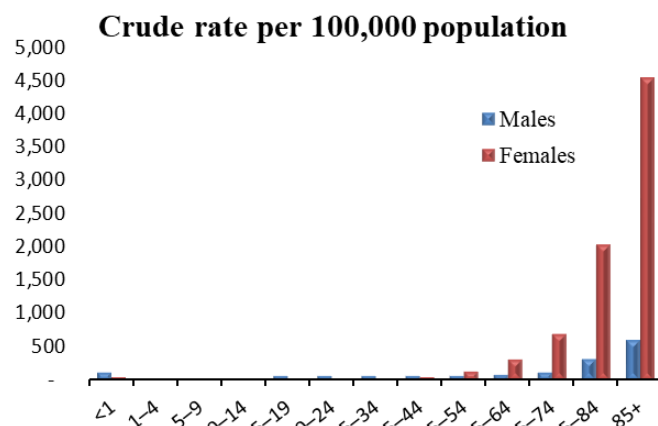
| Age | Males | Females |
|-------|-------|---------|
| <1 | 0 | 0 |
| 1-4 | 0 | 0 |
| 5-9 | 0 | 0 |
| 10-14 | # | 0 |
| 15-19 | # | 0 |
| 20-24 | # | # |
| 25-34 | # | # |
| 35-44 | 5 | # |
| 45-54 | 9 | 5 |
| 55-64 | 25 | 10 |
| 65-74 | 33 | 18 |
| 75-84 | 48 | 45 |
| 85+ | 58 | 71 |

Inpatient Hospitalization

Total: 12,054 (237.4*)

Males: 4,121 (189.4*)

Females: 7,933 (269.2*)



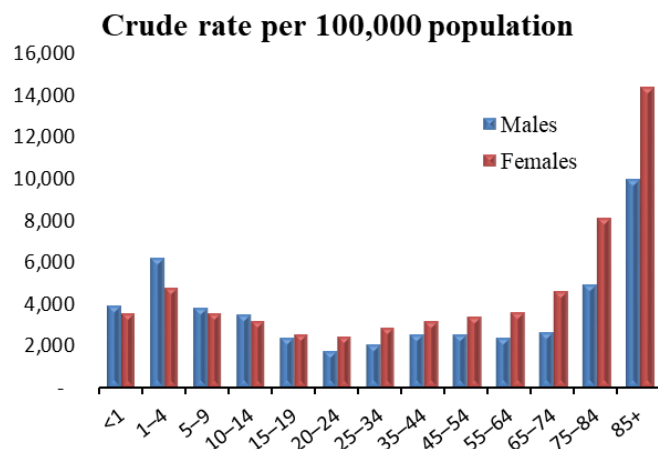
| Age | Males | Females |
|-------|-------|---------|
| <1 | 12 | 15 |
| 1-4 | 30 | 18 |
| 5-9 | 26 | 18 |
| 10-14 | 37 | 18 |
| 15-19 | 36 | 14 |
| 20-24 | 32 | 17 |
| 25-34 | 163 | 71 |
| 35-44 | 193 | 138 |
| 45-54 | 417 | 394 |
| 55-64 | 649 | 946 |
| 65-74 | 816 | 1,526 |
| 75-84 | 943 | 2,346 |
| 85+ | 767 | 2,412 |

Emergency Department Visits

Total: 152,590 (3,408.9*)

Males: 64,445 (3,024.7*)

Females: 88,145 (3,735.2*)



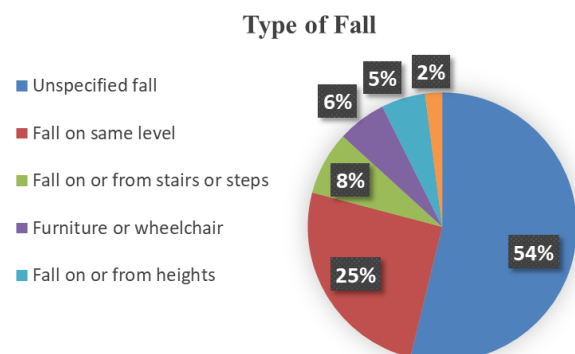
| Age | Males | Females |
|-------|-------|---------|
| <1 | 1,119 | 958 |
| 1-4 | 7,081 | 5,162 |
| 5-9 | 5,431 | 4,830 |
| 10-14 | 5,082 | 4,428 |
| 15-19 | 3,549 | 3,584 |
| 20-24 | 2,798 | 3,587 |
| 25-34 | 6,087 | 8,201 |
| 35-44 | 6,976 | 8,869 |
| 45-54 | 7,558 | 10,323 |
| 55-64 | 6,795 | 11,056 |
| 65-74 | 5,124 | 10,124 |
| 75-84 | 4,244 | 9,358 |
| 85+ | 2,601 | 7,665 |

*Age-adjusted rate per 100,000 population

#At least one but fewer than five

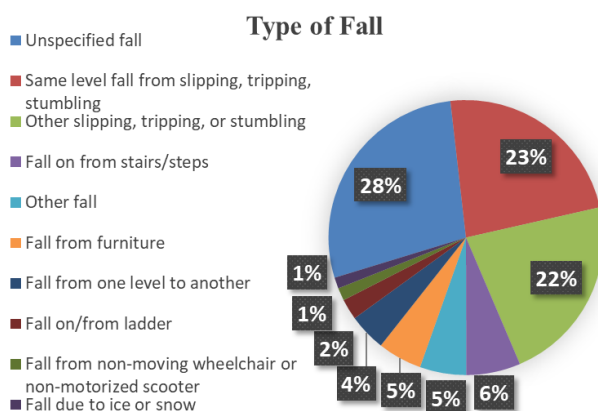
Unintentional Falls by Type of Fall

Fatalities



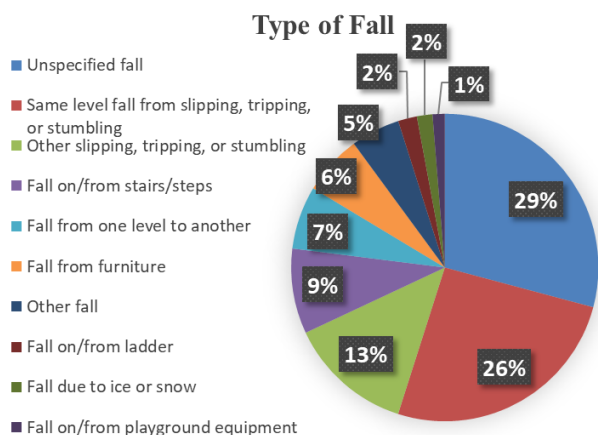
| Type of Fall | Count |
|--------------------------------------|-------|
| Unspecified fall | 183 |
| Fall on same level | 86 |
| Fall on or from stairs or steps | 26 |
| Furniture or wheelchair | 20 |
| Fall on or from heights | 18 |
| Other fall from one level to another | 7 |

Inpatient Hospitalizations



| Type of Fall | Count |
|--|-------|
| Unspecified fall | 3,364 |
| Same level fall from slipping, tripping, stumbling | 2,805 |
| Other slipping, tripping, or stumbling | 2,667 |
| Fall on/from stairs/steps | 770 |
| Other fall | 658 |
| Fall from furniture | 628 |
| Fall from one level to another | 529 |
| Fall on/from ladder | 296 |
| Fall from non-moving wheelchair or non-motorized scooter | 180 |
| Fall due to ice or snow | 157 |

Emergency Department Visits



| Type of Fall | Count |
|---|--------|
| Unspecified fall | 44,497 |
| Same level fall from slipping, tripping, or stumbling | 39,314 |
| Other slipping, tripping, or stumbling | 19,990 |
| Fall on/from stairs/steps | 13,655 |
| Fall from one level to another | 10,134 |
| Fall from furniture | 9,605 |
| Other fall | 7,907 |
| Fall on/from ladder | 3,037 |
| Fall due to ice or snow | 2,492 |
| Fall on/from playground equipment | 1,959 |

Unintentional Fire-Related Injuries by Age and Sex

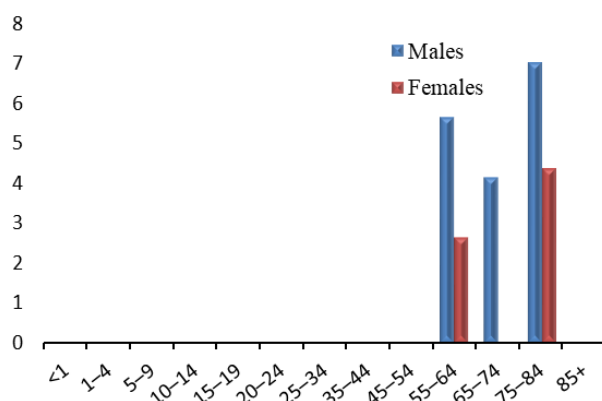
Fatalities

Total: 77 (1.5*)

Males: 47 (1.9*)

Females: 30 (1.2*)

Crude rate per 100,000 population



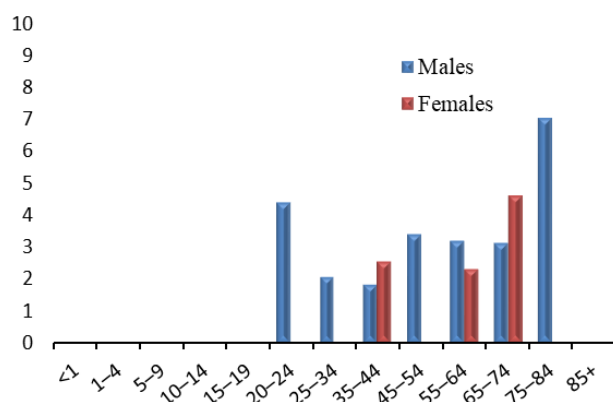
| Age | Males | Females |
|-------|-------|---------|
| <1 | 0 | 0 |
| 1-4 | # | # |
| 5-9 | 0 | 0 |
| 10-14 | 0 | 0 |
| 15-19 | 0 | # |
| 20-24 | # | # |
| 25-34 | # | # |
| 35-44 | # | # |
| 45-54 | # | # |
| 55-64 | 16 | 8 |
| 65-74 | 8 | # |
| 75-84 | 6 | 5 |
| 85+ | # | # |

Inpatient Hospitalizations

Total: 96 (2.0*) Males: 56 (2.5*)

Females: 40 (1.6*)

Crude rate per 100,000 population



| Age | Males | Females |
|-------|-------|---------|
| <1 | 0 | 0 |
| 1-4 | # | # |
| 5-9 | # | 0 |
| 10-14 | # | # |
| 15-19 | # | # |
| 20-24 | 7 | # |
| 25-34 | 6 | # |
| 35-44 | 5 | 7 |
| 45-54 | 10 | # |
| 55-64 | 9 | 7 |
| 65-74 | 6 | 10 |
| 75-84 | 6 | 0 |
| 85+ | 0 | # |

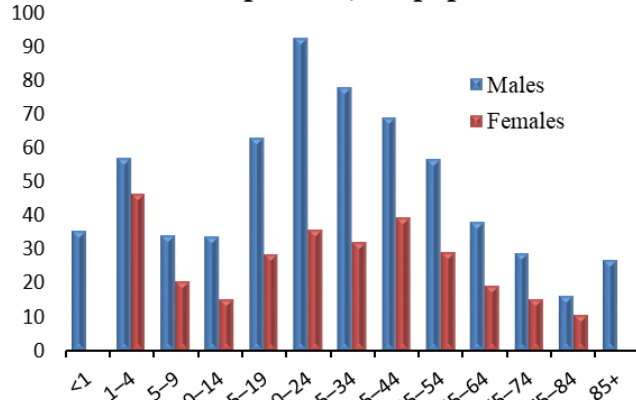
Emergency Department Visits

Total: 1,780 (41.6*)

Males: 1,185 (55.2*)

Females: 595 (28.0*)

Crude rate per 100,000 population



| Age | Males | Females |
|-------|-------|---------|
| <1 | 10 | ## |
| 1-4 | 65 | 50 |
| 5-9 | 49 | 28 |
| 10-14 | 49 | 21 |
| 15-19 | 93 | 40 |
| 20-24 | 148 | 53 |
| 25-34 | 227 | 92 |
| 35-44 | 191 | 109 |
| 45-54 | 167 | 88 |
| 55-64 | 109 | 59 |
| 65-74 | 56 | 33 |
| 75-84 | 14 | 12 |
| 85+ | 7 | # |

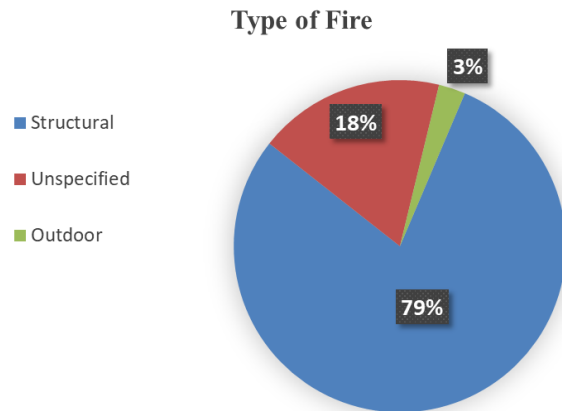
*Age-adjusted rate per 100,000 population

#At least one but fewer than five

##Suppressed to prevent indirect disclosure

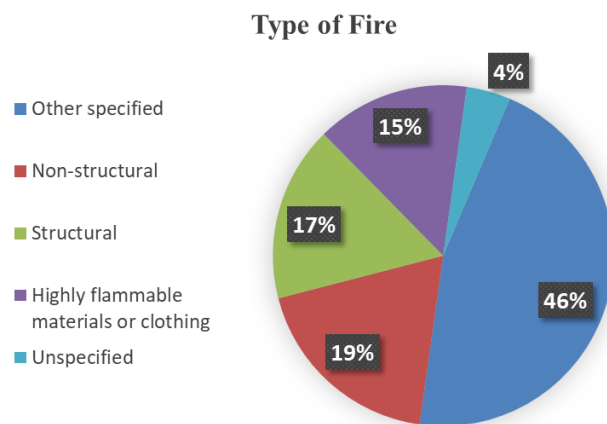
Unintentional Fire-Related Injuries by Type of Fire

Fatalities



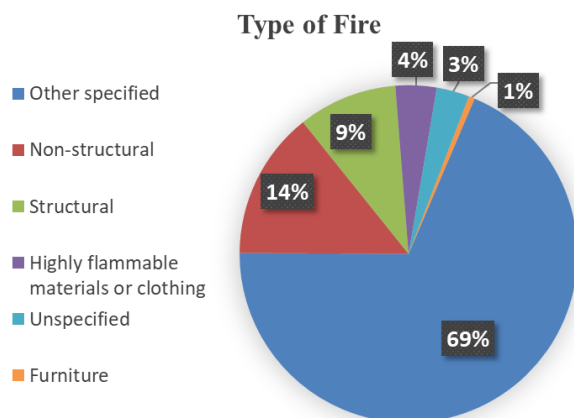
| Type of Fire | Count |
|--------------|-------|
| Structural | 61 |
| Unspecified | ## |
| Outdoor | # |

Inpatient Hospitalizations



| Mechanism of Injury | Count |
|--|-------|
| Other specified | 44 |
| Non-structural | 18 |
| Structural | 16 |
| Highly flammable materials or clothing | ## |
| Unspecified | # |

Emergency Department Visits



| Type of Fire | Count |
|--|-------|
| Other specified | 1,223 |
| Non-structural | 252 |
| Structural | 169 |
| Highly flammable materials or clothing | 70 |
| Unspecified | 56 |
| Furniture | 10 |

#At least one but fewer than five

##Suppressed to prevent indirect disclosure

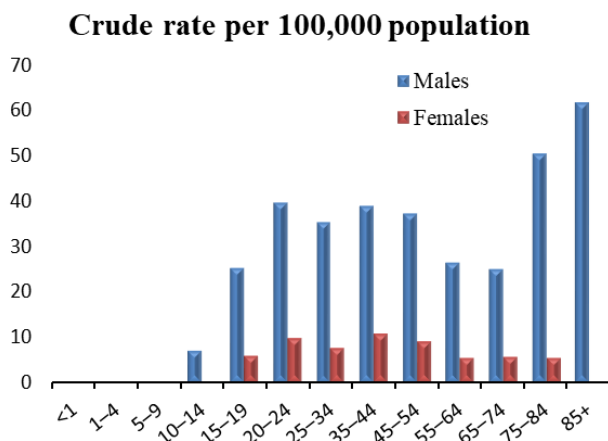
Firearm-Related Injuries - by Age and Sex

Fatalities

Total: 751 (16.9*)

Males: 613 (28.3*)

Females: 138 (6.2*)



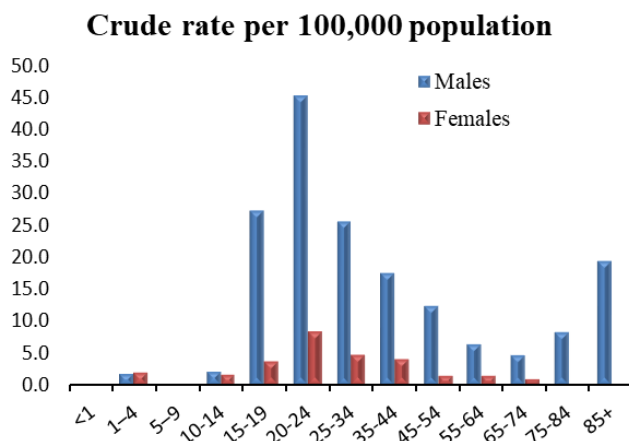
| Age | Males | Females |
|-------|-------|---------|
| <1 | 0 | 0 |
| 1-4 | # | # |
| 5-9 | # | 0 |
| 10-14 | 10 | # |
| 15-19 | 37 | 8 |
| 20-24 | 63 | 14 |
| 25-34 | 102 | 21 |
| 35-44 | 107 | 29 |
| 45-54 | 109 | 27 |
| 55-64 | 75 | 16 |
| 65-74 | 48 | 12 |
| 75-84 | 43 | 6 |
| 85+ | 16 | # |

Inpatient Hospitalizations

Total: 369 (8.6*)

Males: 314 (14.7*)

Females: 55 (2.6*)



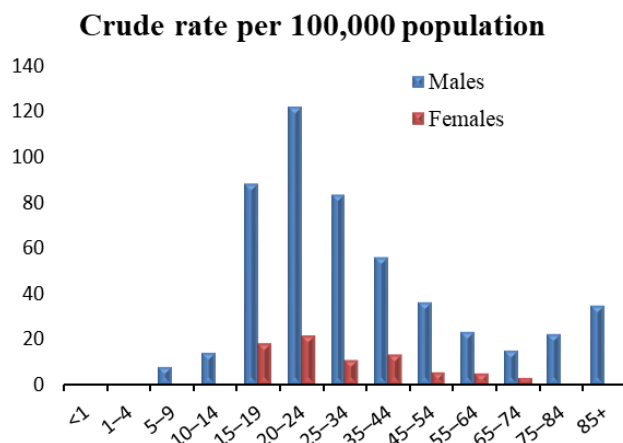
| Age | Males | Females |
|-------|-------|---------|
| <1 | 0 | 0 |
| 1-4 | # | # |
| 5-9 | 0 | 0 |
| 10-14 | # | # |
| 15-19 | 40 | 5 |
| 20-24 | 72 | 12 |
| 25-34 | 74 | 13 |
| 35-44 | 48 | 11 |
| 45-54 | 36 | # |
| 55-64 | 18 | # |
| 65-74 | 9 | # |
| 75-84 | 7 | 0 |
| 85+ | 5 | 0 |

Emergency Department Visits

Total: 1,151 (27.0*)

Males: 982 (45.9*)

Females: 169 (8.1*)



| Age | Males | Females |
|-------|-------|---------|
| <1 | ## | 0 |
| 1-4 | # | # |
| 5-9 | 11 | # |
| 10-14 | 20 | # |
| 15-19 | 130 | 25 |
| 20-24 | 194 | 31 |
| 25-34 | 242 | 30 |
| 35-44 | 154 | 36 |
| 45-54 | 106 | 16 |
| 55-64 | 65 | 14 |
| 65-74 | 29 | 6 |
| 75-84 | 19 | # |
| 85+ | 9 | 0 |

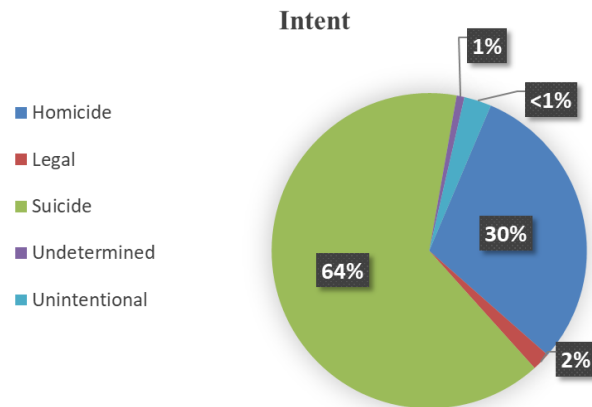
*Age-adjusted rate per 100,000 population

#At least one but fewer than five

##Suppressed to prevent indirect disclosure

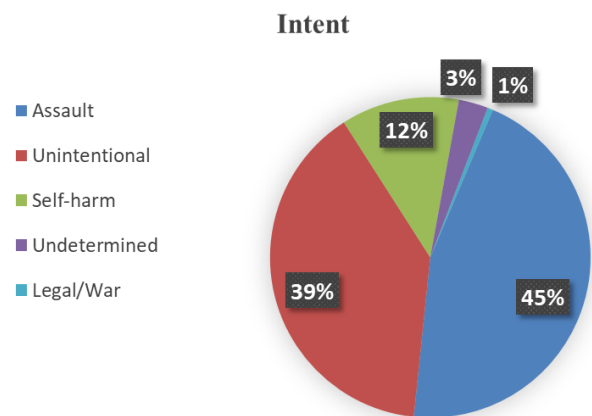
Firearm-Related Injuries by Intent

Fatalities



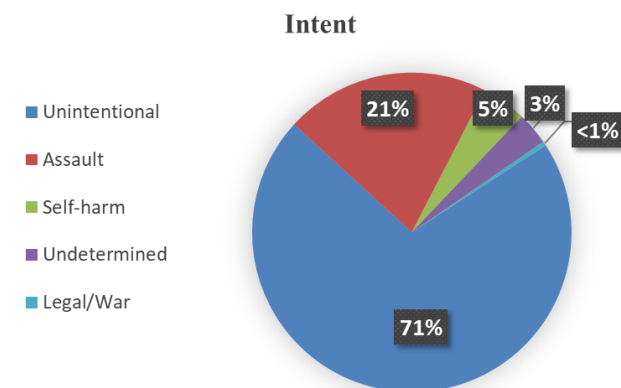
| Intent | Count |
|---------------|-------|
| Suicide | 484 |
| Homicide | 226 |
| Unintentional | 21 |
| Legal | 14 |
| Undetermined | 6 |

Inpatient Hospitalizations



| Intent | Count |
|---------------|-------|
| Assault | 167 |
| Unintentional | 145 |
| Self-harm | 44 |
| Undetermined | ## |
| Legal/War | # |

Emergency Department Visits



| Intent | Count |
|---------------|-------|
| Unintentional | 817 |
| Assault | 239 |
| Self-harm | 52 |
| Undetermined | 38 |
| Legal/War | 5 |

#At least one but fewer than five

##Suppressed to prevent indirect disclosure

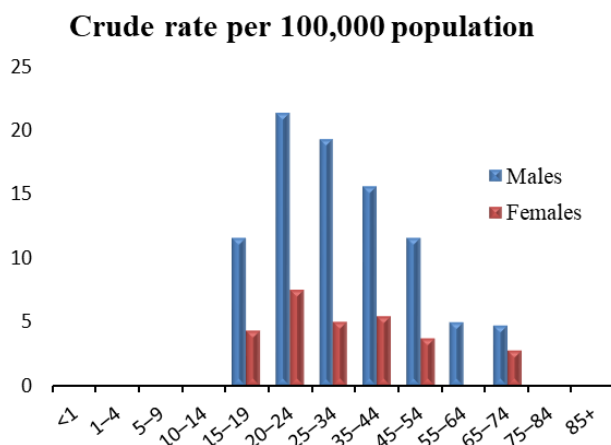
Homicide and Assault by Age and Sex

Fatalities

Total: 292 (6.9*)

Males: 215 (10.1*)

Females: 77 (3.6*)



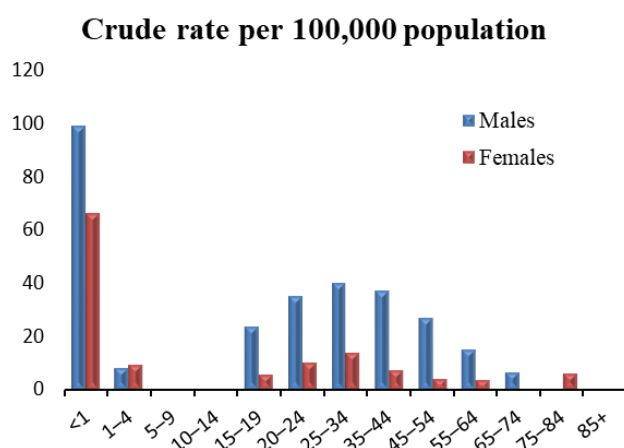
| Age | Males | Females |
|-------|-------|---------|
| <1 | # | # |
| 1-4 | # | # |
| 5-9 | # | 0 |
| 10-14 | # | # |
| 15-19 | 17 | 6 |
| 20-24 | 34 | 11 |
| 25-34 | 56 | 14 |
| 35-44 | 43 | 15 |
| 45-54 | 34 | 11 |
| 55-64 | 14 | # |
| 65-74 | 9 | 6 |
| 75-84 | # | # |
| 85+ | 0 | # |

Inpatient Hospitalizations

Total: 639 (15.1*)

Males: 487 (23.0*)

Females: 152 (7.1*)



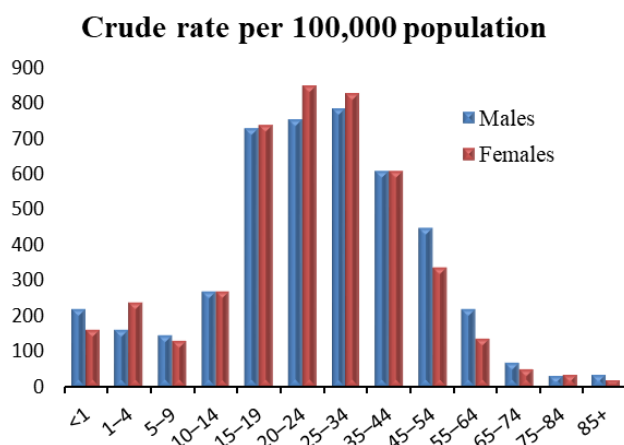
| Age | Males | Females |
|-------|-------|---------|
| <1 | 28 | 18 |
| 1-4 | 9 | 10 |
| 5-9 | # | # |
| 10-14 | # | 0 |
| 15-19 | 35 | 8 |
| 20-24 | 56 | 15 |
| 25-34 | 116 | 39 |
| 35-44 | 103 | 20 |
| 45-54 | 79 | 12 |
| 55-64 | 43 | 11 |
| 65-74 | 12 | # |
| 75-84 | # | 7 |
| 85+ | 0 | # |

Emergency Department Visits

Total: 17,883 (429.8*)

Males: 9,152 (434.4*)

Females: 8,731 (426.1*)



| Age | Males | Females |
|-------|-------|---------|
| <1 | 62 | 43 |
| 1-4 | 183 | 256 |
| 5-9 | 207 | 178 |
| 10-14 | 384 | 370 |
| 15-19 | 1,070 | 1,032 |
| 20-24 | 1,198 | 1,247 |
| 25-34 | 2,269 | 2,348 |
| 35-44 | 1,678 | 1,674 |
| 45-54 | 1,312 | 1,014 |
| 55-64 | 622 | 411 |
| 65-74 | 133 | 109 |
| 75-84 | 25 | 39 |
| 85+ | 9 | 10 |

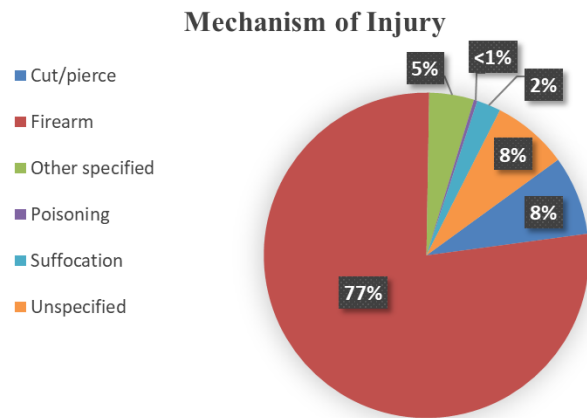
*Age-adjusted rate per 100,000 population

#At least one but fewer than five

##Suppressed to prevent indirect disclosure

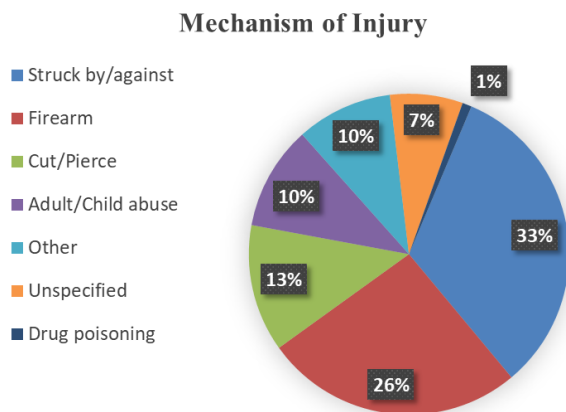
Homicide and Assault by Mechanism of Injury

Fatalities



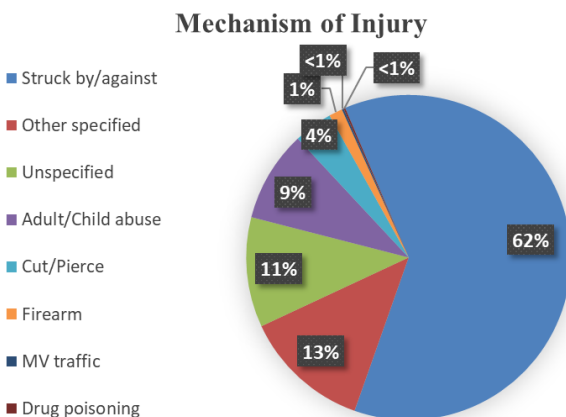
| Mechanism of Injury | Count |
|---------------------|-------|
| Firearm | 226 |
| Cut/pierce | 23 |
| Unspecified | 22 |
| Other specified | 13 |
| Suffocation | ## |
| Poisoning | # |

Inpatient Hospitalizations



| Mechanism of Injury | Count |
|---------------------|-------|
| Struck by/against | 208 |
| Firearm | 167 |
| Cut/Pierce | 82 |
| Adult/Child abuse | 67 |
| Other | 62 |
| Unspecified | 47 |
| Drug poisoning | 6 |

Emergency Department Visits



| Mechanism of Injury | Count |
|---------------------|--------|
| Struck by/against | 11,050 |
| Other specified | 2,263 |
| Unspecified | 1,957 |
| Adult/Child abuse | 1,619 |
| Cut/Pierce | 691 |
| Firearm | 239 |
| MV traffic | 34 |
| Drug poisoning | 30 |

#At least one but fewer than five

##Suppressed to prevent indirect disclosure

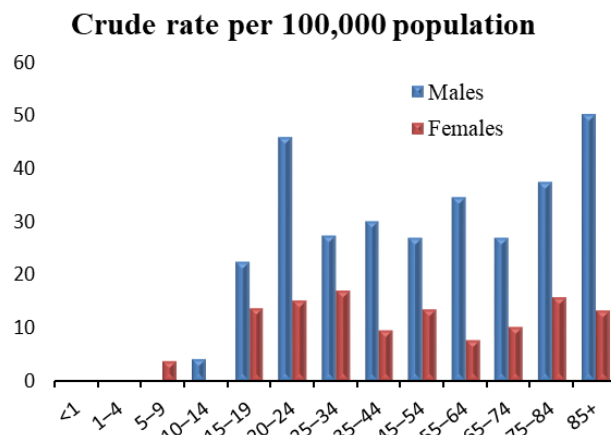
Unintentional MV Traffic Crashes by Age and Sex

Fatalities

Total: 791 (17.4*)

Males: 555 (24.7*)

Females: 236 (10.4*)



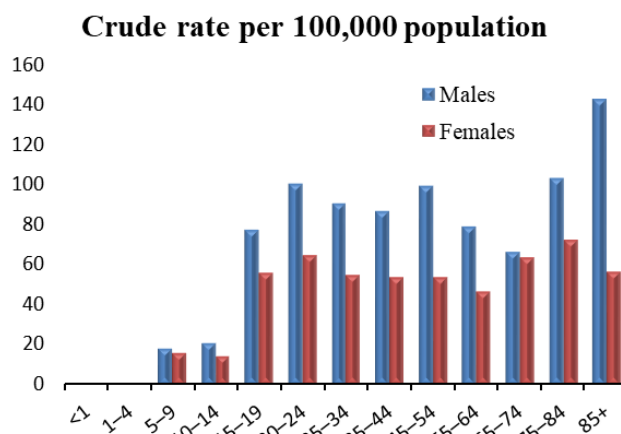
| Age | Males | Females |
|-------|-------|---------|
| <1 | 0 | 0 |
| 1-4 | # | # |
| 5-9 | # | 5 |
| 10-14 | 6 | # |
| 15-19 | 33 | 19 |
| 20-24 | 73 | 22 |
| 25-34 | 79 | 48 |
| 35-44 | 83 | 26 |
| 45-54 | 79 | 40 |
| 55-64 | 98 | 23 |
| 65-74 | 52 | 22 |
| 75-84 | 32 | 18 |
| 85+ | 13 | 7 |

Inpatient Hospitalizations

Total: 2,704 (59.9*)

Males: 1,620 (73.8*)

Females: 1,084 (46.7*)



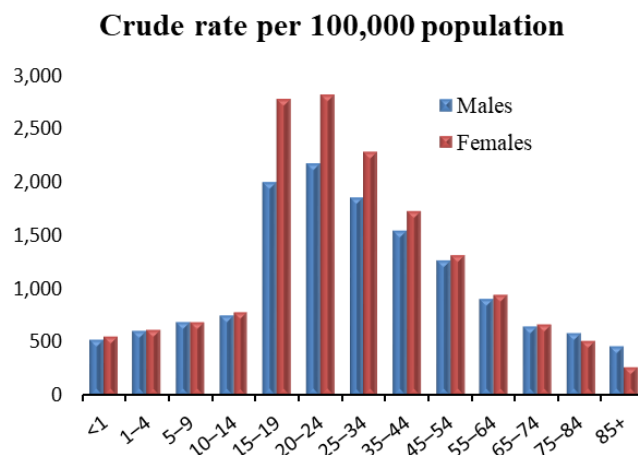
| Age | Males | Females |
|-------|-------|---------|
| <1 | # | # |
| 1-4 | ## | ## |
| 5-9 | 26 | 22 |
| 10-14 | 30 | 20 |
| 15-19 | 114 | 78 |
| 20-24 | 160 | 95 |
| 25-34 | 263 | 157 |
| 35-44 | 240 | 148 |
| 45-54 | 291 | 162 |
| 55-64 | 224 | 142 |
| 65-74 | 128 | 139 |
| 75-84 | 88 | 83 |
| 85+ | 37 | 30 |

Emergency Department Visits

Total: 58,261 (1,355.8*)

Males: 27,067 (1,259.2*)

Females: 31,194 (1,457.3*)



| Age | Males | Females |
|-------|-------|---------|
| <1 | 147 | 150 |
| 1-4 | 688 | 667 |
| 5-9 | 984 | 933 |
| 10-14 | 1,078 | 1,082 |
| 15-19 | 2,945 | 3,888 |
| 20-24 | 3,452 | 4,152 |
| 25-34 | 5,363 | 6,491 |
| 35-44 | 4,255 | 4,770 |
| 45-54 | 3,731 | 3,975 |
| 55-64 | 2,559 | 2,895 |
| 65-74 | 1,243 | 1,458 |
| 75-84 | 501 | 590 |
| 85+ | 121 | 143 |

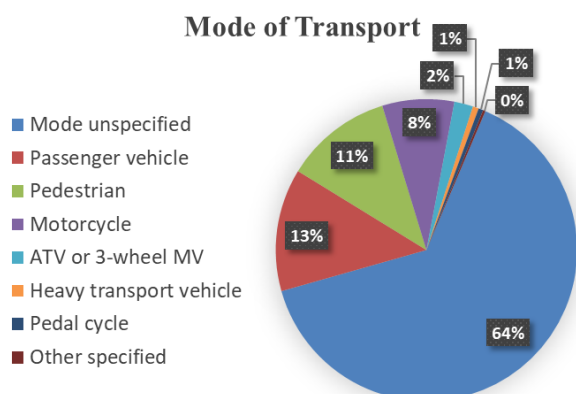
*Age-adjusted rate per 100,000 population

#At least one but fewer than five

##Suppressed to prevent indirect disclosure

Unintentional MV Traffic Crashes- by Mode of Transport

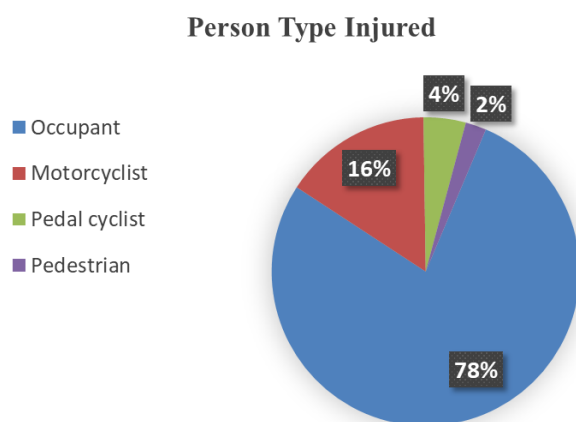
Fatalities



| Mode of Transport | Count |
|-------------------------|-------|
| Mode unspecified | 508 |
| Passenger vehicle | 104 |
| Pedestrian | 91 |
| Motorcycle | 61 |
| ATV or 3-wheel MV | 16 |
| Heavy transport vehicle | 5 |
| Pedal cycle | # |
| Other specified | # |

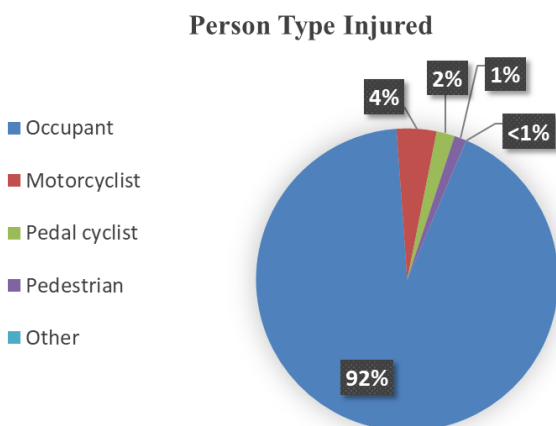
Note: "Other specified" includes persons whose mode of transport was an animal, animal-drawn vehicle, railway train, railway vehicle, streetcar, special vehicle mainly used on industrial premises, or special construction vehicle.

Inpatient Hospitalizations



| Person Type Injured | Count |
|---------------------|-------|
| Occupant | 2,104 |
| Motorcyclist | 421 |
| Pedal cyclist | 120 |
| Pedestrian | 59 |

Emergency Department Visits



| Person Type Injured | Count |
|---------------------|--------|
| Occupant | 53,879 |
| Motorcyclist | 2,485 |
| Pedal cyclist | 1,140 |
| Pedestrian | 749 |
| Other | 8 |

#At least one but fewer than five

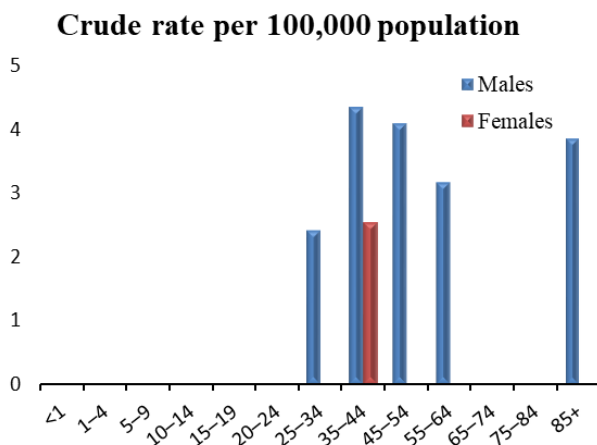
Non-Drug Poisoning by Age and Sex

Fatalities

Total: 64 (1.5*)

Males: 45 (2.1*)

Females: 19 (0.9*)



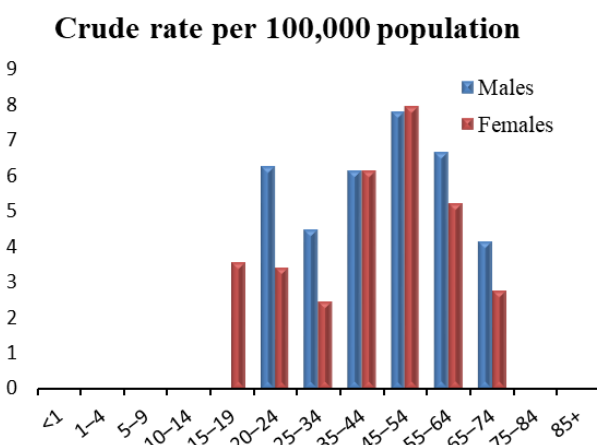
| Age | Males | Females |
|-------|-------|---------|
| <1 | 0 | 0 |
| 1-4 | 0 | 0 |
| 5-9 | 0 | 0 |
| 10-14 | 0 | 0 |
| 15-19 | # | 0 |
| 20-24 | # | 0 |
| 25-34 | 7 | # |
| 35-44 | 12 | 7 |
| 45-54 | 12 | # |
| 55-64 | 9 | # |
| 65-74 | # | 0 |
| 75-84 | # | # |
| 85+ | 0 | # |

Inpatient Hospitalizations

Total: 194 (4.3*)

Males: 104 (4.7*)

Females: 90 (3.9*)



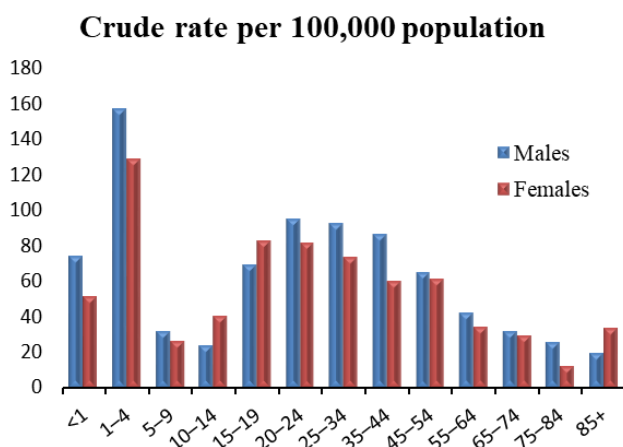
| Age | Males | Females |
|-------|-------|---------|
| <1 | 0 | 0 |
| 1-4 | # | # |
| 5-9 | 0 | # |
| 10-14 | 0 | # |
| 15-19 | # | 5 |
| 20-24 | 10 | 5 |
| 25-34 | 13 | 7 |
| 35-44 | 17 | 17 |
| 45-54 | 23 | 24 |
| 55-64 | 19 | 16 |
| 65-74 | 8 | 6 |
| 75-84 | # | # |
| 85+ | # | # |

Emergency Department Visits

Total: 2,687 (63.0*)

Males: 1,442 (67.8*)

Females: 1,245 (58.3*)



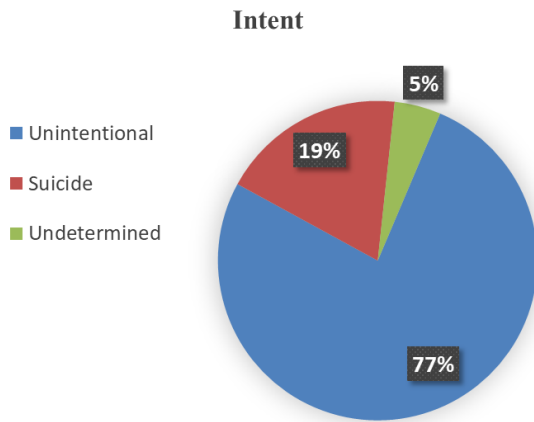
| Age | Males | Females |
|-------|-------|---------|
| <1 | 21 | 14 |
| 1-4 | 179 | 139 |
| 5-9 | 45 | 36 |
| 10-14 | 34 | 56 |
| 15-19 | 102 | 116 |
| 20-24 | 152 | 120 |
| 25-34 | 270 | 210 |
| 35-44 | 240 | 167 |
| 45-54 | 191 | 186 |
| 55-64 | 120 | 105 |
| 65-74 | 61 | 64 |
| 75-84 | 22 | 14 |
| 85+ | 5 | 18 |

*Age-adjusted rate per 100,000 population

#At least one but fewer than five

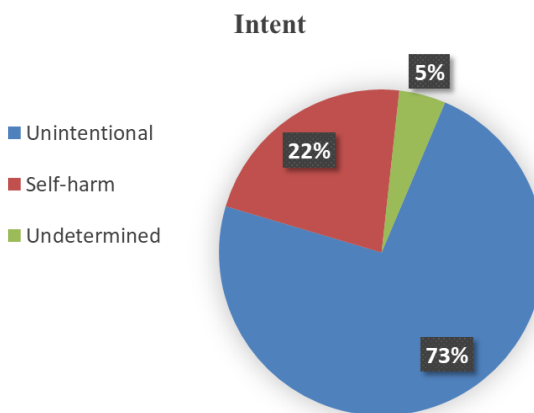
Non-Drug Poisoning by Intent

Fatalities



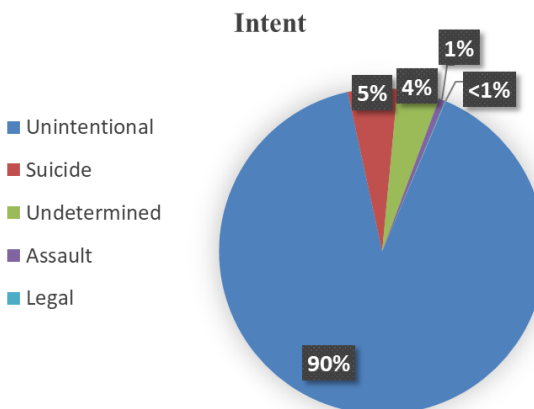
| Intent | Count |
|---------------|-------|
| Unintentional | 49 |
| Suicide | ## |
| Undetermined | # |

Inpatient Hospitalizations



| Intent | Count |
|---------------|-------|
| Unintentional | 142 |
| Self-harm | 43 |
| Undetermined | 9 |

Emergency Department Visits



| Intent | Count |
|---------------|-------|
| Unintentional | 2,424 |
| Suicide | 132 |
| Undetermined | 112 |
| Assault | ## |
| Legal | # |

#At least one but fewer than five

##Suppressed to prevent indirect disclosure

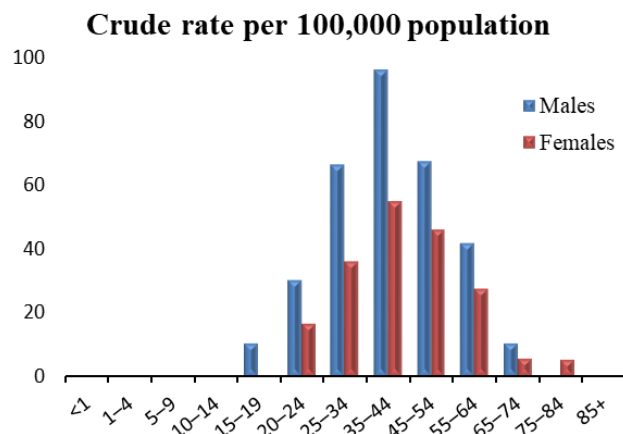
Drug Poisoning by Age and Sex

Fatalities

Total: 1,386 (32.6*)

Males: 861 (40.9*)

Females: 525 (24.3*)



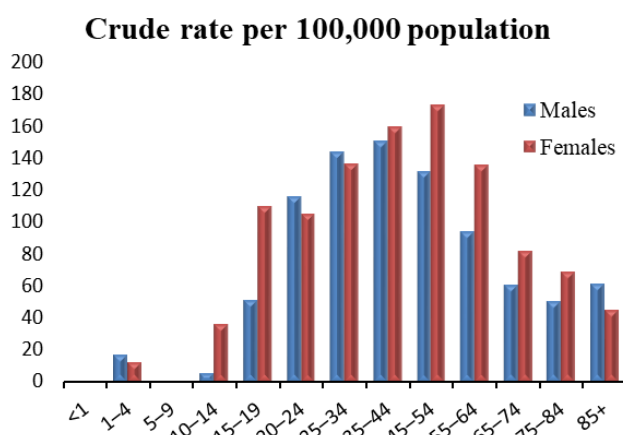
| Age | Males | Females |
|-------|-------|---------|
| <1 | # | 0 |
| 1-4 | # | 0 |
| 5-9 | 0 | 0 |
| 10-14 | 0 | 0 |
| 15-19 | ## | # |
| 20-24 | 48 | 24 |
| 25-34 | 193 | 102 |
| 35-44 | 266 | 151 |
| 45-54 | 198 | 138 |
| 55-64 | 118 | 83 |
| 65-74 | 20 | 12 |
| 75-84 | 0 | 6 |
| 85+ | # | # |

Inpatient Hospitalizations

Total: 4,390 (99.0*)

Males: 1,959 (90.2*)

Females: 2,431 (107.6*)



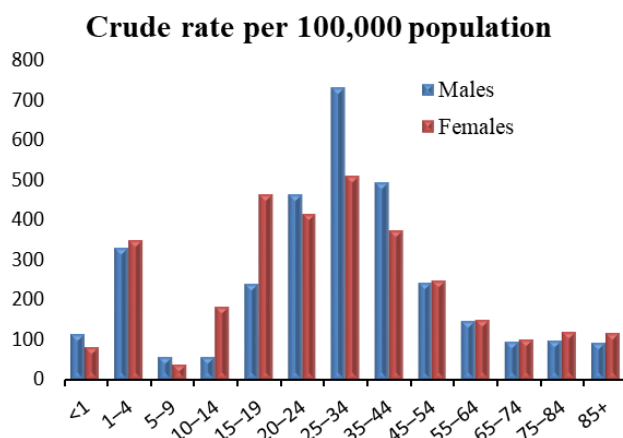
| Age | Males | Females |
|-------|-------|---------|
| <1 | # | # |
| 1-4 | 19 | 13 |
| 5-9 | # | ## |
| 10-14 | 7 | 50 |
| 15-19 | 75 | 154 |
| 20-24 | 185 | 155 |
| 25-34 | 419 | 389 |
| 35-44 | 418 | 442 |
| 45-54 | 388 | 524 |
| 55-64 | 268 | 415 |
| 65-74 | 117 | 179 |
| 75-84 | 43 | 79 |
| 85+ | 16 | 24 |

Emergency Department Visits

Total: 12,650 (300.6*)

Males: 6,581 (313.5*)

Females: 6,069 (287.6*)



| Age | Males | Females |
|-------|-------|---------|
| <1 | 32 | 22 |
| 1-4 | 374 | 377 |
| 5-9 | 79 | 52 |
| 10-14 | 82 | 252 |
| 15-19 | 354 | 648 |
| 20-24 | 742 | 610 |
| 25-34 | 2,130 | 1,458 |
| 35-44 | 1,364 | 1,031 |
| 45-54 | 715 | 747 |
| 55-64 | 418 | 454 |
| 65-74 | 183 | 218 |
| 75-84 | 84 | 138 |
| 85+ | 24 | 62 |

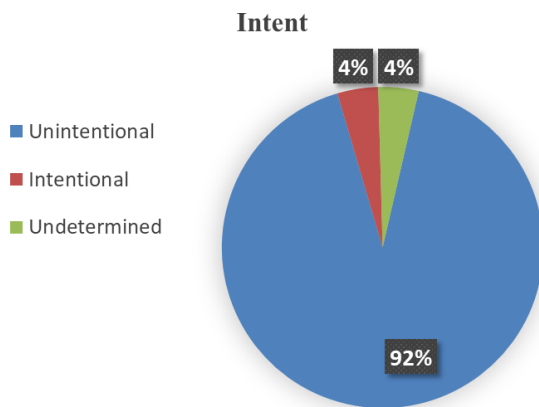
*Age-adjusted rate per 100,000 population

#At least one but fewer than five

##Suppressed to prevent indirect disclosure

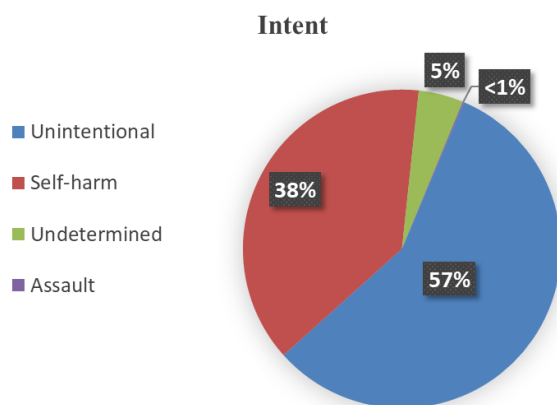
Drug Poisoning by Intent

Fatalities



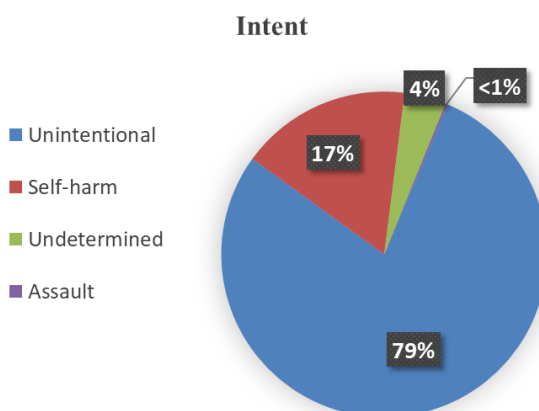
| Intent | Count |
|---------------|-------|
| Unintentional | 1,273 |
| Intentional | 57 |
| Undetermined | 56 |

Inpatient Hospitalizations



| Intent | Count |
|---------------|-------|
| Unintentional | 2,501 |
| Self-harm | 1,683 |
| Undetermined | 200 |
| Assault | 6 |

Emergency Department Visits



| Intent | Count |
|---------------|-------|
| Unintentional | 9,942 |
| Self-harm | 2,154 |
| Undetermined | 524 |
| Assault | 30 |

Suicide and Self-Injury by Age and Sex

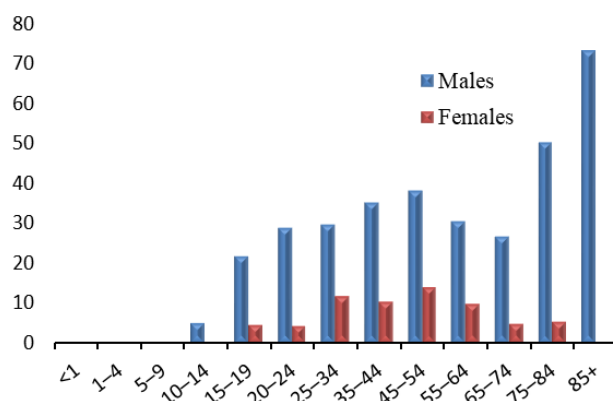
Fatalities

Total: 740 (16.4*)

Males: 579 (26.5*)

Females: 161 (7.1*)

Crude rate per 100,000 population



| Age | Males | Females |
|-------|-------|---------|
| <1 | 0 | 0 |
| 1-4 | 0 | 0 |
| 5-9 | 0 | 0 |
| 10-14 | 7 | # |
| 15-19 | 32 | 6 |
| 20-24 | 46 | 6 |
| 25-34 | 86 | 33 |
| 35-44 | 97 | 28 |
| 45-54 | 112 | 41 |
| 55-64 | 86 | 29 |
| 65-74 | 51 | 10 |
| 75-84 | 43 | 6 |
| 85+ | 19 | # |

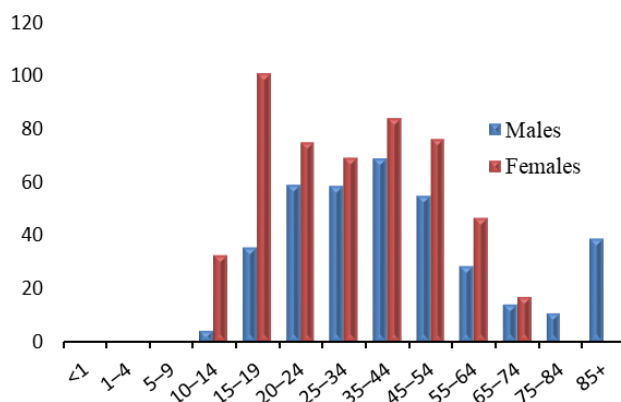
Inpatient Hospitalizations

Total: 1,948 (45.5*)

Males: 799 (37.7*)

Females: 1,149 (53.6*)

Crude rate per 100,000 population



| Age | Males | Females |
|-------|-------|---------|
| <1 | 0 | 0 |
| 1-4 | 0 | 0 |
| 5-9 | 0 | 0 |
| 10-14 | 6 | 45 |
| 15-19 | 52 | 141 |
| 20-24 | 94 | 110 |
| 25-34 | 169 | 197 |
| 35-44 | 190 | 232 |
| 45-54 | 161 | 229 |
| 55-64 | 81 | 142 |
| 65-74 | 27 | 37 |
| 75-84 | 9 | ## |
| 85+ | 10 | # |

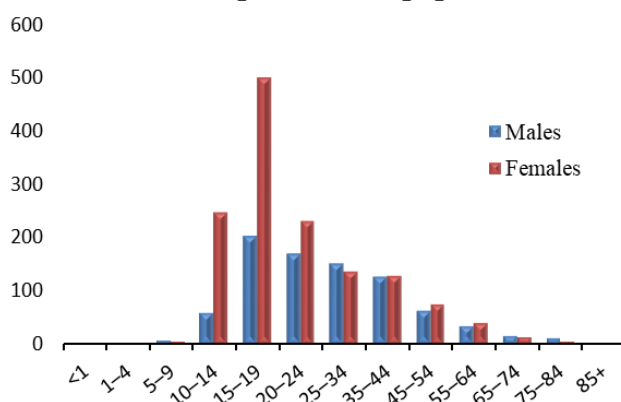
Emergency Department Visits

Total: 4,259 (103.1*)

Males: 1,757 (84.0*)

Females: 2,502 (123.3*)

Crude rate per 100,000 population



| Age | Males | Females |
|-------|-------|---------|
| <1 | 0 | # |
| 1-4 | # | # |
| 5-9 | 10 | 6 |
| 10-14 | 83 | 341 |
| 15-19 | 295 | 698 |
| 20-24 | 269 | 339 |
| 25-34 | 433 | 383 |
| 35-44 | 346 | 352 |
| 45-54 | 183 | 225 |
| 55-64 | 93 | 120 |
| 65-74 | 28 | 27 |
| 75-84 | 9 | 5 |
| 85+ | # | # |

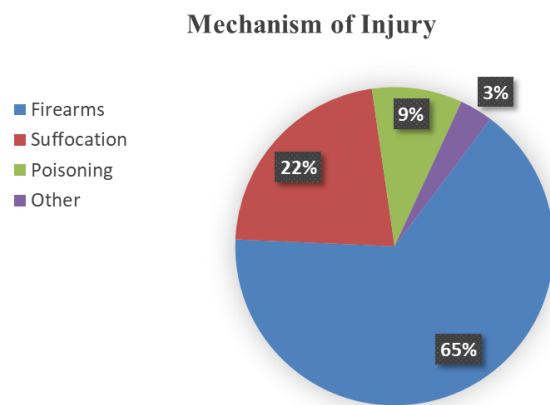
*Age-adjusted rate per 100,000 population

#At least one but fewer than five

##Suppressed to prevent indirect disclosure

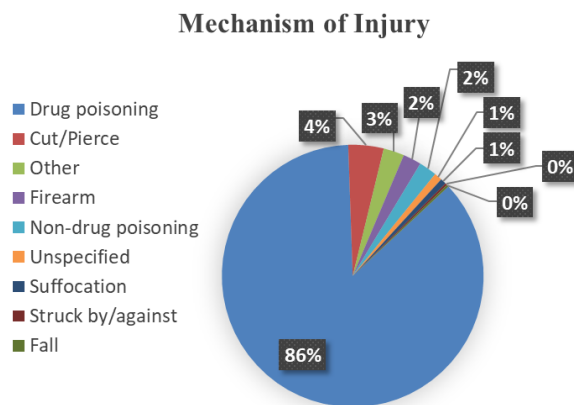
Suicide and Self-Injury by Mechanism of Injury

Fatalities



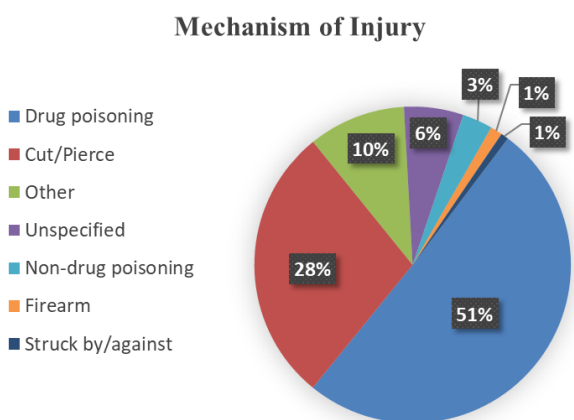
| Mechanism of Injury | Count |
|---------------------|-------|
| Firearms | 484 |
| Suffocation | 163 |
| Poisoning | 68 |
| Other | 25 |

Inpatient Hospitalizations



| Mechanism of Injury | Count |
|---------------------|-------|
| Drug poisoning | 1,683 |
| Cut/Pierce | 85 |
| Other | 50 |
| Firearm | 44 |
| Non-drug poisoning | 43 |
| Unspecified | 19 |
| Suffocation | 14 |
| Struck by/against | 5 |
| Fall | 5 |

Emergency Department Visits



| Mechanism of Injury | Count |
|---------------------|-------|
| Drug poisoning | 2,154 |
| Cut/Pierce | 1,206 |
| Other | 424 |
| Unspecified | 258 |
| Non-drug poisoning | 132 |
| Firearm | 52 |
| Struck by/against | 33 |

Traumatic Brain Injury by Age and Sex

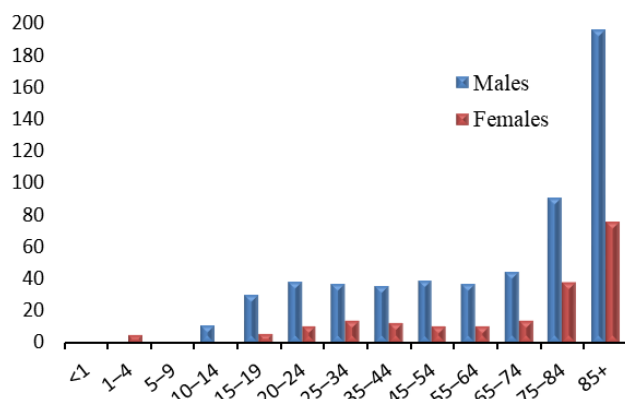
Fatalities

Total: 1,044 (22.7*)

Males: 765 (35.0*)

Females: 279 (11.4*)

Crude rate per 100,000 population



| Age | Males | Females |
|-------|-------|---------|
| <1 | # | # |
| 1-4 | # | 5 |
| 5-9 | # | # |
| 10-14 | 15 | # |
| 15-19 | 44 | 7 |
| 20-24 | 61 | 15 |
| 25-34 | 107 | 38 |
| 35-44 | 97 | 33 |
| 45-54 | 114 | 30 |
| 55-64 | 105 | 30 |
| 65-74 | 85 | 30 |
| 75-84 | 78 | 43 |
| 85+ | 51 | 40 |

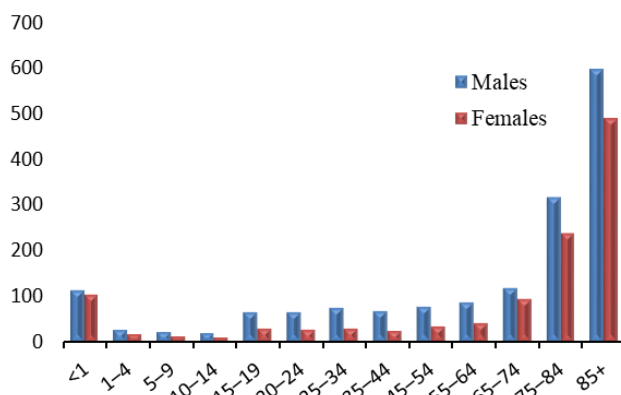
Inpatient Hospitalizations

Total: 3,099 (65.8*)

Males: 1,833 (84.6*)

Females: 1,266 (48.1*)

Crude rate per 100,000 population



| Age | Males | Females |
|-------|-------|---------|
| <1 | 32 | 28 |
| 1-4 | 30 | 17 |
| 5-9 | 30 | 15 |
| 10-14 | 28 | 13 |
| 15-19 | 96 | 41 |
| 20-24 | 104 | 38 |
| 25-34 | 216 | 84 |
| 35-44 | 184 | 68 |
| 45-54 | 223 | 103 |
| 55-64 | 241 | 124 |
| 65-74 | 224 | 204 |
| 75-84 | 270 | 271 |
| 85+ | 155 | 260 |

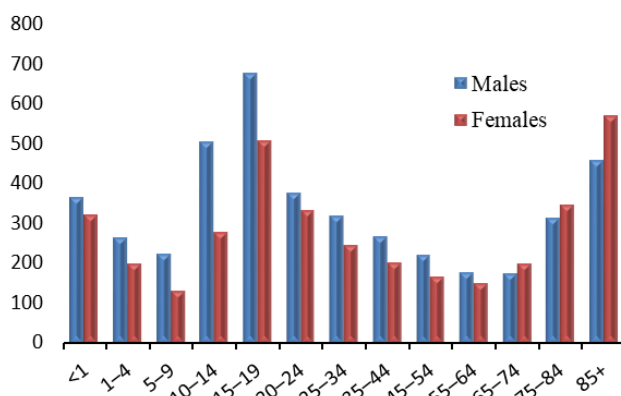
Emergency Department Visits

Total: 12,005 (278.0*)

Males: 6,592 (311.2*)

Females: 5,413 (242.9*)

Crude rate per 100,000 population



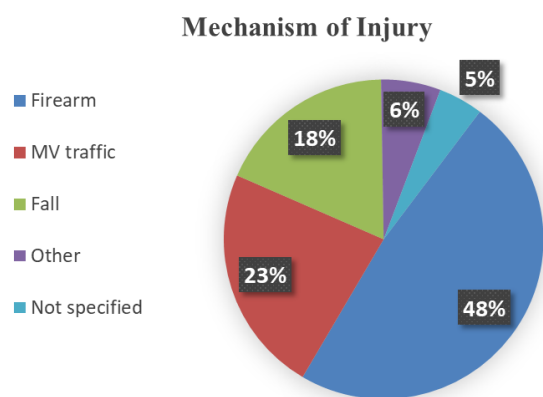
| Age | Males | Females |
|-------|-------|---------|
| <1 | 103 | 87 |
| 1-4 | 300 | 214 |
| 5-9 | 320 | 176 |
| 10-14 | 730 | 383 |
| 15-19 | 1,001 | 712 |
| 20-24 | 600 | 489 |
| 25-34 | 925 | 700 |
| 35-44 | 738 | 555 |
| 45-54 | 646 | 504 |
| 55-64 | 505 | 460 |
| 65-74 | 336 | 432 |
| 75-84 | 269 | 398 |
| 85+ | 119 | 303 |

*Age-adjusted rate per 100,000 population

#At least one but fewer than five

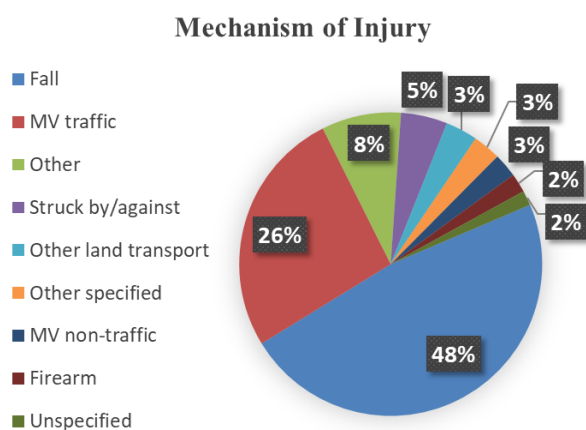
Traumatic Brain Injury by Mechanism of Injury

Fatalities



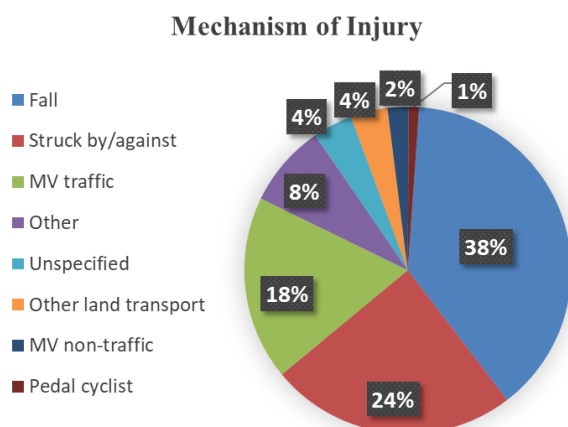
| Mechanism of Injury | Count |
|---------------------|-------|
| Firearm | 503 |
| MV traffic | 241 |
| Fall | 190 |
| Other | 63 |
| Not specified | 47 |

Inpatient Hospitalizations



| Mechanism of Injury | Count |
|----------------------|-------|
| Fall | 1,476 |
| MV traffic | 817 |
| Other | 263 |
| Struck by/against | 154 |
| Other land transport | 106 |
| Other specified | 92 |
| MV non-traffic | 79 |
| Firearm | 63 |
| Unspecified | 49 |

Emergency Department Visits



| Mechanism of Injury | Count |
|----------------------|-------|
| Fall | 4,621 |
| Struck by/against | 2,928 |
| MV traffic | 2,189 |
| Other | 984 |
| Unspecified | 471 |
| Other land transport | 440 |
| MV non-traffic | 249 |
| Pedal cyclist | 123 |