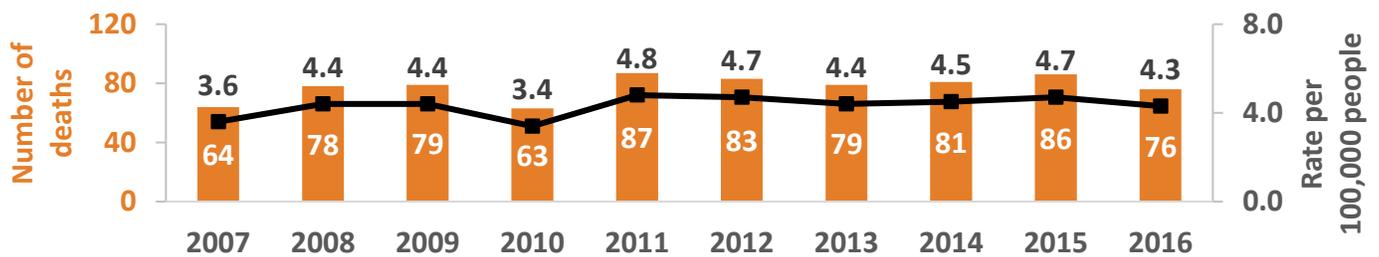


# Firearms in Santa Clara County

## Key findings

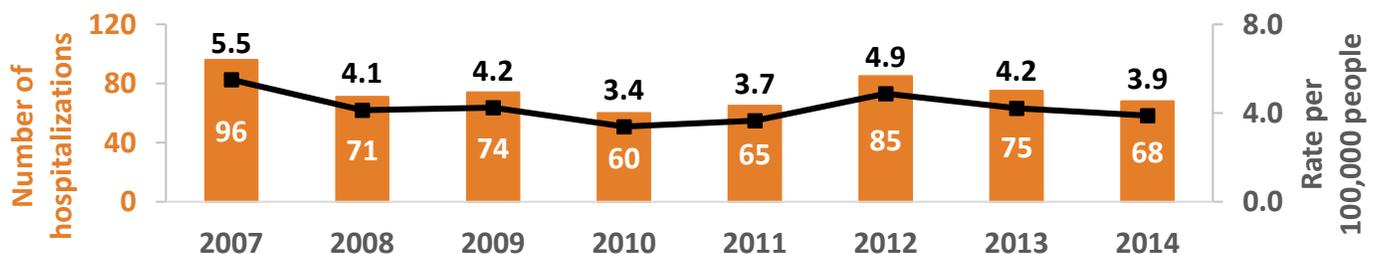
- In 2016, 11% of injury deaths were due to firearms injuries.
- The death rate from firearms injuries fluctuated from 2007 to 2016.
- The rate of hospitalizations for firearms injuries has decreased since 2007. The rate of emergency department (ED) visits for firearm injuries increased from 2007 to 2014.
- The rates of death, hospitalizations and emergency department visits for firearms are highest among males and African Americans.
- The rates of hospitalizations and emergency department visits are highest among adults ages 18 to 44. The rate of deaths is highest among adults ages 65 and older.
- One in 10 (11%) adult residents kept a firearm in and around the house in 2013-14. One in 10 (11%) middle and high school students saw someone carrying a gun, knife, or other weapon on school property in the past 12 months.
- Nearly a quarter (23%) of robbery crimes involved a firearm in 2016.

## Number and age-adjusted rate of deaths from firearms injuries, 2007-2016



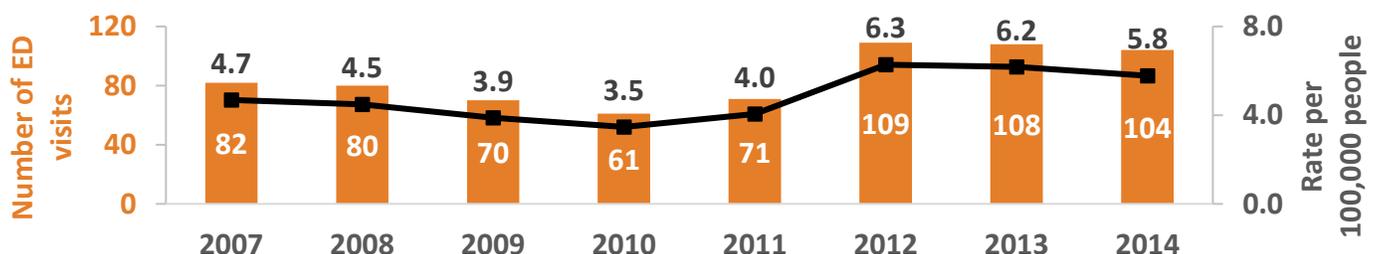
Source: Santa Clara County Public Health Department, 2007-2016 Death Statistical Master File<sup>1</sup>

## Number and age-adjusted rate of hospitalizations for firearms injuries, 2007-2014



Source: Office of Statewide Health Planning and Development, 2007-2014 Patient Discharge Data<sup>1</sup>

## Number and age-adjusted rate of emergency department (ED) visits for firearms injuries, 2007-2014



Source: Office of Statewide Health Planning and Development, 2007-2014 Emergency Department Data<sup>1</sup>

Note: In each graph above, the colored bars represent the number and the black line represents the age-adjusted rate per 100,000 people.

# Firearms in Santa Clara County

## Number, percentage, and age-adjusted/age-specific rates of deaths from firearms injuries by demographic characteristics, 2012-2016

		Deaths		
		Average annual number of deaths <sup>±</sup>	% of deaths from firearms injuries <sup>*</sup>	Rate per 100,000 people <sup>+</sup>
<b>Santa Clara County</b>		81	N/A	4.5
<b>Gender</b>	Male	72	89	8.2
	Female	9	11	1.0
<b>Age group</b>	<18	3	4	0.7
	18-44	40	49	5.7
	45-64	25	30	5.5
	65+	13	17	6.8
<b>Race/ethnicity</b>	African American	4	5	8.6
	Asian/Pacific Islander	13	16	2.2
	Latino	21	26	4.3
	White	40	50	5.4

Source: Santa Clara County Public Health Department, 2012-2016 Death Statistical Master File<sup>1</sup>

## Number, percentage, and age-adjusted/age-specific rates of hospitalizations and emergency department (ED) visits for firearms injuries by demographic characteristics, 2010-2014

		Hospitalizations			ED visits		
		Average annual number of visits <sup>±</sup>	% of hospitalizations for firearms injuries <sup>*</sup>	Rate per 100,000 people <sup>+</sup>	Average annual number of visits <sup>±</sup>	% of visits for firearms injuries <sup>*</sup>	Rate per 100,000 people <sup>+</sup>
<b>Santa Clara County</b>		71	N/A	4.0	91	N/A	5.1
<b>Gender</b>	Male	63	89	6.9	82	90	9.0
	Female	8	11	0.9	9	10	1.0
<b>Age group</b>	<18	9	12	3.1	11	12	1.5
	18-44	53	76	14.9	69	77	5.8
	45-64	8	11	3.2	9	10	1.3
	65+	--	--	--	--	--	--
<b>Race/ethnicity</b>	African American	8	12	17.1	9	10	19.6
	Asian/Pacific Islander	7	10	1.1	11	12	1.9
	Latino	42	60	7.5	53	59	9.4
	White	10	14	1.6	13	15	2.1

Source: Office of Statewide Health Planning and Development, 2010-2014 Emergency Department Data and Patient Discharge Data<sup>1</sup>

**Note:** <sup>±</sup>Represents the average annual number of deaths, hospitalizations, or ED visits in each category over a 5-year period. If the average is reported, the sum of hospitalizations or ED visits for each 5-year period is >15 cases. <sup>\*</sup>Represents the percentage of deaths, hospitalizations, or ED visits in each category, e.g., the percentage of deaths or visits for firearms injuries that were male or female. <sup>+</sup>Rates for age groups are reported as age-specific rates per 100,000 people. All other rates are age-adjusted rates per 100,000 people. Numbers and percentages may not sum to county totals or 100% because some categories are not presented (race/ethnicity), due to missing data, or due to rounding. N/A indicates fields where data are not applicable. (--) indicates not reportable due to small number of deaths, hospitalizations, or ED visits.

# Firearms in Santa Clara County

## Number and percentage of deaths, hospitalizations, and emergency department (ED) visits for firearms injuries by intent of injury

Intent	Deaths 2007-2016		Hospitalizations 2010-2014		ED visits 2010-2014	
	Average annual number of deaths	% of deaths	Average annual number of visits	% of hospitalizations	Average annual number of visits	% of ED visits
Unintentional	<1	<1	12	16	28	31
Self-inflicted/suicide	46	59	4	6	--	--
Assault/homicide	28	36	52	73	45	50
Undetermined	1	2	--	--	7	7
Legal intervention	3	4	--	--	9	10

**Source:** Santa Clara County Public Health Department, 2007-2016 Death Statistical Master File; Office of Statewide Health Planning and Development, 2010-2014 Patient Discharge Data and 2010-2014 Emergency Department Data

**Note:** The number of firearms-related deaths and injuries is too small to report by intent of injury for individual years and groups. (--) indicates data are not reportable due to small number of hospitalizations or ED visits. Data presented for deaths, hospitalizations and ED visits are an annual average. If the average is reported, the sum of hospitalizations or ED visits for each 5-year period is > 15 cases.

## Annual economic cost of firearms injuries

Costs	Deaths (N=76)	Hospitalizations (N=64)	ED visits (N=75)
Medical	\$507,000	\$1,479,000	\$192,000
Work loss	\$118,261,000	\$5,892,000	\$313,000
Combined	\$118,768,000	\$7,371,000	\$505,000

**Source:** Santa Clara County Public Health Department, 2016 Death Statistical Master File; Office of Statewide Health Planning and Development, 2014 Emergency Department Data and 2014 Patient Discharge Data; Centers for Disease Control and Prevention, Web-based Injury Statistics Query and Reporting System, 2018

**Note:** For annual economic costs, data are for non-fatal hospitalizations and non-fatal treat and release ED visits only and so may not match numbers reported in other tables and graphs. Costs are indexed to 2015 U.S. prices for hospitalizations and ED visits and in 2015 California prices for deaths. Hospitalizations and ED visits exclude undetermined intent.

## Self-reported firearm ownership among adults, 2013-14

		Any firearms now kept in or around home %	Any of the firearms are now loaded (among those with firearms) %
Santa Clara County		11	12
Gender	Male	13	16
	Female	9	7
Race/ ethnicity	African American	13*	10*
	Asian/Pacific Islander	2	3*
	Latino	5	6*
	White	22	13

**Notes:** \* indicates estimate is statistically unstable due to a relative standard error of greater than 30% or less than 50 respondents in the denominator. These estimates should be viewed with caution and may not be appropriate to use for planning or policy purposes.

**Source:** Santa Clara County Public Health Department, 2013-14 Behavioral Risk Factor Survey

# Firearms in Santa Clara County

## Self-reported carrying of firearms among middle and high school students, 2015-16

		Carried a gun on school property in the past 12 months %	Saw someone carrying a gun, knife, or other weapon on school property in the past 12 months %
<b>Santa Clara County</b>		1	11
<b>Gender</b>	Male	2	12
	Female	1	9
<b>Race/ethnicity</b>	African American	5	12
	Asian/Pacific Islander	1	8
	Latino	2	13
	White	1	9
<b>Grade</b>	7 <sup>th</sup>	1	10
	9 <sup>th</sup>	1	12
	11 <sup>th</sup>	1	10

Source: California Healthy Kids Survey, 2015-16

## Total offenses committed involving firearms among K-12 students, 2015-16

	Total offenses	Offenses resulting in an expulsion N (%)	Offenses resulting in a suspension N (%)	Offenses resulting in a disciplinary diversion N (%)
<b>Santa Clara County</b>	108	10 (9%)	93 (86%)	5 (5%)

Note: Counts include possession, sale, furnishing a firearm or knife and possession, sale, furnishing a firearm.

Source: California Department of Education. DataQuest. California Department of Education. <https://dq.cde.ca.gov/dataquest/>. Accessed 3/27/2018.

## Crimes involving firearms, 2016

	Robbery crimes involving a firearm N (%)	Aggravated assault crimes involving a firearm N (%)
<b>Santa Clara County</b>	374 (23%)	498 (16%)

Source: California Department of Justice. Open Justice: Crime Statistics. California Department of Justice <https://openjustice.doj.ca.gov/crime-statistics/>. Accessed on 3/28/2018.

## Domestic violence-related calls for assistance, 2016

	Total calls N	Total calls involving a weapon N (%)	Total calls involving a firearm (among those involving a weapon) N (%)
<b>Santa Clara County</b>	5,570	837 (15%)	28 (3%)

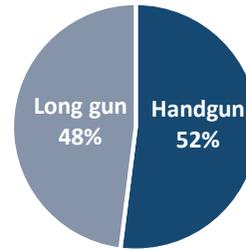
Source: California Department of Justice. Open Justice: Crime Statistics. California Department of Justice <https://openjustice.doj.ca.gov/crime-statistics/>. Accessed on 3/28/2018.

# Firearms in Santa Clara County

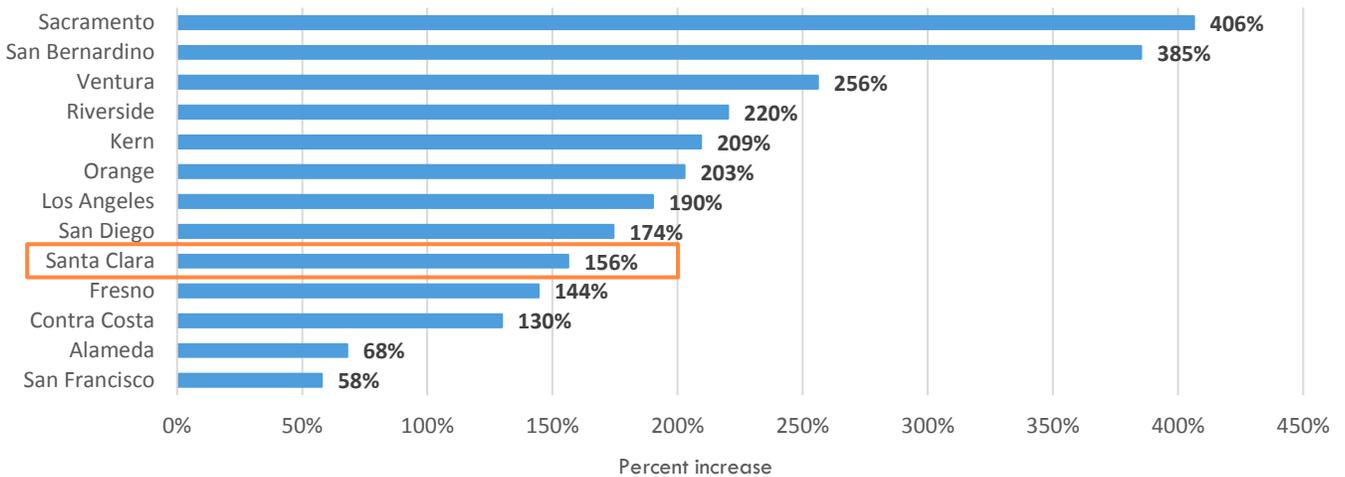
## Gun sales in Santa Clara County from 2001-2015

- 363,725 guns sold
- Average of 24,000 guns sold per year
- Santa Clara County has the 15th lowest rate of average gun sales in California at 1,337 average guns sold per 100,000 people
- Gun sales rose by 156% from 2001 to 2015

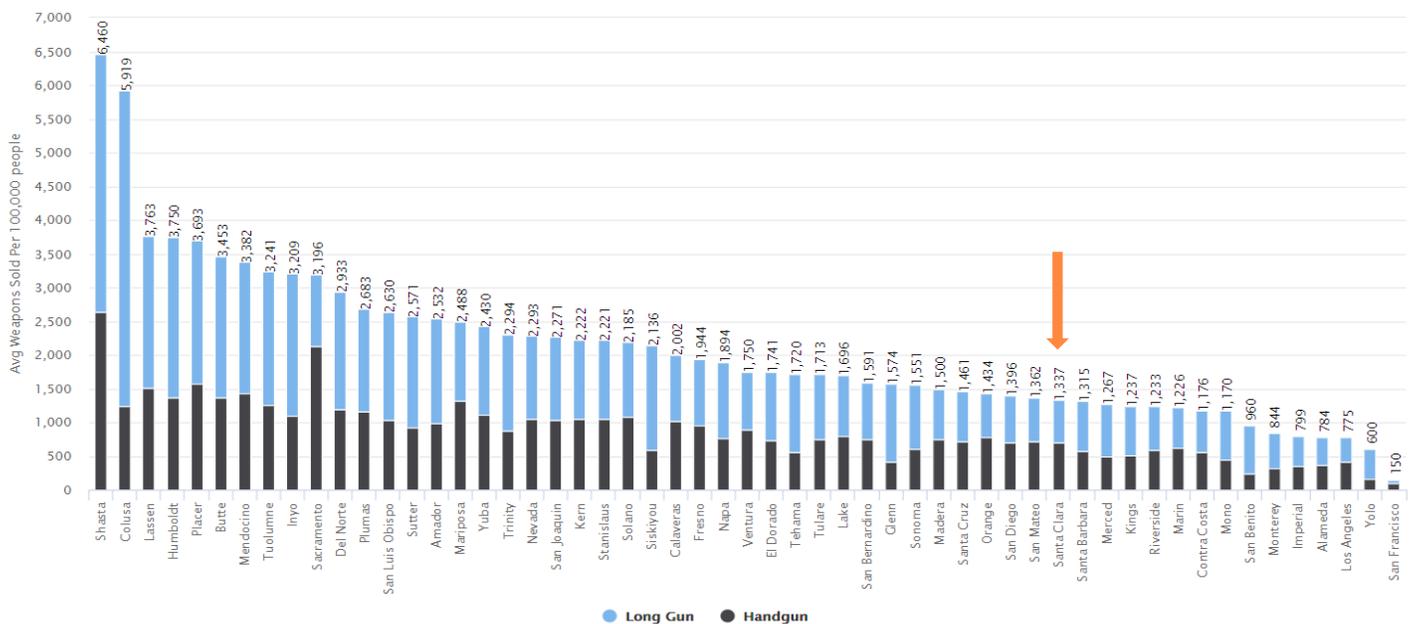
## Total gun sales by type of gun sold in Santa Clara County, 2001-2015



## Growth of gun sales from 2001 to 2015



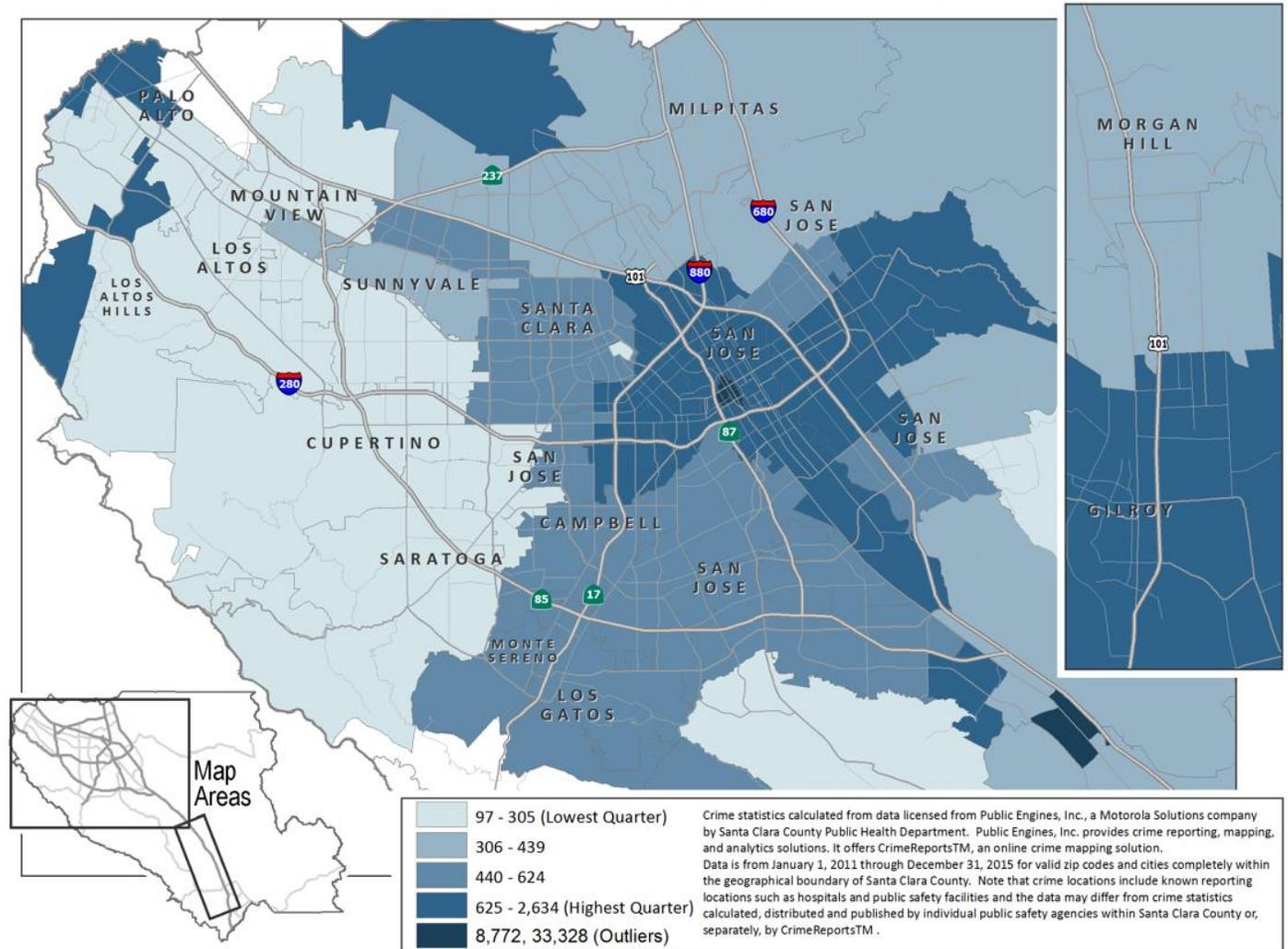
## Average gun sales per 100,000 people by county from 2001 to 2015



**Note:** Figure for average guns sold per year was calculated by the Santa Clara County Public Health Department.

**Source:** California Department of Justice. Open Justice: Gun Sales in California. California Department of Justice <https://openjustice.doj.ca.gov/firearms/overview/#/avg-gun-sales-by-county-chart>. Accessed on 3/28/2018.

## Violent Crimes - Santa Clara County - Average Annual by Zip Code - 2011-2015



# Firearms in Santa Clara County

## Technical notes

A firearms injury is defined as a penetrating force injury resulting from a bullet or other projectile shot from a powder-charged gun. This category includes gunshot wounds from powder-charged handguns, shotguns, and rifles.<sup>2</sup> This category does not include injury caused by a compressed air-powered paint gun or a nail gun, which falls in the "other specified" category. All intents are included in this category such as unintentional, self-inflicted/suicide, homicide/assault, undetermined, and legal intervention. Legal intervention is an injury or death that involves any law enforcement official, such as injury or death to law enforcement official, suspect, and/or bystander.

### Injury data are presented as counts and rates:

- Counts represent the total number of events (e.g., deaths, hospitalizations) that occur in a defined period of time, such as one year.
- Rates consist of the count divided by the number of people in the population at risk (e.g., Latinos in Santa Clara County), multiplied by a standard number (e.g., 100,000). When comparing data over time or between different populations, rates are often used instead of counts to make it possible to compare outcomes between populations that differ in size.
- Rates are "age-adjusted" to account for differences in the age profiles in populations over time or between different populations, in this case using weights corresponding to the 2000 U.S. population.
- Age-specific rates are similar to overall rates. Age-specific rates represent the number of cases in a specific age group, divided by the number of people in Santa Clara County in that age group and multiplied by a standard number (e.g., 100,000) to enable comparison between age groups that differ in size.
- Trends are generally presented as single-year estimates over time. However, in some Quick Facts, a "moving average" is presented, which consists of combining data for overlapping three-year periods. Moving averages stabilize fluctuations that can be misleading when counts from a specific type of injury are low from year to year.

<sup>1</sup>Denominator is based on the following source: Data as of 05/26/2017; U.S. Census Bureau; 2010 Census, Tables PCT12, PCT12H, PCT12I, PCT12J, PCT12K, PCT12L, PCT12M; generated by Baath M.; using American FactFinder; Accessed June 20, 2017.<sup>2</sup>Centers for Disease Control and Prevention. Injury Center: 4.0 Definitions for WISQARS™ Nonfatal. <http://www.cdc.gov/ncipc/wisqars/nonfatal/definitions.htm>. Last modified 3/27/2007. Accessed 4/21/2014.