

Field	Data Item	Data Type	Definition	Examples
Title	Field	Text	The title of the incident, given by the data collector. The title generally includes the name of the place where the incident occurred and other descriptive information related to the incident.	
Location	Field	Text	The city and state names where the incident occurred.	<i>Essex, Chittenden County, Vermont</i>
<i>City</i>	Variable	Text	<i>Location related variable.</i>	
<i>State</i>	Variable	Text	<i>Location related variable</i>	
City	Field	Text	The full name of the city where the incident occurred.	<i>Redwood City</i>
State	Field	Text	The full name of the state where the incident occurred.	<i>California</i>
Number of Victim Fatalities	Field	Number	Number of people killed by the shooter(s) by gunshot.	<i>16</i>
Total Number of Fatalities	Field	Number	Total number of people killed during the incident, including the shooter(s) when applicable.	<i>17</i>
Number of Victims Injured	Field	Number	Number of persons injured by gunshot by the shooter(s) during the incident.	<i>0</i>
Description	Field	Text	A brief, detail description of the incident.	
Date	Field	Number	The date of the first day the incident occurred.	<i>MM/DD/YYYY</i>
Day of Week	Field	Text	The day of the week on which the incident occurred.	<i>Friday</i>
Date – Detailed	Field	Text	The date, including day of the week, when the incident occurred.	<i>Friday, December 14, 2012</i>
Shooter Name	Field	Text	The full name of the shooter(s); first, middle and last name.	<i>Mark James Robert Essex</i>
Shooter Age(s)	Field	Number	Shooter(s) age at the time of the incident.	<i>25</i>

Average Shooter Age	Field	Number	Average age of all shooters involved in the incident	
Shooter Sex	Field	Text	The sex of the shooter(s).	<i>Male</i>
<i>Female</i>	Variable	Text	<i>Gender related variable</i>	
<i>Male</i>	Variable	Text	<i>Gender related variable</i>	
Shooter Race	Field	Text	The race or ethnic background of the shooter(s). Categories based 2000 US Census Bureau survey.	<i>White</i>
<i>White American or European American</i>	Variable	Text	Those having origins in any of the original peoples of Europe, the Middle East, or North Africa.	
<i>Black American or African American</i>	Variable	Text	Those having origins in any of the racial and ethnic groups of Africa.	
<i>Native American or Alaska Native</i>	Variable	Text	Those having origins in any of the original peoples of North, Central and South America, and who maintain tribal affiliation or community attachment.	
<i>Asian American</i>	Variable	Text	Those having origins in any of the original peoples of the Far East, Southeast Asia, and the Indian subcontinent; frequently specified as Chinese American, Korean American, Indian American, Filipino American, Vietnamese American, Japanese American, etc.	
<i>Native Hawaiians or Other Pacific Islander</i>	Variable	Text	Those having origins in any of the original peoples of Hawaii, Guam, Samoa, or other Pacific Islands.	
<i>Some other race</i>	Variable	Text	Respondents may write how they identify themselves, if different from the foregoing categories. Responses have included Mestizo, Creole, and Mulatto, which are generally considered to be categories of multi-racial ancestry, such as African and European, but, write-in entries reported in the 2000 census also included nationalities, such as South African, Moroccan, Belizean, Mexican, Puerto Rican, Cuban, as well as other mixed-race terms like Wesort, mixed, interracial, and others. 95% of the people who report in this category are of Hispanic and Latino origin.	
<i>Two or more races</i>	Variable	Text	Those who check off and/or write in more than one race. There is no option labelled "Two or more races" or "Multiracial" on census and other forms; people who report more than one of the foregoing six options are classified as people of "Two or more races" in subsequent processing. Any respondent may identify with any number, up to all six, of the racial categories.	
<i>Unknown</i>	Variable	Text	There is no current records on the shooter's race	

Type of Gun – Detailed	Field	Text	<p>Detail information about the guns(s) involved in the incident. Please state the name and the type of gun (shot gun) as well as the caliber if possible.</p> <p>Caliber: diameter of the barrel, or the diameter of the projectile</p> <p>Pistols = Handgun Rifle = A rifle is a firearm designed to be fired from the shoulder; it has a barrel or barrels less than 16 inches in length Shotgun = designed to be fired from the shoulder; it has a barrel or barrels less than 18 inches in length</p> <p>http://www.atf.gov/files/publications/download/p/atf-p-5320-8/atf-p-5320-8-chapter-2.pdf http://www.atf.gov/firearms/guides/identification-of-nfa-firearms.html#m-2-carbine</p>	.12-gauge pump action shotgun
Type of Gun – General	Field	Text	<p>General gun categories reflecting the gun(s) type involved in the incident.</p> <p>Handgun = Handgun, pistols, revolver Rifle = A rifle is a firearm designed to be fired from the shoulder; it has a barrel or barrels less than 16 inches in length. Shotgun = designed to be fired from the shoulder; it has a barrel or barrels less than 18 inches in length</p> <p>http://www.atf.gov/files/publications/download/p/atf-p-5320-8/atf-p-5320-8-chapter-2.pdf</p>	Shotgun
Shotgun	Variable	Text	Type of gun related variable	
Rifle	Variable	Text	Type of gun related variable. Includes carbines	
Handgun	Variable	Text	Type of gun related variable. Includes pistols, revolvers.	
Multiple guns	Variable	Text	Type of gun related variable, More than one gun type	1 Shotgun and 2 Rifles
Number of Shotguns	Field	Number	The number of shotgun used during the incident.	0
Number of Rifles	Field	Number	The number of rifle used during the incident.	0

Number of Handguns	Field	Number	The number of handgun used during the incident.	2
Total Number of Guns	Field	Number	The total number of guns used during the incident.	5
Number of Automatic Guns	Field	Number	The number of automatic gun(s) used.	2
Number of Semi-Automatic Guns	Field	Number	The number of semi-automatic gun(s) used.	0
Fate of Shooter at the scene	Field	Text	A general category describing the fate of the shooter at the time of the incident.	<i>Deceased, Arrested, Escaped</i>
<i>Deceased</i>	Variable	Text	<i>Fate of shooter related variable</i>	
<i>Arrested</i>	Variable	Text	<i>Fate of shooter related variable</i>	
<i>Escaped</i>	Variable	Text	<i>Fate of shooter related variable</i>	
Shooter's Cause of Death	Field	Text	The general cause of death at the time of the incident.	<i>Killed, Committed suicide</i>
<i>Killed</i>	Variable	Text	<i>Cause of death related variable</i>	
<i>Suicide</i>	Variable	Text	<i>Cause of death related variable</i>	
<i>Not applicable</i>	Variable	Text	<i>The shooter did not die during the incident</i>	
School Related	Field	Text	Was the incident school related; did the main incident take place in a school, yes or no?	<i>No</i>
<i>Yes</i>	Variable	Text	<i>School related, variable</i>	
<i>No</i>	Variable	Text	<i>School related, variable</i>	
Place Type	Field	Text	A general category of the location where the initial or main incident occurred.	<i>Medical/care facility</i>
<i>Park/Wildness</i>	Variable	Text	Outdoor places for recreation.	<i>City or Co. parks & fields, open spaces, playgrounds. National parks & forest</i>

<i>Place of worship</i>	Variable	Text	Facilities that provide an environment where community members come to worship with other members of the community.	<i>Church, community center (used for religious services).</i>
<i>Government facility</i>	Variable	Text	A facility that houses local, state, or federal government services/representation.	<i>City hall, social security office, court house.</i>
<i>Military facility</i>	Variable	Text	A facility that houses military training/services/representation.	<i>Navy yard, military base</i>
<i>Medical/Care</i>	Variable	Text	A facility that provides medical services and care for people in the community.	<i>Hospital, clinic, nursing home.</i>
<i>College/University/Adult education</i>	Variable	Text	A facility of higher education, public and private learning	<i>University, College, Vocational, or Institutes</i>
<i>Public transportation</i>	Variable	Text	A private or public transit facility or vehicle.	<i>Bus, train, shuttle, taxi cab, transit station, airport.</i>
<i>Residential home/Neighborhood</i>	Variable	Text	A housing unit or neighborhood which houses people of the shooter's community.	<i>House, apartment, house boat, mobile home.</i>
<i>Restaurant/Cafe</i>	Variable	Text	A restaurant or café business.	
<i>Retail/ Wholesale/Services facility</i>	Variable	Text	A business facility dedicated to retail wholesale or services.	Retail wholesale examples: shopping centers, retail stores (clothing, pet store, food store), market. Retail services examples: car wash, beauty salon, dry cleaning, laundry mat.
<i>Entertainment venue</i>	Variable	Text	A facility that provides entertainment for the general public.	<i>Cinema, nightclub, theater, circus, sport venues.</i>
<i>Street/Highway</i>	Variable	Text	A residential/main street or highway.	<i>Residential street</i>
<i>Primary school</i>	Variable	Text	A facility that provides a preprimary and primary, public and private education.	<i>Preschool, elementary school, junior high school</i>
<i>Secondary school</i>	Variable	Text	A facility that provides a secondary, public and private education.	<i>High school</i>
<i>Company/Factory/Office</i>	Variable	Text	A facility where people work during a similar time period; an individual business dedicated to the management of other chains; factory.	
<i>Unknown</i>	Variable	Text	The place where the incident was committed was not found in public documentation relating to the event.	

Relationship to Incident Location	Field	Text	The shooter's relationship to the place where the initial shooting occurred or place where the main shooting occurred.	
<i>Place of residency</i>	Variable	Text	The place where the shooter, or someone he knew, resided before or at the time of the incident. This place could be a house, apartment unit or neighborhood where the shooter resided.	<i>The place the incident occurred was the shooter's girlfriend's home.</i>
<i>Place of business/employment</i>	Variable	Text	The place where the shooter or someone he knew, conducted business, was employed, had a business transaction or relationship before or at the time of the incident.	
<i>Place of recreation</i>	Variable	Text	The place where the shooter or someone he knew, spend their recreational time, at the time of the incident.	<i>Club, school dance, sporting event, restaurant, social events (house parties).</i>
<i>Place of schooling</i>	Variable	Text	The place where the shooter or someone he knew, went to school, before or at the time of the incident.	
<i>Local government</i>	Variable	Text	The place where the shooter's local government resides.	
<i>None</i>	Variable	Text	No apparent relationship to the place.	
<i>Unknown</i>	Variable	Text	The relationship the shooter or his victim/s had to the place where the incident occurred is unknown to us.	
Targeted Victim/s – Detailed	Field	Text	Detail description of the initial targeted victim/s involved in the incident.	
Targeted Victim/s - General	Field	Text	General category used to classify the initial targeted victim/s involved in the incident.	
<i>Family</i>	Variable	Text	The shooter's family member/s or the shooter's former or current, partner's family member/s.	
<i>Romantic partner</i>	Variable	Text	The shooter's, estranged or current, romantic partner at the time of the incident.	
<i>Colleague/Workmate/Business acquaintance</i>	Variable	Text	The shooter's former, or current, colleague at the time of the incident or the shooter's former or current, partner's colleagues. Shooter's former, or current, business acquaintance at the time of the incident	
<i>Students/Classmates/Teacher</i>	Variable	Text	The shooter's former, or current, schoolmate/s or students at the time of the incident. The shooter's former or current teacher/professor at the time of the incident	

<i>General public</i>	Variable	Text	The targeted victims appear to have been random targets.	
<i>Racial/Religious group</i>	Variable	Text	The shooter's targeted victim/s was based on race and/or religious beliefs.	
<i>Government</i>	Variable	Text	The targeted victims are local, state or federal government employees, such as policeman, military, etc.	
<i>Social</i>	Variable	Text	The victim/s relationship to the shooter at the time of the incident was based on a current or previous social relationship between the victim and the shooter, or someone the victim knew. This social relationship was built outside or inside a school facility. Includes neighbors	
<i>Unknown</i>	Variable	Text	Information about the victim/s and their relationship to the shooter is unknown to us.	
Possible Motive - Detailed	Field	Text	Detail description of the potential motive for the shooting. What did the shooter think and/or feel before the shooting, why did the shooter start shooting, and who was the main target.	
Possible Motive - General	Field	Text	General category of potential motives for the shooting.	
<i>Mental illness</i>	Variable	Text	Potential motive for the shooting could be attributed to mental health problem/s.	
<i>Neurological disorder</i>	Variable	Text	Potential motive for the shooting could be attributed to any disorder of the body nervous system, such as brain tumor, brain damage, brain dysfunction, brain injury and epilepsy	
<i>Political/Religious ideals</i>	Variable	Text	Potential motive for the shooting could be attributed to political or religious ideals.	<i>The shooter did not agree with the local political elections so he decided to shoot everyone at a local government office.</i>
<i>Legal dispute</i>	Variable	Text	Potential motive for the shooting could be attributed to legal dispute.	
<i>Financial difficulties</i>	Variable	Text	Potential motive for the shooting could be attributed to financial hardship.	
<i>Race</i>	Variable	Text	Potential motive for the shooting could be attributed to targeting a particular racial group	
<i>Drug use</i>	Variable	Text	Potential motive for the shooting could be attributed to drug use	

<i>Rejection</i>	Variable	Text	Potential motive for the shooting could be attributed to social rejection.	
<i>Grief</i>	Variable	Text	Potential motive for the shooting could be attributed to grief.	
<i>Expulsion/Suspension</i>	Variable	Text	Potential motive for the shooting could be attributed to getting expelled from school/university/college/institute, and other social learning groups and institutions, organizations.	
<i>Domestic dispute</i>	Variable	Text	Potential motive for the shooting could be attributed to a domestic dispute.	
<i>Terminated/Denied/Reprimanded</i>	Variable	Text	Potential motive for the shooting could be attributed to getting terminated from work, denial of status, being reprimanded or punished for workplace or other behavior.	<i>1. Shooter was denied tenure therefore he decided to shoot his colleagues. 2. Shooter was terminated from work therefore he decided to shoot his boss.</i>
<i>Financial dispute</i>	Variable	Text	Potential motive for the shooting could be attributed to financial non-legal dispute.	
<i>Harassment</i>	Variable	Text	Potential motive for the shooting could be attributed to the shooter being harassed, bullied by others.	<i>The shooter was bullied for years so he decided to shoot his harasser.</i>
<i>Failure</i>	Variable	Text	Potential motive for the shooting could be attributed to a sense of failure or failure at a sport, game, school grade etc.	<i>The shooter got a failing grade so he shot his teacher.</i>
<i>Social dispute</i>	Variable	Text	Potential motive for the shooting could be attributed to social dispute. A social dispute could be a dispute over a girl, a dispute over power, a dispute over masculinity or anything related to gender and society.	<i>The shooter was in dispute with another man, over a girl so he decided to shot and kill three people.</i>
<i>Unknown</i>	Variable	Text	<i>Unknown or Under investigation so the status may be changed</i>	
<i>Multiple motives</i>	Variable	Text	Potential motive for the shooting could be attributed to multiple motives.	
<i>Gender</i>	Variable	Text	Potential motive for the shooting could be attributed to targeting a particular gender group	
History of Mental Illness - Detailed	Field	Text	A detail description about any known mental illness history the shooter may have had during the time of the incident.	
History of Mental Illness - General	Field	Text	An indication of whether the shooter had a mental illness during the time of the incident.	
Yes	Variable	Text	<i>History of mental illness related variable</i>	

<i>No</i>	Variable	Text	<i>History of mental illness related variable</i>	
<i>Unknown</i>	Variable	Text	<i>Unknown or Under investigation so the status may be changed</i>	
Data Source 1	Field	Text	The data source link 1	
Data Source 2	Field	Text	The data source link 2	
Military Experience	Field	Text	An indication of whether the shooter had previous military experience	
<i>Yes</i>	Variable	Text	<i>Previous military experience related variable</i>	
<i>No</i>	Variable	Text	<i>Previous military experience related variable</i>	
<i>Unknown</i>	Variable	Text	<i>Unknown or Under investigation so the status may be changed</i>	
Class	Field	Text	An indication of the number of victims and fatalities, as well as the time span and location of the incident and any mention of gang or drug related activity	
<i>Mass Shooting (MS)</i>	Variable	Text	<i>3 or more people shot (not including the shooter, do not need to be fatalities). Usually single location, but possibly multiple locations. Single incident (did not occur over more than a single day). Motive appears to be indiscriminate. Not identified as gang or drug related by media.</i>	
<i>Mass Murder (MM)</i>	Variable	Text	<i>4 or more fatalities (not including the shooter). Single location. Single incident (did not occur over more than a single day). Motive appears to be indiscriminate. Not identified as gang or drug related by media.</i>	
<i>Spree Killing (SPK)</i>	Variable	Text	<i>4 or more fatalities (not including the shooter). Multiple locations. May consist of multiple incidents but over a relatively short time span. No “cooling off period” between shootings.</i>	
<i>Serial Killing (SEK)</i>	Variable	Text	<i>Multiple fatalities in multiple locations over a long period of time. May include a significant “cooling off period” between incidents.</i>	
<i>Gang or Drug Related (GD)</i>	Variable	Text	<i>Shooting incidents where media or police reports tie the incident to gang or drug related activities.</i>	