



ACTIVE SHOOTER

RECOMMENDATIONS AND ANALYSIS
FOR RISK MITIGATION

2016 EDITION AS RELEASED BY THE NEW YORK CITY
POLICE DEPARTMENT

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EXECUTIVE SUMMARY

Given the tragic prevalence of active shooter incidents in recent years, Americans have become increasingly familiar with the significant impact they have on communities across all 50 states. Within the past four years, a number of high-profile cases have demonstrated that active-shooters target a wide range of victims and are driven by a diverse set of narratives, to include personal grievances, political motivations, and the influence of international terrorism. On June 12, 2016 the shooting at the Pulse nightclub in Orlando, Florida—which left 49 people dead—was not only a tragic

terrorist attack, but also the deadliest mass shooting in U.S. history, surpassing the Virginia Tech shooting in 2007 that left 33 people dead. Attacks like the Orlando shooting illustrate the importance of and need for constantly-refined definitions, procedures, systems, and training designed to diminish the risks from a diverse set of active shooters motivated by a broad range of ideologies. As such, the NYPD has developed mitigation recommendations, tailored to private security personnel, based on an analysis of past active shooter attacks and a careful review of previous studies. For the private security community, our analysis shows that business locations—including office buildings, malls, nightclubs, and restaurants—are among the most frequent sites targeted by active shooters, highlighting a clear and legitimate threat.

The 2016 Edition of the New York City Police Department’s (“NYPD”) *Active Shooter: Recommendations and Analysis for Risk Mitigation* demonstrates that during the period studied, from 1966 to 2016, 308 active shooter incidents took place in the United States, resulting in at least 930 killed and 1200 wounded. The analysis section presents descriptive statistics of all the incidents between 1966 and 2016, with details on the number of casualties, the resolution of the incidents, and a breakdown of the locations of the incidents; the analysis also describes the characteristics of each attacker, including their age, gender, and relationship to the victim(s). The report incorporates an additional 78 incidents that occurred in the four-year period since the release of the 2012 Edition. The 2012 edition contained information and analysis of active shooter incidents from 1966 to 2012.

The NYPD has performed statistical analysis to identify common characteristics among active shooter attacks. Data about the attacks and attackers was collected from previous scholarship, open source government reports, and media accounts. The NYPD did not use special-access government sources to compile the cases in the Compendium; all information is open-source and publicly available. As a result, the cases included in the data set may demonstrate a sampling bias. For attacks that occurred between 2000 and 2016, the Compendium is a nearly comprehensive account of active shooter incidents—to include



TO HIGHLIGHT THE IMPORTANCE OF ACTIVE SHOOTER PREPAREDNESS, ACCORDING TO STATISTICS COMPILED BY THE NYPD, OVER 40% OF ACTIVE SHOOTER INCIDENTS ANALYZED OCCURRED IN BUSINESS LOCATIONS, INCLUDING OFFICE BUILDINGS, OPEN COMMERCIAL LOCATIONS, AND WAREHOUSES.

those categorized as terrorist attacks—that attracted news coverage. For attacks that occurred prior to 2000, the Compendium may not be comprehensive because the attacks pre-date widespread internet news reporting.

Definition of an ‘Active Shooter’ Incident

Active shooter incidents are a specific type of emergency situation necessitating preparatory response protocols by both the public and law enforcement. The Department of Homeland Security (DHS) defines an active shooter as “a person(s) actively engaged in killing or attempting to kill people in a confined and populated area.” In its definition, DHS notes that, “in most cases, active shooters use firearm(s) and there is no pattern or method to their selection of victims.” The NYPD has limited this definition to include only cases that spill beyond an intended victim to involve others, including bystanders and collateral casualties.¹ The NYPD excludes: gang-related shootings, shootings that solely occurred in domestic settings, robberies, drive-by shootings, attacks that did not involve a firearm, and attacks categorized primarily as hostage-taking incidents.

Trends

This report highlights trends in active shooter data over the last four years that inform the recommendations put forth by our subject matter experts. Out of the 78 cases analyzed between 2013 and 2016:



24% of attackers demonstrated tactical training and awareness.



17% of attackers targeted law enforcement or military personnel.



At least 23% of attackers were inspired by previous active shooter situations or ideologies that espoused violent shootings as a means of support for their movement.

¹ E.g., a case of a grievance against an employer leads to an attack targeting not only the direct supervisor but also others in the workplace.



At least 15% of attackers indicated an imminent attack on any of their social media networks, including but not limited to Facebook, Twitter, blogs, forums, and YouTube.



42% of attackers carried more than one weapon. Overall, attackers preferred the use of handguns over other weapons.



19% of attackers used body armor during their attack.



6% of attacks led to a barricade situation, and in only 4% of cases did the attacker take hostages.

Recommendations for Your Organization

Because active shooter attacks are dynamic events and often conclude in the first 10-15 minutes of the incident, preparation is key to mitigating the impact of an attack. To this end, the NYPD has developed recommendations based on an analysis of past active shooter incidents and careful review of previous studies.ⁱ Unlike other works on active shooter attacks, this guide provides recommendations tailored to private sector security policy, procedure, systems, and training.

The drivers of active shooter incidents are unpredictable, which means that the NYPD cannot put forward a single set of best-practices for private security response to such incidents; however, the NYPD has compiled a list of recommendations for building security personnel to mitigate the risks from active shooter attacks.ⁱⁱ The type of police response to an active shooter attack depends on the unique circumstances of the incident. In the event of such an attack, private security personnel are advised to follow the instructions of first-responders.²

² The NYPD developed these recommendations based on a close analysis of active shooter incidents from 1966 to 2016. This Compendium of cases, presented in the Appendix, includes 308 active shooter incidents as well as a number of foiled plots and international incidents. The compendium is organized chronologically by type of facility targeted and is broken down into office buildings, open commercial areas, factories and warehouses, schools, and other settings.

TRENDS

While many longstanding trends have held true from earlier studies, NYPD analysis for the 2016 edition of this report highlights several key trends from the 2013-2016 data set, including: (1) the employment of advanced tactics, (2) the targeting of law enforcement and military personnel, (3) the inspiration of attackers by radical narratives, (4) the use of social media as a helpful tool both for attackers and law enforcement, (5) the choice of weaponry and body armor use, and (6) the devolvement of an active shooter situation into a negotiation with law enforcement.



Training & Awareness Challenge Response

The trend of active shooters who have received some weapons training, and/or have conducted research on a range of tactics and targeting methods, is important to

note for individuals in the private sector community because sophisticated attackers are more adept both at drawing in security personnel and rapidly adapting to situations as they unfold, which will likely increase the number of civilian and law enforcement casualties in active shooter attacks. This metric tracked the number of cases in which an attacker demonstrated tactical awareness during the course of the attack, to include:

- Training received by members of the military, law enforcement, and private security organizations.
- Knowledge gleaned from prior individual training, including repeated training with firearms and self-study of tactics.³
- The use of tactics to stall responders (including the use of barricades), prevent victims from fleeing (including blocking doors or setting fires near exits), and provide the attacker with a tactical advantage (including the use of sniper tactics and high vantage points).

Of the 78 cases analyzed, 19 involved a shooter who demonstrated a degree of tactical training and awareness (24 percent). The four highest casualty cases in the 2013-2016 timeframe were carried out by attackers with advanced knowledge of tactics.

Statistics 1966-2016



³ Cases in which the attacker carried out prior, non-professional training were not included unless open source media reports indicated that their attacks were carried out with an uncommon level of tactical sophistication or ability.

- On July 7, 2016, Micah Johnson killed five police officers and injured six others during a Black Lives Matter protest. Johnson, a military veteran who served in a non-combat role in Afghanistan, employed shoot and move tactics, leading law enforcement to believe there were multiple shooters firing from different locations. The attack is considered the deadliest assault on law enforcement since 9/11.
- On June 12, 2016, Omar Mateen, a 29-year-old former private security guard, killed 49 individuals and wounded 53 others at the Pulse nightclub in Orlando, Florida. Mateen reportedly became proficient with firearms, receiving near-perfect scores during his range-administered firearms tests.
- On December 2, 2015, Syed Rizwan Farook and Tashfeen Malik carried out a shooting attack on a San Bernardino County Department of Public Health event, causing 14 deaths and 24 injuries. The couple wore tactical clothing and planted three explosive devices meant to target first responders at the scene.
- On May 23, 2014, Elliot Rodger killed six people and injured 14 others near the campus of the University of California, Santa Barbara. According to a manifesto he posted online, Rodger conducted a significant amount of preoperational planning, meticulously researching his attack venue, victims, and date of the attack in order to minimize law enforcement interference and maximize casualties.

Anecdotally, many failed attacks were planned by attackers wishing to utilize advanced tactics, with a particular aim of stalling responders and preventing victims from fleeing. Several shooters in disrupted or prematurely-ended attacks noted that they considered chaining doors at attack locations and laying spike strips in order to hinder law enforcement response and contain victims.⁴



The Targeting of Law Enforcement & Military Personnel: Implications for Private Security

Between 2013 and 2016, 13 active shooter incidents targeted law enforcement and military personnel (17 percent). This metric focuses only on cases in which law enforcement and military personnel were the intended target, rather than attacks in which members of law enforcement were injured or killed when responding to an active shooter situation.

- On July 17, 2016, Gavin Eugene Long killed three police officers and injured three others in Baton Rouge, Louisiana in the wake of the shooting of Alton Sterling. Long identified himself as a sovereign citizen and posted online about his hatred for law enforcement several times ahead of conducting his attack.
- On November 22, 2014, Curtis Wade Holley killed one and injured one other after he lit his house on fire to lure law enforcement officers to his home in order for him to conduct an ambush. Holley

⁴ For example, in his June 2014 attack outside the Forsyth County Courtroom in Georgia, Dennis Marx dropped homemade spike strips and used “smoke devices” in order to prevent law enforcement officers from disrupting his attack. In Oregon in 2016, a 17-year-old Newberg High School student planned to kill “at least 100 people” in his high school after isolating them within a chain-locked “kill zone.”

had been approached by law enforcement four times in the four days prior to conducting the attack.

Private sector security personnel are not targeted as frequently as law enforcement and the military, both of which are likely viewed as hard targets by attackers. Security personnel are typically targeted when encountered by shooter, as they potentially pose a threat to the shooter's ability to carry out an attack. In instances where only security personnel are killed, the ability to assess both intent and target are limited.

- On August 21, 2015, 68-year-old Kevin Downing walked into the federal office building at 201 Varick Street in New York City—his former place of employment—and shot a security officer before committing suicide.⁵
- On April 29, 2014, Geddy Lee Kramer walked into the Federal Express sorting facility at which he was employed, shot an unarmed security guard at the entrance to the facility, and opened fire on coworkers. No one was killed in the attack; however six were injured, including the security guard.
- On September 16, 2013, Aaron Alexis carried out a shooting attack on the headquarters of the Naval Sea Systems Command (NAVSEA) at the Washington Navy Yard in Washington D.C. As he progressed through the site of the attack, he fired upon security officer Richard Ridgell, killed him, and took his pistol. He fired at another security officer later in his attack, missed him, and fled from the officer. Alexis was a former Petty Officer Third Class, who received basic weapons training at the U.S. Navy Recruit Training Command in Great Lakes, Illinois.



Attackers Inspired by a Range of Ideologies Promoting Violence

In 2015, the *New York Times* conducted a survey with the Police Executive Research Forum of 382 U.S. law enforcement agencies and found that 74 percent of participating law enforcement agencies reported anti-government extremism as one of the top three terrorist threats in their jurisdiction while 39 percent listed extremism connected with Islamic terrorist organizations. These figures suggest a range of threats across the ideological spectrum that inspire people to commit acts of violence, including active shooter attacks. 23 percent of attackers highlighted in the 2012-2016 data set were either inspired by another active shooter or an ideology (18 cases).

- The most common incident claimed as inspiration for ideologically-motivated attacks in the NYPD data set was the Columbine shooting in 1999; however, other recent high-profile attacks such as the 2012 movie theater attack in Aurora, Colorado and Dylann Roof's 2015 attack on a church in Charleston, South Carolina were cited by 2013-2016 attackers as inspiration.
- Attacks in this metric also included those inspired by ideologies that promoted violence, including foreign terrorist organizations, white supremacist groups, and the Sovereign Citizens Movement.

A number of domestic extremists have recently evoked Dylann Roof—whose white supremacist ideology led him to murder nine African Americans and injure one other in Charleston, South Carolina on June 17, 2015—as inspiration to plan or conduct violent attacks, including mass shootings against minority

⁵ This case was not included in the cases for analytical review, as it did not meet criteria for inclusion due to its premature end.

populations in the United States, a trend that may continue for those looking to carry out attacks against ethnic, religious, and other minorities.

- In 2016, a number of anonymous threats inspired by Dylann Roof’s violence targeted the minority community in Charleston, South Carolina. A Charleston woman received a post card in July 2016 warning “Charleston – the sequel – coming soon to a mosque near you.” As many as eight Charleston businesses received threatening anonymous letters during the week of November 6, 2016, with one specifically referencing Roof. The letter stated, “Every one of the nine lives sacrificed by his greatness, Mr. Dylann S. Roof, is one less I will need to sacrifice.”
- In July 2016, John Russell Houser shot and killed two people and wounded nine others at a movie theater in Louisiana before turning the gun on himself. Police found a note Houser left behind that twice referenced Roof, saying explicitly, “Thank you for the wake-up call, Dylann.”



Social Media Provides Potential Indicators, Supports Response

In a number of cases the attacker had indicators of an imminent attack on at least one of their social media networks, including, but not limited to, Facebook, Twitter, blogs, forums, and YouTube. Of the 78 cases analyzed, news media reported social media indicators prior to the attack in 12 instances (15.4 percent). This number may underestimate the number of cases with online indicators since many social media outlets allow their posters anonymity and many social media profiles are only accessible by a select private audience.

- Prior to his attack on Baton Rouge police officers on July 17, 2016, Gavin Eugene Long had a long trail of online postings documenting his interest in “black separatism” and fury at police shootings of African American males.
- Prior to his 2015 attack on the Emmanuel African Methodist Episcopal Church, Dylann Roof posted repeatedly to his website, including a copy of his attack manifesto which detailed his white supremacist views and his rationale for choosing the Charleston church.
- Prior to killing six people and injuring 14 others near the campus of the University of California, Santa Barbara in 2014, Elliot Rodger uploaded a video to YouTube entitled “Elliot Rodger’s Retribution” in which he detailed his rationale for the attack. In the video, he revealed that he wished to punish women for rejecting him, that he envied sexually active men, and that he hated women, racial minorities, and interracial couples.

Social media has also been used successfully for both rescue and intelligence gathering during active shooter incidents. Many of the shooting cases detailed in the NYPD’s analysis involved social media messages to the public by both law enforcement and private institutions. As seen in *Figure 1*, at the outset of the 2016 Pulse nightclub shooting, staff members posted on Facebook for individuals to flee the club. Law enforcement was able to glean live intelligence transmitted through text messages and social media posts from individuals held hostage in the bathroom.

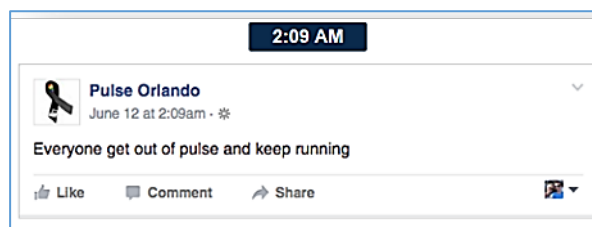


Figure 1: Social media post by an employee during the Pulse nightclub shooting.



The Popularity of Handguns, Rifles, and Body Armor Necessitates Specialized Training



The 2013-2016 data set demonstrates that handguns remain the most prevalently used weapon in this timeframe, followed by rifles. 75 percent of attacks in the 2013-2016 data set employed handguns to conduct their attacks (59 cases). Training responders in the management of incidents in which handguns and rifles are used remains a priority for both law enforcement and security personnel. Beyond taking into account different types of weaponry, security personnel should remain cognizant of other factors which would affect their ability to respond to an active shooter event, including the amount of ammunition carried by the shooter, and whether the attacker is wearing body armor.

In cases where this information has been reported accurately—though this information is limited and typically only available in high-profile attacks or disruptions—the quantities of ammunition correlates with the demonstrated or stated intent to carry out a large-scale, mass casualty attack. Incidents with reporting on large quantities of ammunition include the 2016 Pulse nightclub attack (264 rounds used), the 2015 Garland Texas attack (1,500 unspent rounds found), and the 2014 Isla Vista attack (548 unspent rounds found). The use of body armor in active shooter attacks has consistently trended slightly upwards in recent years. Of the 78 cases in the 2013-2016 data set, there were 15 attacks in which body armor was used by the attacker (19 percent). The quality of this body armor ranges from homemade vests to high-end market tactical gear. In the 2015 shooting of a Colorado Planned Parenthood location, Robert Lewis Dear Jr. wore a homemade ballistic vest made out of silver coins and duct tape. Private security personnel may find their guns ineffective in an active shooter event in which the shooter is wearing body armor.



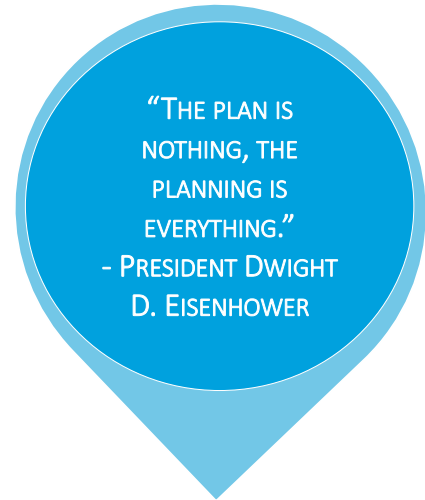
Barricade and Hostage-Taking Remain Rare Occurrences in Active Shooter Events

In only five cases did the active shooter barricade himself or herself from law enforcement during the course of the attack. Of these five cases, the attacker was killed in four of them and committed suicide in the fifth case. In three of the cases, the attacker took hostages.

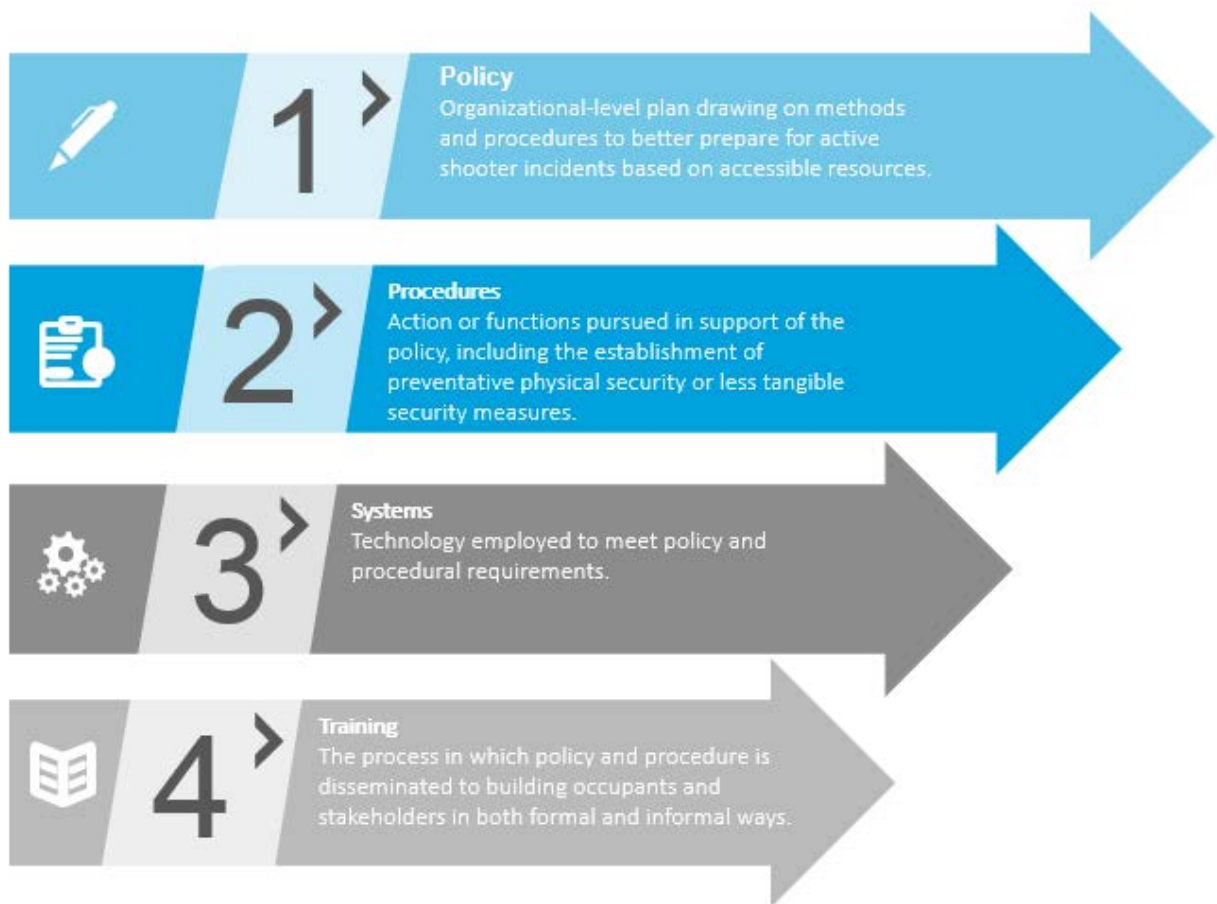
- Omar Mateen was able to barricade himself in a bathroom of the Pulse nightclub in the final stage of his June 12, 2016 attack. Police were able to break through the bathroom wall with the use of a BearCat vehicle.
- In the 2015 Colorado Planned Parenthood attack, which left three dead and nine injured, Robert Lewis Dear Jr. barricaded himself within the Planned Parenthood building with several hostages for three hours. Police were able to evacuate the majority of individuals trapped within the facility.

RECOMMENDATIONS

Based on a review and analysis of 50 years' worth of active shooter case data, the NYPD compiled a list of recommendations to mitigate the risks from active shooter attacks and improve the response to such incidents.ⁱⁱⁱ The goal of this guide is to provide recommendations tailored to private sector security plans and personnel. In the 2016 edition of this book the NYPD has organized its recommendations into four categories: policy, procedure, systems, and training. The recommendations section has been expanded to include a focus on policy, which will provide the foundation for organizational response to active shooter incidents; this section was not included in previous editions.



Private sector organizations should consider the following recommendations when developing an active shooter program:



POLICY

Policy refers to an organizational-level plan drawing on methods and procedures to better prepare for active shooter incidents based on accessible resources. Recommendations include:

- Implement an active shooter preparedness plan and update the plan yearly.
- Institute a workplace violence policy that offers zero tolerance towards workplace violence and an avenue to report threatening behavior.
- Human Resource-sponsored Employee Assistance Programs (EAP) should include a threat assessment team to help identify at risk employees prior to an event.
- In addition to the preparedness plan, a strong EAP should supplement the establishment of active shooter policies and procedures.
- Implement a communications / media liaison plan for an active shooter event for the designated public affairs officer.
- Establish a recovery policy that includes a transitional plan to resume normal operations after the event, even as an investigation is ongoing.
- Establish a reunification policy for building occupants during and after an active shooter event.

PROCEDURES

Procedure is a particular action or function that accomplishes the policy, including the establishment of preventative physical security measures like a camera system or conceptual measures like the incorporation of active shooter drills into the overall procedural plan.

- Incorporate an active shooter drill into the organization's emergency preparedness procedures.
- Conduct a realistic security assessment to determine the facility's vulnerability to an active shooter attack.
- Install certain hardening fixtures, such as bullet resistant windows.
- Identify multiple evacuation routes and practice evacuations under varying conditions; post evacuation routes in conspicuous locations throughout the facility; ensure that evacuation routes account for individuals with special needs and disabilities.
- Designate safe rooms with thick walls, solid doors with locks, minimal interior windows, first-aid emergency kits, communication devices, and duress alarms.
- Designate a point-of-contact with knowledge of the facility's security procedures and floor plan to liaise with police and other emergency agencies in the event of an attack.
- Vary security guards' patrols and patterns of operation.

ASSEMBLE EMERGENCY RESPONSE RESOURCE KIT CONTAINING:

- ACCESS CONTROL DEVICES (E.G. KEYS, FOBs, SECURITY SYSTEM PASS CODES)
- FLOOR PLANS
- HAND-HELD RADIOS WITH ACCESS TO FREQUENCY USED BY SECURITY PERSONNEL
- MOBILE CLOSED-CAPTION TELEVISION (CCTV) FEED ACCESS (E.G. TABLET WITH REMOTE ACCESS)

- Limit access to blueprints, floor plans, and other documents containing sensitive security information, but ensure these documents are available to law enforcement responding to an incident.
- Establish a central command station for building security.
- Identify and implement a lock-down (threat inside) or lockout (threat outside) procedure as soon as possible.

SYSTEMS

Systems refers to the technology employed to meet policy and procedural requirements, to include the implementation of the following:

- Credential-based access control systems that provide accurate attendance reporting, limit unauthorized entry, and do not impede emergency egress and entrance.
- Closed-circuit television (CCTV) systems that provide domain awareness of the entire facility and its perimeter; ensure that video feeds are viewable from a central command station and consider installing a remote access portal for first responders.
- Standardized public address system announcement for active shooter events.
- Communications infrastructure that allows for facility-wide, real-time messaging and include access for first responders.
- Elevator systems that may be controlled or locked down from a central command station.

TRAINING

Training is the process through which policy and procedure is disseminated to building occupants and stakeholders in both formal and informal ways.

- Train building occupants on how to identify indicators associated with threatening behavior and provide a method to report the incident to authorities.
- Train building occupants on response options outlined by the NYPD Shield Unit's Active Shooter training program when an active shooter is in the vicinity:^{iv}
 - **Avoid:** Building occupants should evacuate the facility if safe to do so; evacuees should leave behind their belongings, visualize their entire escape route before beginning to move, and avoid using elevators or escalators.
 - **Barricade:** If evacuating the facility is not possible, building occupants should hide in a secure area (preferably a safe room), lock the door, barricade the door with heavy furniture, cover all windows, turn off all lights, silence any electronic devices, lie on the floor, and remain silent.
 - **Confront:** If evacuating the facility or seeking shelter is not possible, building occupants should attempt to disrupt and/or incapacitate the active shooter by using improvised weapons, using aggressive force, and yelling.
- Provide building personnel with guidance on developing their own personal response plan.

- Train building occupants to call 911 as soon as it is safe to do so and provide the following information to the operator (*Figure 3*):
- Train building occupants on how to respond when law enforcement arrives on scene:
 - Follow all official instructions
 - Remain calm
 - Keep hands empty and visible at all times
 - Avoid making sudden or alarming movements
 - Avoid stopping or approaching responding officers during self-evacuation

INFORMATION TO PROVIDE TO LAW ENFORCEMENT OR 911 OPERATOR:

- LOCATION OF CALLER
- IS THE ATTACK IN PROGRESS?
- NUMBER OF SHOOTERS
- PHYSICAL DESCRIPTION OF SHOOTER
- TYPE OF WEAPON
- LAST LOCATION OF SHOOTER
- NUMBER OF KNOWN VICTIMS
- PRESENCE OF IED / SUSPICIOUS PACKAGE

Figure 3

- Initial first responders arriving at the scene may not stop to aid injured persons.
- Train building occupants in basic hemorrhage control, self-help, and first aid. This training may include the use of commercially available tourniquets and hemorrhage control devices.
- Develop a comprehensive training program within the organization to commit stakeholders and employees to improve security and safety, conduct organizational assessments, and prepare to take action in the event of an active shooter (*Figure 4*).
- At a minimum, yearly exercises should be conducted to test the effectiveness of all active shooter policies and procedures while evaluating the procedural competency of building occupants. The following are recommended exercise techniques:
 - Tabletop Exercises – Conducted in a controlled environment, these exercises allow executives to use critical thinking and resource allocation to mitigate an active shooter scenario.
 - Active Shooter Drills – A kinesthetic training event in which stakeholders, building occupants, other staff members, and emergency response services create a simulated active shooter event at the location. Similar to a fire drill, these drills evaluate the effectiveness of policy, procedure, systems, and training implemented at a given location. Drills MUST be communicated to building occupants and first responders prior to commencement.
- The psychological effects of an active shooter event may produce the need for a psychological first aid training program to compliment the active shooter training.
- All training programs implemented must take into consideration those occupants with disabilities and be in accordance with The Americans with Disabilities Act of 1990, The Rehabilitation Act of 1973, EO 12196, and EO 13347.

POTENTIAL ACTIVE SHOOTER DISCUSSION TOPICS:

- COVER VS. CONCEALMENT: UNDERSTANDING BALLISTICS PROTECTION
- SHELTER-IN-PLACE TACTICS
- LOCK DOWN / LOCK OUT PROCEDURES
- IMPROVISED WEAPONS DERIVED FROM YOUR ENVIRONMENT
- ACTIVE SHOOTER MINDSET

Figure 3

ANALYSIS

The NYPD identified a subset of the active shooter cases included in the Compendium and ran statistical analyses of the data set (see Part IV for an explanation of the analytic methodology).⁶ In total, the 2016 version of the active shooter data set includes 308 cases, an increase of 78 cases from the previous number of 230 cases analyzed in the 2012 edition.

Although this analysis identified some common characteristics among active shooters, the NYPD found a large degree of variation in attacker profiles in regards to: age of the attacker, attack planning, targets, number of casualties, location of the attack, weapons used, and attack resolution. However, there was little variation in both the sex of the attacker and number of attackers.

Sex of Attacker

The NYPD's analysis demonstrates that active shooters are an overwhelmingly male group. Only 11 out of 308 cases (3%) in the active shooter data set involved female attackers. Taking into account reporting biases—for example, the possibility that the relative rarity of female attackers leads to increased attention paid to those attacks—the actual percentage of female attackers may be even lower.

Age of Attacker

The NYPD's analysis demonstrates that the median age of active shooters in the active shooter data set is 33-34; however, this median conceals a more complicated, yet unsurprising distribution, depicted in Figure 5. The distribution of ages is bimodal, with a first peak for shootings at schools by 15-19 year-olds and a second peak in non-school facilities by 35-44 year-olds. These findings are essentially unchanged from the earlier editions of this report.

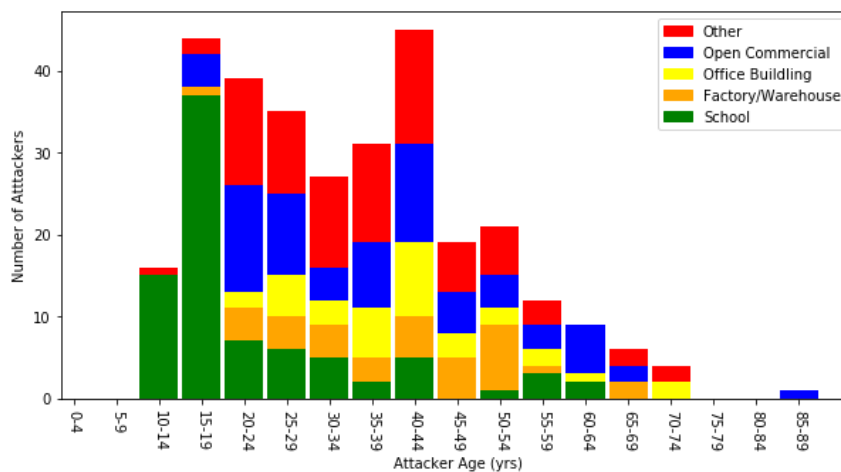


Figure 4: Attacker Ages by Number of Attackers

⁶). The following analysis includes all cases in the Compendium, except: 1) those that occurred outside of the United States; 2) those that did not result in casualties of either victims or attackers; and 3) those that were foiled before the attack occurred.

Number of Attackers

The NYPD's analysis demonstrates that 97 percent of active shooter incidents in the active shooter data set were carried out by a single attacker. These findings are not statistically different from the 2010 and 2012 editions of this report.

Targets

The NYPD organized relationships between attackers and victims in the active shooter data set into five categories: professional, academic, familial, other, and none.^v

The NYPD's analysis demonstrates that active shooters are often members of the communities they target. Figure 6 shows that the majority of active shooter attacks in the data set occurred when the perpetrator had either a professional, academic, or familial relationship with at least one of the victims.^{vi} However, 34 percent of active shooter attacks in the active shooter data set occurred when the active shooter had no prior relationship to the victims, demonstrating that active shooter attacks can occur even without any prior altercation or grievance with the specific victim(s).

Moreover, of the 98 attacks that involved professional relationships, many were perpetrated by individuals who were still employed by the organization at the time of the attack, implying that the threat from active shooter attacks is not limited to terminated employees. In many cases, active shooter attacks resulted from disagreements among current employees of the organization.

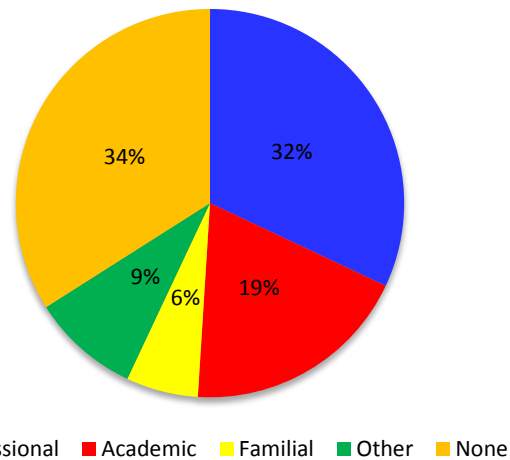


Figure 5: Attacker's Relationship to Victims

Number of Casualties

Determining the typical number of casualties in an active shooter attack is complex because the active shooter data set includes a small number of attacks with a large number of casualties; these cases inflate the average. For this reason, the median is a better measure of the typical number of casualties than the average.

The NYPD's analysis demonstrates that the median number of deaths in cases included in the active shooter data set is 2, and the average is 3.0. In the 2012 edition of this book, the average was 3.1; this change is not statistically significant. The majority of attacks included in the active shooter data set resulted in 0 to 5 deaths.

The median number of wounded is 2, and the average is 3.9. These statistics are unchanged from the 2012 edition of this book.

The NYPD's analysis demonstrates that the distribution of the number of wounded is similar to the distribution of the number of dead. The distributions differ slightly in that there are a few more attacks with large numbers of wounded than there are attacks with large numbers of dead.

Figures 7 and 8 shows the distributions of the number of attacks by casualty count for both dead and wounded. These distributions demonstrate that a typical active shooter attack results in 0-2 deaths and 0-2 wounded.

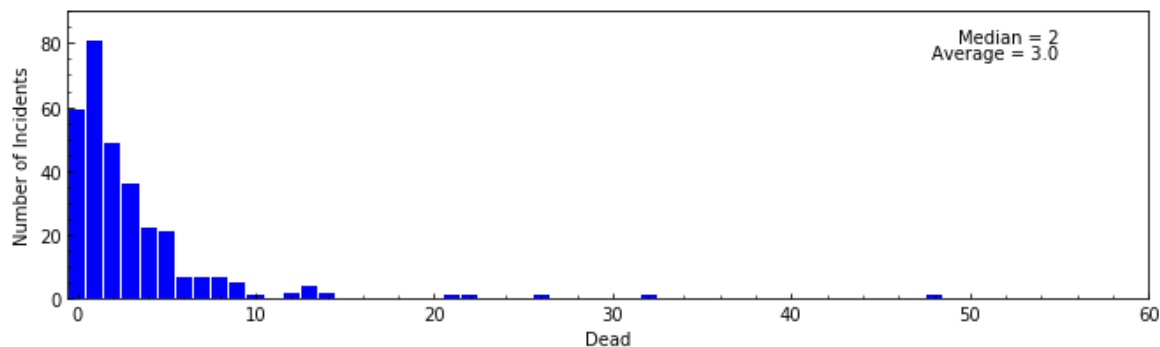


Figure 6: Number of Incidents by Number Wounded

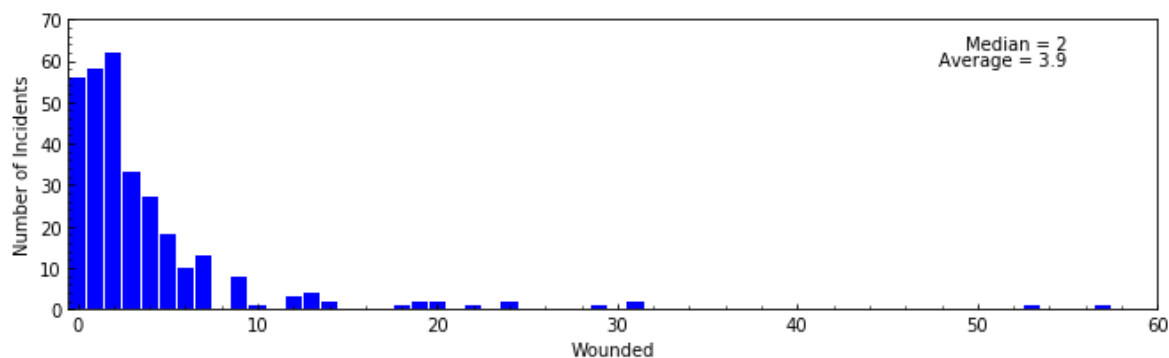


Figure 7: Number of Incidents by Number Killed

Location of Attack

The NYPD organized attack locations in the active shooter data set into five categories: office buildings, open commercial areas,^{vii} schools, factories and warehouses, and other facilities.^{viii}

The NYPD's analysis demonstrates that less than 25% of attacks included in the active shooter data set took place at schools, and roughly 40% occurred at commercial facilities, such as office buildings, factories and warehouses, and open commercial areas. Moreover, Table 1 shows that attacks at restricted commercial facilities, such as office buildings, factories, and warehouses, occurred at approximately the same frequency as attacks at open commercial facilities, such as retail stores or restaurants.^{ix}

Location Type	Number of Incidents	Percentage
School	83	21%
Office Building	36	9%
Open Commercial	93	23%
Factory/Warehouse	38	10%
Other	147	37%
Total	397*	100%

Table 1: Number of Incidents by Location Type

* The 308 cases in the active shooter data set occurred at 397 locations because several attacks involved more than one location. The increase in incidents at “other” locations since the 2010 Edition is primarily due to the shootings in Wixom, Michigan, which occurred in at least 24 locations along a highway and the shootings in Isla Vista, California, which partly occurred along a street.

Weapons

The NYPD’s analysis demonstrates that 37% percent of active shooter attacks in the active shooter data set involved more than one weapon. This finding is unchanged from the 2012 edition of this report. In some instances, one of the weapons was a close combat weapon, such as a knife. In one case, a single attacker carried seven weapons, including a rifle, two shotguns, and four handguns.

In several cases, the attackers used firearms that they had stolen from relatives or friends. This pattern was most apparent in school-related shootings where attackers stole weapons from parents.

Reporting on weapons involved in active shooter attacks is often inconsistent and inaccurate. For some attacks, news reports state the exact make and model of the firearm involved; for other attacks, reports do not include specific information on weapons. Moreover, reports often refer to semi-automatic rifles as “machine guns” or “assault weapons;” neither term is particularly descriptive, and often times both terms are inaccurate. Additionally, in some cases, the make and model of a weapon is not enough information to fully decipher its capabilities, since aftermarket kits are available to convert certain firearms from semi-automatic to fully-automatic.

Attack Resolution

The NYPD organized attack resolutions in the active shooter data set into four categories: applied force, no applied force, suicide or attempted suicide, and attacker fled.

Table 2 shows that the vast majority of attacks in the active shooter data set ended violently, either by force applied by law enforcement, private security, bystanders, or the attackers themselves. Only 17

Resolution	Number of Incidents	Percentage
Applied Force	138	45%
No Applied Force	52	17%
Suicide/Attempted Suicide	117	38%
Attacker Fled	1	<1%
Total	308	100%

Table 2: Number of Incidents by Event Resolution

percent ended without applied force, such as by a negotiated surrender. In the 2012 edition of this report, the corresponding fraction was 16 percent; this change is not statistically significant.

Frequency

Using statistical analysis to make generalizations about the frequency of active shooter attacks is difficult due to sampling biases associated with how the active shooter data set was gathered (see Part IV for an explanation of the analytic methodology.) However, some conclusions can be drawn regarding incidents in recent years.

The NYPD has observed evidence of an increase in active shooter incidents in the U.S. since the early 2000's. From 2001-2005, the average number of active shooter attacks was 9; from 2006-2010 the average was 16; and from 2011-2015 the average was 17. There were 19 active shooter incidents in 2016; though, this number does not factor in a five year average.

There is also some anecdotal evidence that attacks have become more dangerous in recent years. The three deadliest attacks in the data set (Virginia Tech; Newton, Connecticut; and Orlando, Florida) and three of the four most injurious attacks in the data set (Aurora, Colorado; Fort Hood, Texas; and Orlando, Florida) all occurred since 2007. However, incidents with high casualty counts have also occurred in the more distant past, such as the shootings in Austin, Texas; Killeen, Texas; San Ysidro, California; and Stockdale, California (see Compendium).

ANALYTIC METHODOLOGY

The Compendium of active shooter incidents presented in the appendix includes a total of 417 entries. The incidents in the Compendium occurred between 1966 and December 31, 2016. The NYPD compiled these cases from internet news sources identified using online search. The NYPD did not use special-access government sources to compile the cases in the Compendium; all information is open-source and publicly available.

The NYPD included only those incidents carried out by attackers that met the DHS definition of an active shooter: “a person(s) actively engaged in killing or attempting to kill people in a confined and populated area.” In its definition, DHS notes that, “in most cases, active shooters use firearm(s) and there is no pattern or method to their selection of victims.” The NYPD has limited this definition to include only cases that spill beyond an intended victim to involve others (including bystanders and collateral casualties). The NYPD further restricted this definition to exclude: gang-related shootings, shootings that solely occurred in domestic settings, robberies, drive-by shootings, attacks that did not involve a firearm, and attacks categorized primarily as hostage-taking incidents.

The search technique used by the NYPD to identify the cases included in the Compendium had some limitations that resulted in sampling biases. First, since the NYPD gathered the data through an internet search, the Compendium has a strong sample bias towards recent incidents. For attacks that occurred between 2000 and 2016, the Compendium is a nearly comprehensive account of active shooter incidents that attracted news coverage. For attacks that occurred prior to 2000, the Compendium may not be comprehensive because the attacks pre-date widespread internet news reporting. Second, for incidents that occurred before 2000, the Compendium is biased towards attacks with higher casualty counts, which tended to attract greater media attention and were thus easier to find in news reports. The data in the Compendium are also sensitive to which incidents are covered by news organizations; if an active shooter incident with a relatively small casualty count did not attract any coverage, the NYPD would not realistically have awareness of the incident to include it in the data set. This would be particularly important if, as seems likely, in more recent years active shooter attacks have become more likely to receive coverage.

To facilitate the quantitative analysis, the NYPD organized the information about each case into categories. Some incidents were difficult to classify and required analyst judgment to resolve. For all cases, the Compendium includes a reference to the original source material that allows readers to obtain further detail or clarification.

Occasionally, multiple sources related to a single incident presented conflicting information about that attack. Generally, when the NYPD identified discrepancies between sources, the NYPD included the information presented in the more recent source; this is particularly relevant for the counts of dead and wounded, where later sources tend to be more accurate. In cases where the NYPD identified discrepancies between a government source and a news outlet, the NYPD included the information presented in the government source.

The NYPD prepared a subset of the Compendium cases suitable for quantitative analysis. The active shooter data set includes all cases in the Compendium, except: 1) those that occurred outside of the United States; 2) those that did not result in casualties of either victims or attackers; and 3) those that were foiled before the attack occurred. In total, the active shooter data set includes 308 cases, 78 of which are new for the 2016 Edition.

The NYPD chose to restrict quantitative analysis to cases that took place within the United States because the NYPD limited its internet searches to English-language sites, creating a strong sampling bias against international incidents. Table 4 presents the number of cases in the Compendium by country.



Table 4: Number of Incidents by Country



Country	Number of Incidents	Country	Number of Incidents
U.S.	350	Bosnia	1
Canada	9	Brazil	1
Germany	8	Denmark	1
Australia	5	Argentina	1
France	5	Greece	1
United Kingdom	4	Norway	1
Israel	3	Slovakia	1
Finland	2	Somalia	1
India	2	Spain	1
The Netherlands	2	Sweden	1
Belgium	2	Switzerland	1
Tunisia	2	Thailand	1
South Korea	2	Kenya	1
Italy	2	Yemen	1
Russia	1	Austria	1
Pakistan	1	Burkina Faso	1
Egypt	1		

The NYPD chose to restrict quantitative analysis to cases with one or more documented casualties to compensate for a strong sampling bias. Although the NYPD identified in the Compendium 40 foiled attacks and nine attacks resulting in zero casualties, this portion of the Compendium is not comprehensive, given the comparatively limited amount of news coverage these attacks received.^x

As a rule, the ability to make generalizations regarding a group of events improves as the number of events in the sample increases. Accordingly, it is difficult to make precise statistical judgments with limited data; for this reason, many research questions that would have been interesting to investigate, such as the average number of deaths in active shooter incidents in each state, cannot be answered with this data set.

ADDITIONAL ACTIVE SHOOTER RESOURCES

	<h1 style="margin: 0;">ACTIVE SHOOTER RESPONSE</h1>	
<div style="border: 2px solid #002060; padding: 10px; margin-bottom: 10px;"> <p style="text-align: center;">CONTACT INFORMATION</p> <p>EMERGENCY:</p> <p style="text-align: center; font-size: 1.2em;">911</p> <p>POINT OF CONTACT FOR POLICE RESPONSE: _____</p> <p>SECURITY DIRECTOR: _____</p> </div>	<div style="border: 2px solid #002060; padding: 10px;"> <p style="text-align: center;">LOCATION OF EMERGENCY RESPONSE RESOURCE KIT</p> <p>_____</p> <p>_____</p> <p>_____</p> </div>	

	<h1 style="margin: 0;">CALL 911 WHEN IT IS SAFE TO DO SO</h1>			
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 5px;"> <p style="text-align: center;">1. AVOID</p> <ul style="list-style-type: none"> FOLLOW PLANNED ESCAPE ROUTE LEAVE BELONGINGS BEHIND KEEP HANDS VISIBLE </td> </tr> <tr> <td style="padding: 5px;"> <p style="text-align: center;">2. BARRICADE</p> <ul style="list-style-type: none"> HIDE OUT OF SHOOTER VIEW BLOCK ENTRY TO HIDING PLACE SILENCE ELECTRONIC DEVICES </td> </tr> <tr> <td style="padding: 5px;"> <p style="text-align: center;">3. CONFRONT</p> <ul style="list-style-type: none"> ATTEMPT TO DISRUPT OR INCAPACITATE ATTACKER USE IMPROVISED WEAPONS, USE FORCE, AND YELL </td> </tr> </table>	<p style="text-align: center;">1. AVOID</p> <ul style="list-style-type: none"> FOLLOW PLANNED ESCAPE ROUTE LEAVE BELONGINGS BEHIND KEEP HANDS VISIBLE 	<p style="text-align: center;">2. BARRICADE</p> <ul style="list-style-type: none"> HIDE OUT OF SHOOTER VIEW BLOCK ENTRY TO HIDING PLACE SILENCE ELECTRONIC DEVICES 	<p style="text-align: center;">3. CONFRONT</p> <ul style="list-style-type: none"> ATTEMPT TO DISRUPT OR INCAPACITATE ATTACKER USE IMPROVISED WEAPONS, USE FORCE, AND YELL 	<div style="border: 2px solid #002060; padding: 10px;"> <p style="text-align: center;">INFORMATION TO PROVIDE TO LAW ENFORCEMENT OR 911 OPERATOR</p> <ul style="list-style-type: none"> LOCATION OF CALLER IS THE ATTACK IN PROGRESS? NUMBER OF SHOOTERS PHYSICAL DESCRIPTION OF SHOOTER TYPE OF WEAPON LAST LOCATION OF SHOOTER NUMBER OF KNOWN VICTIMS PRESENCE OF IED / SUSPICIOUS PACKAGE </div>
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ⁱ U.S. Department of Homeland Security, “Active Shooter: How to Respond”; U.S. Department of Homeland Security, “Planning and Response to an Active Shooter: An Interagency Security Committee Policy and Best Practices Guide”; University of California Police Department, University of California at Los Angeles, “Your Response to an Active Shooter: Safety Tips”; Federal Bureau of Investigation, US Department of Justice, “Workplace Violence; Issues in Response”; Hawaii Workplace Violence Working Group Committee, “Workplace Violence: Prevention, Intervention

and Recovery”; Department of Labor and Industry, State of Minnesota, “Workplace Violence Prevention: A Comprehensive Guide for Employers and Employees.”

ⁱⁱ U.S. Department of Homeland Security, “Active Shooter: How to Respond,” October 2008, http://www.lpinformation.com/Portals/0/DHS_ActiveShooter_FlipBook.pdf; University of California Police Department, University of California at Los Angeles, “Your Response to an Active Shooter: Safety Tips,” 2008, www.ucpd.ucla.edu/2008/activeshootersafetytips.pdf; US Secret Service, U.S. Department of the Treasury, “The Final Report and Findings of the Safe School Initiative: Implications for the Prevention of School Attacks in the United States,” May 2002, http://www.secretservice.gov/ntac/ssi_final_report.pdf; Federal Bureau of Investigation, US Department of Justice, “Workplace Violence; Issues in Response,” June 2002, <http://www.fbi.gov/publications/violence.pdf>; Hawaii Workplace Violence Working Group Committee, “Workplace Violence: Prevention, Intervention and Recovery,” October 2001, http://hawaii.gov/ag/cpia/quicklinks/workplace_violence/WVfull.pdf; Department of Labor and Industry, State of Minnesota, “Workplace Violence Prevention: A Comprehensive Guide for Employers and Employees,” <http://www.doli.state.mn.us/WSC/PDF/WorkplaceViolencePreventionGuide.pdf>.

ⁱⁱⁱ U.S. Department of Homeland Security, “Active Shooter: How to Respond”; U.S. Department of Homeland Security, “Planning and Response to an Active Shooter: An Interagency Security Committee Policy and Best Practices Guide”; University of California Police Department, University of California at Los Angeles, “Your Response to an Active Shooter: Safety Tips”; Federal Bureau of Investigation, US Department of Justice, “Workplace Violence; Issues in Response”; Hawaii Workplace Violence Working Group Committee, “Workplace Violence: Prevention, Intervention and Recovery”; Department of Labor and Industry, State of Minnesota, “Workplace Violence Prevention: A Comprehensive Guide for Employers and Employees.”

^{iv} U.S. Department of Homeland Security, “Active Shooter: How to Respond.”

^v The NYPD categorized attacks against significant others and former significant others as “Other.”

^{vi} In cases in which the attacker had multiple victims, the NYPD determined the relationship classification based on the attacker’s relationship to the “closest” victim. *E.g.*, In an active shooter incident in which an attacker shoots his spouse and his spouse’s coworker, the relationship classification is “familial.”

^{vii} The NYPD defines “Open Commercial” as commercial locations to which members of the public have open, unfettered access. *E.g.*, shopping malls, department stores, restaurants, etc.

^{viii} Several of the cases included in the “Other” category occurred at: airports, medical centers, and religious facilities. The NYPD chose not to break these types of locations out into their own categories because the number of attacks at each type of location did not exceed a 5% threshold.

^{ix} Classification of some events required analyst judgment.

^x Incidents in which the attacker was the only casualty may also suffer from limited news reporting, making this portion of the data set incomplete.

APPENDIX

ACTIVE SHOOTER

RECOMMENDATIONS AND ANALYSIS FOR RISK MITIGATION



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Office Buildings

Date	Number of Attack Locations	Location Information	Attacker Information	Casualties	Number of Weapons	Weapon Information	Closest Relationship to Victims	Date Attack Concluded	Resolution
2 December 2015	1	Inland Regional Center in San Bernardino, California.	Syed Rizwan Farook (M/28); Tashfeen Malik (F/29)	14 dead; 24 wounded	5	2 rifles; 2 handguns; Other (explosive device)	Professional	Same day	Force
	<p>On December 2, 2015, Syed Rizwan Farook and Tashfeen Malik, a married couple dressed in combat gear, began shooting in the parking lot of the Inland Regional Center in San Bernardino, California. Once inside the building, the pair shot coworkers at a holiday party, reportedly fired 65-75 rounds before the fire alarm was triggered. After fleeing the scene, both attackers were killed during an exchange of gunfire with law enforcement hours later.ⁱⁱⁱ</p>								
26 October 2015	2	Syverud Law Office and Miller-Meier Limb and Brace, Inc near Davenport, Iowa	Robert Lee Mayes Jr. (M/40)	0 dead; 2 wounded	1	Handgun	Other	Same day	Suicide
	<p>On the afternoon on October 26, 2015, Robert Lee Mayes, Jr. targeted his estranged wife's workplace, Syverud Law Office in Davenport, Iowa prior to driving to his former father-in-law's place of business at Miller-Meier Limb and Brace, Inc. The shooter committed suicide after law enforcement arrived.^{iiiiv}</p>								

10 January 2015	3	Northwestern Mutual Insurance, Arby's Restaurant, and the residence of the shooter's mother in Moscow, Idaho.	John Lee, aka Kane Grzebielski (M/29)	3 dead; 1 wounded	5	3 handguns; Shotgun; Rifle	Familial	Same day	No Force
	Joe Lee, also known as Kane Grzebielski, began shooting in the first of three locations in Moscow, Idaho at 2:31p.m. on January 10. Lee first killed his landlord and wounded a bystander at Northwestern Mutual Insurance. He then drove to a nearby Arby's restaurant and killed another person. Finally, Lee drove to his adoptive mother's home and killed her before law enforcement arrived. The shooter was later apprehended by authorities after a car chase. ^v								
30 January 2013	2	DeConcini McDonald Yetwin & Lacy, P.C. law firm and the streets of Pheonix, Arizona	Arthur Douglas Harmon, III (70/M)	2 dead; 1 wounded	3	Handguns; Rifle (AR-15)	Professional	Same Day	Suicide
	Arthur Douglas Harmon opened fire at the DeConcini McDonald Yetwin & Lacy Law Firm, killing two and wounding 1. While fleeing the scene, Harmon shot at a vehicle that attempted to follow him in order to retrieve his license plate number. No injuries resulted from that encounter. After a twelve hour manhunt, Harmon's body was discovered with self-inflicted gunshot wounds. Harmon had targeted two of his victims after being angered by the outcome of a meeting over a legal dispute. ^{viiiviii}								
27 September 2012	1	Accent Signage Systems in Minneapolis, Minnesota	Andrew Engeldinger (36/M)	5 dead; 3 wounded	1	Handgun (9-millimeter semi-automatic)	Professional	Same day	Suicide
	Andrew Engeldinger opened fire at Accent Signage Systems in Minnesota, killing five coworkers and wounding three others. Engeldinger had been fired from Accent Signage Systems immediately prior to his attack. ^{ix}								

17 August 2010	1	Department of Public Safety in McKinney, Texas	Patrick Gray Sharp (29/M)	0 dead; 0 wounded	3	Rifle; Shotgun (12-gauge); Handgun (.45-caliber semi-automatic)	None	Same day	Suicide
	Patrick Sharp opened fire outside the Department of Public Safety in McKinney, Texas. The attack resulted in zero casualties. Sharp began his attack by setting his truck on fire to lure people out of the building. He then retreated across the street and fired 100 rounds of ammunition on employees standing outside the building. Sharp was unsuccessful in attempting to ignite the trailer attached to his truck, which was filled with explosives. Prior to the attack, Sharp made references to his plot on a social networking site and expressed his desire to kill people in correspondence with a Facebook friend. ^{x xi}								
12 July 2010	1	Emcore Corp in Albuquerque, New Mexico	Robert Reza (37/M)	2 dead; 4 wounded	1	Handgun (.45-caliber semi-automatic)	Other	Same day	Suicide
	Robert Reza opened fire at Emcore Corporation, where he was formerly employed, killing two people and wounding four others, including his ex-girlfriend. Reza began his attack outside the office building and then later forced his way inside the facility. Reports state that the attack occurred after Reza and his ex-girlfriend were involved in a domestic dispute. ^{xii xiii}								
4 March 2010	1	Pentagon in Arlington County, Virginia	John Patrick Bedell (36/M)	0 dead; 2 wounded	2	2 handguns (9-millimeter semi-automatic)	None	Same day	Force
	John Bedell opened fire on Pentagon police officers after an officer asked him for his credentials at the security checkpoint of the Pentagon's main entrance. Three guards returned fire and fatally wounded the gunman. ^{xiv}								
10 November 2009	1	Legacy Metro Lab in Tualatin, Oregon	Robert Beiser (39/M)	1 dead; 2 wounded	3	Rifle; Shotgun; Handgun	Familial	Same day	Suicide
	Robert Beiser opened fire in a drug-testing clinic where his wife was employed, killing her and injuring two of her co-workers. The attack came one week after Beiser's wife filed for divorce. ^{xv xvi}								

6 November 2009	1	Reynolds, Smith, & Hills in Orlando, Florida	Jason Rodriguez (40/M)	1 dead; 5 wounded	1	Handgun	Professional	Same day	No force
	Jason Rodriguez opened fire at his former workplace, killing one employee and wounding five others. The assailant surrendered at his mother's apartment after a two hour manhunt. ^{xvii xviii}								
14 November 2008	1	SiPort Company offices in Santa Clara, California	Jing Hua Wu (47/M)	3 dead; 0 wounded	1	Handgun (9- millimeter)	Professional	Same day	Force
	Jing Hua Wu opened fire at his former workplace, killing three people, including the CEO. Wu had been laid-off hours prior to the attack and returned to the office to request a meeting with company officials. Wu shot and killed all three victims during this meeting. ^{xix}								
4 October 2007	1	Giordano & Giordano Law Office in Alexandria, Louisiana	John Ashley (63/M)	2 dead; 3 wounded	Unknown	Unknown firearm	None	Same day	Force
	John Ashley, a Baptist deacon, opened fire in a downtown law office, killing two people and injuring three others. Police shot and killed him. ^{xx xxi}								
30 August 2007	1	RiverBay Corporation in Brown, New York	Paulino Valenzuela (50/M)	1 dead; 2 wounded	1	Handgun	Professional	Same day	No force
	Paulino Valenzuela, a terminated janitor, opened fire at his former workplace, killing his ex-supervisor and wounding two others. ^{xxii xxiii}								
9 April 2007	1	Gordon Advisors in Troy, Michigan	Anthony LaCalamita (38/M)	1 dead; 2 wounded	1	Shotgun	Professional	Same day	Force
	Anthony LaCalamita opened fire at an accounting firm where he was formerly employed, killing one person and injuring two others. LaCalamita had been fired from the company prior to the attack. ^{xxiv}								

13 February 2007	1	Philadelphia Naval Business Center in Philadelphia, Pennsylvania	Vincent J. Dortch (44/M)	3 dead; 1 wounded	2	Rifle (AK-47); Handgun (.40- caliber Glock)	Professional	Same day	Suicide
	Vincent J. Dortch opened fire in a conference room at the Naval Business Center, killing three business executives and wounding a fourth. ^{xxv xxvi}								
9 December 2006	1	Wood, Phillips, Katz, Clark, & Mortimer in Chicago, Illinois	Joseph Jackson (59/M)	3 dead; 1 wounded	3	Revolver; Knife; Other	Other	Same day	Force
	Joe Jackson opened fire at a law firm, killing three people and wounding one other. Jackson forced a security guard, at gunpoint, to take him to the 38 th floor of the legal offices. He chained the office doors behind him. SWAT snipers fatally shot Jackson after a 45-minute standoff, during which he took a bystander hostage. Reports state that Jackson believed he had been cheated over an invention of a toilet designed for tractor-trailers. ^{xxvii xxviii xxix}								
21 October 2004	1	Beltservice Corporation Headquarters in Earth City, Missouri	Pelayo Errasti (48/M)	0 dead; 1 wounded	1	Shotgun	Professional	Same day	No force
	Pelayo Errasti opened fire at the Beltservice Corporation Headquarters, injuring one employee. Reports state that Errasti, who had been fired from the company a year prior to the attack, intended to shoot his former boss.. ^{xxx xxxi}								
2 April 2004	1	Employment Security Commission office in Hendersonville, North Carolina	William Case (30/M)	1 dead; 1 wounded	1	Unknown firearm	Professional	Same day	Force
	William Case opened fire at his workplace, killing his manager and wounding a co-worker. Reports state that Case had an argument with his manager about unemployment benefits prior to the attack. ^{xxxii}								

2 February 2004	1	Provo River Water Users Association in Pleasant Grove, Utah	Louis Darrel Kinyon (50/M)	1 dead; 0 wounded	1	Unknown firearm	Professional	Same day	Attempted suicide
	Louis Darrell Kinyon opened fire at his workplace, killing his supervisor. He then attempted to commit suicide. The attack occurred one week after Kinyon was suspended for violating company policy. ^{xxxiii xxxiv}								
25 February 2003	1	Labor Ready Inc. in Huntsville, Alabama	Emanuel Burl Patterson (23/M)	4 dead; 1 wounded	1	Handgun (9-millimeter semi-automatic)	Other	Same day	No force
	Emanuel Burl Patterson opened fire at a temporary employment agency, killing four people and injuring another. Reports state Patterson had argued with people who were waiting in line prior to the attack. ^{xxxv xxxvi}								
26 December 2000	1	Edgewater Technology in Wakefield, Massachusetts	Michael McDermott (42/M)	7 dead; 0 wounded	3	Rifle (AK-47); Shotgun; Handgun (semi-automatic)	Professional	Same day	Force
	Michael McDermott opened fire at the Edgewater Technology firm, killing seven co-workers. At the end of his rampage, McDermott sat in the reception area and waited for law enforcement to arrive. ^{xxxvii xxxviii}								
2 November 1999	1	Xerox Engineering Systems in Iwilei, Hawaii	Bryan Uyesugi (40/M)	7 dead; 0 wounded	1	Handgun (9-millimeter)	Professional	Same day	Force
	Bryan Koji Uyesugi opened fire at a Xerox facility, killing his supervisor and six co-workers. Uyesugi fled in a van and was arrested after a five-hour standoff with police. ^{xxxix}								
5 August 1999	2	Ferguson Enterprises and Post Airgas offices in Pelham, Alabama	Alan Eugene Miller (34/M)	3 dead; 0 wounded	1	Handgun	Professional	Same day	Force

	Alan Eugene Miller opened fire at a heating and air conditioning firm, killing two co-workers. Miller then shot and killed his former supervisor at another company. ^{xi}								
29 July 1999	2	Momentum Securities and the All-Tech Investment Group in Atlanta, Georgia	Mark O. Barton (44/M)	9 dead; 12 wounded	2	2 handguns (one 9-millimeter and one .45 caliber)	Professional	Same day	Suicide
	Mark Barton opened fire at two brokerage offices, including one where he was formerly employed, killing nine people and wounding 12 others. Prior to the attack, Barton killed his wife and two children at their home with a hammer. Reports state that he had lost more than \$400,000 on his investments shortly before the attacks. ^{xli}								
11 June 1999	1	Office of Dr. Bar-Levav in Southfield, Michigan	Joseph Brooks, Jr. (27/M)	2 dead; 4 wounded	1	Handgun	Professional	Same day	Suicide
	Joseph Brooks opened fire at his former psychiatrist's clinic, killing two people and injuring four others. Brooks then committed suicide. ^{xlii xliii}								
18 March 1999	1	Goodin Law Office in Johnson City, Tennessee	Walter K. Shell (71/M)	2 dead; 0 wounded	1	Handgun (.22-caliber revolver)	Other	Same day	No force
	Walter Shell opened fire at his ex-wife's lawyer's law offices, killing the lawyer and one of the lawyer's clients. Reports state that Shell was upset that the lawyer excluded him from his ex-wife's will days before she died. ^{xliv}								
13 January 1999	1	Triad Center Office building in Salt Lake City, Utah	De-Kieu Duy (24/F)	1 dead; 1 wounded	1	Handgun (9-millimeter)	None	Same day	Force
	Di-Kieu Duy opened fire in the lobby of the KSL television station, wounding the building manager. Duy then shot an AT&T employee before being tackled by the victim's co-worker. Reports state that Duy, a diagnosed paranoid schizophrenic, believed she had been harassed by an employee of KSL-TV. ^{xlv xlvii}								

6 March 1998	1	Connecticut Lottery Headquarters in Newington, Connecticut	Matthew Beck (35/M)	4 dead; 0 wounded	2	Handguns (9-millimeter semi-automatic)	Professional	Same day	Suicide
	Matthew Beck opened fire at the Connecticut Lottery, killing four of his supervisors. Reports state that Beck was unhappy about his salary and his failure to earn a promotion prior to the attack. ^{xlvi}								
19 July 1995	1	C. Erwin Piper Technical Center in Los Angeles, California	Willie Woods (42/M)	4 dead; 0 wounded	1	Handgun (Glock, semi-automatic)	Professional	Same day	Force
	Willie Woods opened fire at the C. Erwin Piper Technical Center in Los Angeles, killing four supervisors in their cubicles. ^{xlviii}								
2 December 1993	1	California Employment Development Department in Oxnard and Ventura California	Alan Winterbourne (33/M)	4 dead; 4 wounded	4	Handgun; Shotgun; 2 rifles	Other	Same day	Force
	Alan Winterbourne, an unemployed computer engineer, opened fire at a state unemployment center in Oxnard, killing four people and injuring four others. Winterbourne was fatally shot after he led responding officers on a car chase towards Ventura's unemployment center. Winterbourne concealed his weapons in a brown bag. ^{xliv} l i								
1 July 1993	1	Pettit & Martin Law Offices in San Francisco, California	John Luigi Ferri (55/M)	8 dead; 6 wounded	3	3 handguns (two semi-automatic TEC-9s and one .45-caliber semi-automatic)	Professional	Same day	Suicide
	John Luigi Ferri opened fire at the Pettit & Martin law office, killing eight people and wounding six others. Reports state that Ferri was dissatisfied with the legal services he received. ^{lii} liii								

18 June 1990	1	General Motors Acceptance Corporation office in Jacksonville, Florida	James E. Pough (42/M)	9 dead; 4 wounded	1	Rifle (.30- caliber)	None	June 19, 1990	Suicide
	James Edward Pough opened fire at a General Motors Acceptance Corporation Office, killing nine people and wounding four others. ^{liv lv}								
16 February 1988	1	Electromagnetic Systems Lab Corp. in Sunnyvale, California	Richard Farley (40/M)	7 dead; 4 wounded	7	1 rifle; 2 shotguns; 4 handguns	Professional	Same day	No force
	Richard Farley opened fire at his former workplace, killing seven people and injuring four others. Farley surrendered after a five-hour standoff with police officers. Reports state that prior to the attack, Farley was angry that a former co-worker rejected his advances. Farley was fired from the company in 1986 after threatening to kill that same co-worker. ^{lvi lvii}								

Open Commercial

Date	Number of Attack Locations	Location Information	Attacker Information	Casualties	Number of Weapons	Weapon Information	Closest Relationship to Victims	Date Attack Concluded	Resolution
28 November 2016	1	H-E-B Store in Palmview, Texas	Raul Lopez Saenz (M/25)	1 dead; 3 wounded	1	Handgun (9-milimeter)	Professional	Same day	No Force
	Around 3:15 a.m. on November 28, Raul Lopez Saenz opened fire on four coworkers. Lopez fired 15 shots at a break room window, killing one colleague and injuring three others. He fled the scene but later turned himself in to the Hidalgo County Sheriff's Office. ^{lviii}								
23 September 2016	1	Cascade Mall in Burlington, Washington	Arcan Cetin (M/20)	5 dead; 0 wounded	1	Rifle (Ruger .22-caliber)	None	Same day	No Force
	On September 23, Arcan Cetin, armed with a .22-caliber Ruger rifle, opened fire in the Macy's at a mall in Burlington, Washington. Cetin, who carried a 25 round magazine, admitted to carrying out the attack to detectives. Cetin committed suicide in his jail cell on 17 April 2017. Prior to this attack, Cetin had expressed his interest in the ISIS terror organization, and had posted pictures of serial killer Ted Bundy and ISIS leader Abu Bakr Baghdadi on his blog. ^{lxi}								
17 July 2016	1	Airline Highway in Baton Rouge, Louisiana	Gavin Eugene Long (M/29)	3 dead; 3 wounded	1	Rifle	None	Same day	Force
	At approximately 8:40 a.m., three police officers were killed in Baton Rouge, Louisiana, allegedly by Gavin Long, a 29 year-old resident of Missouri and former marine. The Baton Rouge officers were responding to a call regarding a suspicious individual walking in public with an assault rifle and were ambushed when they arrived. At least three other officers were shot in the same incident. In at least one video posted to social media, Long mentions Alton Sterling, who was killed by police on Jul 5 in Baton Rouge. According to some reports, Long may have been affiliated with the Moorish sovereign citizens' movement. ^{lxii} ^{lxiii}								

12 June 2016	1	Pulse Nightclub in Orlando, Florida	Omar Mir Seddiqui Mateen (M/29)	49 dead; 53 wounded	2	Rifle (Sig Sauer MCX); Handgun (9mm Glock)	None	Same day	Force
	At approximately 2:00 a.m., Omar Mateen assaulted the Pulse nightclub, a dance club in Orlando, Florida. The shooter, armed with an assault rifle and one pistol, pledged allegiance to Abu Bakr al-Baghdadi while barricaded in the club's restroom. Police entered the club and killed the shooter. During this attack, Mateen pledged his allegiance to the ISIS terror organization. ^{lxivlxv}								
6 May 2016	2	Westfield Montgomery Hall and Giant Food Supermarket in Bethesda, Maryland	Eulalio Tordil (M/62)	2 dead; 3 wounded	1	Handgun	None	Same day	No Force
	Eulalio Tordil began shooting at a Westfield Montgomery Mall parking lot in Bethesda, Maryland where he shot three people. Approximately 30 minutes later, Tordil shot and killed another person outside a Giant Food supermarket. The shooter, who was armed with a handgun, was wanted on a first-degree murder charge for shooting and killing his estranged wife outside their children's school the previous day. The suspect was apprehended by police in an outdoor parking lot near the supermarket. ^{lxvixvii}								
4 May 2016	1	Knight Transportation Building in Harris County, Texas	Marion Guy Williams (M/65)	1 dead; 2 wounded	2	Shotgun; Handgun	Professional	Same day	Suicide
	Marion Guy William targeted the Knight Transportation building in Harris County, Texas. The shooter, armed with a shotgun and a handgun, shot and killed a former coworker before committing suicide. Williams had been fired from the company two weeks prior to his attack. ^{lxviii}								
23 July 2015	1	Movie theatre in Lafayette, Louisiana	John Russell Houser (59/M)	2 dead; 9 wounded	1	Handgun (.40 caliber)	None	Same day	Suicide

	John Russell Houser opened fire in a movie theater in Lafayette, Louisiana killing two people and injuring nine others before committing suicide. Houser reportedly had a history of mental illness and posted radical and discriminatory views online. Police found a note Houser left behind that twice referenced Roof, saying explicitly, "Thank you for the wake-up call, Dylann." ^{lxxlxxi}								
26 May 2015	1	Walmart in Grand Forks, North Dakota	Marcell Willis (21/M)	1 dead; 1 wounded	1	Handgun (9mm semi-automatic)	None	Same day	Suicide
	Marcell Willis, a U.S. airman, opened fire in a Walmart Store in Grand Forks, North Dakota, killing one person and wounding another person before committing suicide in the store. Willis had no known relationship with any of the victims. ^{lxxii lxxiii}								
14 March 2015	1	Dad's Sing Along Club in San Antonio, Texas	Richard Castilleja (29/M)	0 dead; 2 wounded	1	Handgun	None	Same day	Force
	Richard Castilleja opened fire outside a San Antonio, Texas karaoke bar, wounding two persons, after he and another person were ejected from the bar earlier that evening. Castilleja was fatally shot by a police officer. Reports state that Castilleja did not have a pre-existing relationship with the bar staff or patrons prior to the altercation earlier that day. ^{lxxiv lxxv}								
7 February 2015	1	Monroeville Mall in Pittsburgh, Pennsylvania	Tarod Thornhill (17/M)	0 dead; 3 wounded	1	Handgun (Pistol)	None	Same day	No Force
	Tarod Thornhill opened fire inside a Macy's in the Monroeville Mall in Pittsburgh, Pennsylvania, wounding three people. Police arrested him in the early hours of the following morning. ^{lxxvi lxxvii}								
17 January 2015	1	Scotto Pizza in the Melbourne Square Mall in Melbourne, Florida	Jose Garcia-Rodriguez (M/57)	1 dead; 1 wounded	3	Handguns	Familial	Same day	Suicide

	Armed with three handguns, Jose Garcia-Rodriguez began shooting at his wife's workplace, Scotto Pizza, in Melbourne Square Mall in Melbourne, Florida. After wounding his wife, the shooter committed suicide before law enforcement arrived. ^{lxxviii lxxix}								
23 September 2014	1	United Postal Service (UPS) shipping facility in Birmingham, Alabama	Kerry Joe Tesney (M/45)	2 dead; 0 wounded	1	Handgun	Professional	Same day	Suicide
	On September 23, 2014, at 9:20 a.m., Kerry Joe Tesney, 45, armed with a handgun, began shooting in a UPS shipping facility in Birmingham, Alabama, from where he had recently been fired. Two supervisors were killed; no one was wounded. The shooter committed suicide before law enforcement arrived. ^{lxxx}								
2 August 2014	2	Highway and Hon-Dah Resort Casino and Conference Center in Pinetop, Arizona	Justin Joe Armstrong (M/28)	0 dead; 2 wounded	1	Rifle	None	Same day	Force
	On August 2, 2014, at 6:38 p.m., Justin Joe Armstrong, 28, armed with a rifle, began shooting in the parking lot of the Hon-Dah Resort Casino and Conference Center in Pinetop, Arizona. After wounding 2, the shooter moved to the middle of the nearby highway and began shooting at passing cars. No one was killed; 2 people were wounded, including the wounding of an unarmed security guard. The shooter was killed during an exchange of gunfire with law enforcement. ^{lxxxi}								
8 June 2014	2	CiCi's Pizza and a Walmart in Las Vegas, Nevada	Jerad Dwain Miller (31/M); Amanda Renee Miller (22/F)	3 dead; 0 wounded	7	4 handguns; Shotgun; 2 knives	None	Same Day	Suicide
	One male and one female attacker, Jerad and Amanda Miller, entered CiCi's Pizza in Las Vegas, Nevada and opened fire, killing two police officers who were eating lunch. They placed a "Don't Tread on Me" flag and a Nazi swastika on one of the officers and a note on the other officer that stated "This is the beginning of the revolution." The attackers then took the officers' weapons and ammunition and went to a nearby Walmart where they shot and killed another person inside the entrance. Amanda Miller committed suicide after her husband died from wounds caused by the police officers. The attackers are believed to hold a militia/white-supremacist and anti-law enforcement ideology. ^{lxxxii lxxxiii}								

25 January 2014	1	The Mall in Columbia in Columbia, Maryland	Darion Marcus Aguilar (19/M)	2 dead; 5 wounded	3	Shotgun (12-gauge); 2 explosive devices	None	Same Day	Suicide
	Darion Aguilar used a 12-gauge shotgun to randomly kill two employees of Zumiez, a skateboard gear shop in the Mall in Columbia, before taking his own life. According to police reports, the shooter had an obsession with the Columbine High School shooting, which was ascertained through searches of his computer. ^{lxxxivlxxxv}								
15 January 2014	1	Martin's Supermarket in Elkhart, Indiana	Shawn Walter Bair (22/M)	2 dead; 0 wounded	2	Handgun (.40-caliber semiautomatic); Knife	None	Same day	Force
	Shawn Walter Bair entered the Martin's Supermarket in Elkhart shortly before 10 p.m. He walked around for approximately 20 minutes before shooting a 20-year-old store employee and 44-year-old customer. ^{lxxxvi lxxxvii}								
12 March 2013	3	John's Barber Shop, Mohawk, NY; Gaffey's Fast Lube and Car Wash, Herkimer, NY; Glory Days Bar, Herkimer, NY	Kurt Meyers (64/M)	4 dead; 2 wounded	1	Shotgun	None	14 March 2013	Force
	Kurt Meyers opened fire at a barber shop in Mohawk, NY, killing two and wounding two. He then drove to a car wash in Herkimer, NY where he killed two and fled again. A manhunt ensued until Meyers was found in an abandoned bar called Glory Days, on Main Street in Herkimer. After an overnight standoff, an FBI team stormed the building. Meyers fired on the approaching team, killing an FBI dog, and was then shot and killed. ^{lxxxviii lxxxix xcxi}								
11 December 2012	1	Clackamas Town Center in Happy Valley, Oregon	Jacob Tyler Roberts (22/M)	2 dead; 1 wounded	1	Rifle (semi-automatic)	None	Same day	Suicide
	Jacob Tyler Roberts, an employee at an Oregon shopping mall, opened fire at his workplace, killing two people and wounding one other before committing suicide. ^{xcii}								

21 October 2012	1	Azana Spa in Brookfield, Wisconsin	Radcliffe Haughton (45/M)	3 dead; 4 wounded	1	Handgun (.40 caliber semi- automatic)	Familial	Same day	Suicide
	Radcliffe Haughton opened fire at the Azana Spa in Wisconsin, killing three people and injuring four others. Haughton, who was the estranged husband of an employee at the spa, left an improvised explosive device at the scene of the attack before committing suicide. ^{xciii}								
9 October 2012	1	M&M Salon in Casselberry, Florida	Bradford Baumet (36/M)	3 dead; 1 wounded	1	Handgun	Familial	Sam day	Suicide
	Bradford Baumet opened fire in a beauty salon where his estranged girlfriend worked, killing three people and wounding another before committing suicide. ^{xciv xcv}								
31 August 2012	1	Pathmark Supermarket in Old Bridge, New Jersey	Terrence Tyler (23/M)	2 dead; 0 wounded	2	Rifle (AK-47); handgun	Professional	Same day	Suicide
	Terrence Tyler opened fire in a Pathmark supermarket at which he worked, killing two co-workers before committing suicide. ^{xcvi}								
20 July 2012	1	Century 16 Movie Theater in Aurora, Colorado	James Holmes (24/M)	12 dead; 58 wounded	4	2 handguns (2 .40 caliber Glock 22s); rifle (semi- automatic);shotgu n (12-gauge)	None	Same day	No force
	James Eagan Holmes opened fire in a Colorado movie theater at a midnight showing of "The Dark Knight Rises," killing 12 people and wounding 58 others. Reports state that Holmes planned the attack for months, stockpiling ammunition, purchasing firearms and body armor, and lacing his apartment with explosive devices. ^{xcvii}								
30 May 2012	2	Café Racer in Seattle, Washington	Ian Stawicki (40/M)	5 dead; 1 wounded	2	2 handguns (.45 caliber)	None	Same day	Suicide

Ian Stawicki opened fire at the Café Racer coffee shop in Seattle, killing four people and wounding one other. Half an hour after the café shooting, Stawicki fatally shot a woman while hijacking her car. Reports state that Stawicki had been kicked out of the café several times in the weeks leading up to the shooting due to belligerent behavior. ^{xcviii}									
1 December 2011	1	Winton Blount U.S. Post Office in Montgomery, Alabama	Arthur Lee Darby, Jr. (29/M)	0 dead; 0 wounded	2	2 handguns	Professional	Same day	No force
	Arthur Lee Darby Jr. opened fire at a post office in Alabama, where he was employed. The attack resulted in zero casualties. ^{xcix c}								
12 October 2011	1	The Salon Meritage in Seal Beach, California	Scott Evans Dekraai (41/M)	8 dead; 1 wounded	3	3 handguns (one 9- millimeter semi- automatic, one .44 magnum, one .45 caliber semi- automatic)	Familial	Same day	No force
	Scott Evans Dekraai opened fire at his ex-wife's workplace in California, killing eight people and wounding one other ^{ci}								
8 October 2011	1	IHOP restaurant in Durham, North Carolina	Jerry Lee Adams (21/M)	1 dead; 1 wounded	1	Unknown firearm	None	Same day	No force
	Jerry Lee Adams opened fire at an IHOP restaurant in North Carolina, killing one person and wounding one other. Adams conducted his attack after being told to leave the restaurant by two off-duty sheriffs ^{cii ciii}								
6 September 2011	1	IHOP restaurant in Carson City, Nevada	Eduardo Sencion (32/M)	4 dead; 7 wounded	3	Rifle (AK-47 variant); Rifle; Handgun	None	Same day	Suicide
	Eduardo Sencion opened fire at an IHOP in Nevada, killing four people and wounding seven others before committing suicide. Reports state that Sencion was a grocery store employee with a history of mental illness ^{civ}								

24 July 2011	1	Club Galaxy, Muckleshoot Casino in Auburn, Washington	Cesar Chaparro- Vielma (42/M)	0 dead; 7 wounded	1	Handgun (.40 caliber semi- automatic)	Familial	Same day	Force
	Cesar Chaparro-Vielma opened fire in a casino in Washington, wounding seven people. Chaparro-Vielma shot his estranged wife, her boyfriend, her two sisters and several bystanders before being tackled by a security guard ^{cv cvi cvii}								
26 June 2011	1	Genesis Tavern in Philadelphia, Pennsylvania	Wayne James (45/M)	1 dead; 5 wounded	1	Handgun	None	Same day	No force
	Wayne James opened fire at a Pennsylvania bar, killing one person and wounding five others. Prior to the attack, James had been asked to leave the bar because he was smoking. ^{cviii cix}								
8 January 2011	1	Safeway parking lot in Tucson, Arizona	Jared Lee Loughner (22/M)	6 dead; 13 wounded	1	Handgun (9- millimeter semi- automatic)	None	Same day	Force
	Jared Loughner opened fire into a crowd of people outside a Safeway supermarket where Representative Gabrielle Giffords was holding a constituent meeting, killing six people and wounding 13 others. Loughner, who posted many anti-government messages on the Internet and had a long record of disruptive behavior on his college campus, had a history of mental illness ^{cx}								
14 August 2010	1	City Grill in Buffalo, New York	Riccardo M. McCray (23/M)	4 dead; 4 wounded	1	Handgun (9- millimeter)	None	Same day	No force
	Riccardo McCray opened fire in a crowded restaurant, killing four people and injuring four others ^{cxii}								
6 June 2010	1	Yoyito Restaurant in Hialeah, Florida	Gerardo Regalado (38/M)	4 dead; 3 wounded	1	Handgun (.45- caliber Glock)	Familial	Same day	Suicide
	Gerardo Regalado opened fire outside the restaurant where his estranged wife was employed, killing four people and injuring three others. Regalado fled the scene and was found dead several blocks away. ^{cxiii cxiv cxv}								

12 January 2010	1	Penske Truck Rental in Kennesaw, Georgia	Jesse James Warren (60/M)	3 dead; 2 wounded	1	Handgun	Professional	Same day	Force
	Jesse James Warren opened fire at his former workplace, killing three people and wounding two others. Warren was fired from the truck rental company several months prior to the attack. ^{cxvi cxvii cxviii}								
29 November 2009	1	Forza Coffee Shop in Lakewood, Washington	Maurice Clemmons (37/M)	4 dead; 0 wounded	1	Handgun (semi-automatic)	None	Same day	Force
	Maurice Clemmons opened fire at a coffee shop, killing four uniformed Washington police officers who were working on their laptops. Clemmons was found and killed by a policeman following a two-day manhunt. Reports state that Clemmons had confided to a friend his plans to shoot police officers the night before his attack. ^{cxix cxx cxxi}								
20 November 2009	2	Kannat Tabla and Last Command Post Park in Saipan, Northern Maraiiana Island (U.S. Commonwealth)	Li Zhong Ren (42/M)	4 dead; 6-9 wounded	3	2 rifles (.223-caliber and .22-caliber Magnum); Shotgun (.410-caliber)	Professional	Same day	Suicide
	Li Zhong Ren opened fire at a shooting range where he was employed, killing two adults and two children. Ren then drove to a park where he opened fire on a group of Korean tourists. Ren had left several suicide notes prior to the attack. ^{cxxii cxxiii cxxiv}								
8 November 2009	1	Sandbar Sports Grill in West Vail, Colorado	Richard Moreau (63/M)	1 dead; 3 wounded	1	Handgun (.45 caliber)	Other	Same day	Force
	Richard Moreau opened fire in a bar, killing one customer and injuring three others. Reports state that Moreau got into an argument inside the bar and was escorted out by employees prior to the attack. ^{cxxv cxxvi cxxvii}								

4 August 2009	1	L.A. Fitness in Collier Township, Pennsylvania	George Sodini (48/M)	3 dead; 9 wounded	4	4 handguns (two 9-millimeter semi-automatic, one .45-caliber semi-automatic revolver, and one .32-caliber semi-automatic)	None	Same day	Suicide
	George Sodini opened fire on a L.A. Fitness dance class, killing three women and injured nine others. Reports state that Sodini was angry about being disrespected by women ^{cxxviii cxxix}								
9 September 2009	1	Independent Bar in Orlando, Florida	Todd Garland Buchanan (29/M)	0 dead; 3 wounded	1	Unknown	Other	Same day	No force
	Todd Buchanan opened fire at a bar, wounding three people. Reports state that Buchanan was involved in a fight at the bar and was ejected prior to the attack. He was arrested in his home several hours after the shooting. ^{cxxx cxxxi cxxii}								
24 July 2009	1	Club LT Tranz in North Houston, Texas	Unknown	1 dead; 2 wounded	Unknown	Unknown	Other	Same day	Attacker fled
	An unknown assailant opened fire at a nightclub, killing one employee and wounding two others. Reports state that the assailant had been ejected from the club following a disturbance prior to the attack. The gunman fled the scene. ^{cxxxiii cxxxiv}								
10 June 2009	1	United States Holocaust Memorial Museum in Washington D.C.	James W. von Brunn (88/M)	1 dead; 0 wounded	1	Rifle (.22 caliber)	None	Same day	Force
	James W. Von Brunn opened fire at the United States Holocaust Memorial Museum, killing a security guard. Reports state that von Brunn was a white supremacist. ^{cxxxv cxxxvi}								

30 May 2009	1	Club 418 in Springfield, Massachusetts	Marcus J. Blanton (24/M)	1 dead; 4 wounded	2	Handgun; Knife	None	Same day	Force
	Marcus J. Blanton opened fire at a strip club, killing one person and injuring four others. Blanton stabbed a sixth person before he was arrested on scene. ^{cxxxvii}								
3 April 2009	1	American Civil Association Immigration Center in Binghamton, New York	Jiverly Wong (41/M)	13 dead; 4 wounded	2	2 handguns (one 9-millimeter and one .45 caliber)	Other	Same day	Suicide
	Jiverly Wong, a naturalized immigrant, opened fire at the American Civic Association Immigration Center in Binghamton, killing 13 people and injuring four others. Wong had been taking English classes at the Center prior to the attack ^{cxxxviii cxxxix}								
24 March 2009	1	Metropolitan Transit System in San Diego, California	Lonnie Glasco (47/M)	1 dead; 1 wounded	1	Handgun (.357 magnum)	Professional	Same day	Force
	Lonnie Glasco, a veteran Metropolitan Transit System employee, opened fire at a bus depot complex, killing one co-worker and injuring another. ^{cxl cxli cxlii}								
24 February 2009	1	St. Charles Avenue in New Orleans, Louisiana	Unknown (unknown/unknown)	0 dead; 7 wounded	3	2 handguns (one 9-millimeter semi-automatic and one .40-caliber); Revolver	None	Same day	Force
	An unknown gunman indiscriminately opened fire at a Mardi Gras parade, wounding seven people. ^{cxliii cxliv cxlv cxlvi}								
24 January 2009	1	The Zone in Portland, Oregon	Erik Salvador Ayala (24/M)	2 dead; 7 wounded	1	Handgun (9-millimeter)	None	Same day	Suicide
	Erik Salvador Ayala opened fire outside a nightclub, killing two people and injuring 7 others. ^{cxlvii cxlviii}								

12 March 2008	1	Regions Bank in McComb, Mississippi	Robert Lanham (35/M)	3 dead; 0 wounded	1	Handgun (9- millimeter)	Familial	Same day	Suicide
	Robert Lanham opened fire at the bank where his ex-wife worked, killing her, a customer and a bank manager. Reports state that Lanham was distraught over his recent divorce. ^{cxlix}								
3 March 2008	1	Wendy's in West Palm Beach, Florida	Alburn Blake (60/M)	1 dead; 5 wounded	1	Handgun (9- millimeter semi- automatic)	None	Same day	Suicide
	Alburn Edward Blake opened fire in a Wendy's restaurant, killing a paramedic and wounding five other people. ^{cl}								
5 December 2007	1	Westroads Mall in Omaha Nebraska	Robert Hawkins (19/M)	8 dead; 5 wounded	1	Rifle (AK-47)	None	Same day	Suicide
	Robert Hawkins opened fire at an Omaha mall, killing eight people and wounding 5 others. Reports state that Hawkins was angry about losing his job and breaking up with his girlfriend prior to the attack. ^{cli clii cliii}								
30 April 2007	1	Ward Parkway Shopping Center in Kansas City, Missouri	David W. Logsdon (51/M)	2 dead; 7 wounded	3	2 handguns; Rifle (.30-caliber carbine)	Other	Same day	Force
	David Logsdon opened fire at a crowded Target parking lot, killing two people and wounding seven others. Logsdon was fatally shot by police following the attack. Reports state that Logsdon was unhappy over his termination from the Target store prior to the attack. Police believe the gunman was also responsible for the death of his neighbor earlier that day. ^{cliv clv clvi}								
12 February 2007	1	Trolley Square Mall in Salt Lake City, Utah	Sulejman Talovic (18/M)	5 dead; 4 wounded	2	Shotgun; Handgun (.38-caliber)	None	Same day	Force
	Sulejman Talovic opened fire at Trolley Square Mall, killing five bystanders and wounding four others. ^{clvii clviii}								

18 April 2006	1	Finneger's Catering in St. Louis, Missouri	Herbert Chambers Jr. (55/M)	2 dead; 1 wounded	1	Handgun (semi- automatic)	Professional	Same day	Suicide
	Herbert Chalmers Jr. opened fire at his workplace, killing two people and wounding another. Chalmers launched his attack shortly after raping an ex-girlfriend and killing the mother of his child at separate locations. ^{clix clx clxi}								
4 April 2006	1	Baker City Post Office in Baker City, Oregon	Grant Gallaher (41/M)	1 dead; 0 wounded	1	Handgun	Professional	Same day	No force
	Grant Gallaher opened fire in the Baker City Post Office parking lot, killing his supervisor after initially striking him with his vehicle. Gallaher also intended to kill his postmaster. Reports state that Gallaher was upset about his supervisor's decision to add extra work to his delivery route. ^{clxii}								
13 February 2005	1	Hudson Valley Mall, Kingston, New York	Robert Bonelli (26/M)	0 dead; 2 wounded	1	Rifle (semi- automatic)	None	Same day	Force
	Robert Bonelli opened fire at the Hudson Valley Mall, wounding two people. He was tackled by mall employees when he ran out of ammunition. ^{clxiii clxiv}								
8 December 2004	1	Alrosa Villa in Columbus, Ohio	Nathan Gale (25/M)	4 dead; 2 wounded	1	Handgun (9- millimeter Beretta)	None	Same day	Force
	Nathan Gale, a former marine, opened fire at a nightclub, killing four people and wounding two others. Gale was shot by responding police officers after taking a hostage behind the stage. ^{clxv clxvi}								
18 November 2004	1	RadioShack in St. Petersburg, Florida	Justin Cudar (25/M)	2 dead; 1 wounded	1	Handgun (.40- caliber Glock)	None	Same day	No force
	Justin Cudar opened fire in a RadioShack store, killing two people and wounding another. Cudar was being investigated for a road-rage incident and managed to evade police prior to the attack. ^{clxvii clxviii}								

29 August 2003	1	Electric Picture Co. in Nashville, Tennessee	Thomas Edgar Harrison (43/M)	1 dead; 0 wounded	1	Shotgun	Other	August 30, 2003	Suicide
	Thomas Edgar Harrison opened fire at his ex-girlfriend's workplace, killing one employee. Harrison was initially denied access to the workplace but returned shortly thereafter and began his attack. He engaged in an hour-long standoff with a SWAT team before committing suicide. Prior to the attack, Harrison raped and kidnapped his ex-girlfriend, who was then issued an order of protection against him. ^{clxix clxx}								
28 July 2003	1	Gold Leaf Nursery in Boynton Beach, Florida	Andres Casarrubias (44/M)	2 dead; 1 wounded	1	Handgun (semi-automatic)	Familial	Same day	Force
	Andres Casarrubias opened fire at the nursery where his estranged wife worked, killing two employees, including his wife, and injuring another. Reports state that Casarrubias believed his wife was having an affair with a co-worker. ^{clxxi}								
23 July 2003	1	Century 21 office in San Antonio, Texas	Ron Thomas (unknown/M)	2 dead; 1 wounded	1	Handgun (.357-magnum)	Professional	Same day	Suicide
	Ron Thomas opened fire at the Century 21 real estate office where he was employed, killing two people and wounding another. Thomas committed suicide after engaging the police in a car chase. ^{clxxii clxxiii}								
20 March 2000	1	Mi-T-Fine Car Wash in Irving, Texas	Robert Wayne Harris (28/M)	5 dead; 1 wounded	1	Unknown firearm	Professional	Same day	Force
	Robert Wayne Harris opened fire at his former workplace, killing five employees and injuring another. Harris was fired three days prior to the attack. ^{clxxiv}								
20 December 1997	1	Milwaukee Post Office in Milwaukee, Wisconsin	Anthony Deculit (37/M)	1 dead; 2 wounded	1	Handgun (9-millimeter)	Professional	Same day	Suicide

	Anthony Deculit opened fire at his workplace, killing one employee and wounding two others, including his supervisor. Reports state that Deculit had been reprimanded by a supervisor for sleeping at work and rejected for a promotion prior to the attack. ^{clxxxv}								
7 October 1997	1	ProtoCall retail store in San Antonio, Texas	Charles Lee White (42/M)	2 dead; 0 wounded	1	Rifle	Other	Same day	Suicide
	Charles Lee White opened fire at the ProtoCall store where his exgirlfriend worked, killing two people. White then fatally shot himself ^{clxxxvi clxxxvii}								
2 September 1997	1	Miami Beach Post Office, Florida	Jesus Antonio Tamayo (64/M)	0 dead; 2 wounded	1	Handgun	Familial	Same day	Suicide
	Jesus Antonio Tamayo open fired at a post office, wounding two women, including his ex-wife. ^{clxxxviii}								
23 February 1997	1	Empire State Building in New York, New York	Ali Abu Kamal (69/M)	1 dead; 6 wounded	1	Handgun (.38-caliber Beretta)	None	Same day	Suicide
	Ali Abu Kamal opened fire at the Empire State Building's observation deck, killing one person and wounding six others. ^{clxxxix}								
6 May 1993	1	Post Office in Dearborn, Michigan	Larry Jasion (unknown/M)	1 dead; 2 wounded	1	Handgun	Professional	Same day	Suicide
	Larry Jasion opened fire at a post office, killing one person and wounding two others. Reports state that Jasion, a postal worker, was angry over losing a promotion to a woman prior to the attack. ^{clxxx}								
6 May 1993	1	Dana Point Post Office in Dana Point, California	Mark R. Hilbun (38/M)	1 dead; 3 wounded	1	Handgun	Professional	Same day	No force
	Mark Hilbun opened fire at a post office, killing a co-worker and wounding three others. Reports state that Hilbun was fired prior to the attack for stalking a co-worker. ^{clxxxxi clxxxii}								

14 November 1991	1	Royal Oak Post Office in Royal Oak, Michigan	Thomas McIlvane (31/M)	3 dead; 6 wounded	1	Rifle (sawed-off .22-caliber)	Professional	Same day	Suicide
	Thomas McIlvane opened fire at a post office, killing three people and injuring six others. McIlvane had been fired from the post office prior to the attack. ^{clxxxiii}								
16 October 1991	1	Luby's Cafeteria in Killeen, Texas	George Jo Hennard (35/M)	22 dead; 20 wounded	1	Handgun (9-millimeter semi-automatic)	None	Same day	Suicide
	George Jo Hennard opened fire in a restaurant during lunchtime, killing 22 people and wounding 20 others. ^{clxxxiv}								
10 October 1991	1	Ridgewood Post Office in Ridgewood, New Jersey	Joseph Harris (35/M)	2 dead; 0 wounded	4	Machine gun; 3 Others	Professional	Same day	Force
	Joseph Harris opened fire at a post office, killing two former coworkers. The night before, Harris had killed his former supervisor with a three-foot samurai sword and fatally shot her fiancé in their home. During the post office attack, Harris was armed with several guns, hand grenades, and a samurai sword. ^{clxxxv}								
10 August 1989	1	Post Office in Orange Glen, California	John Merlin Taylor (52/M)	2 dead; 1 wounded	1	Handgun (semi-automatic .22-caliber)	Professional	Same day	Suicide
	John Merlin Taylor opened fire at the post office where he was employed, killing two co-workers and injuring another. Prior to the attack, Taylor fatally shot his wife in their home. ^{clxxxvi}								
14 December 1988	1	New Orleans Post Office in New Orleans, Louisiana	Warren Murphy (39/M)	0 dead; 3 wounded	1	Shotgun	Professional	December 15, 1988	No force
	Warren Murphy opened fire at the post office where he was employed, wounding two co-workers and his supervisor. Murphy surrendered after holding a female hostage for 13 hours. ^{clxxxvii clxxxviii}								

20 August 1986	1	Edmond Post Office in Edmond, Oklahoma	Patrick Henry Sherrill (44/M)	14 dead; 7 wounded	3	3 handguns (2 .45-caliber semi-automatic and 1 .22-caliber)	Professional	Same day	Suicide
	Patrick Sherrill opened fire at the post office where he was employed, killing 14 people and injuring seven others. Reports state that prior to the attack, Sherrill believed he was going to be fired from his job. ^{clxxxix}								
6 March 1985	1	Atlanta Post Office in Atlanta, Georgia	Steven W. Brownlee (30/M)	2 dead; 1 wounded	1	Handgun	Professional	Same day	Force
	Steven Brownlee opened fire at a post office, killing two co-workers and wounding a third. ^{cxc cxci}								
18 July 1984	1	McDonald's in San Ysidro, California	James Oliver Huberty (41/M)	21 dead; 19 wounded	3	Submachine gun (Uzi); Shotgun; Handgun	None	Same day	Force
	James Huberty opened fire in a McDonald's restaurant, killing 21 people and injuring 19 others. Huberty was dressed in camouflage during his attack. ^{cxcii}								
2 December 1983	1	Amniston Post Office in Amniston, Alabama	James Howard Brooks (53/M)	1 dead; 1 wounded	1	Handgun (.38 caliber)	Professional	Same day	No force
	James Howard Brooks opened fire at the post office where he was employed, killing one person and wounding another. He then surrendered to police. Reports state that Brooks was angry at having been criticized by his supervisor. ^{cxciiii cxciiv}								
19 August 1983	1	Post office and convenience store in Johnston, South Carolina	Perry Smith (unknown/M)	1 dead; 2 wounded	1	Shotgun (12-gauge)	Professional	Same day	No force
	Perry Smith opened fire at a post office, killing a co-worker and wounding two others. Reports state that Smith felt he was mistreated by co-workers after his son committed suicide. ^{cxcv cx cvi}								

20 August 1982	1	Bob Moore's Welding & Machine Services, Inc. in Miami, Florida	Carl Brown (51/M)	8 dead; 3 wounded	1	Shotgun	Other	Same day	Force
	Carl Brown opened fire in a welding shop, killing eight people and injuring three others. Reports state that Brown was upset that the welding shop charged him \$20 for repairs on a lawnmower engine. ^{cxcvii}								
1 January 1972	Multiple	Multiple locations in New Orleans, Louisiana	Mark James Robert Essex (23/M)	9 dead; 13 wounded	2	Rifle (.44-caliber Magnum); Handgun (.38- caliber Colt revolver)	None	January 7, 1972	Force
	Mark Essex launched a series of attacks over the course of a week, killing nine people and wounding 13 others. In one attack Essex hid in a parking lot across the street from the New Orleans Police Department and randomly shot at officers. Essex then broke into various facilities shooting civilians and responding officers before being killed by police. ^{cxcviii cxcix}								

Factories & Warehouses

Date	Number of Attack Locations	Location Information	Attacker Information	Casualties	Number of Weapons	Weapon Information	Closest Relationship to Victims	Date Attack Concluded	Resolution
25 October 2016	1	FreightCar America Factory in Roanoke, Virginia	Getachew Fedeke (M/53)	1 dead; 3 wounded	1	Handgun (9mm)	Professional	Same day	Suicide
	Getachew Fedeke, a former employee of FreightCar America, opened fire on his former place of business in Roanoke, Virginia. Fedeke reportedly quit his job after complaining about harassment from his coworker. ^{ccciicci}								
12 February 2015	1	ProTec Steel Mill in Lennox South Dakota	Jeffrey DeZeeuw (51/M)	1 dead; 2 wounded	1	Handgun	Professional	Same day	Suicide
	Jeffrey DeZeeuw opened fire at ProTec, a location for Sioux Steel, in Lennox, South Dakota, killing one and wounding two others before committing suicide. DeZeeuw was an employee of ProTec and the victim he killed was his assignment supervisor. ^{cciiiciv}								
30 June 2014	1	C&A Iron Works on 13th Street and Hamilton Place in Gowanus, Brooklyn, NYC	Cameron Waithe (54/M)	0 dead; 2 wounded	1	Handgun	None	Same Day	Suicide
	A gunman walked into an iron mill in Brooklyn and asked to be hired for a job. When he was told to speak with a manager upstairs, he entered the manager's office and began firing in the building. He then threw a device with wires and a fuse which was later determined to be a lead pipe and proceeded to then barricade himself in a storage room. Dialogue occurred between the attacker and a hostage negotiation team and the attacker ultimately killed himself. ^{ccvccvi}								

29 April 2014	1	Federal Express in Kennesaw, Georgia	Geddy Lee Kramer (19/M)	0 dead; 6 wounded	4	Shotgun; Knife; 2 others (Molotov cocktails)	Professional	Same Day	Suicide
	Geddy L. Kramer opened fire at the security gate of the shipping warehouse where he worked, injuring the security guard. He then moved through the warehouse, wounding five more co-workers before committing suicide. ^{ccvii ccviii}								
6 November 2012	1	Valley Protein plant in Fresno, California	Lawrence Jones (42/M)	2 dead; 2 wounded	1	Handgun	Professional	Same day	Suicide
	Lawrence Jones opened fire at a California chicken processing plant, killing two coworkers and wounding two others before committing suicide. ^{ccix ccx}								
13 January 2012	1	McBride Lumber Company in Star, North Carolina	Ronald Dean Davis (50/M)	3 dead; 1 wounded	1	Shotgun (12- Gauge)	Professional	Same day	Suicide
	Ronald Davis opened fire at the McBride Lumber Company where he was employed, killing three coworkers and wounding another. ^{ccxi}								
5 October 2011	1	Lehigh Hanson's Permanente Cement Plant in Cupertino, California	Shareef Allman (47/M)	3 dead; 7 wounded	4	2 rifles (.223 Caliber); Shotgun; Handgun (.40 Caliber)	Professional	October 6, 2011	Suicide
	Shareef Allman, a cement plant truck driver, opened fire at his workplace, killing three people and wounding six others. Allman then shot and wounded a 60-year-old woman while attempting to hijack her car. Allman committed suicide after a day-long manhunt. ^{ccxii ccxiii}								
9 September 2010	1	Kraft Food plant in Philadelphia, Pennsylvania	Yvonne Hiller (43/F)	2 dead; 1 wounded	1	Handgun (.357 Magnum)	Professional	Same day	Force

	Yvonne Hiller opened fire at her workplace, killing two people and wounding another. Hiller was suspended from her job and escorted off the premises ten minutes prior to the attack. She drove through a security barrier before entering the facility on foot. ^{ccxiv ccv}								
3 August 2010	1	Hartford Distributors in Manchester, Connecticut	Omar Thornton (34/M)	8 dead; 2 wounded	2	2 handguns (9-millimeter)	Professional	Same day	Suicide
	Omar Thornton opened fire at his workplace, killing eight people and injuring two others. Thornton hid his weapons in a lunchbox. Reports state that he was angry after being asked to resign for stealing beer from the warehouse in which he worked. ^{ccxvi ccxvii ccxviii ccxix}								
7 January 2010	1	ABB Inc. in St. Louis, Missouri	Timothy Hendron (51/M)	3 dead; 5 injured	4	Rifle; Shotgun; Handguns	Professional	Same day	Suicide
	Timothy Hendron opened fire at the electrical equipment plant where he worked, killing three people and injuring five others. Hendron was in the midst of a 2006 lawsuit against his employer regarding the company's retirement plan. ^{ccxx ccxxi}								
1 August 2008	1	Simon & Schuster book warehouse in Bristol, Pennsylvania	Robert Diamond (32/M)	2 dead; 0 wounded	1	Handgun (.40-caliber Smith & Wesson)	Professional	Same day	No force
	Robert Diamond opened fire at a warehouse where he was formerly employed, killing two former co-workers ^{ccxxii ccxxiii}								
25 June 2008	1	Atlantis Plastics in Henderson, Kentucky	Wesley Neal Higdon (25/M)	5 dead; 1 wounded	1	Handgun (.45-caliber semi-automatic)	Professional	Same day	Suicide
	Wesley Neal Higdon opened fire at his workplace, killing five co-workers and wounding another. Reports state that Higdon had been reprimanded by a supervisor for having an argument with a co-worker prior to the attack. ^{ccxxiv}								
1 April 2008	1	Alloy Fabricators in Randolph, Massachusetts	Howard Trang (48/M)	0 dead; 1 wounded	1	Handgun (.45-caliber semi-automatic)	Professional	Same day	Suicide
	Howard Trang opened fire in a factory, injuring one co-worker. ^{ccxxv ccxxvi}								

19 March 2008	1	Black Road Auto wrecking yard in Santa Maria, California	Lee Isaac Bedwell Leeds (31/M)	4 dead; 0 wounded	1	Handgun (semi-automatic)	Familial	Same day	Force
	Lee Isaac Bedwell Leeds opened fire at the Black Road Auto office, killing his father, a customer and two co-workers. His father owned the office. ^{ccxxvii ccxxviii}								
27 April 2007	1	Lode Street Wastewater Facility in Santa Cruz, California	Steven Harold Smith (50/M)	2 dead; 0 wounded	2	2 handguns	Familial	Same day	Suicide
	Steven Harold Smith opened fire at the Lode Street Wastewater Facility where he was employed, killing his estranged wife and a supervisor. ^{ccxxix}								
5 March 2007	1	Kenyon Press plant in Signal Hill, California	Jose Mendez (68/M)	0 dead; 3 wounded	1	Handgun (semi-automatic)	Professional	Same day	Suicide
	Jose Mendez opened fire at his workplace, wounding three co-workers. Reports state that Mendez was angry that his working hours had been reduced at the menu printing plant. ^{ccxxx}								
11 January 2007	1	Crossroads Industrial Services in Indianapolis, Indiana	Jason Burnman (24/M)	0 dead; 4 wounded	1	Handgun (.38-caliber)	Professional	Same day	Force
	Jason Burnam opened fire at Crossroads Industrial Services, where he was employed, wounding three people in the cafeteria and one in an office of the factory. Reports state that Burnam had been taking medication for bipolar disorder and claimed that he launched the attack to gain respect. ^{ccxxxii}								
26 June 2006	1	Safeway Inc. in Denver, Colorado	Michael Julius Ford (22/M)	1 dead; 5 wounded	1	Handgun (.38 caliber)	Professional	Same day	Force
	Michael Julius Ford opened fire at a Safeway warehouse, killing one coworker and wounding four other people, including a police officer. ^{ccxxxiii}								

21 April 2006	1	Tyson Foods, Inc. in Pine Bluff, Arkansas	Julian English (24/M)	0 dead; 1 wounded	2	2 handguns	Professional	Same day	Force
	Julian English opened fire at a Tyson Foods Inc. poultry processing plant where he was employed, wounding a co-worker. English had been suspended from his job prior to the attack. ^{ccxxxiv}								
29 January 2006	1	Santa Barbara Processing and Distribution Center in Santa Barbara, California	Jennifer San Marco (44/F)	7 dead; 0 wounded	1	Handgun (9-millimeter)	Professional	Same day	Suicide
	Jennifer San Marco opened fire at a postal facility, killing six people hours after killing her neighbor. San Marco then fatally shot herself. The assailant was a former postal worker at the facility she targeted and was on medical leave. Reports state that San Marco entered the facility gates by following closely behind another car and gained access through the front door by taking another employee's electronic identification badge at gunpoint. ^{ccxxxv ccxxxvi}								
23 November 2005	1	H&M Wagner and Sons food distribution office in Glen Burnie, Maryland	Joseph Allen Cobb (54/M)	0 dead; 2 wounded	1	Handgun	Professional	Same day	Suicide
	Joe Cobb opened fire at a warehouse where he was formerly employed, wounding two supervisors. Cobb then committed suicide. ^{ccxxxvii ccxxxviii}								
27 September 2005	1	Verla International factory in New Windsor, New York	Victor M. Piazza (55/M)	1 dead; 2 wounded	1	Handgun (.38-Caliber)	Professional	Same day	Suicide
	Victor M. Piazza opened fire at a nail polish factory where he was formerly employed, killing one supervisor and wounding two others. Piazza was fired from the company after child pornography charges were filed against him. ^{ccxxxix ccl ccli}								

21 February 2005	1	Northrop Grumman Ships Systems in Pascagoula, Mississippi	Alexander L. Lett (41/M)	0 dead; 2 wounded	1	Handgun (9- millimeter semi- automatic)	Professional	Same day	Force	Alexander L. Lett opened fire at his workplace, wounding two coworkers. The attack ended when Lett was detained by other employees. ^{ccxlii ccxliii}
26 January 2005	1	Jeep Liberty Plant in Toledo, Ohio	Myles Meyers (54/M)	1 dead; 2 wounded	1	Shotgun (20-gauge, double-barrel)	Professional	Same day	Suicide	Myles Meyers opened fire at his workplace, killing one person and wounding two others. ^{ccxliv ccxlv}
2 July 2004	1	ConAgra Foods Inc. plant in Kansas City, Kansas	Elijah Brown (21.M)	5 dead; 2 wounded	2	2 handguns	Professional	Same day	Suicide	Elijah Brown opened fire at the food plant where he was employed, killing five people and injuring two others. Brown then committed suicide. ^{ccxlvi}
9 December 2003	1	PrintXcel in Visalia, California	John Garder (45/M)	1 dead; 0 wounded	1	Unknown firearm	Professional	Same day	Suicide	John Gardner opened fire at the PrintXcel plant, killing one employee. He then set multiple fires in the plant. Gardner had been fired from the company prior to the attack. ^{ccxlvii}
19 August 2003	1	Andover Industries in Andover, Ohio	Ricky Shadle (32/M)	1 dead; 2 wounded	4	4 handguns (1 10- millimeter)	Professional	Same day	Suicide	Ricky Shadle opened fire at his workplace, killing one co-worker and wounding two others. ^{ccxlviii}

9 July 2003	1	Lockheed Martin assembly plant in Meridian, Mississippi	Doug Williams (48/M)	5 dead; 9 wounded	2	Shotgun (12- gauge); Rifle (.223- caliber)	Professional	Same day	Suicide
	Douglas Williams opened fire at the Lockheed Martin assembly plant where he was employed, killing five people and injuring nine others. Williams then committed suicide. ^{cxxlix}								
1 July 2003	1	Modine Manufacturing Co. in Jefferson City, Missouri	Jonathan Russell (25/M)	3 dead; 5 wounded	1	Handgun (.40- caliber semi- automatic)	Professional	Same day	Suicide
	Jonathon Russell opened fire at his workplace, killing three people and wounding five others. Russell committed suicide following a shootout with police. ^{ccl}								
6 December 2001	1	Nu-Wood Decorative Millwork factory in Goshen, Indiana	Robert Wissman (36/M)	1 dead; 6 wounded	1	Shotgun	Professional	Same day	Suicide
	Robert Wissman opened fire at the Nu-Wood Decorative Millwork plant, killing one person and wounding six others. Reports state that prior to the attack, Wissman was involved in a dispute with his employer over his possible termination. ^{ccli cclii ccliii}								
5 February 2001	1	Navistar International plant in Melrose Park, Illinois	William D. Baker (66/M)	4 dead; 4 wounded	1	Rifle (AK-47)	Professional	Same day	Suicide
	William Baker opened fire at the Navistar International factory where he was employed, killing four co-workers and wounding four others. Baker concealed his weapons in a golf bag. ^{ccliv}								
15 September 1997	1	R.E. Phelon Co. factory in Aikens County, South Carolina	Arthur Hastings Wise (43/M)	4 dead; 3 wounded	1	Handgun (semi- automatic)	Professional	Same day	Attempted Suicide

	Arthur Hastings Wise opened fire at his former workplace, killing four people and injuring three others, including a security guard. Wise had been recently fired from the company prior to the attack. Reports state that after Wise shot the security guard, he tore out the telephone lines in the guard station and then entered the building. ^{cclv cclvi cclvii}								
5 June 1997	1	Omni Plastic plant in Santa Fe Springs, California	Daniel S. Marsden (38/M)	2 dead; 4 wounded	1	Handgun (9-millimeter semi-automatic)	Professional	Same day	Suicide
	Daniel S. Marsden opened fire at his workplace, killing two co-workers and wounding four others. He committed suicide two hours later. Reports state that Marsden began his attack after retrieving a gun from his car following an argument with co-workers. ^{cclviii}								
3 April 1995	1	Walter Rossler Company in Corpus Christi, Texas	James Simpson (28/M)	5 dead; 0 wounded	2	2 handguns (one 9-millimeter semi-automatic, one .32-caliber semi-automatic revolver)	Professional	Same day	Suicide
	James Simpson opened fire at on oil refinery inspection plant where he was formerly employed, killing five workers. He then committed suicide. ^{cclix cclx}								
14 March 1994	1	Extron Electronic factory in Santa Fe Springs, California	Tuan Nguyen (29/M)	3 dead; 2 wounded	1	Handgun (.38-caliber)	Professional	Same day	Suicide
	Tuan Nguyen opened fire at his former workplace, killing three people and wounding two others. Nguyen was fired from the company shortly before the attack. ^{cclxi cclxii}								
14 September 1989	1	Standard Gravure Corporation plant in Louisville, Kentucky	Joseph T. Wesbecker (47/M)	8 dead; 12 wounded	6	4 handguns (two semi-automatic MAC-11s, one .38-caliber revolver, and one 9-millimeter); Rifle (AK-47); Other	Professional	Same day	Suicide
	Joseph T. Wesbecker opened fire in the printing plant where he was employed, killing eight people and wounding twelve others. Wesbecker was on disability leave for mental illness at the time of the attack. ^{cclxiii cclxiv}								

Schools

Date	Number of Attack Locations	Location Information	Attacker Information	Casualties	Number of Weapons	Weapon Information	Closest Relationship to Victims	Date Attack Concluded	Resolution
23 April 2016	1	Antigo High school in Antigo, Wisconsin	Jakob E. Wagner (M/18)	0 dead; 2 wounded	1	Rifle	Academic	Same day	Force
29 February 2016	1	Madison Junior/Senior High School in Middletown, Ohio	James Austin Hancock (M/14)	0 dead; 5 wounded	1	Handgun	Academic	Same day	No Force
1 October 2015	1	Umpqua Community College in Roseburg, Oregon	Christopher Harper-Mercer (26/M)	9 dead; 7 wounded	6	5 handguns; Rifle	Academic	Same day	Suicide

20 November 2014	1	Florida State University in Tallahassee, Florida	Myron May (M/31)	0 dead; 3 wounded	1	Handgun (.38-caliber)	None	Same day	Force
	Myron May began shooting in Strozier Library at Florida State University in Tallahassee, Florida, wounding three people. He was an alumnus of the university. The shooter was killed during an exchange of gunfire with campus law enforcement. ^{cclxxiii cclxxiv}								
24 October 2014	1	Marysville Pilchuck High School in Marysville, Washington	Jaylen Ray Fryberg (M/15)	4 dead; 3 wounded	1	Handgun (.40 caliber Beretta)	Familial	Same day	Suicide
	Jaylen Ray Fryberg opened fire in the cafeteria of Marysville Pilchuck High School, killing four, and ultimately dying from a self-inflicted gunshot. Prior to the shooting, he texted several of his friends to meet him for lunch in the cafeteria, asking them to skip classes if they were able to. Also prior to the shooting, Fryberg texted his family and the families of his would-be victims, apologizing preemptively for his actions. ^{cclxxv cclxxvi}								
10 June 2014	1	Reynolds High School in Troutdale, Oregon	Jared Michael Padgett (15/M)	1 dead; 1 wounded	2	Handgun; Rifle	Academic	Same day	Suicide
	A teenage gunman walked into the Reynolds High School in Troutdale, Oregon with a rifle. In the gymnasium, he shot and killed 14 year-old freshman Emilio Hoffman and wounded Todd Rispler, a teacher at the school. The gunman was later found dead having committed suicide in a school bathroom. ^{cclxxvii cclxxviii}								
5 June 2014	1	Seattle Pacific University in Seattle, Washington	Aaron Reyes Ybarra (26/M)	1 dead; 3 wounded	1	Shotgun	None	Same day	Force
	Aaron Ybarra opened fire inside the Otto Miller Hall at Seattle Pacific University in Seattle, Washington, killing one student and wounding three. He was ultimately subdued by students. According to the attacker's journal, he had been planning the attack for weeks. ^{cclxxix cclxxx}								

14 January 2014	1	Berrendo Middle School In Roswell, New Mexico	Mason Andrew Campbell (M/12)	0 dead; 3 wounded	1	Shotgun (20 gauge)	Academic	Same day	No force
	Twelve-year-old Mason Andrew Campbell opened fire on a group of students in the school gym of Berrendo Middle School, wounding three. Investigators found a notebook in Campbell's home where he wrote that he was going to commit the shooting. He wrote that he considered using a handgun and knife to kill a school bully. Two students were critically wounded in the shooting, and one staff member sustained minor injuries. <small>cclxxxi cclxxxii</small>								
13 December 2013	1	Arapahoe High School in Centennial, Colorado	Karl Halverson Pierson (18/M)	1 dead; 0 wounded	5	Shotgun; Knife; 3 other (Molotov cocktails)	Academic	Same day	Suicide
	Karl Halverson Pierson opened fire in his high school library, wounding a fellow student. He then walked the halls looking for a specific teacher. Pierson was found by authorities in a classroom, having committed suicide. The wounded student later died. <small>cclxxxiii cclxxxiv cclxxxv</small>								
21 October 2013	1	Sparks Middle School near Reno, Nevada	Jose Reyes (12/M)	1 dead; 2 wounded	1	Handgun (Ruger 9mm semiautomatic)	Academic	Same day	Suicide
	Twelve-year-old Jose Reyes came to school with his parents' gun and opened fire, killing a teacher and wounding two students. The teacher who was shot had attempted to convince Reyes to surrender the weapon before being killed. Reyes' family said he had been teased about a speech problem and investigators uncovered that Reyes had been playing a role playing video game based off of the 1999 Columbine shooting. <small>cclxxxvi cclxxxvii</small>								
12 April 2013	1	New River Community College, inside the New River Valley Mall in Christiansburg, Virginia	Neil Allen MacInnis (18/M)	0 dead; 2 wounded	1	Shotgun (12-gauge)	Academic	Same Day	No Force
	Neil Allen MacInnis exited his car and opened fire on his college campus, wounding two women. Three minutes before the attack, MacInnis posted an announcement of the coming shooting on the website 4chan with a link to the New River Valley public safety scanner, inviting people to listen, and a picture of the front of the school. <small>cclxxxviii cclxxxix</small>								

10 January 2013	1	Taft Union High School in Taft, California	Bryan Oliver (16/M)	0 dead; 2 wounded	1	Shotgun (12-gauge)	Academic	Same Day	No Force
	Bryan Oliver opened fire during his first period science class at his high school, wounding two people. Oliver's science teacher was able to convince him to lay down his firearm. Oliver had plotted to target two students who had bullied him, one of whom was among the wounded. <small>ccxc ccxcic ccxcii</small>								
14 December 2012	1	Sandy Hook Elementary School in Newtown, Connecticut	Adam Lanza (20/M)	26 dead; 2 wounded	3	Rifle (.223 caliber Bushmaster rifle), 2 handguns (10-millimeter Glock, 9-millimeter Sig Sauer)	Academic	Same day	Suicide
	Adam Lanza opened fire in Sandy Hook Elementary School, killing 26 people (including 20 children) and wounding two others before committing suicide. Prior to the school shooting Lanza fatally shot his mother in their Connecticut home. Lanza was a former student of Sandy Hook Elementary School. <small>ccxciii ccxciv ccxcv</small>								
2 April 2012	1	Oikos University in Oakland, California	One L. Goh (43/M)	7 dead; 3 wounded	2	Handgun (.45 caliber semi-automatic)	Academic	Same day	No Force
	One L. Goh opened fire at Oikos University, killing seven students and wounding three others. Reports state that Goh was a former student at the school and initially sought to target an administrator against whom he harbored a grudge. <small>ccxcvi ccxcvii</small>								
27 February 2012	1	Chardon High School in Cleveland, Ohio	Thomas Lane (17/M)	3 dead; 3 wounded	1	Handgun (.22 caliber Ruger Revolver)	Academic	Same day	No Force
	Thomas (also known as 'TJ') Lane opened fire in Chardon High School, killing three students and wounding three others. Lane attended a nearby school and was waiting for a bus at the Chardon campus prior to the attack. <small>ccxcviii</small>								

5 January 2011	1	Millard South High School in Omaha, Nebraska	Robert Butler Jr. (17/M)	1 dead; 2 wounded	1	Handgun (.40 caliber Smith & Wesson)	Academic	Same day	Suicide
	Robert Butler Jr. opened fire at Millard South High School, killing one person and injuring two others. Prior to the attack, Butler Jr. had been suspended from school for a trespassing violation. Butler Jr. used a handgun he stole from his father and had indicated his plans on Facebook prior to the attack. ^{ccxcix}								
14 December 2010	1	Bay District School Board meeting in Panama City, Florida	Clay A. Duke (56/M)	0 dead; 0 wounded	1	Handgun	Other	Same day	Suicide
	Clay A. Duke opened fire at a Florida school board meeting. The attack resulted in zero casualties. Duke, who had an extensive criminal record, held the board members hostage at gunpoint and tried to shoot the superintendent. Duke committed suicide after a security guard shot him in the leg. Reports state that the assailant was unhappy about paying taxes and his wife being fired from her workplace. ^{ccc ccci}								
8 October 2010	1	Kelly Elementary School in San Diego, California	Brendan O'Rourke (41/M)	0 dead; 2 wounded	2	Handgun (.357 Magnum revolver)	None	Same day	Force
	Brendan O'Rourke opened fire on the playground of Kelly Elementary School, wounding two girls. O'Rourke then walked to a second playground and shot and missed at three boys and a school aide. Three construction workers tackled O'Rourke while he was reloading his gun, and held him until police arrived. ^{ccci ccciii}								
27 September 2010	1	University of Texas in Austin, Texas	Colton Joshua Tooley (19/M)	0 dead; 0 wounded	1	Rifle (AK-47)	Academic	Same day	Suicide
	Colton Joshua Tooley opened fire on the University of Texas in Austin campus. The attack resulted in zero casualties. Tooley, wearing a dark suit and ski mask, fired toward a campus church before entering the library where he committed suicide. The attack began near the University of Texas Tower, the site of Charles Whitman's deadly shooting rampage in 1966. ^{ccciv cccv}								

30 August 2010	1	Sullivan Central High School in Blountville, Tennessee	Thomas Richard Cowan (62/M)	0 dead; 0 wounded	2	2 handguns (one .38-caliber semi-automatic and one .25-caliber)	None	Same day	Force
	Thomas Cowan entered Sullivan Central High School, where his brother was employed as a custodian, and pointed a gun at the principal's head. A school officer intervened and urged Cowan to drop his weapon. Cowan lunged for the school officer's gun and a 13-minute standoff ensued until two deputies arrived and fatally shot him to death. The attack resulted in zero casualties. Reports state that Cowan repeatedly asked for the whereabouts of the school fire alarm, allegedly to lure students out of the building and into the line of fire. ^{cccvi cccvii}								
9 March 2010	1	Maintenance building at Ohio State University	Nathaniel Brown (51/M)	1 dead; 1 wounded	2	Unknown	Professional	Same day	Suicide
	Nathaniel Brown opened fire in an Ohio State University facility, killing one co-worker and injuring another. He then committed suicide. Brown was an Ohio State University custodian who had recently been informed that he would be fired. ^{cccviii cccix}								
26 February 2010	1	Birney Elementary School in Tacoma, Washington	Jed Waits (30/M)	1 dead; 0 wounded	1	Handgun (semi-automatic)	Other	Same day	Force
	Jed Waits open fired in the parking lot of Birney Elementary School, killing a special education teacher. Before he was killed by a deputy sheriff, Waits also shot at and missed a bystander who had witnessed the shooting. Reports state that the victim had obtained a civil anti-harassment order against Waits in 2008 after he had repeatedly stalked her beginning in 2003. ^{cccix}								
23 February 2010	1	Deer Creek Middle School in Littleton, Colorado	Bruce Strongagle Eastwood(32/M)	0 dead; 2 wounded	1	Rifle	None	Same day	Force
	Bruce Strongagle Eastwood opened fire in the parking lot of Deer Creek Middle School, injuring two students. Eastwood was tackled by a math teacher who held him until police arrived. ^{cccxi cccxii}								
12 February 2010	1	The University of Alabama in Huntsville, Alabama	Amy Bishop (42/F)	3 dead; 3 wounded	1	Handgun (9mm)	Professional	Same day	No Force

	Amy Bishop, an assistant professor of biological science at the University of Alabama, opened fire in a faculty meeting, killing three people and wounding three others. Five of the victims were members of the faculty and the sixth was an employee of the university. Reports state that Bishop was angry after being denied tenure. ^{cccxi}								
26 April 2009	1	Hampton University in Hampton, Virginia	Odane Greg Maye	0 dead; 2 wounded	Unknown	Unknown	Academic	Same day	Attempted Suicide
	Odane Greg Maye opened fire at a Hampton University dormitory, wounding a pizza delivery man and the dormitory manager. Before the shooting began, Maye, a former student at Hampton University, parked his car off campus to avoid a vehicle checkpoint. He then attempted to commit suicide. ^{cccxiv cccxv}								
16 October 2008	1	Henry Ford High School in Detroit, Michigan	Devon Bell (18/M); William Morton (15/M)	1 dead; 3 wounded	1	Rifle (AK-47)	Academic	Same day	Force
	Two teenage gunmen opened fire after exiting from a black sport utility vehicle, killing one person and wounding three others. The gunmen targeted students who were leaving school. ^{cccxvi}								
14 February 2008	1	Northern Illinois University in DeKalb, Illinois	Steven Phillip Kazmierczak (27/M)	5 dead; 0 wounded	4	3 handguns; shotgun (pump-action)	Academic	Same day	Suicide
	Steven Phillip Kazmierczak, a former graduate student at Northern Illinois University, opened fire in a university lecture hall, killing five people. Kazmierczak carried his weapons onto the campus in a guitar case, stepped from behind a screen on the stage, and began firing at students. ^{cccxvii}								
8 February 2008	1	Louisiana Technical College in Baton Rouge, Louisiana	Latina Williams (23/F)	2 dead; 0 wounded	1	Handgun	Academic	Same day	Suicide
	Latina Williams opened fire in a classroom at Louisiana Technical College in Baton Rouge, killing two students. ^{cccxviii cccxix}								

9 December 2007	2	Youth With a Mission Training Center in Arvada, Colorado; New Life Church in Colorado Springs, Colorado	Matthew Murray (24/M)	4 dead; 4 wounded	3	Rifle; 2 handguns	Other	Same day	Suicide
	Matthew Murray opened fire in a missionary training center dormitory, killing two people and wounding four others. He then walked 70 miles to an evangelical church in Colorado Springs and fatally shot two more people. Murray had been expelled from the training center three years prior to the attack. Reports state that he sent hate mail to the center several weeks prior to the attack. ^{cccxx cccxxi cccxxii}								
10 October 2007	1	SuccessTech in Cleveland, Ohio	Asa H. Coon (14/M)	0 dead; 4 wounded	2	2 handguns (one .38-caliber and one .22 caliber)	Academic	Same day	Suicide
	Asa Coon opened fire in his school, injuring two students and two teachers. Reports state that prior to the attack Coon was angry at being suspended for his involvement in a fight. ^{cccxxiii}								
21 September 2007	1	Delaware State University in Dover, Delaware	Loyer Braden (18/M)	1 dead; 1 wounded	1	Unknown	Academic	Same day	Force
	Loyer D. Braden, a student at Delaware State University, opened fire in the campus dining hall, killing one student and injuring another. ^{cccxxiv cccxxv}								
16 April 2007	1	Virginia Polytechnic Institute in Blacksburg, Virginia	Seung-Hui Cho (23/M)	32 dead; 20 wounded	2	2 handguns (one .22-caliber semi-automatic and one 9mm semi-automatic)	Academic	Same day	Suicide
	Seung-Hui Cho, a Virginia Polytechnic Institute student, opened fire inside a university dormitory and in several classrooms, killing 32 people and wounding 20 others. He committed suicide after the attack. Reports state that Cho had a history of mental and behavioral problems. ^{cccxxvi}								

2 October 2006	1	Amish schoolhouse in Lancaster County, Pennsylvania	Charles Carl Roberts, IV (32/M)	5 dead; 0 wounded	3	Shotgun; Handgun (semi-automatic); Rifle	None	Same day	Suicide
	Charles Carl Roberts IV opened fire in a one-room Amish schoolhouse, killing five female students. Roberts barricaded himself in the school before carrying out the attack. ^{cccxxvii}								
29 September 2006	1	Weston Schools in Cazenovia, Wisconsin	Eric Hainstock (15/M)	1 dead; 0 wounded	2	Shotgun; Handgun (.22-caliber revolver)	Academic	Same day	Force
	Eric Hainstock aimed a shotgun at his high school teacher before the weapon was wrestled from him by a custodian. The gunman then took his second firearm and opened fire, killing a principal. Hainstock had previously complained to teachers and school administrators about being teased by his fellow students. Additionally, he had been issued a disciplinary warning for possessing tobacco the day before the attack. ^{cccxxviii}								
30 August 2006	1	Orange High School in Hillsborough, North Carolina	Alvaro Castillo (19/M)	0 dead; 2 wounded	2	Shotgun (sawed-off); Rifle (9mm)	Academic	Same day	Force
	Alvaro Castillo opened fire and set off pipe bombs in the parking lot of his former high school, wounding two students. Prior to the attack, Castillo fatally shot his father in his home and sent an e-mail to the principal of Columbine High School warning of his attack. ^{cccxxix cccxxx}								
24 August 2006	1	Essex Elementary School in Essex, Vermont	Christopher Williams (27/M)	1 dead; 1 wounded	1	Handgun (.45-caliber)	Other	Same day	Force
	Christopher Williams opened fire at the school where his ex-girlfriend taught, killing one teacher and wounding another. Reports state that the gunman was angry over his breakup with his girlfriend and was searching for her at the school. Prior to the school attack, Williams fatally shot his ex-girlfriend's mother in her home. After the attack, the gunman drove to his friend's house and shot his friend. ^{cccxxxi cccxxxii}								
14 March 2006	1	Pine Middle School in Reno, Nevada	James S.s Newman (14/M)	0 dead; 2 wounded	1	Handgun (.38-caliber)	Academic	Same day	Force

	James Scott Newman opened fire outside his middle school cafeteria, injuring two classmates. ^{cccxxxiii}								
8 November 2005	1	Campbell County Comprehensive High School in Jacksboro, Tennessee	Ken Bartley, Jr. (15/M)	1 dead; 2 wounded	1	Handgun	Academic	Same day	Force
	Kenneth Bartley Jr. opened fire in his high school principal's office, killing one assistant principal and wounding two others. Bartley began his attack when he was called into the principal's office because students had seen him with a gun on campus. ^{cccxxxiv}								
21 March 2005	1	Red Lake High School in Red Lake, Minnesota	Jeff Weise (16/M)	7 dead; 7 wounded	3	Handguns	Academic	Same day	Suicide
	Jeff Weise opened fire at an Indian reservation high school, killing seven fellow students and wounding seven others. The shooting spree lasted 10 minutes. Prior to the attack Weise fatally shot his grandparents at their home. ^{cccxxxv cccxxxvi}								
9 February 2004	1	Columbia High School in East Greenbush, New York	Jon W, Romano (16/M)	0 dead; 1 wounded	1	Shotgun (12-guage pump-action)	Academic	Same day	Force
	John Romano opened fire at his high school, injuring a teacher. An assistant principal tackled and disarmed Romano. Reports state that Romano loaded his gun in the bathroom prior to the attack. ^{cccxxxvii}								
24 September 2003	1	Rocori High School in St. Cloud, Minnesota	John Jason McLaughlin (15/M)	2 dead; 0 wounded	1	Handgun (.22- caliber)	Academic	Same day	Force
	John McLaughlin opened fire at his high school, killing two students. He then aimed his gun at a gym coach, but ultimately put the gun down. The gym coach then took the suspect to the school office without a struggle. ^{cccxxxviii cccxxxix}								

17 July 2003	1	Kanawha County Board of Education school board meeting in Charleston, West Virginia	Richard Dean "Rusty" Bright (58/M)	0 dead; 1 wounded	1	Rifle (AK-47)	Professional	Same day	Force
	Richard Dean "Rusty" Bright opened fire at a Kanawha County Board of Education meeting, wounding a teacher. Bright, a maintenance worker for the Board of Education, began his attack by dousing his supervisor and a personnel official with gasoline. After his lighter failed, he shot the teacher. Police later discovered additional weapons in Bright's vehicle. ^{cccxi}								
9 May 2003	1	Case Western Reserve University in Cleveland, Ohio	Diswanath Halder (62/M)	1 dead; 2 wounded	2	2 handguns (semi- automatic)	Other	Same day	Force
	Biswanath Halder opened fire at a Case Western Reserve University building, killing one person and wounding two others. The attack lasted seven hours. Reports state that Halder was upset because he believed a university student hacked into his web site. ^{cccxi}								
29 October 2002	1	University of Arizona in Tuscon, Arizona	Robert S. Flores, Jr. (41/M)	3 dead; 0 wounded	4	4 handguns (one .45-caliber semi- automatic, one .40-caliber semi-automatic, one .357- caliber revolver, and one 9- millimeter revolver)	Academic	Same day	Suicide
	Robert Flores opened fire in an instructor's office at the University of Arizona Nursing College, killing three of his instructors. Reports state that Flores was a failing student. ^{cccxlii}								
16 January 2002	1	Appalachian School of Law in Grundy, Virginia	Peter Odighizuwa (42/M)	3 dead; 3 wounded	1	Handgun (.38- caliber semi- automatic)	Academic	Same day	Force

	Peter Odighizuwa opened fire on the campus of the Appalachian School of law, killing the dean, a student and a professor, and wounding three other people. Reports state that Odighizuwa, a graduate student, was angry over recently being dismissed from the school. ^{cccxl}								
17 May 2001	1	Pacific Lutheran University in Tacoma, Washington	Donald Cowan (55/M)	1 dead; 0 wounded	1	Handgun (9mm semi-automatic)	None	Same day	Suicide
	Donald Cowan opened fire at a Pacific Lutheran University dormitory, killing a music professor. Cowan left a 16-page suicide note expressing anger at a colleague of the victim, whom Cowan briefly dated as a teenager ^{cccxliv}								
22 March 2001	1	Granite Hills High School in El Cajon, California	Jason Anthony Hoffman (18/M)	0 dead; 5 wounded	2	Shotgun (12-gauge); Handgun (.22 caliber)	Academic	Same day	Force
	Jason Hoffman opened fire at his high school, wounding five people. The attack began when a school dean questioned Hoffman as to why he was carrying a gun over his shoulder. After shooting and missing the dean, Hoffman ran toward the administration offices while randomly shooting into windows and a doorway. ^{cccxlv}								
5 March 2001	1	Santana High School in Santee, California	Charles Andrews Williams (15/M)	2 dead; 13 wounded	1	Handgun (.22-caliber revolver)	Academic	Same day	Force
	Charles Andrews Williams opened fire at his high school, killing two schoolmates and wounding 13 others. He began his shooting spree by firing randomly inside a bathroom and around the courtyard. Reports state that Williams had warned classmates he would bring a weapon to school. ^{cccxlv} ^{cccxlvi}								
6 December 1999	1	Fort Gibson Middle School in Fort Gibson, Oklahoma	Seth Trickery (13/M)	0 dead; 4 wounded	1	Handgun (9mm semi-automatic)	Academic	Same day	Force
	Seth Trickey opened fire on a crowd of students at his middle school, wounding four people. He was then subdued by a teacher. ^{cccxlviii}								

21 May 1999	1	Heritage High School in Conyers, Georgia	Thomas Solomon, Jr. (15/M)	0 dead; 6 wounded	1	Rifle	Academic	Same day	Force
	Thomas Solomon opened fire at his high school, wounding six students. Solomon was eventually disarmed by an assistant principal after attempting to commit suicide. Authorities later discovered printouts of bomb recipes and notes detailing his plot to plant explosives in the school building in Solomon's bedroom. Reports state that Solomon was distraught over a recent breakup with his girlfriend. ^{cccxlx}								
20 April 1999	1	Columbine High School in Littleton, Colorado	Eric Harris (18/M); Dylan Klebold (17/M)	13 dead; 24 wounded	4	2 shotguns (sawed-off); Handgun (TEC-9); Other	Academic	Same day	Suicide
	Eric Harris and Dylan Klebold opened fire at Columbine High School, killing 12 fellow students and a teacher and wounding 24 others. ^{cccl cccli}								
16 April 1999	1	Notus Junior-Senior High School in Notus, Idaho	Shawn Cooper (16/M)	0 dead; 0 wounded	1	Shotgun	Academic	Same day	No Force
	Shawn Cooper opened fire at his high school. The attack resulted in zero casualties. Students barricaded themselves in classrooms when Cooper began firing his shotgun at students and faculty. Cooper surrendered after a 20-minute standoff with police. Reports state that Cooper had been taking Ritalin prior to the attack. ^{ccclii cccliii}								
21 May 1998	1	Thurston High School in Springfield, Oregon	Kip Kinkel (15/M)	2 dead; 22 wounded	1	Rifle	Academic	Same day	Unknown
	Kip Kinkel opened fire in the cafeteria of his high school, killing two students and wounding 22 other people. Prior to the attack, Kinkel fatally shot his parents at home. Although several students were aware that Kinkel had devised a "hit list" prior to the attack, no one alerted authorities. ^{cccliv ccclv}								
24 March 1998	1	Westside Middle School in Jonesboro, Arkansas	Andrew Golden (11/M); Mitchell Johnson (13/M)	5 dead; 10 wounded	Unknown	2 rifle (.30-06 Remington and .30 carbine Universal); Handgun (semi-automatic); Other	Academic	Same day	Force

	Mitchell Johnson and Andrew Golden opened fire outside their middle school, killing five people and wounding 10 others. Prior to the attack, Johnson and Golden pulled the fire alarm, luring the students and teachers outside the building and into the gunmen’s line of fire. The boys stole a cache of weapons from Golden’s grandfather’s house. Reports state that the boys had warned classmates of the impending attack. <small>ccclvi ccclvii ccclviii</small>								
15 December 1997	1	Stamps High School in Stamps, Arkansas	Joseph “Colt” Todd (14/M)	0 dead; 2 wounded	Unknown	Unknown	Academic	Same day	Force
	Joseph Colt Todd opened fire outside his high school, injuring two students. Todd hid in the woods next to his school and shot at students in the parking lot. Reports state that Todd was angry at being teased by classmates. <small>ccclix ccclx</small>								
1 December 1997	1	Heath High School in West Paduch, Kentucky	Michael Carneal (17/M)	3 dead; 5 wounded	4	2 shotguns; 2 rifles (.22-caliber)	Academic	Same day	No force
	Michael Carneal opened fire on a prayer group at Heath High School, killing three girls and wounding five others. A classmate and friend of the assailant persuaded Carneal to put the gun down. Carneal had warned several classmates of his plan. <small>ccclxi ccclxii</small>								
1 October 1997	1	Pearl High School in Pearl, Mississippi	Luke Woodham (16/M)	2 dead; 7 wounded	1	Rifle	Academic	Same day	Force
	Luke Woodham opened fire at his high school, killing two people and wounding seven others. Prior to the attack, Woodham stabbed his mother to death in their home. <small>ccclxiii ccclxiv</small>								
19 February 1997	1	Bethel Regional High School in Bethel, Alaska	Evan Ramsey (16/M)	2 dead; 2 wounded	1	Shotgun (12-guage)	Academic	Same day	No Force
	Evan Ramsey opened fire at his high school, killing a student, a principal, and wounding two others. Reports state that Ramsey had been bullied by classmates and had openly discussed his plans with friends prior to the attack. <small>ccclxv ccclxvi</small>								

8 February 1996	1	Mid-Peninsula Education Center in Palo Alto, California	Douglas Bradley (16/M)	0 dead; 3 wounded	1	Handgun (.38 caliber revolver)	Academic	Same day	Suicide
	Douglas Bradley opened fire on his high school's basketball court, injuring three students. Bradley drove his car onto the court and threw money out the window to draw people into his line of fire. ^{ccclxvii} ^{ccclxviii}								
2 February 1996	1	Frontier Middle School in Moses Lake, Washington	Barry Loukaitis (14/M)	3 dead; 1 wounded	3	Rifle; 2 handguns (one .22-caliber and one .25- caliber)	Academic	Same day	Force
	Barry Loukaitis opened fire on his middle school algebra class, killing a teacher and two students and wounding another. Loukaitis held hostages for 10 minutes and released some of the wounded before he was disarmed by a gym instructor. Loukaitis wore a duster jacket to hide his weapons. ^{ccclxix} ^{ccclxx} ^{ccclxxi}								
15 November 1995	1	Richland High School in Lynville, Tennessee	Jamie Rouse (17/M)	2 dead; 1 wounded	1	Rifle	Academic	Same day	Force
	Jamie Rouse opened fire at his high school, killing a teacher and a student, and wounding another teacher. Reports state that Rouse was angry at being socially ostracized at school. ^{ccclxxii} ^{ccclxxiii}								
12 October 1995	1	Blackville-Hilda High School in Blackville, South Carolina	Toby Sincino (16/M)	1 dead; 1 wounded	1	Handgun (.32- caliber revolver)	Academic	Same day	Suicide
	Toby Sincino opened fire at his high school, killing one teacher and wounding another. Sincino began his attack by shooting his math teacher in the face. He then walked to the guidance counselor's office, but after being unable to unlock the door, he shot another math teacher. Reports state that Sincino was angry over being bullied at school and warned classmates that he possessed a gun. He had been suspended the day before the shooting. ^{ccclxxiv} ^{ccclxxv}								
7 November 1994	1	Wickliffe Middle School in Wickliffe, Ohio	Keith Ledeger (37/M)	1 dead; 3 wounded	1	Shotgun	Academic	Same day	Force

	Keith A. Ledeger opened fire at his former middle school, killing a custodian and wounding two staff members. He then shot a police officer near the main entrance. Ledeger had been diagnosed with paranoid schizophrenia. ^{ccclxxvi}								
18 January 1993	1	East Carter High School in Graysosn, Kentucky	Gary Scott Pennington (17/M)	2 dead; 0 wounded	Unknown	Unknown	Academic	Same day	No Force
	Gary Scott Pennington opened fired at a high school English class, killing a teacher and a custodian. Pennington then held 22 students hostage. ^{ccclxxvii ccclxxviii}								
14 December 1992	1	Simon's Rock College of Bard in Great Barrington, Massachusetts	Wayne Lo (18/M)	2 dead; 4 wounded	1	Rifle	Academic	Same day	No Force
	Wayne Lo opened fire on his school's campus, killing two people and wounding four others. Lo began his attack by shooting a security guard and a professor before targeting students in the library and dormitories. Prior to the attack, school administrators were notified that Lo had received a package from an ammunition company, but determined the school had no authority to interfere with the package. In addition, the school resident director was warned that Lo threatened to kill her and her husband. ^{ccclxxix ccclxxx}								
11 September 1992	1	Palo Duro High School in Amarillo, Texas	Randy Earl Matthews (17/M)	0 dead; 6 wounded	1	Handgun (.38-caliber)	Academic	Same day	Force
	Randy Matthews opened fire at his high school pep rally, wounding six fellow students. Another student was trampled by the fleeing mob of students. Reports state that although Matthews initially targeted a student with whom he had fought, he continued to spray bullets at other students in the hallway. ^{ccclxxxi}								
14 May 1992	1	Silversado Middle School in Napa, California	John McMahan (14/M)	0 dead; 2 wounded	1	Handgun (.357 Magnum)	Academic	Same day	No Force
	John McMahan opened fire on a middle school science class, wounding two fellow students. Reports state that McMahan was angry over being bullied in school. ^{ccclxxxii ccclxxxiii}								

1 May 1992	1	Lindhurst High School in Hoyt, Kansas	Eric Houston (20/M)	4 dead; 9 wounded	2	Shotgun (12-gauge); Rifle (.22-caliber)	Academic	Same day	No force
	Eric Houston opened fire at his former high school, killing four people and wounding nine others. During the attack, Houston held dozens of students hostage on campus. ^{ccclxxxiv} ^{ccclxxxv}								
1 November 1991	1	University of Iowa in Iowa City, Iowa	Gang Lu (28/M)	5 dead; 1 wounded	2	Handguns (one .38-caliber revolver and one .22-caliber revolver)	Academic	Same day	Suicide
	Gang Lu, a graduate student, opened fire on the University of Iowa campus, killing five people and wounding another. Lu's victims included two professors, a department chair, an associate professor, an associate vice president and a student employee. Reports state that Lu was angry over the unenthusiastic reception his dissertation received. Investigators recovered letters in which Mr. Lu enumerated a list of targets and outlined his plans to exact revenge. ^{ccclxxxvi} ^{ccclxxxvii}								
17 January 1989	1	Cleveland Elementary School in Stockade, California	Patrick Edward Purdy (24/M)	5 dead; 29 wounded	2	Rifle (.56-caliber); Handgun (9mm)	Academic	Same day	Suicide
	Patrick Purdy opened fire at an elementary school playground, killing five people and wounding 29 others. Purdy had attended the school 16 years prior to his attack. ^{ccclxxxviii} ^{ccclxxxix}								
16 December 1988	1	Atlantic Shores Christian School in Virginia Beach, Virginia	Nicholas Elliot (16/M)	1 dead; 2 wounded	1	Handgun (semi-automatic)	None	Same day	Force
	Nicholas Elliot opened fire at his high school, killing a teacher and wounding two others. Elliot hid his gun in his backpack. ^{cccxc} ^{cccxi}								

26 September 1988	1	Oakland Elementary School in Breenwood, South Carolina	James William Wilson (19/M)	2 dead; 9 wounded	1	Handgun (.22- caliber revolver)	None	Same day	No Force
	James Wilson opened fire at an elementary school, killing two young girls and wounding nine other people. Reports state that Wilson was angry about being teased for his weight and for taking psychiatric drugs. ^{cccxcii cccxciii}								
20 May 1988	1	Hubbard Woods School in Winnetka, Illinois	Laurie Dann (30/F)	1 dead; 5 wounded	2	2 handguns (one .22-caliber semi- automatic and one .32 caliber)	None	Same day	Suicide
	Laurie Dann opened fire at an elementary school, killing a second-grader and wounding five other students. Dann then shot a man in a nearby house. Prior to the attacks, Dunn, who had a history of mental illness, lit a house on fire, attempted to firebomb a school, and delivered poisoned snacks to people she knew. ^{cccxcivcccxcv cccxcvi}								
4 December 1986	1	Fergus High School in Lewiston, Montana	Kristofer Hans (14/M)	1 dead; 3 wounded	1	Handgun	Academic	Same day	Force
	Kristofer Hans opened fire at his high school, killing one person and wounding three others. Hans initially tried to kill his teacher, but shot and killed her substitute instead. Hans then fired several shots as he fled the school building, wounding two students and a vice principal. Reports state that Hans was angry about failing a French class. ^{cccxcvii cccxcviii cccxcix}								
10 December 1985	1	Portland Junior High School in Portland, Connecticut	Floyd Warmesley (13/M)	1 dead; 2 wounded	1	Rifle	Academic	Same day	Force
	Floyd Warmesley opened fire at his junior high school, killing a custodian and injuring the principal and secretary. After shooting the three victims, Warmesley roamed the school and took a student hostage for more than a half-hour. ^{cd cdi}								
21 January 1985	1	Goddard Junior High School in Goddard, Kansas	James Alan Kearbey (14/M)	1 dead; 3 wounded	2	Rifle (M1-A); Handgun (.357 Magnum)	Academic	Same day	Force

	James Alan Kearbey opened fire at his high school, killing the principal and wounding two teachers and a student. Kearbey's classmates claimed he was fascinated with military weapons and war. ^{cdii cdiiii}								
21 January 1983	1	Parkway South Junior High School in Manchester, Missouri	David F. Lawler (14/M)	1 dead; 1 wounded	3	2 handguns (.22-caliber)	Academic	Same day	Suicide
	David F. Lawler opened fire in his junior high school study hall, killing one student and wounding another. After Lawler committed suicide, investigators discovered a three-page suicide note in his bag. ^{cdiv cdv}								
29 January 1979	1	Cleveland Elementary School in San Diego, California	Brenda Spencer (16/F)	2 dead; 9 wounded	1	Rifle	None	Same day	Force
	Brenda Spencer opened fire at an elementary school, killing the principal and a custodian and wounding eight children and a police officer. Spencer fired the shots from her house across the street from the school. ^{cdvi cdvii}								
12 July 1976	1	California State University in Fullerton, California	Edward Charles Allaway (37/M)	7 dead; 2 wounded	1	Rifle	Professional	Same day	No Force
	Edward Charles Allaway opened fire in the basement of a library where he was employed as a custodian, killing seven people and wounding two others. Allaway then called the police and surrendered. ^{cdviii cdix}								
30 December 1974	1	Olean High School in Olean, New York	Anthony Barbaro (18/M)	3 dead; 9 wounded	2	Rifle; Shotgun	Academic	Same day	Force
	Anthony Barbaro opened fire at his high school, killing three people and wounding nine others. Equipped with guns and homemade bombs, Barbaro began his attack by setting several fires in the school. He then shot a janitor and fired from a third-floor window at responding firemen and bystanders. A search Barbaro's home revealed handmade bombs and a diary detailing five months of planning. ^{cdx cdxi cdxii}								

1 August 1966	1	University of Texas in Austin, Texas	Charles Joseph Whitman (25/M)	13 dead; 31 wounded	4	2 rifles; Shotgun (sawed-off); Handgun (.357 Magnum)	Academic	Same day	Force
Charles Joseph Whitman, an architectural engineering student, opened fire from an observation desk on the University of Texas campus, killing 13 people and wounding 31 others. Whitman’s attack ended after he was shot by a police officer. ^{cdxiii}									

Other

Date	Number of Attack Locations	Location Information	Attacker Information	Casualties	Number of Weapons	Weapon Information	Closest Relationship to Victims	Date Attack Concluded	Resolution
28 September 2016	2	Townville Elementary School and private residence in Townville, South Carolina	Jesse Osborne (M/14)	2 dead; 2 wounded	1	Handgun	None	Same day	Force
	14- year-old Jesse Osborne shot and killed his father before driving to Townville Elementary School. He reportedly then rammed his parents' vehicle into the chainlink fence surrounding the playground before opening fire on children outside for recess. Two of Osborne's two victims were six years old. Osborne was reportedly homeschooled and was home alone with his father at the time of the incident. ^{cdxivcdxv}								
26 September 2016	1	Condo Complex in Houston, Texas	Nathan Desai (M/45)	0 dead; 9 wounded	3	Handgun; Submachine gun; Knife	None	Same day	Force
	45-year-old Nathan Desai opened fire on Houston motorists, wounding nine. The successful Houston lawyer was carrying thousands of rounds of ammunition during his shooting spree. Desai, who was reportedly in a Jewish fraternity in college, was wearing Nazi symbols on his military-style clothing. ^{cdxvicdxvii}								
16 September 2016	3	Police vehicle, bar, and street in Philadelphia, Pennsylvania	Nicholas Galent (M/25)	1 dead; 4 wounded	1	Handgun (9mm Ruger Pistol)	None	Same day	Force

	At approximately 11:20 p.m., 25-year-old Nicholas Glenn ambushed Sergeant Sylvia Young while she sat in her police vehicle in west Philadelphia, shooting at her 18 times. Nearby officers heard the shots and pursued the gunman, who fired into a nearby bar injuring one security guard. Glenn then grabbed a woman and used her as a human shield before shooting her in the leg. He then fired into a car 14 times, killing one woman and injuring a man. Glenn was eventually chased into an alley where he was shot and killed by officers, though not before shooting a University of Pennsylvania officer twice. All told, one person was killed and three were injured. In a note found at the scene, Glenn expressed hatred towards police and specifically named one probation officer. ^{cdxviii cdxix}								
7 July 2016	1	Protest on the streets of Dallas, Texas	Micah Xavier Johnson (M/25)	5 dead; 6 wounded	2	Rifle (SKS Semi-Automatic Assault Rifle); Handgun	None	Same day	Force
	At approximately 10:45 p.m., 14 officers were targeted and fired upon during a Black Lives Matter protest against the recent deaths of Alton Sterling and Philando Castile. The perpetrator, Micah Johnson, opened fire from ground level with an SKS assault rifle, killing 5 officers and wounding 9 others. Johnson was neutralized with a police-controlled robot carrying explosives. Micah Johnson was a military veteran that served in Afghanistan. Reporting to date has not revealed any ties to a larger network or group. Investigators found explosive materials, ballistic vests, and ammunition in his home. The attack is considered the deadliest assault on law enforcement since 9/11.. ^{cdxxcdxxi}								
29 May 2016	1	Auto Detail Shop and Neighborhood in Houston, Texas	Dionsio Garza III (M/25)	1 dead; 6 wounded	2	Rifle (AR-15); Handgun (Pistol)	None	Same day	Force
	On the morning of May 29, 2016, Dionisio Garza III, opened fire at an auto detail shop in Houston, Texas with an assault rifle. The shooter traveled on foot to a nearby neighborhood. Garza, an Army veteran who deployed twice to Afghanistan, reportedly chose the location for its tactical advantages. He fired 212 rounds during his rampage. ^{cdxxii cdxiii}								
25 May 2016	1	Highway near Phoenix, Arizona	James David Walker (M/36)	0 dead; 2 wounded	3	Rifle (AR-15); Rifle; Handgun	None	Same day	No Force
	On May 25, 2016, James David Walker, 36, armed with a rifle, allegedly began shooting at motorists on Beeline Highway (State Route 87) near Phoenix, Arizona. Over the next hour, while he was sitting in his parked vehicle, he shot towards 13 people in six different moving cars. He fled in a carjacked vehicle, hit a state trooper patrol vehicle, and then drove away. The shooter was apprehended by police after a police air unit spotted his vehicle in a ditch. No one was killed; two were wounded. ^{cdxxiv cdxv cdxvi}								

31 March 2016	1	Greyhound Bus Station in Richmond, Virginia	James Brown III (M/34)	1 dead; 2 wounded	1	Handgun (.40-caliber Beretta)	None	Same day	Force
	At 2:45 p.m on March 31, James Brown opened fire at a Greyhound Bus Station in Richmond, VA, killing a Virginia State trooper already at the station. The trooper was allegedly talking to the suspect when he pulled out a gun. Two nearby troopers returned fire. The suspect died at the hospital. <small>cdxxvii cdxxviii</small>								
13 March 2016	1	Police Station in Landover, Maryland	Michael Ford (M/22)	1 dead; 0 wounded	1	Handgun	None	Same day	Force
	Michael Ford opened fire on the Prince George’s County Police station in Landover, Maryland. Ford’s two brothers drove him to the police station and used mobile phones to record Michael Ford’s attack. The video was described as a “last will and testament.” Police Officer Jacai Colson was killed by friendly fire. <small>cdxxix cdxxx</small>								
25 February 2016	3	Locations across Newton, Kansas including Excel Industries	Cedric Larry Ford (M/38)	3 dead; 14 wounded	2	1 Rifle (AK-47); 1 Handgun (Glock 22)	Professional	Same day	Force
	Cedric Larry Ford began shooting from his vehicle in Newton, Kansas with a handgun and an assault rifle, wounding one person. He then drove two miles and shot another person before arriving at Excel Industries, a lawn care equipment manufacturing plant, where he killed three people and wounded 12. The shooter was an Excel employee. <small>cdxxxi cdxxxii</small>								
20 February 2016	3	Apartment Complex, Kia Dealership, and Cracker Barrel restaurant Kalamazoo, Michigan	Jason Brian Dalton (M/45)	6 dead; 2 wounded	2	2 Handguns (9mm Glock and Walther P-99)	None	Same day	No Force

	On February 20, 2016, Jason Brian Dalton began shooting at the first of eight people in three different areas of Kalamazoo, Michigan. The shooter, carrying two handguns, drove for nearly five hour shooting randomly at individuals at an apartment complex, car dealership, and restaurant parking lot. Dalton, an Uber driver, continued to pick up fares during his assault, but was ultimately arrested by police two hours after the final shot was fired. ^{cdxxxiii cdxxxiv cdxxxv}								
27 November 2015	1	Planned Parenthood at the Westside Health Center in Colorado Springs, Colorado.	Robert Lewis Dear, Jr. (M/57)	3 dead; 9 wounded	4	4 rifles (SKS semi-automatic)	None	Same day	No Force
	On November 27, 2015, Robert Lewis Dear, Jr. opened fire on a Planned Parenthood facility at the Colorado Springs Westside Health Center in Colorado Springs, Colorado. Armed with a rifle, he exchanged heavy fire with law enforcement during an hours-long standoff, injuring five responding officers prior to surrendering. ^{cdxxxvi cdxxxvii}								
31 October 2015	1	Neighborhood in Colorado Springs, Colorado	Noah Jacob Harpham (M/33)	3 dead; 0 wounded	3	2 handguns; Rifle (AR-15)	None	Same day	Force
	On October 31, 2015, Noah Jacob Harpham began shooting people as he walked down the street in Colorado Springs, Colorado. Armed with two handguns and a rifle, the shooter killed three people before he was killed during an exchange of gunfire with law enforcement. Two days prior to his attack, Harpham took to the internet to leave a paranoid, rambling video message, which ranted about religion, the government and his family. ^{cdxxxviii cdxxxix}								
26 August 2015	1	Bridgewater Plaza in Moneta, Virginia	Vester Lee Flanagan II (41/M)	2 dead; 1 wounded	1	Handgun (9-mm Glock)	Professional	Same day	Suicide
	Vester Lee Flanagan II opened fire during a live broadcast of WDBJ-TV in Moneta, Virginia killing two people and wounding one other. Flanagan, who was known by his onscreen pseudonym Bryce Williams, fled the scene prior to committing suicide. Flanagan was a former employee of the station and had a history of filing discrimination complaints, including one against the station. He reportedly accused co-workers of making racist comments and claimed that the shooting was intended to avenge the deaths of nine African-Americans in Charleston, South Carolina. ^{cdxlc dxli cdxlii}								

16 July 2015	2	Military recruiting center in a strip mall and local Navy operations center in Chattanooga, Tennessee	Mohammad Youssef Abdulazeez (24/M)	5 dead; 2 wounded	3	Rifle (AK-47); Shotgun (12-gauge); Handgun (9-millimeter)	None	Same day	Force
	Mohammad Youssef Abdulazeez opened fire at two military locations in Chattanooga, Tennessee, killing five persons and wounding two others before being killed by a police officer. Abdulazeez was reportedly dealing with drug and mental health issues and had downloaded recordings by al-Qa'ida ideologue Anwar al-Awlaqi. ^{cdxliii cdxliv cdxlv}								
5 July 2015	1	Omni Austin Hotel Downtown in Austin, Texas	Michael McGregor Holt (M/35)	1 dead; 0 wounded	1	Rifle	None	Same day	Force
	At 4:48 a.m., Michael Holt began shooting at bystanders at the Omni Austin Hotel Downtown in Austin, Texas. Surveillance video from inside the hotel shows Holt walking around with a hard hat on and a rifle draped over his shoulder. The shooter, armed with a rifle, was killed by responding law enforcement. ^{cdxlvi cdxlvii}								
15 June 2015	1	Emanuel AME Church in Charleston, South Carolina	Dylann Storm Roof (M/21)	9 dead; 1 wounded	1	Handgun (.45-caliber Glock)	None	Same day	No Force
	Dylann Storm Roof opened fire during a prayer meeting at the Emanuel African Methodist Episcopal Church in Charleston, South Carolina, killing nine people and wounding one before fleeing the scene. He was arrested the following day in North Carolina. Roof published a racist manifesto prior to the shooting and openly associated with the white supremacy movement. ^{cdxlviii cdxlix cdl}								

3 May 2015	1	Curtis Culwell Center in Garland, Texas	Elton Simpson (M/29) and Nadir Soofi (M/33)	0 dead; 1 wounded	6	3 rifles; 3 handguns (pistols)	None	Same day	Force
	Two gunmen opened fire outside a complex in Garland, Texas, that was hosting a contest featuring cartoons of the Prophet Muhammad. One of the shooters was Elton Simpson, an Arizona man, who previously had been convicted on a minor charge in a broader terrorism-related case. Both gunmen were killed and one security officer was injured in the shootout. ^{cdli}								
3 May 2015	1	Trestle Trail Bridge in Menasha, Wisconsin	Sergio Daniel Valencia Del Toro (M/27)	3 dead; 1 wounded	2	Handguns	None	Same day	Suicide
	At 7:30 p.m., Sergio Daniel Valencia Del Toro shot into a crowd of people on the Trestle Trail Bridge in Menasha, Wisconsin, before turning the gun on himself before law enforcement arrived. He died a few hours later. ^{cdlii}								
17 April 2015	1	Los Angeles International Airport, Los Angeles, California	Everardo Custodio (21/M)	0 dead; 0 wounded	1	Handgun (Pistol)	None	Same day	Force
	Everardo Custodio opened fire at Logan Square in Chicago, Illinois firing indiscriminately but wounding no one until he was wounded by an Uber driver who was carrying a licensed gun. Custodio's motive for the shooting is unknown. ^{cdliii} ^{cdliv}								
28 March 2015	1	Spring break party in Panama City, Florida	David Jamichael Daniels (M/21)	0 dead; 7 wounded	1	Handgun	None	Same day	No Force
	David Jamichael Daniels opened fire on a spring break party in Panama City, Florida using a handgun. He fled the scene, but was later apprehended by law enforcement. ^{cdlv} ^{cdlvi}								

18 March 2015	4	Multiple locations in Mesa, Arizona	Ryan Elliot Giroux (M/41)	1 dead; 5 wounded	1	Handgun	None	Same day	Force
	On March 18, 2015, Ryan Elliot Giroux, targeted four separate locations in Mesa, Arizona, including the Tri-City Inn motel, a restaurant at the East Valley Institute of Technology, and two separate residential buildings. The shooter was apprehended by law enforcement several hours after his attack. ^{cdlvii} ^{cdlviii}								
26 January 2015	1	City Hall in New Hope, Minnesota	Raymond Kmetz (68/M)	0 killed; 2 wounded	1	Shotgun (12-gauge)	None	Same day	Force
	Raymond Kmetz opened fire after a swearing-in ceremony for new police officers in New Hope, Minnesota, wounding two police officers. Kmetz was killed by police officers. Kmetz's relationship with the wounded officers is unknown, but he was notorious in New Hope for a variety of prior crimes, criminal behavior and threatening police. ^{cdlix} ^{cdlx} ^{cdlxi}								
28 November 2014	3	Federal courthouse building, the Mexican Consulate, and law enforcement headquarters in downtown Austin, TX	Larry Steven McQuilliams (M/49)	0 dead; 0 wounded	4	Handgun; Rifle; 2 others (explosive devices)	None	Same day	Force
	On November 28, 2014, Larry Steven McQuilliams began shooting at a federal courthouse building in Downtown Austin, Texas. He was armed with a handgun, a rifle, and explosive devices. After targeting the courthouse, he continued his attack first at the Mexican Consulate and then headed to the Austin law enforcement headquarters. McQuilliams was killed during an exchange of gunfire with law enforcement. ^{cdlxii} ^{cdlxiii}								

22 November 2014	1	Shooter's residence in Tallahassee, Florida	Curtis Wade Holley (M/53)	1 dead; 1 wounded	1	Handgun	None	Same day	Force
	At 10:15 a.m., Curtis Wade Holley targeting law enforcement responding to a 911 call at his residence in Tallahassee, Florida. The shooter appeared to have set fire to his house in order to attack first responders. Holley shot and killed one law enforcement officer with a handgun. ^{cdlxivcdlxv}								
24 July 2014	1	Sister Marie Lenahan Wellness Center in Darby, Pennsylvania	Richard Steven Plotts (M/49)	1 dead; 1 wounded	1	Handgun	Other	Same day	Force
	Richard Steven Plotts entered his psychiatrist's office at Sister Marie Lenahan Wellness Center in Darby, Pennsylvania, armed with a handgun on July 24. He shot and killed his caseworker and wounded his doctor. The doctor, who possessed a valid firearms permit, returned fire and wounded Plotts. Employees restrained the shooter until law enforcement arrived. ^{cdlxvcdlxvii}								
6 June 2014	1	Forsyth county Courthouse in Cumming, Georgia	Denis Marx (48/M)	0 dead; 1 wounded	6	3 Handguns; 2 others (chemical grenades); Rifle	None	Same Day	Force
	Denis Marx opened fire on a deputy just after attempting to run him down outside a courthouse. Marx also threw smoke, gas, and pepper spray grenades at first responders. A SWAT team killed him. Officers then searched his home and found homemade explosives. Marx saw himself as a "sovereign citizen" and held an anti-government ideology. Marx was supposed to appear at the Forsyth County Courthouse and was expected to make a plea for his multiple felony convictions. ^{cdlxviii}								

23 May 2014	17	Multiple locations in Isla Vista, California, near the University of California, Santa Barbara, California	Eliot Rodger (22/M)	6 dead; 14 wounded	6	4 Handguns; 2 knives; Other (vehicle)	Academic	Same Day	Suicide
	Eliot Rodger stabbed three men to death, including two of his roommates, in his apartment in Isla Vista, California with a knife. He then drove to a sorority house near the University of California, Santa Barbara campus and opened fire, killing two students and injuring one. Rodger drove to a deli where he shot and killed another student, then drove around randomly shooting at people on the streets before exchanging gunfire with police officers. He committed suicide as police moved to take him into custody. Rodger posted a video on YouTube and sent a 137-page letter to an online acquaintance before the rampage, both of which detailed his plan to target women. ^{cdlxxcdlxxicdlxxii}								
3 May 2014	2	A private home and a construction site in Jonesboro, Arkansas	Porfirio Sayago-Hernandez (40/M)	3 dead; 4 wounded	3	Handgun	Other	Same Day	Suicide
	Porfirio Hernandez opened fire at a friend's home, killing two and wounding four. He then drove to his place of employment, a construction site, and shot and killed one more victim about twenty minutes later before fleeing the scene again. About an hour later, Hernandez's body was found in the driver's seat of a car on a roadside. Hernandez had been recently released from a mental institution. ^{cdlxxiiicdlxxiv}								
13 April 2014	2	Jewish Community Center and Village Shalom Retirement Home in Overland Park, Kansas	Frazier Glenn Miller, Jr. (73/M)	3 dead; 0 wounded	3	2 Handguns; Shotgun (Remington Model 870)	None	Same Day	No Force

	Frazier Glenn Miller shot two people in the parking lot behind the Jewish Community Center of Greater Kansas City before driving a few blocks away to a Jewish retirement community, Village Shalom, where he gunned down a woman. Officers arrested him in an elementary school parking lot a few hours later. During his trial, Miller stated that it was his intent to use the trial as a means to "put the Jews on trial where they belong." He called his shooting rampage justified, though he said he regretted killing the 14-year-old. ^{cdlxxvcdlxxvi}								
2 April 2014	1	Fort Hood Army Base in Fort Hood, Texas	Ivan Antonio Lopez-Lopez (34/M)	3 dead; 16 wounded	1	Handgun (.45- caliber Smith & Wesson M&P Pistol)	Professional	Same Day	Suicide
	Army Specialist Ivan Lopez opened fire at the administration building of Fort Hood, killing one fellow soldier and wounding nine. He then shot and killed one soldier and injured two more victims at the motor pool office where he worked. Afterwards, the drove to the medical brigade building, shooting at people along the way. He killed another soldier and wounded two more at the medical brigade building, then fled the scene. Upon encountering a military police woman less than ten minutes later, Lopez committed suicide. Lopez had reportedly suffered from depression and possibly post-traumatic stress disorder. ^{cdlxxvii cdlxxviii}								
20 February 2014	1	Cedarville Rancheria Tribal Office in Alturas, California	Cherie Louise Rhoades (44/F)	4 dead; 2 wounded	2	Handgun; Knife	Familial	Same Day	Force
	Cherie Louise Rhoades a.k.a. Sherie Lash opened fire during a meeting of the Cedarville Rancheria tribe, killing four and wounding one. Rhoads ran out of ammunition and used a butcher knife to stab another victim. The council meeting was to determine if she and her son would be evicted from their Rancheria home. ^{cdlxxix cdlxxx}								
17 December 2013	1	Renown Regional Medical Center in Reno, Nevada	Alan Oliver Frazier (51/M)	1 dead; 2 wounded	3	Shotgun (pistol- grip, 12-gauge); 2 handguns (Derringer-style pistol and a .40- caliber handgun)	Other	Same Day	Suicide
	Alan Oliver Frazier opened fire in the waiting room of the urology department at a medical center, killing one and wounding two. Frazier walked through the halls looking for doctors to target, telling patients they had to leave or he would shoot them. When confronted by police, Frazier took his own life. A suicide note found later claimed that Frazier had suffered a botched surgery and blamed the doctors for his physical ailments. ^{cdlxxxicdlxxxii}								

1 November 2013	1	Los Angeles International Airport in Los Angeles, California	Paul Anthony Ciancia (23/M)	1 dead; 7 wounded	1	Rifle (.223-caliber Smith & Wesson M&P- 15-rifle)	None	Same Day	Force
	Paul Anthony Ciancia opened fire at the security gates of Terminal 3 in the Los Angeles International Airport, killing one and wounding five. Ciancia targeted Transport Security Administration agents in the shooting spree and carried a note making death threats against airport security employees. Ciancia had sent text messages expressing suicidal thoughts to his family in New Jersey before the shooting. Police were asked to conduct a welfare check on Ciancia in his Los Angeles apartment, but he was not home. <small>cdlxxxiii cdlxxxiv</small>								
26 October 2013	1	Streets of Albuquerque, New Mexico	Christopher Thomas Chase (35/M)	0 dead; 4 wounded	1	Rifle	None	Same Day	Force
	Christopher Thomas Chase opened fire on police after telling bystanders to call 9-1-1 in an apparent effort to draw the police to him. He took a patrol vehicle and a car chase ensued. Chase continued to fire on police, wounding three officers and one County sheriff's deputy. He was eventually shot and killed by police. His autopsy showed he had marijuana, methamphetamines, cocaine, and opiates in his bloodstream. He also had the words "Cop killer" tattooed on his knuckles. <small>cdlxxxv cdlxxxvi</small>								
16 September 2013	1	Washington Navy Yard in Washington D.C.	Aaron Alexis (34/M)	12 dead; 8 wounded	2	Rifle (AR-15 assault rifle); shotgun (12-gauge); handgun (9mm semiautomatic pistol)	Professional	Same Day	Force
	Aaron Alexis entered a navy yard and opened fire, killing twelve people and wounding three. Alexis worked as a military subcontractor, which is how he gained access to the area. After shooting two outside the Sea Systems Command headquarters, Alexis entered the building and shot his victims from a gallery overlooking a cafeteria. He had previously expressed dissatisfaction with the pay he received. <small>cdlxxxvii cdlxxxviii cdlxxxix</small>								
5 August 2013	1	Ross Township Municipal Building in Saylorsburg, Pennsylvania	Rockne Warren Newell (59/M)	3 dead; 2 wounded	2	Shotgun; Handgun	Other	Same Day	Force

	Rockne Warren Newell opened fire on the Ross Township Municipal Building in Saylorsburg, Pennsylvania from the parking lot of the building before moving inside. He fired shots with a scoped long gun first and then went back to his vehicle to retrieve a handgun. Upon entering the Municipal Building, he was subdued by a bystander. ^{cdxccdxcici}								
26 July 2013	1	Apartment Complex in Hialeah, Florida	Pedro Vargas (42/M)	6 dead; 0 wounded	1	Handgun (9mm Glock)	Other	Same Day	Force
	Pedro Vargas opened fire in his apartment complex, killing two building managers who arrived to investigate a fire he had started in his home. He then shot 10-20 rounds at paramedics and police who had arrived on the scene, killing a passerby but missing the officers. He then entered another neighbor's apartment, killing three inside. Taking two hostages, he continued firing on the police and was shot and killed in the exchange. The hostages were rescued unharmed. Before the attack, Vargas called the police and asked the dispatcher to run a license plate stating he was being followed. He told the dispatcher that people following him were threatening to do witchcraft on him. Vargas had admitted to harassing and threatening former co-workers online during a deposition. ^{cdxcici cdxciii cdxciv}								
21 June 2013	2	Kellum Law Firm and Walmart Parking Lots in Greenville, North Carolina	Lakim Anthony Faust (23/M)	0 dead; 4 wounded	1	Shotgun (pistol-grip)	None	Same Day	Force
	Lakim Anthony Faust opened fire on a man in a parking lot of a law firm, wounding him, then crossed five lanes of traffic to continue the attack in a Walmart parking lot, wounding another three people. Faust was shot and wounded by police after refusing to surrender. ^{cdxcv cdxcvi}								

7 June 2013	6	Home in Santa Monica, California; outside the Santa Monica home; Streets of Santa Monica (approx. three locations); Santa Monica College, California	John Zawahri (23/M)	5 dead; 4 wounded	2	Rifle (AR-15 semiautomatic); Handgun (Remington Model 1858 revolver)	Familial	Same Day	Force
	John Zawahri opened fire in his home, killing his father and brother and subsequently set fire to the house. He shot and wounded a woman in a car outside his home, then hijacked another car and ordered his hostage to drive to Santa Monica College, shooting randomly at two locations then at a city bus on the way there, wounding three women on the bus. At the campus, he shot and killed two and wounded another. He was eventually gunned down by police near the library. Zawahri had a history of mental illness. ^{cdxcvii cdxcviii}								
26 May 2013	5	A motel in Jacksonville, North Carolina near Camp LeJeune, and streets in the towns of Eden, Brady, and Eola, Texas	Esteban Jimenez Smith (23/M)	1 dead; 5 wounded	2	Rifle; Handgun	None	Same Day	Force
	Marine Lance Cpl. Esteban Jimenez Smith opened fire from inside a pickup truck in Eden, Texas, wounding one. He then drove to a convenience store in Brady, Texas, and shot and wounded two more victims. He drove back to Eden and fired on another vehicle, wounding one. Heading north, Smith drove to Eola and killed one woman. Smith was stopped by authorities on US Highway 83 north of Eden. He exchanged gunfire with authorities, wounding a sheriff, before being killed in the shootout. About a day earlier, Smith had stabbed his wife to death in a motel room in Jacksonville, NC, outside Camp LeJeune. ^{cdxcixd}								

21 April 2013	1	Pinewood Village Apartments in Federal Way, Washington	Dennis Clark III (27/M)	4 dead; 0 wounded	2	Handgun (.40 caliber Taurus semi-automatic pistol); Shotgun (pistol-grip Mossberg 500 pump shotgun)	Other	Same day	Force
	Dennis Clark III opened fire in his apartment, killing his girlfriend. In the parking lot, he shot and killed two men. A neighbor and witness to the parking lot shooting was killed when Clark allegedly shot him through the door of his apartment. Clark was shot by police after refusing to lay down his weapon. Previous to the incident, Clark's past girlfriends had reported domestic disputes but Clark was never arrested because no assault charges had been filed. Authorities believe the other victims were targeted for being witnesses. ^{diid}								
16 October 2012	24	Multiple roads and highways in Wixom, Michigan	Raulie Wayne Casteel (43/M)	0 dead; 1 wounded	Unknown	Unknown	None	November 6, 2012	No force
	Raulie Wayne Casteel repeatedly opened fire on drivers and pedestrians on different stretches of a highway in Michigan. The attacks occurred over the course of three weeks. Reports state that Casteel often fired from his car. ^{diid}								
5 August 2012	1	Sikh Temple of Wisconsin in Oak Creek, Wisconsin	Wade Michael Page (40/M)	6 dead; 4 wounded	1	Handgun (9-millimeter semi-automatic)	None	Same day	Suicide
	Wade Michael Page opened fire in a Wisconsin Sikh temple, killing six people and wounding three others. Page fatally shot himself after wounding one responding officer. Reports state that Page belonged to multiple white supremacist groups. ^{div}								
16 July 2012	2	Copper Top bar in Tuscaloosa, Alabama and a private apartment in Northport, Alabama	Nathan Van Wilkins (44/M)	0 dead; 18 wounded	1	Rifle	None	Same day	No force

	Nathan Van Wilkins opened fire at a bar in Tuscaloosa, Alabama. Reports state that he fired through the windows and door of the bar, wounding 17 people. He was also charged with an unrelated shooting that took place earlier in the evening. Though he later told police that he hoped that officers would kill him, he surrendered to police. ^{dv dvi}								
7 April 2012	3	Tulsa, Oklahoma	Jake England (19/M); Alvin Watts (33/M)	3 dead; 2 wounded	Unknown	Unknown	None	Same day	No force.
	Jake England and Alvin Watts opened fire on three different groups of people in Tulsa, Oklahoma, killing three and wounding two others. The three shootings occurred within one mile of each other. Authorities believed the shooters selected their victims based on race. ^{dvii dviii}								
8 March 2012	1	University of Pittsburgh Medical Center in Pittsburgh, Pennsylvania	John Shick (30/M)	1 dead; 5 wounded	2	Handguns	None	Same day	Force
	John Shick opened fire in a psychiatric clinic, killing one person and wounding five others before being fatally shot by police. Reports state that Shick had previously been a patient at the psychiatric clinic and had threatened employees with a bat twice after being discharged. ^{dix dx}								
2 December 2011	1	Metropolitan Transit Authority bus Q111 in Jamaica, Queens, New York	Damel Burton (34/M)	1 dead; 1 wounded	1	Handgun (9- millimeter semi- automatic)	None	Same day	Force
	Damel Burton opened fire on a bus in Jamaica, Queens, killing one person and wounding one other. Prior to the bus attack, Burton fatally shot his girlfriend's son at their apartment. ^{dxii}								
13 December 2011	1	Office of Judge Gary Cottrell in Crawford County, Arkansas	James Ray Palmer (48/M)	0 dead; 1 wounded	2	Handguns (semi- automatic); Rifle (semi-automatic)	None	Same day	Force
	James Ray Palmer opened fire in a judge's office in Arkansas, wounding one person. Reports state Palmer was equipped with a tactical vest that enabled him to carry additional ammunition. Officers later discovered timed incendiary devices in his home. ^{dxiii dxiv}								

23 January 2011	1	Police Precinct (6 th) in Detroit, Michigan	Lamar D. Moore (38/M)	0 dead; 4 wounded	1	Shotgun	None	Same day	Force
	Lamar Deshea Moore opened fire in a Michigan police precinct, injuring four officers before being fatally shot by police. Moore was being investigated for the kidnapping and sexual assault of a teenage girl. ^{dxv dxvi}								
4 October 2010	5	Gainesville neighborhood, Florida	Clifford Miller Jr. (24/M)	1 dead; 5 wounded	1	Handgun (.38-caliber revolver)	Familial	Same day	Suicide
	Clifford Miller Jr. opened fire throughout his neighborhood during a 13-minute shooting spree, killing his father and wounding five others. He then committed suicide. ^{dxvii dxviii}								
19 April 2010	1	Parkwest Medical Center in Knoxville, Tennessee	Abdo Ibssa (38/M)	1 dead; 2 wounded	1	Handgun (.357-caliber magnum revolver)	Professional	Same day	Suicide
	Abdo Ibssa opened fire in the Parkwest Medical Center parking lot, killing one hospital employee and wounding two others. Reports state that Ibssa, who had a history of mental illness, was convinced that a monitoring device had been implanted in him during an appendectomy in 2001. ^{dxix dxx}								
4 January 2010	1	Federal District Courthouse in Las Vegas, Nevada	Johnny Lee Wicks (66/M)	1 dead; 1 wounded	1	Shotgun	None	Same day	Force
	Johnny Wicks opened fire in the lobby of a federal courthouse, killing a security officer and wounding a deputy United States Marshal. Wicks was fatally shot by police. Reports state that the gunman was disgruntled over a reduction in his Social Security benefits ^{dxxi dxxii}								
5 November 2009	1	Fort Hood Soldier Readiness Center in Killeen, Texas	Nidal Malik Hasan	13 dead; 31 wounded	2	2 handguns (one FN Herstal 5.7 tactical semi-automatic and one .357-magnum Smith & Wesson revolver)	Professional	Same day	Force

	Nidal Malik Hasan, an Army psychiatrist, opened fire at the Fort Hood army base, killing 13 people and wounding 31 others. ^{dxiii dxiv}								
2 July 2009	1	Family Dental Care Center in Simi Valley, California	Jaime Paredes (29/M)	1 dead; 3 wounded	1	Rifle	Familial	Same day	No force
	Jamie Paredes opened fire at a dental office, killing his wife and wounding three other people. Reports state that Paredes was distraught about his wife seeking a divorce. ^{dxv dxvi dxvii}								
1 July 2009	1	U.S. Army Recruiting Booth in Little Rock, Arkansas	Abdulahkim Mujahid Muhammed (23/M)	1 dead; 1 wounded	2	Rifle (.22-caliber); Handgun	None	Same day	Force
	Abdulahkim Mujahid Muhammad opened fire outside an Army recruiting booth, killing a soldier and wounding another. Reports state that Muhammad targeted soldiers because of U.S. policies toward the Muslim world. ^{dxviii}								
17 April 2009	1	Long Beach Memorial Medical Center in Long Beach, California	Mario Ramirez (50/M)	1 dead; 1 wounded	2	Handguns	Professional	Same day	Suicide
	Mario Ramirez opened fire at the hospital where he worked, killing his boss and wounding another person. He then committed suicide. ^{dxix dxx}								
29 March 2009	1	Pinelake Health and Rehab Center in Carthage, North Carolina	Robert Stewart (45/M)	8 dead; 4 wounded	1	Shotgun	None	Same day	Force
	Robert Stewart opened fire at a nursing home, killing seven elderly residents and a nurse, and wounding four other people. ^{dxxi}								
21 March 2009	1	Police station in Oakland, California	Lovelle Mixon (26/M)	4 dead; 1 wounded	2	Rifle (AK-47); Handgun (semi-automatic)	None	Same day	Force
	Lovelle Mixon opened fire near a police substation, killing four police officers and wounding another. Mixon was on parole at the time of the attack. ^{dxxii dxxiii}								

14 February 2009	1	Lakeside Memorial Hospital in Brockport New York	Frank Garcia (35/M)	2 dead; 0 wounded	1	Handgun (.40- caliber Glock)	Professional	Same day	No force
	Frank Garcia opened fire at his former workplace, killing a nurse and a bystander. Reports state that Garcia, who worked at the hospital as a nursing supervisor before being fired, was angry at co-workers who had accused him of sexual harassment. Earlier in the day, Garcia also killed another former co-worker and her husband in their home. ^{dxlxi dxlii}								
27 July 2008	1	Tennessee Valley Unitarian Church in Knoxville, Tennessee	Jim D. Adkisson (58/M)	2 dead; 7 wounded	1	Shotgun (12- gauge)	None	Same day	Force
	Jim D. Adkisson opened fire at a church during a children's performance of the musical "Annie," killing two people and wounding seven others. Adkisson, an anti-liberal activist, left a suicide note in his car explaining his motives for the attack. ^{dxlxi dxlii dxliii}								
7 February 2008	1	City Hall in Kirkwood, Missouri	Charles Lee Thornton (50/M)	5 dead; 2 wounded	2	Handguns (one .357-magnum)	None	Same day	Force
	Charles Lee "Cookie" Thornton opened fire on Kirkwood's City Council, killing five people and wounding two others. Thornton began his attack by fatally shooting a police sergeant outside City Hall. He then grabbed the sergeant's gun, and continued his shooting spree inside the council chambers. Reports state that Thornton had a history of disputes with the city government and had been arrested twice at council meetings prior to the attack. The gunman left a suicide note. ^{dxlxi dxlii dxliii}								
20 May 2007	2	Latah County Courthouse and First Presbyterian Church in Moscow, Idaho	Jason Hamilton (37/M)	2 dead; 2 wounded	2	Rifles (one Springfield M-1A and one AK-47)	None	Same day	Suicide
	Jason Hamilton opened fire at a courthouse, killing a police officer and wounding a sheriff's deputy and a bystander. Hamilton then killed a caretaker in a nearby church. ^{dxlii dxliii dxliiv}								

9 May 2005	1	Conrad Community Service Center in San Francisco, California	Gregory Gray (54/M)	1 dead; 0 wounded	1	Shotgun	Professional	Same day	Force
	Gregory Gray opened fire at his former workplace, killing a former coworker. An employee tackled and subdued Gray as he reached for his second gun. Gray was fired from the mental health center a year prior to the attack. ^{dxlv}								
25 February 2005	1	Bureau of Street Services maintenance yard in Los Angeles, California	Unknown (unknown/M)	2 dead; 0 wounded	1	Rifle (AK-47)	Professional	Same day	No force.
	A gunman opened fire at his workplace, killing his boss and another employee. The maintenance worker began his attack after being reprimanded for arriving late to work. ^{dxlvi dxlvii}								
6 November 2003	1	Watkins Motor Lines in West Chester, Ohio	Tom West (50/M)	2 dead; 3 wounded	2	Handguns	Professional	Same day	Force
	Tom West opened fire at his former workplace, killing two people and wounding three others ^{dxlviii}								
7 October 2003	1	Alvin C. York Veterans Affairs Medical Center in Murfreesboro, Tennessee	Michal Gardner (50/M)	0 dead; 0 wounded	1	Shotgun	Professional	Same day	No force
	Michael Gardner opened fire at his workplace, targeting employees and responding police officers. The attack resulted in zero casualties. Gardner surrendered when law enforcement arrived on scene. Gardner had been taking medication for mental health issues at the time of the attack. ^{dxlix dl}								

5 October 2003	1	Turner Monumental AME Church in Atlanta, Georgia	Sheila W. Chaney Wilson (43/F)	2 dead; 0 wounded	1	Handgun (.44- caliber)	Familial	Same day	Suicide
	Sheila W. Chaney Wilson opened fire at an Atlanta church before Sunday morning services, killing her mother and the minister. She then committed suicide. Wilson had recently been taken out of a mental health facility. ^{dlii dliii}								
23 July 2003	1	City Hall in New York, New York	Othniel Askew (31/M)	1 dead; 0 wounded	1	Handgun (.40- caliber Smith & Wesson)	Professional	Same day	Force
	Othniel Askew opened fire at City Hall in New York City, killing a city councilman. Askew was a political rival of the victim. Authorities found extra cartridges in the Askew's socks. ^{dliiii}								
2 October 2002	14	Washington, D.C. metro area	John Allen Muhammad (42/M); Lee Boyd Malvo (16/M)	10 dead; 3 wounded	2	Rifle (Bushmaster XM-15); handgun (.223- caliber)	None	October 22, 2002	Force
	John Allen Muhammad and Lee Boyd Malvo opened fire on random targets during a three-week sniper rampage along Interstate 95 around the Virginia and Washington, D.C. Metro area. ^{dliiv dlv}								
8 July 2002	1	Louis Armstrong International Airport in New Orleans, Louisiana	Patrick Gott (43/M)	1 dead; 1 wounded	1	Shotgun	None	Same day	Force
	Patrick Gott opened fire in the Louis Armstrong International Airport, killing one person and wounding another. Reports state that Gott, a former Marine, was angry about bystanders ridiculing his turban. ^{dlvii dlviii}								
4 July 2002	1	Los Angeles International Airport in Los Angeles, California	Hesham Mohamed Hadayet (41/M)	2 dead; 4 wounded	1	Handgun (.45- caliber)	None	Same day	Force

	Hesham Mohamed Hadayet opened fire at Los Angeles International Airport, killing two people and wounding four others. Hadayet began his attack while standing in line at the ticket counter of Israel's El-Al Airlines. ^{dlviii}								
9 September 2001	2	City equipment yard and City marina in Sacramento, California	Joseph Ferguson (20/M)	5 dead; 2 wounded	2	Rifle (AK-47); 1 Handgun (9-millimeter)	Professional	September 20, 2001	Suicide
	Joseph Ferguson opened fire at his workplace, killing five people, including his girlfriend, and wounding two others. The attack occurred a week after Ferguson had been suspended from his job as a security guard. During the 24-hour incident, Ferguson took hostages and left behind a suicide video explaining the motives behind his attack. The attack concluded when Ferguson committed suicide amidst a standoff with police. ^{dlxix dlx dlxi dlxii}								
23 July 2001	1	Construction site in Palm Beach Gardens, Florida	Keith James Adames (28/M)	1 dead; 1 wounded	1	Rifle (AK-47)	Professional	Same day	No force
	Keith Adams opened fire at a construction site where he was employed, killing a co-worker and wounding another. Police recovered more than 80 live rounds from Adam's truck. ^{dlxiii dlxiv}								
30 December 1999	1	Radisson Bay Harbor Hotel in Tampa, Florida	Silvio Iquierdo-Leyva (38/M)	5 dead; 3 wounded	2	Handguns (one-millimeter semi-automatic and one .38-caliber revolver)	Professional	Same day	Force
	Silvio Izquierdo-Leyva opened fire at the Radisson Hotel where he was employed, killing four co-workers and wounding three others. Izquierdo-Leyva then killed a fifth person who would not give him her car. ^{dlxv dlxvi}								
4 November 1999	1	Northlake Shipyard in Seattle, Washington	Kevin Cruz (29/M)	2 dead; 2 wounded	1	Handgun (9-millimeter semi-automatic)	Professional	Same day	Force
	Kevin Cruz opened fire at a shipyard, killing two people and wounding two others. Cruz fled the scene and was arrested months later. ^{dlxvii dlxviii dlxix}								

14 September 1999	1	West Anaheim Medical Center in Anaheim, California	Dung Trinh (43/M)	3 dead; 0 wounded	2	Handgun (revolver); handgun (revolver)	Other	Same day	Force
	Dung Trinh opened fire at a hospital, killing three employees. He was disarmed by an employee of the hospital. Reports state that Trinh was distraught over his mother's death and intended to kill his mother's nurse. ^{dlxx dlxxi dlxxii}								
12 August 1999	1	Jewish Community Center in Los Angeles, California	Buford O'Neal Furrow, Jr. (38/M)	1 dead; 5 wounded	3	Rifle (AR-15); Submachine gun (Uzi); Handgun (Glock 9-millimeter)	None	Same day	No force
	Buford O'Neal Furrow Jr. opened fire at a day care center in the North Valley Jewish Community Center, injuring five people. Furrow then shot and killed a letter carrier after leaving the community center. Furrow had an extensive criminal record prior to the attack. ^{dlxxiii dlxxiv dlxxv}								
15 April 1999	1	Temple Square Mormon Church in Salt Lake City, Utah	Sergei S. Barbain (70/M)	2 dead; 5 wounded	1	Handgun (.22-caliber)	None	Same day	Force
	Sergei Babarin opened fire at a Mormon library, killing two people and wounding five others. He was shot by police. Reports state that Barbarin, a diagnosed schizophrenic, had stopped taking his medication for several months leading up to the attack. ^{dlxxvi}								
24 July 1998	1	United States Capitol Building in Washington, D.C.	Russell E. Weston, Jr. (41/M)	2 dead, 1 wounded	1	Handgun (.38-caliber revolver)	None	Same day	Force
	Russell Eugene Weston Jr. opened fire at a security checkpoint at the United States Capitol, killing a police officer and wounding a tourist. Weston then fatally shot a plain-clothed detective stationed outside of Representative Tom Delay's office. Weston began his attack when a Capitol police officer confronted Weston about trying to avoid the metal detector. ^{dlxxvii dlxxviii}								
18 December 1997	1	Caltrans Maintenance Yard in Orange County, California	Arturo Reyes Torres (unknown/M)	4 dead; 2 wounded	1	Rifle (AK-47)	Professional	Same day	Force

	Arturo Reyes Torres opened fire at a California maintenance yard where he was formerly employed, killing four employees and wounding two others. The attack concluded when Torres was killed by police. He had recently been fired from the company for stealing. ^{dlxxix dlxxx dlxxxi}								
24 April 1996	1	Jackson Fire Department in Jackson, Mississippi	Kenneth Tornos (32/M)	4 dead; 0 wounded	4	3 handguns (one .45-caliber semi-automatic and one TEC-9 semi-automatic); Rifle (Mac 11)	Professional	Same day	Force
	Kenneth Tornos opened fire at the firehouse where he worked, killing four supervisors. He then engaged police in a shootout at a shopping center after leading the officers on a chase. Prior to the attack, Tornos killed his estranged wife in her home. ^{dlxxxii dlxxxiii}								
9 February 1996	1	Fort Lauderdale Beach in Fort Lauderdale, Florida	Clifton McCree (41/M)	5 dead; 1 wounded	2	Handguns (one revolver and one semi-automatic)	Professional	Same day	Suicide
	Clifton McCree opened fire in a trailer, killing five former colleagues and wounding another. Reports state that McCree, a former maintenance crew worker, was angry about being fired from his job for illegal drug use 14 months earlier. ^{dlxxxiv}								
7 December 1993	1	Long Island Railroad car to Hicksville, Garden City, New York	Colin Ferguson (37/M)	6 dead; 19 wounded	1	Handgun (9-millimeter Ruger)	None	Same day	Force
	Colin Ferguson opened fire in a crowded car on a Long Island Railroad train, killing six passengers and wounding 19 others. ^{dlxxxv dlxxxvi dlxxxvii}								

International Attacks at Office Buildings

Date	Number of Attack Locations	Location Information	Attacker Information	Casualties	Number of Weapons	Weapon Information	Closest Relationship to Victims	Date Attack Concluded	Resolution
7 January 2015	3	<i>Charlie Hebdo</i> office and sidewalk in Paris, France and street in Porte de Patin, France	Said Kouachi (M/34); and Cherif Kouachi (M/32)	12 dead; 11 wounded	Unknown	Rifle (assault); Handguns; Shotgun; Other (explosives); Other (vehicle)	None	January 9, 2015	Force
<p>Two brothers, Said and Cherif Kouachi, entered the office of <i>Charlie Hebdo</i>, a French satirical newspaper, in Paris, and opened fire. The two killed 12 and wounded 11 others within the office, on the sidewalk outside, and in Porte de Patin as they evaded capture. The attackers were apprehended after a standoff with police on January 9, in which the brothers detonated several small explosions and opened fire; the attackers were ultimately shot and killed in the ensuing gunfight. The brothers belonged to al-Qa'ida's branch in Yemen, which claimed responsibility for the attack.</p>									

International Attacks at Factories

Date	Number of Attack Locations	Location Information	Attacker Information	Casualties	Number of Weapons	Weapon Information	Closest Relationship to Victims	Date Attack Concluded	Resolution
27 February 2013	1	Kronospan wood-processing plant in Manznu, Switzerland	Viktor Berisha (M/42)	3 dead; 6 wounded	1	Handgun (pistol)	Professional	Same day	Suicide
Viktor Berisha opened fire in the canteen area of the Kronospan wood-processing plant in Manznu, Switzerland, killing four and injuring five others. Berisha was a long-time employee of the plant. <small>dxciij dxciiv dxciw</small>									

International Attacks at Open Commercial Locations

Date	Number of Attack Locations	Location Information	Attacker Information	Casualties	Number of Weapons	Weapon Information	Closest Relationship to Victims	Date Attack Concluded	Resolution
18 March 2016	3	McDonald's, Saturn Electronics Store, and Olympia Shopping Mall in Munich, Germany	David Sonboly (M/18)	9 dead; 37 wounded	1	Handgun (semi-automatic)	None	Same day	Suicide
David Sonboly a.k.a. Ali Sonboly carried out a shooting attack in the area of the Olympia Shopping Mall in Munich, Germany, killing nine, and wounding 37 others. The attacker reportedly shouted "Allahu Akbar" during the course of the event. ^{dx cvi dx cvii}									
15 January 2016	3	Cappuccino restaurant, The Splendid Hotel, and the YIBI Hotel in Ouagadougou, Burkina Faso	Unknown (F/Unknown); Unknown (F/Unknown); Unknown (M/Unknown); Unknown (M/Unknown); Unknown (Unknown/Unknown); Unknown (Unknown/Unknown); and one possible (Unknown/Unknown)	30 dead; 56 wounded	Unknown	Unknown	None	January 16, 2016	Force; Attacker Fled

	Six to seven attackers opened fire in the Cappuccino Restaurant and the Splendid Hotel in Ouagadougou, Burkina Faso. The attack continued after government forces broke the ensuing hostage situation in the Splendid Hotel, leading to an additional altercation with an attacker who had relocated to the nearby YIBI hotel. After the attacks, it was established that 30 were killed and at least 56 were wounded in these attacks; 176 hostages were released following government intervention at the Splendid Hotel. This attack was claimed by al-Qa'ida in the Islamic Maghreb (AQIM) and Al-Mourabitoun. ^{dxcviii dxcix}								
13 November 2015	1	Bataclan Theatre in Paris, France	Omar Ismail Mostefai (M/29); Samy Amimour (M/28); Foued Mohamed-Aggad (M/23)	89 dead; unknown wounded ¹	Unknown	Rifle (assault); Other (explosives)	None	Same day	Suicide
A series of coordinated terror attacks took place in Paris, France and the city suburb of Saint-Denis, beginning with three suicide attacks outside of the Stade de France in Saint-Denis. This attack was followed by several shooting events and a suicide bombing at cafés, restaurants, and a concert in Paris. ISIS claimed responsibility for the attacks. This entry breaks out the shooting event in which three gunmen opened fire at an Eagles of Death Metal concert at the Bataclan Theatre ^{dc dci dcii dciii}									
18 March 2015	1	Bardo National Museum in Tunis, Tunisia	Yassine Labidi (M/unknown); Saber Khachnaoui (M/unknown); Unknown (M/unknown)	21 dead; 50 wounded	Unknown	Rifle (assault); Other (explosives)	None	Same day	Force
Three ISIS militants opened fire in the Bardo National Museum in Tunis, Tunisia. Twenty-one individuals, predominantly tourists, were killed in the attack and approximately 50 were injured. Two of the gunmen were killed at the scene, and one has yet to be apprehended. ^{dciv dcv dcvi}									

¹ Due to the size of the string of attacks in Paris on November 13, media outlets did not separately break out the number of wounded from the overall total of injuries for all combined events. Overall, the string of attacks killed 129 people and 368 were injured.

9 January 2015	1	Hypercacher Kosher Supermarket, Paris, France	Amedy Coulibaly (M/32)	4 dead; 9 wounded	2	Handgun; Submachinegun	None	Same day	Force
	Amedy Coulibaly opened fire on individuals at the Hypercacher Kosher Supermarket in Paris, France, and subsequently took several hostages. During the attack, Coulibaly recorded the scene for seven minutes using a GoPro camera attached to his torso, and emailed the footage using a computer at the supermarket. Coulibaly also spoke to the press during hostage negotiation process, stating that he targeted Jewish individuals at the Kosher grocery store intentionally; he had previously expressed his allegiance to ISIS. ^{dcvii dcviii dcix dcx}								
24 May 2014	1	Jewish Museum of Belgium in Brussels, Belgium	Mehdi Nemmouche (M/29)	4 dead; 0 wounded	2	Rifle (assault); Handgun	None	Same day	No force
	Mehdi Nemmuuche carried out a shooting attack at the Jewish Museum of Belgium in Brussels, killing four people. He had been radicalized in prison and fought on behalf of ISIS in Syria prior to the attack. ^{dcxi dcxii dcxiii}								
21 September 2013	1	Westgate Shopping Mall in Nairobi, Kenya	Hassan Abdi Dhuhulow, a.k.a. Abu Baara al- Sudani (M/ 22 or 23). Ahmed Hassan Abukar a.k.a. Khattab al-Kene (M/Unknown); Mohammed Abdinur Said a.k.a. Umayr al-Mogadis (M/Unknown); Yahya Ahmed Osman, a.k.a. Omar Abdul	64 dead; 175 wounded	Unknown	Rifles (assault); Other (explosives)	None	Same day	Force; Attacker fled

			Rahim Nabhan; Possible others						
	In Nairobi, al-Shabab militants entered a mall in a coordinated attack from different entrances and opened fired on mall patrons. Sixty-seven people were killed and between 170 and 200 were wounded. These attackers barricaded all exits so it was close to impossible to enter or exit the shopping mall. After a four day siege, four attackers were gunned down. Eye-witnesses reported that some of the attackers deliberately targeted non-Muslims, allowing Muslim shoppers to flee. During the siege, al-Shabab militants used Twitter to narrate the events, while Kenyan authorities used the social media platform in an attempt to gain first-hand information from those still trapped inside the mall. The number of dead and wounded, as well as the number of attackers are still contested in media reporting. ^{dcxiv dcxv dcxvi}								
22 April 2013	2	Okhota gun store and sidewalk in Belograd, Russia	Sergei Pomazin (M/31)	6 dead; 1 wounded	2	Rifle (semi- automatic); Knife	None	April 23, 2013	Force
	Sergei Pomazun opened fire on several people at a gun store and on the sidewalk outside, killing all six people whom he shot. He stabbed and seriously injured a police officer that was involved in his capture on April 23. At his trial, Pomazun claimed that the attack was not premeditated. ^{dcxvii dcxviii}								
13 December 2011	2	Piazza Dalmazia in Florence, Italy; San Lorenzo market in Florence	Gianluca Casseri (50/M)	2 dead; 3 wounded	1	Handgun	None	Same day	Suicide
	Gianluca Casseri, an Italian accountant, opened fire on Senegalese street vendors in Florence, Italy, killing two people and wounding another. Casseri then traveled to a second market where he shot and wounded two more people before committing suicide. ^{dcxix}								

30 August 2010	1	Devinska Nova Ves District in Bratislava, Slovakia	Lubomir Harman (48/M)	7 dead; 15 wounded	3	2 handguns; Submachine gun	Other	Same day	Suicide
	Lubomir Harman opened fire in his neighbor's apartment, killing six people. Harman then left the apartment and indiscriminately opened fire on bystanders in the street, killing one person and wounding 15 others. Reports state that Harman may have been motivated by racism, as well as loud noise emanating from the neighbor's apartment. ^{dcxx dcxxi}								
2 June 2010	6	Cumbria, England, United Kingdom	Derrick Bird (52/M)	12 dead; 11 wounded	2	Shotgun; Rifle	Familial	Same day	Suicide
	Derrick Bird opened fire during a three-hour shooting spree, killing 12 people and wounding 11 others. Bird began his attack by shooting his twin brother, family lawyer and three fellow taxi drivers. He then drove across Cumbria County, firing randomly at bystanders and occasionally pulling over to shoot more victims. . ^{dcxxii dcxxiii dcxxiv}								
13 December 2011	1	Saint-Lambert Square in Liege, Belgium	Nordine Amrani (33/M)	6 dead; 125 wounded	6	Rifle; Handgun; 4 other	None	Same day	Suicide
	Nordine Amrani opened fire and threw four stun grenades into a crowd at Saint-Lambert square in Liege, Belgium, killing six people and wounding 125 others. Reports state that Amrani concealed his weapons in his bag to avoid detection. Prior to his attack in the Square, Amrani fatally shot a cleaning woman in his home. ^{dcxxv dcxxvi}								
9 April 2011	1	Millard Ridderhof Mall, Alphen aan den Rijn, Netherlands	Tristan van der Vlis (24/M)	6 dead; 17 wounded	3	Rifle (semi-automatic); 2 handguns	None	Same day	Suicide
	Tristan van der Vlis opened fire at a mall in the Netherlands, killing six people and wounding 17 others. Van der Vlis, who had a history of mental illness, fired over 100 rounds before committing suicide. ^{dcxxvii dcxxviii}								

26 November 2008	10	Cama Hospital; Rail Terminus; Leopold Café; Mumbai Chabad House; Oberoi Trident Hotel; Taj Mahal Hotel in Mumbai, India	Ajmal Kasab (21/M); Ismail Khan (25/M); Hafiz Arshad (23/M); Javed (22/M); Shoaib (21/M); Nazir (28/M); Nasr (23/M); Babr Imran (25/M); Abdul Rahman (21/M); Fahad Ullah (23/M)	188 dead; 372 wounded	Unknown	Handgun; 2 rifles (semi-automatic)	None	November 29, 2008	Force
	10 militants launched a series of coordinated shooting and bombing attacks throughout Mumbai, killing 188 people and wounding 372 others. The attackers were trained in Pakistan by the Islamic terrorist group, Lashkar-e-Taiba. Nine of the assailants were killed during the standoff with law enforcement. ^{dcxxxix dcxxx}								
28 April 1996	1	Broad Arrow Café and Port Arthur in Tasmania, Australia	Martin Bryant (28/M)	35 dead; 21 wounded	2	2 rifles (semi- automatic)	None	April 29, 1996	Force
	Martin Bryant opened fire during an extended shooting spree, killing 35 people and wounding 21 others. Bryant began the attack by stabbing the owner of a Seascope guest accommodation site. He then entered the Broad Arrow café and shot 20 people dead in a span of 15 seconds. The gunman continued to open fire on the crowd outside of the café as well as under a tour bus where tourists were hiding for cover. Bryant then escaped in a car, shooting pedestrians and vehicle passengers along the way. Following the shooting spree, Bryant took a man hostage and entered a Seascope guest house, where authorities negotiated with Bryant for six hours until his phone battery died. Bryant was captured the next morning. ^{dcxxxi dcxxxii}								
17 August 1991	1	Strathfield Shopping Plaza in Strathfield, Australia	Wade Frankum (33/M)	6 dead; 8 wounded	2	Rifle (AK-47); Other	None	Same day	Suicide
	Wade Frankum opened fire in a shopping mall, killing six people and wounding eight others. ^{dcxxxiii}								

8 December 1987	1	Post Office in Melbourne, Australia	Frank Vitkovic (22/M)	8 dead; 0 wounded	1	Rifle (sawed-off)	None	Same day	Force
	Frank Vitkovic opened fire on three floors at a post office, killing eight people ^{dcxxxiv dcxxxv}								
19 August 1987	2	Wiltshire and Hungerford in Berkshire, United Kingdom	Michael Ryan (27/M)	16 dead; 15 wounded	4	Rifle (Kalashnikov); Rifle (automatic); Handgun (Beretta); Other	Familial	Same day	Suicide
	Michael Ryan opened fire during a shooting spree, killing 16 people and wounding 15 others. Ryan's attack began in Wiltshire where he shot a woman in a forest and a cashier at a gas station. The assailant then killed his mother and fired indiscriminately on bystanders as he drove to a busy shopping area. Ryan committed suicide shortly after the attack. ^{dcxxxvi dcxxxvii dcxxxviii}								

International Attacks at Schools

Date	Number of Attack Locations	Location Information	Attacker Information	Casualties	Number of Weapons	Weapon Information	Closest Relationship to Victims	Date Attack Concluded	Resolution
11 March 2012	4	Ozar Hatorah School, a gymnasium, and The attacker's apartment in Toulouse, France; shopping center in Montauban, France	Mohamed Merah (23/M)	7 dead; 5 wounded	2	Handguns (.45-caliber handgun; .35-caliber handgun)	None	March 22, 2012	Force
<p>Mohamed Merah opened fire at three locations in France over the course of eight days, killing seven people and wounding five others. On March 11, Merah killed an off-duty French paratrooper outside a gym in Toulouse. Four days later, Merah fired upon three off-duty French soldiers in Montauban, killing two and wounding one. On March 19, Merah killed three children and one adult outside a Jewish school in Toulouse. The perpetrator was killed and three officers were wounded during a two-day long police siege. Merah claimed to be a jihadist with ties to al-Qaeda.</p> <p><small>dcxxxix dcxl dcxli</small></p>									
7 April 2011	1	Tasso da Silveira Municipal School in Rio de Janeiro, Brazil	Wellington Menezes de Oliveira (24/M)	12 dead; 12 wounded	2	Handguns (.32-caliber revolver; .35 caliber revolver)	Academic	Same day	Suicide
<p>Wellington Menezes de Oliveir opened fire at his former middle school in Brazil, killing 12 students and wounding at least 12 others before committing suicide. Reports state that Oliveir was able to enter the building by telling school officials he sought to obtain a transcript.</p> <p><small>dcxliii dcxliv</small></p>									

11 March 2009	1	Albertville-Realschule Winnenden school in Winnenden, Germany	Tim Kretschmer (17/M)	15 dead; 9 wounded	1	Handgun	Academic	Same day	Suicide
	Tim Kretschmer opened fire at his high school in Germany, killing 15 people and wounding nine others. He then committed suicide. ^{dcxlv}								
23 September 2008	1	Kauhajoki School of Hospitality in Kauhajoki, Finland	Matti Juhani Saari (22/M)	10 dead; 0 wounded	1	Handgun (.22-caliber)	Academic	Same day	Suicide
	Matti Juhani Saari opened fire at his university in Finland, killing 10 people. He then committed suicide after setting a fire on campus. ^{dcxlv}								
6 March 2008	1	Mercuz Harav Yeshiva in Jerusalem, Israel	Alaa Abu Dhein (26/M)	8 dead; 11 wounded	1	Handgun	None	Same day	Force
	Alaa Abu Dhein opened fire in a crowded library at the Mercuz Harav Yeshiva in Jerusalem, killing eight teenage students and wounding 11 others. The gunman was killed in a gunfight between the assailant and Israeli security forces. ^{dcxlvii}								
7 November 2007	1	Jokela High School in Tuusula, Finland	Pekka-Eric Auvinen (18/M)	8 dead; 12 wounded	1	Handgun (.22-caliber)	Academic	Same day	Suicide
	Pekka-Eric Auvinen opened fire at his high school, killing seven students and a teacher and wounding 12 other people. Auvinen had previously posted a video on the internet stating he was going to “eliminate” everyone who he deemed “unfit.” ^{dcxlviii dcxlix}								
20 November 2006	1	Geschwister School in Erfurt, Germany	Sebastian Bosse (18/M)	0 dead; 5 wounded	3	Rifles (One small-bore and two sawed-off)	Academic	Sam day	Suicide
	Sebastian Bosse opened fire at his former high school, injuring five people. The gunman was armed with guns, pipe bombs and smoke bombs. Reports state that Bosse had left a suicide note prior to the attack and indicated his plans on an internet site. ^{dcl}								

13 September 2006	1	Dawson College in Montreal, Canada	Kimveer Gill (25/M)	1 dead; 19 wounded	1	Rifle	Academic	Same day	Suicide
	Kimveer Singh Gill opened fire on students in a Canadian college, killing one person and wounding 19 others. ^{dcli}								
28 September 2004	1	Middle school in Carmen de Patagones, Argentina	Rafael (15/M)	4 dead; 5 wounded	1	Handgun	Academic	Same day	Force
	A middle school student opened fire at his school, killing four students and wounding five others. ^{dclii dcliii dcliv}								
6 June 2003	1	Pak Phanang in Nakorn Srithammarat, Thailand	Anatcha Boonkwan (17/M)	2 dead; 4 wounded	1	Handgun	Academic	Same day	Force
	Anatcha Boonkwan opened fire in a school field, killing two people and wounding four others. Boonkwan targeted students gathering to listen to a campaign speech from a student body presidential candidate. He used a pistol that he stole from his father. ^{dclv dclvi}								
21 October 2002	1	Monash University in Melbourne, Australia	Huan Yun "Allen" Xiang (37/M)	2 dead; 5 wounded	1	Unknown firearm	Academic	Same day	Force
	Huan Yun Xiang opened fire in a Melbourne University classroom, killing two students and wounding five others. Reports state that before firing, Xiang, a fourth-year honors student, stood on his desk, pointed his gun at students and yelled, "you never understand me." ^{dclvii dclviii}								
29 April 2002	1	Vlasenica High School in Vlasenica, Bosnia- Herzegovina	Dragoslav Petkovic (17/M)	1 dead; 1 wounded	1	Handgun (7.65- millimeter)	Academic	Same day	Suicide
	Dragoslav Petkovic opened fire at his high school, killing one teacher and wounding another. ^{dclix}								

26 April 2002	1	Johann Gutenberg High School in Erfurt, Germany	Robert Steinhauser (19/M)	16 dead; 0 wounded	1	Handgun	Academic	Same day	Suicide
	Robert Steinhaeuser opened fire at a German high school, killing 13 teachers, two students, and a policeman. The attack lasted for 20 minutes. Steinhaeuser was expelled from the school prior to the attack. ^{dclx dclxi}								
19 February 2002	2	Factory in Eching, Germany; high school in Freising, Germany	Unknown (unknown/M)	3 dead; 1 wounded	At least 3	Unknown firearm; Others (explosive devices)	Professional	Same day	Suicide
	A gunman opened fire at a factory where he was formerly employed, killing two people. The gunman then opened fire at his former school, killing a headmaster and wounding a teacher. The assailant also detonated at least two homemade pipe bombs in the school. He had been expelled from the school prior to the attack. ^{dclxii dclxiii}								
7 December 1999	1	De Leijgraaf High School in Veghel, Netherlands	Unknown (17/M)	0 dead; 5 wounded	Unknown	Unknown firearm	Academic	Same day	No force
	A gunman opened fire at his high school, injuring five people. The gunman began targeting students in a hallway and a computer room. Reports state that the attack was fueled by a feud between the assailant's family and one of the victims' family. Prior to the attack, one of the victim's family members had asked police for protection from the assailant, but their request was denied. ^{dclxiv dclxv dclxvi}								
28 April 1999	1	W.R. Myers High School in Alberta, Canada	Todd Cameron Smith (14/M)	1 dead; 1 wounded	1	Rifle (.22-caliber)	Academic	Same day	Force
	Todd Smith, a high school drop-out, opened fire at his former high school, killing one person and wounding one other. Reports state that Smith's mother claimed her son was obsessed with violent movies and video games, endured incessant bullying by his peers and displayed signs of depression before the shooting. ^{dclxvii dclxviii}								

30 March 1997	1	Tala'l Private School and Musa Bin Nusayr School in Sanaa, Yemen	Mohammad Ahman al-Naziri (48/M)	8 dead; 14 wounded	1	Rifle (Kalishnikov)	Other	Same day	Force	Mohammad Ahman al-Naziri (also known as Hassan Ali al-Baadani) opened fire at two neighboring schools, killing eight people, including six children and wounding 14 others. The gunman claimed his daughter was raped by an administrator at one of the schools. ^{dclxix dclxx}
13 March 1996	1	Dunblane Primary School in Dunblane, Scotland, United Kingdom	Thomas Hamilton (43/M)	17 dead; 0 wounded	4	Handguns	Academic	Same day	Suicide	Thomas Hamilton opened fire at a primary school, killing 17 students and teachers. Hamilton was fired from his post as a Scout Master prior to the attack. ^{dclxxi}
20 October 1994	1	Brockton High School in Toronto, Canada	Ta Phu Cuong (27/M)	0 dead; 2 wounded	1	Rifle (sawed-off)	Academic	Same day	Force	Ta Phu Cuong opened fire at a high school, injuring two staff members. Reports state that Cuong was disappointed with his grades. ^{dclxxii dclxxiii}
24 August 1992	1	Concordia University in Quebec, Canada	Valery Fabrikant (52/M)	4 dead; 1 wounded	3	Handguns (one .38-caliber Smith & Wesson revolver, one 6.35-millimeter semiautomatic, and one 7.65-millimeter semiautomatic)	Professional	Same day	Force	Valery Fabrikant, a mechanical engineering professor, opened fired at Concordia University's Henry F. Hall Building, killing four colleagues and wounding another. Fabrikant barricaded himself in an office with two hostages who ultimately tackled and disarmed him. ^{dclxxiv dclxxv dclxxvi}

6 December 1989	1	Ecole Polytechnique in Quebec, Canada	Marc Lepine (25/M)	14 dead; 14 wounded	1	Rifle (Sturm Ruger brand rifle, mini-14 model)	Academic	Same day	Suicide
	Marc Lepine opened fire at a university, killing 14 people and wounding 14 others. Lepine began his attack by splitting up students in a classroom by gender and systematically shooting nine female students. He then targeted women in the corridors, cafeteria and classrooms. ^{dclxxvii}								
27 October 1975	1	St. Pius X High School in Ottawa, Canada	Robert Poulin (18/M)	1 dead; 5 wounded	1	Shotgun (sawed-off)	Academic	Same day	Suicide
	Robert Poulin opened fire in a classroom at St. Pius X High School, killing one person and injuring five others. Prior to the attack, Poulin raped and fatally burned a female teenager at his home ^{dclxxviii dclxxix}								
28 May 1975	1	Centennial Secondary School in Ontario, Canada	Michael Slobodian (16/M)	2 dead; 13 wounded	2	2 rifles (one .44-Magnum lever action and one .22-caliber)	Academic	Same day	Suicide
	Michael Slobodian opened fire at a secondary school, killing a teacher and a student and injuring 13 others. ^{dclxxx dclxxxi dclxxxii}								
15 May 1974	1	Netiv Meir School in Ma'at lot, Israel	Ali Ahmad Hasan al-Atmah (27/M); Ziyad Abdar-Rahim Ka'ik (22/M); Muhammad Muslih Salim Dardour (20/M)	26 dead; 70 wounded	Unknown	Rifle (AK-47); Other	None	Same day	Force
	Three terrorists from the Popular Front for the Liberation of Palestine opened fire at an elementary school in a series of attacks that killed 26 people and wounded 70 others. The assailants then took students hostage and demanded that Israel release political prisoners. Prior to attacking the school, the gunmen attacked a van, killed a family in an apartment and shot a bystander. They were ultimately killed by Israeli fire. ^{dclxxxiii dclxxxiv dclxxxv}								

International Attacks at “Other” Locations

Date	Number of Attack Locations	Location Information	Attacker Information	Casualties	Number of Weapons	Weapon Information	Closest Relationship to Victims	Date Attack Concluded	Resolution
26 June 2015	2	Beach in Sousse, Tunisia; Riu Imperial Marhaba Hotel in Sousse, Tunisia.	Seifiddine Rezgui Yacoubi, a.k.a. Abu Yahya al Qayrawani (M/23)	38 dead; 39 wounded	1	Rifle (assault)	None	Same day	Force
23 June 2014	2	Goseong, Gangwon province, South Korea, on the border with North Korea	Sergeant Yim (M/22)	5 dead; 8 wounded (including attacker)	2	Rifle (semi-automatic K2); Other (explosive)	Professional	June 25, 2014	Attempted Suicide
8 June 2014	1	Jinnah International Airport in Karachi, Pakistan	10 Unknown (Unknown/M)	At least 27 killed; “dozens” injured	Unknown	Rifles (automatic); Other (explosives)	None	June 9, 2014	Force; Suicide

	10 armed Pakistani Taliban gunmen wearing Airport Security Force uniforms entered Jinnah International Airport in Karachi, Pakistan. They began to attack and got into a gunfight with security officials. It is believed that the militants intended to hijack planes or hold the airport under siege. ^{dcxcii dcxciii}								
4 June 2014	1	Street in Moncton, New Brunswick, Canada	Justin Bourque (M/24)	3 dead; 2 wounded	Unknown	Unknown firearms	None	Same day	Force
	Justin Bourque shot and killed three Royal Canadian Mounted Police on the streets of Moncton, New Brunswick around 7:30pm. He wounded two other officers. Bourque then escaped into the woods and was found two days later by authorities. A 30-hour manhunt for Bourque resulted in his capture on June 6, 2014 and his arrest. Bourque is believed to hold anti-authority beliefs. ^{dcxciv dcxcv dcxcvi}								
29 September 2011	1	Santa Maria del Pina Church in Madrid, Spain	Ivan Berral Cid (34/M)	2 dead; 1 wounded	1	Handgun	None	Same day	Suicide
	Ivan Berral Cid opened fire at a church in Spain, killing one woman and wounding another before committing suicide. Reports state that the gunman concealed his weapon in a tennis racket cover and entered the church two hours before his attack to determine what time the evening mass started. ^{dcxcvii dcxcviii}								
22 July 2011	1	Workers' Youth League (AUF) in Utoya, Norway	Andrews Behring Breivik (32/M)	69 dead; 33 wounded	2	Handgun (9-millimeter semi-automatic); Rifle (.223 caliber semi-automatic)	None	Same day	No force
	Anders Behring Breivik opened fire at a youth camp in Norway, killing 69 people and wounding 33 others. Prior to the attack on the camp, during which he posed as a police officer, Breivik detonated a vehicle-borne improvised explosive device outside government offices in Oslo, killing eight people and wounding 207 others. ^{dcxcix dcc dcci}								
4 July 2011	1	Marine Corp. barracks on Gwanghwa Island in South Korea	Kim (19/M)	4 dead; 1 wounded	2	Rifle; Other (grenade)	Professional	Same day	Attempted Suicide
	A Marine Corps Corporal in South Korea, identified only as Kim, opened fire in his barracks, killing four people and wounding one other. Reports state that Kim then detonated a grenade in an attempt to commit suicide. ^{dccii dcciii}								

2 March 2011	1	Frankfurt International Airport in Frankfurt, Germany	Arid Uka (21/M)	2 dead; 2 wounded	1	Handgun (9-millimeter semi-automatic)	None	Same day	Force
	Arid Uka opened fire inside a U.S. military bus at Frankfurt International Airport, killing two airmen and wounding two others. Uka was an employee at the German airport. Uka claimed to have been radicalized by online jihadist videos. ^{dcciv dccv}								
19 September 2010	1	St. Elisabeth Hospital in Lorrach, Germany	Sabine Radmacher (41/F)	3 dead; 3 wounded	1	Handgun (.22-caliber)	None	Same day	Force
	Sabine Radmacher opened fire in the gynecology unit of St. Elisabeth Hospital in Germany, killing a nurse and wounding three other people, including a police officer. Radmacher killed her estranged husband and son at their apartment across the street minutes before the attack at the hospital. ^{dccvi dccvii}								
19 September 2010	1	Jama Masjid Mosque in New Delhi, India	Unknown (unknown/ M); Unknown (unknown/ M)	0 dead; 2 wounded	1	Handgun (automatic)	None	Same day	Attacker fled
	Two gunmen opened fire on tourists at a 17th century New Delhi mosque, wounding two people. ^{dccviii dccix}								
24 August 2010	1	Muna Hotel in Mogadishu, Somalia	Unknown (unknown/ unknown); Unknown (unknown/ unknown); Unknown (unknown/ unknown)	30-33 dead; 16 wounded	Unknown	Rifle (assault)	None	Same day	Suicide
	A group of three Al-Shabaab insurgents opened fire at the Muna Hotel in Somalia, killing roughly 30 people and injuring 16 others. The gunmen, who were disguised in government military uniforms, targeted bystanders, hotel staff and armed guards. The insurgents moved throughout different floors in the hotel during the attack. ^{dccx dccxi dccxii}								

7 May 2004	1	Liquiterminal Ltd. Trucking facility in Mississauga, Canada	Jean Delagrave	1 dead; 2 wounded	1	Unknown firearm	Professional	Same day	No force
	Jean Delagrave opened fire at his workplace, killing one person and wounding two others. Delagrave surrendered to law enforcement shortly after the shooting. ^{dccxiii dccxiv}								
27 March 2002	1	Nanterre Town Hall in Nanterre, France	Richard Durn (33/M)	8 dead; 19 wounded	2	Handguns (one semi-automatic and one .357 magnum)	None	Same day	Force
	Richard Durn opened fire at a meeting of councilors in Nanterre Town Hall, killing eight counselors and wounding 19 other people. Durn died the following day after leaping from a police station window during questioning. Police officers discovered a 13-page suicide note at Mr. Durn's home. ^{dccxv dccxvi dccxvii}								
17 November 1997	1	Temple of Hatshepsut in Deir el-Bahri, Egypt	Karam Mohammad Ismail (18/M); Essmat Erian (24/M); Mahmoud Ahmed Karim (23/M); Saeed Mohammed Shawaki (23/M); Medhat Abdel Rahman (32/M); unknown (unknown/unknown)	62 dead; 26 wounded	Unknown	Rifle; Handgun; Knife; Other	None	Same day	Suicide
	Six gunmen opened fire at the ancient Temple of Queen Hatshepsut, killing 62 people, including 58 foreigners, and wounding 26 others. Following the attack, the assailants' bodies were discovered in a cave in an apparent suicide. The Islamic Group and Jihad Talaat al-Fath claimed credit for the attack. ^{dccxviii dccxix}								

11 June 1994	1	Army base and public streets in Falun, Sweden	Mattais Flink (24/M)	7 dead; 0 wounded	1	Rifle (AK-5)	None	Same day	Force
	Mattias Flink, a police lieutenant, opened fire at an army base and on public streets, killing seven people. ^{dccxx dccxxi dccxxii}								
30 April 1989	1	Monkseaton in North Tyneside, United Kingdom	Robert Sartin (22/M)	1 dead; 14 wounded	1	Shotgun	None	Same day	Force
	Robert Sartin opened fire throughout the town of Monkseaton, killing one person and wounding 14 others. Sartin's 20-minute shooting spree concluded when he was cornered by police officers near a seafront. He stole his father's shotgun to carry out the attack. ^{dccxxiii dccxxiv}								
9 August 1987	1	Hoddle Street in Melbourne, Australia	Julian Knight (19/M)	7 dead; 19 wounded	3	Rifle (.22-caliber Ruger); Shotgun (12-gauge pump-action); Rifle (M14)	None	Same day	No Force
	Julian Knight opened fire on pedestrians and cars from atop a billboard platform, killing seven people and wounding 19 others. Knight was a failed army cadet. ^{dccxxv dccxxvi dccxxvii dccxxviii}								
27 December 1985	1	Leonardo da Vinci Airport in Rome, Italy	Unknown (unknown/unknown); Unknown (unknown/unknown); Unknown (unknown/unknown); Ibrahim Mohammed Khaled (unknown/M)	13 dead; 75 wounded	Unknown	Rifle; Other	None	Same day	Force
	Four gunmen belonging to the Abu Nidal Organization opened fire at the El-Al and Trans World Airlines ticket counters at Rome's Leonardo da Vinci Airport, killing 13 people and wounding 75 others. Italian police and Israeli security guards killed three of the gunmen and captured the fourth. The gunmen were armed with grenades and automatic rifles. ^{dccxxix dccxxx}								

27 December 1985	1	Schwechat Airport in Vienna, Austria	Unknown (unknown/ unknown); Unknown (unknown/ unknown); Unknown (unknown/ unknown); Unknown (unknown/ unknown);	3 dead; 30 wounded	Unknown	Submachine gun; Other	None	Same day	Force
	Three gunmen belonging to the Abu Nidal Organization opened fire at the El-Al ticket counter at Vienna's Schwechat Airport, killing three people and wounding 30 others. Austrian police killed one of the gunmen and captured the other two. ^{dccxxxi dccxxii}								
5 August 1973	1	Athens Airport in Athens, Greece	Sehud Muhammad (unknown/M); Talat Hussan (unknown/M)	3 dead; 55 wounded	2	Unknown firearm; Other	None	Same day	No force
	Sehud Muhammad and Talat Hussan opened fire and threw grenades in a crowded passenger lounge at Athens Airport, killing three people and wounding 55 others. The passengers in the lounge were about to board a flight for Israel. The Palestinian gunmen surrendered after taking 35 passengers hostage for two hours. ^{dccxxiii}								
29 May 1972	1	Lod International Airport in Airport City, Israel	Kozo Okamoto (24/M); Tsuyoshi Okudaira (unknown/M); Yasuyuki Yasuda (unknown/M)	26 dead; 72 wounded	2	Unknown firearm; Other	None	Same day	Force; Suicide
	Kozo Okamoto, Tsuyoshi Okudaira and Yasuyuki Yasuda opened fire on crowds at the Lod International Airport in Israel, killing 26 people and injuring 72 others. As the three Japanese gunmen arrived at the airport from Paris, they began randomly targeting victims using automatic guns and hand grenades. The Popular Front for the Liberation of Palestine recruited the gunmen from the Japanese Red Army. ^{dccxxiv dccxxv}								

Foiled Plots at Office Buildings

Date	Number of Attack Locations	Location Information	Attacker Information	Casualties	Number of Weapons	Weapon Information	Closest Relationship to Victims	Date Attack Concluded	Resolution
29 December 2010	1	Jyllands-Posten in Copenhagen, Denmark	Unknown (44/M); Unknown (29/M); Unknown (30/M); Unknown (26/M); Unknown (37/M)	N/A	2	Submachine gun; Handgun	None	N/A	Plot was foiled when authorities learned of the assailants' plans, following months of investigation.
<p>Five men were arrested for planning a shooting attack on the offices of Jyllands-Posten, the Danish newspaper that published satirical cartoons of the Prophet Muhammad in 2005.^{dccxxxvi dccxxxvii dccxxxviii}</p>									

Foiled Plots at Schools

Date	Number of Attack Locations	Location Information	Attacker Information	Casualties	Number of Weapons	Weapon Information	Closest Relationship to Victims	Date Attack Concluded	Resolution
20 March 2012	N/A	N/A	Trey Selser (22/M)	N/A	6	Handguns; Rifles	Unknown	N/A	Authorities arrested Selser for the murders of his parents and his brother
	Trey Selser shot and killed his parents and his brother in Waller, Texas. Reports state that Selser was obsessed with the Columbine shooting and was planning a mass shooting. The mass shooting was foiled when police received a concerned phone call from a relative. Upon visiting Selser's home, the police discovered the bodies of his parents and seized a collection of guns. ^{dccxxxix}								
11 March 2012	1	University of Maryland in College Park, Maryland	Alexander Song (19/M)	N/A	Unknown	Unknown firearm	Academic	N/A	Plot was foiled when Song's comments on the internet were reported to police.
	Alexander Song was arrested after posting on a website that he planned to "kill enough people to make it to national news." Song did not obtain weapons prior to his arrest. ^{dccxli}								
27 September 2011	1	Wigwam Creek Middle School in Litchfield Park, Arizona	Unknown (14/M)	N/A	N/A	N/A	Academic	N/A	Plot was foiled when an individual saw the student's comments on

									YouTube and alerted the police. The student was then arrested at his home.
A 14-year-old student was arrested for posting comments online about his plans to conduct an active shooter attack in his school before committing suicide. ^{dccxli}									
5 August 2011	1	Lakeshore High School in Covington, Louisiana	Unknown (unknown; unknown)	N/A	Unknown	Unknown firearm	Academic	N/A	Plot was foiled when the students' plans were revealed by students who contacted administrators of the school. Authorities discovered an invitation-only Facebook group including all three of the students.
Jacob Keller, Todd Singleton and Daniel Hopkins' planned to shoot fellow high school students during the first day of classes. Police foiled the plot when other students at the school alerted them to the students' suspicious behavior. ^{dccxlii}									
5 August 2011	1	Lincoln County High school in Winfield, Missouri	Donald G. Waters (18/M); unidentified juvenile (16/M)	N/A	Unknown	Unknown firearm	Academic	N/A	Plan was foiled when students reported to the school's resource

									officer that the two students attempted to recruit them to help with the shooting.
Donald Waters and a minor planned to go through their high school and shoot as many people as possible. Waters attempted to recruit fellow students to assist him with the shooting. Police foiled the plot when two students Waters reached out to turned him in to school officials. ^{dcxliiii}									
26 August 2010	1	Leto High School in Tampa, Florida	Austin James Cook (17/M)	N/A	1	Rifle (.22-caliber)	Academic	N/A	Plot was foiled when law enforcement investigated a tip that was reported to Campus Crime Stoppers.
Austin Cook was arrested when authorities uncovered his plan to “break the record” of the Columbine and Virginia Tech school shootings at his high school. Police seized a rifle, bow and arrow, several gun-related books and a Columbine video game from the suspect’s home. Prior to his arrest, Cook attempted to recruit someone to help him conduct the attack. ^{dcxliiv dcxlv dcxlvii}									
7 May 2010	1	Connetquot High School in Long Island, New York	Christopher Franko (17/M); Dana Saltzman (16/F)	N/A	Unknown	Shotguns; Other	Academic	N/A	Plot was foiled when Franko’s social worker alerted police as to her suspicions that the two suspects might be planning an attack.
Christopher Franko and his girlfriend, Dana Saltzman, were arrested for planning an attack on their high school. Reports state that the suspects sought to purchase shotguns and randomly shoot students, faculty and staff at Franko’s former school. Prior to this plot, Franko had been accused of similar shooting attempts at his school. ^{dcxlvvii dcxlvviii}									

4 March 2010	1	Chelan High School in Chelan, Washington	Charles T. Mustoe (17/M)	N/A	10	3 shotguns; 5 rifles; 2 handguns	Academic	N/A	Plot was foiled when the parents of a girl with whom Mustoe had discussed his plans alerted authorities.
	Charles Mustoe was arrested for planning an attack at Chelan High School. Mustoe planned to carry out the attack on April 20, 2011, the anniversary of the Columbine High school shooting. Reports state that Mustoe was angry about being bullied at school. ^{dccxlix dclcl}								
14 February 2010	1	Marshall High School in San Antonio, Texas	Unknown (16/M)	N/A	Unknown	Unknown	Academic	N/A	Plot was foiled when the suspect revealed his plans to a man with whom he was playing an online video game; the man immediately notified law enforcement.
	A student was arrested for planning a shooting spree at Marshall High School. ^{dcccli dclcli}								
4 May 2009	1	Covina High School in West Covina, California	Unknown (15/M); Unknown (16/M)	N/A	2	2 handguns (one Glock .40-caliber and one Smith & Wesson .357-caliber)	Academic	N/A	Plot was foiled when a man reported the theft of two handguns from his home, enabling police to trace the theft to the

									victim's stepson.
Two high school students were arrested for plotting to randomly shoot classmates at Covina High School during a school assembly. Authorities discovered two loaded handguns as well as violent drawings at the home of one of the teenagers. The boys admitted to having brought their weapons to the school three times in the past. ^{dccliii}									
9 April 2009	1	Dove Creek High School in Colorado	Cody Barr (19/M); unknown (16/M)	N/A	Over 10	7 rifles; Handguns (.22-caliber); Shotguns; Rifles (M1 carbine); Other	Academic	N/A	Plot was foiled when one of the suspects informed his family about the plot.
During an investigation of two teenagers who were arrested in New Mexico on suspicion of burglary, authorities uncovered the teenagers' plans for a shooting attack at Dove Creek High School. The teenagers planned to shoot students, the school principal, the superintendent, the County Sheriff, and the Undersheriff. A stash of weapons was discovered in one of the teenagers' home. ^{dccliv dcclv}									
8 April 2009	1	Landstown High School in Virginia Beach, Virginia	Phillip Bay (17/M); unknown (unknown/M); unknown (unknown/M)	N/A	Over 30	2 shotguns; Other	Academic	N/A	Plot was foiled when the suspects' friend alerted authorities of their plan to bomb the school.
Three high school students were arrested for plotting to bomb their high school after police discovered 28 pipe bombs, Molotov cocktails, shotguns, violent videos, and a hit-list of students' names at one of the teenagers' home. Two years prior, one of the teenagers had served three months of supervised probation for possessing a hoax explosive device around the date of the Columbine High School attack anniversary. ^{dcclvi dcclvii}									
8 December 2008	1	Blue Mountain High School in North Manheim, Pennsylvania	Gregory N. Nason (17/M)	N/A	5	2 rifles; Shotgun; Other	Academic	N/A	Plot was foiled when several students informed school officials that they suspected

									Nason might conduct a school shooting.
Gregory Nason was arrested for plotting to shoot students at Blue Mountain High School. Police found multiple weapons, replica guns, a gas mask, a fake hand grenade, shooting gloves, replica explosive devices and paramilitary clothing at his home. ^{dcclviii}									
4 December 2008	1	Pottstown High School in Montco, Pennsylvania	Richard Yanis (15/M)	N/A	3	Handguns (one Smith & Wesson .357 caliber revolver; one Smith & Wesson .22 caliber semi-automatic; one Colt .45 caliber semi-automatic)	Academic	N/A	Plot was foiled when the suspect's father reported three handguns stolen from a secured gun locker in his basement. Simultaneously, a school friend of the suspect alerted a teacher about his friend's weapons. The teacher immediately contacted authorities.
Richard Yanis was arrested after stealing three guns and hundreds of rounds of ammunition from his father. Reports state that Yanis's intention was to conduct a shooting spree at Pottstown High School. ^{dcclix}									

29 October 2008	1	Big Bear High School in Big Bear, California	Unknown (16/M); unknown (16/M); unknown (16/M); unknown (15/M); unknown (15/M)	N/A	Unknown	Unknown	Academic	N/A	Plot was foiled when fellow students overheard the plans and alerted school authorities.
Five teenage boys were arrested for plotting to shoot students, teachers, and staff at Big Bear High School. ^{dcclx}									
6 March 2008	1	Belvidere High School in Belvidere, New Jersey	Unknown (17/M)	N/A	Unknown	Unknown	Academic	N/A	Plot was foiled when the suspect warned classmates about a hit-list he had drafted. Worried students notified school administrators.
A high school student was arrested when his plot to murder classmates and teachers in New Jersey was foiled by fellow students. Reports state that the student had begun surveying school security and mapping escape routes. The student had also drafted a hit-list of intended victims. ^{dcclxi}									
28 November 2007	1	Arlington High School in Lagrangeville, New York	Patrick Quigley (16/M); Joseph Saia (16/M); Unknown (15/M)	N/A	Unknown	Unknown	Academic	N/A	Plot was foiled when a student saw a MySpace posting detailing the attack and reported it to the high school principal.

Three high school students were arrested for planning to attack their school on the 11th anniversary of the Columbine High School shooting attacks. ^{dcclxii}									
18 November 2007	1	Georg-Buechner Gymnasium in Cologne, Germany	Unknown (17/M); Unknown (18/M)	N/A	Unknown	Other	Academic	N/A	Plot was foiled when classmates informed school authorities that the suspects were studying a website containing images of the Columbine massacre. One of the suspects had also warned several students of an imminent attack.
	Two teenagers were arrested for planning an attack on their high school on the anniversary of a 2006 school shooting in Germany. After being questioned by law enforcement, one of the youths committed suicide by throwing himself in front of a train. The other suspect confessed to the plot. Air guns, crossbows and a possible hit-list of intended victims were discovered in one of the suspects' home. ^{dcclxiii}								
12 October 2007	1	Plymouth Whitemarsh High School in Norristown, Pennsylvania	Dillon Cossey (14/M)	N/A	Over 34	Handgun (.22-caliber); 33 Rifles (one .22-Caliber, one 9- millimeter semiautomatic, 30 air-powered, one 9-	Academic	N/A	Plot was foiled when a high school student informed police officers of the impending attack.

						millimeter semi-automatic with a laser scope)			
Dillon Cossey was arrested for stockpiling weapons and plotting a school attack. Police found more than 35 weapons, a bomb-making book and violent journals and videos of the 1999 Columbine High School shooting in Cossey's bedroom. Reports state that Cossey was angry about being bullied at his school and told a friend that he wanted to stage an attack similar to the assault on Columbine High School. ^{dcclxiv dcclxv}									
13 July 2007	1	Connetquot High School in Long Island, New York	Michael McDonough (17/M); unknown (15/M)	N/A	3	2 rifles (one Uzi semi-automatic and one AK-47); Other	Academic	N/A	Plot was foiled when a journal belonging to one of the suspects was turned over to authorities after it was discovered by a customer in a McDonald's parking lot. The journal contained numerous threats and detailed plans to attack the school.
Two teenagers were arrested for planning an assault at the Connetquot High School in Long Island on the anniversary of the Columbine High School rampage. The teenagers detailed their plot in journals and a video in which they identified several victims by name. The teenagers also considered throwing bombs in the McDonald's where they worked and made numerous unsuccessful attempts to purchase weapons. ^{dcclxvi dcclxvii}									
21 September 2006	1	East High School in Green Bay, Wisconsin	William Cornell (17/M); Shawn Sturtz,	N/A	Unknown	Shotgun; Rifles; Handguns; Other	Academic	N/A	Plot was foiled when a friend of the suspects

			(17/M); Bradley Netwal (18/M)						informed an associate principal of the plan.
Three high school seniors were arrested for plotting an attack on their high school. Investigators discovered an arsenal of guns and bombs in the suspects' homes. Reports state that the teenagers spent two years planning the attack because they were angry over being disrespected by female students. Authorities also confiscated a black leather trench coat and a book titled "Bully: A True Story of High School Revenge." ^{dccclxviii}									
25 April 2006	1	Rogers High School in Puyallup, Washington	Brian Michael Evans (16/M)	N/A	5	2 rifles; 2 Handguns; Other	Academic	N/A	Plot was foiled when a student who had received an online message from Evans outlining his shooting plans alerted school authorities.
Brian Michael Evans was arrested for plotting a shooting attack on his high school. Investigators discovered weapons and a book containing directions to make explosives in Evans's home. ^{dccclxix}									
24 April 2006	1	North Pole Middle School in Anchorage, Alaska	Unknown (unknown/M); unknown (unknown/M); unknown (unknown/M); unknown (unknown/M); unknown (unknown/M); unknown (unknown/M)	N/A	Unknown	Unknown	Academic	N/A	Plot was foiled when a student informed a parent about rumors that were circulating in school regarding the plot; the parent alerted police.

A group of six seventh-graders were arrested for planning an attack on their middle school. The students intended to cut off power and telephone service to their school and kill classmates and faculty with guns and knives. Reports state that the students claimed to have been bullied by other students and sought to exact revenge.^{dccclxx dccclxxi}

20 April 2006	1	Riverton High School in Riverton, Kansas	Unknown (unknown/M); unknown (unknown/M); unknown (unknown/M); unknown (unknown/M); unknown (unknown/M)	N/A	Unknown	Handguns; Other	Academic	N/A	Plot was foiled when school officials were notified about a threatening message on one of the suspects' MySpace page. A teenager who chatted with one of the suspects on MySpace received a list of a dozen potential victims from the suspect and immediately notified law enforcement.
	Five students were arrested hours before they planned to carry out a shooting spree on their school campus. Police were notified about a hit-list as well as a message on MySpace that warned students to wear bullet proof vests and flak jackets to school on April 20 – the anniversary of the Columbine High School massacre. Weapons and coded messages were discovered in the bedroom of one suspect and documents about firearms and references to Armageddon were found in two suspects' school lockers. ^{dccclxxii dccclxxiii}								
10 April 2006	1	Winslow Township High School in Camden,	Edwin DeLeon (15/M); Peter Cunningham	N/A	Unknown	Unknown	Academic	N/A	Plot was foiled when the principal at

		New Jersey	(16/M); David Cruz Jr. (16/M); James Whelan (15/M)						Winslow Township High School heard about the alleged plot and alerted police.
Four students were arrested for plotting to shoot fellow students, teachers and residents of their community. The students planned to start a food fight during school lunch to cause a distraction and then begin executing students and teachers from a hit-list before continuing their shooting rampage off-campus. The students surveyed school security and mapped escape routes but failed to obtain any weapons before school officials were alerted to the plot. ^{dccclxxiv} ^{dccclxxv}									
15 December 2005	1	Quartz Hill High School in Quartz Hill, California	Johnny Alvarez Cases (17/M); unknown (15/M)	N/A	Unknown	Unknown	Academic	N/A	Plot was foiled when a student who overheard the suspects discussing their plans to cut her arms and legs off during the attack alerted the assistant principal.
Two teenage friends were arrested for plotting an attack on their high school. The teenagers obtained ammunition and improvised explosive devices which they practiced detonating in the Antelope Valley Desert. ^{dccclxxvi}									
21 September 2005	1	Pickens Middle School in Pickens, South Carolina	Unknown (11/M); unknown (12/M)	N/A	2	2 handguns (one .45-caliber semi-automatic and one .25-caliber)	Academic	N/A	A suspect's sister alerted her parents about her brother's plot.

Two boys were arrested for planning a shooting at their middle school. The students planned to shoot a school resource officer before randomly firing on students. One of the suspects had already caught the attention of authorities after firing a handgun in his bedroom. ^{dcclxxvii}									
16 March 2005	1	St. John Bosco High School in Bellflower, California	Unknown (16/M); unknown (16/M)	N/A	1	Rifle (.22-caliber)	Academic	N/A	Plot was foiled when one of the suspects confided in a school counselor and admitted to the plot.
	Two students were arrested for plotting to open fire in their high school. Upon searching the boys' homes, authorities discovered a rifle as well as maps and notes detailing the plot. ^{dcclxxviii}								
10 February 2004	1	Laguna Creek High School in Elk Grove, California	Unknown (15/M); unknown (15/M)	N/A	1	Rifle (.22-caliber)	Academic	N/A	Plot was foiled when a parent overheard a conversation about the plot and alerted authorities.
	Two high school students were arrested for plotting to shoot fellow students and detonate explosive devices on campus. The students had planned to burglarize a store, obtain weapons, and use those weapons to shoot fellow students. One of the teenagers obtained a map of the school and stole his parents' .22-caliber rifle from their home. ^{dcclxxix}								
November 2001	1	New Bedford High School in New Bedford, Massachusetts	Eric McKeehan (17/M); Unknown (15/M); Unknown (15/M)	N/A	Unknown	Other	Academic	N/A	Plot was foiled when a student alerted authorities to the plot after hearing a rumor on campus about an imminent shooting.

Three teenagers were arrested after they confessed to planning a school attack that would surpass the death toll at the Columbine High School massacre. The students called themselves the Trenchcoat Mafia, the name used by the Columbine High School attackers, and planned to blow up the school and then gun down fleeing teachers and students. They were caught with a stash of ammunition, knives, Nazi photographs, bomb-making recipes and drug paraphernalia at their homes. In addition, a school janitor found a letter outlining plans for an attack. ^{dcclxxx dcclxxxi}									
14 February 2001	1	Southside High School in Elmira, New York	Jeremy Getman (18/M)	N/A	20	Shotgun; Handgun (.22-caliber); Other	Academic	N/A	Plot was foiled when a student received a threatening note from the suspect claiming that he had a gun. She then alerted authorities to the suspect's cache of weapons.
Jeremy Getman was arrested after carrying a cache of weapons into his school. His bag contained firearms, pipe bombs, a propane tank and a bag full of ammunition. Reports state that Getman planned to kill as many of his classmates and teachers as possible. ^{dcclxxxii}									
8 February 2001	1	Preston Junior High School in Fort Collins, Colorado	Alexander Vukodinovich (14/M); Scott William Parent (14/M); Chad Meininger (15/M)	N/A	6	2 handguns (one TEC-9 semi-automatic and one .38-caliber); 2 rifles; Shotgun; Other	Academic	N/A	Plot was foiled when four girls alerted police to a phone conversation they had with one of the suspects in which he threatened their lives and discussed the plot.

Alexander Vukodinovich, Scott William Parent and Chad Meininger were arrested for plotting an attack on their junior high school. One of the boys admitted to having shown drawings of the planned attack to several students. Reports state that the teenagers had discussed trying to replicate the Columbine High School attacks at their school. ^{dcclxxxiii}									
6 February 2001	1	Royal Valley High in Hoyt, Kansas	Unknown (16/M); Unknown (17/M); Unknown (18/M)	N/A	Unknown	Rifle (modified assault); Other	Academic	N/A	Plot was foiled when a student notified school officials after hearing rumors about the students' alleged plan.
	Three students were arrested for planning an attack on their high school. Upon searching their homes, police discovered firearms, 400 rounds of ammunition, bomb making materials, a floor plan of their high school, Nazi drawings and black trench coats similar to those worn by the Columbine High School gunmen. ^{dcclxxxiv}								
29 January 2001	1	De Anza Community College in Cupertino, California	Al DeGuzman (19/M)	N/A	54	3 rifles; Shotgun; 50 others (30 pipe bombs and 20 Molotov cocktails)	Academic	N/A	Plot was foiled when a drugstore photo clerk notified police that a customer had developed photos of himself surrounded by guns and bombs.
	Al DeGuzman was arrested for planning to attack his community college. Reports state that DeGuzman spent two years crafting his attack plan. Police discovered a 19-minute audiotape detailing DeGuzman's plot to kill as many people at the college as possible. ^{dcclxxxv dcclxxxvi}								
23 April 1999	1	Danforth Junior High School in Wimberley, Texas	Unknown (14/M); Unknown (14/M);	N/A	Unknown	Unknown	Academic	N/A	Students alerted authorities after overhearing

			Unknown (14/M); Unknown (14/M)						the suspects bragging about their planned attack.
Four boys were arrested for plotting to attack their junior high school with guns and explosives. Authorities discovered gunpowder and bomb-making instructions in the suspects' homes. Reports state that the students drafted a list of teachers and students they wished to target. ^{dcclxxxvii}									
16 November 1998	1	Burlington High School in Burlington, Wisconsin	Unknown (15/M); Unknown (15/M); Unknown (16/M); Unknown (16/M); Unknown (16/M)	N/A	Unknown	Unknown	Academic	N/A	Plot was foiled when the girlfriend of a suspect told her parents about the alleged plot. Rumors of the plot had been circulating among the student body after one of the suspects told certain individuals not to be in school on the day of the proposed attack.
Five teenagers were arrested for plotting to kill staff members and students at their high school. Reports state that the teenagers planned on using guns stolen from one of the suspects' home and intended to target people who had bullied them in school. ^{dcclxxxviii}									

7 October 1997	1	Pearl High School in Pearl, Mississippi	Marshall Grant Boyette Jr. (18/M); Donald Brooks Jr. (17/M); Justin Sledge (16/M), Wesley Brownell (17/M); Daniel Thompson (16/M); Delbert Shaw (16/M)	N/A	Unknown	Unknown	Academic	N/A	Plot was foiled when police were advised by students and parents to investigate Woodham's friends following his attack. One particular suspect came to the attention of authorities for publicly defending Woodham during a candlelight vigil for victims of Woodham's shooting rampage.
	Six teenagers were arrested in Mississippi for plotting to kill classmates at their high school. The arrest came nearly a week after their friend, Luke Woodham, killed two students and wounded seven in a shooting at the same school. The six students planned to terrorize the school by starting fires, cutting telephone lines and killing classmates. Reports state that they then planned to flee to Louisiana, Mexico and Cuba. Several suspects documented their plot. ^{dcclxxxix}								

Foiled Plots at Other Locations

Date	Number of Attack Locations	Location Information	Attacker Information	Casualties	Number of Weapons	Weapon Information	Closest Relationship to Victims	Date Attack Concluded	Resolution
8 May 2007	1	Fort Dix Army base in Burlington County, New Jersey	Mohamad Ibraim Shnewer (22/M); Dritan Duka (28/M); Eljvir Duka (23/M); Shain Duka (26/M); Serdar Tatar (23/M); Agron Abdullahu (24/M)	N/A	N/A	Rifles (AK-47 assault weapons, M-16s); Other	None	N/A	Plot was foiled when a shopkeeper at a video store alerted authorities to the men after he had been asked to copy a suspicious video onto a DVD. The video displayed 10 young men shooting weapons at a firing range while calling for jihad

Mohamad Ibraim Shnewer, Dritan Duka, Eljvir Duka, Shain Duka, Serdar Tatar, and Agron Abdullahu were arrested for planning an attack on the Fort Dix Army Base. The six men from Eastern Europe and the Middle East were apprehended by authorities while trying to purchase automatic weapons from undercover FBI agents. They also spoke of attacking U.S. warships and conducted surveillance on Fort Monmouth in New Jersey, Dover Air Force Base in Delaware and other military installations.^{dcxc dcxci dccxii dccxiii}

24 June 2009	1	Duke Energy Convention Center in Cincinnati, Ohio	John Rosser (28/M)	N/A	Unknown	Unknown	Professional	N/A	Plot was foiled when Rosser told his landlord about the plot, who then alerted authorities. Officers captured Rosser, who was armed with a gun, about 100 yards from the Convention Center
	John Rosser was arrested for plotting to kill his former boss at the Duke Energy Convention Center. Rosser was fired from the Convention Center two years before the plot was uncovered. ^{dcxciv}								

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