



2024

**GUN
VIOLENCE
REPORT**

Addressing the Growing Impact
of Gun Violence in 2024



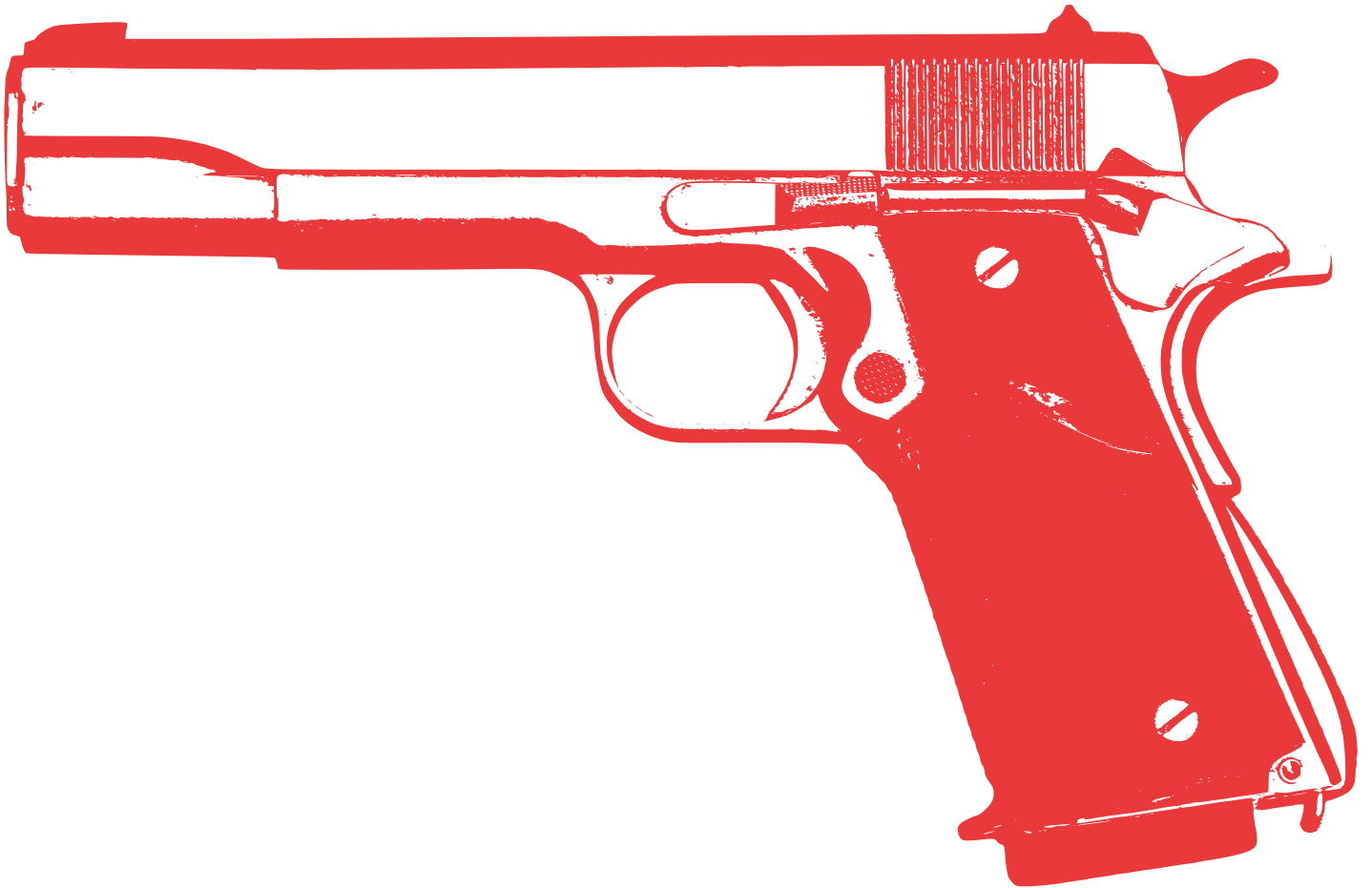
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Introduction

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This report looks at gun violence in the United States by examining different industries, incident types, shooter typologies, victimology, and more.

The report aims to provide data that digs beneath the surface, revealing insights that can help make better security decisions, improve responses, and save lives.

Methodology



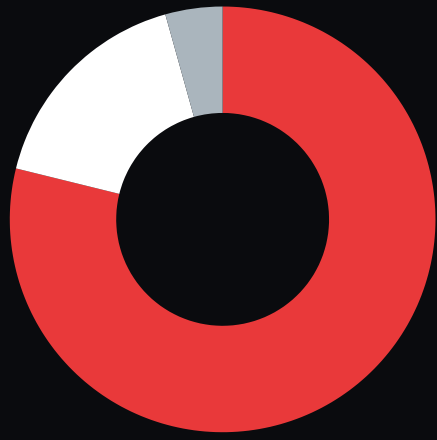
The ZeroEyes Gun Violence Research Center (GVRC) provides a comprehensive analysis of gun-related Incidents across various industries, offering insights into demographics, incident specifics, and response patterns. Updated daily and reviewed regularly, the database captures detailed information such as location (country, state, city), business or organization type, and access restrictions. It also documents critical timing details, including the time of day and day of the week when incidents occur. By focusing on publicly reported and verified sources, the database ensures data accuracy while acknowledging its limitation to non-residential incidents.

The database delves into incident dynamics, categorizing gun violence types such as active shooter scenarios, criminal activities, and spontaneous disputes. Victimology, shooter profiles, and response efforts are meticulously analyzed, covering injuries, fatalities, shooter outcomes, and law enforcement involvement. Additionally, the data highlights pre-planning indicators and situational context, offering a nuanced understanding of each event. With this robust framework, the database serves as a vital resource for identifying patterns, informing preventative measures, and enhancing public safety initiatives.

2024 Incidents: The Macro Lens

The GVRC continually analyzes gun-related violence data to provide insights that drive safety and situational awareness. Our latest findings paint a sobering picture of incidents recorded in our database throughout 2024:

5,462
Total Incidents



Active Incidents
4,306
Inactive Incidents
918
Threats, Hoaxes,
and Swatting
237

4,937
Total Victims



Fatalities
1,642
Injuries
3,295

Suspect
Outcomes

Fatalities
126
Injuries
85

By Time

06

Manufacturing	AM	6:15
Telecommunications		9:03
Government - Federal		9:11
Hospitality		9:58
Gambling & Gaming		10:40
Restaurants		10:41
Healthcare Services		11:29
Fitness & Dance Facilities	PM	12:05
Freight & Logistics Services		12:21
K-12 Schools		12:23
Finance		12:26

average time of incidents

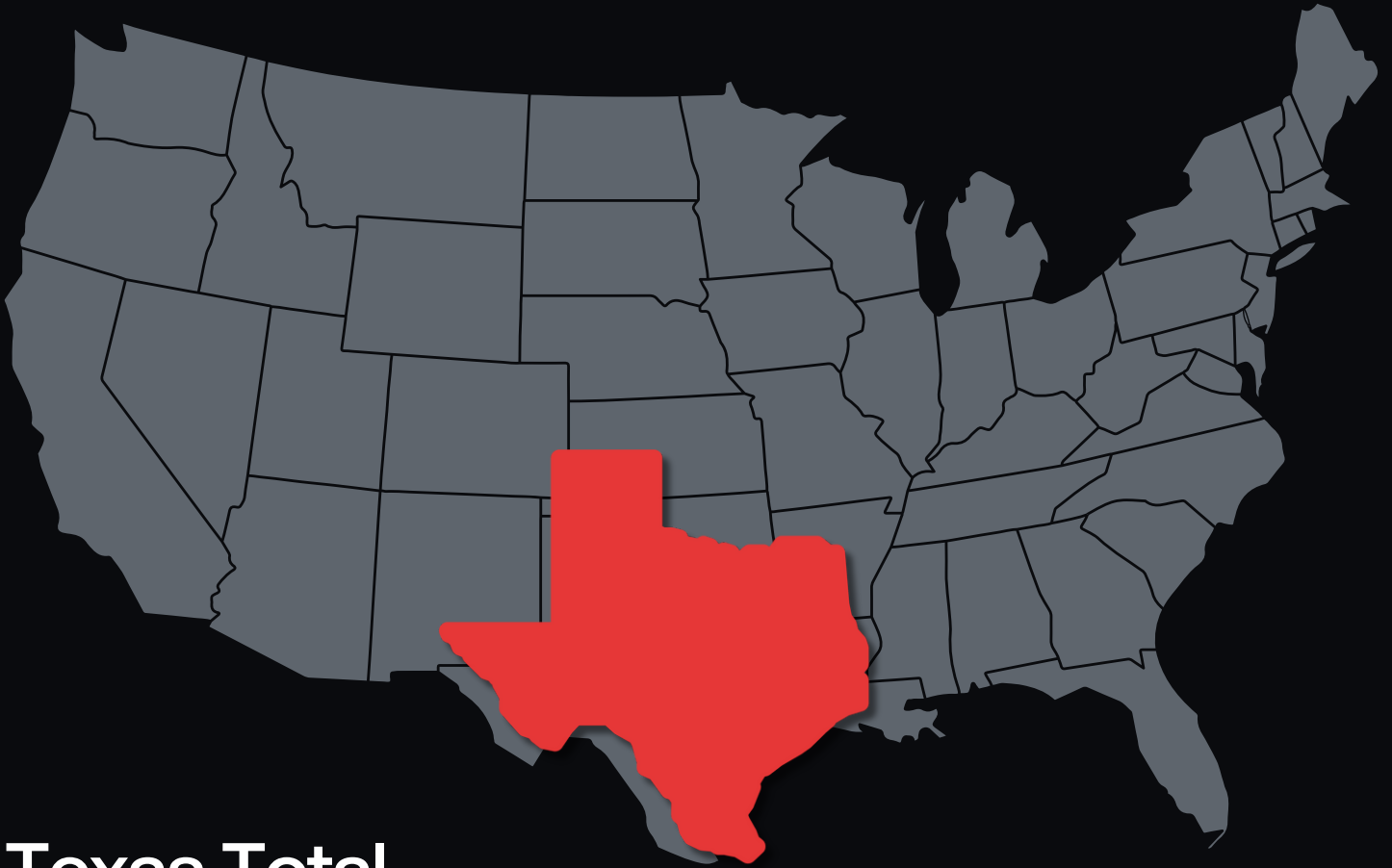
12:55 pm

Hospitals & Physicians Clinics

Consumer Services	12:57
Performing Arts Theaters	1:05
Colleges & Universities	1:15
Government - Local	1:30
Religious Organizations	1:32
Real Estate	1:33
Organizations	1:54
Retail	1:56
Transportation	2:07
Training	2:30
Childcare	2:52
Movie Theaters	3:21
Business Services	3:26
Zoos & National Parks	3:29
Rail, Bus & Taxi	3:44
Sports Teams & Leagues	3:51
Airports & Air Services	4:10
Amusement Parks & Attractions	4:22
Motor Vehicles	4:31
Holding Companies	4:52
Museums & Art Galleries	6:39
Media & Internet	7:00
Nonprofit Organizations	8:00

The average time of incidents occurred at 12:55 p.m. However, by industry, average incident times vary widely—a critical insight into when communities are most vulnerable.

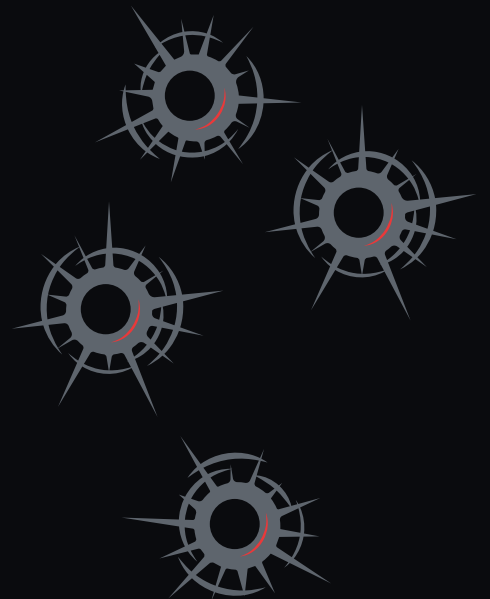
By Geography



Texas Total
Incidents

456

Geographically, Texas led with the highest number of recorded incidents at 456, driven by its urban populations.



By Month

January

February

March

April

May

June

July

August

September saw the most incidents of any month, totaling 728...a concerning spike during the back-to-school season.

September

October

November

December

728

Total Incidents

Situation Analysis

A closer look at the data reveals the diverse and complex nature of gun-related incidents.

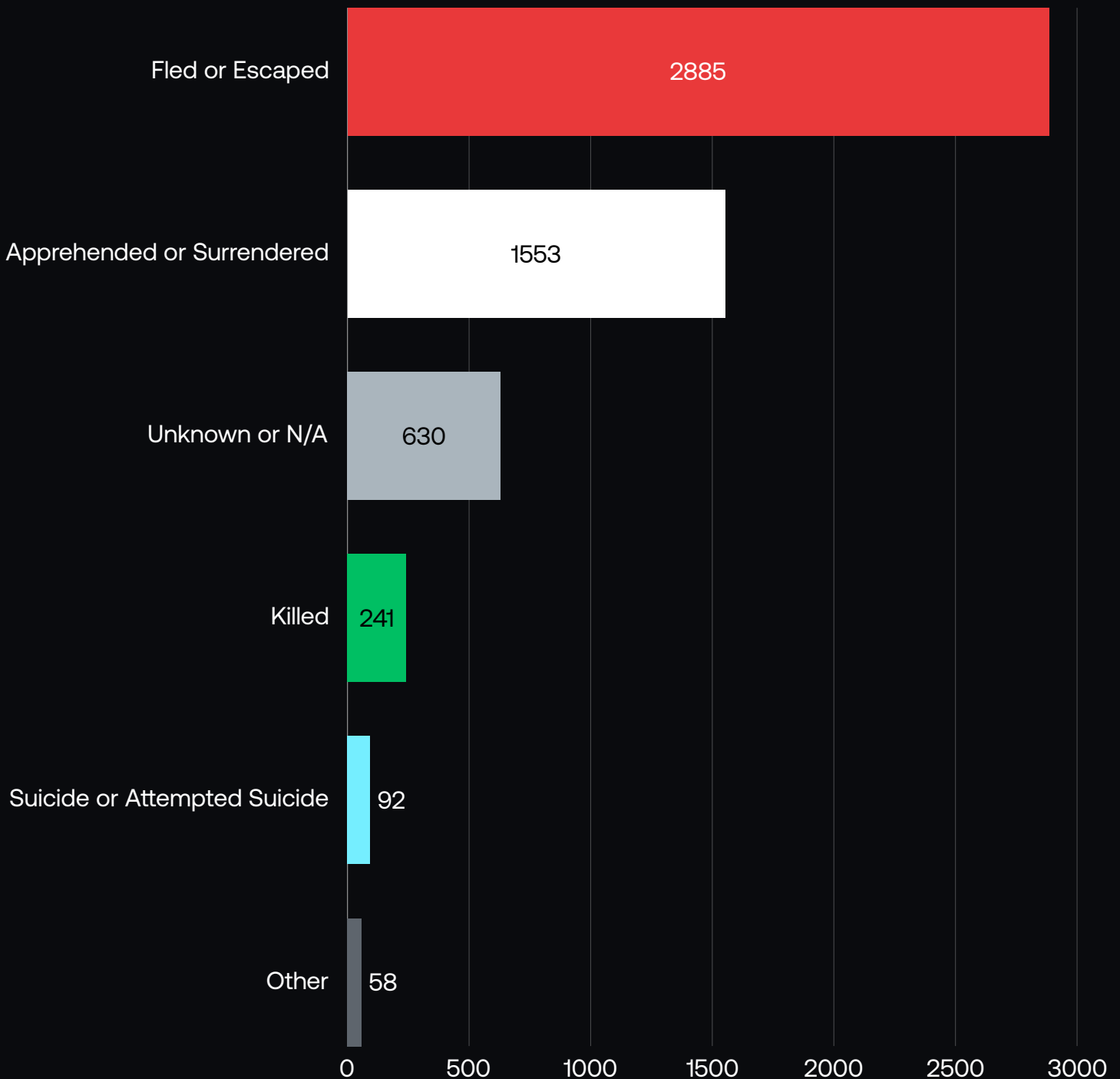
The type of situations encountered, in order of most frequent, are represented here.

Escalations of disputes take the top spot not just in aggregate, but across industries. This spontaneous form of gun violence can be mistaken for an active shooter scenario, leading to panic, closures, and potential injuries.

- Escalation of Dispute
- Weapon Discovered, No Shots Fired
- Shooting Threat
- Criminal Activity
- Illegal Activity
- Hoax/Swatting
- Drive-By Shootings
- Accidental Shootings
- Domestic w/ Targeted Victim
- Indiscriminate Shooting
- Officer-involved Shooting
- Intentional Property Damage
- Imitation/Non-Lethal Weapon
- Unrelated Incident/Lockdown
- Murder/Suicide
- Active Shooter
- False Active Shooter
- Murder/Assassination
- Unintentional Property Damage
- Suicide/Attempted
- Hostage/Standoff
- Self-Defense
- Misidentified Non-Gun Shot Sound
- Psychosis
- Anger of Disciplinary Action
- Racial
- Report of Weapon/Not Recovered
- Attempted Suicide

What happens to shooters?

The outcomes of gun-related incidents in 2024 demonstrate the complex and often tragic aftermath of these events.



Examining Shooter and Suspect Outcomes

1,885

Escaped After Fleeing

1,885 suspects escaped after fleeing, highlighting the challenges law enforcement faces in capturing perpetrators.

1,444

Taken Into Custody

Of those who did not escape, **apprehension** was the most common resolution, with **1,444 suspects taken into custody**, and an additional **1,000 suspects initially fleeing before being apprehended**.

246

Fatalities

Tragic outcomes were also prevalent. **85 suspects died by suicide**, while **128 were killed by law enforcement** during confrontations. Other instances of lethal force included **23 suspects killed by individuals other than law enforcement** and **8 suspects killed by security personnel**.

87

Surrendered

Instances of intervention by others were less common but significant. **17 suspects were subdued by bystanders, staff, or other individuals**, demonstrating acts of courage in dangerous situations. Similarly, **87 suspects surrendered voluntarily**, avoiding further escalation.

73

Incidents of Law Enforcement Shootings

Law enforcement and security personnel were directly involved in **73 incidents of law enforcement shootings** and **9 incidents involving security guards**, underscoring the critical role these professionals play in mitigating violent threats.

628

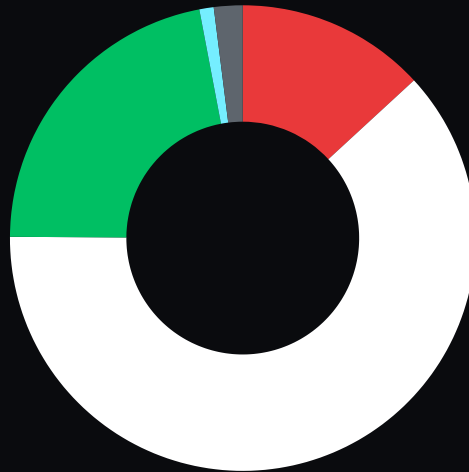
Other or N/A

In some cases, the outcomes remain unclear, with **530 incidents categorized as unknown** and **98 deemed not applicable**. Additionally, **58 incidents were categorized as “other”** due to unique or less defined outcomes.

The data paints a vivid picture of the diverse and often unpredictable resolutions to gun-related violence. From successful apprehensions to tragic fatalities and unresolved cases, the statistics underscore the importance of proactive measures and situational awareness to reduce such incidents and their often devastating aftermath.

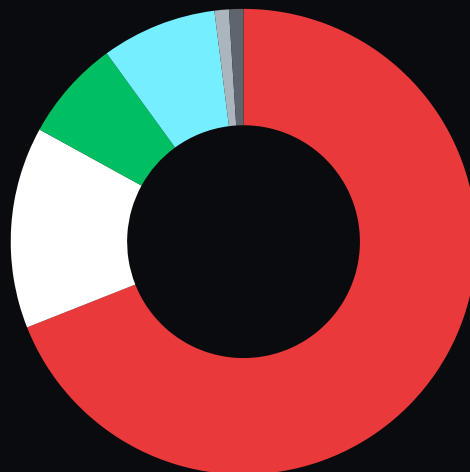
Examining Shooter and Suspect Outcomes

K-12



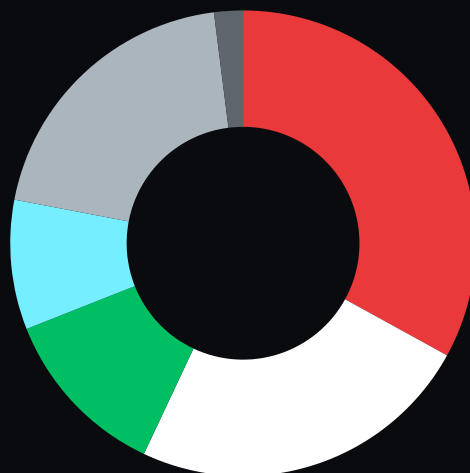
- 13%** Fled or Escaped
- 62%** Apprehended or Surrendered
- 22%** Unknown or N/A
- 01%** Killed
- 00%** Suicide or Attempted Suicide
- 02%** Other

Retail



- 69%** Fled or Escaped
- 14%** Apprehended or Surrendered
- 07%** Unknown or N/A
- 08%** Killed
- 01%** Suicide or Attempted Suicide
- 01%** Other

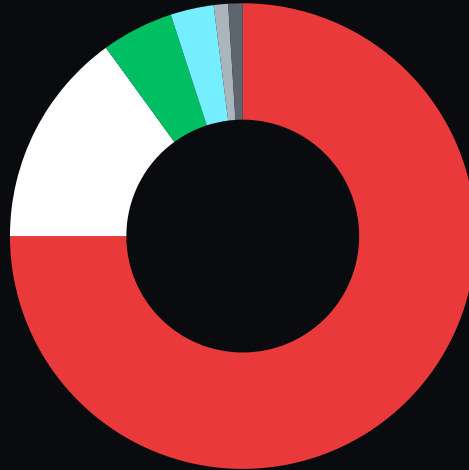
Healthcare



- 33%** Fled or Escaped
- 24%** Apprehended or Surrendered
- 12%** Unknown or N/A
- 09%** Killed
- 20%** Suicide or Attempted Suicide
- 02%** Other

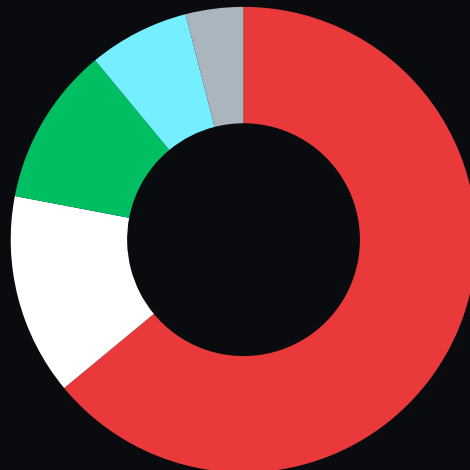
Examining Shooter and Suspect Outcomes

Restaurants



- 75%** Fled or Escaped
- 15%** Apprehended or Surrendered
- 05%** Unknown or N/A
- 03%** Killed
- 01%** Suicide or Attempted Suicide
- 01%** Other

Real Estate

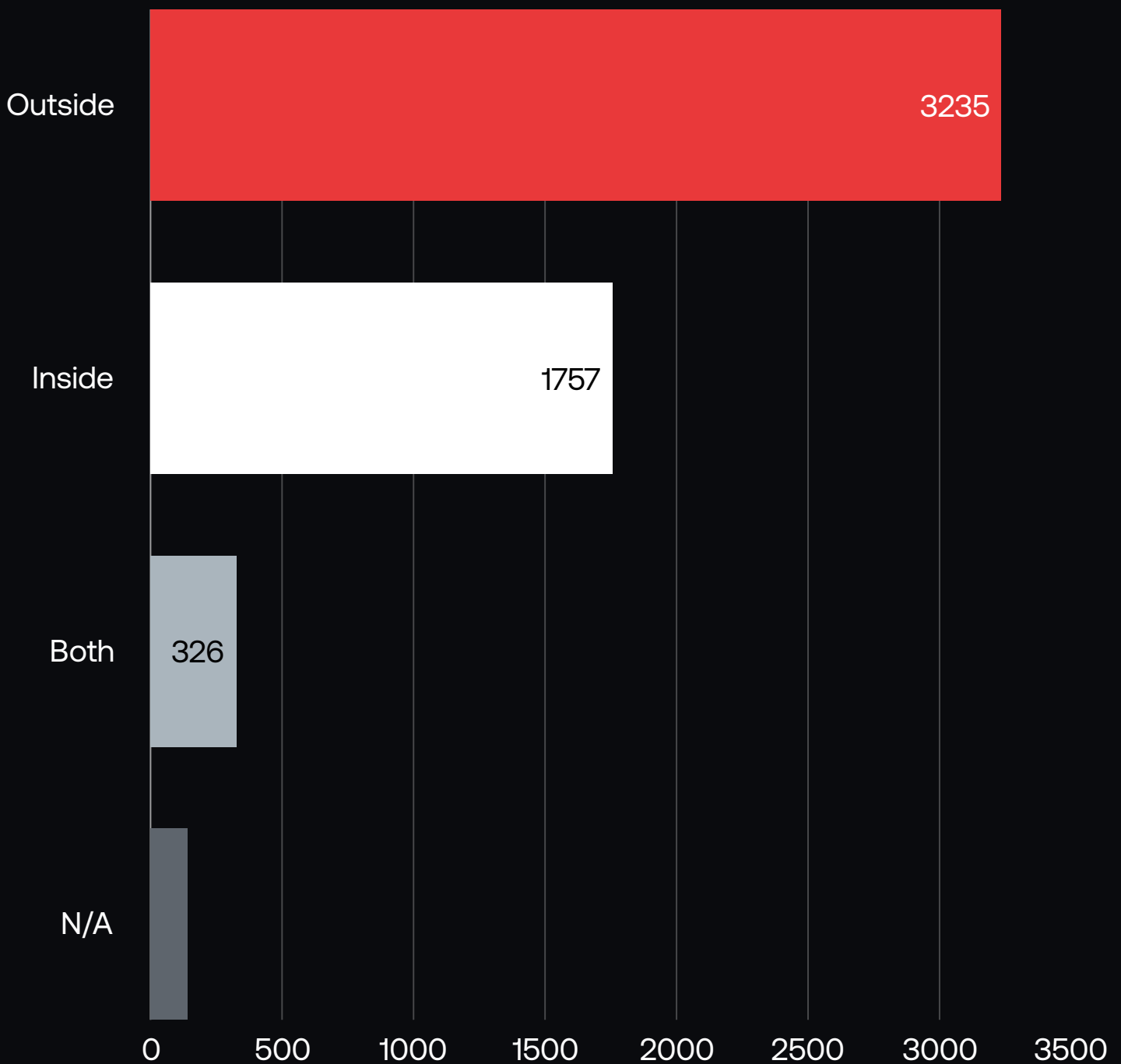


- 64%** Fled or Escaped
- 14%** Apprehended or Surrendered
- 11%** Unknown or N/A
- 07%** Killed
- 04%** Suicide or Attempted Suicide
- 00%** Other

Incidents by Location

14

The distribution of gun-related incidents across various locations in 2024 reveals distinct trends.



Examining Locations of Incidents

3,235

Outdoor Locations

Outdoor locations were the most frequently affected, with **3,235 incidents** reported. Of these, the majority (**3,010**) were classified as active, reflecting the heightened risks in open, public spaces. Only **225 outdoor incidents** were marked as inactive, indicating the predominance of real-time threats in these settings.

1,757

Indoor Locations

Indoor locations accounted for **1,757 incidents**, with **1,360 active cases** and **397 inactive cases**. This data stresses the persistent vulnerabilities within enclosed environments, including schools, businesses, and community spaces.

326

Both

A smaller subset of incidents (**326**) involved both indoor and outdoor locations, indicating situations where violence spilled across multiple settings. Of these, **151 incidents** were active, while **175 were inactive**, highlighting the dynamic nature of such events.

141

N/A

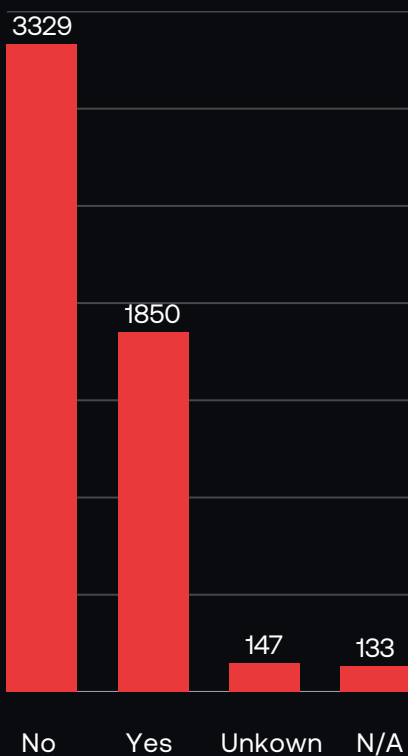
A notable **141 incidents** were categorized as not applicable (NA) due to insufficient data or atypical circumstances. Within this group, **20 were active**, and **121 were inactive**, reflecting the challenges of categorizing incidents with limited or unclear information.

The clear predominance of outdoor incidents, coupled with the ongoing risks in indoor and mixed environments, highlights the critical need for advanced safety solutions like visual gun detection systems. Proactive measures can help address the complexities of threats across all types of locations.

Gun Violence in Parking Lots

Gun violence incidents in parking lots have become a significant concern, with **1,848 incidents** reported in 2024 in these high-risk, often under-monitored areas.

1,848
incidents in parking lots



Of those, **1,782 were active**, highlighting the pressing need for real-time security measures in parking lot environments. Only **66 incidents** were classified as inactive, suggesting many incidents escalate into immediate threats.

In contrast, **3,315 incidents** occurred outside parking lot settings, with **2,591 active** and **724 inactive**. This further emphasizes the prevalence of gun-related violence in a variety of environments, though parking lots remain a focal point.

A smaller subset of incidents, categorized as **NA (not applicable)**, accounted for **146 incidents**. Of these, **27 were active**, and **119 were inactive**, indicating challenges in classifying certain incidents or incomplete data.

Finally, incidents categorized as **unknown** involved **147 cases**, with **138 active** and **9 inactive**. These incidents reflect the uncertainty and challenges law enforcement faces in determining the exact nature and location of violent acts.

Location Density

17

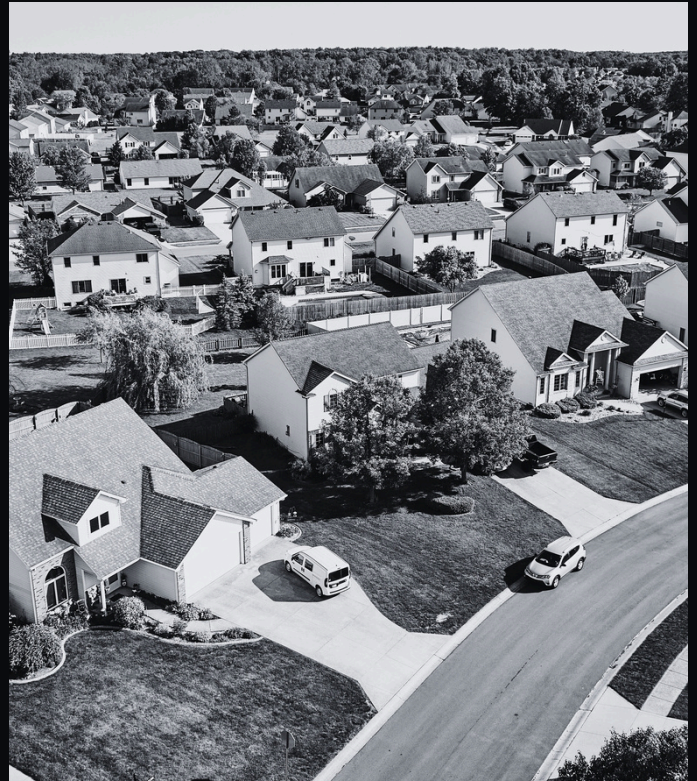
The density and nature of locations where gun-related incidents occurred in 2024 shed light on patterns of risk and vulnerability.



Populated Areas

such as schools, businesses, and public venues were overwhelmingly the most common settings, with **4,664 incidents** reported. Of these, **3,779 were active**, while **885 were inactive**, emphasizing the heightened risks in environments with high human activity.

4,664
incidents



Residential Areas

were the second most affected, with **576 incidents** recorded. A striking **570 of these cases** were active, indicating the immediate and often personal nature of violence in domestic or neighborhood settings. Only **6 incidents** were classified as inactive in these areas.

576
incidents



Outdoor & Park Settings

accounted for **193 incidents**, with **168 active** and **25 inactive cases**. Though less frequently affected, these environments still represent significant vulnerabilities, particularly during public gatherings or recreational activities.

193
incidents



Streets & Highways

were the least common locations, with **24 incidents** recorded. Of these, **22 were active**, and just **2 were inactive**, reflecting the sporadic but often high-stakes nature of violence in transit or vehicular spaces.

24
incidents

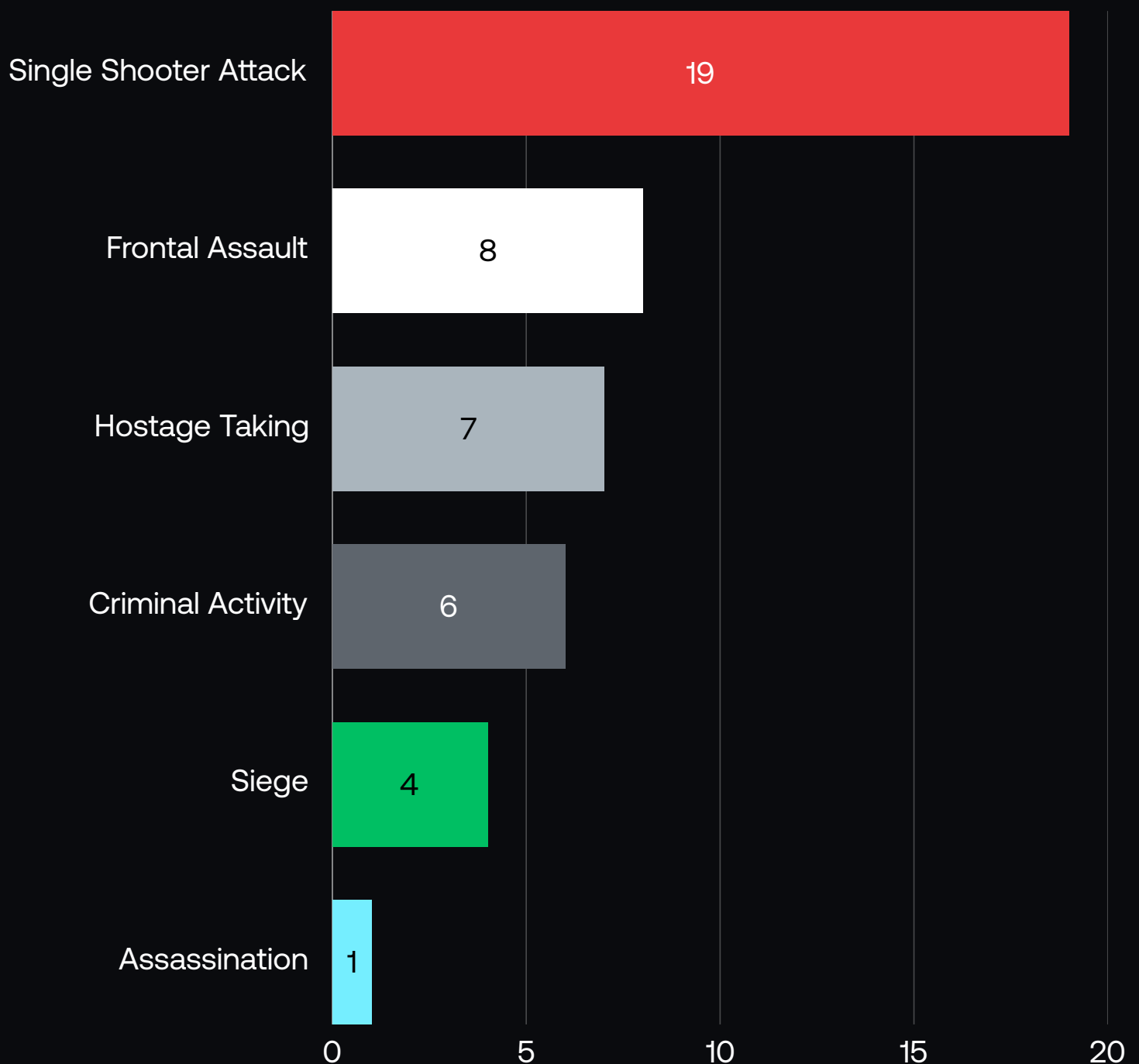
The prevalence of incidents in highly populated and residential areas emphasizes the need for proactive safety measures. Visual gun detection systems can play a pivotal role in safeguarding lives in the locations where people live, work, and gather most often.



Active Shooter Typology

19

The typology of active shooter incidents in 2024 provides insight into the nature and complexity of these events.



Examining Active Shooter Typology

20

18

Single Shooter Inside Attack

The most common scenario was the **single shooter inside attack**, with **18 recorded incidents**, highlighting the prevalence of lone actors targeting specific locations.

6

Hostage Situations

Hostage situations and incidents involving **criminal activity**, such as armed robbery or other illegal acts, were recorded **6 times each**, emphasizing the dual threat posed by these scenarios.

Certain typologies, such as multiple shooter inside attacks, sniper attacks, and complex coordinated attacks, were notably absent from the 2024 data. However, the lack of these events doesn't eliminate the potential threat they pose—particularly in environments where coordinated or long-range attacks could occur.

One case of assassination was recorded, serving as a stark reminder of targeted violence directed at specific individuals.

9

Frontal Assaults

Frontal assaults, where shooters openly attack a target head-on, accounted for **9 incidents**, demonstrating a direct and aggressive approach.

4

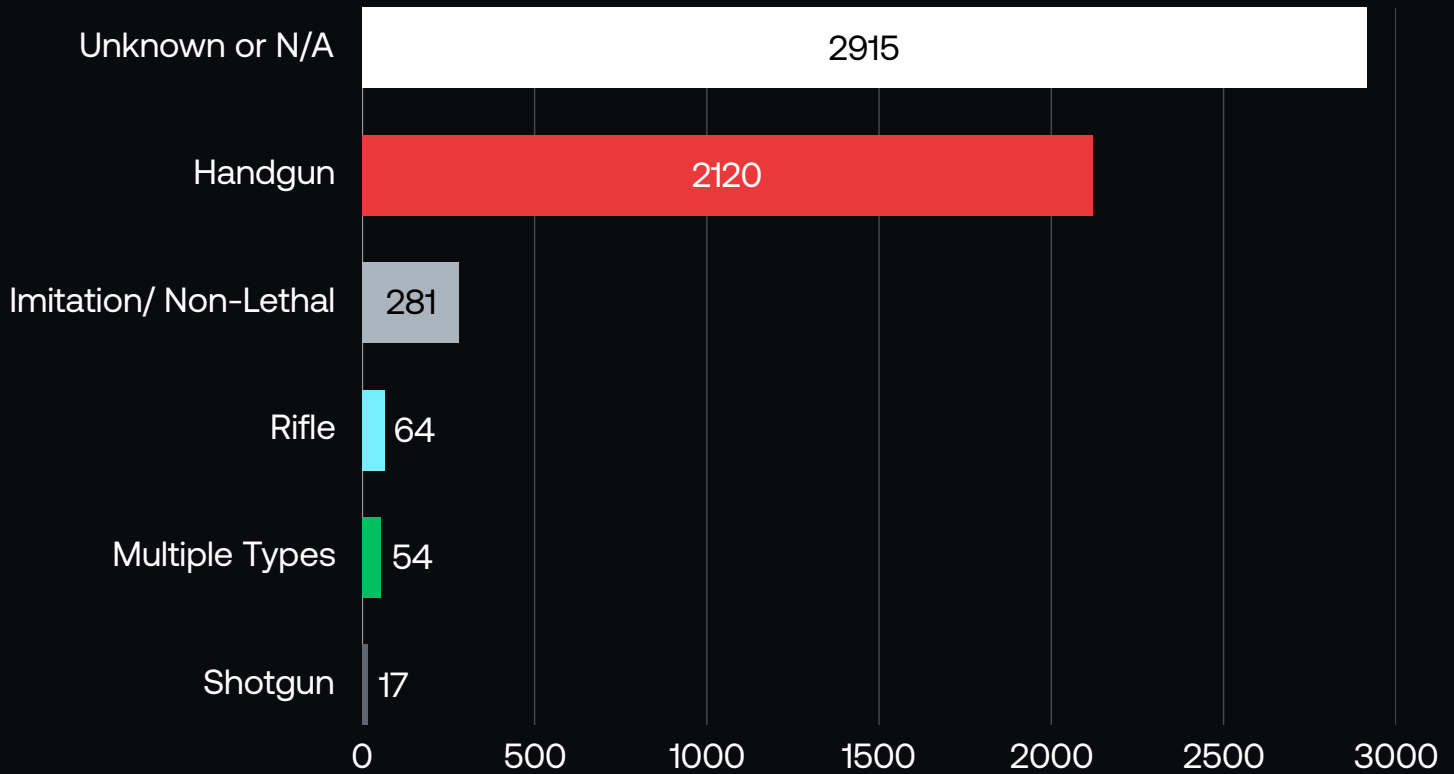
Siege Situations

Other less common but critical typologies included **siege situations**, with **4 recorded events** where attackers maintained control over a location for an extended period.

The data illustrates the varied strategies employed in active shooter scenarios, reinforcing the need for tailored safety solutions and preparedness measures that address common and less frequent typologies.

Weapons Used

The data on weapons used in gun-related incidents throughout 2024 highlights the prevalence and diversity of firearms involved.



2,120

Incidents with
Handguns

Handguns were the most commonly used weapon, accounting for **2,120 incidents**. Their portability and accessibility likely contribute to their widespread use in both targeted and indiscriminate acts of violence.

Examining Weapons Used

22

64

Incidents with Rifles

Rifles and shotguns, though less common, still played a role in these incidents. **Rifles** were used in **64 cases**, and **shotguns** appeared in **17 incidents**, highlighting their presence in specific scenarios.

17

Incidents with Shotguns



281

Incidents with Imitation
and Non-lethal Weapons

Imitation and non-lethal weapons were involved in **281 incidents**, reflecting a concerning trend where the appearance of a firearm, regardless of its functionality, can escalate situations or cause panic.

54

Incidents with Multiple
Weapon Types

In some cases, **multiple weapon types** were used, with **54 incidents** involving combinations of firearms or other weaponry. These instances highlight the complexity of certain attacks, where assailants may leverage diverse arsenals to maximize impact.

2,915

Incidents with Unknown
or N/A Weapons

Significant gaps remain in the data, with **2,305 incidents** classified as involving **unknown weapons**, and **610 cases** marked as not applicable. These figures emphasize the challenges in accurately identifying and categorizing weaponry during or after incidents.

The diversity in weapon types and the prevalence of unknown or unidentified weapons reinforce the importance of technologies like visual gun detection systems to proactively identify and respond to potential threats.

Incidents by Vertical

The 2024 data highlights the broad range of environments affected by gun-related violence.



5,462
Total Incidents



Retail Spaces

had the highest number of recorded incidents, totaling **1,459**, of which **54 were inactive**, reflecting the vulnerability of high-traffic public spaces.

1,459

Incidents in Retail Spaces



K-12 schools

followed closely, with an appalling **1,417 incidents**, including **721 inactive cases**. This finding reveals the critical importance of enhancing safety measures in educational settings.

1,417

Incidents in K-12 Schools



Hospitality Industry

The **hospitality industry** faced significant challenges, with **248 recorded incidents**, including **5 inactive cases**. **Restaurants** saw **730 incidents**, with **21 deemed inactive**, making them another notable area of concern.

248

Incidents in the Hospitality Industry

Public Transportation

Public transportation hubs and vehicles showed notable activity, with **103 incidents involving rail, bus, and taxi services**, and **23 incidents occurring in airline or airport environments**. These statistics reflect the unique challenges of securing high-density transit areas.

103

Incidents in Public Transportation

Higher Education

Higher education settings, such as **colleges and universities**, experienced **88 incidents**, of which **23 were inactive**. This highlights the need for ongoing vigilance in these environments.

88

Incidents in Higher Education

Examining Incidents by Vertical

26

54

Incidents in
Healthcare Facilities

Meanwhile, **healthcare facilities**, including hospitals and clinics, recorded **54 incidents**, with **15 inactive cases**, showcasing the importance of protecting staff and patients.

58

Incidents in Entertainment
& Leisure Venues

Religious organizations (46 incidents), **zoos and national parks** (186 incidents, with 18 inactive), and **real estate properties** (642 incidents, 7 inactive) also emerged as areas impacted by gun-related violence, emphasizing the widespread nature of these threats across diverse verticals.

118

Incidents in Zoos &
National Parks

Though less frequent, incidents in **entertainment and leisure venues**—including **amusement parks** (47 incidents, 7 inactive), **movie theaters** (6 incidents, 2 inactive), and **performing arts theaters** (5 incidents) demonstrate the need for safety measures in recreational spaces.

642

Incidents in Real Estate
Properties

Other notable categories include:

62

Incidents in
Consumer
Services

42

Incidents in Freight &
Logistics Services

46

Incidents in
Religious
Organizations

103

Incidents in
Transportation
Services

While some industries saw relatively low numbers of incidents, the potential for harm remains significant. For example, **government facilities** (7 federal and 60 local), **fitness and dance facilities** (22), and **media and internet sectors** (1) are environments where preparation and awareness can have a critical impact.

This data demonstrates that gun-related violence knows no boundaries, affecting nearly every vertical in some capacity. It reinforces the universal need for vigilance, preparation, and proactive solutions tailored to each industry's unique challenges.

Fatalities by Vertical

The 2024 data on fatalities reveals the devastating impact of gun-related violence across a range of environments.

Retail

Real Estate

Restaurants

Hospitality

Zoos & National Parks

Rail, Bus & Taxi

K-12 Schools

Consumer Services

Freight & Logistics Services

Government - Local

Gambling & Gaming

Hospitals & Physicians Clinics

Colleges & Universities

Religious Organizations

Amusement Parks, Arcades & Attractions

Fitness & Dance Facilities

Finance

Healthcare Services

Holding Companies & Conglomerates

Motor Vehicles

Sports Teams & Leagues

Nonprofit & Charitable Organizations

Manufacturing

Media & Internet

Movie Theaters

Museums & Art Galleries

Performing Arts Theaters

Government - Federal

Organizations

Telecommunications

Transportation

1,642

Total Lives Lost

551

Fatalities in Retail Spaces

Retail spaces recorded the highest number of fatalities, with **511 lives lost**, accentuating the vulnerability of public-facing businesses and the critical need for preventative measures.

292

Fatalities in Restaurants

Restaurants followed closely, with **292 fatalities**, making dining establishments a concerning hotspot for gun violence.

91

Fatalities in Places of Recreation & Leisure

Among recreational and leisure spaces, **zoos and national parks** saw **76 fatalities**, while **amusement parks, arcades, and attractions** recorded **13 deaths**, and **performing arts theaters** accounted for **2 fatalities**. These numbers highlight the tragic consequences of violence in areas meant for enjoyment and relaxation.

49

Fatalities in Transportation Facilities

Transportation-related fatalities were also significant. **Rail, bus, and taxi services** reported **49 fatalities**, emphasizing the risks in public transit environments. Meanwhile, **airlines, airports, and air services** remarkably reported **no fatalities**, likely due to stringent security measures.

51

Fatalities in Educational Institutions

Educational institutions experienced a troubling toll, with **37 fatalities in K-12 schools** and **14 fatalities at colleges and universities**. These figures reaffirm the importance of safeguarding learning environments.

131

Fatalities in Hospitality Settings

Fatalities in **hospitality** settings totaled **131**, while **healthcare facilities**, including hospitals and clinics, experienced **15 fatalities**, further illustrating the broad reach of gun-related violence.

Examining Fatalities by Vertical

Other industries and sectors that bore tragic burdens include:

342

Fatalities in Real Estate Properties

18

Fatalities in Freight & Logistics Services

15

Fatalities in Gaming Establishments

14

Fatalities in Religious Organizations

32

Fatalities in Consumer Services

Though some verticals saw fewer incidents, the impact of violence remains significant. For example, **fitness and dance facilities** recorded **12 fatalities**, and **manufacturing sites, media and internet sectors**, and **museums and art galleries** each reported **2 fatalities**.

Even sectors like **nonprofit organizations** and **telecommunications** experienced loss, with **3 and 1 fatalities**, respectively.

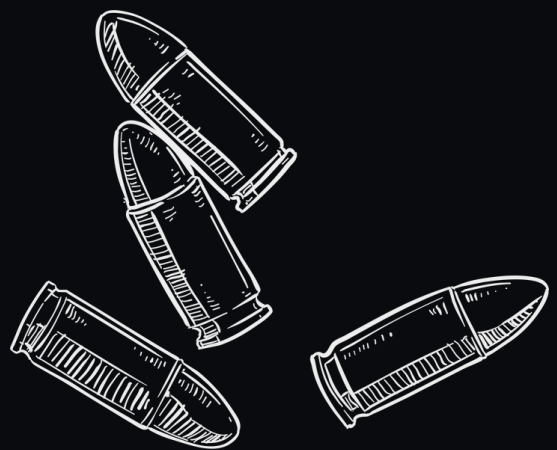
A few industries, such as **agriculture**, **childcare**, and **training services**, reported no fatalities, but these cases remain the exception rather than the norm.



This data illustrates the indiscriminate nature of gun-related violence, which impacts nearly every sector of society. It reinforces the urgent need for comprehensive safety strategies tailored to the unique vulnerabilities of each vertical.

Injuries by Vertical

The data on injuries from gun-related violence magnifies the widespread impact across various industries and environments.



3,295
Total Injuries

Examining Injuries by Vertical

31

1,024

Injuries in Retail Spaces

Retail spaces reported the highest number of injuries, with **1,024 individuals affected**, demonstrating the urgent need for proactive safety measures in commercial areas.

714

Injuries in Restaurants

Restaurants followed with a staggering **714 injuries**, further emphasizing the risks in public, high-traffic environments.

202

Injuries in Educational Settings

Educational settings were also heavily impacted. **K-12 schools** reported **126 injuries**, and **colleges and universities** accounted for **76 injuries**, showing that learning environments remain vulnerable to violence.

230

Injuries in Hospitality Settings

In the hospitality and leisure sectors, **hospitality settings** recorded **230 injuries**, and **zoos and national parks** reported **231 injuries**, making these recreational spaces areas of significant concern. Other leisure venues also experienced injuries, including **amusement parks, arcades, and attractions (31 injuries)** and **performing arts theaters (12 injuries)**.

231

Injuries in Zoos & National Parks

87

Injuries in Transportation Hubs

Transportation hubs and services saw notable numbers of injuries as well. **Rail, bus, and taxi services** accounted for **82 injuries**, while **airlines, airports, and air services** reported **5 injuries**, reflecting ongoing vulnerabilities in transit environments.

Examining Injuries by Vertical

32

Industries tied to public and community services also experienced considerable impacts:

462

Injuries in Real Estate Properties

37

Injuries in Consumer Services

35

Injuries in Local Government

24

Injuries in Freight & Logistics Services



33

Injuries in Religious & Nonprofit Sectors

Religious organizations and other community-focused sectors were not immune, with **27 injuries** reported in religious spaces and **6 injuries** among nonprofit organizations.

32

Injuries in Fitness Facilities

While some verticals saw fewer injuries, the consequences were still significant. **Fitness and dance facilities** recorded **32 injuries**, and **gambling and gaming establishments** accounted for **20 injuries**. Other sectors, such as **healthcare services (11 injuries)** and **movie theaters (2 injuries)**, also faced violence.

20

Injuries in Gaming Establishments

11

Injuries in Healthcare Services

A few sectors reported minimal or no injuries, including **media and internet**, **agriculture**, **government—federal**, and **telecommunications**, but these are exceptions in a year marked by widespread harm.

The data reveals the pervasive nature of gun-related violence, highlighting the need for tailored safety and situational awareness solutions across all industries.

Addressing Gun Violence with ZeroEyes

The data from 2024 reveals a stark and troubling picture of gun violence across a variety of environments.

With many active incidents, particularly in populated and residential areas, parking lots, and schools, the need for proactive, real-time detection systems has never been more urgent.

The statistics show that while many incidents are concentrated in specific locations, the unpredictability of violence and the rapid escalation of threats in diverse environments indicate the need for a comprehensive, versatile solution.

ZeroEyes is at the forefront of addressing these challenges with cutting-edge visual gun detection technology. Our system helps schools, businesses, government facilities, nonprofits, public spaces, and more detect guns—both indoors and out—before violence escalates, enabling immediate response and potentially saving lives.

As the first and only visual gun detection technology with full SAFETY Act Designation from the U.S. Department of Homeland Security, ZeroEyes stands as a proven, reliable solution for reducing the impact of gun-related violence.



The **threat is clear...** and the **solution is** **within reach.**

As deeply concerning gun violence trends continue across the country, decision-makers in schools, local governments, and private sectors must prioritize the safety of their communities.

ZeroEyes can provide situational awareness and early detection to help prevent tragedy and protect lives.



Don't leave yourself and your people open to becoming 2025 statistics.

Explore [how to implement ZeroEyes](#) in your organization, school, or community to create safer environments for all.
The time to act is now.

