

# CDC's Firearm Violence and Injury Prevention Research and Activities

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A photograph of a person holding a lit candle at night. The person's hand is in the foreground, holding the candle. In the background, other people are also holding lit candles, creating a warm, glowing atmosphere. The scene is dark, with the light from the candles illuminating the surroundings.

**Over 57 lives lost to firearm homicide every day**  
**Over 72 lives lost to firearm suicide every day**

**Firearm homicide rate highest since 1993**  
**Firearm suicide rate highest since 1990**

# CDC's approach to preventing firearm injuries focuses on three elements:



**Providing data to  
inform action**



**Conducting research  
and applying science  
to identify effective  
solutions**



**Promoting  
collaboration across  
multiple sectors to  
address the problem**

# Funding to Address Firearm Injury and Crime

\$12.5 Million in FY2020



# Firearm Research Funding Announcements

## 2020:

- RFA-CE-20-006: Research Grants to Prevent Firearm-Related Violence and Injuries  
**Funded 16 new awards**

## 2022:

- RFA-CE-22-004: Research Grants to Prevent Firearm-Related Violence and Injuries  
**Funded 4 new awards**

## Funding options:

- Two-year projects (\$350,000/year)
- Three-year projects (\$650,000/year)

[www.cdc.gov/violenceprevention/firearms](http://www.cdc.gov/violenceprevention/firearms)

# Firearm Injury Research Objectives

## R01 Investigator-Initiated Research to:

- Improve understanding of firearm injury and inform the development of interventions
- Identify effective strategies to keep individuals, families, schools, and communities safe from firearm-related injuries, deaths, and crime

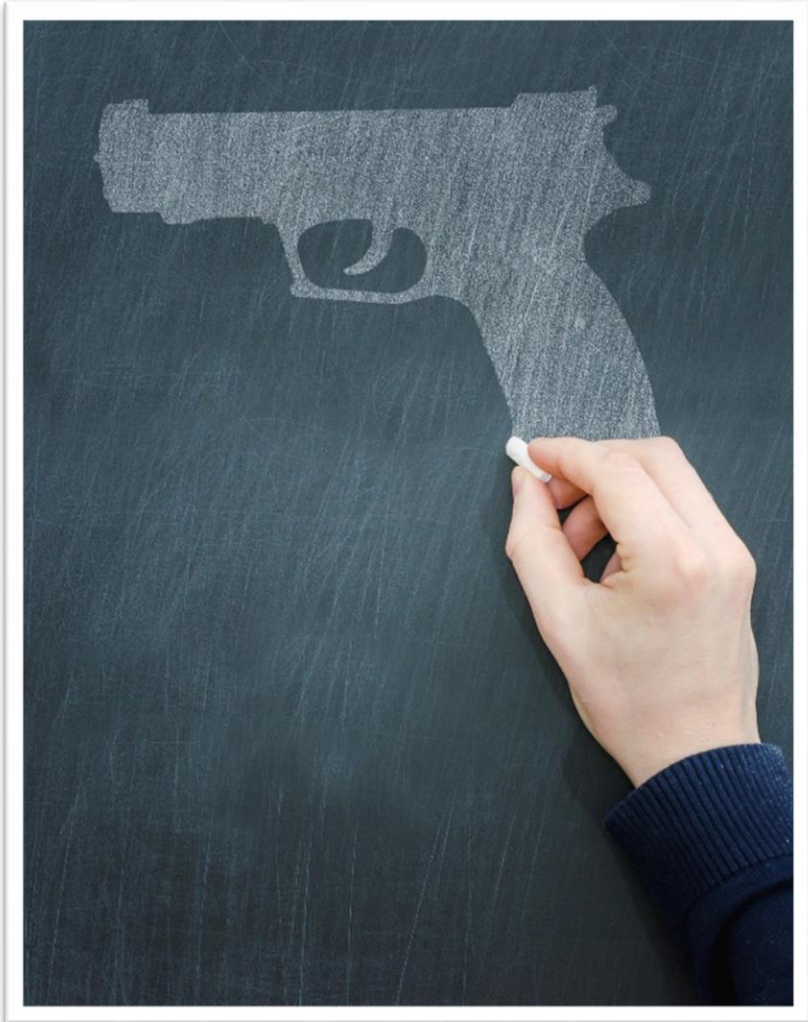


# Etiologic Research

- Risk and protective factors underlying firearm-related attitudes, behaviors, access, and safety practices
- Risk and protective factors related to different forms of firearm-related injury
- Direct and indirect neighborhood-level exposures



# Efficacy and Effectiveness Research



- Hospital-based interventions
- Bystander approaches
- Crisis intervention approaches
- Firearm safety interventions to reduce unintentional firearm injuries among children





## New Investigator Studies

- Development of a social media-based intervention to enhance street outreach programs
- Neighborhood exposures most predictive of youth firearm violence and impact of neighborhood interventions on rates of firearm-related injury and crime

# Current Firearm Research Funding Announcements

## 2023:

- RFA-CE-23-005 Research grants to inform firearm-related violence and injury prevention strategies
- RFA-CE-23-006 Research grants to rigorously evaluate innovative and promising strategies to prevent firearm-related violence and injuries
- **Both close on 2/16/2023**

[www.cdc.gov/violenceprevention/firearms](https://www.cdc.gov/violenceprevention/firearms)

# Firearm Surveillance Through Emergency Rooms (FASTER)

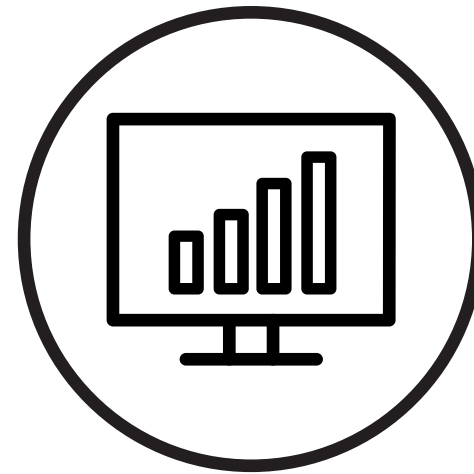
- 10 state health departments provide surveillance data in near-real time on emergency visits for nonfatal firearm injuries
- Timely and actionable data at the state and local level to inform prevention
- Detect trends, clustering of visits, and changing patterns in near real-time



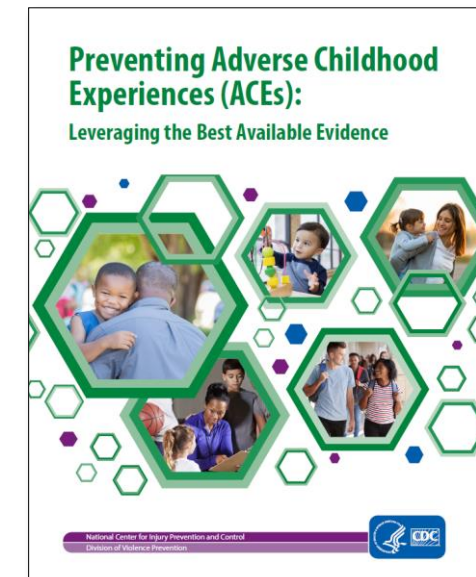
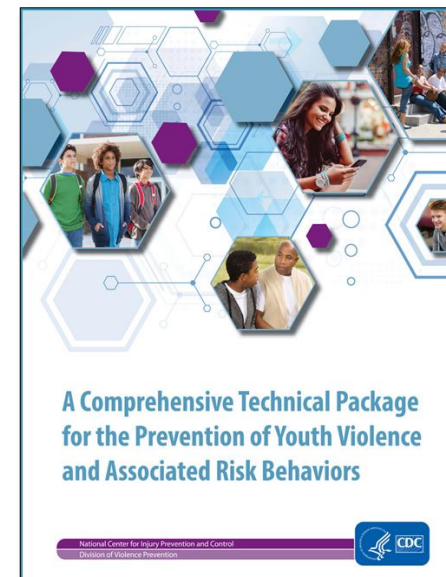
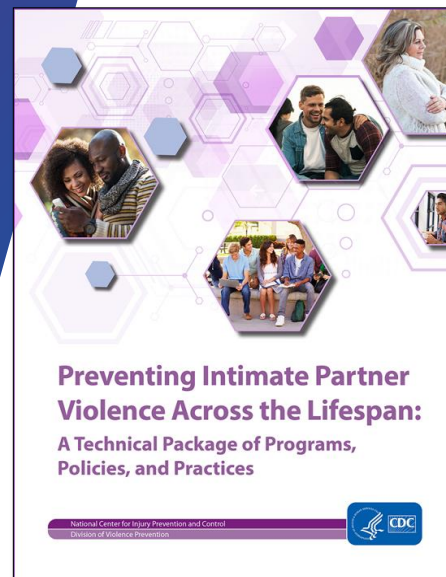
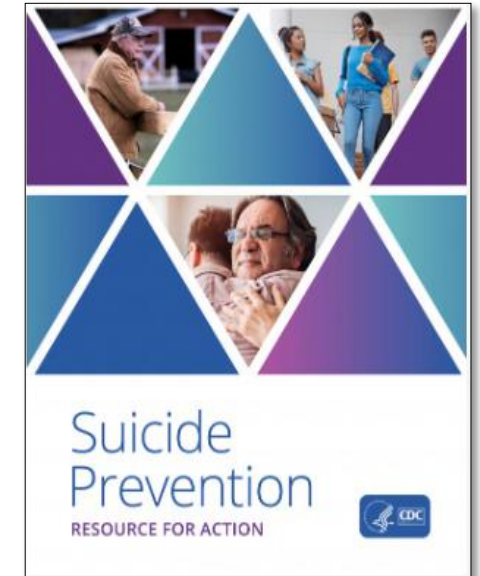
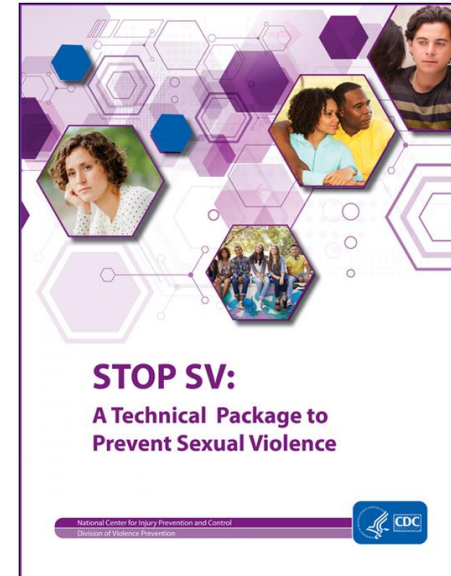
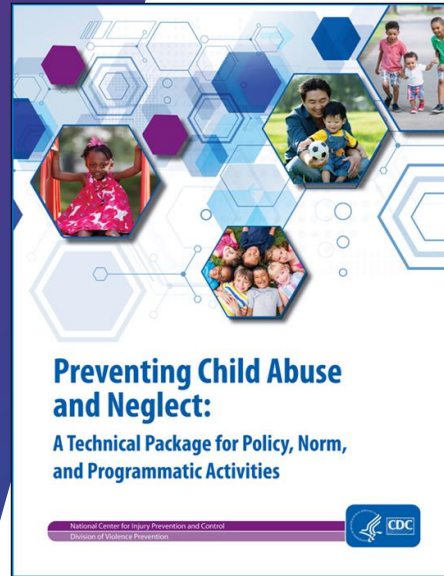
# Firearm Violence Prevention Website

[www.cdc.gov/violenceprevention/firearms](http://www.cdc.gov/violenceprevention/firearms)

- **Fast Facts**
  - Definitions
  - Statistics
- **Funded Research**
  - Funding opportunities
  - Current awards
- **Funded Surveillance**
  - FASTER description
  - Recipients
- **Resources**
  - CDC articles and MMWR reports
  - Federal and non-federal resources



# CDC's Technical Packages for Violence and Suicide Prevention



[bit.ly/CDC-Tech-Packages](https://bit.ly/CDC-Tech-Packages)

# Thank you

For more information:  
[www.cdc.gov/violenceprevention/firearms](http://www.cdc.gov/violenceprevention/firearms)

*The findings and conclusions in this presentation are those of the author and do not necessarily represent the official position of the Centers for Disease Control and Prevention.*