Firearm Trauma: A surgeon's perspective

Jonathan I. Groner MD Nationwide Children's Hospital





Firearm Trauma – National Statistics

Over 1,000,000 USA civilian firearm deaths during my medical career





Firearm Trauma – National Statistics

- 2020 firearm deaths in the United States: **45,222**
- 2020 overall motor vehicle deaths in the United States: 38,824 (includes occupants, pedestrians, & bike vs. car)
- 2020 passenger deaths from commercial aircraft in the US: 0





Firearm Trauma – National Statistics

- 2020 firearm deaths in the United States from Suicide: 24,292
- 54% of all firearm deaths were suicides
- **50%** of all suicides are committed by firearm





Firearm Trauma – Ohio Statistics

• 2020 firearm deaths in Ohio: 1764

Race	Number of Deaths	Population	Crude Rate	Age-Adjusted Rate**
White	1,034	9,653,181	10.71	10.16
Black	724	1,658,318	43.66	43.44
Am Indian/AK Native		45,427		
Asian/Pac Islander		336,291		·
	1,764	11,693,217	15.09	







Pediatric Firearm Trauma – National Statistics

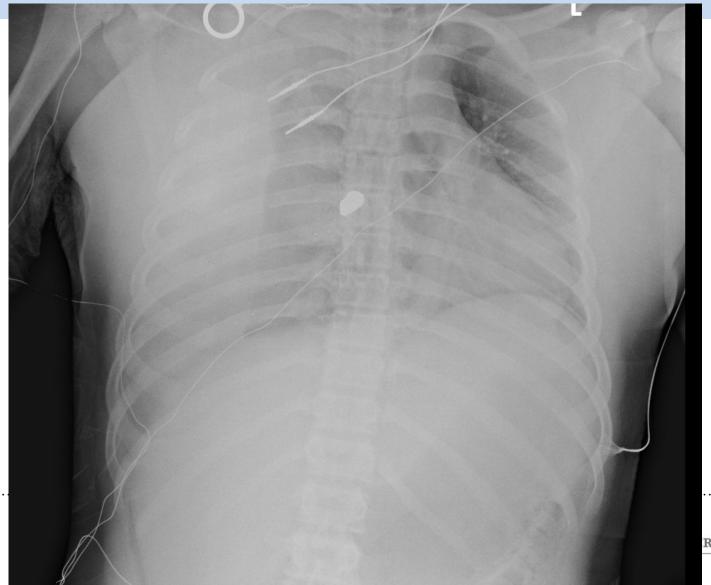
United States 2020 Ages 0 to 18 Number of Deaths: 3230 Population of USA 0-18: 77 million Crude Rate: 4.20

(estimated cancer deaths: 1800)





Pediatric Firearm Trauma



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Pediatric Firearm Trauma

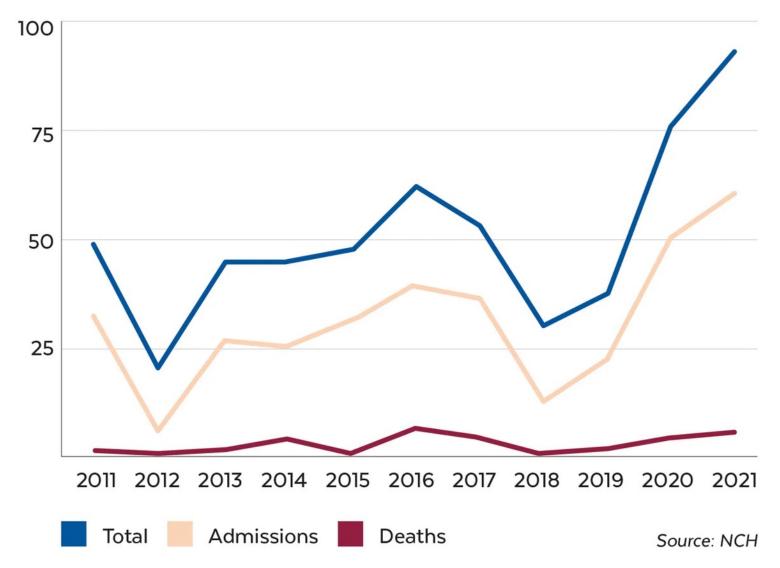




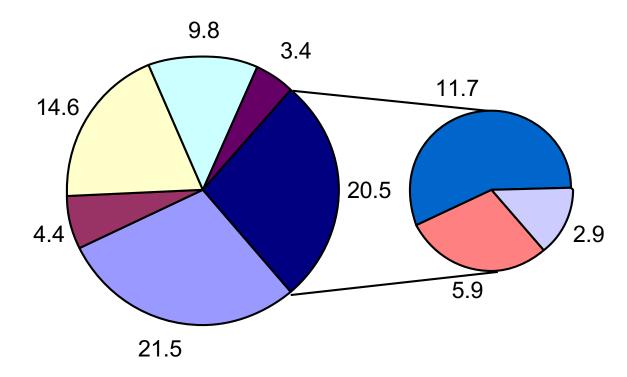
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GUNSHOT WOUND CASES AT NATIONWIDE CHILDREN'S HOSPITAL



Who Shoots Kids?



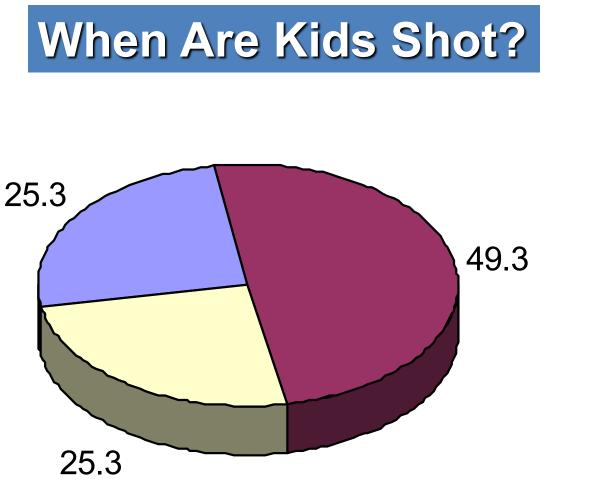
Unknown
 Known Adult
 Known Child
 Self

- Gun Dropped
- Relative Child

Relative Brother

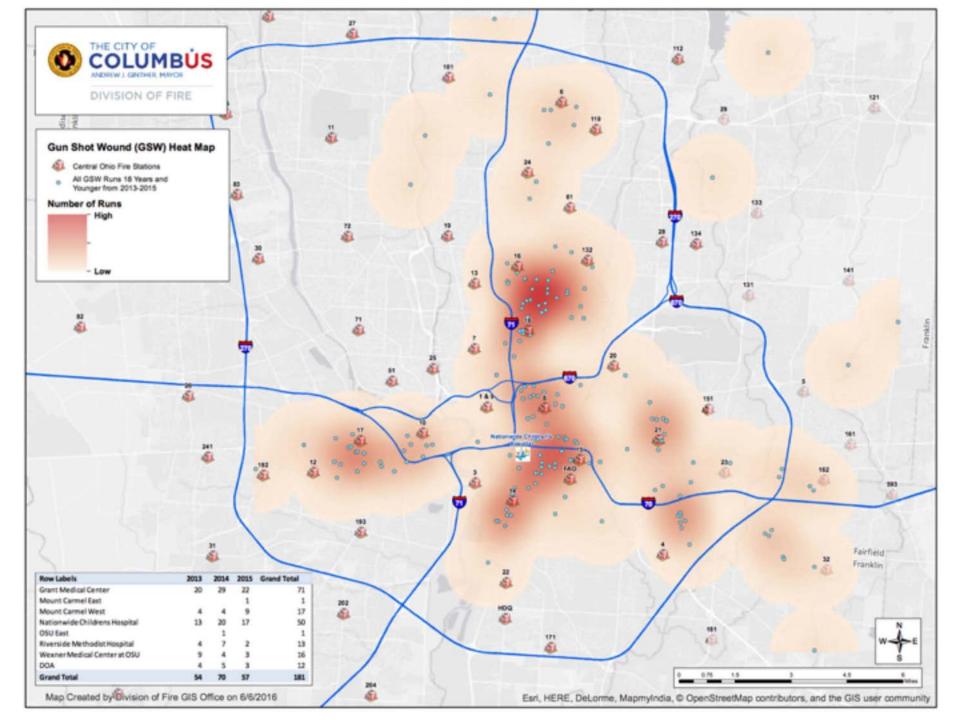
Relative Adult

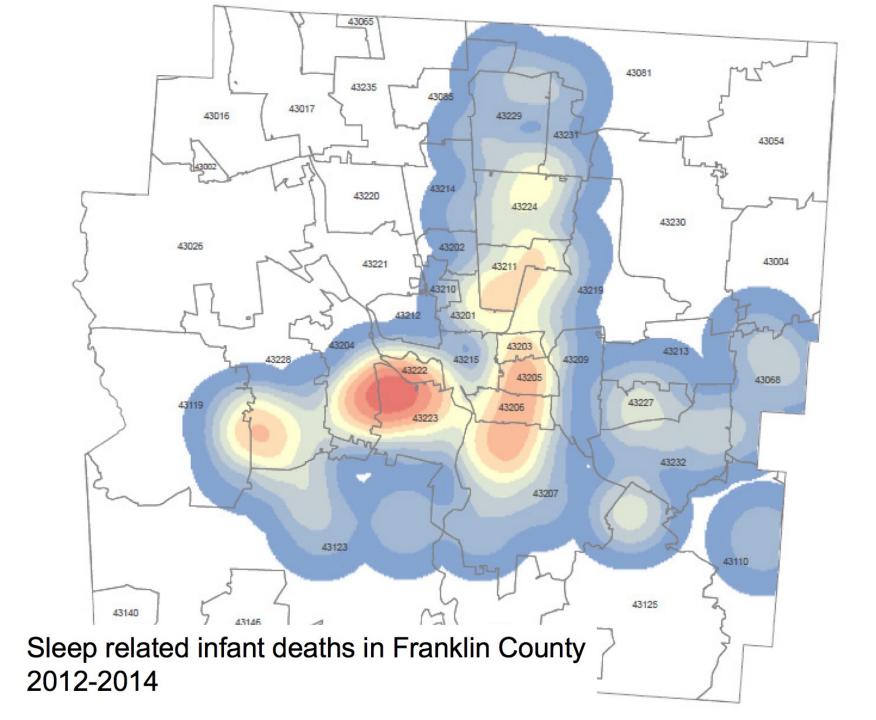
Perpetrator information was unknown in 25.9% of the cases



Morning
After school
After 10PM

Time of injury was unknown in 28.8% of the cases





Are children safer in states with strict firearm laws?

Safety Criteria

- Background checks on firearm sales
- Permit requirements
- Assault weapons and large capacity magazine ban
- Mandatory child safety lock requirements
- Regulating firearms at workplaces and colleges

All criteria weighted equally





Are children safer in states with strict firearm laws?

- The authors conclude "YES"
- Children living in states with strict firearm legislation are safer
- Efforts to improve and standardize national firearm control laws are warranted

Arash Safavi, MD, Peter Rhee, MD, Viraj Pandit, MD, Narong Kulvatunyou, MD, Andrew Tang, MD, Hassan Aziz, MD, Donald Green, MD, Terence O'Keeffe, MBChB, Gary Vercruysse, MD, Randall S. Friese, MD, and Bellal Joseph, MD, Tucson, Arizona



Do Gun Buyback programs work?

- Very little published research on gun buyback programs
- No prospective studies
- Number of guns collected is usually small compared to the number of guns in the community





Firearms and Crime - Columbus

- The rate of violent crime in Columbus is nearly twice the national average
- In Franklin County (population = 1.2 million), 25% of homicides can be connected to approximately 100 groups
- These groups represent a tiny fraction of the population
- The term "group" refers to any social network whose members commit violent crimes together





Group Violence Intervention (GVI)

- a partnership of law enforcement, community members, and social service providers
- Direct face to face communication with group members ("call ins" and "custom notifications")
- special enforcement measures for when a group commits violence
- a community moral voice (ex offenders, faith leaders, families of murder victims)





Group Violence Intervention

Carrot: broad range of social services aimed at changing the behavior of those who chose to participate

Stick: Guarantee of strong and swift punishment for the entire group for violence





Group Violence Intervention

- 42% reduction of gun homicide in Stockton, CA (1997-2002)
- 37% homicide reduction in Project Safe Neighborhoods (Chicago)
- 41% reduction in gang-related homicides (Cincinnati)
- <u>https://nnscommunities.org/strategies/group-</u> violence-intervention/





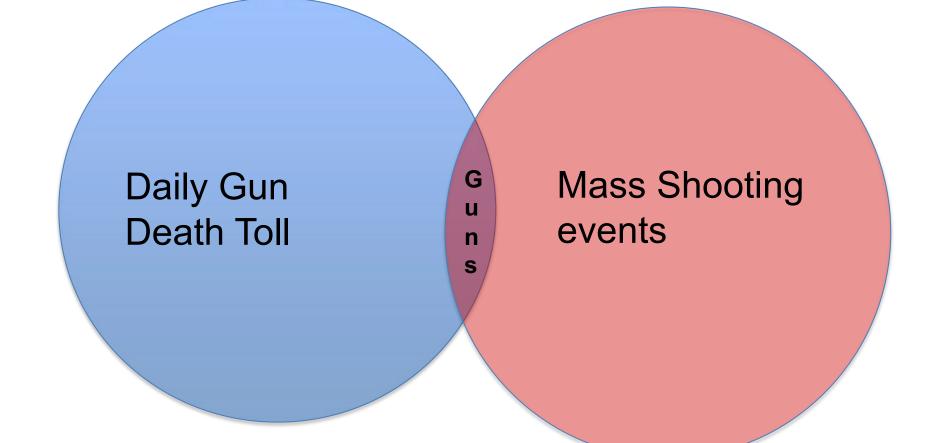
Mass Shootings

- Uvalde, Texas: elementary school
- Highland Park, IL: parade
- Colorado Springs: nightclub
- Chesapeake, VA: Walmart





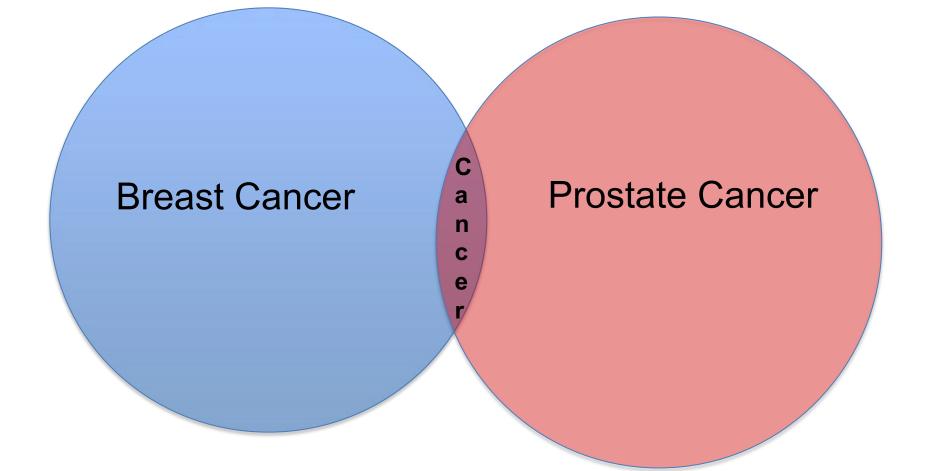
Daily Gun Death Toll vs. Mass Shootings







Analogy: daily death toll vs. Mass shootngs







Daily Gun Death Toll vs. Mass Shootings

Daily Gun Death Toll

- Mostly caused by handguns
- Weapon is often acquired illegally
- The victim and perpetrator often know each other
- Victims and perpetrators more likely to be non-white





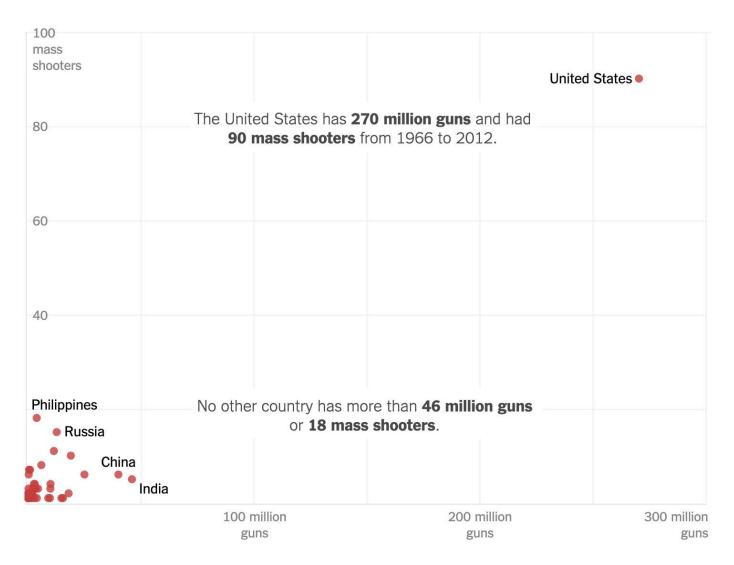
Daily Gun Death Toll vs. Mass Shootings

Mass shootings

- Perpetrators are often white and male (usually teen or young adult)
- Perpetrator often has a history of mental illness
- Weapon is usually a rifle and often has a high capacity magazine
- Weapon is often recently (and legally) purchased
- Victims are often strangers







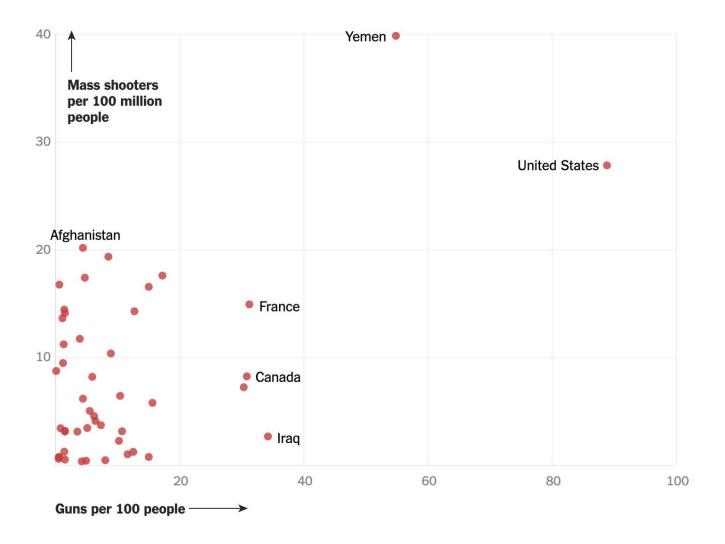
The New York Times | Source: Adam Lankford, The University of Alabama (shooters); Small Arms Survey (guns). Note: Includes countries with more than 10 million people and at least one mass public shooting with four or more victims.



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The New York Times | Source: Adam Lankford, The University of Alabama (shooters); Small Arms Survey (guns).





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Conclusions: legislation

State (or federal) firearm legislation that may reduce firearm injuries and deaths:

- •"Universal" background checks
- •Red flag laws
- •Ban on assault weapons and large capacity magazines
- •Mandatory child safety lock requirements
- •Regulating firearms at workplaces and colleges





Conclusions: firearm crime reduction

• The Group Violence Intervention has shown significant reductions in violence in other cities

•Requires using law enforcement "narrowly and strategically"

•Requires "buy in" by community

• There is evidence in the peer-reviewed literature that supports its use





Conclusions: Suicide

- Suicide prevention requires a complex, multidisciplinary effort involving health care professionals, parents, and schools but...
- The presence of handguns in a home with adolescents appears to greatly increase the risk of adolescent suicide





Conclusions: Mass shootings

- It is not clear if improved access to mental health services can reduce mass shooting events.
- It appears that policies that reduce sales of military-style rifles could help reduce mass shootings.







Columbus weighs gun control

City officials hold public hearing on measures

Cole Behrens Columbus Dispatch USA TODAY NETWORK

Columbus residents and those imacted by gun violence spoke in favor of proposed gun legislation package during a public hearing Tuesday as city officials say they have a narrow opportunity amid a legal dispute.

Gun violence survivors shared what they contend are laws that fail to protect people from an epidemic of individual shootings too often resulting from escalating verbal disagreements and mass shootings like the one over the weekend at the LGBQT bar in Colorado.

The proposed Columbus gun-control

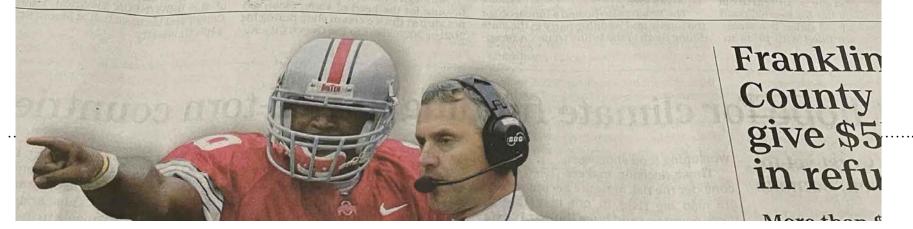
measures, announced earlier this month, would prohibit ordinary citizens possessing large-caliber ammunition magazines containing more than 30 rounds and require the safe storage of firearms when minors could reasonably be in danger of handling them.

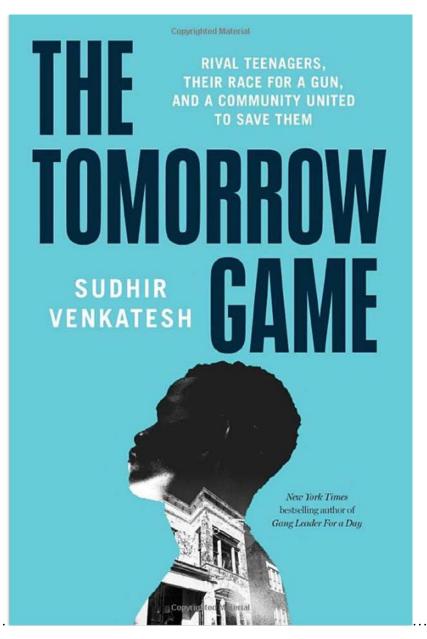
The proposed prohibitions would also target "straw men" gun sales, where people who can legally purchase firearms do so for those who can't.

Gun violence in Columbus: What can city do?

During the hearing, Columbus N Andrew J. Ginther said the city ne to take dramatic action and do " thing in our power" to tackle gu lence. The city has experienc straight years of record b

See GUN CONTROL, Page 5A









City of Columbus: Local Community Efforts on Firearm Related Violence

Presented by: Marian Stuckey, LISW-S, MBA, TRCC II Section Chief, Neighborhood Social Service



COLUMBUS PUBLIC HEALTH

Emergency Room Visits related to Gun Shot Wounds (GSW) and Felonious Assaults

On average in the past 3 years (2018-2021), there have been over **800** suspected GSW emergency room visits.

- There was a **128%** increase in suspected GSW emergency room visits over the past 11 years between 2010 (444) and 2021 (1,015)

- There was a 77% increase in suspected GSW emergency room visits between 2019 (572) and 2021(1015).
- Felonious Assaults: 1141 YTD, 2021: 1408.

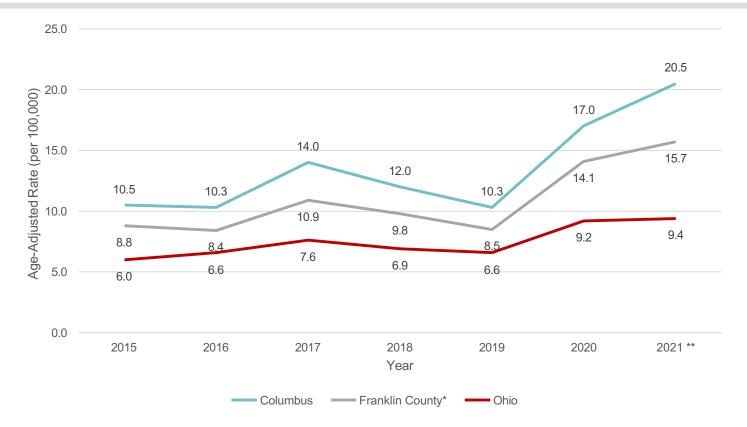
Source:

1 Data was downloaded from State of Ohio's EpiCenter surveillance tool, Analysis by Columbus Public Health. Counts include all emergency room visits that were classified as a suspected GSW injury.

2 Ohio Public Health Information Warehouse

- 3 https://www.columbus.gov/publichealth/programs/Child-Fatality-Review/CFR-Publications/
- 4 Columbus Police Departtment

Homicides



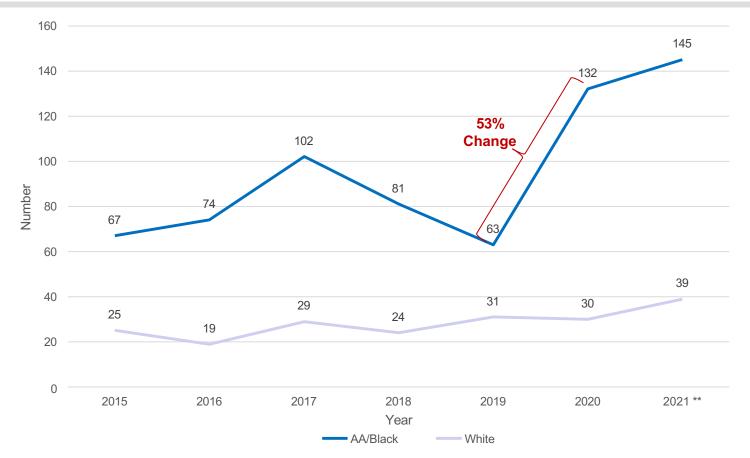
Source: Franklin County and Ohio: Ohio Public Health Information Warehouse; Columbus: Ohio Department of Health, Vital Statistics, Analysis Office of Epidemiology;

* Franklin County includes Columbus.

**Data considered preliminary.

Homicide by Race

Columbus



Source: Ohio Department of Health, Vital Statistics, Analysis Office of Epidemiology; **Data considered preliminary.

City of Columbus • Columbus Public Health

HealthMap 2022: Firearm Injury by Age

Franklin County HealthMap2022

Navigating Our Way to a Healthier Community Together

Firearm

0-17 years	7.8	23.2	
18-24 years	107.2	100.4	
25-44 years	36.2	49.8	
45-64 years	10.6	12.2	٨
65+ years	5.6	4.3	V

• Rate per 100,000

LEGISLATION RELATED TO GUN VIOLENCE

City of Columbus • Columbus Public Health

Common Sense Gun Safety in Columbus Proposed Legislation November 2022

- Prohibited Possession of Large Capacity Magazines
 - Limits position of military grade weapons includes weapons that have capacity for 30 or more rounds of ammunition.
- Safe Storage of Firearms
 - Penalties for those who fail to store firearms that minors could have access to.
- More Penalties for the Sale of Firearms to Anyone
 Prohibited

Violence as a Public Health Issue

- Declaration from Mayor's Office in May
- Education, Best Practices from national leaders, local voices on impact, and concluded with Recommendations for Mayor's Office
- Office of Violence Prevention will be established based on the recommendations
 - The Office of Violence Prevention will empower community partners and city departments to increase public safety, prevent violence, and promote healing through holistic, equity based, and trauma-informed approaches for the benefit of all who live and spend time in Columbus. Office to include 6 staff members.

CPH PROGRAMS

City of Columbus • Columbus Public Health

CPH Programs and Gun Violence

Stop the Bleed Trainings

 Injury Prevention and Alcohol and Drug Services: Lock box distribution to individuals and partners with agencies for limiting lethal means such as : Nationwide Children's Hospital, Syntero, OSU Harding Hospital, and now select Columbus City Schools. Just under 1200 given out in 2022

Neighborhood Social Services



Neighborhood Social Services

Whole Person and Family Care

- Continuum of Critical Services to Disrupt & Prevent Violence
- Violence increases when people are exposed trauma, stress, poverty and other risk factors
- Premise that Hurt People, Hurt People
- Layered Approach to working with those most at risk: Individuals, Families, and Communities.

Key Considerations for Anti-Violence Work

Focus People, Places, and Behaviors

Collaboration and Efficiency

Trauma Responsive Approach

City of Columbus • Columbus Public Health

Direct Violence Intervention

VOICE: Violence Outreach & Community Engagement

- Partners with Rec and Parks & Grant Hospital
- Provides intensive wraparound services to victims of violence at Grant who are referred by the hospital, including frequent contact, life skills support, and resource navigation
- Golden Opportunity for Intervention
- Social worker and Interventionist guide participants through four phases of treatment: crisis intervention, stabilization, action, and self-sufficiency.
- VOICE has worked with 23 participants. In the first year:
 - No participants were re-victimized
 - 65% obtained employment
 - 74% completed the trauma clinic follow ups.

Direct Violence Intervention

VOICE: Violence Outreach & Community Engagement

- VOICE has enrolled an additional 13 participants since the pilot period.
 - No current clients have returned to Grant or any other Hospital for re-injury due to violent crime.
 - 60% of clients have been referred or enrolled in a trauma or mental health counseling service.
- Medical Follow up:
 - 100% of clients attended Trauma (clinic) follow-up, 100% of clients are attending or have completed all medical follow-ups.

VOICE TESTIMONIALS



Grant Medical Center City of Columbus Recreation & Parks City of Columbus Public Health Department us Public Health

Direct Violence Intervention- Place Based Linden Anti-Violence Team

- Team will include a Program Manager, 2 Social Workers & 2 Outreach Workers
- Will provide place-based violence reduction and wrap around services to those at-risk for violence.
- Team will work closely with partners to provide immediate response and intervention when there is risk for violence to occur.

Direct Violence Intervention ReRoute Program

- Young adults aged 14-23
- Partners with Rec and Parks & Columbus Police Department
- 2 Pronged Approach
- Offers intensive wrap around services to youth and families
- Will be expanded to include social workers on all sides of Columbus -- an increase of 16 staff – and will include Community Clinical Counselors, Outreach Workers and Supervisors
- Staff will carry a case load of young adults

Direct Violence Intervention: Community Violence

- Protects youth and adults from accessing firearms
- Distributes gun lock boxes directly in the community, including at events and community locations
- 977 gun lock boxes have been distributed from April-November 2022

Direct Trauma Intervention Columbus CARE Coalition



- Community Action Resilience Empowerment
- Collaborative effort to address community trauma
 - Partnership that touches over 500 partners in Columbus
 - Both Staff and Volunteers. Includes five workgroups: COPE, New Members, Racial Trauma, Trauma Training, and Community Building
- Key Initiatives:
 - Post Homicide Outreach: Canvasses, debriefs, and family contact after a violent loss and other community traumas- sharing resources and grief baskets
 - Specialized programming: Youth Grief, Resilience Organizer Curriculum, Mourning Walks, Linden Bike Rides for Resilience, Speak Your Peace and CARE Space. Annual Remembrance Vigil.

Our Work in Action: Columbus CARE Coalition

- Mother lost two children to gun violence.
- CARE SW team made first contact with Grandmother and stayed in contact to provide support until Mother was ready to talk.
- CARE SW was able to provide emotional support, linkage with VOCA, and a grief basket. Connected with CMHA so that the Mom could move apartments, as the shooting happened directly outside of her home.
- Mom was able to then connect with Mothers of Murdered Children Columbus



Healing Campaign 2022

We are here to help.



() 614-645-6248 () columbus.gov/CARE





BUILDING STRONG COMMUNITIES, ONE PERSON AT A TIME.

We are here to help.



() 614-645-6248 () columbus.gov/CARE



City of Columbus • Columbus Public Health

Community Building & Healing Resilience Organizers/ One Block at a Time

- Build and develop block leadership to increase collective efficacy within the community based on the goals and wishes of residents
- Includes paid Resilience Organizers and funding for block improvements and incidentals



Community Building & Healing Poindexter Village Healing Conversations

- 4 residents of Poindexter Village will be trained to offer healing debriefings after instances of trauma and violence in their community.
- Poindexter Village Healing Conversations will reinforce that natural conveners and healers are part of every community.
- Will give residents skills and knowledge to support others by creating safe spaces for processing and connection to buffer the negative consequences of unresolved trauma and isolation.

New Initiatives MORE Life Partnership

- Columbus Public Health has contracted with Life Sparx LTD/The MORE Life Partnership.
- Faith based initiative to work closely with four churches in Columbus to provide therapeutic services and trauma support.

New Initiatives

Diversified Counseling

- Provides diversified counseling for homicide families through Starks Counseling and Consulting.
- Enhances services that address the cycle of violence after injury or loss of life.
- Neighborhood Social Services will be seeking proposals from agencies to provide 12 therapy sessions for 40 families after homicide in a culturally sensitive way.
- Also includes parent and sibling groups.

Get involved/ Further Resources

Be Smart/Moms Demand Action

• Stop the Bleed and Trauma Responsive Care Trainings

- Consensus-Driven Priorities for Firearm Injury Education Among Medical Professionals Article
 - Association of American Medical Colleges

Consensus-Driven Priorities for Firearm Injury Education Among Medical Professionals- 51 priorities

General/ Cross Cutting	IPV	Mass Violence	Peer Violence	Self- Harm	Unintentional Injury
Provide Counseling about firearm injury prevention to patients deemed to be at high risk based on epidemiologic data and clinical judgement using	Analyze gaps in clinical and social resources and how they impact the risk of violence to patients and families and influence decision making.	Understanding threat management resources within the health care setting.	Recognize the initial injury as an opportunity to link patients and families to prevention resources.	Describe principles for suicide risk assessment and communication about suicide.	Identify tools that can help families inquire about the accessibility of firearms in homes their children live and visit.

Motivational

Interviewing.



• Contact details:

Marian Stuckey, LISW-S, MBA, TRCC II MAStuckey@Columbus.gov

614-645-8554



Firearms and Suicide

Presentation for the Columbus Medical Association's Emerging Trends in Healthcare December 6th, 2022

C. Rosie Bauder, PhD, MPH, LPCC



Six out of every 10 gun deaths in the US are suicides, resulting in an average of **65 deaths a dav**

Source: Everytown Research

The Rise of Firearm Suicide Among Young Americans

n More: Child & Teen Gun Safety Extreme Risk Laws Gun Suicide Secure Gun Storage Waiting Periods

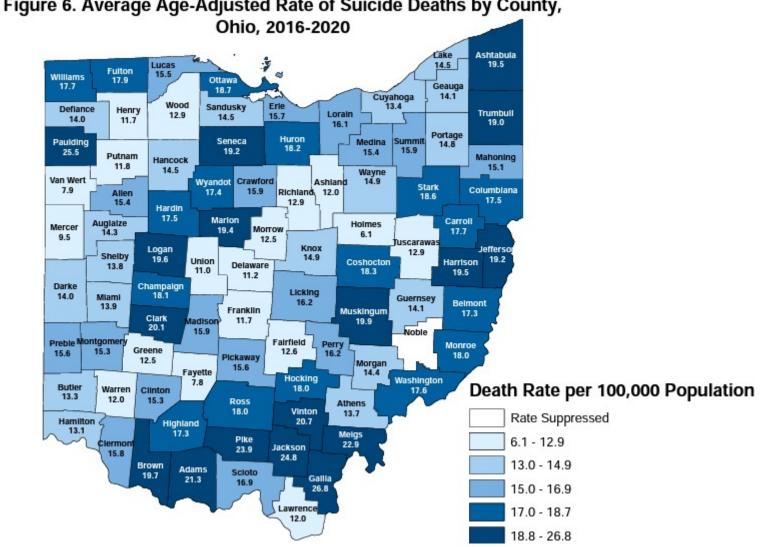
Guns & Suicide

The Hidden Toll

Special report by Madeline Drexler, Editor, Harvard Public Health Source: Issue Lab



ut mental health.

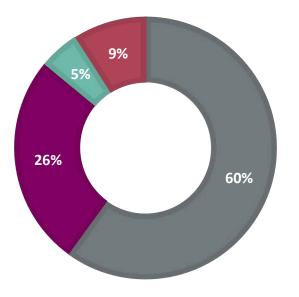


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Ohio 2020 Suicide Data

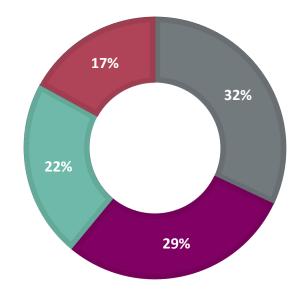
Percentage Of Suicide Deaths By Mechanism for Men

■ Firearm ■ Suffocation ■ Drug Posioning ■ Other



Percentage Of Suicide Deaths By Mechanism for Women

■ Firearm ■ Suffocation ■ Drug Posioning ■ Other



4

Three Core Assumptions

additional suicide attempts are unlikely if a suicidal crisis is survived

periods of acute suicidal distress are brief

easy access to lethal means is the strongest determinant of attempt outcome



Of those who attempt suicide...

25-40%

made the final decision to act within 5 minutes of the attempt 70%

made the final decision to act within 1 hour of the attempt

(SOURCE: Simon et al., 2001, Williams, Davidson & Montgomery, 1980)



Time before a suicide attempt occurs...

1-2 weeks	Begin thinking about attempting suicide
6 hours	Begin "mulling" (should I do it or not?)
2 hours	Begin thinking about <u>where</u> to attempt suicide Decide <u>how</u> to make suicide attempt
30 minutes	Decide where to make suicide attempt
5 minutes	Make final decision to attempt suicide



7

Three Core Assumptions

periods of acute suicidal distress are brief

additional suicide attempts are unlikely if a suicidal crisis is survived

easy access to lethal means is the strongest determinant of attempt outcome



Of those who attempt suicide...



do not go on to die by suicide



do not make another suicide attempt



(SOURCE: Owens, Horrocks, & House, 2002)

Three Core Assumptions

additional suicide attempts are unlikely if a suicidal crisis is survived

periods of acute suicidal distress are brief

easy access to lethal means is the strongest determinant of attempt outcome



Availability of firearms in the home

doubles

the odds of death by suicide by a resident of that home

(SOURCE: Brent & Bridge, 2003;, Brent et al., 1991; Brent et al., 1993; Kellermann et al., 1992) Storing firearms in unlocked and

unsecured manner correlated with

stronger association of suicide ideation with suicidal intent

relative to storing firearms in locked and/or secured manner

(SOURCE: Khazem et al., 2016)



Availability of means is strongly correlated with suicide attempt lethality

Unsafe storage, accessibility, and proximity of pesticides associated with increased likelihood of death by pesticide ingestion Among patients treated for self-inflicted gunshot wound, none wrote a suicide note, less than half had mental health diagnosis

(SOURCE: Eddleston et al., 2006)

(SOURCE: Peterson et al., 1985)



Practical Application

Safe storage campaigns – akin to "friends to let friends drive drunk"

 Bring loved ones into the conversation to promote safety

Lethal means counseling – work with gun owner to increase safety

Promote legislation with evidence supporting its efficacy

 Does not need to be a fight about the Second Amendment



Cultural competence

Conversations about suicide cannot be a fight about the virtues of gun ownership

- Nobody wants an outsider to tell them to change their ways
- Data typically do not alter strongly held convictions
- Success hinges on credibility
 - Learn about firearms so you feel more comfortable speaking about them and sound credible when you do so



Key Takeaways

#1	#2	#3
Unpredictability	Designated Drivers	"Buckle Up"
Suicidal crises can occur suddenly and unexpectedly, even among people without mental illness	Temporary restriction or limitation of firearm access during periods of elevated stress can reduce risk	Routine use of firearm locking devices can improve survival during an unexpected crisis or problem

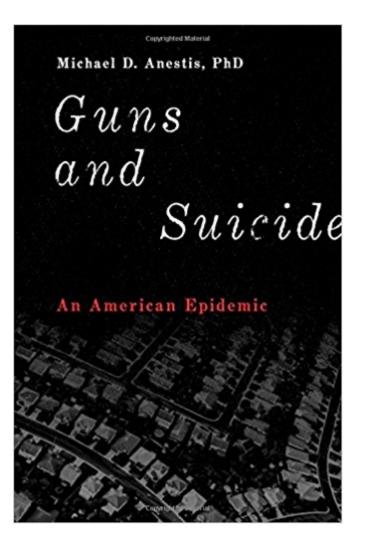
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Lethality

Firearms do not cause people to become suicide, but they make suicidal people far more likely to die #5 Alternatives nen prevented from using a spec

When prevented from using a specific method, people do not tend to just "find another way"





rethinking suicide

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WHY PREVENTION FAILS, AND HOW WE CAN DO BETTER

CRAIG J. BRYAN



Thank You

C. Rosie Bauder, PhD, MPH, LPCC rosie.bauder@osumc.edu



Federal, State, Local Public Policy Landscape

Federal: Bipartisan Safer Communities Act



- June, 2022 (post Uvaldi and Buffalo shootings)
- First "major bill" since 1994 (assault weapon ban for 10 years-expired)
- Passed House 234-193 (14 R's in favor)
- Passed Senate 65-33 (15 R's in favor)
- Provisions:
 - 1. Red Flag federal funding available to states to pay for their own program
 - 2. Background Checks enhanced prohibitions based on juvenile record checks, including mental health, beginning at age 16
 - 3. Background Checks enhanced domestic violence prohibitions
 - 4. Funding for states to include juvenile information in National Instant Criminal Background Check database
 - 5. Federal registration requirement expanded when sell firearms is primary income
 - 6. Financial support for Veterans, Drug, and Mental Health Courts. Also school security

Federal: House Judiciary Committee '23/'24

- US Representative Jim Jordan (R-Ohio) likely Chair
- Steve Dettelbach ATF Director. Former Federal Prosecutor from NE Ohio and Democratic candidate for Ohio AG in 2018
- Jordan concerned that ATF rule making process is usurping Congressional authority
 - 'Ghost guns' kits qualify as firearms and manufacturers subject to regulation
 - 'Stabilizing braces' subject to regulation



Ohio Legislative History on Gun Regulation



- 1993 Cleveland assault weapon ban upheld by Ohio Supreme C.
- 2004 Allow 21+ age to have a permitted concealed handgun
- 2006 Press prohibited from copy concealed carry permittees information following newspaper publishing of all permit holders
- 2006 State law must be uniform prohibit local differences. Impacted 38 ordinances, including assault weapon ban, location limits
- 2010 Ohio Supreme Court upheld uniform law requirement
- 2011 Expand concealed weapon access to public areas, bars, etc
- 2015 Press prohibited from seeing conceal carry permittees

State of Ohio – Recent History



- Expansion of Gun Rights. Bills Passed:
 - 1. Remove license requirement for 'conceal carry'
 - 2. Teachers authorized to carry weapons
 - 3. 'Stand Your Ground' passed to remove provisions for retreat
 - 4. Limit private property restrictions on carrying a gun restaurants, bars, private parking lots
- Under consideration 'Lame Duck' 2022
 - 1. HB 383 (Koehler) increase penalty repeat offender of illegal gun possession
 - 2. SB 357 (Dolan) allow judge to confiscate firearms in certain cases, bolstering background checks, provide more funding for mental health, co-signer <21
 - 3. SB 185 (Schaffer) guns sales are "essential businesses" and protect gun rights during an emergency declaration

Local Government – City of Columbus

- Home Rule/Local Control Court challenge to Ohio law "uniformity/no local more stringent than state"
- Stay in law, so potential "window" for local action.
- Stay removed, but under appeal (City Attny vs. Ohio Attny Gen.)
- Columbus City Council hearings/vote December:
 - 1. Prohibit "Straw Man" Sales
 - 2. Require Safe Gun Storage w/ Minors Reasonably Expected to Have Access
 - 3. Prohibit Possession of Magazines Above 30 Rounds of Ammunition
- Alternatives
 - Health Department and Public Nuisance Law
 - Align Columbus Law with Federal Law



Next Steps?



Legislative Changes/Court Challenges? 2022 Election Results:

- US Senate: Democrats with 50-49 majority (1 run-off TBD)
- US House: Republicans with 221-213 seat majority (1 open TBD)
- Ohio Senate: Republicans increased to 26-7, veto-proof majority
- Ohio House: Republicans increased to 68-31, veto-proof majority
- Governor, AG, Auditor, Treasurer: all incumbent Republicans won
- Ohio Supreme Court: maintained 4-3 Republican endorsed majority

Ballot Initiative Options? Baldwin Wallace Survey of Ohio Voters

<u>https://www.cleveland.com/news/2022/10/as-ohio-republicans-loosen-states-gun-laws-poll-finds-voters-overwhelmingly-favor-several-new-gun-restrictions.html</u>

Resources



"Pro-Firearm Control"

- US Conference of Mayors
 - https://www.usmayors.org/issues/gun-violence/
- States United to Prevent Gun Violence
 - <u>https://supgv.org/</u>
- Ohio Coalition Against Gun Violence
 - <u>https://ohioceasefire.org/about/</u>

"Anti-Firearm Control"

- Buckeye Firearms Association
 - https://www.buckeyefirearms.org/
- National Rifle Association
 - https://home.nra.org/