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OBJECTIVES

- 1. Firearm Injury in Pennsylvania
- 2. Activities to Date
- 3. Organizational Priorities
- 4. Intersection between the PTSF and CTCFIP





CONFLICT OF INTEREST DISCLOSURE

No personal disclosures.





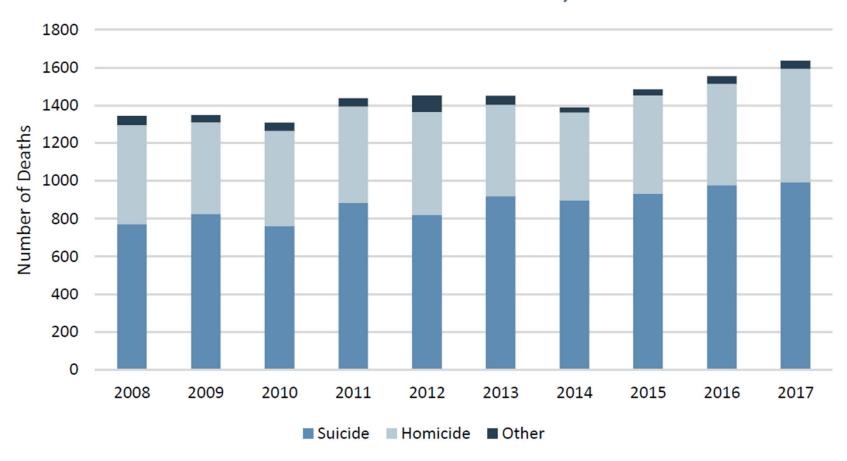
Firearm injury is a public health crisis.





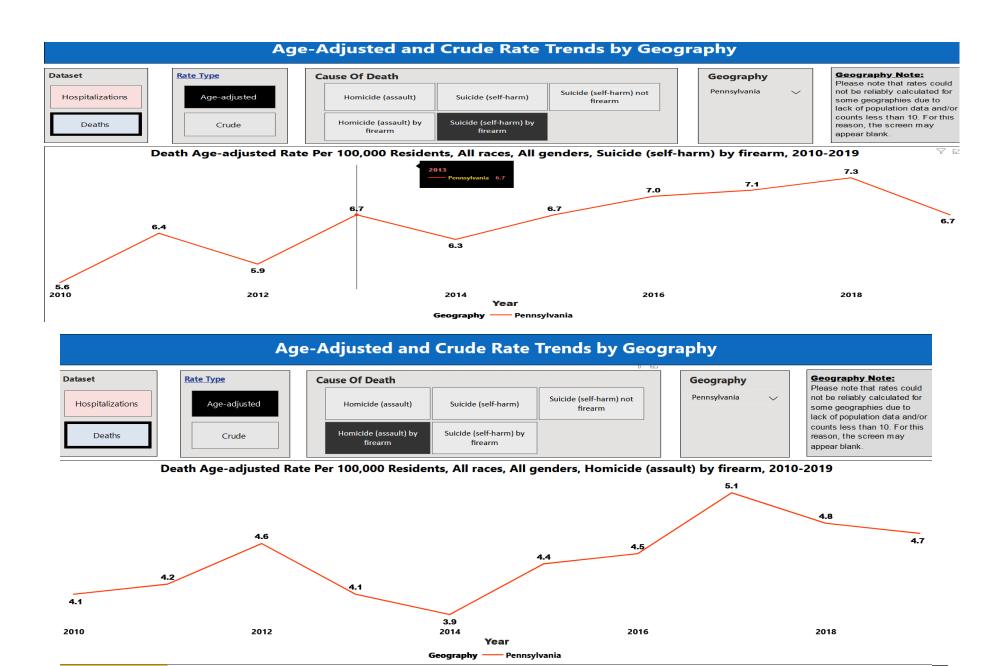
FIREARM DEATHS IN PA

FIREARM DEATHS IN PENNSYLVANIA, 2008-2017









COUNTY VARIATIONS

Age-adjusted gun death rate per 100,000

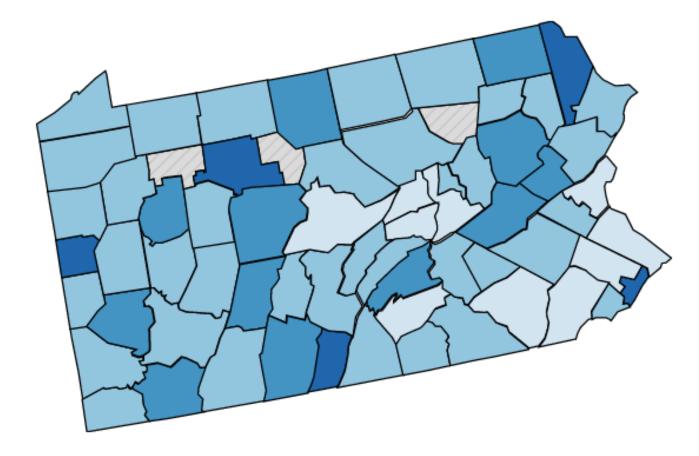




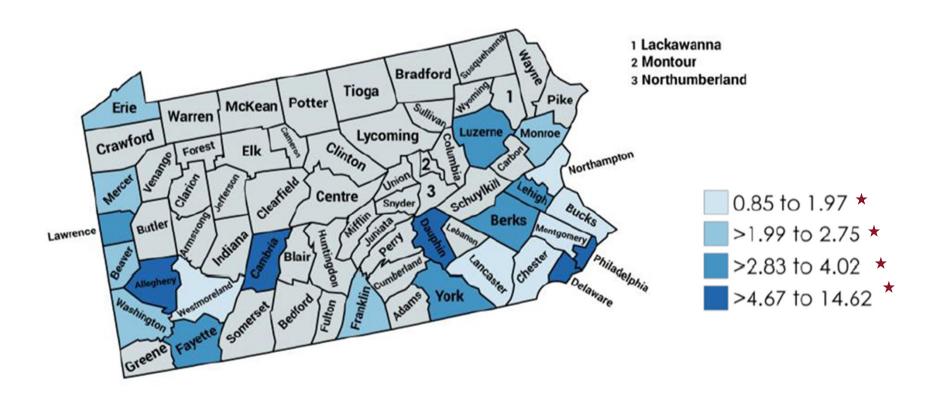








FIREARM DEATHS IN PA – HOMICIDE

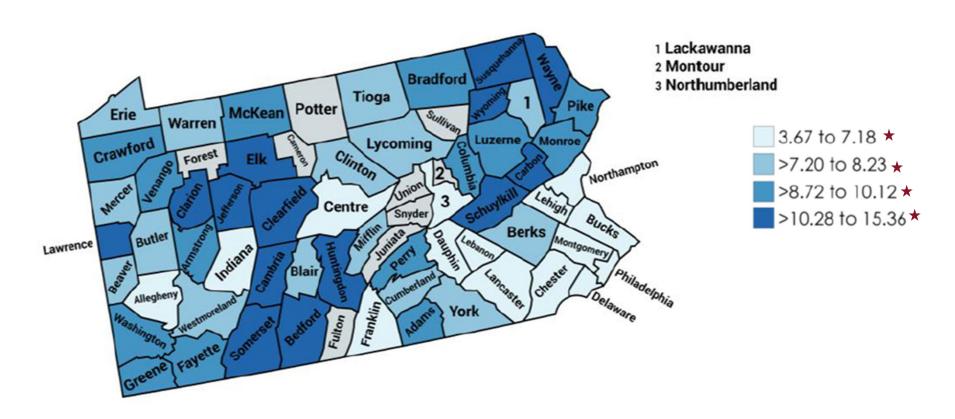


Death rates per 100,000 population





FIREARM DEATHS IN PA – SUICIDE



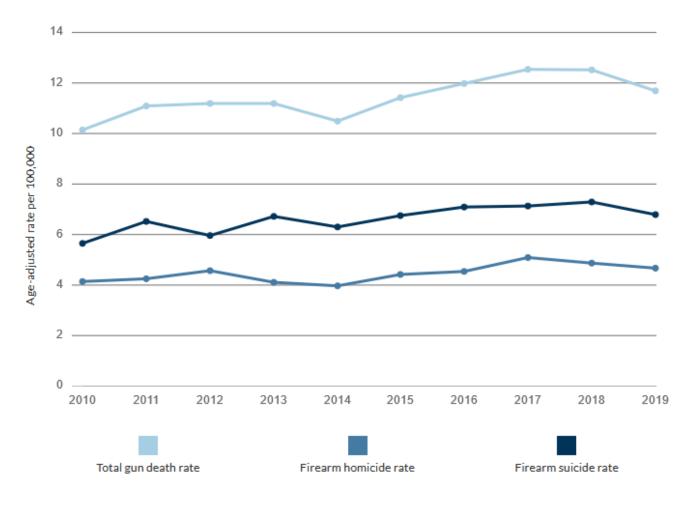
Death rates per 100,000 population





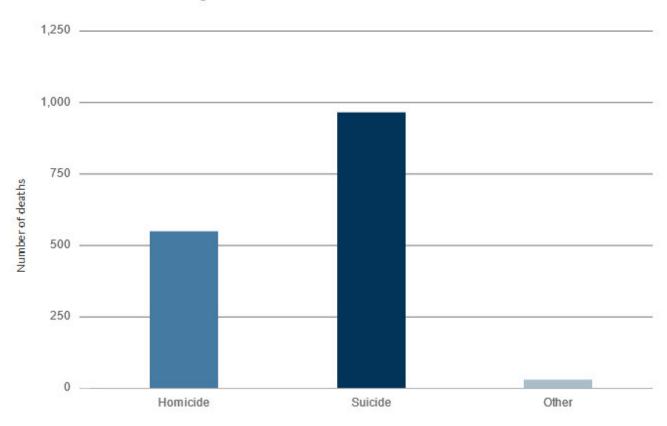
TRENDS OVER TIME

While one year does not denote a trend, the total gun death rate, firearm homicide rate, and firearm suicide rate all decreased from 2018 to 2019.



GUN DEATHS BY INTENT, 2019

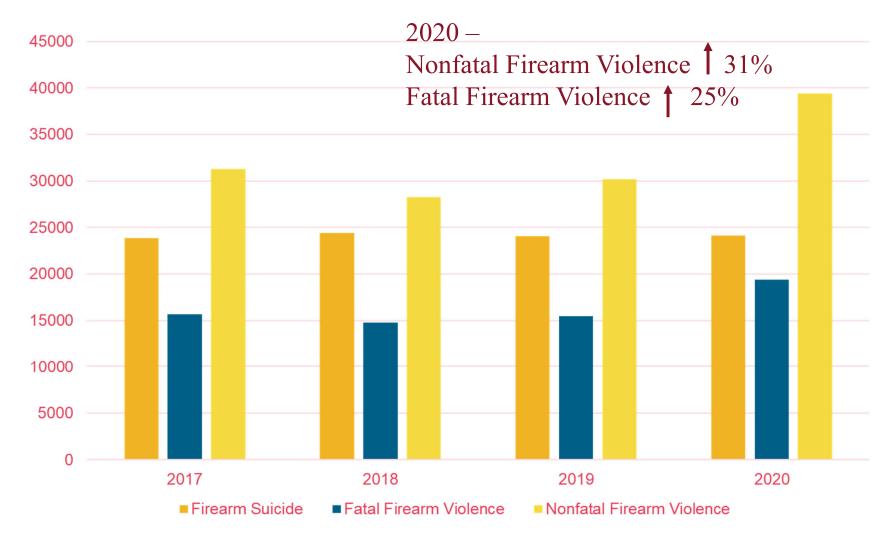
Nearly 1,600 Pennsylvanians died by gun violence in 2019, an average four people every day. Suicides were 63% of the gun deaths and homicides were 36%.

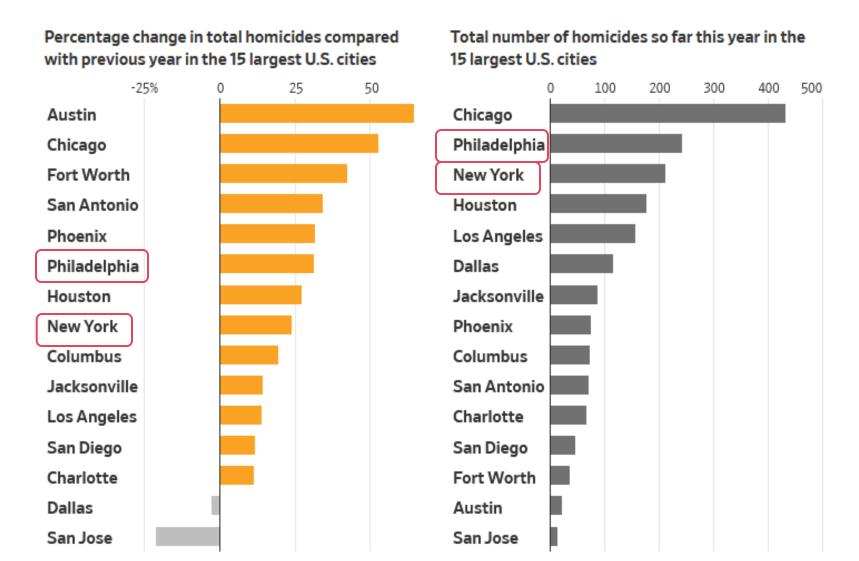


TRENDS IN ANNUAL SHOOTINGS



TRENDS IN NATIONAL SHOOTINGS





Note: Data as of July 27 (Dallas); July 26 (Charlotte, Chicago, Fort Worth, Jacksonville and Philadelphia); July 19 (New York); July 18 (Los Angeles); July 8 (Houston); July 6 (Columbus); June 30 (Austin, San Antonio, San Diego and San Jose); May 31 (Phoenix)

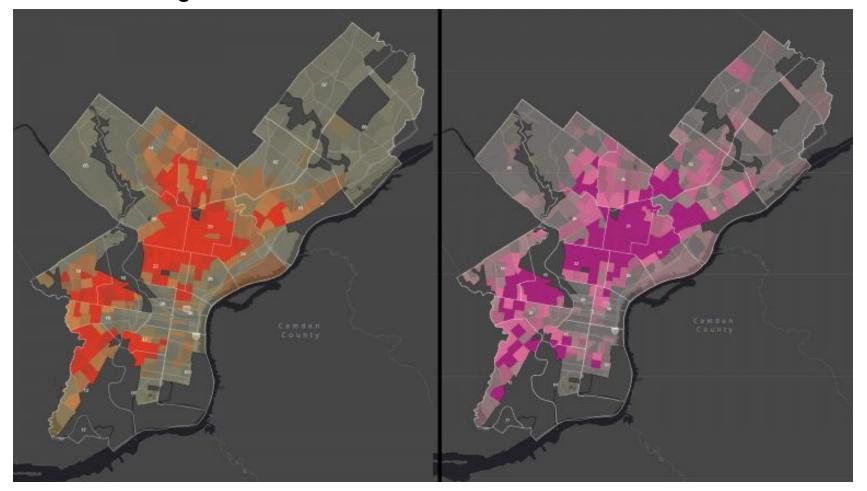
Source: WSJ analysis of cities' police departments data



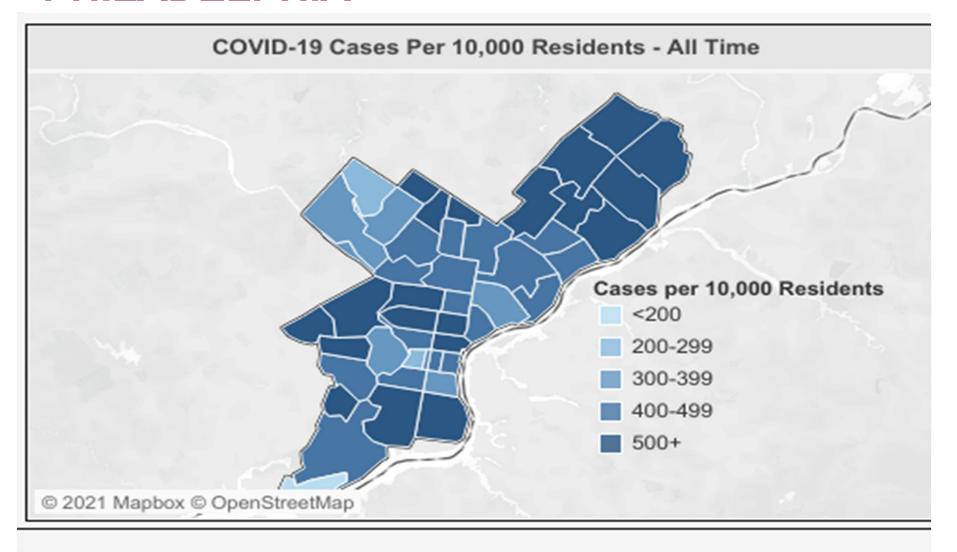
PHILADELPHIA

Shootings/1000 residents

% households in poverty

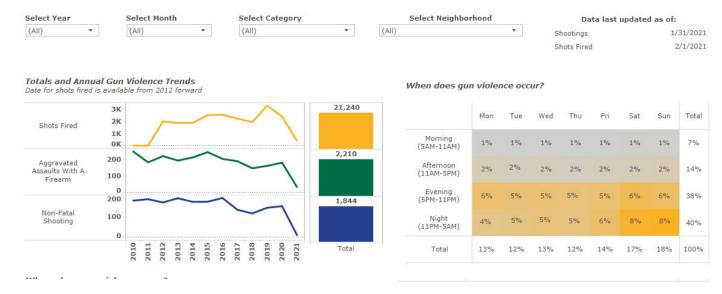


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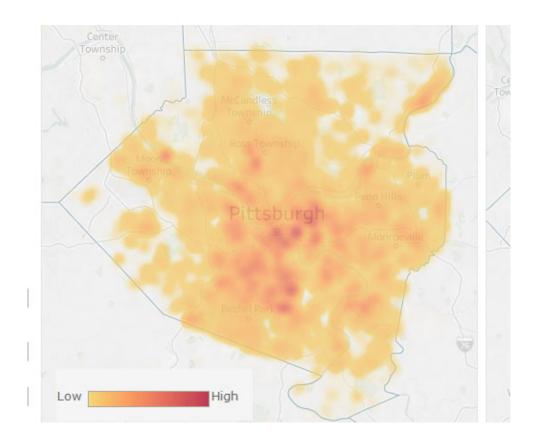


Gun Violence, City of Pittsburgh, 2010 to February 2021 Shootings, Aggravated Assaults with a Gun, and Dispatches for Shots Fired



Where does gun violence occur?





ASSESSMENT OF COMMUNITY-LEVEL DISPARITIES IN CORONAVIRUS DISEASE 2019 (COVID-19) INFECTIONS AND DEATHS IN LARGE US METROPOLITAN AREAS

Table 2. Model-Adjusted Expected Rates and Rate Ratios for Coronavirus Disease 2019 Infection and Death Rates

	Cumulative incident infections per 100 000 residents				Cumulative deaths per 100 000 residents			
	Model-adjusted rate		Rate ratio (95% CI)		Model-adjusted rate		Rate ratio (95% CI)	
County	Less-poverty county	More-poverty county	Less-poverty county	More-poverty county	Less-poverty county	More-poverty county	Less-poverty county	More-poverty county
Substantially White	169.3	84.7	1 [Reference]	1 [Reference]	8.2	3.3	1 [Reference]	1 [Reference]
Less diverse	321.7	321.7	1.9 (1.4-2.6)	3.8 (2.3-6.1)	14.8	15.4	1.8 (1.1-3.0)	4.7 (2.2-10.0)
More diverse	541.8	433.4	3.2 (2.3-4.6)	5.1 (3.3-8.0)	31.2	16.2	3.8 (2.2-6.7)	4.9 (2.4-9.7)
Substantially non-White	474.0	663.7	2.8 (1.8-4.4)	7.8 (5.1-12.0)	21.3	30.7	2.6 (1.1-6.5)	9.3 (4.7-18.4)

SOCIAL DETERMINANTS OF HEALTH IN RELATION TO FIREARM-RELATED HOMICIDES IN THE UNITED STATES: A NATIONWIDE MULTILEVEL CROSS-SECTIONAL STUDY

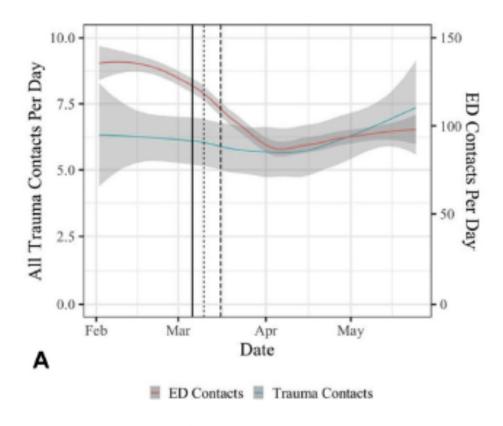
Correlate geolocated gun homicide incidents with SDH 13,060 incidents, Jan 2015-Dec 2015, nationwide

1-SD social capital 19% gun homicide rate
Upward social mobility 25% gun homicide rate

1-SD % residents in poverty 26% gun homicide rate



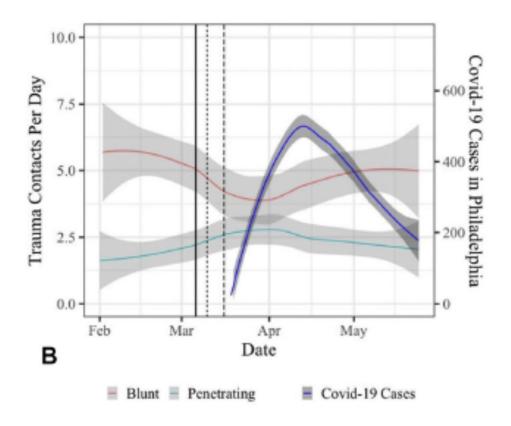
COVID-19 AND FIREARM VIOLENCE



PA Emergency Declaration : First Case in Philadelphia : PA Stay-at-Home Order



COVID-19 AND FIREARM VIOLENCE

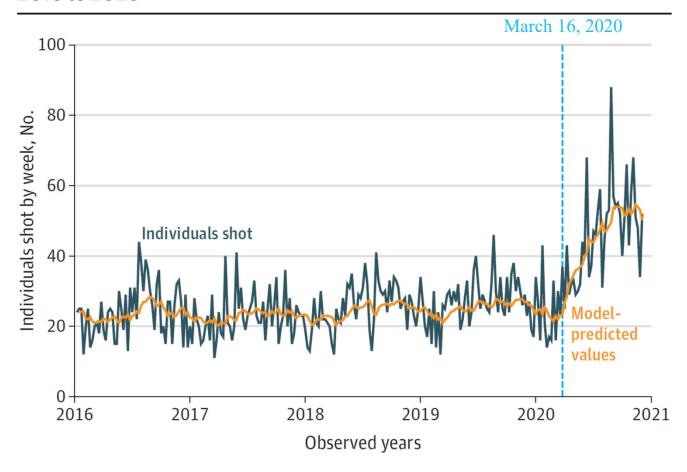


PA Emergency Declaration : First Case in Philadelphia : PA Stay-at-Home Order



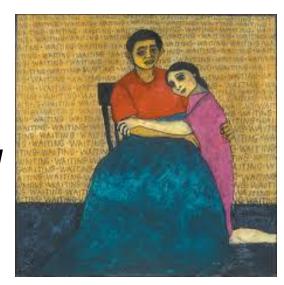
COVID-19 AND FIREARM VIOLENCE

Figure. Individuals Shot by Firearms per Week in Philadelphia, 2016 to 2020



HISTORY OF ORGANIZATION

- Trauma centers see impact of firearm injury
- Galvanized to action in wake of #thisisourlane
- AAST/EAST/ACS firearm injury prevention statement
- Physicians must advocate for the social, economic, educational, and political changes that ameliorate suffering and contribute to human well-being ¹







ACTIVITES TO DATE

December 2018 – Founded

January 2019 – Advocacy and Education Day on the Hill – Harrisburg

March 2019 – Planning meeting with Rep Stephens – ERPO

March 2019 – First presentation to PTSF

June 5, 2019 – Advocacy and Education Day on the Hill – Harrisburg

June 11, 2019 – Advocacy and Education Day on the Hill – Harrisburg

Sept 2019 – House Judiciary Committee Letters of Support Submitted

Sept 2019 – House Judiciary Committee Testimony

October 2019 – Fall PTSF Conference Presentation

June 2020 – PA Safety Alliance Partnership/Steering Committee

March 2021 – Advocacy and Education Day on the Hill – Harrisburg



LEGISLATIVE PRIORITIES

Pennsylvania State

- 1. Universal background checks
- 2. Extreme Risk Protection Orders (ERPO)
- 3. Safe Storage and Child Access Prevention
- 4. Opposition to the arming of school teachers

Federal

- 1. Universal background checks
 - -Bipartisan Background Checks Bill passed the House (HR8 supported by Brian Fitzpatrick (R) of PA)
 - -Charleston Loophole Closure Passed the House (HR1446)





EXTREME RISK PROTECTION ORDER

- 1. Concern that person is threat to self or others
- 2. Evidence presented to court
- 3. Court able to issue 'ex parte' interim ERPO
- 4. Full hearing within 10 days subject and attorney provide evidence and testimony
- 5. Court rules in favor of one year prohibition of access to firearms and ammunition
- 6. Termination hearing can be requested at any time

Last Session: HB1075, SB90



LEWIS KATZ SCHOOL OF MEDICINE AT TEMPLE UNIVERSITY | TEMPLE UNIVERSITY HEALTH SYSTEM

ERPO

1999 First ERPO law (Connecticut)

2005-2017 4 states passed ERPO

2018 8 additional states passed ERPO

2019 Total of 19 states and D.C passed ERPO

Indiana's law reduced firearm suicide by 7.5 % ¹ Connecticut's law reduced firearm suicide by 13.6 % ¹





ERPO

One life saved for every 10-20 risk-warrants issued 1,2

60% of gun deaths are suicides. ³

85% of suicide attempts with firearm fatal.

Temporarily reducing access to firearms significantly increases the likelihood of surviving a suicidal crisis.4

80% of people who attempt suicide will not try again.5



¹ Swanson, et al. Law & Contemp. Probs. 80, 179. 4

⁴ Miller, et al. Annual review of public health, 33, 393-408.

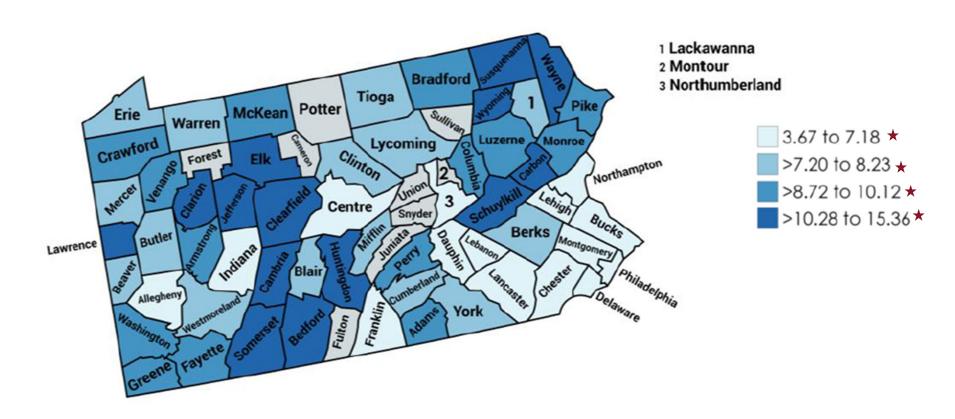




² www.efsqv.org

³ www.cdc.gov/injury/wisgars/fatal injury reports

FIREARM DEATHS IN PA - SUICIDE



Death rates per 100,000 population





NON-LEGISLATIVE PRIORITIES

- 1. Coalition Best Practice Recommendations
- 2. Safe Storage Screening at all Trauma Centers
- Support of gun education partnerships
- 4. Research on firearm injury and prevention strategy





PTSF AND CTCFIP

- 1. Conceptual support for Coalition
- Collaboration to utilize PTOS data for research, policy development and policy evaluation
 - a. How effective are policies?
- 3. Review Coalition Best Practices
- 4. Collaborate to integrate safe storage screening practices at trauma centers statewide
- 5. Educational collaboration
 - a. Conferences
 - b. Patient resources





QUESTIONS

Co-Founders:

Dr. Jessica Beard, MD, MPH – Temple University

Dr. Raquel Forsythe – University of Pittsburgh

Dr. Amy Goldberg, MD – Temple University

Participating Members from:

Abington Health Geisinger Holy Spirit Crozer Keystone Health Geisinger Medical Center Einstein Health Lankenau Medical Center **Jefferson University** Geisinger Wyoming Valley Lehigh Valley Hospital University of Pittsburgh Lehigh Valley Hospital **Geisinger Community** Allegheny General Hospital Reading Health Center **UPMC** Presbyterian WellSpan York Hospital Lancaster General Hospital Children's Hospital of PA

Crozer Keystone Health St. Christopher's Hospital University of Pennsylvania

Temple University Hospital



PennState Health

