Gun Violence by the Numbers

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Purpose of this Overview

Provide overall context for gun violence "by the numbers" both nationally and in Wisconsin

Develop a shared understanding of the measurement and frequency of gun violence in recent years

What is gun violence?

What is gun violence?

Gun-related violence is violence committed with the use of a firearm

Types of gun-related violence

- Includes firearm homicides, firearm suicides, nonfatal shootings, unintentional firearm injuries
- Also includes brandishing a firearm and other crimes involving a firearm that don't result in injury
- Gun violence encompasses multiple aspects of interpersonal violence
 - Community violence
 - Individual acts of violence, mass shootings, school or workplace shootings
 - Family, domestic, or intimate partner violence

How do we measure gun violence and why is it important?

How do we measure gun-related violence?

- Public Health often measures gun-related violence by injury
- Law Enforcement often measures gun-related violence by crimes involving a firearm

Why are we talking about gun violence?

- Gun violence has an impact on individuals, families, and communities across the state and the country
- Gun violence is a leading cause of premature death in the U.S.
- Gun violence has become a leading causes of death for children and young adults ages 0 to 19
- Gun violence should be something we are all working collectively to address

Data Sources

- Mortality data from CDC's WONDER online query tool
- Injury data from CDC's WISQARS online query tool
- •Crime data from Federal Bureau of Investigation's Crime Data Explorer online query tool
- •Wisconsin data from the Department of Health Services WISH online query tool

Gun Violence in 2020

Nationally

- 44,610 deaths due to firearms¹
- 124 deaths per day from firearms
- Over half of firearm deaths are suicides and slightly under half are homicides
- 179,867 firearm related violent crimes²

Wisconsin

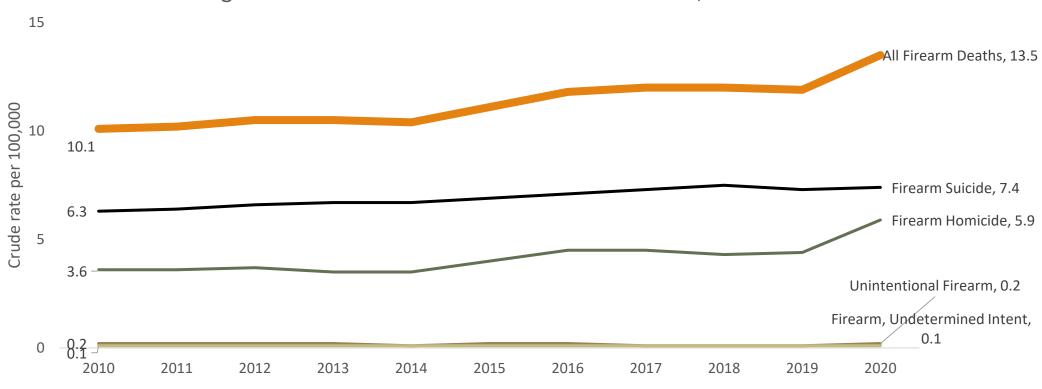
- 712 deaths due to firearms³
- Almost 2 deaths per day from firearms
- 1,297 firearm related hospitalizations³
- 4,953 firearm related violent crimes²

Source:

- 1. Centers for Disease Control and Prevention, National Center for Health Statistics. National Vital Statistics System, Mortality 1999-2020 on CDC WONDER Online Database, released in 2021.
- 2. Federal Bureau of Investigation, Uniform Crime Reporting Program. Online Crime Data Explorer.
- 3. Wisconsin Dept. of Health Services, Division of Public Health, Office of Health Informatics. Wisconsin Interactive Statistics on Health (WISH) data query system, https://www.dhs.wisconsin.gov/wish/index.htm, Injury-Related Mortality Module, accessed 5/24/2023

Trends-National Firearm Deaths

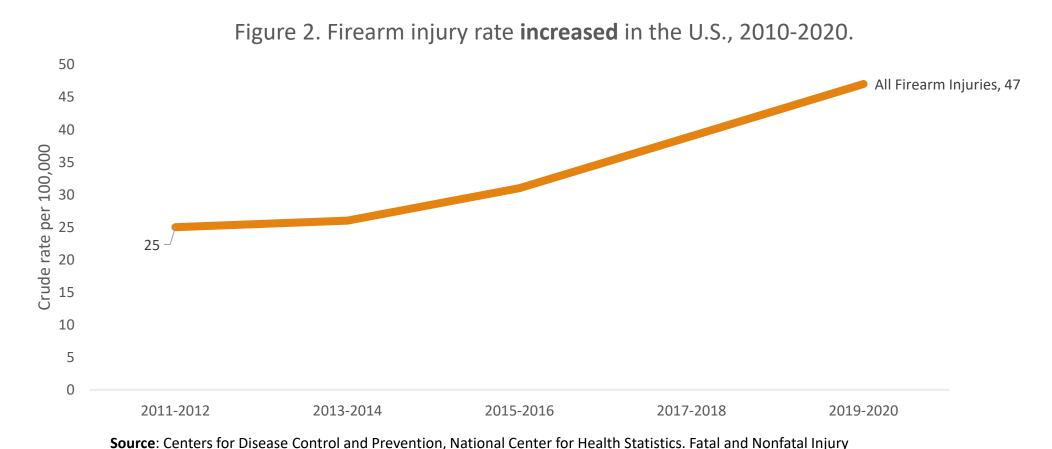
Figure 1. Firearm death rate increased in the U.S., 2010-2020.



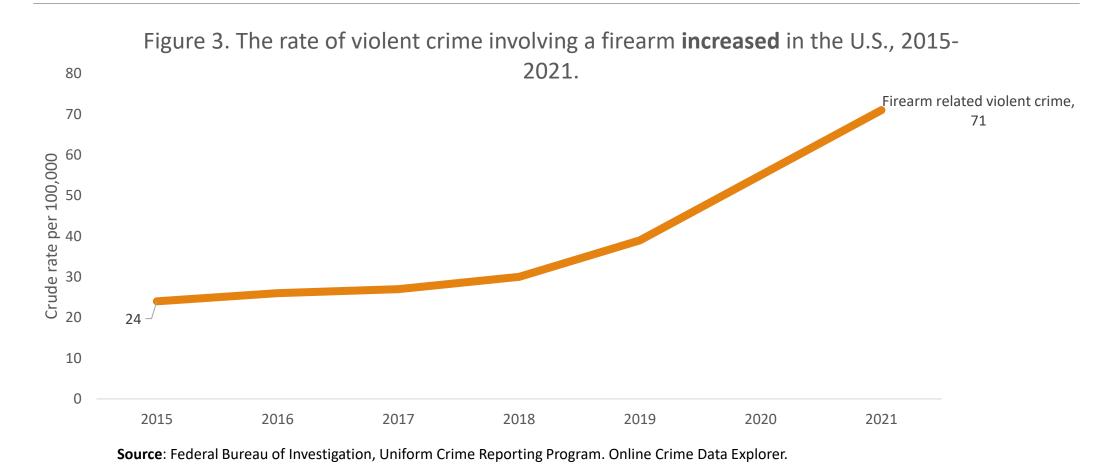
Source: Centers for Disease Control and Prevention, National Center for Health Statistics. National Vital Statistics System, Mortality 1999-2020 on CDC WONDER Online Database, released in 2021.

Trends-National Firearm Injuries

Reports, on CDC WISQARS Online Database.



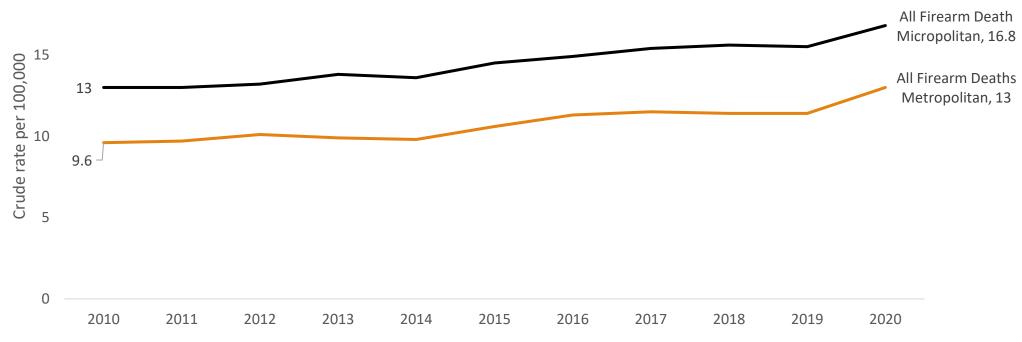
Trends-National Violent Crime Involving a Firearm



Trends-National Firearm Deaths by Rurality

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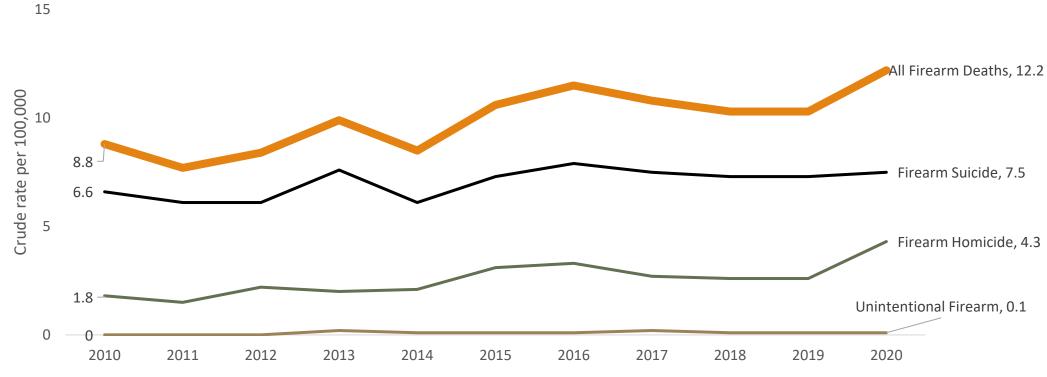
Figure 4. Firearm death rates **increased** for both micropolitan and metropolitan municipalities in U.S., 2010-2020.



Source: Centers for Disease Control and Prevention, National Center for Health Statistics. National Vital Statistics System, Mortality 1999-2020 on CDC WONDER Online Database, released in 2021.

Trends-Wisconsin Firearm Deaths

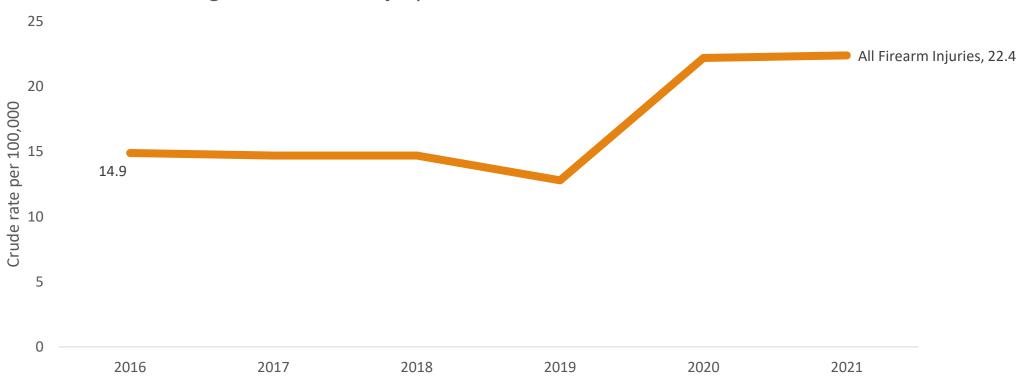
Figure 5. Firearm death rate **increased** in Wisconsin, 2010-2020.



Source: Wisconsin Dept. of Health Services, Division of Public Health, Office of Health Informatics. Wisconsin Interactive Statistics on Health (WISH) data query system, https://www.dhs.wisconsin.gov/wish/index.htm, Injury-Related Mortality Module, accessed 5/24/2023.

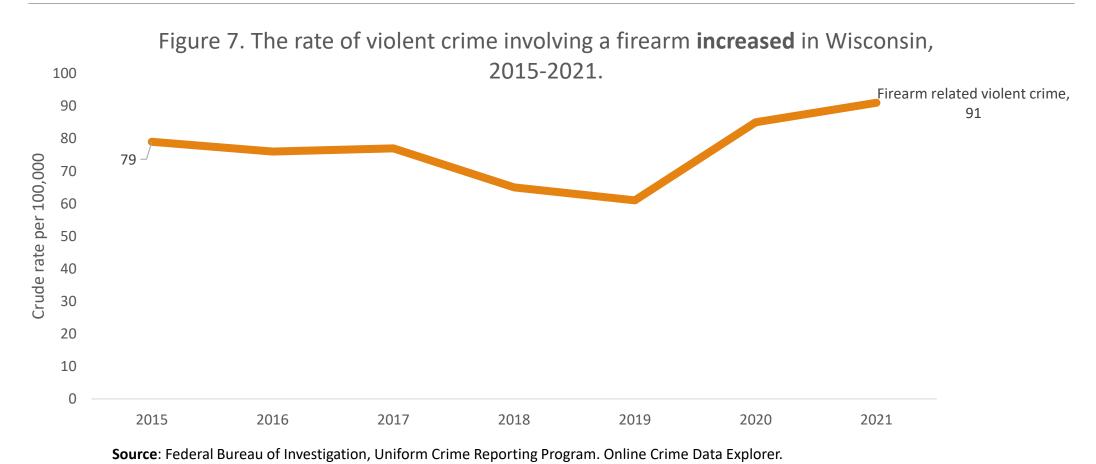
Trends-Wisconsin Firearm Injuries





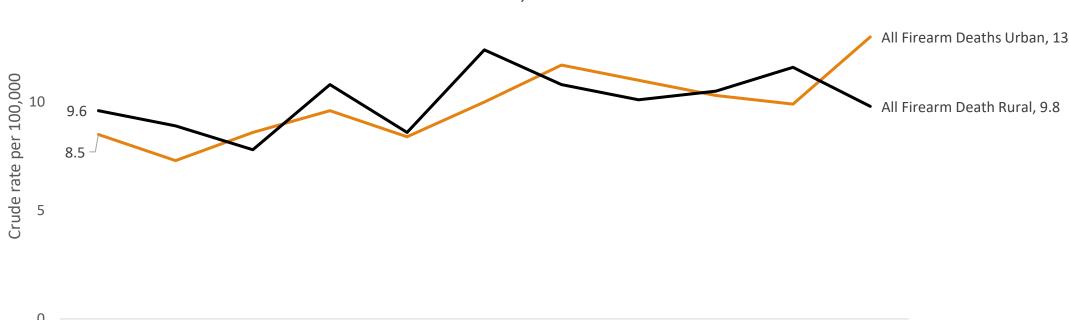
Source: Wisconsin Dept. of Health Services, Division of Public Health, Office of Health Informatics. Wisconsin Interactive Statistics on Health (WISH) data query system, https://www.dhs.wisconsin.gov/wish/index.htm, Injury-Related Emergency Department Visits Module, accessed 5/24/2023.

Trends-Wisconsin Violent Crime Involving a Firearm



Trends-Wisconsin Firearm Deaths by Rurality

Figure 8. Firearm death rates **increased** for both rural and urban counties in Wisconsin, 2010-2020.



Source: Wisconsin Dept. of Health Services, Division of Public Health, Office of Health Informatics. Wisconsin Interactive Statistics on Health (WISH) data query system, https://www.dhs.wisconsin.gov/wish/index.htm, Injury-Related Mortality Module, accessed 5/24/2023.

Demographics of Firearm Death Victims, 2020

Demographic	National Rate ¹	Wisconsin Rate ²
Male	23.7	21.6
Female	3.7	2.9
5-14 years	1.5	*
15-24 years	22.0	17.6
25-34 years	22.2	19.1
35-44 years	16.3	16.2
45-54 years	13.1	13.0
55-64 years	11.7	11.4
65-74 years	10.8	11.6
75-84 years	15.3	12.6
85+ years	16.2	14.2

Source:

- Centers for Disease Control and Prevention, National Center for Health Statistics. National Vital Statistics System, Mortality 1999-2020 on CDC WONDER Online Database, released in 2021.
- 2. Wisconsin Dept. of Health Services, Division of Public Health, Office of Health Informatics. Wisconsin Interactive Statistics on Health (WISH) data query system, https://www.dhs.wisconsin.gov/wish/index.htm, Injury-Related Mortality Module, accessed 5/24/2023.

Note: *Unable to calculate due to data suppression

Demographics of Firearm Death Victims, 2020

Demographic	National Rate ¹	Wisconsin Rate ²
White	11.5	9.8
Black	30.1	44.4
American Indian	11.4	*
Asian	2.9	3.0
Hispanic	7.9	9.3
Non-Hispanic	14.8	12.4

Source:

- Centers for Disease Control and Prevention, National Center for Health Statistics. National Vital Statistics System, Mortality 1999-2020 on CDC WONDER Online Database, released in 2021.
- 2. Wisconsin Dept. of Health Services, Division of Public Health, Office of Health Informatics. Wisconsin Interactive Statistics on Health (WISH) data query system, https://www.dhs.wisconsin.gov/wish/index.htm, Injury-Related Mortality Module, accessed 5/24/2023.

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Key Takeaways

- •Gun related violence is increasing with respect to deaths, injuries, and crimes Nationally as well as in Wisconsin.
- •Suicide and homicides make up most of the gun-related violence.
- •Firearm related death is an issue in urban as well as rural areas.
- Young men have the highest rates of firearm deaths



Questions