

Cause of Death Analysis

Spotlight: Assault (Homicide) by Discharge of Firearms

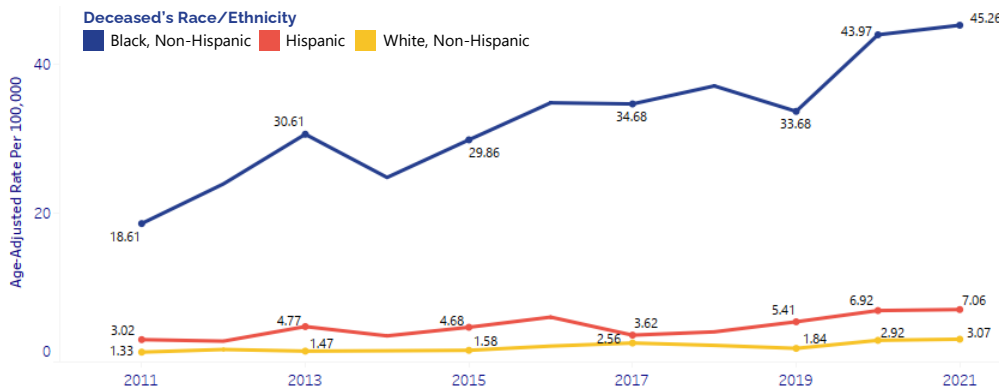


Office of
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Indiana saw a 17% increase in total deaths per 100,000 from 2019 to 2020. Deaths by assault (homicide) by discharge of firearms was the 13th largest increase among C113 causes of death, rising from 356 deaths in 2019 to 491 in 2020. Similarly, in 2020 the U.S. saw the highest level of gun deaths in recorded years (Gramlich, 2022). Deaths by assault (homicide) by discharge of firearms disproportionately affect Indiana's Black or African American, non-Hispanic population.

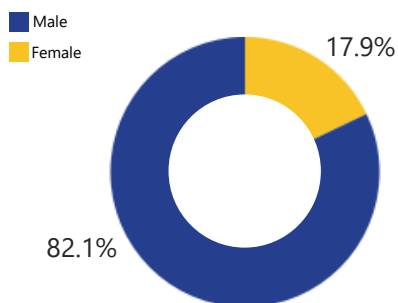
Deaths in Indiana by Assault (Homicide) by Discharge of Firearms Over Time



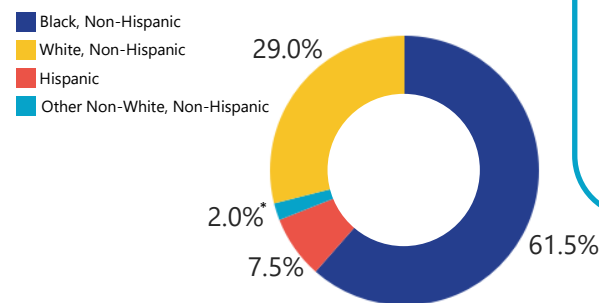
From 2019 to 2020, deaths by assault (homicide) by discharge of firearms per 100,000 increased by 58.7% for white, non-Hispanic Hoosiers, 27.9% for Hispanic Hoosiers, and 30.6% for Black or African American, non-Hispanic Hoosiers. From 2011 to 2021, deaths due to assault (homicide) by discharge of firearms were significantly higher among Black or African American, non-Hispanic Hoosiers than Hispanic and white, non-Hispanic Hoosiers.

Demographics of 2020 Deaths by Assault (Homicide) in Indiana by Discharge of Firearms

Deceased's Gender



Deceased's Race/Ethnicity



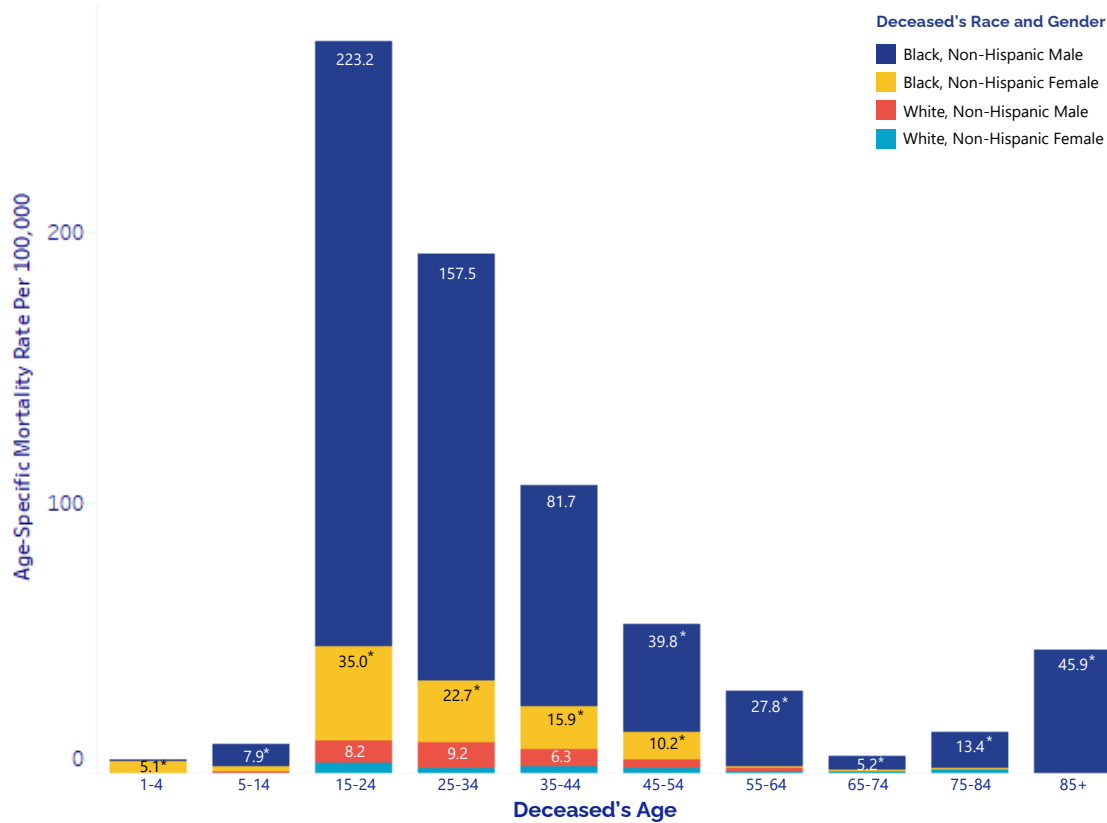
Men (403 deaths) and Black or African American, non-Hispanic Hoosiers (302 deaths) made up the majority of assault (homicide) by discharge of firearms deaths in 2020.

*Indicates fewer than 20 incidents.

Fast Facts

- From 2019 to 2020, deaths by assault (homicide) by discharge of firearms per 100,000 in Indiana increased by **38.5%**.
- Assault (homicide) by discharge of firearms deaths per 100,000 among Black or African American, non-Hispanic Hoosiers increased by **143%** from 2011 to 2021.
- **62%** of all deaths by assault (homicide) by discharge of firearms from 2011-2021 in Indiana were Black or African American, non-Hispanic men and women.

2020 Deaths by Assault (Homicide) in Indiana by Discharge of Firearms by Race, Gender, and Age



In 2020, deaths per 100,000 caused by assault (homicide) by discharge of firearms were highest among Black or African American, non-Hispanic men ages 15-24. 76.2% of the deaths among Black or African American, non-Hispanic Hoosiers were men ages 15-44.

Summary

2020 saw a large increase in deaths due to assault (homicide) by discharge of firearms in Indiana and nationwide. Deaths by assault by discharge of firearms have historically and continue to disproportionately impact Black or African American, non-Hispanic Hoosiers, especially men ages 15-24.

54% of deaths by assault (homicide) by discharge of firearms in 2020 were Black or African American, non-Hispanic men.

Black or African American, non-Hispanic men made up the majority of deaths by assault (homicide) by discharge of firearms in 2020, despite making up less than 5% of Indiana's population.

References:

- Gramlich, J. (2022). *What the Data Says About Gun Deaths in the U.S.* Pew Research Center. <https://www.pewresearch.org/fact-tank/2022/02/03/what-the-data-says-about-gun-deaths-in-the-u-s/>
- The Johns Hopkins Center for Gun Violence Solutions. (2022). *A Year in Review 2020 Gun Deaths in the U.S.* <https://publichealth.jhu.edu/sites/default/files/2022-05/2020-gun-deaths-in-the-us-4-28-2022-b.pdf>
- Kegler, S. R., Simon, T. R., Zwald, M. L., Chen, M.S., Mercy, J. A., Jones, C. M., Mercado-Crespo, M. C., Blair, J. M., Stone, D. M., Ottley, P. G., Dills, J., (2022). *Vital Signs: Changes in Firearm Homicide and Suicide Rates—United States, 2019-2020.* CDC. <https://www.cdc.gov/mmwr/volumes/71/wr/mm7119e1.htm>

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For additional information on Indiana Health Stats:
gis.in.gov/apps/isdh/meta/stats_layers.htm

*Indicates fewer than 20 incidents.

The calculations in this analysis use U.S. Census population data.



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