

# Youth Gun Violence Call to Action Data Presentation

Jennifer Zuker

Epidemiology Manager

12/11/23



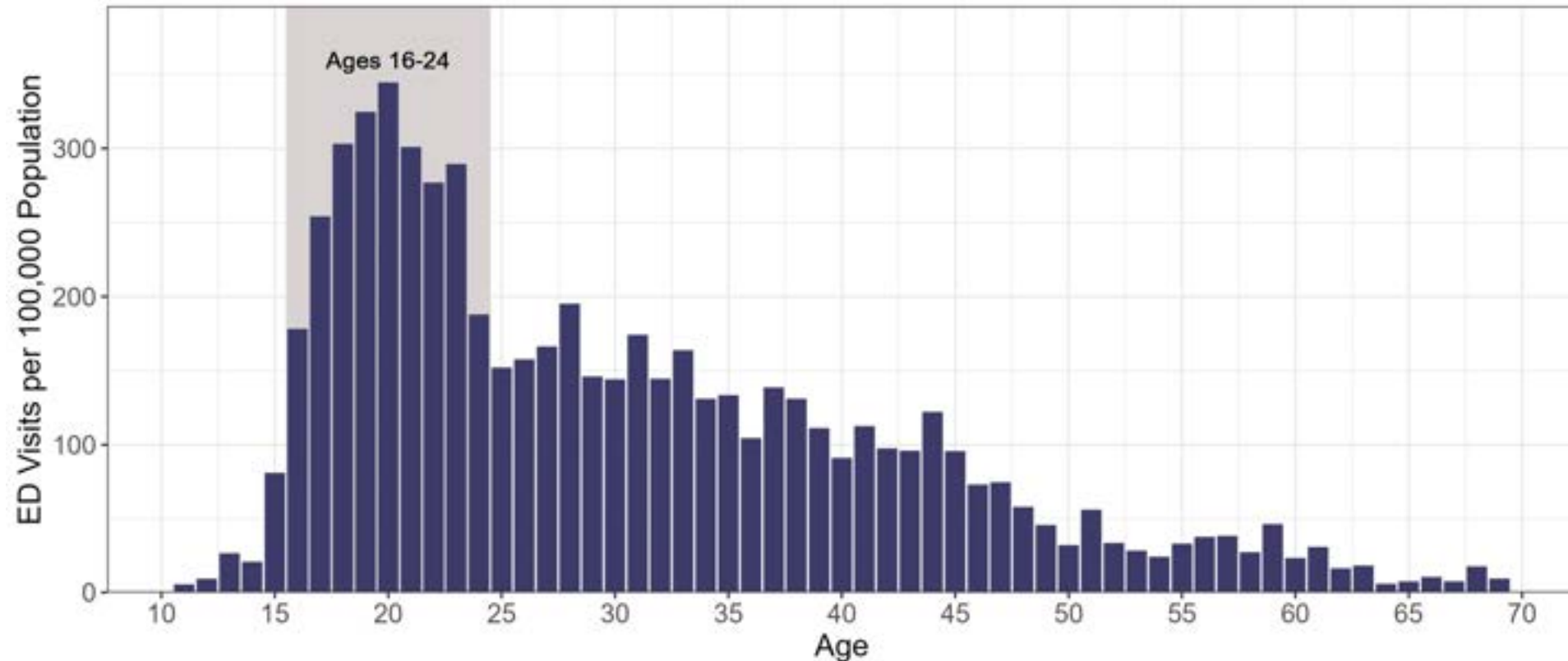
**MARION COUNTY**  
**PUBLIC**  
**HEALTH**  
**DEPARTMENT**

**Prevent. Promote. Protect.**

# Who is at most risk?

# Ages 16-24 are the most at risk for firearm injuries.

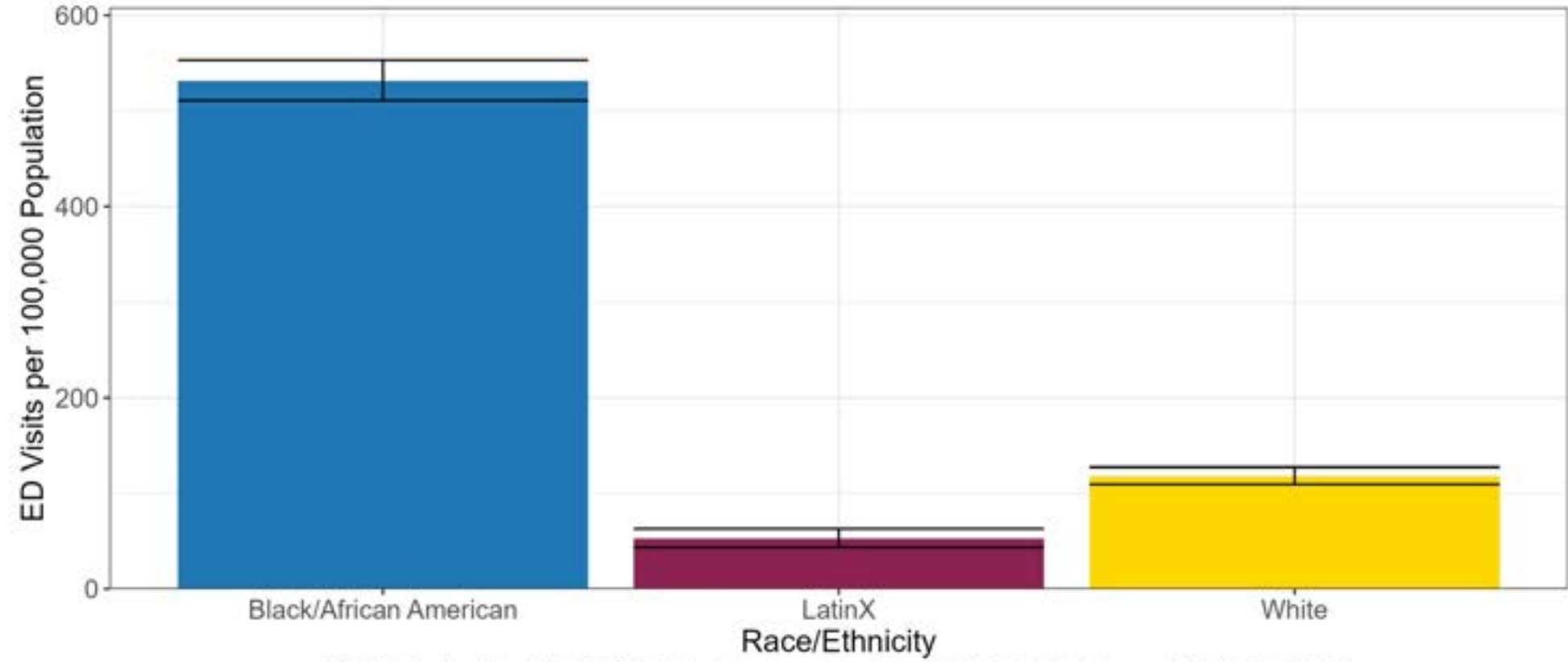
Firearm Related Emergency Department (ED) Visits by Age of Marion County Residents, 2020-2023



DR5636 Jennifer Zuker MCPHD EPI (epidemiology@marionhealth.org) 2023-12-05 Data Source: ED Visits (ESSENCE)

# Black/African American Marion County residents were 4.5 times more likely to have a firearm related ED visit than White Marion County residents.

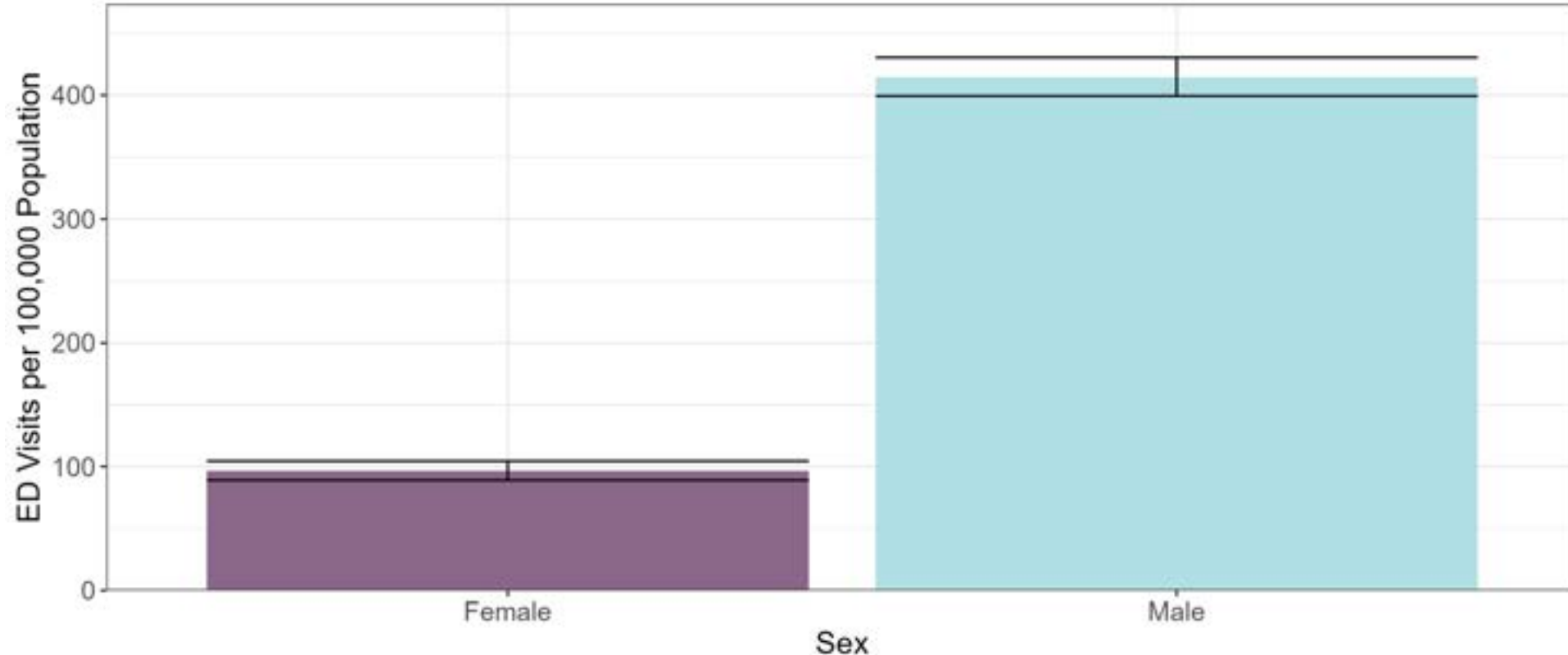
Firearm Related Emergency Department (ED) Visits by Race/Ethnicity of Marion County Residents Under 25 Years of Age, 2020-2023



DR5636 Jennifer Zuker MCPHD EPI (epidemiology@marionhealth.org) 2023-12-06 Data Source: ED Visits (ESSENCE)

# Male Marion County residents were four times more likely to have a firearm related ED visit than female Marion County residents.

Firearm Related Emergency Department (ED) Visits by Sex of Marion County Residents Under 25 Years of Age, 2020-2023

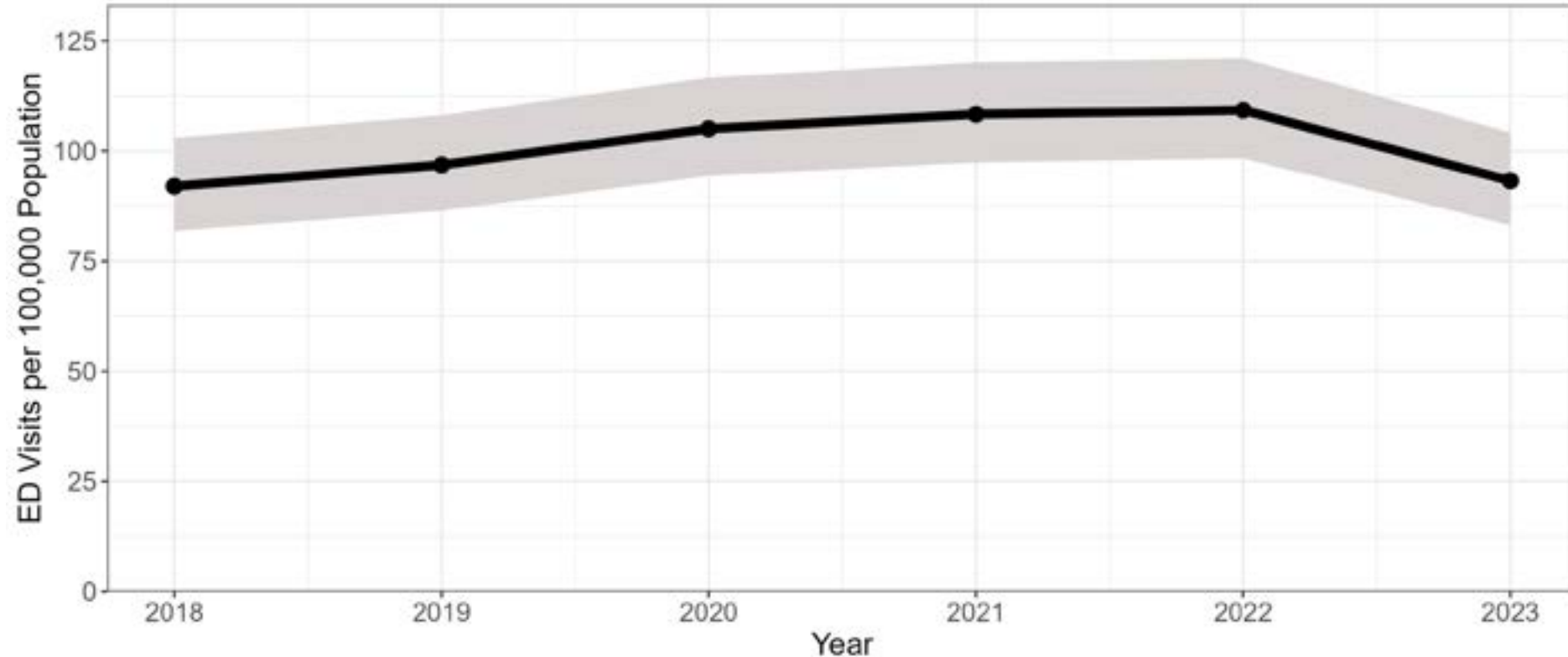


DR5636 Jennifer Zuker MCPHD EPI (epidemiology@marionhealth.org) 2023-12-06 Data Source: ED Visits (ESSENCE)

# Trends

# Firearm related ED visits slightly increased during the Pandemic but are trending downward for 2023.

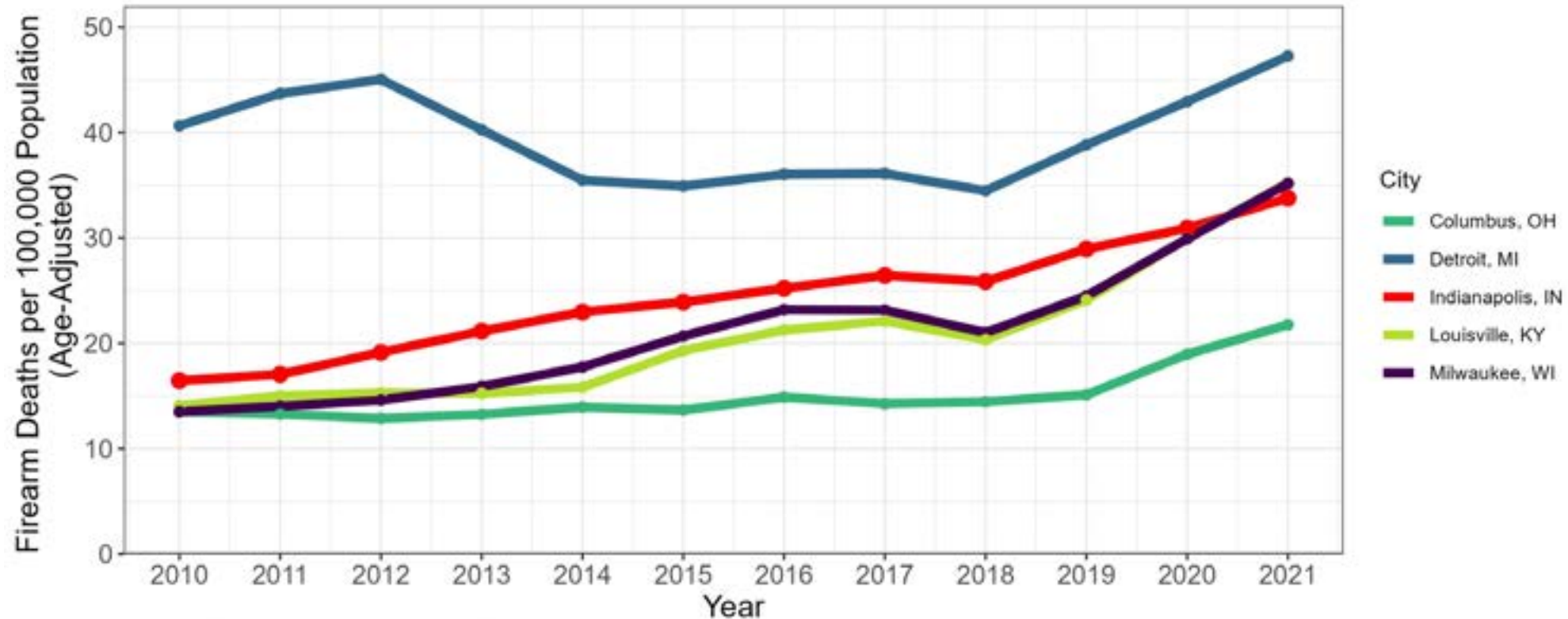
Firearm Related Emergency Department (ED) Visits by Year of Marion County Residents Under 25 Years of Age, 2018-2023



DR5636 Jennifer Zuker MCPHD EPI (epidemiology@marionhealth.org) 2023-12-06 Data Source: ED Visits (ESSENCE)

# Indianapolis is one of the higher Midwest cities for firearm deaths (regardless of intent) for all ages.

Firearm Deaths (Regardless of Intent),  
Indianapolis and Other Midwest Cities,  
2010-2021



DR5636 Jennifer Zuker MCPHD EPI (epidemiology@marionhealth.org) 2023-12-06 Data Source: Big Cities Health Coalition



**May – August have the highest number of firearm related injuries<sup>1</sup>.**

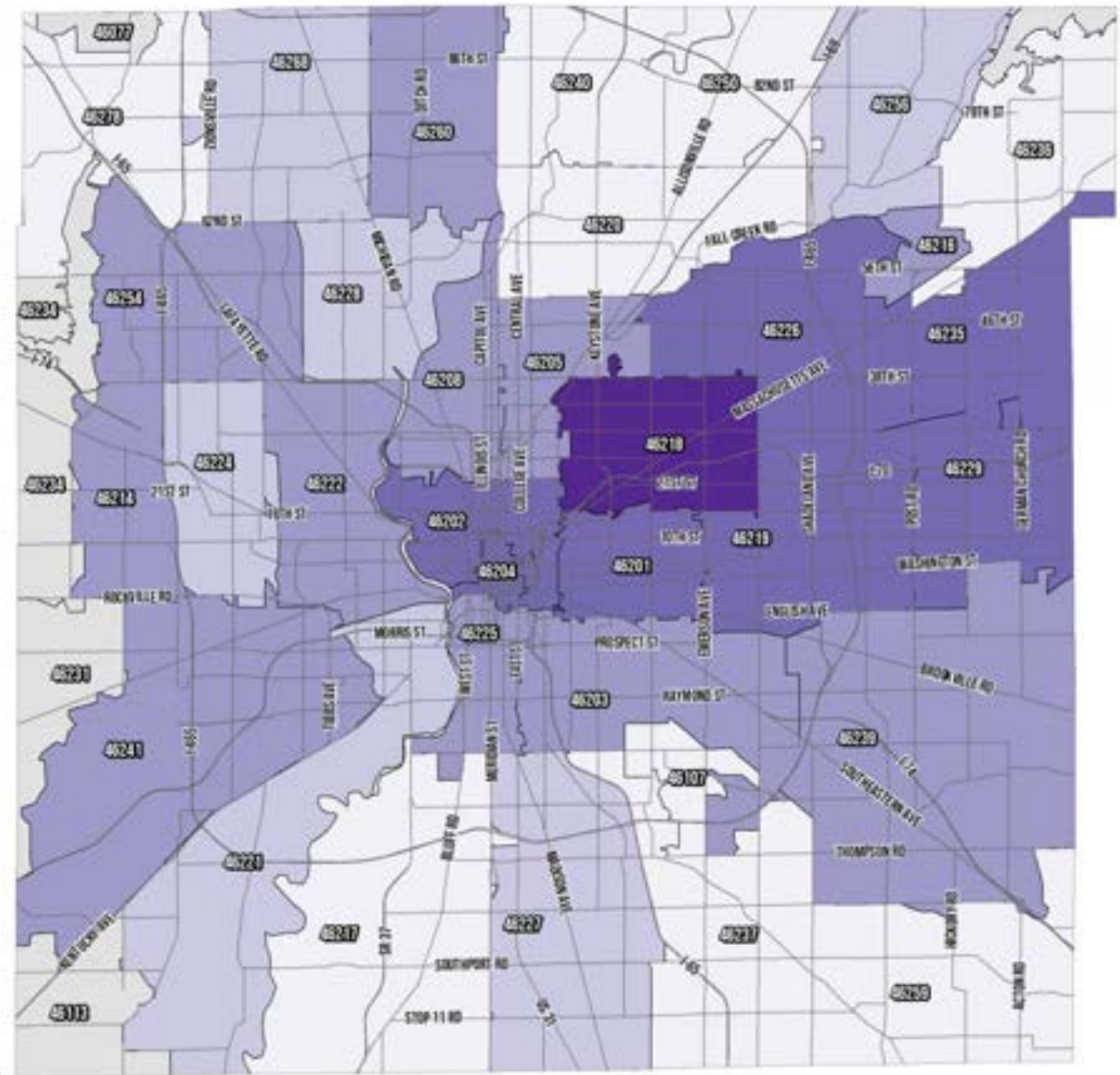
---

1. DR5636 Jennifer Zuker MCPHD Epi ([epidemiology@marionhealth.org](mailto:epidemiology@marionhealth.org)) 2023-12-06 Data Source: ED Visits (ESSENCE).

# Where does violence happen in Marion County?

# Most people injured by a firearm live east of downtown.

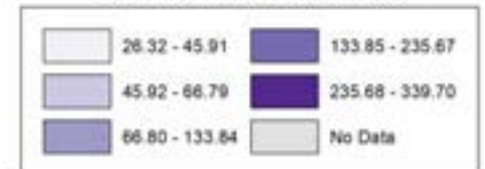
Firearm Related Emergency Department Visits, in Marion County Residents Under 25, 2020-2023 by Resident Address Zip Code



DR5636 Jennifer Zuker MCPHD Epi ([epidemiology@marionhealth.org](mailto:epidemiology@marionhealth.org)) 2023-12-06  
Data Source: ED Visits (ESSENCE).

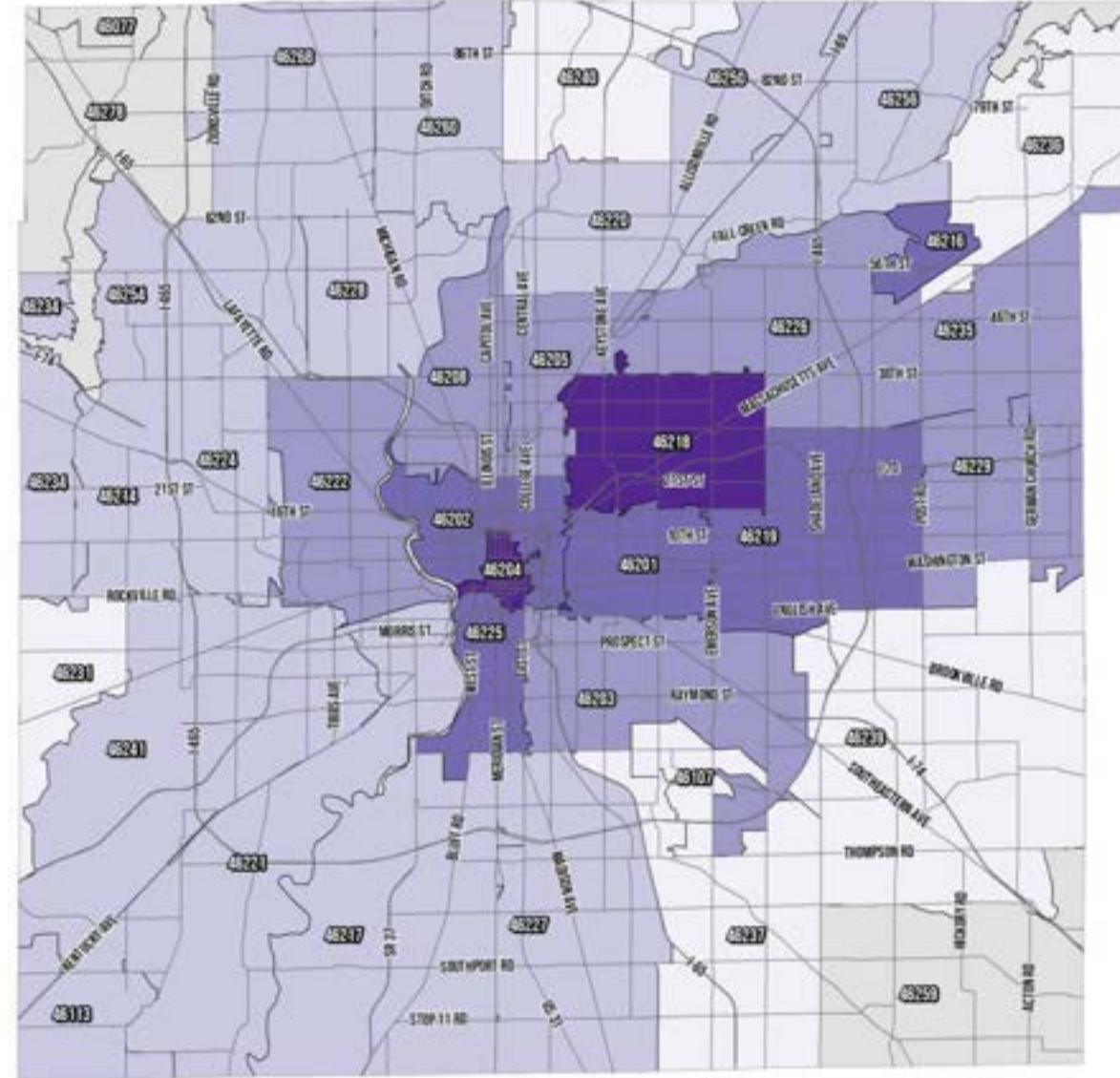


RATE OF FIREARM INJURY RELATED ED VISITS

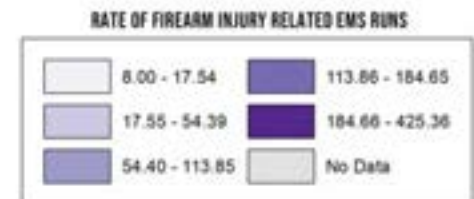


# Most firearm injuries occur east of downtown.

Firearm Related Emergency Medical Services (EMS), in Marion County Residents Under 25, 2020-2023 by Incident Zip Code



DR5636 Jennifer Zuker MCPHD Epi ([epidemiology@marionhealth.org](mailto:epidemiology@marionhealth.org)) 2023-12-06  
Data Source: ED Visits (ESSENCE).



# Summary

# Summary

---

- Black/African American men aged 16-24 are the highest risk for firearm related injuries or death.
- Firearm deaths have risen in the past ten years.
- Residents of the eastern part of the county are at highest risk of firearm related injuries.
- The eastern part of the county experience the most firearm related incidents.

**Thank you**