Greene County Public Health

Injury Prevention Key Findings

2025 Greene County Community Health Assessment

Accidents and unintentional injuries are a significant concern in Greene County. Injuries due to falls, firearm-related incidents, and motor vehicle accidents all significantly contribute to preventable morbidity and mortality in the county, as well as impacting residents' quality of life.

How We Compare

Topic	Greene County, OH	Ohio	United States
Unintentional injury mortality[1] (2024) deaths per 100,000	53.4±9.2	60.7±1.2	54.8±0.2
Preventable hospital stays (2019) per 100,000 people	4,009	4,338	-
Fall mortality[1] (2024) deaths per 100,000	19.7±5.6	13.9±0.5	11.3±0.1
Gun violence event rate[3] (2025) per 100,000 residents	2.4	14.2	-
Gun violence victim rate[3] (2025) per 100,000 residents	3.0	15.9	-
Firearm-related mortality1 (2024) deaths per 100,000	11.0±4.2	14.6±0.6	12.8±0.1
Motor vehicle traffic mortality[1] (2020-2024) deaths per 100,000	9.1±1.7	10.1±0.5	11.6±0.1

Falls

- Greene County has significantly higher fall mortality rates than Ohio and the U.S.[1]
- Female survey respondents were more likely to experience a fall than males (27.1% vs 18.7%)
  - Females were more likely to visit the ER after a fall, while males were more likely to have limited regular activity afterward.

Firearms

- 7.7% of respondents reported having an easily accessible firearm in their home
- Greene County's rates of gun violence events and victim rates per 100,000 people are approximately 20% of the state, while mortality rates were slightly lower (11.0 vs 14.2)[3]
- Most gun violence events in Greene County occur in Yellow Springs, and zip code 45431 in Beavercreek[3]

Motor Vehicles

- 3,660 motor vehicle accidents occurred in Greene County in 2025, a 5 year high[4]
  - 1,303 involved an adult 65+ years of age
  - 1,276 involved a 15-24 year old
  - Other notable factors include alcohol (133), distracted driving (152), unbelted individuals (416)
- 0.4% of accidents in 2025 were fatal[4]
  - 2.4% involving an unbelted individual were fatal
  - 2.0% involving an OVI (operating a vehicle while impaired) were fatal
  - 0.8% involving alcohol and 0.7% for distracted drivers
- US-35 saw 1,384 accidents from 2021-2025, and IR-675 saw 1,363[4]

Data Sources: 1.) Centers for Disease Control and Prevention (CDC): National Vital Statistics System-Mortality (NVSS-M); 2.) Centers for Medicare & Medicaid Services (CMS): Mapping Medicare Disparities; 3.) Gun Violence Archive; 4.) Ohio Department of Public Safety: Electronic Crash System