

# Motor Vehicle Accident Injuries in Indiana



## Impact and Magnitude of Motor Vehicle Accident (MVA) Injuries

During 2023, more than 61,000 motor vehicle accident (MVA) injuries were sustained by Hoosiers in Indiana, including 941 deaths (13.7 per 100,000), 3,224 hospitalizations (47.0 per 100,000), and 57,382 emergency department (ED) visits (836.2 per 100,000).<sup>1</sup> Data are not available to calculate how many individuals with MVA injuries were treated in other settings or went untreated.



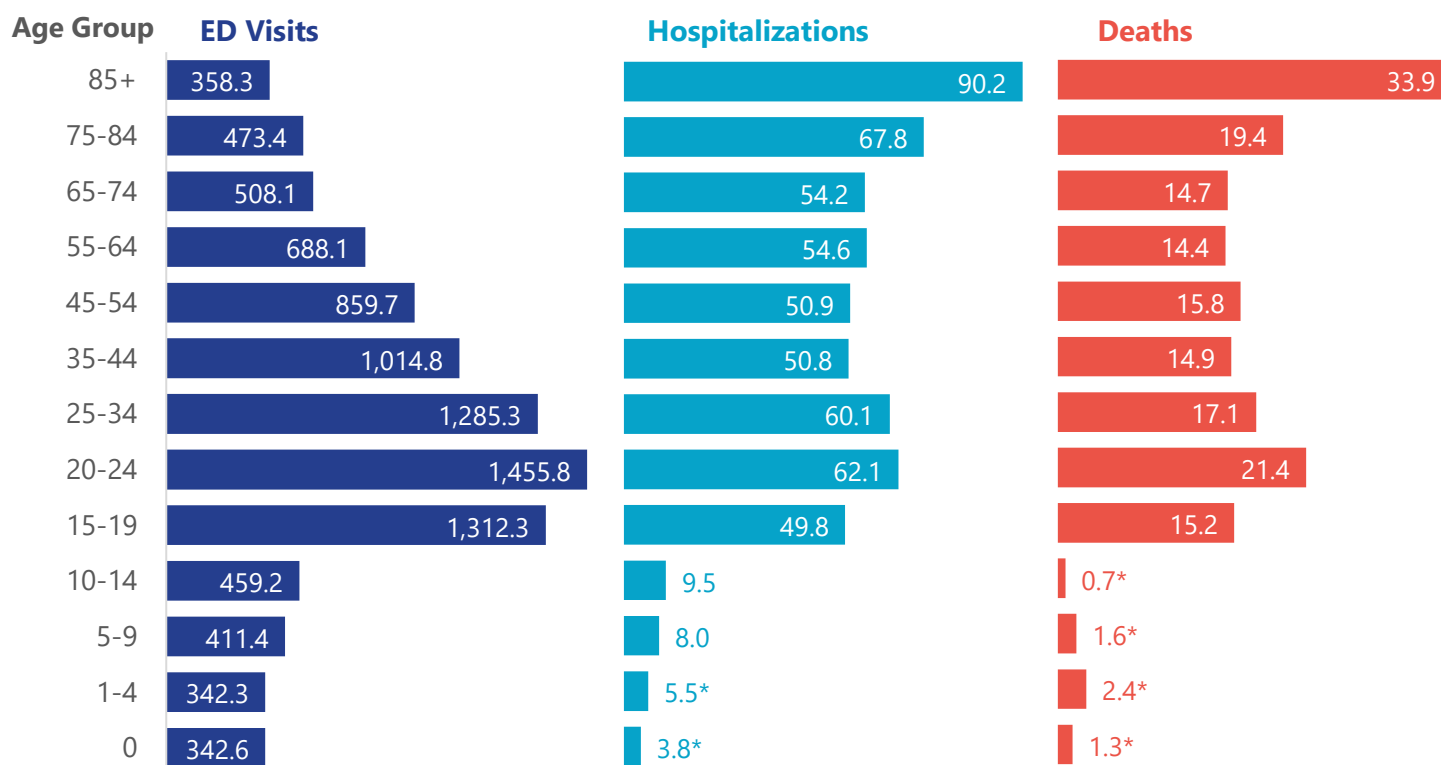
### MVA Injuries in Indiana, 2023:

**941 deaths**  
**3,224 hospitalizations**  
**57,382 ED visits**

## MVA Injuries by Age Group

Adults aged 85 and older had the highest rates of MVA hospitalizations and deaths across all age groups, but 20- to 24-year-olds had the highest rate of MVA ED visits, as well as the second highest rate of MVA deaths.

**Figure 1. Crude rates per 100,000 of MVA ED visits, hospitalizations, and deaths, Indiana, 2023**



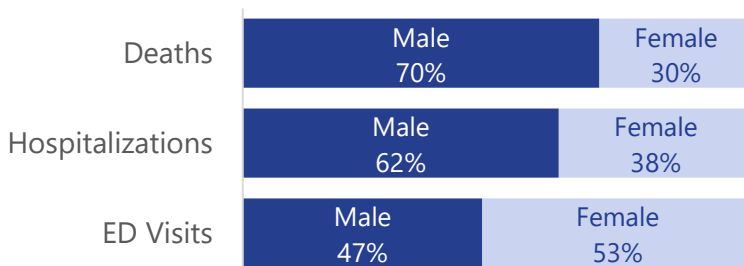
\*Unstable rate based on count less than 20.

<sup>1</sup> MVA deaths are from Indiana vital records. Hospitalization and ED visit data are from Indiana hospital discharge data and include only non-fatal hospitalizations and ED visits. Deaths, hospitalizations, and ED visits were calculated based on definitions from the Centers for Disease Control and Prevention available at: <https://www.cdc.gov/injury-core-sipp/media/pdfs/2024/06/2022-Injury-Indicator-Instructions.pdf>.

## MVA Injuries by Sex

Males accounted for seven in 10 MVA deaths in Indiana in 2023. Additionally, males accounted for more MVA injury hospitalizations than females. Females made up slightly more ED visits due to MVA injuries than males.

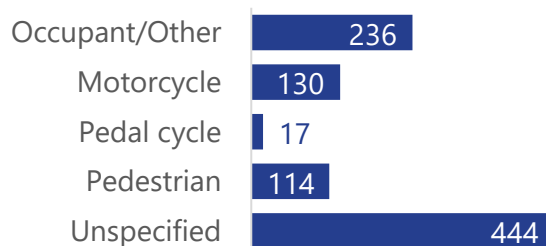
**Figure 2. MVA deaths, hospitalizations, and ED visits by sex, Indiana, 2023**



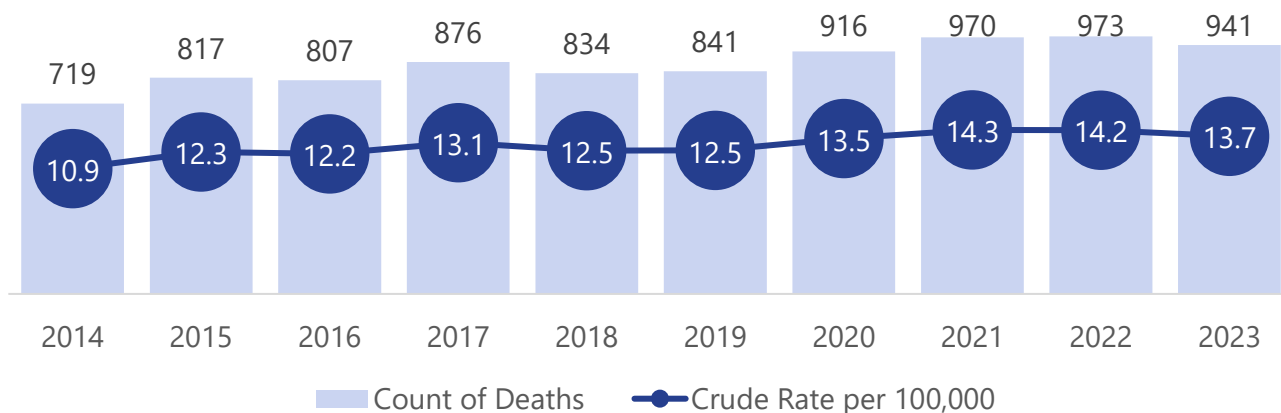
## Trends in MVA Mortality

Among MVA deaths where the type of death was specified on the death certificate, motor vehicle occupants were the most common type of death, followed by motorcycle and pedestrian deaths. The rate of MVA deaths in Indiana increased over 25% between 2014 and 2023, although MVA deaths decreased slightly from 973 deaths (14.2 per 100,000) in 2022 to 941 deaths (13.7 per 100,000) in 2023.

**Figure 3. MVA deaths by type, Indiana, 2023**



**Figure 4. MVA deaths, Indiana, 2014-2023**



## Additional Motor Vehicle Crash Data

Additional data regarding motor vehicle crashes, including injuries, circumstances, and risk factors are available at the links below:

- Indiana Criminal Justice Institute (ICJI): Motor Vehicle Crash Statistics (<https://www.in.gov/cji/research/crash-statistics/>)
- National Highway Traffic Safety Administration (NHTSA): Tools, Publications, and Data (<https://cdan.dot.gov/>)

## Motor Vehicle Safety Resources

Additional information about motor vehicle injury prevention is available at the links below:

- IDOH Resources: Motor Vehicle Injury Prevention (<https://www.in.gov/health/trauma-system/injury-prevention/motor-vehicle-injury-prevention/>)
- CDC Transportation Safety Resources: Transportation Safety (<https://www.cdc.gov/transportation-safety/index.html>)

