

## 2023 QUICK FACTS

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- Some exposure factor comparisons between 2023 and 2022 show motor vehicle registrations increased 5.4 percent, the number of licensed drivers on Michigan roads increased 1.0 percent, and vehicle mileage increased 2.5 percent.
- The 2023 fatality rate of 1.11 deaths per 100 million miles of travel is a decrease from the 2022 fatality rate of 1.17 but is higher than the 10-year average of 1.06 (2014-2023).
- There were 1,095 people killed and 71,085 people injured in 287,953 reported motor vehicle traffic crashes in Michigan during 2023. Compared with the 2022 experience, the number of deaths decreased 2.5 percent, people injured increased 1.1 percent, and total reported crashes decreased 1.8 percent.
- There were 287,953 reported crashes, of which 1,021 were fatal, 51,097 were personal injury, and 235,835 were property damage only crashes.
- Of all fatal crashes, 28.8 percent occurred at intersections.
- Of all fatal crashes, 26.6 percent involved at least one drinking operator, bicyclist, or pedestrian, 17.0 percent involved drinking but no drugs, 12.9 percent involved drugs but no drinking, and 9.6 percent involved both drinking and drugs.
- Excessive speed was indicated as the hazardous action for 11.7 percent of the drivers involved in fatal crashes.
- Of the 287,953 total crashes in 2023, 104,722 (36.4%) involved one vehicle only. This is a decrease of 4.6 percent from last year's count of 109,806 single-vehicle crashes.
- Of the 1,021 fatal crashes, 476 (46.6%) involved one vehicle.
- Of the 272 alcohol-involved fatal crashes, 147 (54.0%) involved one vehicle. This is a 20.5 percent decrease from last year's figure of 185 single vehicle, alcohol-involved fatal crashes.
- Of the 1,660 drivers involved in fatal crashes, 136 (8.2%) were under 21 years of age and 268 (16.1%) were under 25 years of age.
- Of the 10,037,261 people living in Michigan [[1. References and Reporting Agencies](#)] one out of every 9,166 was killed in a traffic crash and one out of every 141 was injured.
- For each person killed, 65 were injured.
- According to 2022 data provided by the Michigan Department of Health and Human Services [[2. References and Reporting Agencies](#)], motor vehicle crashes account for 18.8 percent of all accidental deaths in Michigan.
- The pedestrian death toll for Michigan stands at 183 people, an increase of 10 deaths from 2022.
- For each pedestrian killed, there were 10 pedestrians injured.
- Of all pedestrians killed, 7.7 percent were under the age of 21 and 7.1 percent were age 75 and over.
- The bicyclist death toll for Michigan stands at 24, a decrease of 12 deaths from 2022.
- The youngest bicycle fatality was age 19. People under the age of 21 accounted for 4.2 percent of the bicycle deaths.
- Of the 426,505 drivers and injured passengers involved in crashes where restraint use was known, 419,645 or 98.4 percent were reported to have been using occupant restraints. Restraint usage among fatal victims, where usage was known, was reported to be 58.0 percent in 2023.
- The comprehensive costs in Michigan traffic crashes amounted to \$(see note). If costs were spread across the state's population this would translate into a loss of \$(see note) per state resident.

*Note: Cost of crash data from the National Safety Council is not yet available.*



## REFERENCES AND REPORTING AGENCIES

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[1] Annual Estimates of the Resident Population for Counties of Michigan: 2020-2023. Population Division, U.S. Census Bureau. Release Date: March 2024.

<https://www.census.gov/programs-surveys/popest.html>

[2] Leading Cause of Deaths for Ten Leading Causes by Age Michigan 2022. Michigan Department of Health & Human Services, Division for Vital Records & Health Statistics Section, Lansing, MI.

<https://vitalstats.michigan.gov/osr/chi/deaths/frame.asp?Topic=8>