

MTCF

Michigan Traffic Crash Facts

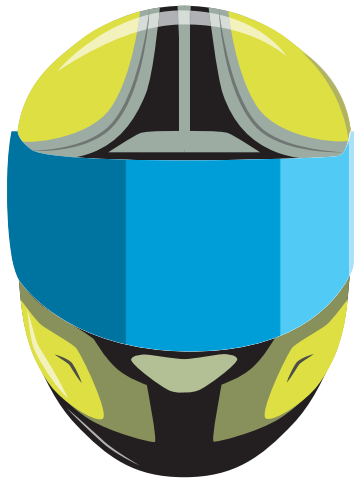
MOTORCYCLISTS

2023

The visibility of motorcycles is a major concern with regard to motorcycle crashes. A light-colored helmet and eye protection; brightly colored high visibility clothing; leather or thick protective clothing; and long sleeves, pants, over-the-ankle boots, and gloves are all recommended for motorcycle safety by the Motorcycle Safety Foundation.

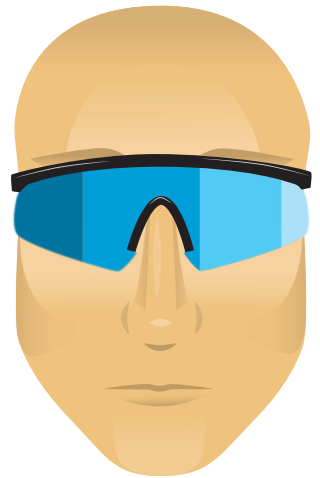
INJURY SEVERITY FOR HELMETED MOTORCYCLISTS IN CRASHES

POSSIBLE INJURIES:	366 (24.2%)
SUSPECTED MINOR INJURIES:	649 (42.8%)
SUSPECTED SERIOUS INJURIES:	425 (28.1%)
KILLED:	75 (5.0%)



INJURY SEVERITY FOR UNHELMETED MOTORCYCLISTS IN CRASHES

POSSIBLE INJURIES:	147 (16.3%)
SUSPECTED MINOR INJURIES:	361 (40.1%)
SUSPECTED SERIOUS INJURIES:	321 (35.6%)
KILLED:	72 (8.0%)



In 2023, the death rate for motorcyclists was 21.4 per 100 million vehicle miles traveled compared to the overall mileage death rate of 1.1 per 100 million vehicle miles traveled.

There were 3,056 motorcycle-involved crashes in which 165 motorcyclists were killed and 2,394 were injured.

Motorcycles were involved in 1.1 percent of all traffic crashes in Michigan in 2023.

Out of the 159 motorcycle operators killed, 131 (82.4%) were reported by police as "going straight ahead" just prior to the crash.

There were 153 (92.7%) male, 12 (7.3%) female, and zero (0.0%) non-binary motorcyclists killed in traffic crashes.

Of the motorcyclists killed, 48 (29.1%) deaths were the result of a had-been-drinking crash and 37 (77.1%) of those motorcyclists had operators coded as drinking.

There were 33 (20.0%) motorcyclists killed as a result of a crash involving drugs and 22 (66.7%) of those motorcyclists had operators coded as using drugs.

Among the 165 motorcycle fatalities, 75 (45.5%) motorcyclists were wearing helmets and 72 (43.6%) motorcyclists were not wearing helmets. Helmet use was unknown for 18 (10.9%) motorcyclists.

There were 271,696 motorcycles registered in 2023 according to the Michigan Department of State.

A 2017 observational survey by Michigan State University estimated statewide helmet use at 71.4 percent and high-visibility gear at 3.6 percent.