MTCF
Michigan Traffic Crash Facts

ALCOHOL

2023

A crash is alcohol-involved if any driver, pedestrian, or cyclist involved was reported as had-been-drinking (HBD) by the police officer on the Traffic Crash Report.

CRASH SEVERITY IN HBD CRASHES

- FATAL: 272 (6.9%)
- SUSPECTED SERIOUS INJURY: 779 (19.7%)
- SUSPECTED MINOR INJURY: 1,421 (36.0%)
- POSSIBLE INJURY: 1,478 (37.4%)

CRASH SEVERITY IN ALL CRASHES

- FATAL: 1,021 (2.0%)
- SUSPECTED SERIOUS INJURY: 4,765 (9.1%)
- SUSPECTED MINOR INJURY: 16,167 (31.0%)
- POSSIBLE INJURY: 30,165 (57.9%)

Of the 1,021 fatal crashes that occurred in Michigan, 272 (26.6%) were alcohol-involved, with at least one drinking operator, bicyclist, or pedestrian.

There were 297 alcohol-involved fatalities, which accounts for 27.1 percent of the total number of people killed (1,095).

The percentage of alcohol-involved fatalities was about 9.3 times higher than fatalities in all crashes and the most serious injury level (suspected serious) was about 5.8 times higher.

There were 151 (55.5%) crashes involving only one motor vehicle out of the 272 alcohol-involved fatal crashes.

Of the 183 pedestrian deaths, 40 (21.9%) were the result of an HBD crash and 24 (60.0%) of those pedestrians had been drinking.

There were 165 motorcyclist deaths, and 48 (29.1%) of those deaths were the result of an HBD crash. Of the 48 motorcyclist alcohol-involved crash deaths, 36 (75.0%) motorcycle operators were coded as drinking and one (2.1%) was a motorcycle passenger of a drinking operator.

MICHIGAN OHSP Office of Highway Safety Planning

Michigan Department of State Police
Office of Highway Safety Planning - Traffic Safety Programs
WWW.MICHIGAN.GOV/OHSP

UMTRI

2023 ALCOHOL CONTINUED

PERSON INJURY SEVERITY IN HBD CRASHES

- KILLED: 297 (5.4%)
- SUSPECTED MINOR INJURIES: 1,876 (34.0%)
- SUSPECTED SERIOUS INJURIES: 978 (17.7%)
- POSSIBLE INJURIES: 2,359 (42.8%)

PERSON INJURY SEVERITY IN ALL CRASHES

- KILLED: 1,095 (1.5%)
- SUSPECTED MINOR INJURIES: 20,449 (28.3%)
- SUSPECTED SERIOUS INJURIES: 5,816 (8.1%)
- POSSIBLE INJURIES: 44,820 (62.1%)

Out of 24 bicyclist deaths, eight (33.3%) were the result of an HBD crash and four out of the eight bicyclists (50.0%) had been drinking.

Out of two snowmobiler deaths, one (50.0%) was the result of an HBD crash, and that one (100.0%) snowmobiler had been drinking.

HBD injury crashes were highest in both June and July (342 each), and the highest number of HBD fatal crashes, 40, occurred in August.

Sunday had the highest number of HBD fatal crashes at 71, followed by Saturday at 55.

Sunday had the highest proportion (42.0%) of alcohol-involved fatalities when compared to all fatalities occurring on Sunday.

The 2:00-2:59 AM time period had the highest number of HBD fatal crashes with 25, while both the 9:00-9:59 AM and 11:00-11:59 AM time periods had the lowest number with one each.

Of the 8,719 drinking drivers involved in crashes, 6,062 (69.5%) were male, 2,652 (30.4%) were female, and zero were non-binary (0.0%). There were five drinking drivers for whom gender was unknown (0.1%).

There were 1,589 (18.2%) drinking drivers in crashes who were age 24 or younger.

Out of the total 8,719 drinking drivers in crashes, 1,163 (13.3%) of the drivers were also suspected of using drugs.