

# 2021

*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: 336 (8.1%)
SUSPECTED SERIOUS INJURY: 825 (19.8%)
SUSPECTED MINOR INJURY: 1,494 (35.8%)
POSSIBLE INJURY: 1,513 (36.3%)

### CRASH SEVERITY IN ALL CRASHES



FATAL: 1,068 (2.0%)
SUSPECTED SERIOUS INJURY: 4,947 (9.4%)
SUSPECTED MINOR INJURY: 16,411 (31.1%)
POSSIBLE INJURY: 30,308 (57.5%)

Of the 1,068 fatal crashes that occurred in Michigan, 336 (31.5%) were alcohol-involved, with at least one drinking operator, bicyclist, or pedestrian.

There were 357 alcohol-involved fatalities, which accounts for 31.6 percent of the total number of people killed (1,131).

The percentage of alcohol-involved fatalities was about 10.1 times higher than fatalities in all crashes and the most serious injury level (suspected serious) was about 5.7 times higher.

There were 214 (63.7%) crashes involving a single motor vehicle out of the 336 alcohol-involved fatal crashes.

Of the 183 pedestrian deaths, 43 (23.5%) were the result of an HBD crash and 32 (74.4%) of those pedestrians had been drinking.

There were 166 motorcyclist deaths, and 52 (31.3%) of those deaths were the result of an HBD crash. Of the 52 motorcyclist alcohol-involved crash deaths, 35 (67.3%) motorcycle operators were coded as drinking and four (7.7%) were motorcycle passengers of a drinking operator.

# 2021

# ALCOHOL CONTINUED

## PERSON INJURY SEVERITY IN HBD CRASHES



## PERSON INJURY SEVERITY IN ALL CRASHES



Out of 29 bicyclist deaths, five (17.2%) were the result of an HBD crash and four out of the five bicyclists (80.0%) had been drinking.

Out of five snowmobiler deaths, two (40.0%) were the result of an HBD crash, and both snowmobilers had been drinking.

HBD injury crashes were highest in June (380), and the highest number of HBD fatal crashes, 40, occurred in July.

Saturday had the highest number of HBD fatal crashes at 76, followed by Sunday at 66.

Saturday had the highest proportion (42.7%) of alcohol-involved fatalities when compared to all fatalities occurring on Saturday.

The 2:00-2:59 AM time period had the highest number of HBD fatal crashes with 30, while the 11:00-11:59 AM, 12:00-12:59 PM, and 1:00-1:59 PM time periods had the lowest number with two each.

Of the 9,469 drinking drivers involved in crashes, 6,777 (71.6%) were male and 2,692 (28.4%) were female. There were no drinking drivers for whom gender was unknown.

There were 1,704 (18.0%) drinking drivers in crashes who were age 24 or younger.

Out of the total 9,469 drinking drivers in crashes, 1,311 (13.8%) of the drivers were also suspected of using drugs.