



2022 / 2023 MICHIGAN TRAFFIC CRASH SUMMARY

TRAFFIC CRASH AND INJURY TOTALS				
	2022	2023	Difference (+/-)	Percentage Change
Total Crashes	293,341	287,953	-5,388	-2%
Fatal Crashes	1,053	1,021	-32	-3%
Total Fatalities	1,123	1,095	-28	-2%
Injury Crashes	51,066	51,097	31	0%
Total Injuries	70,281	71,085	804	1%
Total Suspected Serious (A) Injuries	5,782	5,816	34	1%
Total Suspected Minor (B) Injuries	20,185	20,449	264	1%
Total Possible (C) Injuries	44,314	44,820	506	1%
Property Damage Crashes	241,222	235,835	-5,387	-2%

ALCOHOL INVOLVED				
<i>*Unit Type = MV, P, B and E</i>	2022	2023	Difference (+/-)	Percentage Change
Alcohol Involved Crashes	9,331	8,817	-514	-6%
Alcohol Involved Fatal Crashes	301	272	-29	-10%
Alcohol Involved Fatalities	322	297	-25	-8%

DRUG INVOLVED				
<i>*Unit Type = MV, P, B and E</i>	2022	2023	Difference (+/-)	Percentage Change
Drug Involved Crashes	2,452	2,250	-202	-8%
Drug Involved Fatal Crashes	229	230	1	0%
Drug Involved Fatalities	249	256	7	3%

TEEN (AGE 13-19) INVOLVED				
<i>*This stat represents ANY teen (age 13-19) reported as a fatality in a crash (MV, P, B, E, Passenger).</i>	2022	2023	Difference (+/-)	Percentage Change
Teen Fatalities (13-19)	55	66	11	20%

YOUNG DRIVER (AGE 16-20) INVOLVED				
<i>*Unit Type = MV Only</i>	2022	2023	Difference (+/-)	Percentage Change
Young Driver Involved Crashes (16-20)	46,011	45,577	-434	-1%
Young Driver Involved Fatal Crashes (16-20)	123	128	5	4%
Young Driver Involved Fatalities	128	136	8	6%

BICYCLE INVOLVED				
	2022	2023	Difference (+/-)	Percentage Change
Bicycle Involved Crashes	1,340	1,480	140	10%
Total Bicyclists	1,351	1,487	136	10%
Bicycle Involved Fatal Crashes	35	24	-11	-31%
Bicyclist Fatalities	36	24	-12	-33%

MOTORCYCLE INVOLVED				
	2022	2023	Difference (+/-)	Percentage Change
Motorcycle Involved Crashes	3,158	3,056	-102	-3%
Total Motorcyclists	3,513	3,416	-97	-3%
Motorcycle Involved Fatal Crashes	168	164	-4	-2%
Motorcyclist Fatalities	173	165	-8	-5%

OFF ROAD VEHICLE (ORV) INVOLVED				
	2022	2023	Difference (+/-)	Percentage Change
ORV Involved Crashes	460	396	-64	-14%
Total ORV Riders	619	546	-73	-12%
ORV Involved Fatal Crashes	21	22	1	5%
ORV Rider Fatalities	21	22	1	5%

PEDESTRIAN INVOLVED				
	2022	2023	Difference (+/-)	Percentage Change
Pedestrian Involved Crashes	1,897	2,114	217	11%
Total Pedestrians	2,026	2,224	198	10%
Pedestrian Involved Fatal Crashes	172	179	7	4%
Pedestrian Fatalities	173	183	10	6%

SNOWMOBILE INVOLVED				
	2022	2023	Difference (+/-)	Percentage Change
Snowmobile Involved Crashes	95	58	-37	-39%
Total Snowmobile Riders	105	63	-42	-40%
Snowmobile Involved Fatal Crashes	9	2	-7	-78%
Snowmobile Rider Fatalities	9	2	-7	-78%

WORK ZONE INVOLVED				
	2022	2023	Difference (+/-)	Percentage Change
Work Zone Involved Crashes	7,436	8,017	581	8%
Work Zone Involved Fatal Crashes	22	21	-1	-5%
Work Zone Involved Fatalities	23	24	1	4%

DEER INVOLVED				
	2022	2023	Difference (+/-)	Percentage Change
Deer Involved Crashes	58,984	58,806	-178	0%
Deer Involved Fatal Crashes	11	19	8	73%
Deer Involved Fatalities	11	19	8	73%

SCHOOL BUS INVOLVED				
	2022	2023	Difference (+/-)	Percentage Change
School Bus Involved Crashes	1,041	988	-53	-5%
School Bus Involved Fatal Crashes	2	5	3	150%
School Bus Involved Fatalities	2	5	3	150%

TRAIN INVOLVED				
	2022	2023	Difference (+/-)	Percentage Change
Train Involved Crashes	65	76	11	17%
Train Involved Fatal Crashes	3	3	0	0%
Train Involved Fatalities	4	3	-1	-25%
Q-Line (Streetcar) Involved Crashes	9	15	6	67%
Q-Line (Streetcar) Involved Fatal Crashes	0	0	0	0%
Q-Line (Streetcar) Involved Fatalities	0	0	0	0%

*Q-Line (Streetcar) is considered a train involved crash.

TRUCK/BUS (Commercial Motor Vehicle-CMV) INVOLVED				
	2022	2023	Difference (+/-)	Percentage Change
CMV Involved Crashes	15,802	15,088	-714	-5%
CMV Involved Fatal Crashes	96	93	-3	-3%
CMV Involved Fatalities	105	103	-2	-2%

AGGRESSIVE DRIVING INVOLVED				
	2022	2023	Difference (+/-)	Percentage Change
Aggressive Driving Involved Crashes	168,472	164,505	-3,967	-2%
Aggressive Driving Involved Fatal Crashes	632	607	-25	-4%
Aggressive Driving Involved Fatalities	677	651	-26	-4%

*Party type: Driver (D) with a hazardous action code of 1, 3, 4, 7, 8, 12, 15, or 16, are included as aggressive driving.

CELL PHONE INVOLVED				
	2022	2023	Difference (+/-)	Percentage Change
Cell Phone Involved Crashes	2,405	2,284	-121	-5%
Cell Phone Involved Fatal Crashes	11	11	0	0%
Cell Phone Involved Fatalities	12	11	-1	-8%
Cell Phone Involved Injury Crashes	703	721	18	3%
Cell Phone Involved Injuries	991	1,019	28	3%

*Party types: Driver (D), Pedestrian (P), Bicyclist (B) and Engineer (E) are included in cell phone use statistics.

DISTRACTED DRIVING INVOLVED				
	2022	2023	Difference (+/-)	Percentage Change
Distracted Involved Crashes	15,441	15,136	-305	-2%
Distracted Involved Fatal Crashes	53	56	3	6%
Distracted Involved Fatalities	57	59	2	4%
Distracted Involved Injury Crashes	4,118	4,128	10	0%
Distracted Involved Injuries	5,905	5,889	-16	0%

*Pursuant to MMUCC Definition (P16), Driver Distracted only pertains to the Driver party type.

**Party type: Driver (D) is included in Distracted Driving statistics.

CRASHES POLICED BY MSP				
	2022	2023	Difference (+/-)	Percentage Change
MSP Policed Crashes	46,858	44,930	-1,928	-4%
MSP Policed Fatal Crashes	229	203	-26	-11%
MSP Policed Injury Crashes	7,847	7,552	-295	-4%
% MSP Policed of Total Crashes	15.97%	15.60%	-0.37%	-2%

**GTSAC EMPHASIS AREAS:
Senior Drivers, Young Drivers, Children, Lane Departure,
and Intersection Crashes**

SENIOR DRIVER INVOLVED CRASHES				
Age	2022	2023	Difference (+/-)	Percentage Change
60-64	24,489	24,040	-449	-2%
65-74	33,095	33,697	602	2%
75-84	14,816	15,876	1,060	7%
85+	3,158	3,400	242	8%
TOTAL CRASHES	75,558	77,013	1,455	2%

YOUNG DRIVER INVOLVED CRASHES				
Age	2022	2023	Difference (+/-)	Percentage Change
15	657	625	-32	-5%
16	6,651	6,891	240	4%
17	8,729	8,582	-147	-2%
18-20	30,557	30,044	-513	-2%
21-24	37,852	36,211	-1,641	-4%
TOTAL CRASHES	84,446	82,353	-2,093	-2%

TRAFFIC CRASHES INVOLVING CHILDREN (All Party Types Included)				
Age	2022	2023	Difference (+/-)	Percentage Change
0-3	6,076	6,068	-8	0%
4-8	7,121	7,360	239	3%
9-15	11,001	11,474	473	4%
TOTAL CRASHES	24,198	24,902	704	3%

LANE DEPARTURE CRASHES				
	2022	2023	Difference (+/-)	Percentage Change
Single Vehicle	38,900	34,538	-4,362	-11%
Multiple Vehicle-Opposite Direction	6,299	5,602	-697	-11%
Parked Vehicle	3,690	3,726	36	1%
TOTAL CRASHES	48,889	43,866	-5,023	-10%

INTERSECTION CRASHES				
	2022	2023	Difference (+/-)	Percentage Change
Fatal Crashes	307	294	-13	-4%
Injury Crashes	20,398	21,045	647	3%
Property Damage Crashes	63,674	63,698	24	0%
TOTAL CRASHES	84,379	85,037	658	1%

Totals by Party Type, Gender, Race, and Vehicle Type

PARTY TYPE				
	2022	2023	Difference (+/-)	Percentage Change
Drivers (D)	490,560	484,281	-6,279	-1%
Injured Passengers (I)	16,185	16,769	584	4%
Uninjured Passengers (U)	71,214	72,932	1,718	2%
Pedestrians (P)	2,026	2,224	198	10%
Bicyclists (B)	1,351	1,487	136	10%
Engineers (E)	65	76	11	17%
TOTAL	581,401	577,769	-3,632	-1%

GENDER				
	2022	2023	Difference (+/-)	Percentage Change
Male (M)	295,745	293,973	-1,772	-1%
Female (F)	242,019	241,133	-886	0%
Non-Binary (X)	74	143	69	93%
Unknown (U)	43,563	42,520	-1,043	-2%
TOTAL	581,401	577,769	-3,632	-1%

*2022 is the first full year the non-binary gender was verified through MDOS.

RACE				
	2022	2023	Difference (+/-)	Percentage Change
Asian (A)	7,311	7,566	255	3%
Black or African American (B)	93,106	94,660	1,554	2%
Hispanic or Latino (H)	13,095	14,602	1,507	12%
American Indian or Alaskan Native (I)	781	811	30	4%
Native Hawaiian or Other Pacific Islander (P)	667	761	94	14%
Unknown (U)	36,140	34,179	-1,961	-5%
White (W)	346,599	347,496	897	0%
Not Reported	83,702	77,694	-6,008	-7%
TOTAL	581,401	577,769	-3,632	-1%

*2021 is the first year race was captured on the UD-10.

RESTRAINT USE (Includes injury severity codes: K, A, B, and C.)				
	2022	2023	Difference (+/-)	Percentage Change
No Belts Available	2,620	2,810	190	7%
Shoulder Belt Only Used	485	372	-113	-23%
Lap Belt Only	193	180	-13	-7%
Shoulder and Lap Belt	54,541	55,530	989	2%
No Belts Used	2,721	2,751	30	1%
Child - Forward Facing	676	679	3	0%
Child Restraint Not Used	67	68	1	1%
Child - Rear Facing	239	232	-7	-3%
Child - Booster Seat	277	301	24	9%
Restraint Failure	29	17	-12	-41%
Restraint Use Unknown	5,634	5,354	-280	-5%
Helmet Worn	1,875	1,914	39	2%
Helmet Not Worn	1,815	1,723	-92	-5%
Helmet Use Unknown	223	237	14	6%
Not Reported	9	12	3	33%
TOTAL	71,404	72,180	776	1%

VEHICLE TYPE				
	2022	2023	Difference (+/-)	Percentage Change
Passenger Car, SUV, Van	393,437	388,015	-5,422	-1%
Motor Home	817	1,124	307	38%
Pickup Truck	57,245	57,767	522	1%
Small Truck - Under 10,000	2,358	2,141	-217	-9%
Motorcycle	3,267	3,161	-106	-3%
Mo-ped/Go-ped	404	417	13	3%
Go-Cart/Golf Cart	49	50	1	2%
Snowmobile	102	62	-40	-39%
Off Road Vehicle (ATV Type)	473	413	-60	-13%
Truck/Bus	16,714	15,852	-862	-5%
Other	2,054	1,863	-191	-9%
Not Reported	17,082	17,203	121	1%
TOTAL	494,002	488,068	-5,934	-1%