MICHIGAN STATE POLICE

TCRS

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2024

Statewide Traffic Crash Data Year End Report

This 2024 annual report contains statewide traffic crash statistics compiled by the Michigan State Police, Criminal Justice Information Center.

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Section 1:
The Traffic Crash Reporting System (TCRS)

Traffic Crash Reporting – Collection of Crash Data

The Traffic Crash Reporting Unit (TCRU) is responsible for the complete, accurate, and timely collection, processing, and compilations of statewide traffic crash data. The TCRU maintains the TCRS database that serves as the central repository for all traffic crash data for the State of Michigan as well as the Michigan Crash Analysis Tool (Mi-CAT). By law, all law enforcement agencies are required to submit qualifying crash reports to the Michigan State Police (MSP).

The traffic crash program has been in existence since Public Act 300 of 1949. All law enforcement agencies in Michigan submit traffic crash data to the MSP Criminal Justice Information Center (CJIC) utilizing the State of Michigan Traffic Crash Report (UD-10) format.

The TCRU receives and processes approximately 300,000 crashes annually. The data collected from the crash reports is used extensively by federal, state, and local traffic safety partners to identify traffic safety problems and support the state's efforts to reduce crashes, fatalities, and injuries. Traffic crash data is geo located using the Traffic Crash Mapping System (TCMS) and is supplied to the Michigan Department of Transportation (MDOT) for analysis of high crash locations. The Michigan Department of Natural Resources (MDNR) also receives data for analysis of snowmobile, off-road vehicle (ORV), and car/deer crashes.

Traffic crash reports are processed and sent to the Michigan Department of State (MDOS) to be applied to individual driving records. Fatal records are maintained on both the state system and the federal Fatality Analysis Reporting System (FARS) which is supported by the National Highway Traffic Safety Administration (NHTSA).

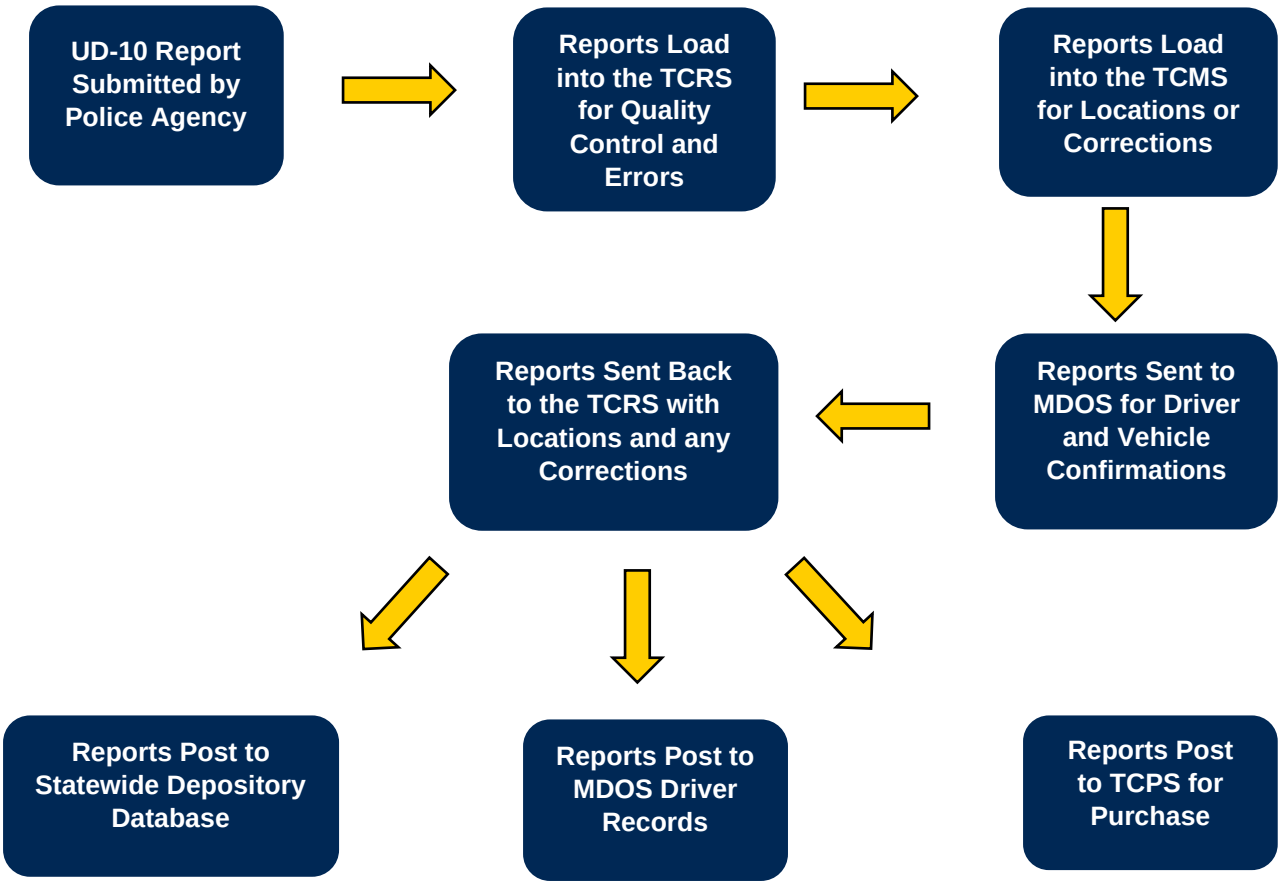
The UD-10 is used to report all traffic related motor vehicle crashes. The criteria for a reportable traffic crash involves a motor vehicle that was in transport and on the roadway, which resulted in death, injury, or property damage of $1,000.00, or more. The UD-10 is also used to record any crash involving a snowmobile or ORV, whether traffic or non-traffic related. The property damage criteria for a snowmobile or ORV crash is $100.00 or more.

Exclusions include deliberate intent (i.e., self-inflicted injury, road rage, insurance fraud) or legal intervention (i.e., pit-maneuver, deliberate acts engaged by law enforcement).

Individual UD-10s can be accessed by involved parties and their representatives through the Traffic Crash Purchasing System (TCPS) website. Specific search criteria are required to purchase a copy of a UD-10.

Each year, the TCRS database is “frozen” on a specific date to allow for publishing of the annual traffic crash statistics. This frozen dataset was created on April 25, 2025, for the 2024 annual report. Questions regarding this report can be directed to the TCRU at CrashTCRS@michigan.gov.

Section 1:
UD-10 Reporting Flowchart



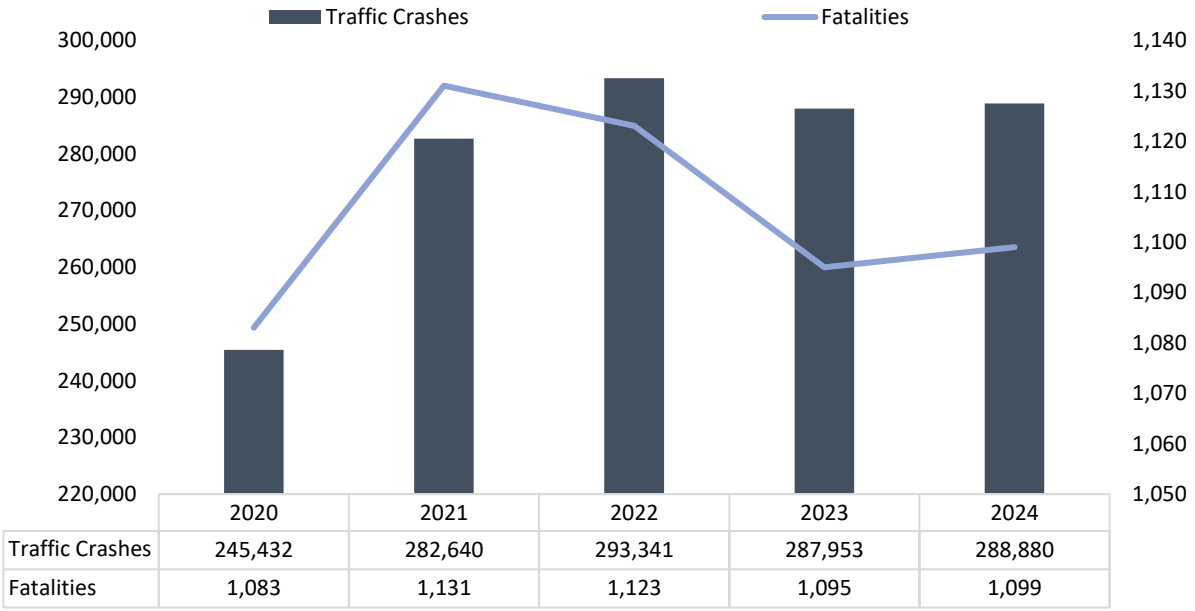
Section 2:
Statewide Traffic Crash Summary

2024 Summary:

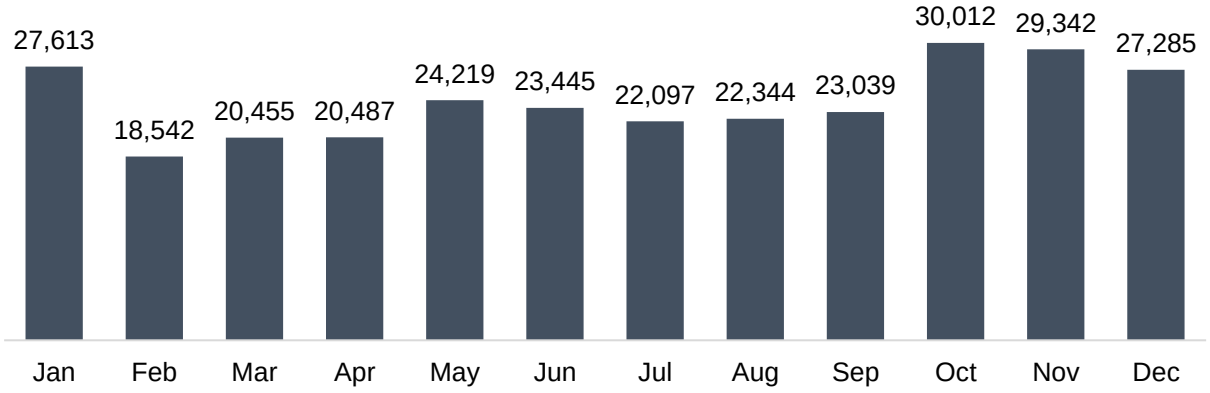
- Traffic crashes increased from 287,953 in 2023 to 288,880 in 2024.
- Fatalities increased by four fatalities from 1,095 in 2023 to 1,099 in 2024.
- Injuries increased by 231 injuries from 71,085 in 2023 to 71,316 in 2024.
- October had the largest number of traffic crashes by month with 30,012.
- August had the largest number of fatal traffic crashes by month with 115.
- Fridays were the most common day of the week for traffic crashes with 48,770.
- Saturdays had the largest number of fatalities reported with 184.
- Traffic crashes occurred most between 3 p.m. and 5:59 p.m. with 65,506.
- Fatal traffic crashes occurred most between 3 p.m. and 5:59 p.m. with 174.
- There were 32 Zero Traffic Fatality Days for Michigan in 2024.

Michigan Traffic Crash Statistics for 2020-2024

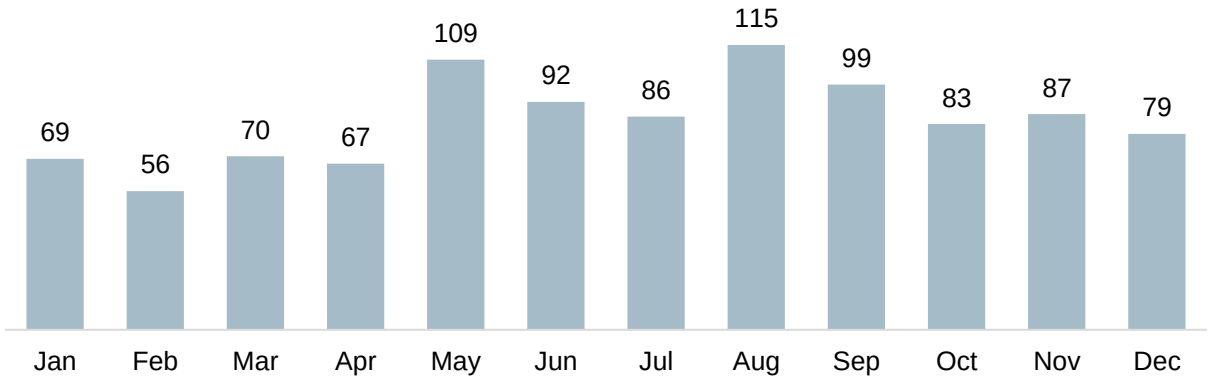
	2020	2021	2022	2023	2024
Total Traffic Crashes	245,432	282,640	293,341	287,953	288,880
Total Fatal Traffic Crashes	1,010	1,068	1,053	1,021	1,012
Total Fatalities	1,083	1,131	1,123	1,095	1,099
Total Injury Traffic Crashes	44,417	51,666	51,066	51,097	51,202
Total Injuries	60,986	71,246	70,281	71,085	71,316
Total Property Damage Traffic Crashes	200,005	229,906	241,222	235,835	236,666



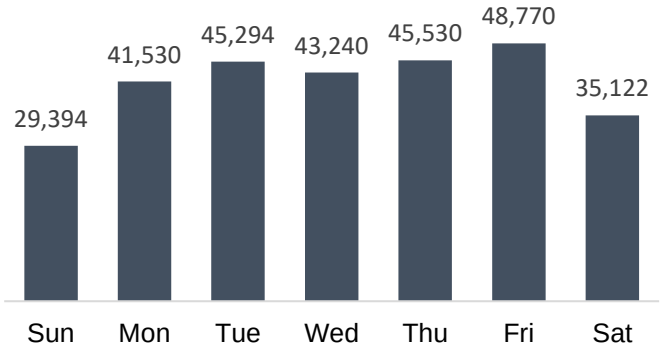
Traffic Crashes by Month



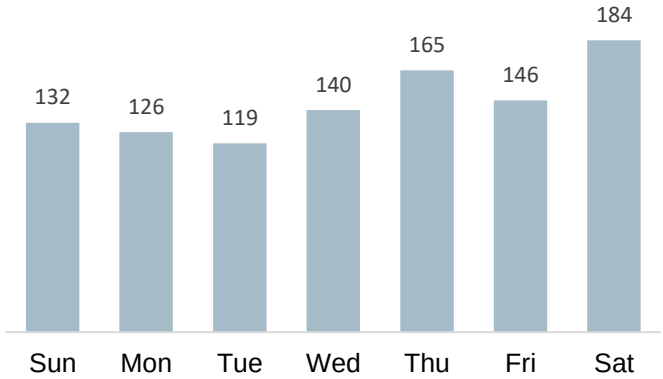
Fatal Traffic Crashes by Month



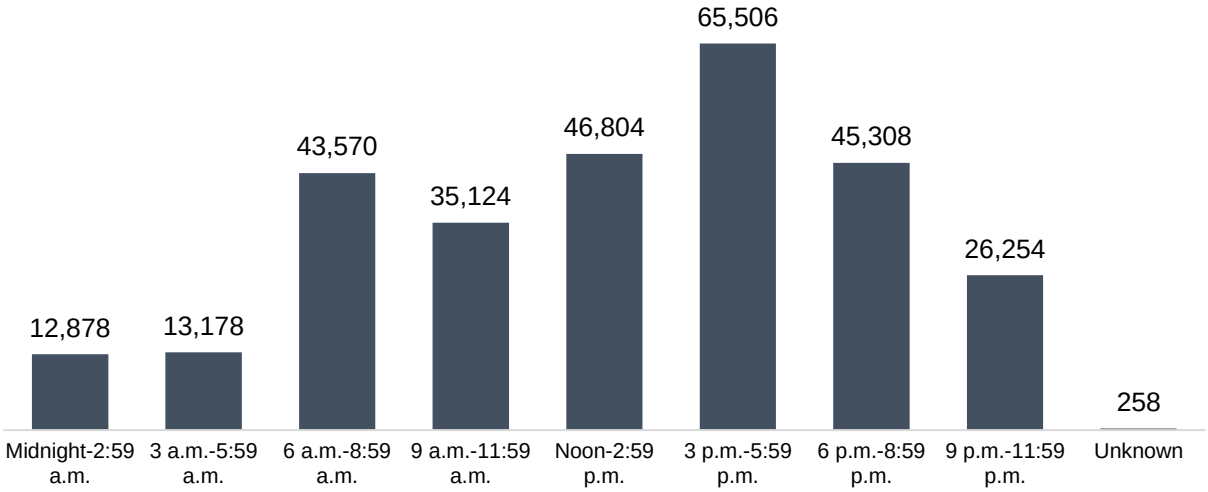
Traffic Crashes by Day of Week



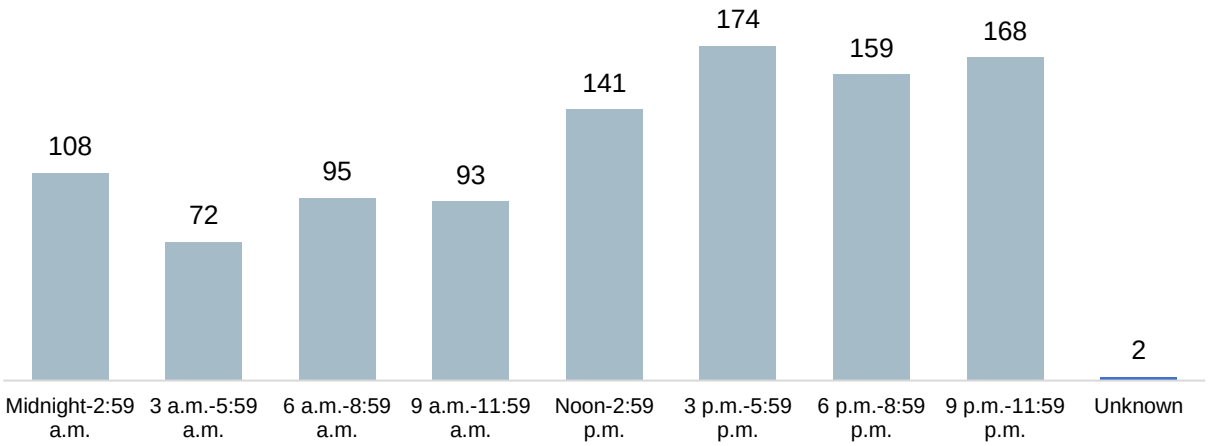
Fatal Traffic Crashes by Day of Week



Traffic Crashes by Time of Day



Fatal Traffic Crashes by Time of Day



Zero Traffic Fatality Days for Michigan in 2024				
January 17	January 28	February 4	February 8	February 16
February 26	March 18	March 19	March 21	March 26
April 4	April 19	April 28	June 28	July 3
July 30	July 31	August 6	August 30	October 9
October 13	October 20	October 22	October 27	November 18
November 21	November 28	November 30	December 20	December 22
December 24	December 30			

Traffic Crash Fatality and Injury Statistics

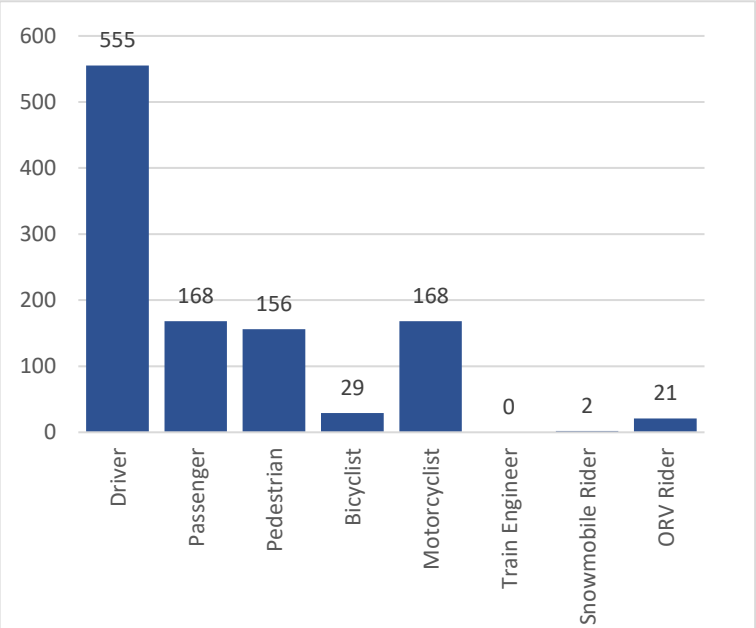
2024 Fatality Summary:

- 1,099 traffic crash fatalities were reported in Michigan.
- 71.52 percent were male, and 28.48 percent were female.
- 19.02 percent of fatalities were in age group 25-34.
- 50.50 percent of fatalities were reported as the driver.
- 31.57 percent of fatalities were wearing a shoulder and lap belt restraint.
- 34.30 percent of fatalities had deployed – combination for airbag deployment.

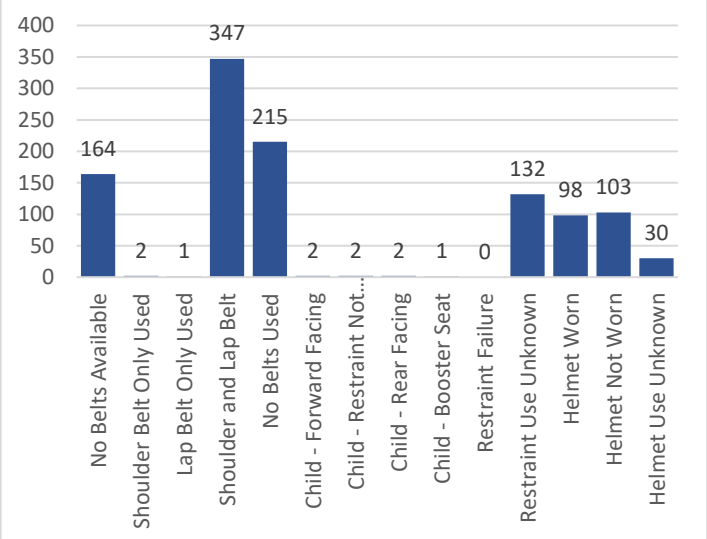
Fatalities by Age and Gender

	Total	Male	Female	Non-Binary
< 1	2	0	2	0
1-3	5	0	5	0
4-10	14	10	4	0
11-15	13	9	4	0
16-20	83	60	23	0
21-24	72	60	12	0
25-34	209	155	54	0
35-44	151	104	47	0
45-54	122	90	32	0
55-64	158	117	41	0
65-74	135	104	31	0
75-84	91	52	39	0
85-94	39	23	16	0
> 95	5	2	3	0
Not Reported	0	0	0	0
Total:	**1,099**	**786**	**313**	**0**
Percentage:		**71.52%**	**28.48%**	**0.00%**

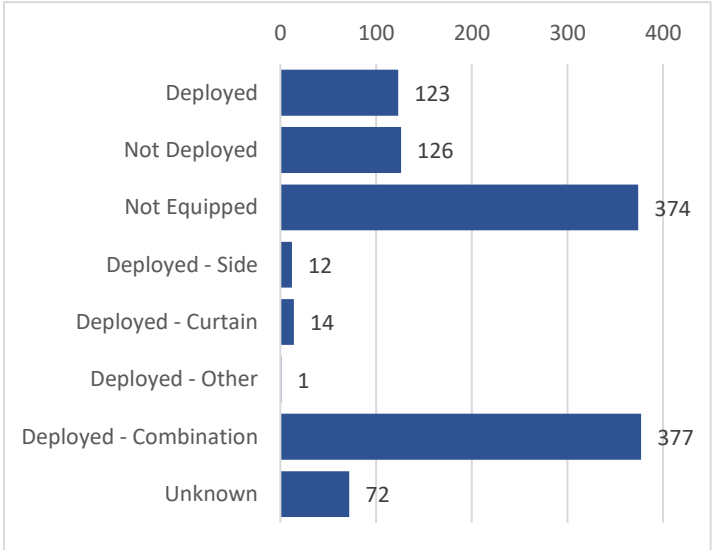
Fatalities by Party Type



Fatality Restraint Use



Fatality Airbag Information



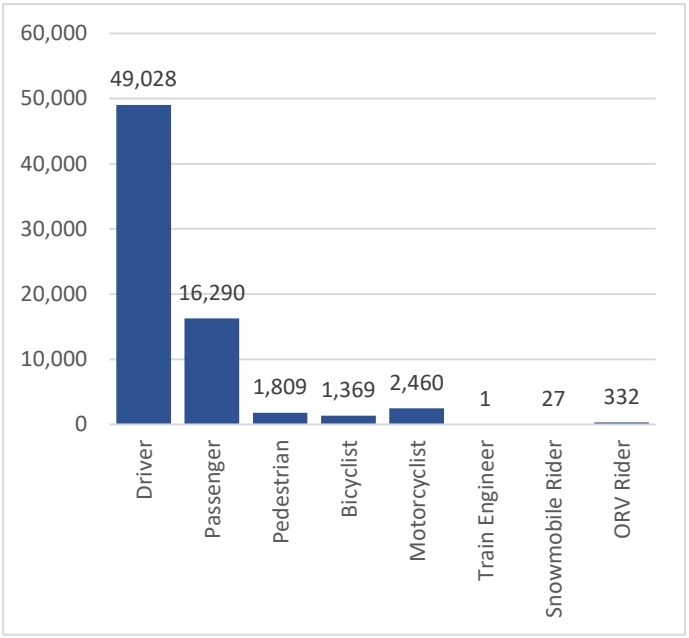
2024 Injury Summary:

- 71,316 traffic crash injuries were reported in Michigan.
- 49.15 percent were male, and 50.72 percent were female.
- 19.83 percent of injuries were in age group 25-34.
- 68.75 percent of injuries were reported as the driver.
- 77.18 percent of injuries were wearing a shoulder and lap belt restraint.
- 39.39 percent of injuries were not deployed for airbag deployment.

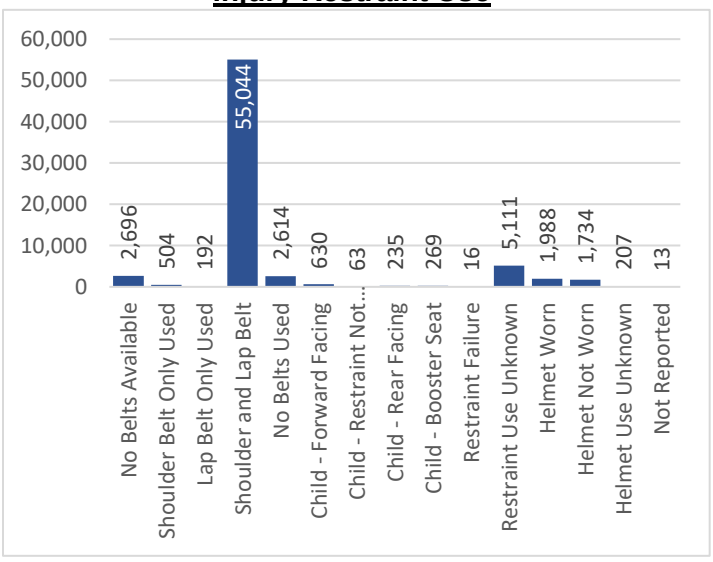
Injuries by Age and Gender

Age Range	Total	Male	Female	Non-Binary	Unknown
< 1	149	74	74	0	1
1-3	572	280	292	0	0
4-10	2,092	991	1,094	0	7
11-15	2,052	1,039	1,008	0	5
16-20	8,028	4,142	3,871	9	6
21-24	6,442	3,228	3,199	10	5
25-34	14,145	7,018	7,109	5	13
35-44	10,814	5,442	5,364	4	4
45-54	8,944	4,312	4,628	1	3
55-64	8,372	4,040	4,330	0	2
65-74	5,871	2,731	3,140	0	0
75-84	3,021	1,367	1,654	0	0
85-94	727	343	382	0	2
> 95	43	21	22	0	0
Not Reported	44	25	6	0	13
Total:	**71,316**	**35,053**	**36,173**	**29**	**61**
Percentage:		**49.15%**	**50.72%**	**0.04%**	**0.09%**

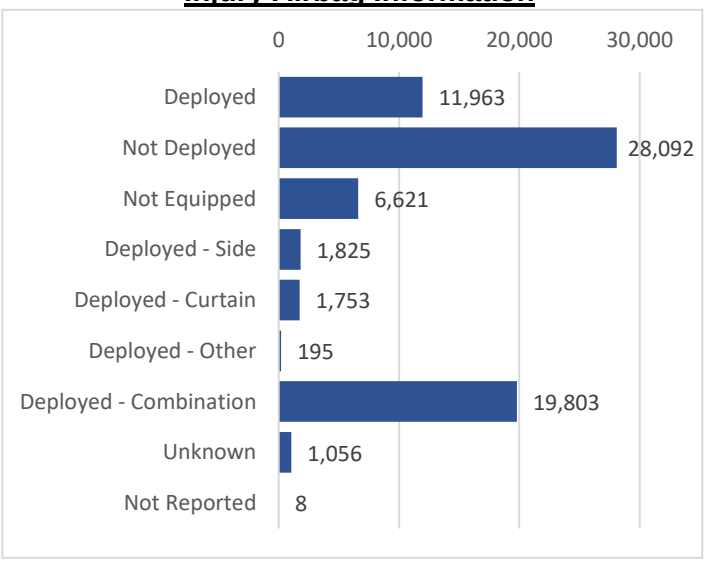
Injuries by Party Type



Injury Restraint Use



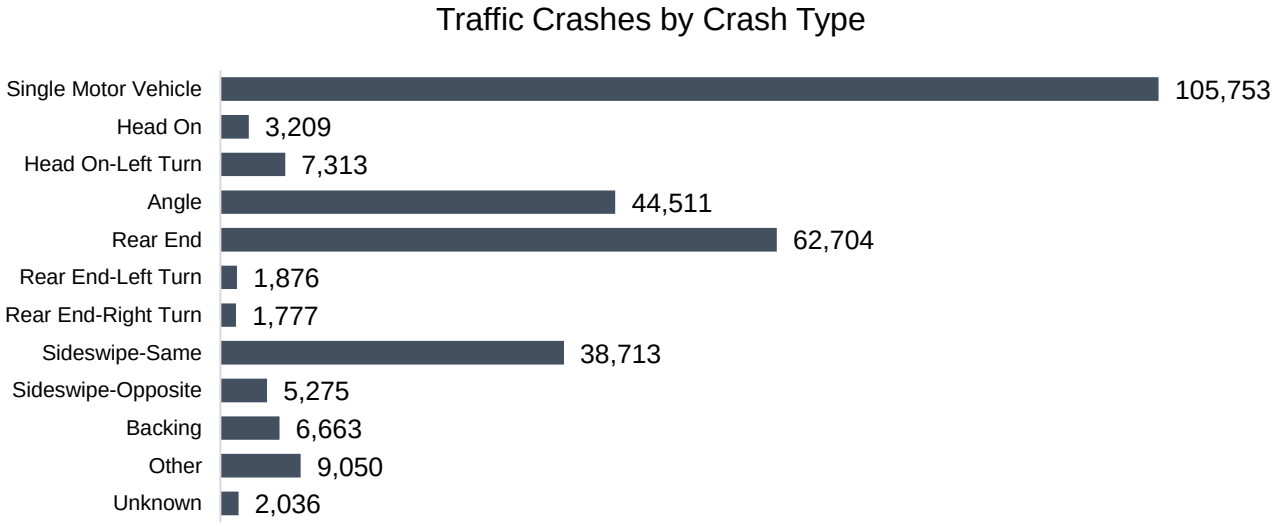
Injury Airbag Information

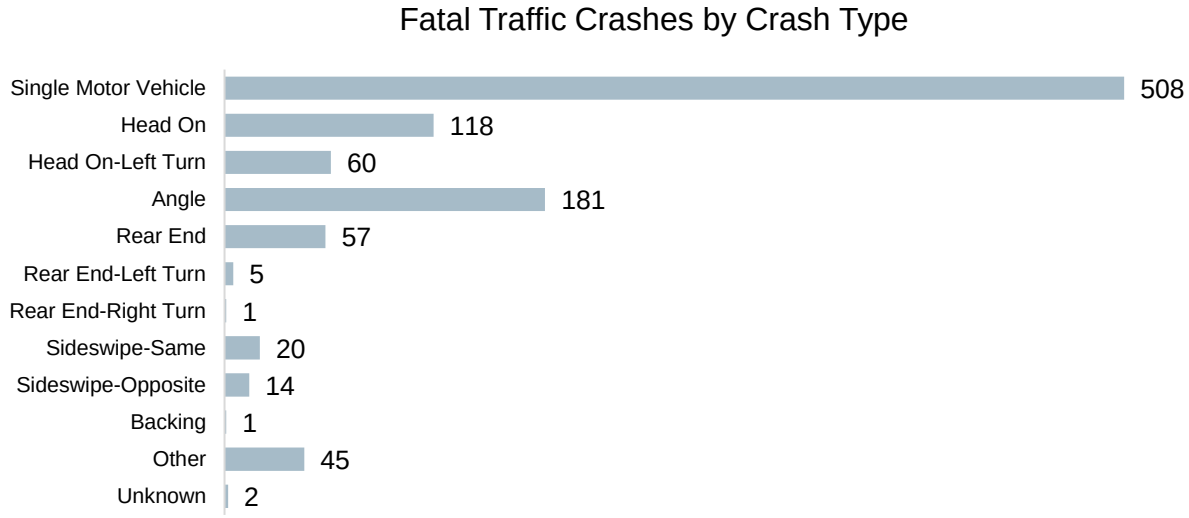


Crash Type

Description: The Crash Type describes how the vehicles involved in the traffic crash contacted the other unit(s). For multiple impact traffic crashes, only the first Crash Type is recorded.

Note: Crash Type is based on the direction of travel prior to impact, regardless of the point(s) of impact or direction the vehicles ultimately face after the crash. Damaged area on the vehicle alone does not determine the Crash Type.





Hazardous Action

Description: The Hazardous Action field indicates if, in the investigating officer's opinion, a person is "at fault" in any way, i.e., did the person's actions contribute to the traffic crash? The officer is instructed to choose the most significant Hazardous Action that applies. If a Hazardous Action does not exist, NONE can be selected. Traffic crashes involving more than one driver can result in multiple Hazardous Actions reported. The totals listed below are counting reported Hazardous Actions for the drivers and not total traffic crashes.

Note: Since Hazardous Action and Citation Issued are completely independent of each other, an entry can be made for Hazardous Action even if no tickets were issued or no physical arrest was made. Citation Issued is used to record what tickets were issued to the driver and Hazardous Action is used to record the driver's actions that contributed to or caused the traffic crash.

Hazardous Action Reported for Traffic Crashes

Hazardous Action	Total
None	252,201
Speed Too Fast	22,473
Speed Too Slow	168
Failed to Yield	46,797
Disregard Traffic Control	10,729
Drove Wrong Way	445
Drove Left of Center	2,397
Improper Passing	3,373
Improper Lane Use	14,352
Improper Turn	5,906
Improper / No Signal	516
Improper Backing	6,198
Unable to Stop	57,880
Other	14,226
Unknown	28,494
Reckless Driving	2,630
Careless Driving	10,314
Not Reported	6,089
Total:	**485,188**

Hazardous Action Reported for Fatal Traffic Crashes

Hazardous Action	Total
None	646
Speed Too Fast	172
Speed Too Slow	0
Failed to Yield	131
Disregard Traffic Control	84
Drove Wrong Way	13
Drove Left of Center	61
Improper Passing	10
Improper Lane Use	22
Improper Turn	6
Improper / No Signal	0
Improper Backing	2
Unable to Stop	40
Other	103
Unknown	194
Reckless Driving	100
Careless Driving	59
Not Reported	5
Total:	**1,648**

Both tables include driver and train engineer party types for Hazardous Action.

Trafficway

Description: The trafficway is used to indicate if a roadway is divided and whether it serves one-way or two-way traffic.

Crash Totals by Trafficway

Trafficway	Traffic Crashes
Interstate Route	33,246
US Route	24,128
M Route	59,737
Interstate Business Loop	3,816
US Business Route	2,374
M Business Route	57
Connector	561
Road, City Street or Unknown	164,659
Not Reported	302
Total:	**288,880**

Fatal Crash Totals by Trafficway

Trafficway	Traffic Crashes
Interstate Route	81
US Route	75
M Route	236
Interstate Business Loop	10
US Business Route	11
M Business Route	0
Connector	3
Road, City Street or Unknown	594
Not Reported	2
Total:	**1,012**

Road Surface Condition

Description: Even though several road surface conditions can exist simultaneously in Michigan, the single most significant road surface condition that describes the crash scene is selected.

Crash Totals by Road Surface Condition

Road Condition	Traffic Crashes
Dry	212,246
Wet	40,417
Ice	10,969
Snow	15,491
Mud, Dirt, Gravel	2,283
Slush	2,391
Debris	61
Water (Standing/Moving)	187
Sand	38
Oily	38
Other	75
Unknown	4,684
Not Reported	0
Total:	**288,880**

Fatal Crash Totals by Road Surface Condition

Road Condition	Traffic Crashes
Dry	816
Wet	125
Ice	17
Snow	18
Mud, Dirt, Gravel	22
Slush	5
Debris	0
Water (Standing/Moving)	0
Sand	0
Oily	0
Other	2
Unknown	7
Not Reported	0
Total:	**1,012**

Vehicle Type

Description: The type of vehicle involved in the traffic crash is captured for each applicable unit. A Truck / Bus unit is defined as any of the following:

- A commercial truck or truck / trailer having a Gross Vehicle Weight Rating (GVWR) or Gross Combined Weight Rating (GCWR) of 10,001 pounds or more, whichever is greater.
- Any vehicle designed or used to transport more than eight passengers including the driver. This can include city buses, school buses, limousines, and courtesy vans.
- Any vehicle displaying or requiring a hazardous material (HM) placard, regardless of weight. This can include automobiles, sport utility vehicles (SUV), vans, and pick-up trucks.

Vehicle Type Involved in Traffic Crashes

Vehicle Type	Total
Passenger Car, SUV, Van	387,279
Motor Home	1,110
Pickup Truck	58,858
Small Truck – Under 10,000	2,162
Motorcycle	3,272
Moped / Goped	437
Go-Cart / Golf Cart	55
Snowmobile	46
ORV	426
Truck / Bus	16,678
Other	1,775
Not Reported	17,160
Total:	**489,258**

Truck / Bus – Vehicle Configurations Involved in Traffic Crashes

Vehicle Configuration	Total
Passenger Car (HM)	2
Light Truck (HM)	18
Bus 9-15	421
Bus 16+	1,664
Single-Unit 2 Axles	5,016
Singe-Unit 3+ Axles	1,572
Truck / Trailer	1,235
Truck Tractor (Bobtail)	225
Tractor / Semi-Trailer	5,605
Tractor / Doubles	465
Tractor / Triples	0
Unknown Heavy Truck	455
Total:	**16,678**

Vehicle Type Involved in Fatal Traffic Crashes

Vehicle Type	Total
Passenger Car, SUV, Van	1,103
Motor Home	4
Pickup Truck	208
Small Truck – Under 10,000	3
Motorcycle	174
Moped / Goped	14
Go-Cart / Golf Cart	0
Snowmobile	2
ORV	20
Truck / Bus	104
Other	8
Not Reported	229
Total:	**1,869**

Truck / Bus – Vehicle Configurations Involved in Fatal Crashes

Vehicle Configuration	Total
Passenger Car (HM)	0
Light Truck (HM)	0
Bus 9-15	1
Bus 16+	8
Single-Unit 2 Axles	22
Singe-Unit 3+ Axles	7
Truck / Trailer	4
Truck Tractor (Bobtail)	0
Tractor / Semi-Trailer	52
Tractor / Doubles	10
Tractor / Triples	0
Unknown Heavy Truck	0
Total:	**104**

Total Traffic Crashes by County

County	Total Traffic Crashes	Fatal Traffic Crashes	Fatalities	Injury Traffic Crashes	Injuries	Property Damage Traffic Crashes
Alcona County	539	5	6	41	55	493
Alger County	242	0	0	30	41	212
Allegan County	4,042	18	21	562	820	3,462
Alpena County	710	3	6	113	155	594
Antrim County	969	4	4	108	154	857
Arenac County	708	4	5	92	112	612
Baraga County	252	0	0	20	30	232
Barry County	1,558	10	10	205	270	1,343
Bay County	2,954	12	13	515	702	2,427
Benzie County	578	7	8	62	84	509
Berrien County	4,626	17	17	762	1,062	3,847
Branch County	1,594	6	6	132	178	1,456
Calhoun County	4,624	19	20	575	793	4,030
Cass County	1,442	8	8	209	295	1,225
Charlevoix County	1,060	7	7	74	108	979
Cheboygan County	1,113	0	0	125	164	988
Chippewa County	931	3	3	125	162	803
Clare County	1,009	2	2	125	166	882
Clinton County	2,537	10	11	252	353	2,275
Crawford County	577	1	1	70	98	506
Delta County	1,039	5	5	105	146	929
Dickinson County	929	3	3	100	145	826
Eaton County	3,030	15	18	521	740	2,494
Emmet County	1,332	3	3	146	194	1,183
Genesee County	10,087	53	54	2,091	2,986	7,943
Gladwin County	761	2	3	98	144	661
Gogebic County	268	1	1	58	79	209
Grand Traverse County	3,454	10	10	500	683	2,944
Gratiot County	1,640	9	12	170	237	1,461
Hillsdale County	1,835	5	5	211	277	1,619
Houghton County	778	2	2	106	140	670
Huron County	1,542	2	2	146	204	1,394
Ingham County	8,235	16	21	1,534	2,126	6,685
Ionia County	1,823	7	7	250	343	1,566
Iosco County	623	3	3	89	118	531
Iron County	389	4	6	32	45	353
Isabella County	2,438	13	14	303	440	2,122

County	Total Traffic Crashes	Fatal Traffic Crashes	Fatalities	Injury Traffic Crashes	Injuries	Property Damage Traffic Crashes
Jackson County	4,968	22	23	645	900	4,301
Kalamazoo County	7,272	25	25	1,340	1,848	5,907
Kalkaska County	698	5	5	93	139	600
Kent County	19,429	62	64	3,856	5,249	15,511
Keweenaw County	63	0	0	9	11	54
Lake County	354	2	2	43	56	309
Lapeer County	2,840	14	19	370	520	2,456
Leelanau County	789	2	3	85	114	702
Lenawee County	2,426	19	23	433	644	1,974
Livingston County	4,560	9	14	695	948	3,856
Luce County	151	0	0	18	26	133
Mackinac County	550	4	4	58	87	488
Macomb County	21,960	68	70	4,749	6,596	17,143
Manistee County	963	5	7	86	141	872
Marquette County	1,452	6	6	184	233	1,262
Mason County	1,184	4	4	127	178	1,053
Mecosta County	1,616	7	8	192	268	1,417
Menominee County	315	6	6	67	89	242
Midland County	2,662	8	9	356	490	2,298
Missaukee County	660	0	0	66	86	594
Monroe County	3,569	18	20	712	1,003	2,839
Montcalm County	1,752	14	14	256	386	1,482
Montmorency County	347	1	1	39	47	307
Muskegon County	4,640	19	21	806	1,123	3,815
Newaygo County	1,536	13	14	194	281	1,329
Oakland County	35,951	61	68	6,709	9,139	29,181
Oceana County	1,117	2	2	123	152	992
Ogemaw County	841	5	7	112	166	724
Ontonagon County	259	1	1	23	28	235
Osceola County	1,029	1	1	110	140	918
Oscoda County	247	2	2	38	53	207
Otsego County	922	3	3	148	209	771
Ottawa County	7,797	16	17	1,314	1,798	6,467
Presque Isle County	662	0	0	48	64	614
Roscommon County	665	8	8	113	157	544
Saginaw County	5,154	27	29	937	1,358	4,190
Sanilac County	1,549	4	4	141	202	1,404
Schoolcraft County	358	2	2	33	51	323
Shiawassee County	2,155	12	13	286	391	1,857

County	Total Traffic Crashes	Fatal Traffic Crashes	Fatalities	Injury Traffic Crashes	Injuries	Property Damage Traffic Crashes
St. Clair County	3,614	17	18	597	826	3,000
St. Joseph County	2,155	12	13	286	382	1,281
Tuscola County	1,947	6	6	245	332	1,696
Van Buren County	2,508	11	11	389	570	2,108
Washtenaw County	9,844	32	35	1,640	2,231	8,172
Wayne County	50,355	166	177	11,589	16,458	38,600
Wexford County	1,316	5	5	195	297	1,116
Total:	**288,880**	**1,012**	**1,099**	**51,202**	**71,316**	**236,666**

Section 3:
Reports by Traffic Crash Indicators

2024 Alcohol Involved Traffic Crashes

Description: The UD-10 captures alcohol information for all drivers, pedestrians, bicyclists, and train engineers. Law enforcement officials document if alcohol is suspected and if it was a contributing factor to the crash. They will also document the test type, test results, and interlock system, if applicable.

2024 Summary:

- Alcohol involved traffic crashes decreased three percent from 8,817 in 2023 to 8,542 in 2024.
- Alcohol involved fatalities increased three percent from 297 in 2023 to 307 in 2024.
- 59.69 percent were male and 33.67 percent were female in alcohol involved traffic crashes.
- 61.20 percent of alcohol involved fatalities and injuries were wearing a shoulder and lap belt restraint.
- August had the highest number of alcohol involved traffic crashes by month with 790 total crashes.
- Saturdays had the highest number of alcohol involved traffic crashes by day of week.
- Alcohol involved traffic crashes occurred most between 9 p.m. and 2:59 a.m.

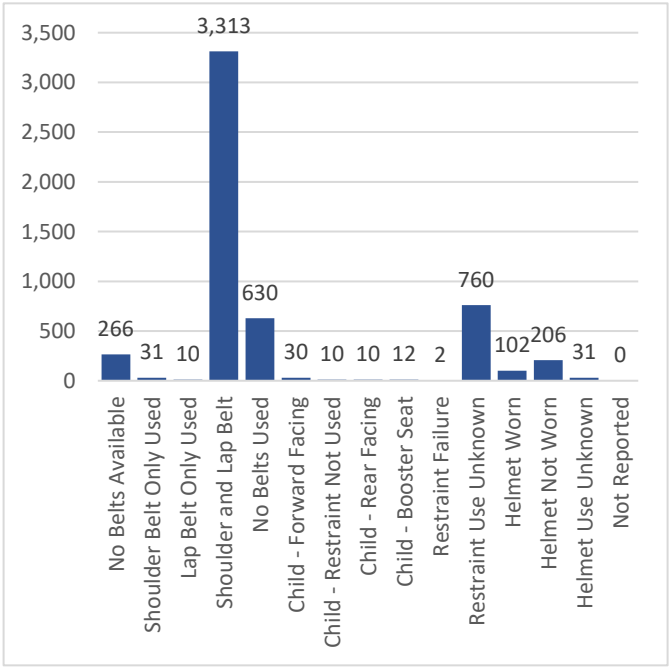
Alcohol Involved Traffic Crash Statistics for 2020-2024

	2020	2021	2022	2023	2024
Total Alcohol Involved Traffic Crashes	9,078	9,557	9,331	8,817	8,542
Total Alcohol Involved Fatal Traffic Crashes	303	336	301	272	276
Total Alcohol Involved Fatalities	326	357	322	297	307

Age and Gender for Alcohol Involved Traffic Crashes

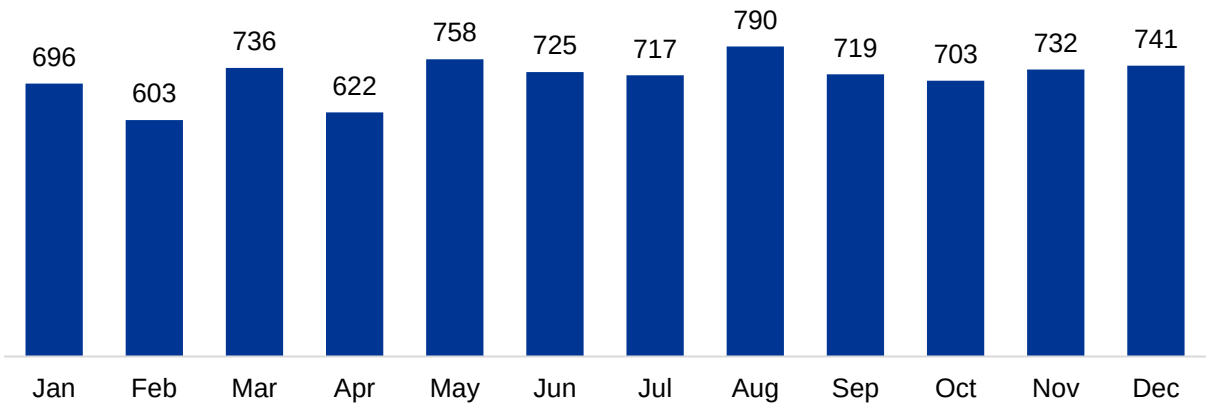
Age Range	Total	Male	Female	Non-Binary	Unknown
< 1	48	22	24	0	2
1-3	155	74	80	0	1
4-10	332	167	165	0	0
11-15	228	103	125	0	0
16-20	1,270	779	490	1	0
21-24	1,742	1,117	619	0	6
25-34	3,890	2,457	1,424	1	8
35-44	2,848	1,841	1,006	0	1
45-54	1,964	1,313	649	0	2
55-64	1,524	1,044	478	0	2
65-74	771	508	263	0	0
75-84	218	146	72	0	0
85-94	33	20	13	0	0
> 95	3	2	1	0	0
Not Reported	1,085	24	15	0	1,046
Total:	**16,111**	**9,617**	**5,424**	**2**	**1,068**
Percentage:		**59.69%**	**33.67%**	**0.01%**	**6.63%**

Restraint Use for Alcohol Involved Fatalities and Injuries

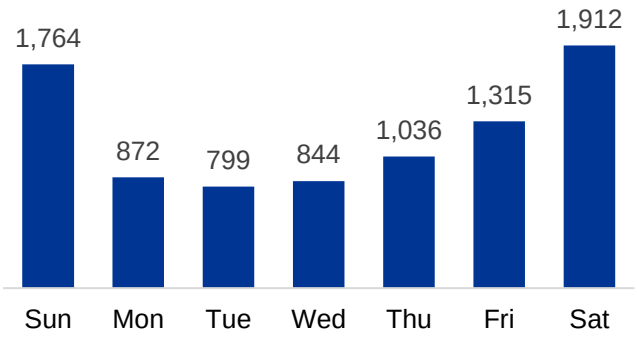


The table and chart above include all party types involved in an alcohol involved traffic crash (driver, passenger, pedestrian, bicyclist or train engineer).

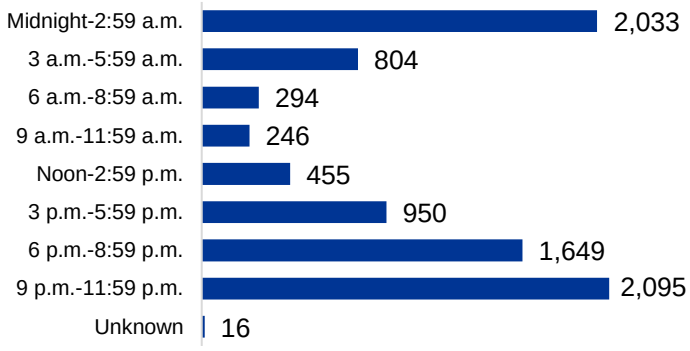
Alcohol Involved Traffic Crashes by Month



Alcohol Involved Traffic Crashes by Day of Week



Alcohol Involved Traffic Crashes by Time of Day



Alcohol Involved Traffic Crashes by County

County	Total Traffic Crashes	Fatal Traffic Crashes	Fatalities	Injury Traffic Crashes	Injuries	Property Damage Traffic Crashes
Alcona County	15	2	3	9	13	4
Alger County	8	0	0	1	1	7
Allegan County	166	7	8	64	91	95
Alpena County	21	1	1	8	9	12
Antrim County	22	0	0	9	11	13
Arenac County	15	1	1	7	7	7
Baraga County	6	0	0	4	4	2
Barry County	56	3	3	25	30	28
Bay County	93	4	5	36	53	53
Benzie County	28	2	2	7	8	19
Berrien County	148	4	4	58	83	86

County	Total Traffic Crashes	Fatal Traffic Crashes	Fatalities	Injury Traffic Crashes	Injuries	Property Damage Traffic Crashes
Branch County	28	3	3	12	15	13
Calhoun County	137	5	6	58	76	74
Cass County	51	2	2	19	28	30
Charlevoix County	22	0	0	7	11	15
Cheboygan County	31	0	0	18	20	13
Chippewa County	39	1	1	19	21	19
Clare County	25	0	0	11	14	14
Clinton County	60	1	2	26	48	33
Crawford County	16	0	0	4	5	12
Delta County	41	3	3	15	21	23
Dickinson County	31	0	0	15	28	16
Eaton County	101	5	5	45	70	51
Emmet County	36	0	0	16	20	20
Genesee County	318	12	13	162	236	144
Gladwin County	30	0	0	15	19	15
Gogebic County	15	0	0	9	11	6
Grand Traverse County	124	4	4	45	56	75
Gratiot County	42	2	2	13	17	27
Hillsdale County	32	2	2	18	25	12
Houghton County	36	1	1	15	17	20
Huron County	35	2	2	16	21	17
Ingham County	219	3	3	105	149	111
Ionia County	57	1	1	26	37	30
Iosco County	38	2	2	20	25	16
Iron County	12	1	1	2	5	9
Isabella County	73	3	3	22	30	48
Jackson County	142	7	7	69	105	66
Kalamazoo County	214	3	3	88	108	123
Kalkaska County	23	2	2	9	12	12
Kent County	686	20	21	269	368	397
Keweenaw County	6	0	0	4	5	2
Lake County	16	1	1	6	9	9
Lapeer County	74	3	3	37	46	34
Leelanau County	31	0	0	12	13	19
Lenawee County	85	4	7	42	59	39
Livingston County	160	6	7	66	87	88
Luce County	7	0	0	3	3	4

County	Total Traffic Crashes	Fatal Traffic Crashes	Fatalities	Injury Traffic Crashes	Injuries	Property Damage Traffic Crashes
Mackinac County	18	2	2	9	13	7
Macomb County	583	17	18	240	346	326
Manistee County	30	1	3	11	16	18
Marquette County	44	3	3	13	21	28
Mason County	18	1	1	5	10	12
Mecosta County	28	2	2	9	11	17
Menominee County	15	4	4	6	10	5
Midland County	56	2	3	17	20	37
Missaukee County	25	0	0	10	14	15
Monroe County	154	13	14	65	101	76
Montcalm County	62	4	4	27	44	31
Montmorency County	8	1	1	4	4	3
Muskegon County	189	8	8	92	128	89
Newaygo County	54	7	8	15	24	32
Oakland County	871	13	17	354	485	504
Oceana County	34	0	0	16	20	18
Ogemaw County	25	2	3	10	14	13
Ontonagon County	5	0	0	3	3	2
Osceola County	28	0	0	13	15	15
Oscoda County	11	1	1	7	14	3
Otsego County	21	0	0	7	9	14
Ottawa County	239	2	3	94	132	143
Presque Isle County	11	0	0	8	12	3
Roscommon County	30	2	2	14	16	14
Saginaw County	200	12	13	79	123	109
Sanilac County	15	0	0	7	9	8
Schoolcraft County	12	1	1	4	7	7
Shiawassee County	87	3	3	38	47	46
St. Clair County	122	6	7	57	77	59
St. Joseph County	52	3	4	28	36	21
Tuscola County	79	2	2	40	47	37
Van Buren County	99	6	6	39	54	54
Washtenaw County	276	8	10	131	178	137
Wayne County	1,331	25	28	574	870	732
Wexford County	39	2	2	18	26	19
Total:	**8,542**	**276**	**307**	**3,630**	**5,106**	**4,636**

2024 Drug Involved Traffic Crashes

Description: The UD-10 captures drug information for all drivers, pedestrians, bicyclists, and train engineers. Law enforcement officials document if drugs are suspected and if they were a contributing factor to the crash. They will also document the test type and test result if administered in response to the crash.

2024 Summary:

- Drug involved traffic crashes increased three percent from 2,250 in 2023 to 2,315 in 2024.
- Drug involved fatalities increased six percent from 256 in 2023 to 272 in 2024.
- 58.39 percent were male, and 36.97 percent were female in drug involved traffic crashes.
- 58.94 percent of drug involved fatalities and injuries were wearing a shoulder and lap belt restraint.
- August had the highest number of drug involved traffic crashes by month with 235 total crashes.
- Saturdays had the highest number of drug involved traffic crashes by day of week.
- Drug involved traffic crashes occurred most between 6 p.m. and 11:59 p.m.

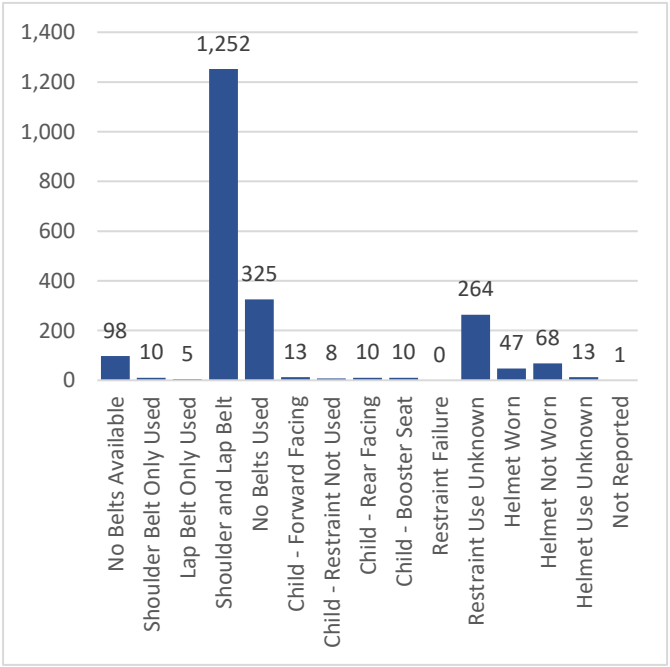
Drug Involved Traffic Crash Statistics for 2020-2024

	2020	2021	2022	2023	2024
Total Drug Involved Traffic Crashes	3,040	2,999	2,452	2,250	2,315
Total Drug Involved Fatal Traffic Crashes	250	259	229	230	246
Total Drug Involved Fatalities	267	275	249	256	272

Age and Gender for Drug Involved Traffic Crashes

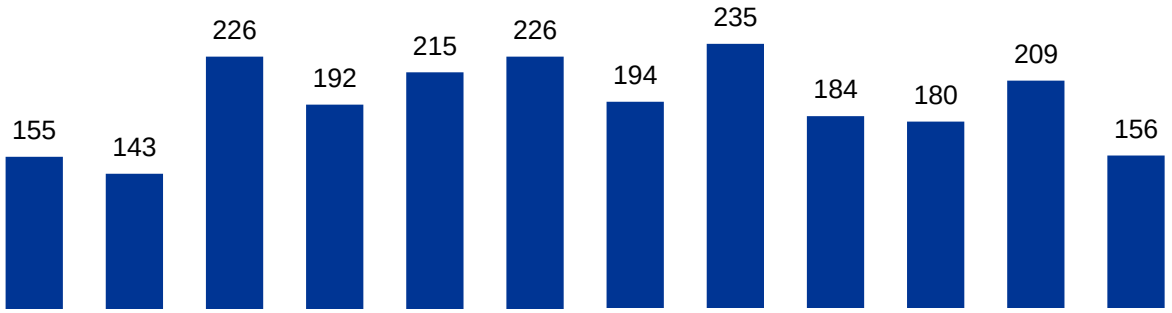
Age Range	Total	Male	Female	Non-Binary	Unknown
< 1	18	8	10	0	0
1-3	69	35	34	0	0
4-10	162	68	94	0	0
11-15	93	39	54	0	0
16-20	397	227	169	0	1
21-24	416	270	146	0	0
25-34	1,161	747	413	0	1
35-44	906	577	329	0	0
45-54	543	354	187	0	2
55-64	408	240	166	0	2
65-74	243	143	100	0	0
75-84	79	44	35	0	0
85-94	14	6	8	0	0
> 95	1	0	1	0	0
Not Reported	224	6	4	0	214
Total:	**4,734**	**2,764**	**1,750**	**0**	**220**
Percentage:		**58.39%**	**36.97%**	**0.00%**	**4.65%**

Restraint Use for Drug Involved Fatalities and Injuries

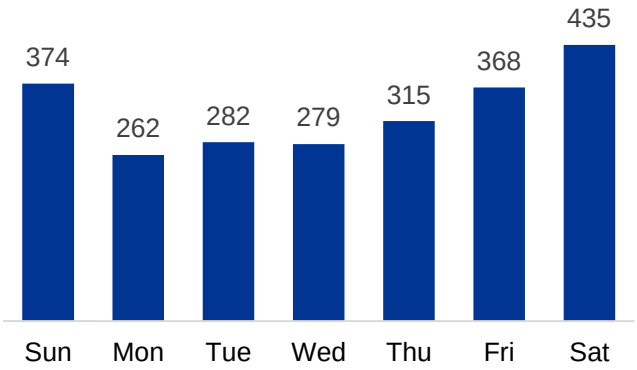


The table and chart above include all party types involved in a drug involved traffic crash (driver, passenger, pedestrian, bicyclist or train engineer).

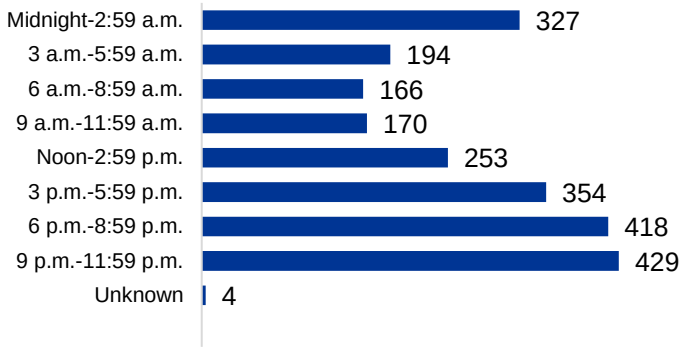
Drug Involved Traffic Crashes by Month



Drug Involved Traffic Crashes by Day of Week



Drug Involved Traffic Crashes by Time of Day



Drug Involved Traffic Crashes by County

County	Total Traffic Crashes	Fatal Traffic Crashes	Fatalities	Injury Traffic Crashes	Injuries	Property Damage Traffic Crashes
Alcona County	6	1	1	5	7	0
Alger County	3	0	0	1	1	2
Allegan County	31	8	9	11	20	12
Alpena County	8	1	2	4	8	3
Antrim County	11	0	0	4	5	7
Arenac County	2	0	0	1	1	1
Baraga County	2	0	0	2	2	0
Barry County	13	5	5	5	11	3
Bay County	15	3	4	5	14	7
Benzie County	5	0	0	3	3	2
Berrien County	45	7	7	19	35	19
Branch County	14	4	4	5	13	5
Calhoun County	40	8	9	18	30	14
Cass County	12	2	2	7	11	3

County	Total Traffic Crashes	Fatal Traffic Crashes	Fatalities	Injury Traffic Crashes	Injuries	Property Damage Traffic Crashes
Charlevoix County	11	3	3	3	6	5
Cheboygan County	10	0	0	6	7	4
Chippewa County	20	1	1	9	14	10
Clare County	8	0	0	7	9	1
Clinton County	24	5	6	10	33	9
Crawford County	4	0	0	1	1	3
Delta County	23	4	4	9	19	10
Dickinson County	12	0	0	4	8	8
Eaton County	22	3	4	9	28	10
Emmet County	12	1	1	3	3	8
Genesee County	98	13	14	45	74	40
Gladwin County	3	0	0	2	3	1
Gogebic County	7	1	1	5	12	1
Grand Traverse County	33	2	2	12	21	19
Gratiot County	11	1	2	4	7	6
Hillsdale County	12	2	2	6	11	4
Houghton County	12	0	0	4	7	8
Huron County	8	0	0	5	6	3
Ingham County	51	5	5	29	46	17
Ionia County	16	1	1	9	15	6
Iosco County	9	2	2	3	7	4
Iron County	2	1	1	1	4	0
Isabella County	26	3	3	9	16	14
Jackson County	51	2	2	24	49	25
Kalamazoo County	35	3	3	21	32	11
Kalkaska County	7	3	3	3	6	1
Kent County	143	10	10	57	89	76
Keweenaw County	2	0	0	1	1	1
Lake County	2	1	1	1	4	0
Lapeer County	21	3	3	14	19	4
Leelanau County	8	0	0	4	7	4
Lenawee County	35	3	3	22	32	10
Livingston County	61	5	8	28	43	28
Luce County	3	0	0	1	1	2
Mackinac County	10	3	3	5	7	2
Macomb County	153	16	17	72	126	65
Manistee County	9	0	0	6	8	3

County	Total Traffic Crashes	Fatal Traffic Crashes	Fatalities	Injury Traffic Crashes	Injuries	Property Damage Traffic Crashes
Marquette County	25	3	3	10	15	12
Mason County	9	0	0	3	6	6
Mecosta County	6	0	0	4	5	2
Menominee County	6	0	0	4	4	2
Midland County	8	1	2	5	9	2
Missaukee County	5	0	0	2	4	3
Monroe County	68	8	9	29	46	31
Montcalm County	23	6	6	8	21	9
Montmorency County	2	1	1	0	0	1
Muskegon County	47	5	5	24	42	18
Newaygo County	15	6	7	5	12	4
Oakland County	197	12	16	110	165	75
Oceana County	12	0	0	5	8	7
Ogemaw County	3	0	0	3	3	0
Ontonagon County	3	0	0	2	2	1
Osceola County	8	0	0	7	10	1
Otsego County	4	0	0	2	2	2
Ottawa County	70	4	5	25	41	41
Presque Isle County	3	0	0	2	3	1
Roscommon County	5	3	3	1	1	1
Saginaw County	66	10	11	30	47	26
Sanilac County	5	1	1	1	3	3
Schoolcraft County	6	1	1	2	4	3
Shiawassee County	14	1	1	6	6	7
St. Clair County	35	6	7	16	32	13
St. Joseph County	6	4	5	2	3	0
Tuscola County	38	1	1	21	28	16
Van Buren County	28	6	6	14	28	8
Washtenaw County	97	7	9	46	71	44
Wayne County	314	23	24	166	279	125
Wexford County	6	1	1	5	10	0
Total:	**2,315**	**246**	**272**	**1,104**	**1,852**	**965**

Note: Only counties that reported drug involved traffic crashes in 2024 are listed above.

2024 Distracted Driver Involved Traffic Crashes

Description: Distractions are actions or sources that may have influenced driver or non-motorist performance. The distraction that is documented on the UD-10 is either determined or observed by the responding law enforcement official. Traffic crashes involving more than one driver can result in multiple driver distractions reported.

2024 Summary:

- Distracted driver involved traffic crashes decreased five percent from 15,136 in 2023 to 14,439 in 2024.
- Distracted driver involved fatalities increased 10 percent from 59 in 2023 to 65 in 2024.
- 51.47 percent were male, and 43.61 percent were female in distracted driver involved traffic crashes.
- 81.51 percent of distracted driver involved fatalities and injuries were wearing a shoulder and lap belt restraint.
- May had the highest number of distracted driver involved traffic crashes by month with 1,481 total crashes.
- Weekdays had the highest number of distracted driver involved traffic crashes.
- Distracted driver involved traffic crashes occurred most between 3 p.m. and 5:59 p.m.

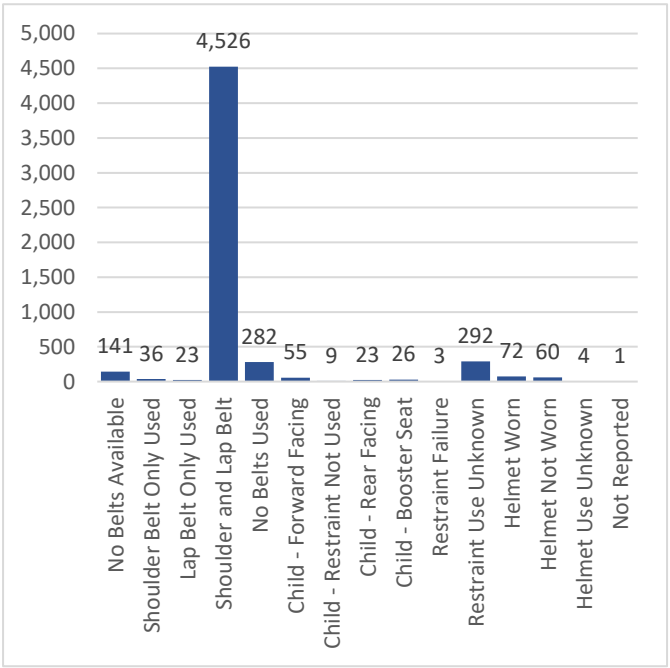
Distracted Driver Involved Traffic Crash Statistics for 2020-2024

	2020	2021	2022	2023	2024
Total Distracted Driver Involved Traffic Crashes	14,326	16,543	15,441	15,136	14,439
Total Distracted Driver Involved Traffic Fatal Crashes	48	59	53	56	56
Total Distracted Driver Involved Fatalities	52	59	57	59	65

Age and Gender for Distracted Driver Involved Traffic Crashes

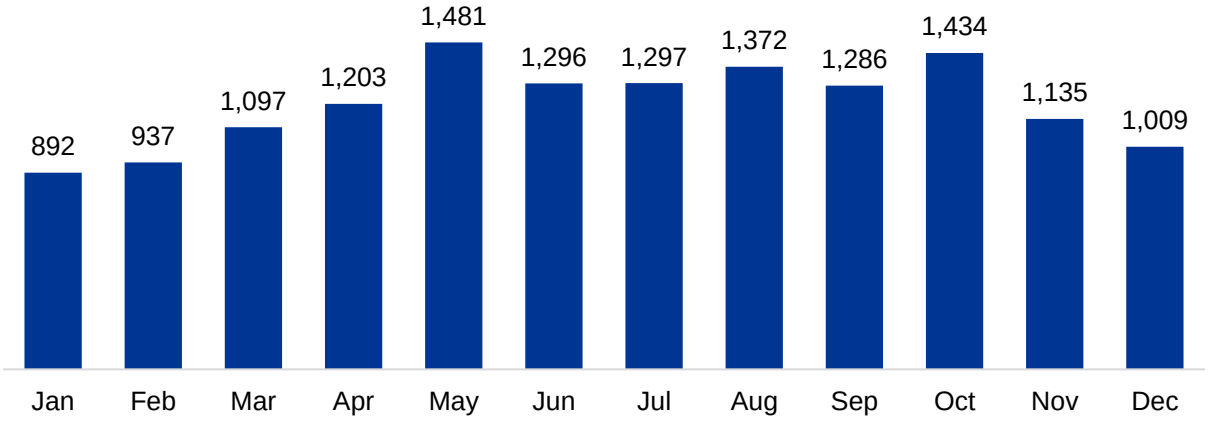
Age Range	Total	Male	Female	Non-Binary	Unknown
< 1	132	62	70	0	0
1-3	491	246	243	0	2
4-10	990	466	519	0	5
11-15	756	365	388	0	3
16-20	3,978	2,165	1,809	3	1
21-24	3,009	1,667	1,329	7	6
25-34	6,474	3,535	2,928	3	8
35-44	5,183	2,755	2,422	4	2
45-54	3,977	2,240	1,732	1	4
55-64	3,611	1,982	1,628	0	1
65-74	2,306	1,225	1,080	0	1
75-84	1,023	552	471	0	0
85-94	218	107	109	0	2
> 95	8	6	2	0	0
Not Reported	1,772	89	65	0	1,618
Total:	**33,928**	**17,462**	**14,795**	**18**	**1,653**
Percentage:		**51.47%**	**43.61%**	**0.05%**	**4.87%**

Restraint Use for Distracted Driver Involved Fatalities and Injuries

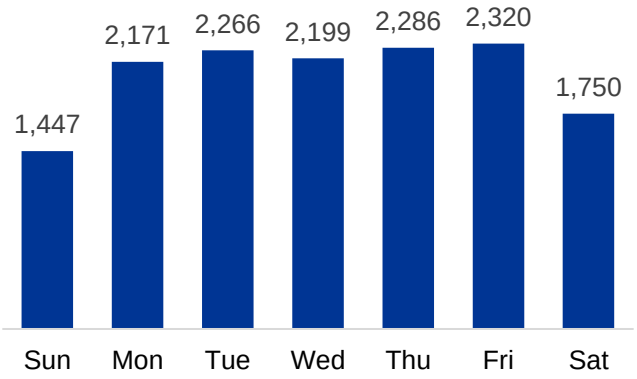


The table and chart above include all party types involved in a distracted driver involved traffic crash (driver, passenger, pedestrian, bicyclist or train engineer).

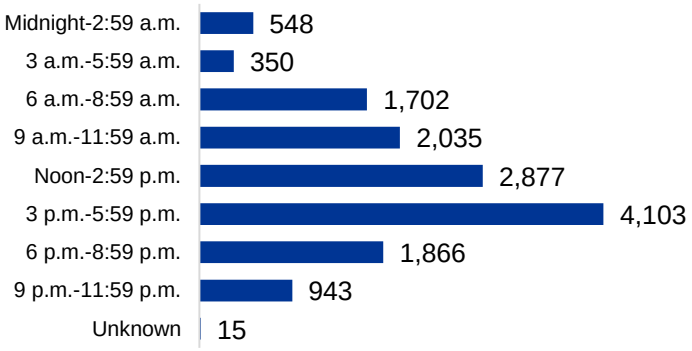
Distracted Driver Involved Traffic Crashes by Month



Distracted Driver Involved Traffic Crashes by Day of Week



Distracted Driver Involved Traffic Crashes by Time of Day



Driver Distractions Reported in Traffic Crashes

Driver Distraction	Total
Not Distracted	11,360
Communication Device (Text, Type, Dial)	1,596
Hands-Free Device (Talk)	249
Hands-Held Device (Talk)	267
Electronic Device – Other	1,545
Passenger	777
Other Activity Inside Vehicle	5,300
Activity Outside Vehicle	4,862
Unknown	1,779
Not Reported	8
Total:	**27,743**

Driver Distractions Reported in Fatal Traffic Crashes

Driver Distraction	Total
Not Distracted	31
Communication Device (Text, Type, Dial)	10
Hands-Free Device (Talk)	4
Hands-Held Device (Talk)	1
Electronic Device – Other	7
Passenger	2
Other Activity Inside Vehicle	12
Activity Outside Vehicle	22
Unknown	8
Not Reported	0
Total:	**97**

Distracted Driver Involved Traffic Crashes by County

County	Total Traffic Crashes	Fatal Traffic Crashes	Fatalities	Injury Traffic Crashes	Injuries	Property Damage Traffic Crashes
Alcona County	8	0	0	2	4	6
Alger County	5	0	0	1	1	4
Allegan County	193	0	0	49	70	144
Alpena County	37	0	0	9	11	28
Antrim County	29	0	0	12	17	17
Arenac County	19	1	2	6	10	12
Baraga County	5	0	0	1	1	4
Barry County	69	0	0	19	29	50
Bay County	172	1	1	50	64	121
Benzie County	18	0	0	5	5	13
Berrien County	245	1	1	59	87	185
Branch County	21	1	1	4	7	16
Calhoun County	165	0	0	36	50	129
Cass County	59	0	0	16	23	43
Charlevoix County	31	0	0	7	8	24
Cheboygan County	41	0	0	10	17	31
Chippewa County	31	0	0	7	7	24
Clare County	45	0	0	12	17	33
Clinton County	85	0	0	20	34	65
Crawford County	15	0	0	6	9	9
Delta County	49	0	0	9	14	40
Dickinson County	32	0	0	7	9	25
Eaton County	132	1	1	40	69	91
Emmet County	69	0	0	18	29	51
Genesee County	470	4	4	139	211	327
Gladwin County	33	0	0	14	23	19
Gogebic County	22	0	0	6	10	16
Grand Traverse County	222	1	1	51	72	170
Gratiot County	43	0	0	9	11	34
Hillsdale County	52	0	0	18	25	34
Houghton County	26	0	0	7	12	19
Huron County	39	0	0	20	29	19
Ingham County	460	1	1	106	152	353
Ionia County	104	1	1	26	34	77
Iosco County	18	0	0	8	12	10
Iron County	9	0	0	0	0	9

County	Total Traffic Crashes	Fatal Traffic Crashes	Fatalities	Injury Traffic Crashes	Injuries	Property Damage Traffic Crashes
Isabella County	98	0	0	26	38	72
Jackson County	199	0	0	53	78	146
Kalamazoo County	502	1	1	122	180	379
Kalkaska County	22	0	0	2	4	20
Kent County	1,264	3	4	324	461	937
Keweenaw County	4	0	0	0	0	4
Lake County	6	0	0	2	5	4
Lapeer County	94	0	0	30	38	64
Leelanau County	40	1	2	15	27	24
Lenawee County	105	1	1	29	48	75
Livingston County	257	2	2	66	90	189
Luce County	3	0	0	1	1	2
Mackinac County	24	1	1	8	15	15
Macomb County	1,430	5	6	383	581	1,042
Manistee County	31	1	3	7	11	23
Marquette County	83	0	0	24	31	59
Mason County	33	0	0	10	16	23
Mecosta County	80	0	0	19	24	61
Menominee County	19	0	0	6	7	13
Midland County	114	0	0	31	39	83
Missaukee County	20	0	0	8	9	12
Monroe County	198	0	0	50	75	148
Montcalm County	86	0	0	21	30	65
Montmorency County	7	0	0	3	4	4
Muskegon County	187	3	3	38	62	146
Newaygo County	70	1	1	25	46	44
Oakland County	2,042	4	4	496	712	1,542
Oceana County	39	1	1	10	12	28
Ogemaw County	27	0	0	10	12	17
Ontonagon County	8	0	0	2	2	6
Osceola County	28	0	0	11	12	17
Oscoda County	9	0	0	3	3	6
Otsego County	30	0	0	13	21	17
Ottawa County	507	1	1	118	168	388
Presque Isle County	9	0	0	4	6	5
Roscommon County	29	1	1	12	15	16
Saginaw County	265	2	3	76	111	187

County	Total Traffic Crashes	Fatal Traffic Crashes	Fatalities	Injury Traffic Crashes	Injuries	Property Damage Traffic Crashes
Sanilac County	43	1	1	13	20	29
Schoolcraft County	19	0	0	8	12	11
Shiawassee County	85	2	3	33	57	50
St. Clair County	166	2	2	42	57	122
St. Joseph County	72	0	0	24	36	48
Tuscola County	72	0	0	18	20	54
Van Buren County	133	0	0	37	59	96
Washtenaw County	523	4	4	135	203	384
Wayne County	2,237	7	8	569	829	1,661
Wexford County	47	0	0	11	18	36
Total:	**14,439**	**56**	**65**	**3,757**	**5,488**	**10,626**

2024 Bicycle Involved Traffic Crashes

Description: A bicycle is defined as a non-motorized unit propelled by pedaling, regardless of the number of wheels, which can include tricycles, unicycles, and pedal cars. When involved in a traffic crash, bicycles are recorded on the UD-10 as a separate unit.

2024 Summary:

- Bicycle involved traffic crashes increased 20 percent from 1,480 in 2023 to 1,773 in 2024.
- Bicyclist fatalities increased 21 percent from 24 in 2023 to 29 in 2024.
- 89.66 percent of bicyclist fatalities were reported as males.
- 44.83% percent of bicyclist fatalities were not wearing a helmet.
- August had the highest number of bicycle involved traffic crashes by month with 257 total crashes.
- Mondays had the highest number of bicycle involved traffic crashes by day of week.
- Bicycle involved traffic crashes occurred most between 3 p.m. and 5:59 p.m.

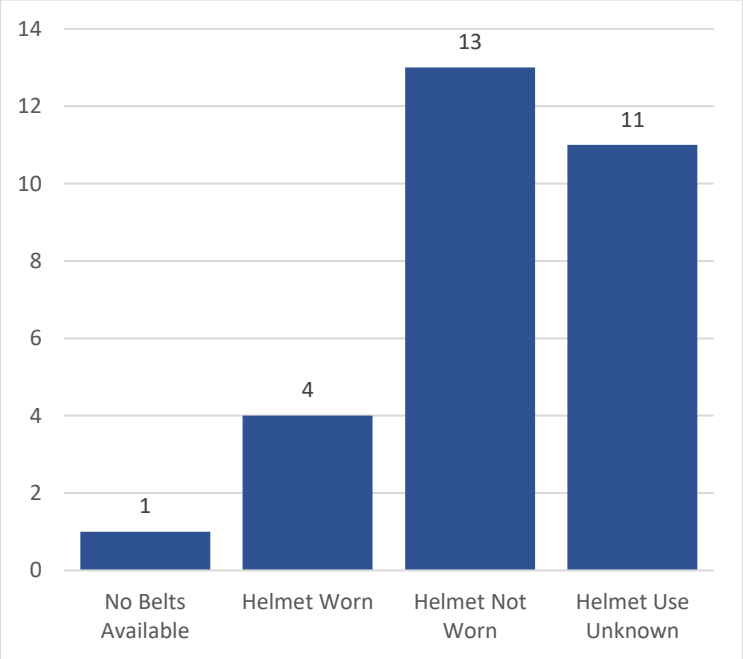
Bicycle Involved Traffic Crash Statistics for 2020-2024

	2020	2021	2022	2023	2024
Total Bicycle Involved Traffic Crashes	1,224	1,248	1,340	1,480	1,773
Total Bicycle Involved Traffic Fatal Crashes	37	29	35	24	29
Total Bicyclist Fatalities	38	29	36	24	29

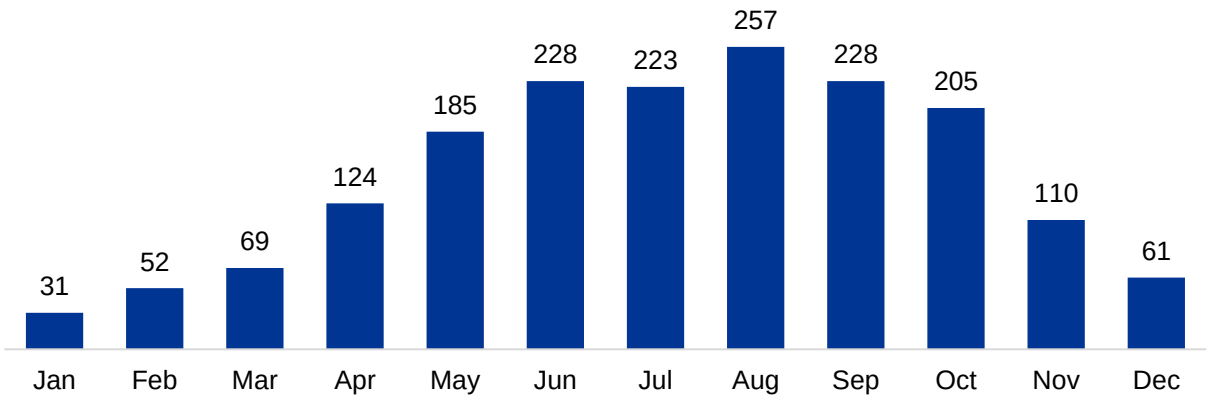
Age and Gender for Bicyclist Fatalities

Age Range	Total	Male	Female	Non-Binary
< 1	0	0	0	0
1-3	0	0	0	0
4-10	2	2	0	0
11-15	1	1	0	0
16-20	2	1	1	0
21-24	2	2	0	0
25-34	2	1	1	0
35-44	2	2	0	0
45-54	2	1	1	0
55-64	8	8	0	0
65-74	5	5	0	0
75-84	1	1	0	0
85-94	2	2	0	0
> 95	0	0	0	0
Not Reported	0	0	0	0
Total:	**29**	**26**	**3**	**0**
Percentage:		**89.66%**	**10.34%**	**0.00%**

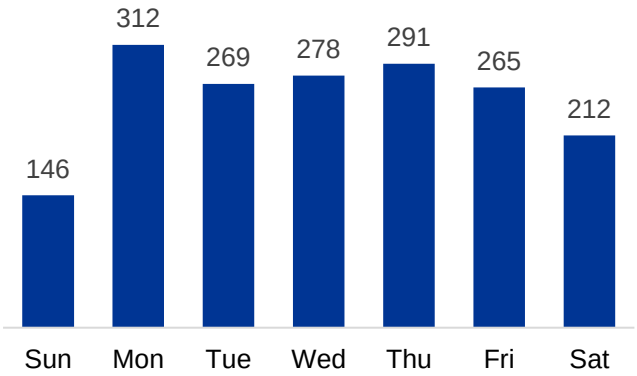
Helmet Use for Bicyclist Fatalities



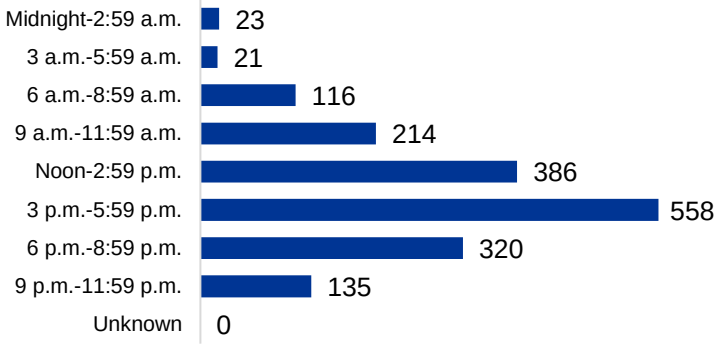
Bicycle Involved Traffic Crashes by Month



Bicycle Involved Traffic Crashes by Day of Week



Bicycle Involved Traffic Crashes by Time of Day



Bicycle Involved Traffic Crashes by County

County	Total Traffic Crashes	Fatal Traffic Crashes	Fatalities	Injury Traffic Crashes	Injuries	Property Damage Traffic Crashes
Allegan County	18	1	1	14	14	3
Alpena County	3	0	0	1	1	2
Antrim County	2	0	0	2	2	0
Arenac County	1	0	0	1	1	0
Barry County	1	0	0	1	1	0
Bay County	25	2	2	19	19	4
Berrien County	20	0	0	17	17	3
Branch County	5	1	1	4	5	0

County	Total Traffic Crashes	Fatal Traffic Crashes	Fatalities	Injury Traffic Crashes	Injuries	Property Damage Traffic Crashes
Calhoun County	12	2	2	6	6	4
Cass County	5	1	1	2	2	2
Charlevoix County	3	0	0	2	2	1
Cheboygan County	3	0	0	3	3	0
Chippewa County	10	0	0	9	9	1
Clare County	1	0	0	1	1	0
Clinton County	2	0	0	1	1	1
Crawford County	1	0	0	0	0	1
Delta County	4	0	0	4	5	0
Dickinson County	3	0	0	3	3	0
Eaton County	9	0	0	9	9	0
Emmet County	3	0	0	3	3	0
Genesee County	41	3	3	32	33	6
Gladwin County	1	0	0	1	1	0
Gogebic County	1	0	0	1	1	0
Grand Traverse County	40	1	1	31	31	8
Gratiot County	4	0	0	3	3	1
Hillsdale County	2	0	0	1	1	1
Houghton County	1	0	0	1	1	0
Huron County	1	0	0	1	1	0
Ingham County	85	0	0	67	67	18
Ionia County	3	0	0	2	2	1
Iosco County	2	0	0	1	1	1
Isabella County	11	1	1	8	8	2
Jackson County	19	0	0	10	11	9
Kalamazoo County	76	4	4	57	63	15
Kalkaska County	1	0	0	1	1	0
Kent County	189	1	1	146	148	42
Lake County	2	0	0	2	2	0
Lapeer County	7	0	0	5	5	2
Leelanau County	4	0	0	3	3	1
Lenawee County	9	0	0	6	6	3
Livingston County	13	1	1	11	12	1
Macomb County	170	2	2	134	139	34
Manistee County	3	0	0	3	3	0
Marquette County	14	0	0	12	12	2
Mason County	6	0	0	4	4	2

County	Total Traffic Crashes	Fatal Traffic Crashes	Fatalities	Injury Traffic Crashes	Injuries	Property Damage Traffic Crashes
Mecosta County	9	0	0	8	8	1
Menominee County	4	0	0	4	4	0
Midland County	11	0	0	8	9	3
Missaukee County	4	0	0	4	4	0
Monroe County	14	0	0	9	9	5
Montcalm County	7	0	0	5	5	2
Montmorency County	1	0	0	1	1	0
Muskegon County	36	1	1	30	33	5
Newaygo County	6	0	0	5	5	1
Oakland County	201	1	1	164	167	36
Oceana County	4	1	1	3	4	0
Ogemaw County	1	0	0	1	1	0
Osceola County	2	0	0	2	2	0
Otsego County	2	0	0	2	2	0
Ottawa County	92	1	1	66	69	25
Roscommon County	1	0	0	1	1	0
Saginaw County	30	1	1	21	23	8
Schoolcraft County	2	0	0	1	2	1
Shiawassee County	7	0	0	5	5	2
St. Clair County	18	0	0	13	14	5
St. Joseph County	10	1	1	7	7	2
Tuscola County	2	0	0	1	1	1
Van Buren County	9	0	0	9	9	0
Washtenaw County	91	1	1	66	67	24
Wayne County	368	2	2	278	285	88
Wexford County	5	0	0	3	3	2
Total:	**1,773**	**29**	**29**	**1,362**	**1,403**	**382**

Note: Only counties that reported bicycle involved traffic crashes in 2024 are listed above.

2024 Pedestrian Involved Traffic Crashes

Description: Each of the following scenarios are documented as pedestrian involved traffic crashes on the UD-10: a person on foot; person on skis, skates, or roller blades; rider of a horse; horse and buggy (each occupant, including the driver, will be listed as a separate pedestrian unit); and a non-motorized wheelchair.

2024 Summary:

- Pedestrian involved traffic crashes increased one percent from 2,114 in 2023 to 2,131 in 2024.
- Pedestrian fatalities decreased 15 percent from 183 in 2023 to 156 in 2024.
- There was one motorcyclist who also received fatal injuries in a pedestrian involved traffic crash in 2024.
- 71.79 percent of pedestrian fatalities were reported as males.
- 33.97 percent of pedestrians were not crossing at an intersection prior to the traffic crash.
- October had the highest number of pedestrian involved traffic crashes by month with 225 total crashes.
- Fridays had the highest number of pedestrian involved traffic crashes by day of week with 348 total crashes.
- Pedestrian involved traffic crashes occurred most between 3 p.m. and 8:59 p.m.

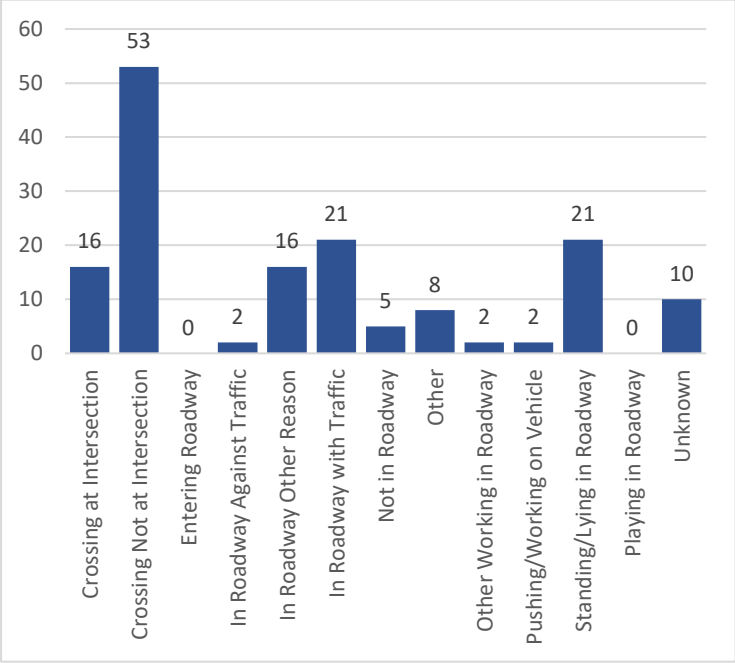
Pedestrian Involved Traffic Crash Statistics for 2020-2024

	2020	2021	2022	2023	2024
Total Pedestrian Involved Traffic Crashes	1,682	1,790	1,897	2,114	2,131
Total Pedestrian Involved Fatal Traffic Crashes	173	182	172	179	155
Total Pedestrian Fatalities	175	183	173	183	156

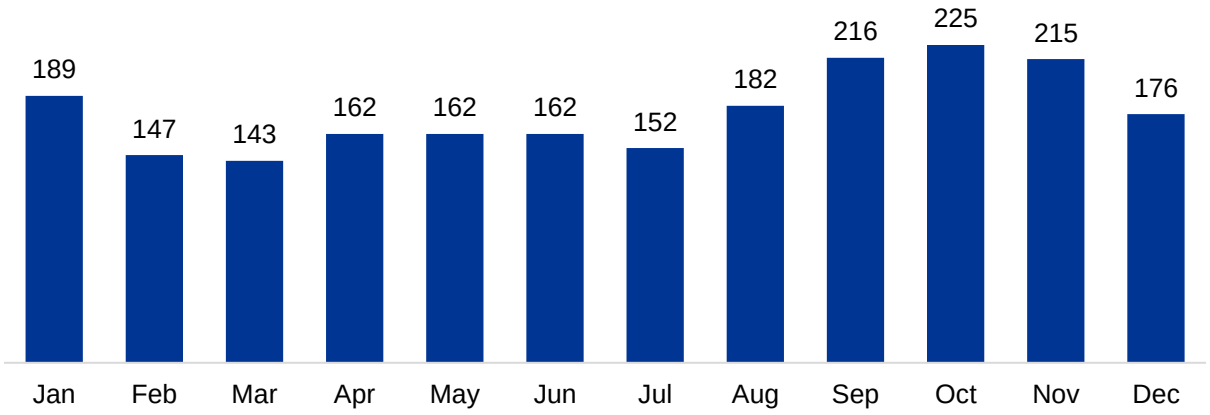
Age and Gender for Pedestrian Fatalities

Age Range	Total	Male	Female	Non-Binary
< 1	0	0	0	0
1-3	3	0	3	0
4-10	4	2	2	0
11-15	2	1	1	0
16-20	3	3	0	0
21-24	5	4	1	0
25-34	28	24	4	0
35-44	30	21	9	0
45-54	19	14	5	0
55-64	30	20	10	0
65-74	17	11	6	0
75-84	11	9	2	0
85-94	3	2	1	0
> 95	1	1	0	0
Not Reported	0	0	0	0
Total:	**156**	**112**	**44**	**0**
Percentage:		**71.79%**	**28.21%**	**0.00%**

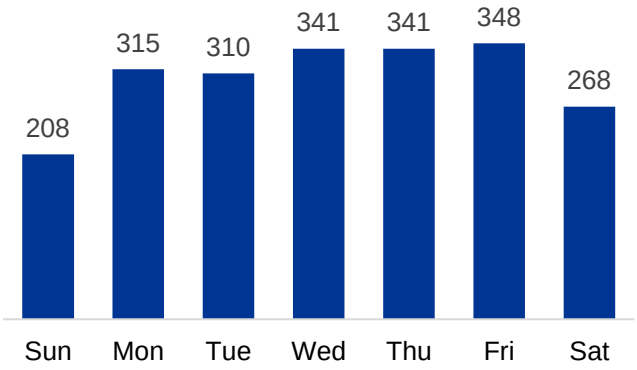
Action Prior for Pedestrian Fatalities



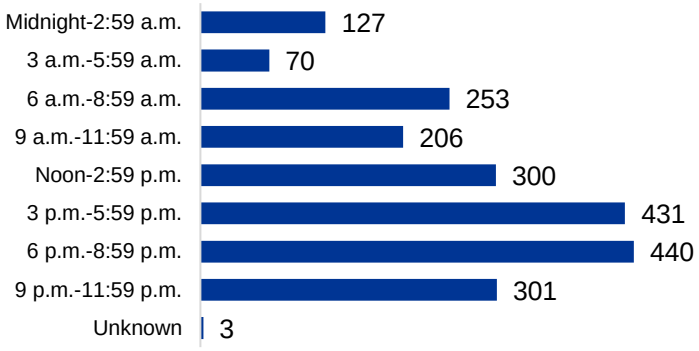
Pedestrian Involved Traffic Crashes by Month



Pedestrian Involved Traffic Crashes by Day of Week



Pedestrian Involved Traffic Crashes by Time of Day



Pedestrian Involved Traffic Crashes by County

County	Total Traffic Crashes	Fatal Traffic Crashes	Fatalities	Injury Traffic Crashes	Injuries	Property Damage Traffic Crashes
Alcona County	1	1	1	0	0	0
Allegan County	16	3	3	11	13	2
Alpena County	4	0	0	3	3	1
Antrim County	2	0	0	2	2	0
Baraga County	1	0	0	1	1	0
Barry County	6	0	0	4	4	2

County	Total Traffic Crashes	Fatal Traffic Crashes	Fatalities	Injury Traffic Crashes	Injuries	Property Damage Traffic Crashes
Bay County	27	0	0	23	24	4
Benzie County	2	2	2	0	1	0
Berrien County	22	3	3	19	20	0
Branch County	9	0	0	7	16	2
Calhoun County	25	2	2	20	20	3
Cass County	2	0	0	1	1	1
Charlevoix County	3	1	1	2	2	0
Cheboygan County	1	0	0	1	1	0
Chippewa County	6	0	0	5	5	1
Clare County	3	0	0	3	3	0
Clinton County	7	1	2	6	23	0
Crawford County	1	0	0	1	1	0
Delta County	2	0	0	2	2	0
Dickinson County	1	0	0	1	1	0
Eaton County	15	1	1	14	14	0
Emmet County	4	1	1	2	2	1
Genesee County	86	10	10	67	73	9
Gladwin County	7	0	0	3	4	4
Gogebic County	2	0	0	2	2	0
Grand Traverse County	25	2	2	20	23	3
Gratiot County	5	0	0	5	5	0
Hillsdale County	7	1	1	5	7	1
Houghton County	1	0	0	1	2	0
Huron County	1	0	0	1	1	0
Ingham County	78	3	3	68	72	7
Ionia County	7	0	0	7	7	0
Iosco County	3	0	0	2	3	1
Iron County	1	0	0	1	1	0
Isabella County	9	2	2	5	5	2
Jackson County	33	3	3	21	30	9
Kalamazoo County	60	3	3	48	51	9
Kalkaska County	2	0	0	1	2	1
Kent County	236	16	16	188	207	32
Lapeer County	8	2	2	6	9	0
Leelanau County	3	0	0	2	2	1
Lenawee County	9	1	1	8	9	0
Livingston County	12	0	0	12	12	0

County	Total Traffic Crashes	Fatal Traffic Crashes	Fatalities	Injury Traffic Crashes	Injuries	Property Damage Traffic Crashes
Macomb County	154	12	12	120	128	22
Marquette County	8	0	0	5	5	3
Mason County	5	1	1	3	8	1
Mecosta County	7	0	0	6	8	1
Menominee County	3	1	1	2	2	0
Midland County	10	1	1	9	9	0
Missaukee County	1	0	0	0	0	1
Monroe County	22	5	6	14	23	3
Montcalm County	8	2	2	5	9	1
Muskegon County	33	2	2	27	31	4
Newaygo County	1	0	0	0	0	1
Oakland County	229	10	10	197	212	22
Oceana County	1	0	0	1	1	0
Ontonagon County	1	0	0	1	1	0
Osceola County	2	0	0	2	2	0
Otsego County	2	0	0	2	2	0
Ottawa County	42	2	2	37	39	3
Roscommon County	5	1	1	4	4	0
Saginaw County	36	7	7	27	34	2
Sanilac County	3	0	0	2	2	1
Schoolcraft County	1	0	0	1	1	0
Shiawassee County	9	1	1	8	8	0
St. Clair County	26	4	4	17	18	5
St. Joseph County	14	0	0	13	15	1
Tuscola County	6	0	0	5	5	1
Van Buren County	6	1	1	5	5	0
Washtenaw County	100	6	6	87	98	7
Wayne County	637	40	40	496	567	101
Total:	**2,131**	**155**	**157***	**1,700**	**1,927**	**276**

Note: Only counties that reported pedestrian involved traffic crashes in 2024 are listed above.

*Fatality and injury totals above can include any party type who was killed or received an injury in a pedestrian involved traffic crash. In 2024, one motorcyclist also received fatal injuries in a pedestrian involved traffic crash.

2024 Motorcycle Involved Traffic Crashes

Description: A motorcycle is defined as every motor vehicle having a saddle or seat for the use of the rider and designed to travel on not more than three wheels in contact with the ground but excluding a tractor. It is recorded as its own unit on a UD-10.

2024 Summary:

- Motorcycle involved traffic crashes increased four percent from 3,056 in 2023 to 3,187 in 2024.
- Motorcyclist fatalities increased two percent from 165 in 2023 to 168 in 2024.
- There was one pedestrian who also received fatal injuries in a motorcycle involved traffic crash in 2024.
- 97.02 percent of motorcyclist fatalities were reported as males.
- 53.57 percent of motorcyclist fatalities were wearing a helmet.
- July had the highest number of motorcycle involved traffic crashes by month with 502 total crashes.
- Saturdays had the highest number of motorcycle involved traffic crashes by day of week.
- Motorcycle involved traffic crashes occurred most between 3 p.m. and 5:59 p.m.

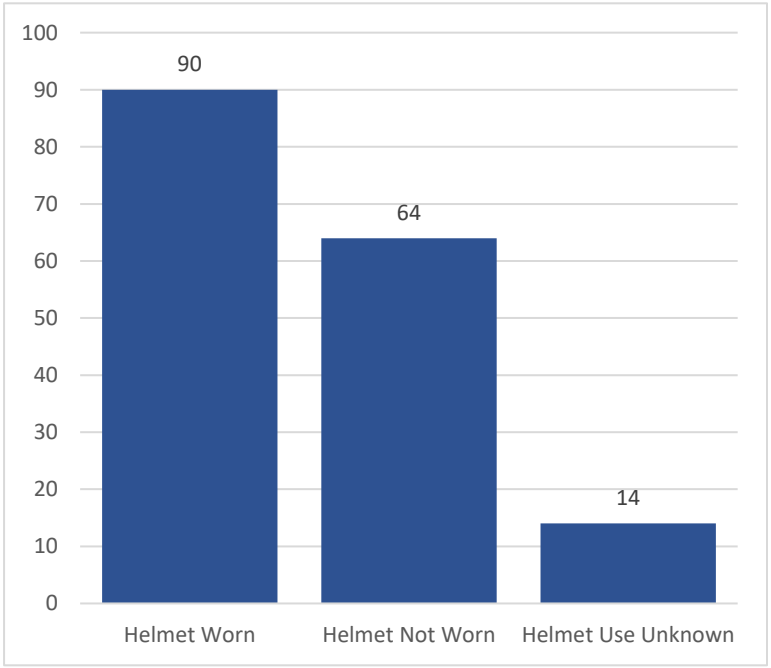
Motorcycle Involved Traffic Crash Statistics for 2020-2024

	2020	2021	2022	2023	2024
Total Motorcycle Involved Traffic Crashes	2,988	3,175	3,158	3,056	3,187
Total Motorcycle Involved Fatal Traffic Crashes	150	166	168	164	168
Total Motorcyclist Fatalities	152	166	173	165	168

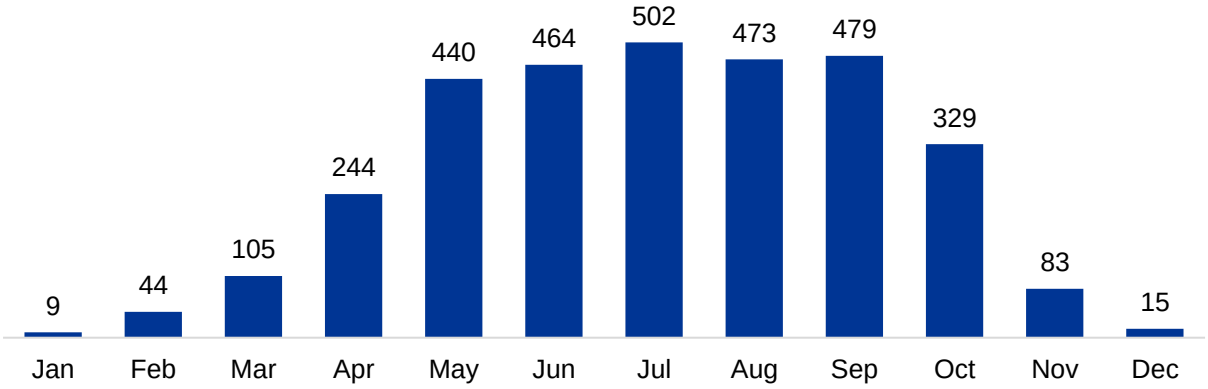
Age and Gender for Motorcyclist Fatalities

Age Range	Total	Male	Female	Non-Binary
< 1	0	0	0	0
1-3	0	0	0	0
4-10	0	0	0	0
11-15	1	1	0	0
16-20	9	8	1	0
21-24	17	17	0	0
25-34	40	39	1	0
35-44	29	28	1	0
45-54	23	22	1	0
55-64	20	20	0	0
65-74	21	20	1	0
75-84	8	8	0	0
85-94	0	0	0	0
> 95	0	0	0	0
Not Reported	0	0	0	0
Total:	**168**	**163**	**5**	**0**
Percentage:		**97.02%**	**2.98%**	**0.00%**

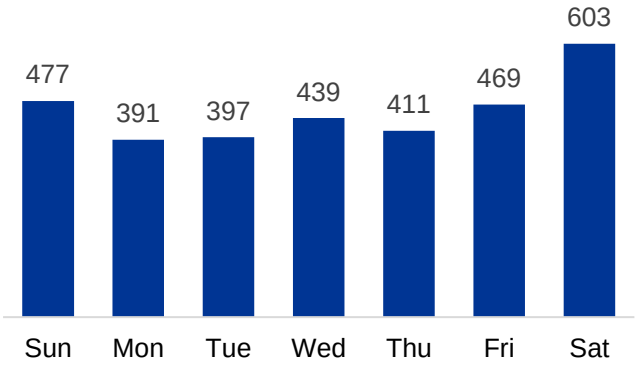
Helmet Use for Motorcyclist Fatalities



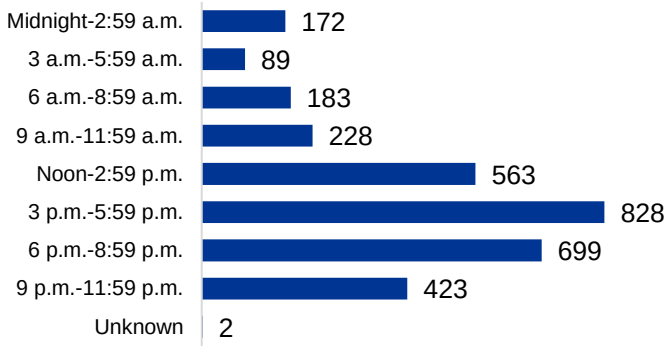
Motorcycle Involved Traffic Crashes by Month



Motorcycle Involved Traffic Crashes by Day of Week



Motorcycle Involved Traffic Crashes by Time of Day



Motorcycle Involved Traffic Crashes by County

County	Total Traffic Crashes	Fatal Traffic Crashes	Fatalities	Injury Traffic Crashes	Injuries	Property Damage Traffic Crashes
Alcona County	5	0	0	4	5	1
Alger County	8	0	0	6	8	2
Allegan County	54	5	5	42	46	7
Alpena County	10	1	1	7	10	2
Antrim County	22	1	1	14	15	7
Arenac County	10	1	1	9	9	0
Barry County	45	3	3	27	29	15
Bay County	37	2	2	26	29	9
Benzie County	6	1	1	3	3	2
Berrien County	42	0	0	32	35	10
Branch County	25	2	2	18	19	5

County	Total Traffic Crashes	Fatal Traffic Crashes	Fatalities	Injury Traffic Crashes	Injuries	Property Damage Traffic Crashes
Calhoun County	80	6	6	46	51	28
Cass County	28	1	1	20	22	7
Charlevoix County	10	3	3	4	6	3
Cheboygan County	13	0	0	11	13	2
Chippewa County	13	1	1	10	11	2
Clare County	12	0	0	7	8	5
Clinton County	15	2	2	10	11	3
Crawford County	5	1	1	3	4	1
Delta County	8	0	0	6	7	2
Dickinson County	9	0	0	6	8	3
Eaton County	39	1	1	30	33	8
Emmet County	18	1	1	12	13	5
Genesee County	110	5	5	81	100	24
Gladwin County	11	1	1	9	14	1
Gogebic County	2	0	0	1	1	1
Grand Traverse County	45	2	2	32	37	11
Gratiot County	13	1	1	9	9	3
Hillsdale County	30	1	1	24	27	5
Houghton County	7	1	1	5	5	1
Huron County	9	0	0	8	11	1
Ingham County	82	1	1	58	65	23
Ionia County	25	1	1	17	18	7
Iosco County	7	0	0	4	5	3
Iron County	5	0	0	3	3	2
Isabella County	19	1	1	15	18	3
Jackson County	70	4	4	47	53	19
Kalamazoo County	87	1	1	65	70	21
Kalkaska County	10	0	0	8	10	2
Kent County	192	6	6	150	172	36
Keweenaw County	1	0	0	0	0	1
Lake County	5	0	0	5	6	0
Lapeer County	30	2	2	22	24	6
Leelanau County	7	0	0	7	7	0
Lenawee County	49	6	6	36	43	7
Livingston County	70	2	3	58	65	10
Luce County	3	0	0	2	2	1
Mackinac County	9	2	2	6	8	1
Macomb County	214	14	14	156	182	44
Manistee County	7	2	2	4	6	1

County	Total Traffic Crashes	Fatal Traffic Crashes	Fatalities	Injury Traffic Crashes	Injuries	Property Damage Traffic Crashes
Marquette County	10	1	1	8	12	1
Mason County	10	0	0	7	8	3
Mecosta County	16	1	1	13	13	2
Menominee County	7	1	1	4	4	2
Midland County	18	1	1	12	15	5
Missaukee County	3	0	0	3	3	0
Monroe County	61	7	7	43	54	11
Montcalm County	29	0	0	25	28	4
Montmorency County	1	0	0	0	0	1
Muskegon County	76	4	4	57	67	15
Newaygo County	34	1	1	23	27	10
Oakland County	304	16	16	209	239	79
Oceana County	12	0	0	11	12	1
Ogemaw County	11	1	1	9	11	1
Ontonagon County	1	0	0	1	1	0
Osceola County	9	0	0	6	6	3
Oscoda County	5	0	0	3	3	2
Otsego County	5	0	0	3	4	2
Ottawa County	77	2	2	61	67	14
Presque Isle County	5	0	0	4	8	1
Roscommon County	10	2	2	7	8	1
Saginaw County	48	3	3	31	39	14
Sanilac County	4	0	0	1	1	3
Schoolcraft County	2	0	0	2	2	0
Shiawassee County	27	5	5	17	19	5
St. Clair County	48	3	3	35	42	10
St. Joseph County	37	1	1	30	31	6
Tuscola County	16	2	2	13	19	1
Van Buren County	49	3	3	33	38	13
Washtenaw County	101	5	5	66	74	30
Wayne County	504	24	24	352	407	128
Wexford County	14	0	0	12	14	2
Total:	**3,187**	**168**	**169***	**2,286**	**2,632**	**733**

Note: Only counties that reported motorcycle involved traffic crashes in 2024 are listed above.

*Fatality and injury totals above can include any party type who was killed or received an injury in a motorcycle involved traffic crash. In 2024, one pedestrian also received fatal injuries in a motorcycle involved traffic crash.

2024 ORV Involved Traffic Crashes

Description: An ORV is defined as a motor-driven, off-road recreation vehicle capable of cross-country travel without benefit of a road or trail, on or immediately over land, snow, ice, marsh, swampland, or other natural terrain. An all-terrain vehicle, commonly referred to as an ATV, is an ORV. The State of Michigan requires that both traffic crashes and non-traffic crashes involving snowmobiles and ORVs be reported. This requirement applies whenever an ORV or snowmobile is involved in a crash resulting in a fatality, personal injury, or property damage of $100.00 or more.

2024 Summary:

- ORV involved traffic crashes increased four percent from 396 in 2023 to 413 in 2024.
- ORV fatalities decreased five percent from 22 in 2023 to 21 in 2024.
- 80.95 percent of ORV rider fatalities were reported as males.
- 52.38 percent of ORV riders were not wearing a helmet.
- July had the highest number of ORV involved traffic crashes by month with 69 total crashes.
- Saturdays had the highest number of ORV involved traffic crashes by day of week.
- ORV involved traffic crashes occurred most between noon and 8:59 p.m.

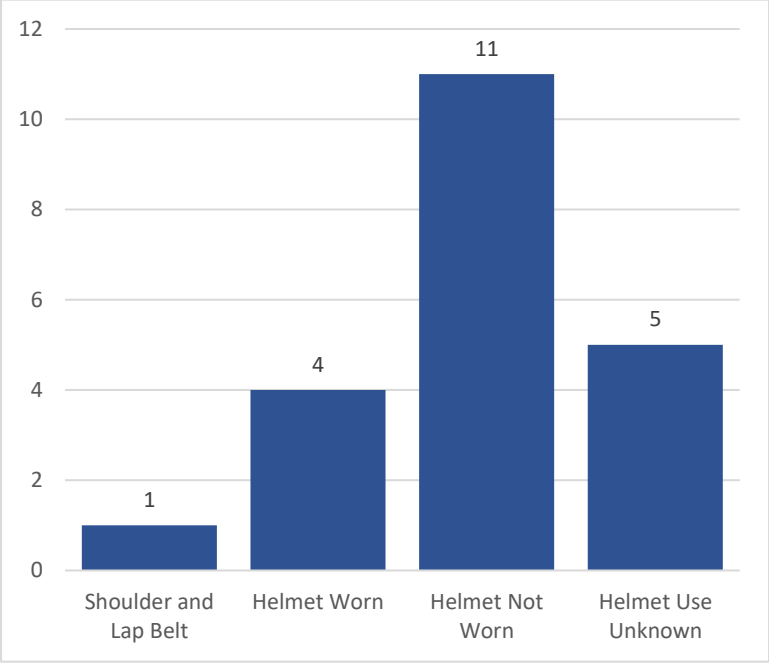
ORV Involved Traffic Crash Statistics for 2020-2024

	2020	2021	2022	2023	2024
Total ORV Involved Traffic Crashes	442	436	460	396	413
Total ORV Involved Fatal Traffic Crashes	15	21	21	22	20
Total ORV Rider Fatalities	15	21	21	22	21

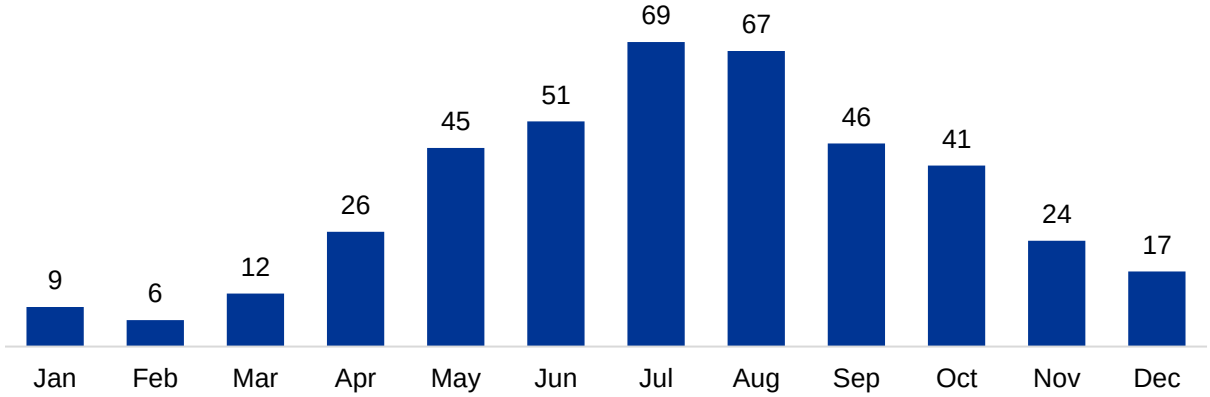
Age and Gender for ORV Rider Fatalities

Age Range	Total	Male	Female	Non-Binary
< 1	0	0	0	0
1-3	0	0	0	0
4-10	1	0	1	0
11-15	0	0	0	0
16-20	3	3	0	0
21-24	1	1	0	0
25-34	3	2	1	0
35-44	1	0	1	0
45-54	0	0	0	0
55-64	7	6	1	0
65-74	3	3	0	0
75-84	2	2	0	0
85-94	0	0	0	0
> 95	0	0	0	0
Not Reported	0	0	0	0
Total:	**21**	**17**	**4**	**0**
Percentage:		**80.95%**	**19.05%**	**0.00%**

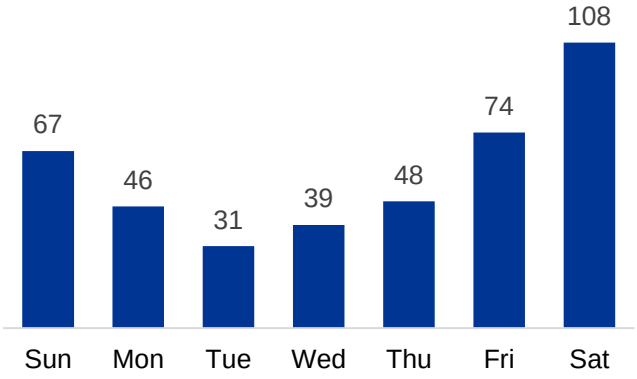
Restraint Use for ORV Rider Fatalities



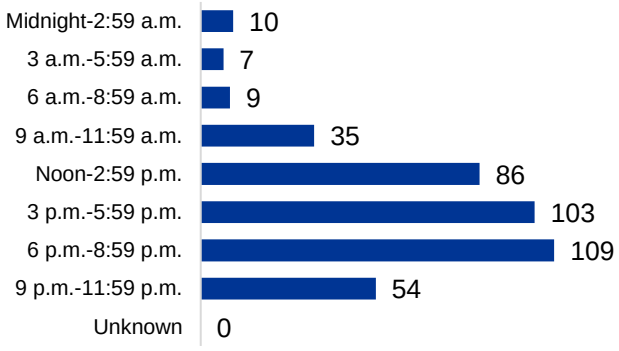
ORV Involved Traffic Crashes by Month



ORV Involved Traffic Crashes by Day of Week



ORV Involved Traffic Crashes by Time of Day



ORV Involved Traffic Crashes by County

County	Total Traffic Crashes	Fatal Traffic Crashes	Fatalities	Injury Traffic Crashes	Injuries	Property Damage Traffic Crashes
Alcona County	1	0	0	1	1	0
Alger County	3	0	0	2	3	1
Allegan County	9	0	0	6	7	3
Alpena County	1	0	0	1	2	0
Antrim County	5	0	0	4	6	1
Arenac County	3	0	0	1	2	2
Barry County	2	0	0	2	2	0
Bay County	1	0	0	1	2	0
Benzie County	2	0	0	1	1	1
Berrien County	3	0	0	3	3	0
Calhoun County	3	1	1	1	1	1

County	Total Traffic Crashes	Fatal Traffic Crashes	Fatalities	Injury Traffic Crashes	Injuries	Property Damage Traffic Crashes
Cass County	6	0	0	4	4	2
Charlevoix County	5	0	0	3	4	2
Cheboygan County	14	0	0	12	13	2
Chippewa County	6	0	0	5	7	1
Clare County	9	0	0	6	6	3
Clinton County	3	0	0	2	2	1
Crawford County	4	0	0	4	6	0
Delta County	5	1	1	2	2	2
Dickinson County	9	0	0	5	5	4
Eaton County	4	0	0	3	3	1
Emmet County	1	0	0	0	0	1
Genesee County	4	0	0	3	4	1
Gladwin County	8	0	0	6	7	2
Gogebic County	3	0	0	2	4	1
Grand Traverse County	6	0	0	4	4	2
Gratiot County	4	0	0	3	3	1
Hillsdale County	3	0	0	1	3	2
Houghton County	3	0	0	1	1	2
Huron County	7	1	1	5	8	1
Ionia County	7	0	0	7	10	0
Iosco County	2	0	0	2	2	0
Iron County	3	0	0	2	2	1
Isabella County	6	0	0	5	6	1
Jackson County	5	0	0	3	3	2
Kalamazoo County	1	0	0	1	1	0
Kalkaska County	12	1	1	8	8	3
Kent County	6	0	0	5	5	1
Keweenaw County	1	0	0	1	1	0
Lake County	9	0	0	5	7	4
Lapeer County	6	0	0	4	8	2
Leelanau County	1	1	1	0	1	0
Lenawee County	3	0	0	2	2	1
Livingston County	4	0	0	1	1	3
Luce County	1	0	0	0	0	1
Mackinac County	5	1	1	3	4	1
Macomb County	9	0	0	6	8	3
Manistee County	1	0	0	0	0	1

County	Total Traffic Crashes	Fatal Traffic Crashes	Fatalities	Injury Traffic Crashes	Injuries	Property Damage Traffic Crashes
Marquette County	5	0	0	3	3	2
Mason County	3	0	0	2	5	1
Mecosta County	3	0	0	3	5	0
Menominee County	5	1	1	2	2	2
Monroe County	6	0	0	5	5	1
Montcalm County	4	1	1	3	5	0
Montmorency County	2	0	0	2	2	0
Muskegon County	11	0	0	9	12	2
Newaygo County	5	0	0	3	5	2
Oakland County	15	1	2	11	12	3
Oceana County	6	1	1	4	9	1
Ogemaw County	10	2	2	7	7	1
Ontonagon County	2	0	0	2	2	0
Osceola County	3	0	0	2	2	1
Oscoda County	5	0	0	5	8	0
Otsego County	1	0	0	0	0	1
Ottawa County	5	0	0	2	3	3
Presque Isle County	1	0	0	1	1	0
Roscommon County	19	2	2	7	9	10
Saginaw County	5	1	1	4	4	0
Sanilac County	6	0	0	6	6	0
Schoolcraft County	5	1	1	3	4	1
Shiawassee County	7	0	0	7	10	0
St. Clair County	12	0	0	9	10	3
St. Joseph County	1	0	0	1	1	0
Tuscola County	5	0	0	4	4	1
Van Buren County	5	0	0	3	3	2
Washtenaw County	2	1	1	0	0	1
Wayne County	29	2	2	19	20	8
Wexford County	6	1	1	4	7	1
Total:	**413**	**20**	**21**	**282**	**351**	**111**

Note: Only counties that reported ORV involved traffic crashes in 2024 are listed above. Non-traffic ORV involved crashes are not included in this table.

2024 Snowmobile Involved Traffic Crashes

Description: A snowmobile is defined as any motor driven vehicle designed for travel primarily on snow or ice of a type which utilizes sled runners or skis, or an endless belt tread or any combination of these or other similar means of contact with the surface upon which it is operated; but is not a vehicle which must be registered under Act No. 300 of the Public Acts of 1949, as amended, being section 257.1 to 257.923 of the Michigan Compiled Laws (MCL 324.82101).

2024 Summary:

- Snowmobile involved traffic crashes decreased 29 percent from 58 in 2023 to 41 in 2024.
- Snowmobile involved fatalities remained the same with two in 2023 and two in 2024.
- 50 percent of snowmobile rider fatalities were reported as males.
- 100 percent of snowmobile rider fatalities were wearing a helmet.
- January had the highest number of snowmobile involved traffic crashes by month with 26 total crashes.
- Saturdays had the highest number of snowmobile involved traffic crashes by day of week.
- Snowmobile involved traffic crashes occurred most between noon and 11:59 p.m.

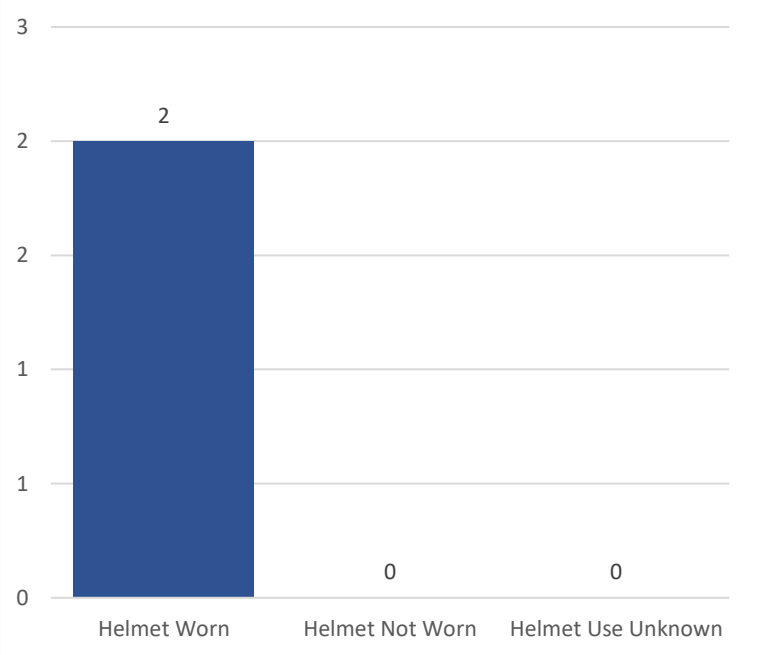
Snowmobile Involved Traffic Crash Statistics for 2020-2024

	2020	2021	2022	2023	2024
Total Snowmobile Involved Traffic Crashes	89	97	95	58	41
Total Snowmobile Involved Fatal Traffic Crashes	2	5	9	2	2
Total Snowmobile Rider Fatalities	2	5	9	2	2

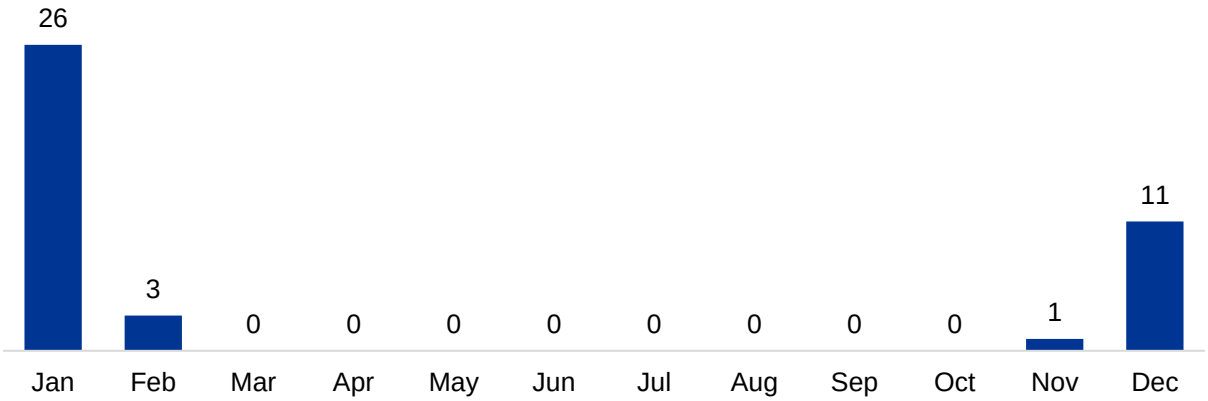
Age and Gender for Snowmobile Rider Fatalities

Age Range	Total	Male	Female	Non-Binary
< 1	0	0	0	0
1-3	0	0	0	0
4-10	0	0	0	0
11-15	0	0	0	0
16-20	0	0	0	0
21-24	0	0	0	0
25-34	0	0	0	0
35-44	1	1	0	0
45-54	1	0	1	0
55-64	0	0	0	0
65-74	0	0	0	0
75-84	0	0	0	0
85-94	0	0	0	0
> 95	0	0	0	0
Not Reported	0	0	0	0
Total:	**2**	**1**	**1**	**0**
Percentage:		**50.00%**	**50.00%**	**0.00%**

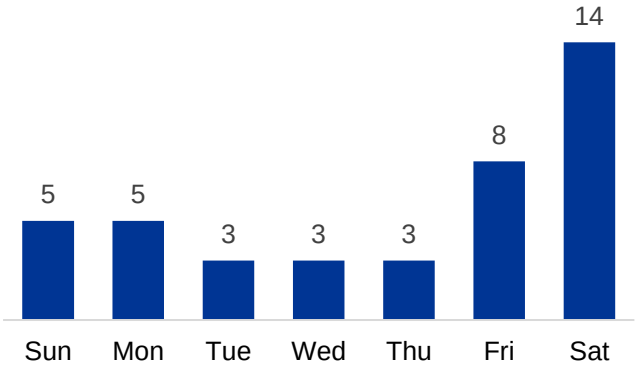
Helmet Use for Snowmobile Rider Fatalities



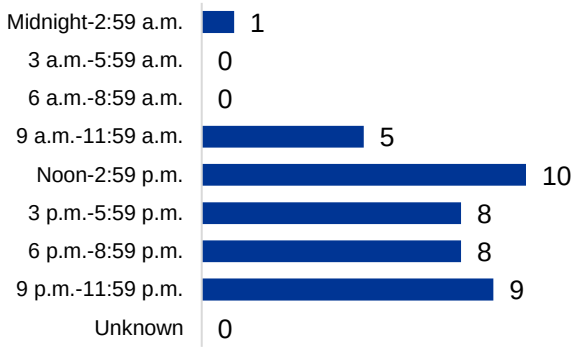
Snowmobile Involved Traffic Crashes by Month



Snowmobile Involved Traffic Crashes by Day of Week



Snowmobile Involved Traffic Crashes by Time of Day



Snowmobile Involved Traffic Crashes by County

County	Total Traffic Crashes	Fatal Traffic Crashes	Fatalities	Injury Traffic Crashes	Injuries	Property Damage Traffic Crashes
Alcona County	1	0	0	0	0	1
Alger County	3	0	0	2	2	1
Allegan County	2	0	0	2	4	0
Antrim County	1	0	0	0	0	1
Berrien County	1	0	0	0	0	1
Cass County	2	0	0	1	1	1
Cheboygan County	1	0	0	1	1	0
Crawford County	1	0	0	0	0	1

County	Total Traffic Crashes	Fatal Traffic Crashes	Fatalities	Injury Traffic Crashes	Injuries	Property Damage Traffic Crashes
Dickinson County	1	1	1	0	1	0
Emmet County	1	0	0	1	1	0
Houghton County	1	0	0	1	1	0
Ionia County	2	0	0	1	1	1
Kalkaska County	1	0	0	1	1	0
Lake County	1	0	0	1	1	0
Luce County	1	0	0	1	1	0
Mackinac County	1	0	0	1	1	0
Manistee County	2	0	0	0	0	2
Marquette County	1	0	0	1	1	0
Mecosta County	1	0	0	0	0	1
Missaukee County	1	0	0	0	0	1
Montcalm County	1	0	0	1	1	0
Montmorency County	2	0	0	2	2	0
Oakland County	1	1	1	0	0	0
Oceana County	1	0	0	0	0	1
Oscoda County	1	0	0	1	1	0
Otsego County	1	0	0	0	0	1
Presque Isle County	1	0	0	1	1	0
Roscommon County	3	0	0	3	3	0
Saginaw County	1	0	0	1	1	0
Van Buren County	1	0	0	0	0	1
Wexford County	2	0	0	1	1	1
Total:	**41**	**2**	**2**	**24**	**27**	**15**

Note: Only counties that reported snowmobile involved traffic crashes in 2024 are listed above. Non-traffic snowmobile involved crashes are not included in this table.

2024 Deer Involved Traffic Crashes

Description: The responding Law Enforcement Official must report if a deer is involved in a traffic crash or is a contributing factor in a traffic crash. This includes a deer making physical contact with the motor vehicle or a driver causing a collision due to avoidance of a deer within the roadway.

2024 Summary:

- Deer involved traffic crashes decreased one percent from 58,806 in 2023 to 58,324 in 2024.
- Deer involved fatalities decreased 26 percent from 19 in 2023 to 14 in 2024.
- 55.79 percent were male, and 44.11 percent were female in deer involved traffic crashes.
- 80.82 percent of deer involved fatalities and injuries were wearing a shoulder and lap belt restraint.
- November had the highest number of deer involved traffic crashes by month with 10,017 total crashes.
- Weekdays had the highest number of deer involved traffic crashes.
- There were 58,324 total deer involved traffic crashes in 2024, and 66,137 total individuals involved in these crashes, indicating that most deer involved crashes involved single occupant vehicles.
- Deer involved traffic crashes occurred most between 6 a.m. and 8:59 a.m. and 6 p.m. and 8:59 p.m.

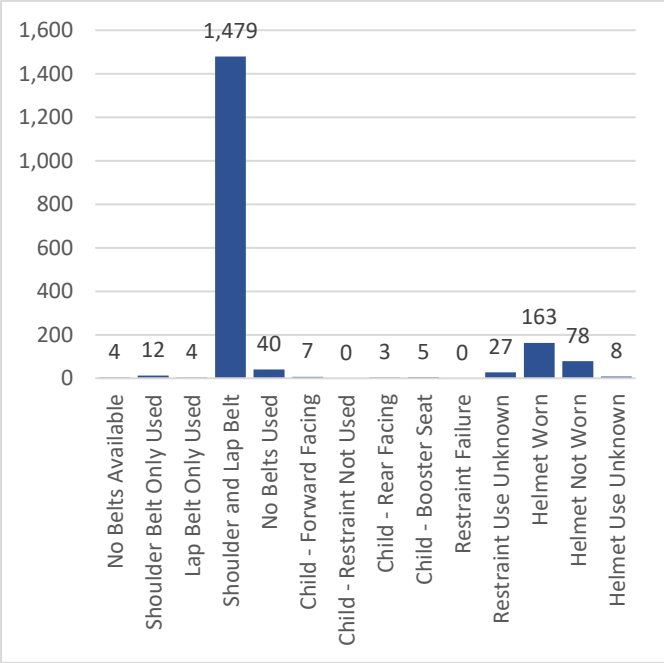
Deer Involved Traffic Crash Statistics for 2020-2024

	2020	2021	2022	2023	2024
Total Deer Involved Traffic Crashes	51,103	52,218	58,984	58,806	58,324
Total Deer Involved Fatal Traffic Crashes	5	10	11	19	14
Total Deer Involved Fatalities	5	10	11	19	14

Age and Gender for Deer Involved Traffic Crashes

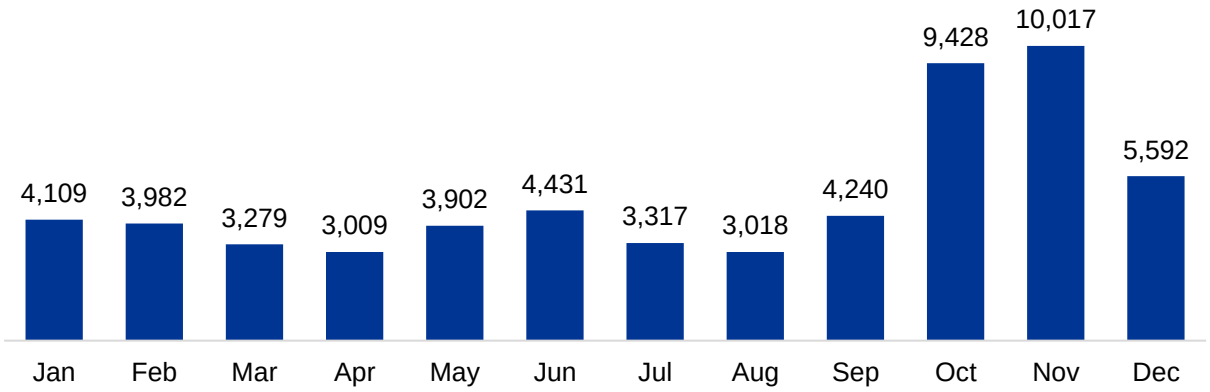
Age Range	Total	Male	Female	Non-Binary	Unknown
< 1	105	47	58	0	0
1-3	370	191	178	0	1
4-10	866	431	435	0	0
11-15	798	378	420	0	0
16-20	4,940	2,825	2,111	2	2
21-24	4,989	2,870	2,112	4	3
25-34	12,070	6,784	5,281	3	2
35-44	11,678	6,278	5,397	2	1
45-54	11,108	6,103	5,004	0	1
55-64	10,342	5,798	4,543	1	0
65-74	6,333	3,698	2,634	1	0
75-84	2,176	1,292	884	0	0
85-94	298	191	107	0	0
> 95	8	2	6	0	0
Not Reported	56	10	4	0	42
Total:	**66,137**	**36,898**	**29,174**	**13**	**52**
Percentage:		**55.79%**	**44.11%**	**0.02%**	**0.08%**

Restraint Use for Deer Involved Fatalities and Injuries

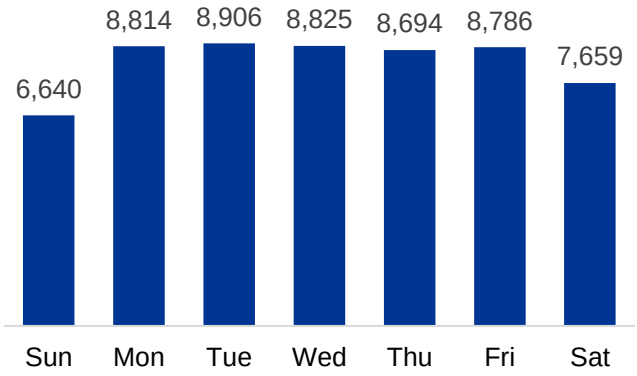


The table and chart above include all party types involved in a deer involved traffic crash (driver, passenger, pedestrian, bicyclist or train engineer).

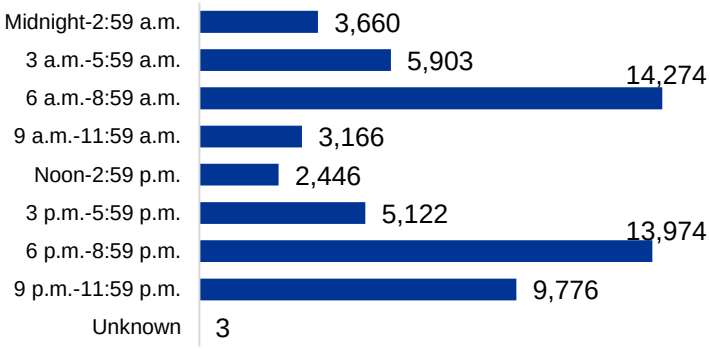
Deer Involved Traffic Crashes by Month



Deer Involved Traffic Crashes by Day of Week



Deer Involved Traffic Crashes by Time of Day



Deer Involved Traffic Crashes by County

County	Total Traffic Crashes	Fatal Traffic Crashes	Fatalities	Injury Traffic Crashes	Injuries	Property Damage Traffic Crashes
Alcona County	409	0	0	9	10	400
Alger County	107	0	0	3	3	104
Allegan County	1,517	1	1	30	36	1,486
Alpena County	266	0	0	9	10	257
Antrim County	570	0	0	7	7	563
Arenac County	453	1	1	16	18	436
Baraga County	151	0	0	2	2	149
Barry County	723	0	0	21	25	702
Bay County	646	0	0	25	28	621

County	Total Traffic Crashes	Fatal Traffic Crashes	Fatalities	Injury Traffic Crashes	Injuries	Property Damage Traffic Crashes
Benzie County	320	0	0	4	4	316
Berrien County	1,137	0	0	43	47	1,094
Branch County	981	1	1	18	18	962
Calhoun County	1,382	0	0	24	27	1,358
Cass County	644	1	1	15	15	628
Charlevoix County	648	0	0	5	6	643
Cheboygan County	633	0	0	18	22	615
Chippewa County	378	0	0	15	18	363
Clare County	498	0	0	14	15	484
Clinton County	1,447	0	0	40	44	1,407
Crawford County	300	0	0	10	13	290
Delta County	489	0	0	7	9	482
Dickinson County	480	0	0	11	12	469
Eaton County	959	0	0	39	49	920
Emmet County	560	0	0	6	6	554
Genesee County	1,510	1	1	53	57	1,456
Gladwin County	488	0	0	9	10	479
Gogebic County	84	0	0	3	3	81
Grand Traverse County	807	0	0	15	17	792
Gratiot County	1,011	0	0	24	27	987
Hillsdale County	1,109	0	0	26	29	1,083
Houghton County	224	0	0	6	7	218
Huron County	1,125	0	0	22	27	1,103
Ingham County	887	0	0	52	61	835
Ionia County	601	0	0	11	12	590
Iosco County	321	0	0	3	3	318
Iron County	255	0	0	5	5	250
Isabella County	1,008	0	0	25	30	983
Jackson County	1,557	0	0	23	25	1,534
Kalamazoo County	612	0	0	32	33	580
Kalkaska County	308	0	0	2	2	306
Kent County	2,097	0	0	84	92	2,013
Keweenaw County	27	0	0	1	1	26
Lake County	184	0	0	3	3	181
Lapeer County	1,426	2	2	51	65	1,373
Leelanau County	466	0	0	6	6	460
Lenawee County	855	0	0	34	38	821
Livingston County	989	0	0	30	33	959
Luce County	74	0	0	2	2	72

County	Total Traffic Crashes	Fatal Traffic Crashes	Fatalities	Injury Traffic Crashes	Injuries	Property Damage Traffic Crashes
Mackinac County	303	1	1	10	12	292
Macomb County	702	0	0	28	28	674
Manistee County	577	1	1	5	8	571
Marquette County	421	0	0	14	14	407
Mason County	648	0	0	17	17	631
Mecosta County	814	0	0	19	21	795
Menominee County	40	0	0	5	7	35
Midland County	1,086	0	0	18	21	1,068
Missaukee County	434	0	0	11	11	423
Monroe County	563	0	0	22	25	541
Montcalm County	765	1	1	16	21	748
Montmorency County	235	0	0	5	5	230
Muskegon County	733	0	0	21	23	712
Newaygo County	710	0	0	19	21	691
Oakland County	2,024	0	0	78	86	1,946
Oceana County	662	0	0	14	15	648
Ogemaw County	508	1	1	13	18	494
Ontonagon County	172	0	0	3	4	169
Osceola County	612	0	0	11	11	601
Oscoda County	143	0	0	3	3	140
Otsego County	323	0	0	5	5	318
Ottawa County	1,433	0	0	38	40	1,395
Presque Isle County	527	0	0	9	13	518
Roscommon County	283	0	0	6	7	277
Saginaw County	1,272	1	1	31	36	1,240
Sanilac County	1,087	0	0	12	14	1,075
Schoolcraft County	213	0	0	1	2	212
Shiawassee County	1,058	1	1	42	47	1,015
St. Clair County	1,032	0	0	32	35	1,000
St. Joseph County	531	0	0	19	21	512
Tuscola County	1,189	0	0	26	28	1,163
Van Buren County	944	1	1	38	43	905
Washtenaw County	1,409	0	0	61	64	1,348
Wayne County	624	0	0	34	42	590
Wexford County	524	0	0	14	16	510
Total:	**58,324**	**14**	**14**	**1,613**	**1,816**	**56,697**

2024 Truck / Bus Involved Traffic Crashes

Description: A Truck / Bus unit is reported on the UD-10 when any of the following are involved in the traffic crash:

- A commercial truck or truck / trailer having a GVWR or GCWR of 10,001 pounds or more, whichever is greater.
- Any vehicle designed or used to transport more than eight passengers including the driver. This can include city buses, school buses, limousines, and courtesy vans.
- Any vehicle displaying or requiring a hazardous material placard, regardless of weight. This can include automobiles, vans, and pick-up trucks.

2024 Summary:

- Truck / Bus involved traffic crashes increased five percent from 15,088 in 2023 to 15,888 in 2024.
- Truck / Bus involved fatalities increased seven percent from 103 in 2023 to 110 in 2024.
- 67.77 percent were male, and 25.97 percent were female in truck / bus involved traffic crashes.
- 78.11 percent of truck / bus involved fatalities and injuries were wearing a shoulder and lap belt restraint.
- January had the highest number of Truck / Bus involved traffic crashes by month with 1,690 total crashes.
- Tuesdays had the highest number of Truck / Bus involved traffic crashes by day of week.
- Truck / Bus involved traffic crashes occurred most between 6 a.m. and 5:59 p.m.

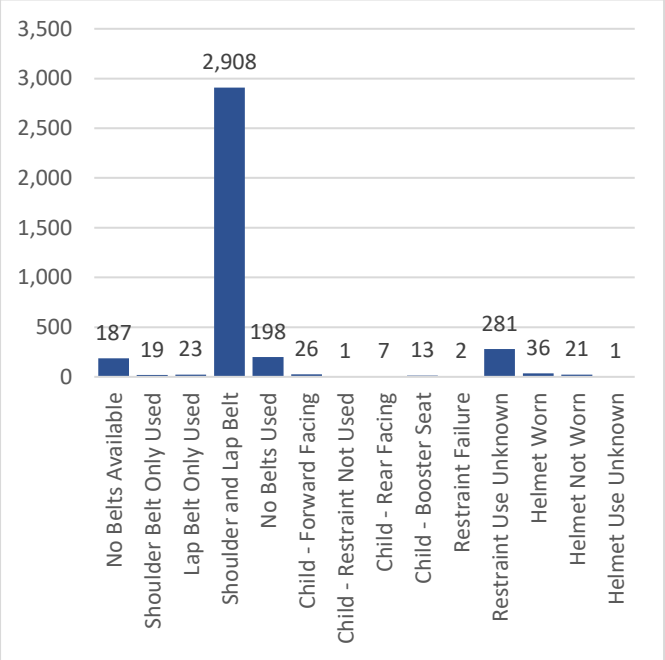
Truck / Bus Involved Traffic Crash Statistics for 2020-2024

	2020	2021	2022	2023	2024
Total Truck / Bus Involved Traffic Crashes	11,344	14,293	15,802	15,088	15,888
Total Truck / Bus Involved Fatal Traffic Crashes	77	93	96	93	98
Total Truck / Bus Involved Fatalities	78	103	105	103	110

Age and Gender for Truck / Bus Involved Crashes

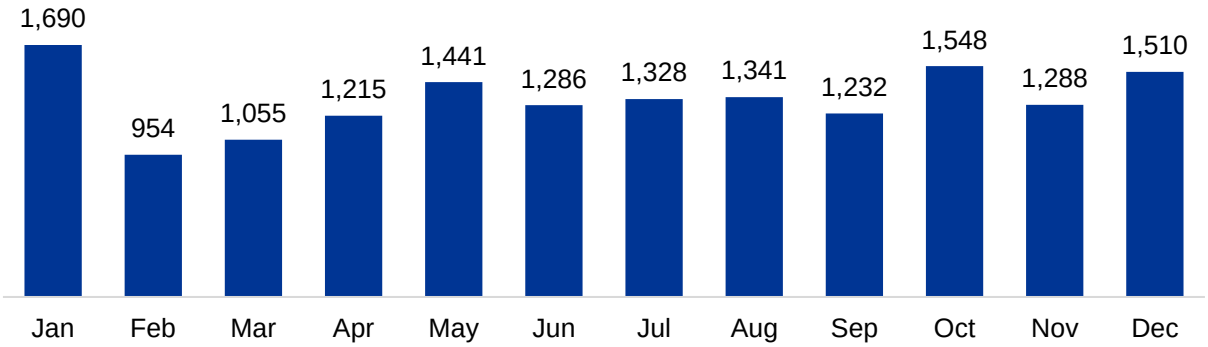
Age Range	Total	Male	Female	Non-Binary	Unknown
< 1	88	40	47	0	1
1-3	163	76	84	0	3
4-10	1,029	543	478	0	8
11-15	739	393	342	1	3
16-20	1,984	1,192	780	3	9
21-24	2,480	1,756	715	1	8
25-34	6,928	5,172	1,751	2	3
35-44	6,118	4,698	1,419	1	0
45-54	5,662	4,358	1,304	0	0
55-64	5,251	4,032	1,219	0	0
65-74	2,505	1,668	837	0	0
75-84	897	540	356	0	1
85-94	179	103	76	0	0
> 95	24	15	9	0	0
Not Reported	2,387	104	45	0	2,238
Total:	**36,434**	**24,690**	**9,462**	**8**	**2,274**
Percentage:		**67.77%**	**25.97%**	**0.02%**	**6.24%**

Restraint Use for Truck / Bus Fatalities and Injuries

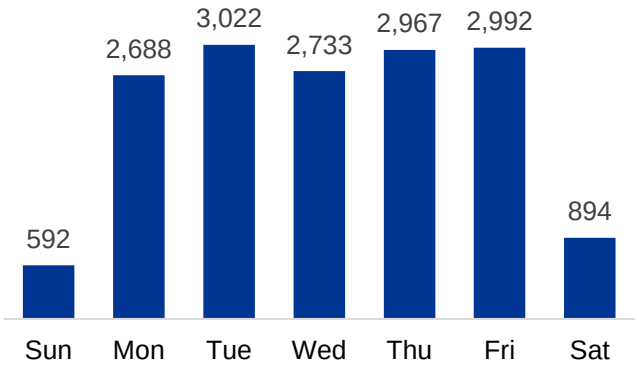


The table and chart above include all party types involved in a Truck / Bus involved traffic crash (driver, passenger, pedestrian, bicyclist or train engineer).

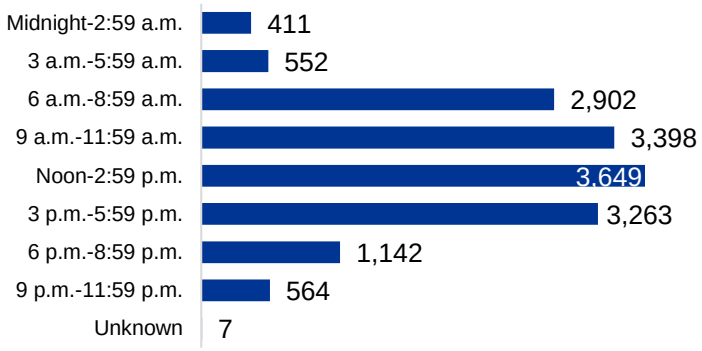
Truck / Bus Involved Traffic Crashes by Month



Truck / Bus Involved Traffic Crashes by Day of Week



Truck / Bus Involved Traffic Crashes by Time of Day



Truck / Bus Involved Traffic Crashes by County

County	Total Traffic Crashes	Fatal Traffic Crashes	Fatalities	Injury Traffic Crashes	Injuries	Property Damage Traffic Crashes
Alcona County	12	1	1	1	3	10
Alger County	11	0	0	1	1	10
Allegan County	262	2	3	38	52	222
Alpena County	27	0	0	5	5	22
Antrim County	30	2	2	2	7	26
Arenac County	21	0	0	3	4	18
Baraga County	8	0	0	0	0	8
Barry County	50	0	0	4	4	46
Bay County	117	1	1	24	29	92

County	Total Traffic Crashes	Fatal Traffic Crashes	Fatalities	Injury Traffic Crashes	Injuries	Property Damage Traffic Crashes
Benzie County	19	1	1	4	4	14
Berrien County	389	2	2	63	75	324
Branch County	47	1	1	4	4	42
Calhoun County	292	1	1	30	42	261
Cass County	46	0	0	7	7	39
Charlevoix County	20	1	1	3	5	16
Cheboygan County	41	0	0	6	6	35
Chippewa County	24	1	1	4	9	19
Clare County	35	1	1	4	6	30
Clinton County	107	2	2	21	32	84
Crawford County	20	0	0	3	6	17
Delta County	40	0	0	6	8	34
Dickinson County	29	1	1	7	10	21
Eaton County	165	4	6	35	48	126
Emmet County	48	1	1	6	6	41
Genesee County	487	4	4	93	133	390
Gladwin County	12	0	0	3	6	9
Gogebic County	12	0	0	5	6	7
Grand Traverse County	162	0	0	23	34	139
Gratiot County	59	0	0	12	15	47
Hillsdale County	44	2	2	6	7	36
Houghton County	26	0	0	2	7	24
Huron County	40	0	0	9	12	31
Ingham County	477	1	4	45	66	431
Ionia County	124	0	0	15	18	109
Iosco County	12	0	0	1	1	11
Iron County	12	0	0	0	0	12
Isabella County	68	1	1	14	20	53
Jackson County	224	3	3	48	64	173
Kalamazoo County	452	2	2	59	96	391
Kalkaska County	31	2	2	4	8	25
Kent County	1,095	4	4	167	229	924
Keweenaw County	1	0	0	1	1	0
Lake County	10	0	0	3	3	7
Lapeer County	112	1	1	18	36	93
Leelanau County	22	0	0	1	1	21
Lenawee County	120	2	2	28	41	90
Livingston County	245	0	0	29	38	216
Luce County	7	0	0	3	5	4

County	Total Traffic Crashes	Fatal Traffic Crashes	Fatalities	Injury Traffic Crashes	Injuries	Property Damage Traffic Crashes
Mackinac County	30	1	1	3	7	26
Macomb County	1,216	5	6	225	315	986
Manistee County	24	0	0	2	2	22
Marquette County	66	0	0	10	16	56
Mason County	26	0	0	7	14	19
Mecosta County	54	0	0	5	6	49
Menominee County	19	0	0	4	5	15
Midland County	94	2	3	13	17	79
Missaukee County	26	0	0	4	4	22
Monroe County	395	4	5	78	107	313
Montcalm County	76	2	2	14	22	60
Montmorency County	7	0	0	3	4	4
Muskegon County	150	3	4	25	33	122
Newaygo County	46	1	1	2	3	43
Oakland County	1,990	4	4	326	455	1,660
Oceana County	33	0	0	6	8	27
Ogemaw County	19	0	0	3	3	16
Ontonagon County	17	1	1	3	3	13
Osceola County	38	1	1	7	8	30
Oscoda County	2	0	0	0	0	2
Otsego County	47	0	0	6	9	41
Ottawa County	427	3	3	73	100	351
Presque Isle County	13	0	0	2	3	11
Roscommon County	20	0	0	2	2	18
Saginaw County	214	1	1	46	61	167
Sanilac County	48	0	0	10	19	38
Schoolcraft County	19	0	0	1	1	18
Shiawassee County	72	1	1	10	13	61
St. Clair County	207	1	1	38	44	168
St. Joseph County	83	1	1	8	9	74
Tuscola County	70	0	0	13	19	57
Van Buren County	161	1	1	30	38	130
Washtenaw County	714	3	3	103	142	608
Wayne County	3,701	18	20	616	879	3,067
Wexford County	50	1	1	16	22	33
Total:	**15,888**	**98**	**110**	**2,584**	**3,613**	**13,206**

2024 School Bus Involved Traffic Crashes

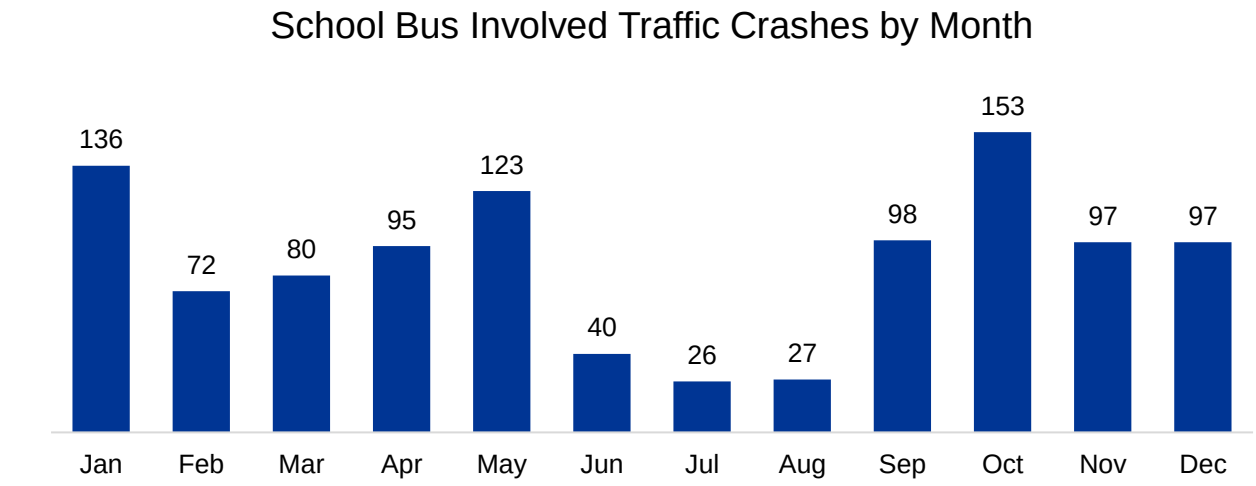
Description: A school bus crash is documented on the UD-10 in situations where a school bus is related to the crash in any way. This includes where the school bus was a contact vehicle or where other units crash due to the presence and influence of a school bus, even though the bus itself was not a contact unit.

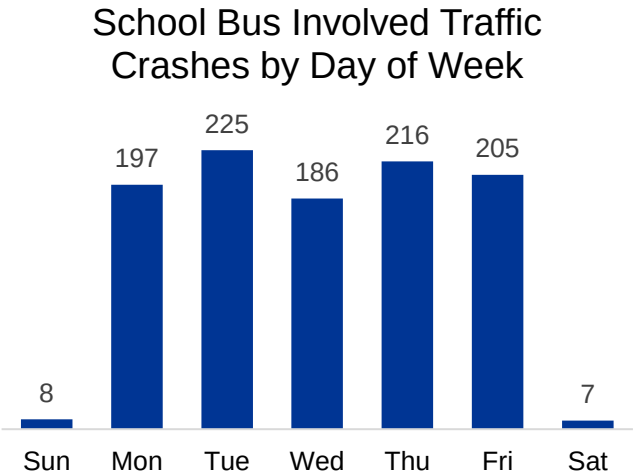
2024 Summary:

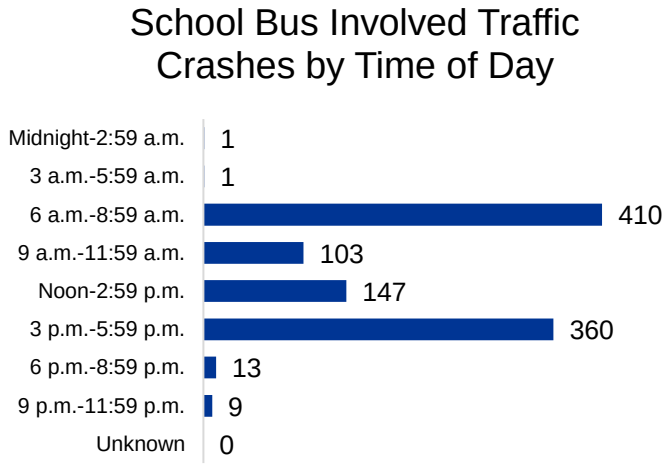
- School bus involved traffic crashes increased six percent from 988 in 2023 to 1,044 in 2024.
- Fatalities involving a school bus decreased by 20 percent from five in 2023 to four in 2024.
- October had the highest number of school bus involved traffic crashes by month with 153 total crashes.
- Tuesdays and Thursdays had the highest number of school bus involved traffic crashes by day of week.
- School bus involved traffic crashes occurred most between 6 a.m. and 8:59 a.m.

School Bus Involved Traffic Crash Statistics for 2020-2024

	2020	2021	2022	2023	2024
Total School Bus Involved Traffic Crashes	461	785	1,041	988	1,044
Total School Bus Involved Fatal Traffic Crashes	0	4	2	5	4
Total School Bus Involved Fatalities	0	4	2	5	4







School Bus Involved Traffic Crashes by County

County	Total Traffic Crashes	Fatal Traffic Crashes	Fatalities	Injury Traffic Crashes	Injuries	Property Damage Traffic Crashes
Alcona County	2	1	1	0	1	1
Allegan County	10	0	0	2	3	8
Alpena County	2	0	0	0	0	2
Antrim County	1	0	0	0	0	1
Arenac County	2	0	0	1	3	1
Barry County	3	0	0	0	0	3
Bay County	6	0	0	1	1	5
Berrien County	11	0	0	3	3	8
Calhoun County	17	0	0	1	1	16
Cass County	7	0	0	1	1	6
Cheboygan County	1	0	0	0	0	1
Chippewa County	2	0	0	0	0	2
Clare County	1	0	0	0	0	1
Clinton County	3	0	0	1	1	2
Delta County	3	0	0	0	0	3
Dickinson County	1	0	0	0	0	1
Eaton County	14	0	0	3	3	11
Emmet County	2	0	0	0	0	2
Genesee County	31	0	0	3	7	28
Gladwin County	2	0	0	0	0	2
Grand Traverse County	13	0	0	3	4	10
Gratiot County	6	0	0	3	4	3
Hillsdale County	3	0	0	1	2	2
Houghton County	6	0	0	1	6	5
Huron County	2	0	0	0	0	2
Ingham County	38	0	0	6	8	32
Ionia County	5	0	0	0	0	5
Iron County	3	0	0	1	2	2
Isabella County	4	0	0	1	1	3
Jackson County	23	0	0	7	21	16
Kalamazoo County	47	0	0	6	13	41
Kalkaska County	1	0	0	0	0	1
Kent County	68	0	0	16	21	52
Lapeer County	10	0	0	2	11	8

County	Total Traffic Crashes	Fatal Traffic Crashes	Fatalities	Injury Traffic Crashes	Injuries	Property Damage Traffic Crashes
Lenawee County	10	0	0	2	3	8
Livingston County	13	0	0	1	1	12
Mackinac County	1	1	1	0	1	0
Macomb County	131	0	0	20	47	111
Manistee County	2	0	0	0	0	2
Marquette County	8	0	0	2	2	6
Mason County	2	0	0	2	3	0
Mecosta County	2	0	0	0	0	2
Menominee County	1	0	0	1	3	0
Midland County	4	0	0	0	0	4
Monroe County	20	0	0	4	6	16
Montcalm County	5	0	0	0	0	5
Muskegon County	17	0	0	0	0	17
Newaygo County	3	0	0	1	2	2
Oakland County	147	1	1	17	39	129
Oceana County	1	0	0	0	0	1
Ogemaw County	2	0	0	1	1	1
Ontonagon County	1	0	0	0	0	1
Osceola County	1	0	0	0	0	1
Oscoda County	2	0	0	1	1	1
Otsego County	1	0	0	0	0	1
Ottawa County	24	0	0	1	1	23
Roscommon County	1	0	0	0	0	1
Saginaw County	18	0	0	3	3	15
Shiawassee County	3	0	0	1	1	2
St. Clair County	18	0	0	3	4	15
St. Joseph County	3	0	0	0	0	3
Tuscola County	1	0	0	1	1	0
Van Buren County	8	0	0	2	4	6
Washtenaw County	34	0	0	5	6	29
Wayne County	208	1	1	23	39	184
Wexford County	2	0	0	1	1	1
Total:	**1,044**	**4**	**4**	**155**	**286**	**885**

Note: Only counties that reported school bus involved traffic crashes in 2024 are listed above.

2024 Train Involved Traffic Crashes

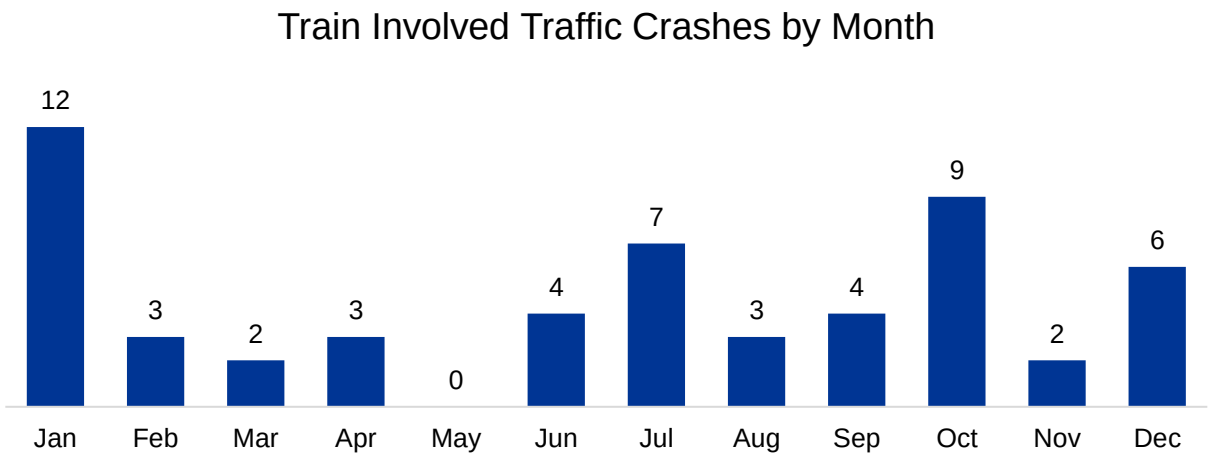
Description: The State of Michigan requires that all traffic crashes involving a train and other motor vehicles be reported on a UD-10. MDOT reported that there are currently 29 common carrier railroads operating either wholly or partially in Michigan.

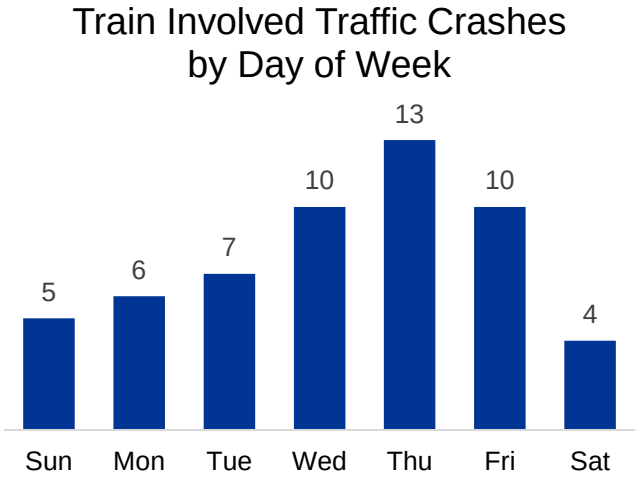
2024 Summary:

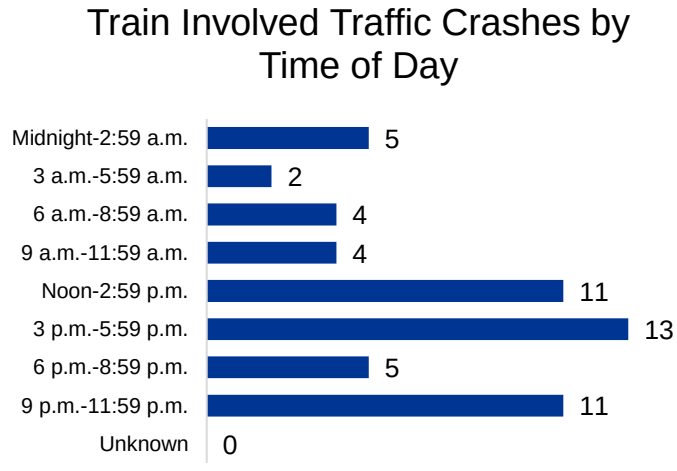
- Train involved traffic crashes decreased 28 percent from 76 in 2023 to 55 in 2024.
- There were 15 traffic crashes involving the Detroit QLINE (streetcar) in 2023, and nine QLINE (streetcar) crashes in 2024.
- Fatalities involving a train remained the same with three in 2023, and three in 2024.
- January had the highest number of train involved traffic crashes by month with 12 total crashes.
- Thursdays had the highest number of train involved traffic crashes by day of week.
- Train involved traffic crashes occurred most between 3 p.m. and 5:59 p.m.

Train Involved Traffic Crash Statistics for 2020-2024

	2020	2021	2022	2023	2024
Total Train Involved Traffic Crashes	35	56	65	76	55
Total Train Involved Fatal Traffic Crashes	0	3	3	3	2
Total Train Involved Fatalities	0	3	4	3	3







Train Involved Traffic Crashes by County

County	Total Traffic Crashes	Fatal Traffic Crashes	Fatalities	Injury Traffic Crashes	Injuries	Property Damage Traffic Crashes
Allegan County	1	0	0	0	0	1
Bay County	3	0	0	1	1	2
Berrien County	1	1	1	0	2	0
Cass County	1	0	0	1	1	0
Delta County	1	0	0	0	0	1
Eaton County	2	0	0	0	0	2
Genesee County	3	0	0	1	2	2
Gratiot County	1	0	0	0	0	1
Ionia County	1	0	0	0	0	1
Isabella County	1	0	0	0	0	1
Jackson County	1	0	0	0	0	1
Kent County	2	0	0	0	0	2
Lapeer County	1	1	2	0	0	0
Mason County	1	0	0	0	0	1
Menominee County	1	0	0	1	1	0
Monroe County	2	0	0	1	1	1
Newaygo County	1	0	0	0	0	1
Oakland County	1	0	0	0	0	1
Osceola County	1	0	0	1	1	0
Otsego County	1	0	0	0	0	1
Ottawa County	1	0	0	0	0	1
Saginaw County	2	0	0	1	2	1
St. Clair County	1	0	0	0	0	1
St. Joseph County	1	0	0	1	1	0
Wayne County	23	0	0	2	2	21
Total:	**55**	**2**	**3**	**10**	**14**	**43**

Note: Only counties that reported train involved traffic crashes in 2024 are listed above.

2024 Work Zone Involved Traffic Crashes

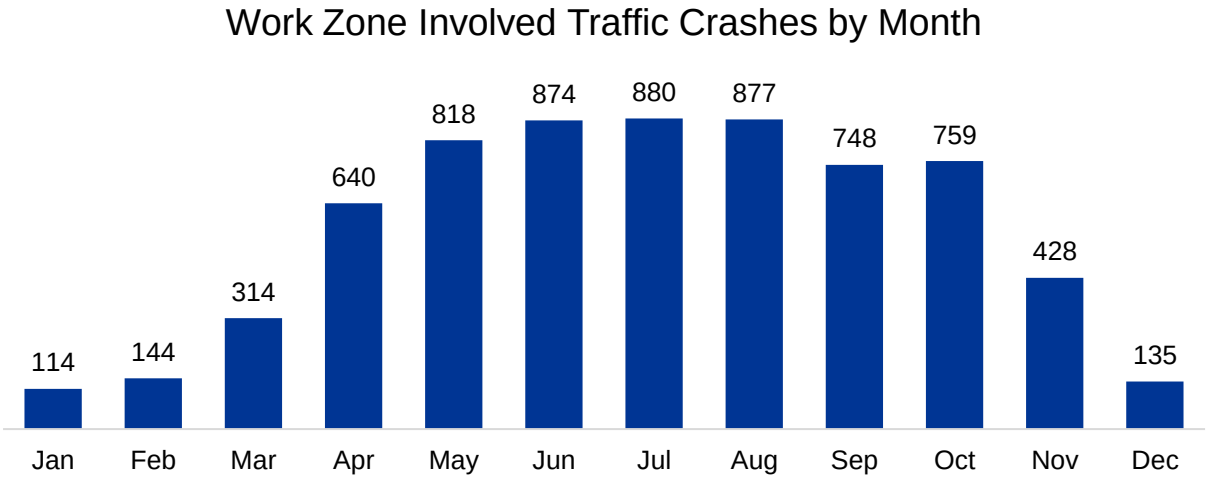
Description: This is used to capture the type of work zone that the traffic crash occurred in, if construction workers were present, the type of activity that was being performed within the work zone such as lane closures, shoulder work, etc., and where, within the work zone, the traffic crash occurred.

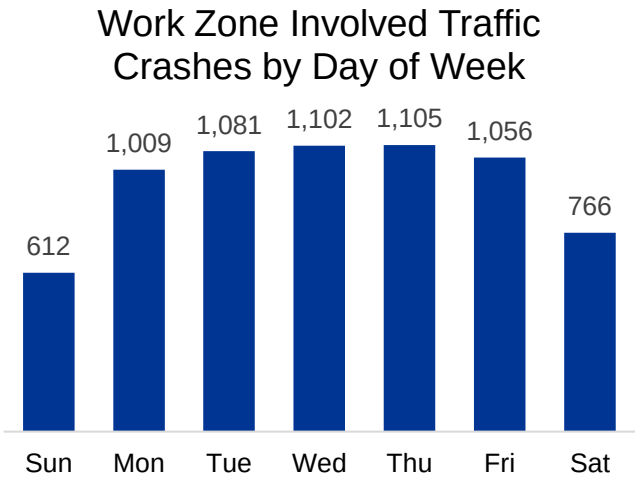
2024 Summary:

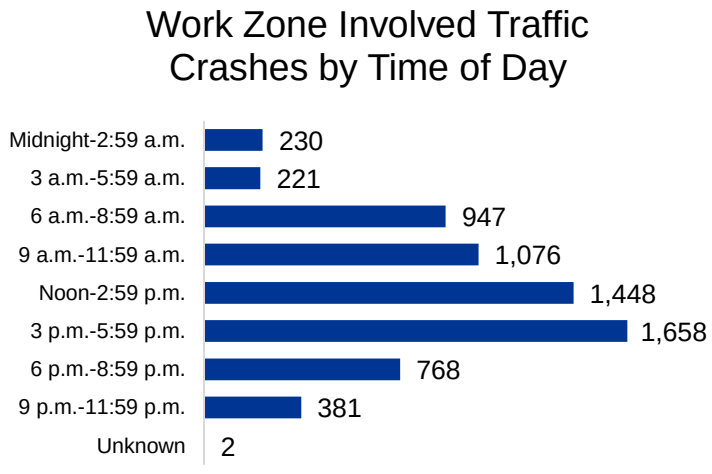
- Work zone involved traffic crashes decreased 16 percent from 8,017 in 2023 to 6,731 in 2024.
- Work zone involved fatalities increased 17 percent from 24 in 2023 to 28 in 2024.
- July had the highest number of work zone involved traffic crashes by month with 880 total crashes.
- Weekdays had the highest number of work zone involved traffic crashes.
- Work zone involved traffic crashes occurred most between 3 p.m. and 5:59 p.m.

Work Zone Involved Traffic Crash Statistics for 2020-2024

	2020	2021	2022	2023	2024
Total Work Zone Involved Traffic Crashes	4,035	5,814	7,436	8,017	6,731
Total Work Zone Involved Fatal Traffic Crashes	11	19	22	21	23
Total Work Zone Involved Fatalities	14	20	23	24	28







Work Zone Involved Traffic Crashes by County

County	Total Traffic Crashes	Fatal Traffic Crashes	Fatalities	Injury Traffic Crashes	Injuries	Property Damage Traffic Crashes
Alcona County	1	0	0	0	0	1
Alger County	1	0	0	1	1	0
Allegan County	48	0	0	6	8	42
Alpena County	2	0	0	0	0	2
Antrim County	2	0	0	0	0	2
Arenac County	3	0	0	1	1	2
Barry County	5	0	0	1	1	4
Bay County	49	0	0	12	16	37
Benzie County	3	0	0	0	0	3
Berrien County	362	0	0	59	87	303
Branch County	1	0	0	0	0	1
Calhoun County	105	0	0	9	10	96
Cass County	9	0	0	4	4	5
Charlevoix County	3	0	0	1	1	2
Cheboygan County	28	0	0	5	5	23
Chippewa County	4	0	0	1	3	3
Clare County	5	0	0	1	1	4
Clinton County	38	1	1	6	10	31
Crawford County	7	0	0	1	1	6
Delta County	5	0	0	1	1	4
Dickinson County	6	1	1	1	1	4
Eaton County	46	1	1	7	16	38
Emmet County	3	0	0	1	1	2
Genesee County	190	0	0	25	31	165
Gogebic County	3	0	0	1	2	2
Grand Traverse County	21	1	1	1	1	19
Gratiot County	53	0	0	9	10	44
Hillsdale County	2	0	0	0	0	2
Houghton County	7	0	0	1	1	6
Huron County	2	0	0	0	0	2
Ingham County	409	2	5	62	94	345
Ionia County	48	0	0	8	11	40
Iosco County	8	0	0	4	6	4
Iron County	1	0	0	1	2	0
Isabella County	52	1	1	3	3	48
Jackson County	113	0	0	26	42	87
Kalamazoo County	157	1	1	30	35	126

County	Total Traffic Crashes	Fatal Traffic Crashes	Fatalities	Injury Traffic Crashes	Injuries	Property Damage Traffic Crashes
Kalkaska County	3	0	0	0	0	3
Kent County	308	0	0	43	61	265
Lake County	1	0	0	0	0	1
Lapeer County	11	0	0	1	1	10
Lenawee County	25	1	1	8	11	16
Livingston County	292	1	1	47	72	244
Luce County	1	0	0	0	0	1
Mackinac County	9	0	0	1	2	8
Macomb County	459	3	4	74	113	382
Manistee County	5	0	0	0	0	5
Marquette County	14	0	0	2	2	12
Mason County	3	0	0	0	0	3
Mecosta County	1	0	0	1	2	0
Menominee County	1	0	0	0	0	1
Midland County	19	0	0	1	2	18
Missaukee County	2	0	0	0	0	2
Monroe County	178	2	2	40	61	136
Montcalm County	2	0	0	0	0	2
Muskegon County	31	0	0	6	6	25
Newaygo County	2	0	0	0	0	2
Oakland County	2,058	5	6	359	490	1,694
Oceana County	8	0	0	3	4	5
Ogemaw County	2	0	0	0	0	2
Ontonagon County	11	0	0	3	5	8
Oscoda County	1	0	0	0	0	1
Otsego County	7	0	0	3	5	4
Ottawa County	59	0	0	8	9	51
Roscommon County	13	0	0	4	6	9
Saginaw County	49	0	0	8	9	41
Sanilac County	6	0	0	0	0	6
Shiawassee County	7	0	0	3	6	4
St. Clair County	13	0	0	2	2	11
St. Joseph County	2	0	0	0	0	2
Tuscola County	5	0	0	0	0	5
Van Buren County	20	0	0	6	9	14
Washtenaw County	166	0	0	19	32	147
Wayne County	1,125	3	3	233	310	889
Wexford County	10	0	0	4	10	6
Total:	**6,731**	**23**	**28**	**1,168**	**1,636**	**5,540**

Note: Only counties that reported work zone involved traffic crashes in 2024 are listed above.

2024 Police–Ambulance–Fire Involved Traffic Crashes

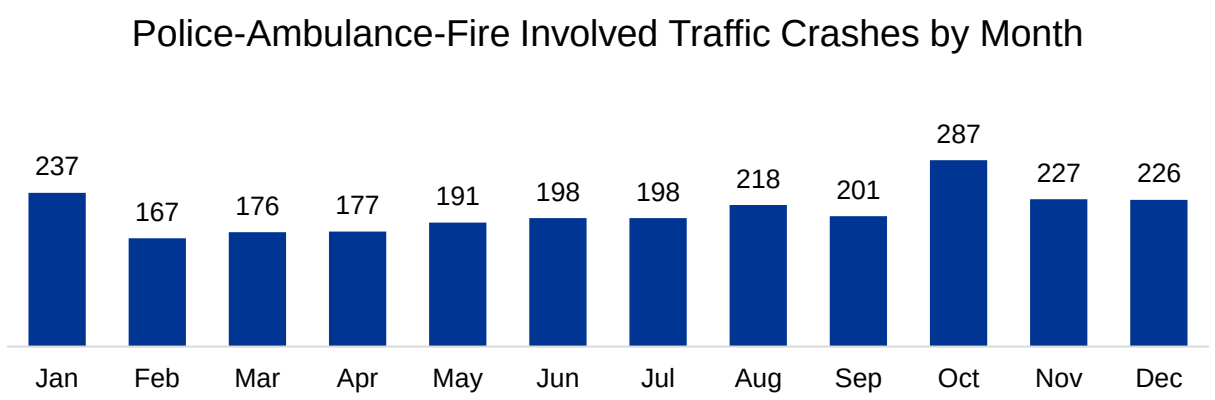
Description: Police, Ambulance, and Fire vehicles are entered as special vehicles on the UD-10. Police is selected if the vehicle is owned by a government law enforcement agency and in all cases where the vehicle is being used for routine patrol, in pursuit of a fleeing vehicle, or responding to an emergency call. Fire is selected only when the vehicle is owned by a fire department (including volunteer fire department) and ambulance is selected when the vehicle is a privately or publicly owned ambulance.

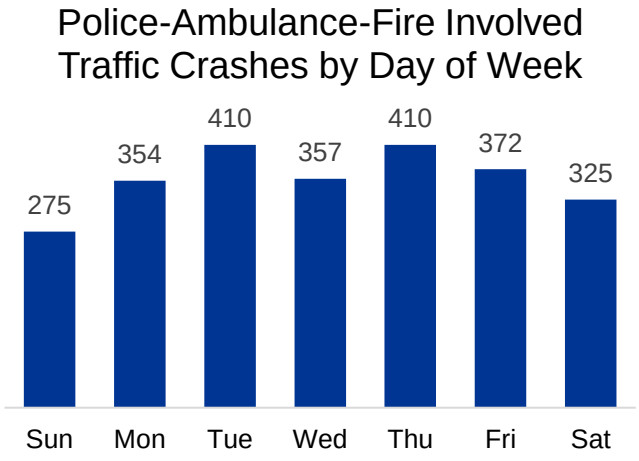
2024 Summary:

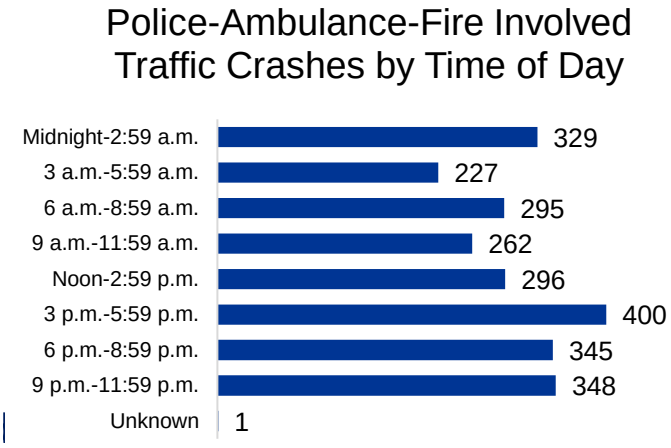
- Police-Ambulance-Fire involved traffic crashes decreased two percent from 2,549 in 2023 to 2,503 in 2024.
- Police-Ambulance-Fire involved fatalities increased 50 percent from four in 2023 to six in 2024.
- October had the highest number of Police-Ambulance-Fire involved traffic crashes by month with 287 crashes.
- Tuesdays and Thursdays had the highest number of Police-Ambulance-Fire involved traffic crashes by day of week.
- Police-Ambulance-Fire involved traffic crashes occurred most between 3 p.m. and 5:59 p.m.

Police – Ambulance – Fire Involved Traffic Crash Statistics for 2020-2024

	2020	2021	2022	2023	2024
Total Police-Ambulance-Fire Involved Traffic Crashes	2,245	2,379	2,515	2,549	2,503
Total Police-Ambulance-Fire Involved Fatal Traffic Crashes	4	2	9	3	4
Total Police-Ambulance-Fire Involved Fatalities	4	2	10	4	6







County	Total Traffic Crashes	Fatal Traffic Crashes	Fatalities	Injury Traffic Crashes	Injuries	Property Damage Traffic Crashes
Alcona County	13	0	0	0	0	13
Alger County	1	0	0	0	0	1
Allegan County	37	0	0	4	5	33
Alpena County	4	0	0	1	1	3
Antrim County	11	0	0	2	2	9
Arenac County	2	0	0	0	0	2
Baraga County	2	0	0	0	0	2
Barry County	13	0	0	0	0	13
Bay County	17	0	0	2	3	15
Benzie County	6	0	0	0	0	6
Berrien County	36	0	0	6	8	30
Branch County	17	0	0	2	2	15
Calhoun County	27	0	0	3	8	24
Cass County	9	0	0	1	2	8
Charlevoix County	8	0	0	0	0	8
Cheboygan County	12	0	0	1	1	11
Chippewa County	11	0	0	1	1	10
Clare County	10	0	0	1	1	9
Clinton County	23	0	0	2	7	21
Crawford County	7	0	0	0	0	7
Delta County	16	0	0	0	0	16
Dickinson County	12	0	0	2	2	10
Eaton County	23	0	0	4	4	19
Emmet County	11	0	0	0	0	11
Genesee County	108	0	0	31	53	77
Gladwin County	4	0	0	0	0	4
Gogebic County	5	0	0	2	3	3
Grand Traverse County	26	0	0	3	6	23
Gratiot County	16	1	1	1	1	14
Hillsdale County	16	0	0	0	0	16
Houghton County	3	0	0	1	2	2
Huron County	14	0	0	1	2	13
Ingham County	67	0	0	9	15	58
Ionia County	15	0	0	2	3	13
Iosco County	9	0	0	0	0	9
Iron County	5	0	0	0	0	5
Isabella County	8	0	0	1	1	7

County	Total Traffic Crashes	Fatal Traffic Crashes	Fatalities	Injury Traffic Crashes	Injuries	Property Damage Traffic Crashes
Jackson County	34	0	0	5	9	29
Kalamazoo County	83	0	0	14	19	69
Kalkaska County	8	0	0	3	6	5
Kent County	148	0	0	23	43	125
Lake County	4	0	0	0	0	4
Lapeer County	23	0	0	3	5	20
Leelanau County	9	0	0	1	1	8
Lenawee County	19	0	0	4	7	15
Livingston County	30	0	0	2	4	28
Luce County	2	0	0	1	1	1
Mackinac County	7	0	0	0	0	7
Macomb County	125	1	2	18	27	106
Manistee County	8	0	0	1	1	7
Marquette County	12	0	0	1	1	11
Mason County	9	0	0	1	2	8
Mecosta County	12	0	0	1	1	11
Menominee County	3	0	0	0	0	3
Midland County	25	0	0	2	3	23
Missaukee County	14	0	0	1	1	13
Monroe County	35	0	0	5	6	30
Montcalm County	34	0	0	1	1	33
Montmorency County	3	0	0	1	1	2
Muskegon County	29	0	0	6	10	23
Newaygo County	12	0	0	1	1	11
Oakland County	277	0	0	49	73	228
Oceana County	15	0	0	0	0	15
Ogemaw County	14	0	0	0	0	14
Ontonagon County	3	0	0	0	0	3
Osceola County	9	0	0	0	0	9
Oscoda County	3	0	0	0	0	3
Otsego County	9	0	0	2	3	7
Ottawa County	53	0	0	9	11	44
Presque Isle County	8	0	0	0	0	8
Roscommon County	8	0	0	0	0	8
Saginaw County	50	1	1	8	13	41
Sanilac County	10	0	0	0	0	10
Schoolcraft County	4	0	0	0	0	4

County	Total Traffic Crashes	Fatal Traffic Crashes	Fatalities	Injury Traffic Crashes	Injuries	Property Damage Traffic Crashes
Shiawassee County	11	0	0	0	0	11
St. Clair County	36	0	0	4	6	32
St. Joseph County	12	0	0	1	1	11
Tuscola County	16	0	0	2	3	14
Van Buren County	14	0	0	1	1	13
Washtenaw County	90	0	0	13	27	77
Wayne County	540	1	2	123	224	416
Wexford County	9	0	0	0	0	9
Total:	**2,503**	**4**	**6**	**390**	**645**	**2,109**

Note: Only counties that reported police-ambulance-fire involved traffic crashes in 2024 are listed above.

2024 Fleeing Police Involved Traffic Crashes

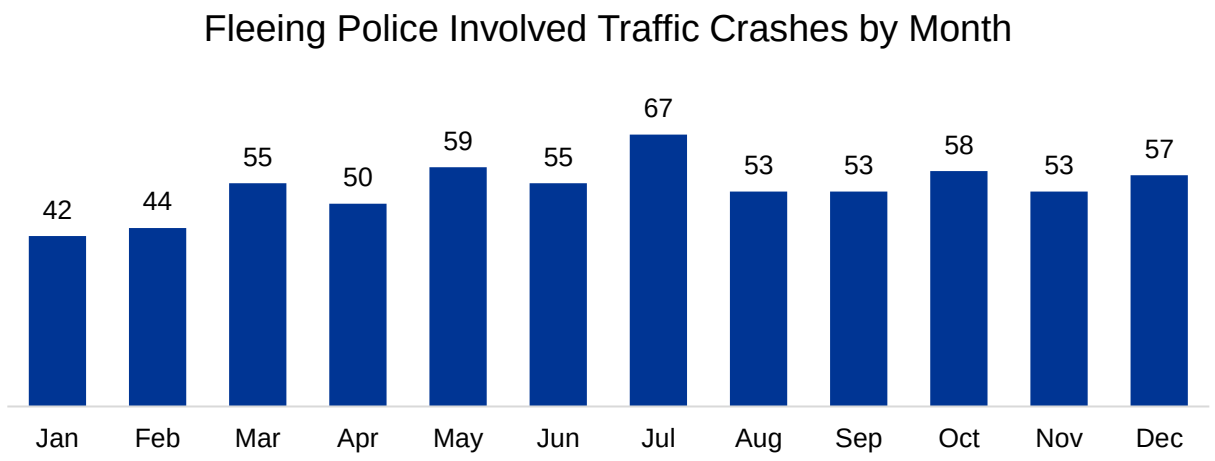
Description: If a police pursuit situation causes a traffic crash, it is documented on the UD-10 as fleeing the police. Examples of fleeing that are documented on the UD-10 are a patrol car colliding with the vehicle it is pursuing, the pursued vehicle colliding with another vehicle, the pursued vehicle causing two vehicles unrelated to the pursuit to collide, etc.

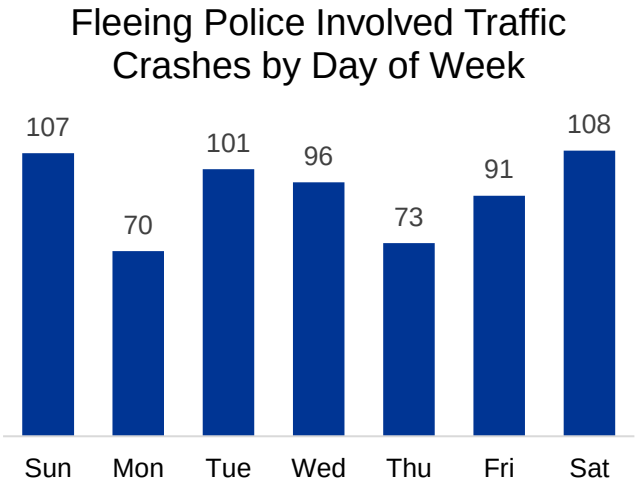
2024 Summary:

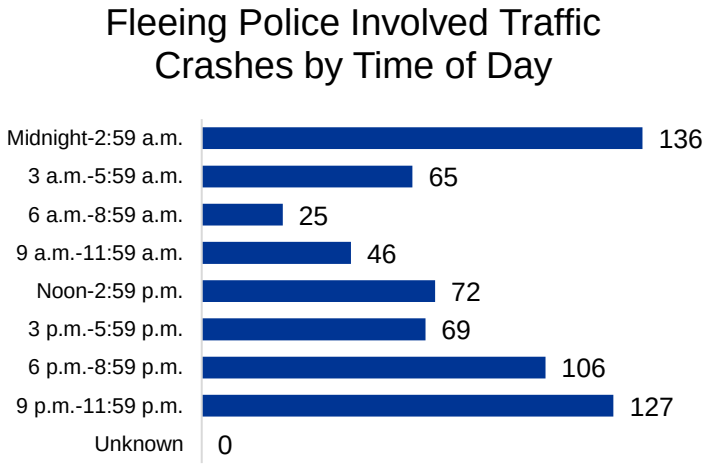
- Fleeing police involved traffic crashes decreased 15 percent from 764 in 2023 to 646 in 2024.
- Fleeing police involved fatalities increased 18 percent from 22 in 2023 to 26 in 2024.
- July had the highest number of fleeing police involved traffic crashes by month with 67 total crashes.
- Saturdays and Sundays had the highest number of fleeing police involved traffic crashes.
- Fleeing police involved traffic crashes occurred most between 9 p.m. and 2:59 a.m.

Fleeing Police Involved Traffic Crash Statistics for 2020-2024

	2020	2021	2022	2023	2024
Total Fleeing Police Involved Traffic Crashes	682	808	742	764	646
Total Fleeing Police Involved Fatal Traffic Crashes	15	9	21	21	21
Total Fleeing Police Involved Fatalities	15	9	24	22	26







Fleeing Police Involved Traffic Crashes by County

County	Total Traffic Crashes	Fatal Traffic Crashes	Fatalities	Injury Traffic Crashes	Injuries	Property Damage Traffic Crashes
Allegan County	11	0	0	5	5	6
Antrim County	1	0	0	0	0	1
Barry County	5	1	1	1	1	3
Bay County	5	0	0	0	0	5
Benzie County	2	0	0	1	1	1
Berrien County	19	0	0	9	14	10
Branch County	7	0	0	3	4	4
Calhoun County	5	1	2	2	2	2
Cass County	8	0	0	5	7	3
Charlevoix County	2	0	0	0	0	2
Cheboygan County	4	0	0	2	2	2
Chippewa County	1	0	0	0	0	1
Clare County	2	0	0	1	1	1
Clinton County	8	0	0	3	3	5
Crawford County	1	0	0	1	2	0
Delta County	1	0	0	1	1	0
Dickinson County	2	0	0	1	1	1
Eaton County	5	0	0	3	5	2
Emmet County	1	0	0	0	0	1
Genesee County	29	2	2	17	35	10
Gladwin County	2	0	0	2	4	0
Gogebic County	3	0	0	1	1	2
Grand Traverse County	9	0	0	4	8	5
Gratiot County	4	1	1	1	1	2
Hillsdale County	3	0	0	1	1	2
Huron County	1	0	0	0	0	1
Ingham County	25	0	0	8	15	17
Ionia County	3	1	1	1	4	1
Iosco County	1	0	0	1	1	0
Isabella County	3	0	0	1	1	2
Jackson County	8	0	0	4	5	4
Kalamazoo County	14	0	0	4	4	10
Kent County	37	1	1	14	20	22
Lake County	1	0	0	0	0	1
Lapeer County	3	0	0	1	1	2
Leelanau County	1	0	0	1	1	0

County	Total Traffic Crashes	Fatal Traffic Crashes	Fatalities	Injury Traffic Crashes	Injuries	Property Damage Traffic Crashes
Lenawee County	6	0	0	3	6	3
Livingston County	4	0	0	4	7	0
Luce County	1	0	0	1	1	0
Mackinac County	2	1	1	0	0	1
Macomb County	44	0	0	16	21	28
Manistee County	2	0	0	2	2	0
Marquette County	3	0	0	0	0	3
Mason County	1	0	0	1	1	0
Mecosta County	3	0	0	0	0	3
Menominee County	1	0	0	1	1	0
Midland County	3	0	0	1	3	2
Missaukee County	2	0	0	2	2	0
Monroe County	10	0	0	1	1	9
Montcalm County	1	0	0	0	0	1
Muskegon County	10	0	0	2	3	8
Newaygo County	5	1	1	2	2	2
Oakland County	63	5	6	17	39	41
Oceana County	4	0	0	1	1	3
Ogemaw County	1	0	0	0	0	1
Oscoda County	1	0	0	0	0	1
Otsego County	2	0	0	0	0	2
Ottawa County	20	1	2	5	9	14
Saginaw County	15	0	0	9	13	6
Shiawassee County	2	0	0	2	2	0
St. Clair County	3	0	0	2	3	1
St. Joseph County	4	1	2	1	2	2
Tuscola County	4	0	0	2	2	2
Van Buren County	5	1	1	1	4	3
Washtenaw County	25	1	1	8	14	16
Wayne County	162	3	4	52	95	107
Total:	**646**	**21**	**26**	**235**	**385**	**390**

Note: Only counties that reported fleeing police involved traffic crashes in 2024 are listed above.

2024 Farm Equipment Involved Traffic Crashes

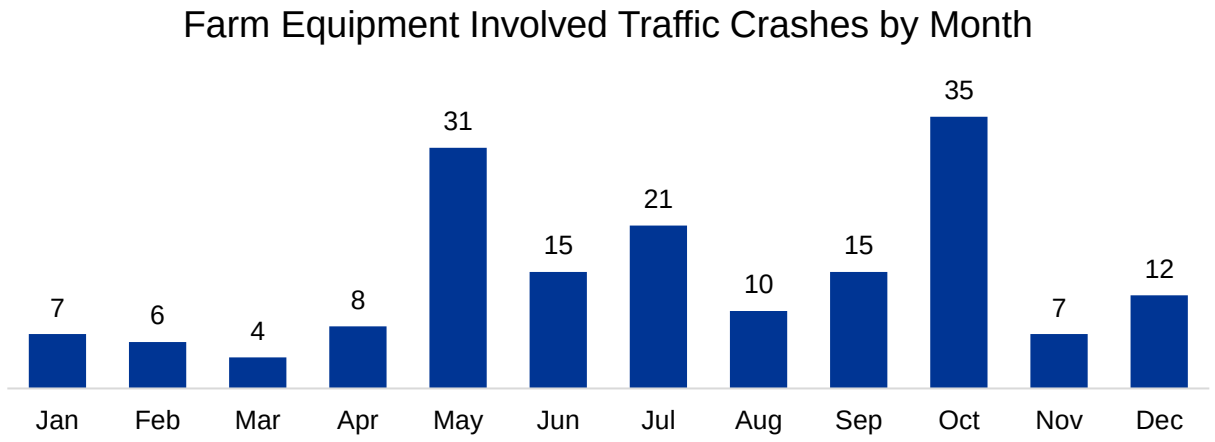
Description: Farm Equipment is considered a special vehicle when involved in a traffic crash and documented on the UD-10. Farm Equipment is selected if the vehicle is an implement of husbandry that cannot be registered with the Secretary of State (i.e., farm tractors and combines). Implement of husbandry includes a farm tractor, self-propelled application-type vehicle, farm wagon, farm trailer, a vehicle or trailer adapted for lifting or carrying another implement of husbandry, or any substantially similar equipment used to transport products necessary for agriculture production.

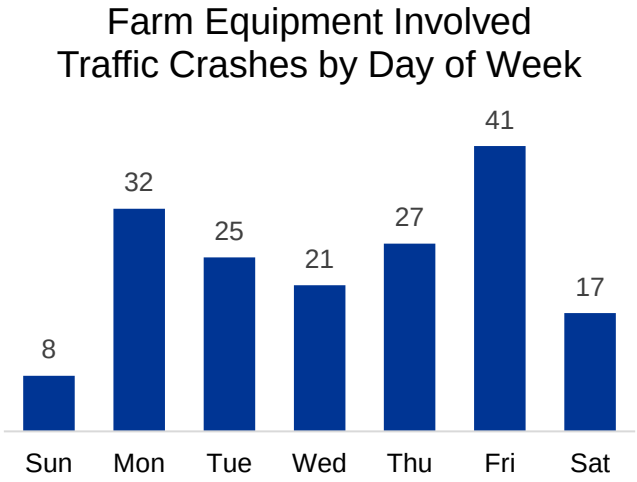
2024 Summary:

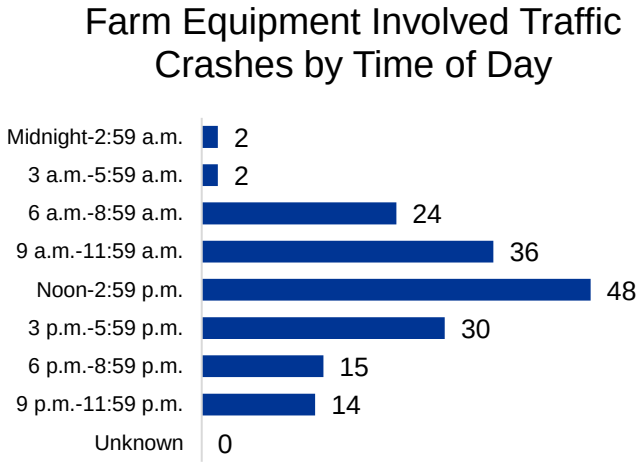
- Farm equipment involved traffic crashes decreased 12 percent from 195 in 2023 to 171 in 2024.
- Farm equipment involved fatalities decreased 33 percent from three in 2023 to two in 2024.
- October had the highest number of farm equipment involved traffic crashes by month with 35 total crashes.
- Fridays had the highest number of farm equipment involved traffic crashes by day of week.
- Farm equipment involved traffic crashes occurred most between noon and 2:59 p.m.

Farm Equipment Involved Traffic Crash Statistics for 2020-2024

	2020	2021	2022	2023	2024
Total Farm Equipment Involved Traffic Crashes	181	195	214	195	171
Total Farm Equipment Involved Fatal Traffic Crashes	5	5	4	3	2
Total Farm Equipment Involved Fatalities	5	5	4	3	2







Farm Equipment Involved Traffic Crashes by County

County	Total Traffic Crashes	Fatal Traffic Crashes	Fatalities	Injury Traffic Crashes	Injuries	Property Damage Traffic Crashes
Alcona County	2	0	0	0	0	2
Allegan County	12	0	0	4	13	8
Antrim County	1	0	0	0	0	1
Barry County	2	0	0	1	1	1
Bay County	2	0	0	0	0	2
Berrien County	5	1	1	1	2	3
Calhoun County	3	0	0	0	0	3
Cass County	6	1	1	0	0	5
Charlevoix County	1	0	0	0	0	1
Clinton County	4	0	0	1	1	3
Delta County	1	0	0	1	1	0
Eaton County	3	0	0	1	2	2
Genesee County	5	0	0	0	0	5
Grand Traverse County	1	0	0	0	0	1
Gratiot County	3	0	0	0	0	3
Hillsdale County	3	0	0	0	0	3
Huron County	2	0	0	1	1	1
Ingham County	6	0	0	1	1	5
Ionia County	4	0	0	0	0	4
Iron County	1	0	0	0	0	1
Isabella County	5	0	0	2	2	3
Jackson County	4	0	0	3	4	1
Kalamazoo County	4	0	0	0	0	4
Kalkaska County	1	0	0	0	0	1
Kent County	5	0	0	0	0	5
Lake County	2	0	0	1	1	1
Lenawee County	3	0	0	1	1	2
Livingston County	3	0	0	0	0	3
Macomb County	5	0	0	0	0	5
Mason County	1	0	0	0	0	1
Mecosta County	2	0	0	0	0	2
Menominee County	1	0	0	1	1	0
Midland County	3	0	0	1	2	2
Missaukee County	4	0	0	2	2	2

County	Total Traffic Crashes	Fatal Traffic Crashes	Fatalities	Injury Traffic Crashes	Injuries	Property Damage Traffic Crashes
Monroe County	6	0	0	3	4	3
Montcalm County	2	0	0	0	0	2
Muskegon County	3	0	0	1	2	2
Newaygo County	3	0	0	1	1	2
Oakland County	1	0	0	1	2	0
Oceana County	4	0	0	2	4	2
Ogemaw County	6	0	0	1	1	5
Osceola County	1	0	0	0	0	1
Ottawa County	6	0	0	1	1	5
Saginaw County	2	0	0	0	0	2
Sanilac County	10	0	0	4	4	6
Shiawassee County	4	0	0	0	0	4
St. Clair County	2	0	0	0	0	2
St. Joseph County	2	0	0	0	0	2
Tuscola County	5	0	0	2	2	3
Van Buren County	1	0	0	0	0	1
Washtenaw County	1	0	0	0	0	1
Wayne County	2	0	0	1	2	1
Total:	**171**	**2**	**2**	**39**	**58**	**130**

Note: Only counties that reported farm equipment involved traffic crashes in 2024 are listed above.

Section 4:
Michigan Traffic Crash Decade – At – A Glance

MICHIGAN STATE POLICE
CRIMINAL JUSTICE INFORMATION CENTER

TCRU TRAFFIC CRASH REPORTING UNIT

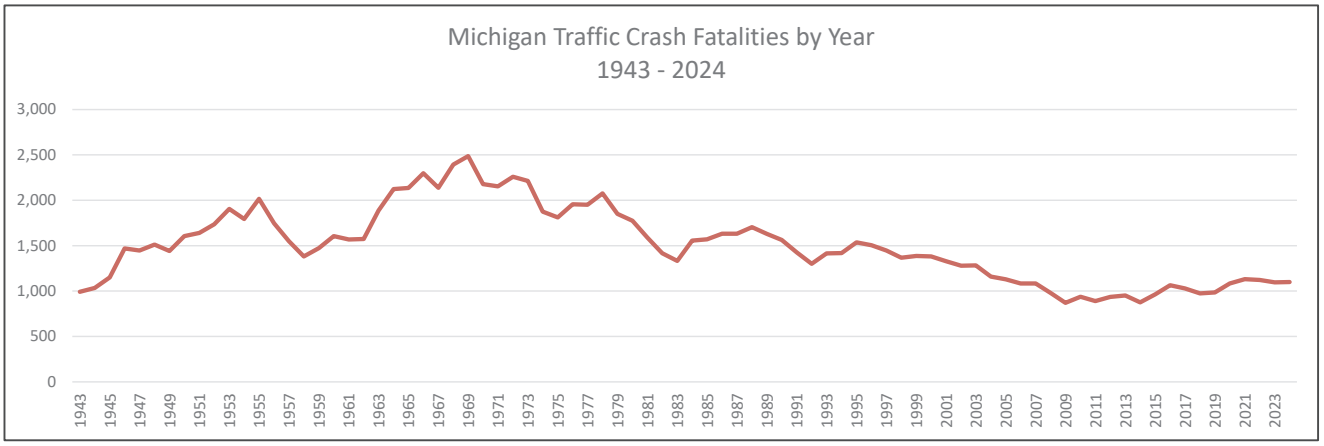
MICHIGAN TRAFFIC CRASH DECADE AT-A-GLANCE

	2024	*2023*	*2022*	*2021*	*2020*	*2019*	*2018*	*2017*	*2016*	*2015*
Total Crashes	288,880	287,953	293,341	282,640	245,432	314,377	312,798	314,921	312,172	297,023
Total Injuries	71,316	71,085	70,281	71,246	60,986	74,963	75,838	78,394	79,724	74,157
Total A Injuries	5,781	5,816	5,782	5,979	5,433	5,629	5,586	6,084	5,634	4,865
Total Fatalities	1,099	1,095	1,123	1,131	1,083	985	974	1,028	1,064	963
Fatal Crashes	1,012	1,021	1,053	1,068	1,010	902	905	937	980	893
Fatality Rate per 100m VMT**		1.1	1.2	1.2	1.3	1.0	1.0	1.0	1.1	1.0
Fatal Crash Rate per 100m VMT**		1.0	1.1	1.1	1.2	0.9	0.9	0.9	1.0	0.9
Fatality Restraint Use*	50.1%	49.7%	47.8%	45.3%	43.2%	51.7%	54.7%	53.0%	52.3%	52.5%
Alcohol and/or Drug Involved Fatal Crashes*	406	404	420	475	422	378	394	421	378	346
% of Alcohol and/or Drug Involved Fatal Crashes to Total Fatal Crashes	40.1%	39.6%	39.9%	44.5%	41.8%	41.9%	43.5%	44.9%	38.6%	38.7%
Alcohol/Drug Involved Fatalities*	447	445	454	505	453	419	434	470	412	384
% of Alcohol/Drug Involved Fatalities to Total Fatalities	40.7%	40.6%	40.4%	44.7%	41.8%	42.5%	44.6%	45.7%	38.7%	39.9%
Alcohol Involved Fatal Crashes	276	272	301	336	303	266	287	320	251	271
Alcohol Involved Fatalities	307	297	322	357	326	295	315	359	271	303
Drug Involved Fatal Crashes	246	230	229	259	250	214	220	221	213	159
Drug Involved Fatalities	272	256	249	275	267	237	247	246	236	179
OUIL Arrests *(all agencies)****	25,318	26,408	26,707	27,506	25,820	30,626	31,856	32,474	32,610	33,720
Registered Vehicles *(Millions)*****	9.59	9.79	9.39	9.54	9.00	9.10	8.43	8.48	8.38	8.26
MVM *(Billions)***		98.3	96.7	96.7	86.3	102.1	102.3	101.7	99	98.1
Population *(Millions)******	10.05	10.03	10.12	10.05	9.99	9.99	9.99	9.96	9.93	9.92

Sources:
*Michigan Fatality Analysis Reporting System (MFARS) database. Fatality restraint use by deceased occupants of motor vehicles equipped with safety belts.
**Michigan Department of Transportation (MDOT). 2024 motor vehicle miles traveled (VMT) will be updated after it is published later in the summer of 2025.
***Breathalyzer Database and total arrests match the Michigan Annual Drunk Driving Audit
****Michigan Department of State (MDOS) Registration, Driver License, and Title Transaction History
*****United States Census - Michigan Population by County

MICHIGAN TRAFFIC CRASH FATALITIES BY YEAR

Year	Crashes	Fatalities	Crashes Per Fatal
1943	71,450	992	72
1944	72,013	1,034	70
1945	83,160	1,150	72
1946	110,631	1,470	75
1947	137,619	1,447	95
1948	140,172	1,512	93
1949	143,197	1,441	99
1950	161,750	1,605	101
1951	176,587	1,640	108
1952	160,829	1,736	93
1953	184,174	1,905	97
1954	185,534	1,793	103
1955	196,812	2,016	98
1956	197,995	1,746	113
1957	191,915	1,548	124
1958	177,934	1,382	129
1959	198,771	1,473	135
1960	209,724	1,604	131
1961	199,973	1,567	128
1962	233,078	1,574	148
1963	261,794	1,887	139
1964	284,444	2,122	134
1965	310,598	2,136	145
1966	302,880	2,298	132
1967	299,004	2,137	140
1968	305,495	2,392	128
1969	331,223	2,487	133
1970	313,715	2,177	144
1971	314,015	2,152	146
1972	359,745	2,258	159
1973	350,864	2,213	159
1974	324,763	1,875	173
1975	333,560	1,811	184
1976	365,600	1,955	187
1977	374,751	1,950	192
1978	389,193	2,076	187
1979	366,435	1,849	198
1980	314,594	1,774	177
1981	302,831	1,589	191
1982	294,971	1,417	208
1983	300,797	1,331	226
1984	335,193	1,556	215
1985	386,904	1,569	247
1986	400,694	1,632	246
1987	397,224	1,632	243
1988	410,437	1,704	241
1989	417,252	1,630	256
1990	387,180	1,563	248
1991	364,847	1,425	256
1992	344,942	1,300	265
1993	363,639	1,414	257
1994	398,080	1,419	281
1995	421,073	1,537	274
1996	435,477	1,505	289
1997	425,793	1,446	294
1998	403,766	1,367	295
1999	415,675	1,386	300
2000	424,867	1,382	307
2001	400,813	1,328	302
2002	395,515	1,279	309
2003	391,486	1,283	305
2004	373,028	1,159	322
2005	350,838	1,129	311
2006	315,322	1,084	291
2007	324,174	1,084	299
2008	316,057	980	323
2009	290,978	871	334
2010	282,075	937	301
2011	284,049	889	320
2012	273,891	936	293
2013	289,061	951	304
2014	298,699	876	341
2015	297,023	963	308
2016	312,172	1,064	293
2017	314,921	1,028	306
2018	312,798	974	321
2019	314,377	985	319
2020	245,432	1,083	227
2021	282,640	1,131	250
2022	293,341	1,123	261
2023	287,953	1,095	263
2024	288,880	1,099	263



Section 4:
Michigan Holiday Traffic Crash Fatalities

MICHIGAN STATE POLICE
CRIMINAL JUSTICE INFORMATION CENTER

TCRU TRAFFIC CRASH REPORTING UNIT

2024 MICHIGAN HOLIDAY TRAFFIC FATALITIES

Prepared by:
Traffic Crash Reporting Unit

	Memorial Day		July 4th		Labor Day		Thanksgiving		Christmas		New Year's*	
Year	*Days*	*Fatalities*	*Days*	*Fatalities*	*Days*	*Fatalities*	*Days*	*Fatalities*	*Days*	*Fatalities*	*Days*	*Fatalities*
1972	3	20	4	48	3	33	4	28	3	26	3	23
1973	3	26	1	13	3	28	4	18	4	13	4	24
1974	3	20	4	34	3	25	4	26	1	9	1	3
1975	3	28	3	27	3	25	4	16	4	17	4	22
1976	3	34	3	19	3	31	4	29	3	17	3	13
1977	3	32	3	34	3	18	4	32	3	14	3	15
1978	3	25	4	23	3	31	4	29	3	31	3	7
1979	3	17	1	12	3	31	4	27	4	29	4	27
1980	3	23	3	25	3	26	4	32	4	23	4	21
1981	3	12	3	22	3	17	4	13	3	15	3	17
1982	3	9	3	30	3	21	4	27	3	19	3	10
1983	3	13	3	22	3	17	4	12	3	5	3	8
1984	3	18	1	8	3	19	4	19	4	20	4	25
1985	3	23	4	17	3	17	4	23	2	9	2	5
1986	3	16	3	23	3	21	4	17	2	9	2	8
1987	3	16	3	18	3	32	4	26	4	8	4	18
1988	3	22	3	20	3	17	4	24	3	14	3	14
1989	3	15	4	23	3	29	4	14	3	27	3	3
1990	3	16	1	10	3	16	4	19	4	18	4	15
1991	3	20	4	20	3	23	4	16	2	6	2	7
1992	3	18	3	20	3	20	4	19	4	20	4	22
1993	3	23	3	14	3	7	4	29	3	9	3	19
1994	3	13	3	19	3	10	4	21	3	23	3	16
1995	3	12	4	19	3	30	4	12	3	16	3	14
1996	3	11	4	27	3	27	4	23	1	6	1	5
1997	3	16	3	16	3	19	4	20	4	13	4	21
1998	3	21	3	16	3	22	4	22	3	8	3	12
1999	3	17	3	15	3	21	4	22	3	16	3	22
2000	3	18	4	21	3	27	4	12	3	11	3	13
2001	3	18	1	10	3	21	4	12	4	10	4	11
2002	3	14	4	30	3	13	4	20	1	0	1	4
2003	3	10	3	15	3	15	4	20	4	9	4	6
2004	3	12	3	14	3	15	4	11	3	11	3	8
2005	3	14	3	20	3	15	4	18	3	7	3	11
2006	3	19	4	15	3	7	4	23	3	2	3	5
2007	3	13	1	4	3	16	4	11	4	11	4	9
2008	3	11	3	14	3	12	4	13	4	14	4	15
2009	3	11	3	1	3	16	4	11	3	3	3	8
2010	3	15	3	8	3	21	4	10	3	6	3	5
2011	3	9	4	8	3	12	4	7	4	8	4	14
2012	3	10	1	4	3	8	4	9	4	9	4	15
2013	3	15	4	19	3	10	4	12	1	3	1	3
2014	3	20	3	12	3	6	4	6	4	10	4	17
2015	3	8	3	12	3	15	4	11	3	6	3	11
2016	3	6	3	13	3	10	4	10	3	6	3	11
2017	3	10	4	14	3	15	4	11	3	11	3	12
2018	3	19	1	7	3	12	4	11	4	13	4	9
2019	3	13	4	19	3	10	4	7	2	4	2	4
2020	3	12	3	17	3	15	4	17	3	4	3	12
2021	3	14	3	27	3	11	4	14	3	5	3	6
2022	3	13	3	13	3	11	4	15	3	6	3	2
2023	3	22	4	18	3	20	4	15	3	15	3	6
2024	3	10	4	16	3	12	4	11	2	2	2	3
Daily Avg	**3**	**16**	**3**	**18**	**3**	**18**	**4**	**18**	**3**	**12**	**3**	**12**

To remain consistent with other states, Michigan relies on the National Safety Council to determine number of days within each holiday.
Holiday periods (in days) may differ from year to year, please keep this in mind when doing data analysis.
Although holiday data is usually fairly static, it is subject to change as more data becomes available.
**All New Year's holiday information is recorded in the year in which it began.*

Michigan Department of State Police

Criminal Justice Information Center

Traffic Crash Reporting Unit

Memorial Day Report 05/24/2024 18:00 to 05/27/2024 23:59

Fatal Crashes 10 **Fatalities** 10

Crash Date	County	Victim	Alcohol	Restraint	Age
MAY 24, 2024	Newaygo	Driver	No	Shoulder and Lap Belt	30
MAY 25, 2024	Roscommon	Motorcycle Occupant	No	Helmet Worn	74
MAY 25, 2024	Branch	Driver	Yes	No Belts Used	40
MAY 25, 2024	Jackson	Motorcycle Occupant	No	Helmet Not Worn	27
MAY 25, 2024	Monroe	Motorcycle Occupant	No	Helmet Worn	49
MAY 26, 2024	Macomb	Pedestrian	No	No Belts Available	60
MAY 26, 2024	Mecosta	Motorcycle Occupant	No	Helmet Not Worn	32
MAY 26, 2024	Schoolcraft	ORV Occupant	Yes	Helmet Not Worn	33
MAY 27, 2024	Wayne	Driver	No	Restraint Use Unknown	18
MAY 27, 2024	St Clair	Motorcycle Occupant	No	Helmet Worn	25

Total crashes that had alcohol involved: 2 .**

** Alcohol involved crashes are defined as crashes where there was at least one person in the crash that had been drinking.

Michigan Department of State Police

Criminal Justice Information Center

Traffic Crash Reporting Unit

Independence Day Report 07/03/2024 18:00 to 07/07/2024 23:59

Fatal Crashes 15 **Fatalities** 16

Crash Date	County	Victim	Alcohol	Restraint	Age
JUL 04, 2024	Berrien	Driver	No	Restraint Use Unknown	29
JUL 04, 2024	Macomb	Pedestrian	No	No Belts Available	38
JUL 04, 2024	Ogemaw	ORV Occupant	No	Helmet Not Worn	63
JUL 04, 2024	Crawford	Motorcycle Occupant	No	Helmet Not Worn	44
JUL 04, 2024	Kalamazoo	Bicyclist	No	Helmet Use Unknown	38
JUL 05, 2024	Wayne	Driver	No	Shoulder and Lap Belt	55
JUL 05, 2024	Newaygo	Driver	No	Shoulder and Lap Belt	38
JUL 06, 2024	Oakland	Passenger	No	Shoulder and Lap Belt	73
JUL 06, 2024	Huron	ORV Occupant	Yes	Helmet Worn	68
JUL 06, 2024	Charlevoix	Motorcycle Occupant	No	Helmet Worn	40
JUL 06, 2024	Oakland	Motorcycle Occupant	Yes	Helmet Worn	42
JUL 07, 2024	Marquette	Driver	No	Restraint Use Unknown	17
JUL 07, 2024	Barry	Driver	Yes	Shoulder and Lap Belt	58
JUL 07, 2024	Delta	ORV Occupant	No	Helmet Use Unknown	57
JUL 07, 2024	Livingston	Passenger	Unknown	Shoulder and Lap Belt	64
JUL 07, 2024	Livingston	Motorcycle Occupant	No	Helmet Worn	20

Total crashes that had alcohol involved: 3 .**

** Alcohol involved crashes are defined as crashes where there was at least one person in the crash that had been drinking.

Michigan Department of State Police

Criminal Justice Information Center

Traffic Crash Reporting Unit

Labor Day Report 08/30/2024 18:00 to 09/02/2024 23:59

Fatal Crashes 11 **Fatalities** 12

Crash Date	County	Victim	Alcohol	Restraint	Age
AUG 31, 2024	Wayne	Pedestrian	No	No Belts Available	61
AUG 31, 2024	Ionia	Motorcycle Occupant	No	Helmet Not Worn	61
AUG 31, 2024	Wayne	Motorcycle Occupant	No	Helmet Not Worn	41
AUG 31, 2024	Monroe	Driver	Yes	No Belts Used	32
AUG 31, 2024	Emmet	Motorcycle Occupant	No	Helmet Worn	66
SEP 01, 2024	Wayne	Pedestrian	No	No Belts Available	32
SEP 01, 2024	Van Buren	Pedestrian	No	No Belts Available	78
SEP 01, 2024	Oakland	Driver	No	Shoulder and Lap Belt	80
SEP 01, 2024	Iron	Driver	No	Shoulder and Lap Belt	77
SEP 01, 2024	Iron	Passenger	Unknown	Shoulder and Lap Belt	72
SEP 02, 2024	Macomb	Driver	Yes	No Belts Used	40
SEP 02, 2024	Ingham	Driver	No	Shoulder and Lap Belt	58

Total crashes that had alcohol involved: 2 .**

** Alcohol involved crashes are defined as crashes where there was at least one person in the crash that had been drinking.

Michigan Department of State Police

Criminal Justice Information Center

Traffic Crash Reporting Unit

Thanksgiving Report 11/27/2024 18:00 to 12/01/2024 23:59

Fatal Crashes 8 **Fatalities** 11

Crash Date	County	Victim	Alcohol	Restraint	Age
NOV 27, 2024	Alcona	Other/Unknown	Yes	No Belts Used	50
NOV 27, 2024	Alcona	Other/Unknown	Yes	No Belts Used	53
NOV 27, 2024	Eaton	Driver	Yes	No Belts Used	40
NOV 29, 2024	Wayne	Driver	Yes	Shoulder and Lap Belt	27
NOV 29, 2024	Wayne	Driver	Yes	Shoulder and Lap Belt	34
DEC 01, 2024	Wayne	Driver	No	No Belts Used	32
DEC 01, 2024	Saginaw	Passenger	Unknown	Restraint Use Unknown	24
DEC 01, 2024	Saginaw	Passenger	Unknown	Restraint Use Unknown	24
DEC 01, 2024	Oscoda	Driver	No	Shoulder and Lap Belt	48
DEC 01, 2024	Wayne	Pedestrian	No	No Belts Available	58
DEC 01, 2024	Saginaw	Passenger	Unknown	Shoulder and Lap Belt	76

Total crashes that had alcohol involved: 5 .**

** Alcohol involved crashes are defined as crashes where there was at least one person in the crash that had been drinking.

Michigan Department of State Police

Criminal Justice Information Center

Traffic Crash Reporting Unit

Christmas Report 12/24/2024 18:00 to 12/25/2024 23:59

Fatal Crashes 2 **Fatalities** 2

Crash Date	County	Victim	Alcohol	Restraint	Age
DEC 25, 2024	Sanilac	Passenger	Unknown	No Belts Used	53
DEC 25, 2024	Oakland	Snowmobile Occupant	Yes	Helmet Not Worn	47

Total crashes that had alcohol involved: 1 .**

** Alcohol involved crashes are defined as crashes where there was at least one person in the crash that had been drinking.

Michigan Department of State Police

Criminal Justice Information Center

Traffic Crash Reporting Unit

New Years (2025) Day Report 12/31/2024 18:00 to 01/01/2025 23:59

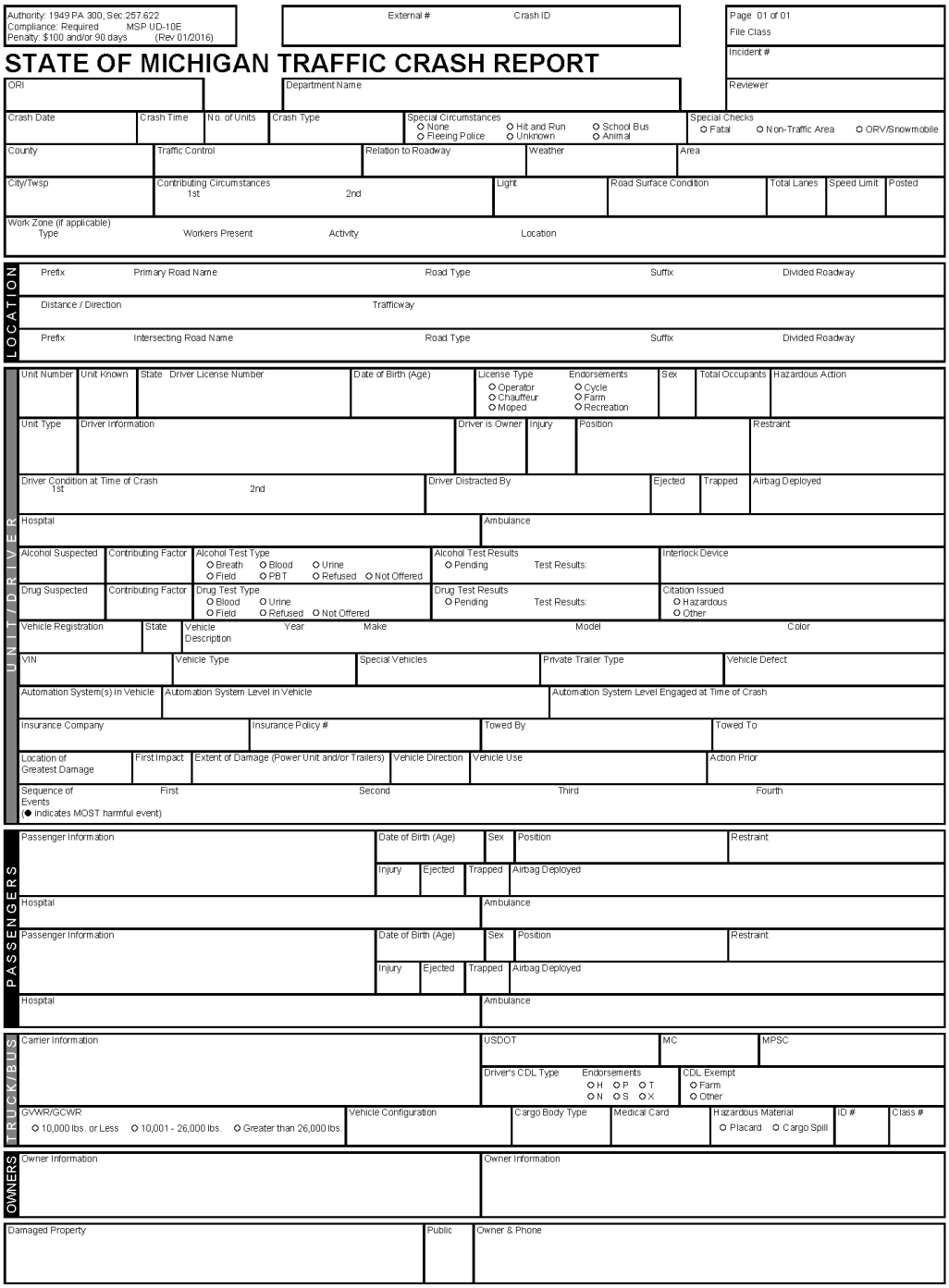
Fatal Crashes 3 **Fatalities** 3

Crash Date	County	Victim	Alcohol	Restraint	Age
DEC 31, 2024	Kent	Passenger	Unknown	Shoulder and Lap Belt	15
JAN 01, 2025	Wayne	Pedestrian	Unknown	No Belts Available	28
JAN 01, 2025	Oakland	Passenger	Unknown	No Belts Used	57

Total crashes that had alcohol involved: 0 .**

** Alcohol involved crashes are defined as crashes where there was at least one person in the crash that had been drinking.

Section 5:
UD-10 Images



Authority: 1949 PA 300, Sec 257.622
Compliance: Required MSP UD-10E
Penalty: $100 and/or 90 days (Rev 01/2016)

External # Crash ID

Page 01 of 01
File Class
Incident #
Reviewer

STATE OF MICHIGAN TRAFFIC CRASH REPORT

ORI | Department Name

Crash Date | Crash Time | No. of Units | Crash Type | Special Circumstances: ○ None ○ Hit and Run ○ School Bus ○ Fleeing Police ○ Unknown ○ Animal | Special Checks: ○ Fatal ○ Non-Traffic Area ○ ORV/Snowmobile

County | Traffic Control | Relation to Roadway | Weather | Area

City/Twsp | Contributing Circumstances 1st 2nd | Light | Road Surface Condition | Total Lanes | Speed Limit | Posted

Work Zone (if applicable) Type | Workers Present | Activity | Location

LOCATION

Prefix | Primary Road Name | Road Type | Suffix | Divided Roadway

Distance / Direction | Trafficway

Prefix | Intersecting Road Name | Road Type | Suffix | Divided Roadway

UNIT / DRIVER

Unit Number | Unit Known | State Driver License Number | Date of Birth (Age) | License Type: ○ Operator ○ Chauffeur ○ Moped | Endorsements: ○ Cycle ○ Farm ○ Recreation | Sex | Total Occupants | Hazardous Action

Unit Type | Driver Information | Driver is Owner | Injury | Position | Restraint

Driver Condition at Time of Crash 1st 2nd | Driver Distracted By | Ejected | Trapped | Airbag Deployed

Hospital | Ambulance

Alcohol Suspected | Contributing Factor | Alcohol Test Type: ○ Breath ○ Blood ○ Urine ○ Field ○ PBT ○ Refused ○ Not Offered | Alcohol Test Results: ○ Pending Test Results: | Interlock Device

Drug Suspected | Contributing Factor | Drug Test Type: ○ Blood ○ Urine ○ Field ○ Refused ○ Not Offered | Drug Test Results: ○ Pending Test Results: | Citation Issued: ○ Hazardous ○ Other

Vehicle Registration | State | Vehicle Description | Year | Make | Model | Color

VIN | Vehicle Type | Special Vehicles | Private Trailer Type | Vehicle Defect

Automation System(s) in Vehicle | Automation System Level in Vehicle | Automation System Level Engaged at Time of Crash

Insurance Company | Insurance Policy # | Towed By | Towed To

Location of Greatest Damage | First Impact | Extent of Damage (Power Unit and/or Trailers) | Vehicle Direction | Vehicle Use | Action Prior

Sequence of Events (● indicates MOST harmful event) First | Second | Third | Fourth

PASSENGERS

Passenger Information | Date of Birth (Age) | Sex | Position | Restraint | Injury | Ejected | Trapped | Airbag Deployed

Hospital | Ambulance

Passenger Information | Date of Birth (Age) | Sex | Position | Restraint | Injury | Ejected | Trapped | Airbag Deployed

Hospital | Ambulance

TRUCK/BUS

Carrier Information | USDOT | MC | MPSC

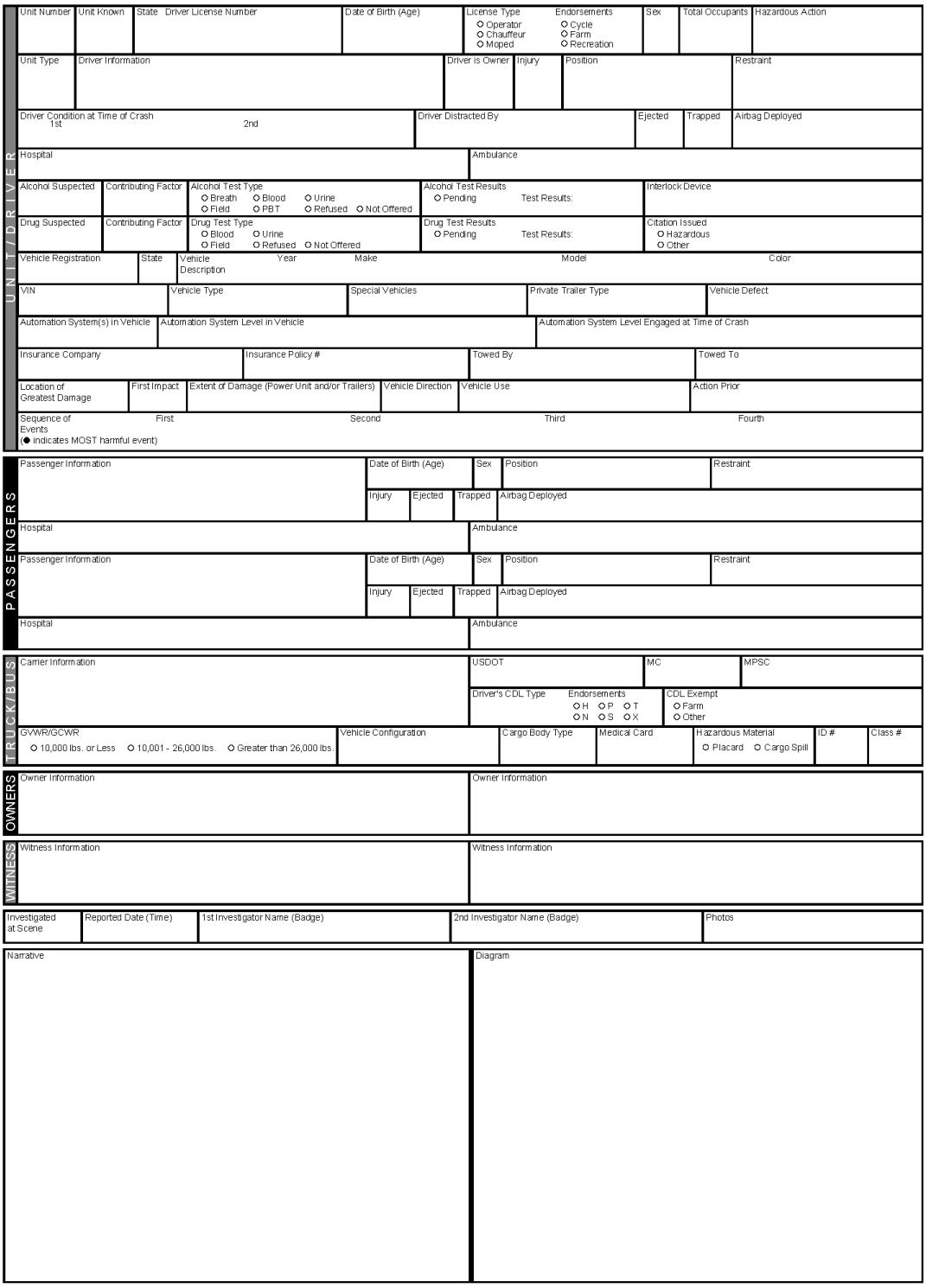
Driver's CDL Type | Endorsements: ○ H ○ P ○ T ○ N ○ S ○ X | CDL Exempt: ○ Farm ○ Other

GVWR/GCWR: ○ 10,000 lbs. or Less ○ 10,001 - 26,000 lbs. ○ Greater than 26,000 lbs. | Vehicle Configuration | Cargo Body Type | Medical Card | Hazardous Material: ○ Placard ○ Cargo Spill | ID # | Class #

OWNERS

Owner Information | Owner Information

Damaged Property | Public | Owner & Phone


UNIT / DRIVER
Unit Number
Unit Known
State Driver License Number
Date of Birth (Age)
License Type
Operator
Chauffeur
Moped
Endorsements
Cycle
Farm
Recreation
Sex
Total Occupants
Hazardous Action
Unit Type
Driver Information
Driver is Owner
Injury
Position
Restraint
Driver Condition at Time of Crash
1st
2nd
Driver Distracted By
Ejected
Trapped
Airbag Deployed
Hospital
Ambulance
Alcohol Suspected
Contributing Factor
Alcohol Test Type
Breath
Blood
Urine
Field
PBT
Refused
Not Offered
Alcohol Test Results
Pending
Test Results:
Interlock Device
Drug Suspected
Contributing Factor
Drug Test Type
Blood
Urine
Field
Refused
Not Offered
Drug Test Results
Pending
Test Results:
Citation Issued
Hazardous
Other
Vehicle Registration
State
Vehicle Description
Year
Make
Model
Color
VIN
Vehicle Type
Special Vehicles
Private Trailer Type
Vehicle Defect
Automation System(s) in Vehicle
Automation System Level in Vehicle
Automation System Level Engaged at Time of Crash
Insurance Company
Insurance Policy #
Towed By
Towed To
Location of Greatest Damage
First Impact
Extent of Damage (Power Unit and/or Trailers)
Vehicle Direction
Vehicle Use
Action Prior
Sequence of Events
(● indicates MOST harmful event)
First
Second
Third
Fourth
PASSENGERS
Passenger Information
Date of Birth (Age)
Sex
Position
Restraint
Injury
Ejected
Trapped
Airbag Deployed
Hospital
Ambulance
Passenger Information
Date of Birth (Age)
Sex
Position
Restraint
Injury
Ejected
Trapped
Airbag Deployed
Hospital
Ambulance
TRUCK/BUS
Carrier Information
USDOT
MC
MPSC
Driver's CDL Type
Endorsements
H
P
T
N
S
X
CDL Exempt
Farm
Other
GVWR/GCWR
10,000 lbs. or Less
10,001 - 26,000 lbs.
Greater than 26,000 lbs.
Vehicle Configuration
Cargo Body Type
Medical Card
Hazardous Material
Placard
Cargo Spill
ID #
Class #
OWNERS
Owner Information
Owner Information
WITNESS
Witness Information
Witness Information
Investigated at Scene
Reported Date (Time)
1st Investigator Name (Badge)
2nd Investigator Name (Badge)
Photos
Narrative
Diagram

Section 5:
UD-10 Traffic Crash Report User Guide

UD-10 Traffic Crash Report User Guide

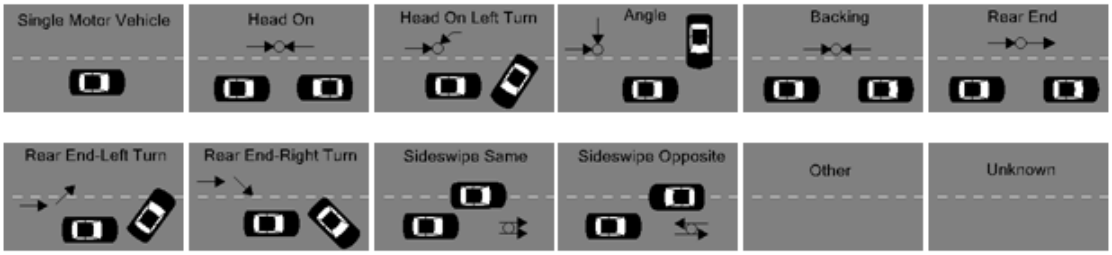
Revised 2021

MICHIGAN STATE POLICE

A PROUD tradition of SERVICE through EXCELLENCE, INTEGRITY, and COURTESY

Phone: 517-241-1699
Website: www.michigan.gov/crash
Email: CrashTCRS@michigan.gov

Crash Type



Animal
1. Deer
2. Turkey
3. Elk
4. Moose
5. Bear
97. Animal (Other)
98. Animal (Unknown)

Weather
1. Clear
2. Cloudy
3. Fog
4. Rain
5. Snow
6. Severe Crosswinds
7. Sleet / Hail
8. Blowing Snow
9. Blowing Sand, Soil, Dirt
10. Smoke
98. Unknown

Light
1. Daylight
2. Dawn
3. Dusk
4. Dark-Lighted
5. Dark-Unlighted
97. Other
98. Unknown

Traffic Control
1. Signal
2. Stop Sign
3. Stop Sign with Flashing Beacon
4. Yield Sign
96. None

Road Surface Condition
1. Dry
2. Wet
3. Ice
4. Snow
5. Mud, Dirt, Gravel
6. Slush
7. Debris
8. Water (Standing / Moving)
9. Sand
10. Oily
97. Other
98. Unknown

Contributing Circumstances
1. Prior Crash
2. Backup Due to Regular Congestion
3. Backup Due to Other Incident
4. Glare
5. Traffic Control Device Inoperative, Missing or Obscured
6. Shoulders (None, Low, Soft, High)
96. None
97. Other
98. Unknown

Relation to Roadway
1. On the Road
2. Median
3. Shoulder
4. Outside of Shoulder / Curb
5. Gore
6. On-Street Parking
7. Off Roadway (Non-Traffic)
8. Sidewalk
9. Bicycle Lane
98. Unknown

Area

Freeway
1. Entrance / Exit Ramp Related
2. Authorized Median Crossover Related
3. Transition Area / Increase or Decrease in Travel Lanes
4. Rest Area Related
5. Scale / Weigh Station Related
6. All Other Freeway Areas
20. Curved Roadway

Intersection
7. Within Intersection
8. Driveway Related within 150 ft. of Nearest Edge of Intersection
9. Intersection Related-Other
21. Roundabout

Other Non-Freeway Areas
10. Straight Roadway Not Related to Other Selections
11. Curved Roadway Not Related to Other Selections
12. Driveway Related Not within 150 ft. of Intersection
13. Parking Related Legal Roadside
14. Transition Area / Increase or Decrease in Travel Lanes
15. Median Crossing Related
16. Railroad Crossing Related
17. Rest Area Related
18. Scale / Weigh Station Related
19. Non-Traffic Area
97. Other
98. Unknown

Work Zone - Activity
1. Lane Closure
2. Lane Shift / Crossover
3. Work on Shoulder or Median
4. Intermittent or Moving Work
97. Other

Work Zone - Location
1. Before the First Work Zone Warning Sign
2. Between the First and Last Work Zone Warning Sign
3. No Warning Signs

Trafficway
1. Not Physically Divided (Two-Way Traffic)
2. Divided Highway without Traffic Barrier
3. Divided Highway with Traffic Barrier
4. One-Way Traffic
5. Non-Traffic
6. Two-Way, Not Divided, with a Continuous Left Turn Lane

Unit Type

MV	Motor Vehicle
B	Bike
P	Pedestrian
E	Engineer (Train)

Race

I	American Indian/Alaskan
A	Asian
B	Black/African American
H	Hispanic/Latino
P	Native Hawaiian or Other Pacific Islander
W	White
U	Unknown

Driver Distracted By

1. Not Distracted
2. Manually Operating an Electronic Communications Device (Texting, Typing, Dialing)
3. Talking on Hands-Free Electronic Device
4. Talking on Hand-Held Electronic Device
5. Other Activity, Electronic Device (Book Player, Navigation Aid)
6. Passenger
7. Other Activity Inside the Vehicle (Eating, Personal Hygiene)
8. Outside the Vehicle (Includes Unspecified External Distractions)

98. Unknown

Restraint Use

1. No Belts Available
2. Shoulder Belt Only Used
3. Lap Belt Only
4. Shoulder and Lap Belt
5. No Belts Used
6. Child Restraint System – Forward Facing
7. Child Restraint Not Used or Improperly Used
8. Child Restraint System – Rear Facing
9. Child Restraint System – Booster Seat
10. Restraint Failure
11. Restraint Use Unknown
12. Helmet Worn
13. Helmet Not Worn
14. Helmet Use Unknown

Injury

K - Fatal Injury: Any injury which results in death

A - Suspected Serious Injury: Any injury other than fatal which prevents normal activities and generally requires hospitalization

B - Suspected Minor Injury: Any minor injury that is evident to others at the scene

C - Possible Injury: Any possible injury that is reported or claimed

O - No Injury: No indication of injury

Sequence of Events

Non-Collision

1. Loss of Control
2. Cross Centerline
3. Ran Off Roadway - Left
4. Ran Off Roadway - Right
5. Re-enter Roadway
6. Overturn
7. Separation of Units
8. Fire / Explosion
9. Immersion
10. Jackknife
11. Downhill Runaway
12. Cargo Loss / Shift
13. Individual Fell from Vehicle
14. Other Non-Collision
46. Cross Median
47. Equipment Failure (Blown Tire, Brake Failure, Etc.)

Collision with Non-Fixed Object

15. Pedestrian
16. Bicyclist
17. Motor Vehicle in Transport*
18. Parked Motor Vehicle
19. Engineer (Railroad / Train)
20. Animal
21. Other Non-Fixed Object
48. Work Zone / Maintenance Equipment
49. Cargo Falling / Shifting / or Anything Set in Motion (SIM) By a Motor Vehicle

** In transport means a motor vehicle in motion or on a roadway.*

Collision with Fixed Object

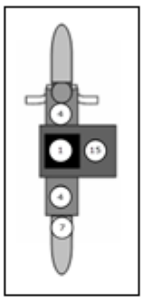
22. Bridge Pier / Support
24. Bridge Rail
25. Guardrail Face
26. Guardrail End
27. Concrete Barrier
28. Traffic Sign / Post
29. Traffic Signal Equipment
30. Utility Pole / Light Support
32. Other Post / Pole / Support
33. Culvert
34. Curb
35. Ditch
36. Embankment
37. Fence
38. Mailbox
39. Tree
40. Railroad Crossing Signal
41. Building
42. Traffic Island
43. Fire Hydrant
44. Impact Attenuator / Crash Cushion
45. Other Fixed Object
50. Bridge Overhead Structure
51. Cable Barrier

Position

B Bicyclist
P Pedestrian
E Engineer (Railroad / Train)

13. Sleeper Section
14. Other Enclosed Passenger / Cargo Area
15. Other Unenclosed Passenger / Cargo Area
16. Riding In / On Trailing Unit
17. Riding On Vehicle Exterior

98. Unknown



Motorcycles, Snowmobiles, Etc. (In-Line Seating)

1. Driver
4. Passenger One
7. Passenger Two
15. Other Unenclosed Passenger / Cargo Area

Hazardous Action

0. None
1. Speed Too Fast
2. Speed Too Slow
3. Failed to Yield
4. Disregard Traffic Control
5. Drove Wrong Way
6. Drove Left of Center
7. Improper Passing
8. Improper Lane Use
9. Improper Turn
10. Improper / No Signal
11. Improper Backing
12. Unable to Stop in Assured Clear Distance
13. Other
14. Unknown
15. Reckless Driving
16. Careless Driving

Airbag

1. Deployed-Front
2. Not Deployed
3. Not Equipped
4. Deployed-Side
5. Deployed-Curtain
6. Deployed-Other (Knee, Air Belt, Etc.)
7. Deployed-Combination

98. Unknown

Condition at Time of Crash

1. Appeared Normal
4. Sick
5. Fatigued or Asleep
7. Medication
10. Physically Disabled
11. Emotional

97. Other
99. Unknown

Action Prior to Crash

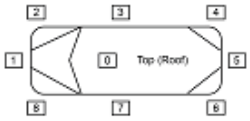
Driver Action

1. Going Straight Ahead
2. Turning Left
3. Turning Right
4. Stopped on Roadway
5. Involved in Prior Crash at Same Location
6. Changing Lanes
7. Backing
8. Slowing / Stopping on Roadway
9. Slowing / Stopping Other Area
10. Starting Up on Roadway
11. Starting Up in Other Area
12. Entering Parking
13. Leaving Parking
14. Entering Roadway
15. Leaving Roadway
16. Making U-Turn
17. Overtaking or Passing
18. Avoiding Object
19. Avoiding Pedestrian
20. Avoiding Vehicle (Front / Back)
21. Avoiding Vehicle (Angle)
22. Driverless Moving
23. Parked
35. Other
36. Unknown
37. Avoiding Animal
38. Negotiating a Curve

Pedestrian Action

24. Crossing at Intersection
25. Crossing Not at Intersection
26. Getting On / Off Vehicle
27. In Roadway with Traffic
28. In Roadway Against Traffic
29. Standing / Lying in Roadway
30. Pushing / Working on Vehicle
31. Other Working in Roadway
32. Playing in Roadway
33. In Roadway Other Reason
34. Not in Roadway
35. Other
36. Unknown

Location of Greatest Damage / First Impact



9. Undercarriage
10. Multiple
11. None
98. Unknown

Vehicle Type

1. Passenger Car, SUV, Van
2. Motor Home
3. Pickup Truck
4. Small Truck (Under 10,000 lbs)
5. Motorcycle
6. Moped / Goped
7. Go-Cart / Golf Cart
8. Snowmobile
9. Off Road Vehicle (ATV Type)
10. Other
11. Truck / Bus

Vehicle Use

1. Private
2. Commercial (Business)
3. In Pursuit / On Emergency
4. Farm
5. School / Education
6. Club / Church
7. Military
8. Other Government
9. Utility
10. Road Construction / Other Maintenance
11. Other

Vehicle Direction

N	North
NE	Northeast
NW	Northwest
S	South
SE	Southeast
SW	Southwest
W	West
E	East

Special Vehicles

1. Police
2. Fire
3. Bus
4. Ambulance
5. Farm Equipment
6. Construction / Maintenance Equipment
7. Tow Truck / Wrecker

Vehicle Defects

1. Brakes
2. Lights
3. Steering
4. Tires / Rims
5. Windows / Windshield
6. Truck Coupling / Trailer Hitch / Safety Chains
97. Other

Private Trailer Type

1. Utility
2. Travel Trailer
3. Boat Trailer
4. Farm Equipment
5. Towed Auto
6. Recreational Double
7. Other

Extent of Damage

1. No Damage
2. Minor Damage
3. Functional Damage
4. Disabling Damage
98. Unknown

Automation System Level in Vehicle

0. No Automation
1. Driver Assistance
2. Partial Automation
3. Conditional Automation
4. High Automation
5. Full Automation
6. Automation Level Unknown
98. Unknown

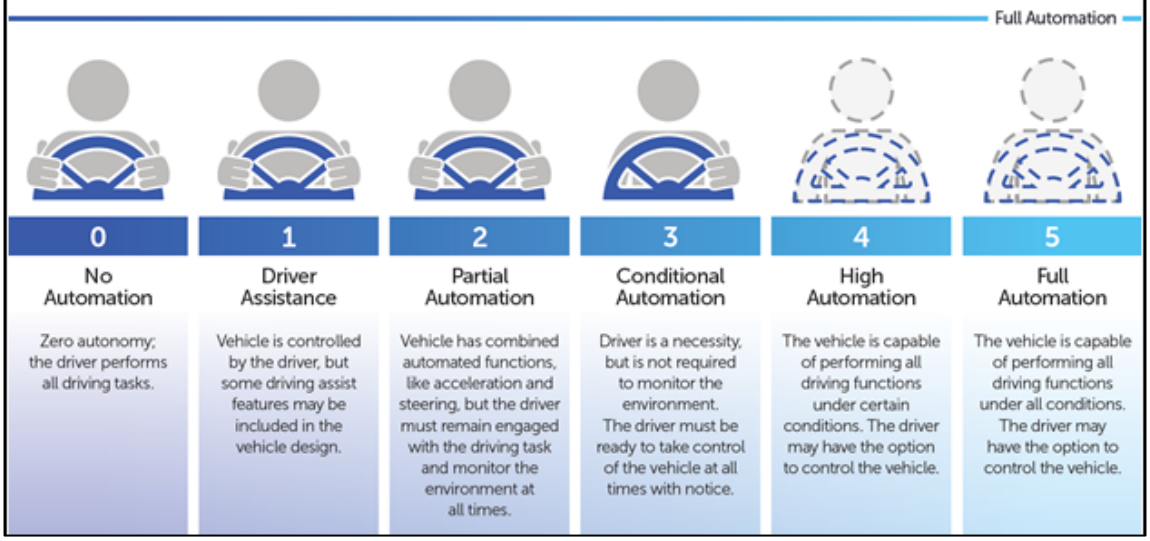
Automation System Level Engaged at Time of Crash

0. No Automation
1. Driver Assistance
2. Partial Automation
3. Conditional Automation
4. High Automation
5. Full Automation
6. Automation Level Unknown
98. Unknown

While many of the vehicles on the road today are not automated, some levels of automation do exist on newer vehicles. Common Level 1 (Driver Assistance) Systems can include:

Lane Keeping Assist	Adaptive Cruise Control
Parking Assist	Automatic Emergency Braking

SAE AUTOMATION LEVELS



Truck and Bus Crashes Reportable to FMCSA

REPORT A TRAFFIC CRASH IF IT INVOLVES...

Any truck that has a gross vehicle weight rating (GVWR) of more than 10,000 pounds or a gross combination weight rating (GCWR) of more than 10,000 pounds used on public highways

OR

Any motor vehicle with seating to transport nine (9) or more people, including the driver's seat

OR

Any motor vehicle displaying a hazardous materials placard (regardless of weight)

...AND RESULTS IN

A fatality: any person(s) killed in or outside of any vehicle (truck, bus, car, etc.) involved in the crash or who dies within 30 days of the crash as a result of an injury sustained in the crash

OR

An injury: any person(s) injured as a result of the crash who immediately receives medical treatment away from the crash scene

OR

A tow-away: any motor vehicle (truck, bus, car, etc.) disabled as a result of the crash and transported away from the scene by a tow truck or other vehicle

Revised 06/05

Federal Motor Carrier Safety Administration

U.S. Department of Transportation
www.fmcsa.dot.gov

Vehicle Configuration

1 Passenger Car (Only if Vehicle Has HM Placard)

2 Light Truck (Only if Vehicle Has HM Placard)

3 Bus (9-15 Seats, Including Driver)

4 Bus (16 or More Seats, Including Driver)

5 Single-Unit (2 Axles, 6 Tires)

6 Single-Unit (3 or More Axles)

7 Truck/Trailer (Single-Unit Truck Pulling a Trailer)

8 Truck Tractor (Bobtail)

9 Tractor / Semi Trailer (One Trailer)

10 Truck Tractor / Double (Two Trailers)

11 Truck Tractor / Triple (Three Trailers)

99 Unknown Heavy Truck > 10,000 lbs – Unclassified (Not Listed Above)

Cargo Body Type

1 Van / Enclosed Box

2 Cargo Tank

3 Flat Bed

4 Dump

5 Concrete Mixer

6 Auto Transporter

7 Garbage / Refuse

8 Grains, Chips, Gravel

9 Pole

10 Intermodal Chassis

11 Log

12 Vehicle Towing Motor Vehicle

13 Bus (9-15 Seats, Including Driver)

14 Bus (16 or More Seats, Including Driver)

15 No Cargo Body

97 Other

CDL Endorsements

H Hazardous	P Passenger
T Double/Triple	S School Bus
N Tank	X Tank and Hazardous

CDL-Class A

Any combination of vehicles with a GCWR of 26,001 pounds or more, provided the GVWR of any towed vehicles is 10,001 pounds or more.

CDL-Class B

Any single vehicle with a GVWR of 26,001 pounds or more, or any such vehicle towing a vehicle with a GVWR of 10,000 pounds or less.

CDL-Class C

Any single vehicle or combination of vehicles that do not meet the definition of Class A or Class B, but are designed to transport 16+ passengers including the driver, or is used to transport hazardous materials requiring a placard.

Section 5:
Fatality Analysis Reporting System (FARS)

The FARS gathers data on the most severe traffic crashes that occur each year - those that result in loss of human life.

The system was conceived, designed, and developed by the National Center for Statistics and Analysis (NCSA) of the NHTSA to provide an overall measure of highway safety, to help identify traffic safety problems, to suggest solutions, and to help provide an objective basis on which to evaluate the effectiveness of motor vehicle safety standards and highway safety programs.

FARS became operational in 1975 and contains data on fatal traffic crashes within 50 States, the District of Columbia, and Puerto Rico. To be included in FARS, a crash must involve a motor vehicle traveling on a trafficway open to the public and must result in the death of a person (vehicle occupants or non-motorist). Any fatal crash involving a snowmobile or ORV shall be submitted to FARS, regardless of where it occurred.

The FARS file contains descriptions, in a standard format, of each fatal crash reported. Each crash has more than 100 different coded data elements that characterize the crash, the vehicles, and the people involved. The specific data elements may be modified slightly each year to conform to changing user needs, vehicle characteristics, and highway safety emphasis areas. The FARS analyst reviews the UD-10 to complete all data elements reported on five forms:

- The **Crash Form** contains specific information such as the time and location of the crash, the first harmful event, the number of vehicles and people involved, and the weather conditions.
- The **Vehicle Form** contains data on each vehicle involved in the crash. Specific data includes the vehicle type, role in the crash, initial and principal impact points, the most harmful event, whether it is a hit-and-run crash, and whether a school bus was involved.
- The **Driver Form** contains driver's record and license status including mandated Commercial Driver's License information.
- The **Person Form** contains data on each person involved in the crash: his or her age and sex, role in the crash (i.e., driver, passenger, non-motorist), alcohol and drug involvement, injury severity, and restraint use.
- The **Pre-Crash Form** contains data describing roadway attributes, driver's actions, and details prior to the first harmful event.

The data collected within FARS does not include any personal identifying information such as names, addresses, or social security numbers. Thus, any data kept in FARS files are made available to the public to fully conform to the Privacy Act laws. An overview of FARS data is published in various fact sheets and in an annual report. These are all available to the public. The annual report contains a comprehensive analysis of the year's data and includes some past year's data with comparative analyses.

Michigan has participated in the FARS program since its inception. The FARS analyst gathers, translates, and enters data directly into NHTSA's central computer data file. Data is automatically checked when entered for acceptable range values and for consistency.

FARS data is used extensively within NHTSA; and requests are received from sources such as state and local governments, research organizations, private citizens, the auto and insurance industries, Congress, and the media. Specific FARS data uses include the evaluation of:

- Alcohol related legislation
- Motorcycle helmet legislation
- Restraint usage legislation
- Speed limit laws
- Vehicle safety designs
- Large truck safety
- Air bag effectiveness

FARS data can be accessed at the state level by the FARS analyst to respond to state safety issues. Users may request specific data from the NCSA at no charge for most requests, generally within two weeks (allowing more time for complex or lengthy reports). Also, users can obtain a file on computer tape in one of several formats amenable to analysis. The FARS website address is: https://www-fars.nhtsa.dot.gov.

Section 5:
Injury Code Index

An injury selection must be made for each driver/person that is recorded as a unit. The injury recorded should be based on the latest information available at the time the report was completed.

K **Fatal Injury (K) –** A fatal injury is any injury that results in death within 30 days after the motor vehicle crash in which the injury occurred.

A **Suspected Serious Injury (A) –** A suspected serious injury is any injury other than fatal which results in one or more of the following:

Severe laceration resulting in exposure of underlying tissues/muscle/organs

Resulting in significant loss of blood

Broken or distorted extremity (arm or leg)

Crush injuries

Suspected skull, chest, or abdominal injury other than bruises or minor lacerations

Significant burns (second and third degree burns over 10 percent or more of the body)

Unconsciousness when taken from the crash scene

Paralysis

B **Suspected Minor Injury (B) –** A minor injury is any injury that is evident at the scene of the crash, other than fatal or serious injuries. Examples include lump on the head, abrasions, bruises, minor lacerations (cuts on the skin surface with minimal bleeding and no exposure of deeper tissue/muscle).

C **Possible Injury (C) –** A possible injury is any injury reported or claimed which is not a fatal, suspected serious or suspected minor injury. Examples include momentary loss of consciousness, claim of injury, limping, or complaint of pain or nausea. Possible injuries are those that are reported by the person or are indicated by his/her behavior, but no wounds or injuries are readily evident.

O **No Apparent Injury (O) –** No apparent injury is a situation where there is no reason to believe that the person received any bodily harm from the motor vehicle crash. There is no physical evidence of injury, and the person does not report any change in normal function.

Section 5:
The Michigan Motor Vehicle Code

Sections of the Motor Vehicle Code Pertaining to Traffic Crash Reporting

Please note that the department referenced in the statute sections listed below is the Michigan Department of Natural Resources.

257.617 Accident resulting in serious impairment of body function or death; stopping required; reporting to police agency or officer; violation as felony; penalty.

(1) The driver of a vehicle who knows or who has reason to believe that he or she has been involved in an accident upon public or private property that is open to travel by the public shall immediately stop his or her vehicle at the scene of the accident and shall remain there until the requirements of section 619 are fulfilled or immediately report the accident to the nearest or most convenient police agency or officer to fulfill the requirements of section 619(a) and (b) if there is a reasonable and honest belief that remaining at the scene will result in further harm. The stop shall be made without obstructing traffic more than is necessary.

(2) Except as provided in subsection (3), if the individual violates subsection (1) and the accident results in serious impairment of a body function or death, the individual is guilty of a felony punishable by imprisonment for not more than 5 years or by a fine of not more than $5,000.00, or both.

(3) If the individual violates subsection (1) following an accident caused by that individual and the accident results in the death of another individual, the individual is guilty of a felony punishable by imprisonment for not more than 15 years or a fine of not more than $10,000.00, or both.

257.617a Accident; personal injury; reporting to police agency or officer; stopping required; penalty; suspension of license.

(1) The driver of a vehicle who knows or who has reason to believe that he has been involved in an accident upon public or private property that is open to travel by the public shall immediately stop his or her vehicle at the scene of the accident and shall remain there until the requirements of section 619 are fulfilled or immediately report the accident to the nearest or most convenient police agency or officer to fulfill the requirements of section 619(a) and (b) if there is a reasonable and honest belief that remaining at the scene will result in further harm. The stop shall be made without obstructing traffic more than is necessary.

(2) If an individual violates subsection (1) and the accident results in injury to any individual, the individual is guilty of a misdemeanor punishable by imprisonment for not more than 1 year or a fine of not more than $1,000.00, or both.

(3) The secretary of state shall suspend the operator's or chauffeur's license of an individual convicted of violating this section as provided in section 319.

257.618 Accidents; damage to vehicles; stopping required; reporting to police agency or officer; penalty.

(1) The driver of a vehicle who knows or who has reason to believe that he has been involved in an accident upon public or private property that is open to travel by the public shall immediately stop his or her vehicle at the scene of the accident and shall remain there until the requirements of section 619 are fulfilled or immediately report the accident to the nearest or most convenient police agency or officer to

fulfill the requirements of section 619(a) and (b) if there is a reasonable and honest belief that remaining at the scene will result in further harm. The stop shall be made without obstructing traffic more than is necessary.

(2) If an individual violates the requirements of subsection (1) and the accident results in damage to a vehicle operated by or attended by any individual, the individual is guilty of a misdemeanor punishable by imprisonment for not more than 90 days or a fine of not more than $100.00, or both.

257.620 Accidents; attended or unattended vehicle; stopping; report.

The driver of any vehicle which collides upon either public or private property with any vehicle which is attended or unattended shall immediately stop and shall then and there either locate and notify the operator or owner of such vehicle of the name and address of the driver and owner of the vehicle striking the vehicle or, if such owner cannot be located, shall forthwith report it to the nearest or most convenient police officer.

257.621 Accidents; fixtures on or adjacent to highway; notification of owner; exhibition of driver's license; reports.

(a) The driver of any vehicle involved in an accident resulting only in damage to fixtures legally upon or adjacent to a highway shall take reasonable steps to locate and notify the owner or person in charge of such property of such accident and of his name and address and of the registration number of the vehicle he is driving and shall upon request exhibit his operator's or chauffeur's license and, if such owner cannot be found, shall forthwith report such accident to the nearest or most convenient police officer.

(b) The officer receiving such report, or his commanding officer shall forward each individual report to the director of state police on forms prescribed by him which shall be completed in full by the investigating officer. The director of state police shall analyze each report relative to the cause of the reported accident and shall prepare for public use the information compiled from the reports.

257.622 Report of accidents resulting in death, personal injury, or property damage; forms; analysis; use; retention.

The driver of a motor vehicle involved in an accident that injures or kills any person, or that damages property to an apparent extent totaling $1,000.00 or more, shall immediately report that accident at the nearest or most convenient police station, or to the nearest or most convenient police officer. The officer receiving the report, or his or her commanding officer, shall immediately forward each report to the director of the department of state police on forms prescribed by the director of the department of state police. The forms shall be completed in full by the investigating officer. The director of the department of state police shall analyze each report relative to the cause of the reported accident and shall prepare information compiled from reports filed under this section for public use. A copy of the report under this section and copies of reports required under section 621, shall be retained for at least three years at the local police department, sheriff's department, or local state police post making the report.

324.82132 Accidents; notice; reports.

The operator of a snowmobile involved in an accident resulting in injuries to or the death of any person or property damage in an estimated amount of $100.00 or more shall immediately by the quickest means of communication notify a state police officer or officers, the sheriff's office of the county in which the accident occurred, or the office of the police department of the local unit of government in which the accident occurred. The police agency receiving the notice shall complete a report of the accident on forms prescribed by the director of the department of state police and forward the report to the department of state police within 14 days after the date of the accident. The department of state police

shall forward a copy of all snowmobile accident reports to the department within 14 days after receipt of the accident report.

<u>324.81143</u> Accident resulting in injury, death, or property damage; notice; report; report by medical facility; collection and evaluation of information; duties of operator.

(1) The operator of a vehicle involved in an accident resulting in injuries to, or the death of, a person, or resulting in property damage in an estimated amount of $100.00 or more, shall immediately, by the quickest available means of communication, notify a state police officer, or the sheriff's office of the county in which the accident occurred. The police agency receiving the notice shall complete a report of the accident on forms prescribed by the director of the department of state police and forward the report to the department of state police and the department.

(2) A medical facility to which a person injured in an accident involving an ORV is transported shall report the accident to the department of state police.

(3) The department of state police, in cooperation with the department, shall collect and evaluate information concerning accidents involving ORVs.

(4) The operator of a vehicle involved in an accident upon public or private property resulting in injury to or the death of a person shall immediately stop at the scene of an accident and shall render to any person injured in the accident reasonable assistance in securing medical aid or transportation.

Section 5: Glossary

Some definitions given are for purposes of UD-10 completion only and should not be used for enforcement or prosecution purposes.

A	**Adult** – The definition differs under federal and Michigan law. Federal law states an adult is a person who is 18 years of age or older. Michigan law states, an adult is a person who is 17 years of age or older. *(In this report, the definition follows Michigan law.)* **At-intersection crash** – A traffic crash in which the first harmful event occurs within the limits of an intersection.
B	**Bicycle** – A non-motorized unit propelled by pedaling, regardless of the number of wheels, which can include tricycles, unicycles, and pedal cars. **Bus** – Any passenger-carrying vehicle used for hire and used to transport nine or more passengers, including the driver.
C	**Commercial Motor Vehicle** – Any motor vehicle used for the transportation of goods, property, or people in interstate or intrastate commerce. **Contributing Circumstances** – These are apparent external (out of the vehicle) conditions that may have contributed to the crash. **Crash** – An un-stabilized situation which includes at least one harmful event.
D	**Distracted Driving** – Distractions are actions or sources that may have influenced driver or non-motorist performance. There is no burden of proof needed when selecting a driver distraction. It is simply the officer's decision based upon their personal observations while investigating the traffic crash. **Driving Under the Influence** – The driving or operating of any vehicle while under the influence of liquor or drugs.
F	**Farm tractor** – Farm tractor means every motor vehicle designed and used primarily as a farm implement for drawing plows, mowing machines, and other implements of husbandry. MCL 257.16
G	**Gross Combination Weight Rating (GCWR)** – The value specified by the manufacturer as the maximum loaded weight of a combination vehicle. In the absence of a label, the GCWR can be calculated by adding the GVWR of the power unit to the GVWR of the vehicle(s) or trailer(s) being towed. **Gross Vehicle Weight Rating (GVWR)** – The maximum rated loaded weight in pounds of a single vehicle. Vehicle manufacturers specify the GVWR, and this can be found on the vehicle certification label.
H	**Harmful event** – An occurrence of injury or damage

	Highway or street – Highway or street means the entire width between the boundary lines of every way publicly maintained when any part of, thereof, is open to the use of the public for purposes of vehicular travel. MCL 257.20
I	**Ignition Interlock Devices** – Ignition Interlock device means an alcohol concentration measuring device that prevents a motor vehicle from being started at any time without first determining through a deep lung sample the operator's breath alcohol level. MCL 257.625l **Implement of husbandry** – Implement of husbandry means a vehicle or trailer in use for the exclusive function of serving agriculture, horticulture, or livestock operations. Implement of husbandry includes a farm tractor, self-propelled application-type vehicle, farm wagon, farm trailer, a vehicle or trailer adapted for lifting or carrying another implement of husbandry, or any substantially similar equipment used to transport products necessary for agricultural production. MCL 257.21
M	**Moped** – A Moped is a 2- or 3-wheeled vehicle to which both of the following apply: • It is equipped with a motor that does not exceed 100 cubic centimeters piston displacement and cannot propel the vehicle at a speed greater than 30 miles per hour on a level surface. • Its power drive system does not require the operator to shift gears. • Moped does not include an electric bicycle. MCL 257.32b **Motorcycle** – Motorcycle means every motor vehicle having a saddle or seat for the use of the rider and designed to travel on not more than three wheels in contact with the ground but excluding a tractor. MCL 257.31 **Motor home** – Motor home means a motor vehicle constructed or altered to provide living quarters, including permanently installed cooking and sleeping facilities, and is used for recreation, camping, or other non-commercial use. MCL 257.32a **Motor vehicle** – Motor vehicle is <u>any</u> motorized road vehicle not operated on rails.
N	**Non–traffic area** – An area not designed for purposes of through vehicular travel. Generally, an area with roadways that is not part of the state, county, or local road system. Non-traffic areas include shopping center parking areas and service-access roads, parking ramps, parklands, and school properties.
O	**ORV** – ORV is a motor-driven, off-road recreation vehicle capable of cross-country travel without benefit of a road or trail, on or immediately over land, snow, ice, marsh, swampland, or other natural terrain. A multi-track or multi-wheel drive vehicle, a motorcycle or related two-wheel vehicle, a vehicle with three or more wheels, an amphibious machine, a ground effect air cushion vehicle, or other means of transportation may be an ORV. An ATV is an ORV. ORV or vehicle does not include a registered snowmobile, a farm vehicle being used for farming, a vehicle used for military, fire, emergency, or law enforcement purposes, a vehicle owned and operated by a utility company or an oil or gas company when performing maintenance on its facilities or on property over which it has an easement, a

	construction or logging vehicle used in performance of its common function, or a registered aircraft. MCL 324.81101
P	**Pedestrian** – Person on foot; person on skis, skates, or roller blades; rider of a horse; horse and buggy (each occupant, including the driver, will be listed as a separate pedestrian unit); and non-motorized wheelchair.
R	**Roadway** – Roadway means that part of a trafficway designed, improved, and ordinarily used for motor vehicle travel or, where various classes of motor vehicles are segregated, that part of a trafficway used by a particular class. Separate roadways may be provided for opposing directions of traffic for trucks and automobiles. ANSI D.16
S	**School bus** – School bus means every motor vehicle, except station wagons, with a manufacturers' rated seating capacity of 16 or more passengers, including the driver, owned by a public, private, or governmental agency and operated for the transportation of children to or from school, or privately owned and operated for compensation for the transportation of children to or from school. School bus does not include buses operated by a municipally owned transportation system or by a common passenger carrier certificated by the state transportation department. MCL 257.57 **Semi-trailer** – Semi-trailer means every vehicle with or without motive power, other than a pole-trailer, designed for carrying persons or property and for being drawn by a motor vehicle and so constructed that some part of its weight and that of its load rests upon or is carried by another vehicle. Semi-trailer does not include any implement of husbandry. MCL 257.59 **Snowmobile** – Snowmobile means any motor driven vehicle designed for travel primarily on snow or ice of a type which utilizes sled runners or skis, or an endless belt tread or any combination of these or other similar means of contact with the surface upon which it is operated; but is not a vehicle which must be registered under Act No. 300 of the Public Acts of 1949, as amended, being sections 257.1 to 257.923 of the Michigan Compiled Laws. MCL 324.82101
T	**Traffic crash** – A road vehicle crash in which the un-stabilized situation originates on a trafficway, or a harmful event occurs on a trafficway. ANSI D.16 **Trailer** – Trailer means every vehicle with or without motive power, other than a pole-trailer, designed for carrying property or persons and for being drawn by a motor vehicle and so constructed that no part of its weight rests upon the towing vehicle. Trailer does not include any implement of husbandry. MCL 257.73 **Truck** – Truck means every motor vehicle designed, used, or maintained primarily for the transportation of property. MCL 257.75 **Truck / Bus Unit** – A commercial truck or truck/trailer having a GVWR or GCWR of 10,001 pounds or more, any vehicle displaying or requiring a hazardous material placard, or any vehicle designed or used to transport more than eight passengers including the driver.

	Truck Tractor – Truck tractor means every motor vehicle designed and used primarily for drawing other vehicles, and not so constructed as to carry a load other than a part of the weight of the vehicle and load so drawn, except that a truck tractor and semi-trailer engaged in the transportation of automobiles may transport motor vehicles on part of the power unit. MCL 257.77
V	**Vehicle** – Vehicle means every device in, upon, or by which any person or property is or may be transported or drawn upon a highway, except devices exclusively moved by human power or used exclusively upon stationary rails or tracks and except a mobile home. MCL 257.79