August 2025

MICHIGAN OHSP Office of Highway Safety Planning

2024

Michigan Traffic Crash Facts

MTCF Michigan Traffic Crash Facts

Reporting Criteria

Please pay particular attention to the wording when interpreting the three levels of data gathered for this report.

Crash
The Crash Level analyzes data related to crash events and returns one result per crash.

Examples: Time, weather, and location.

Units
The Units Level analyzes the experience of the units in the crash and returns one result per vehicle, driver, pedestrian, bicyclist, or train.

Examples: Vehicle type, driver condition, and unit events.

People
The People Level analyzes the experience of the people involved in the crash and returns one result per occupant/person/party.

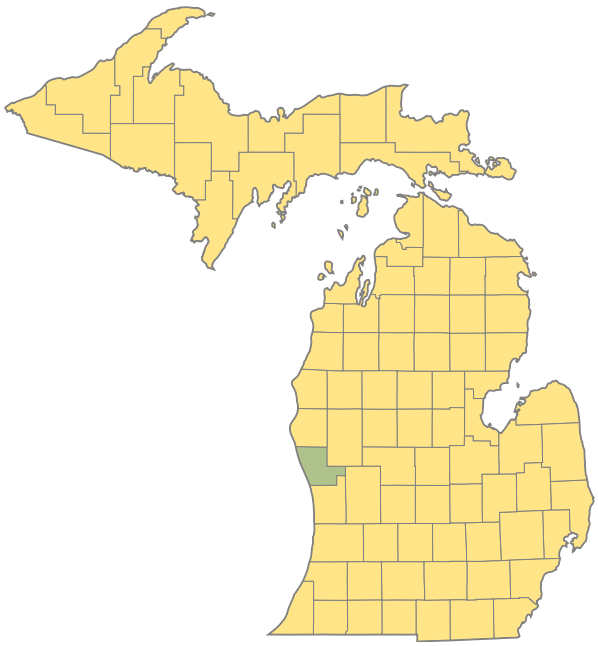
Examples: Age, injury severity, and seat belt or helmet use.

KABCO Injury Indicator:
K = Killed
A = Suspected Serious Injury
B = Suspected Minor Injury
C = Possible Injury
O = No Injury
Property Damage Only (PDO)

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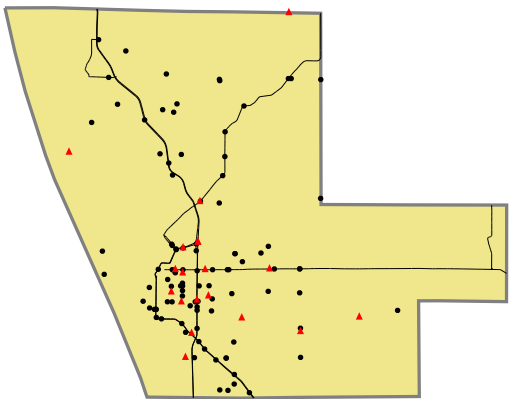
Muskegon County

2024 Traffic Crash Data & 2020-2024 5-Year Trends



Sources:
The crashes in this report occurred on public roadways in Michigan and resulted in injuries, fatalities, or property damage (with $1,000 as a reporting threshold). The information was gathered from Michigan Traffic Crash Report Forms (UD-10) submitted by local police departments, sheriff's offices, and the Michigan State Police. Other related information was obtained from the departments of Transportation, State, and Community Health.

Muskegon County



Crashes by most severe injury (mapped/actual)
▲ K - Fatal (19/19)
● A - Suspected Serious (99/99)

2024 - Crashes and Injury by Month

Month	Crashes				People	
	Total	Fatal	Injury	Property Damage Only (PDO)	Fatalities	Injuries
January	462	1	61	400	1	91
February	272	0	41	231	0	52
March	298	0	57	241	0	75
April	305	3	59	243	3	88
May	356	3	67	286	3	86
June	413	2	71	340	2	102
July	327	1	74	252	1	104
August	343	3	82	258	3	116
September	369	3	75	291	4	114
October	455	1	77	377	1	96
November	505	2	75	428	3	103
December	535	0	67	468	0	96
Total	**4,640**	**19**	**806**	**3,815**	**21**	**1,123**

2024 - Driver Statistics

Age Group	Muskegon County			Driver Rates	
	2024 Population	Licensed Drivers	Drivers in Crashes	Per 10k Population	Per 10k Licensed
0 - 15	34,015	786	14	4.1	178.1
16 - 17	4,744	2,795	314	661.9	1,123.4
18 - 24	14,101	12,376	1,192	845.3	963.2
25 - 44	46,653	41,717	2,777	595.2	665.7
45 - 64	43,501	39,427	1,889	434.2	479.1
65 +	34,414	35,222	985	286.2	279.7
Unknown	0	0	570	- -	- -
Total	**177,428**	**132,323**	**7,741**	**436.3**	**585.0**

2024 - Vehicles in Crashes

Vehicle Type	Motor Vehicles		Fatal Crashes		Injury Crashes	PDO Crashes
	Number of Vehicles	% of Total	Number	% of Total	Number	Number
Passenger Car, SUV, Van	6,293	81.3	25	69.4	1,136	5,132
Motor Home	20	0.3	0	0.0	1	19
Pickup Truck	914	11.8	4	11.1	161	749
Small Truck Under 10,000 lbs. GVWR	39	0.5	0	0.0	8	31
Motorcycle	77	1.0	4	11.1	58	15
Moped/Goped	14	0.2	0	0.0	10	4
Go-Cart/Golf Cart	1	0.0	0	0.0	1	0
Snowmobile	0	0.0	0	0.0	0	0
Off-Road Vehicle (ORV)/All-Terrain Vehicle (ATV)	12	0.2	0	0.0	10	2
Other (non-registered farm equipment, construction equipment, snow plows, etc.)	42	0.5	0	0.0	11	31
Truck/Bus (over 10,000 lbs. GVWR/8+ occupants/hazmat placard)	153	2.0	3	8.3	26	124
Uncoded & Errors	176	2.3	0	0.0	8	168
Total	**7,741**	**100.0**	**36**	**100.0**	**1,430**	**6,275**

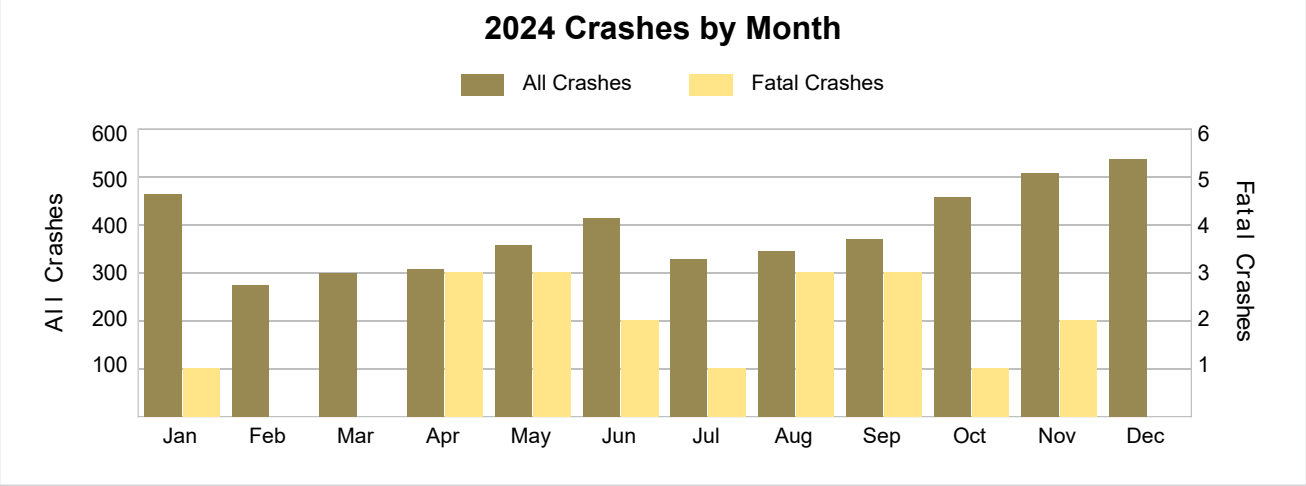
Muskegon County (continued)

5-Year Trend - Crashes by Month

Month	2020		2021		2022		2023		2024	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
January	405	0	365	0	437	2	448	2	462	1
February	408	2	442	0	332	1	346	1	272	0
March	225	1	309	1	329	1	350	4	298	0
April	168	0	304	1	291	1	314	1	305	3
May	269	2	357	5	351	4	378	1	356	3
June	390	2	393	0	351	0	381	2	413	2
July	395	4	377	4	406	1	388	1	327	1
August	367	4	362	3	341	1	368	1	343	3
September	381	4	374	1	380	2	381	2	369	3
October	449	1	480	0	466	1	545	2	455	1
November	394	1	505	1	530	2	499	4	505	2
December	391	2	405	1	516	1	376	0	535	0
Total	**4,242**	**23**	**4,673**	**17**	**4,730**	**17**	**4,774**	**21**	**4,640**	**19**

5-Year Trend - Crashes by Day of Week

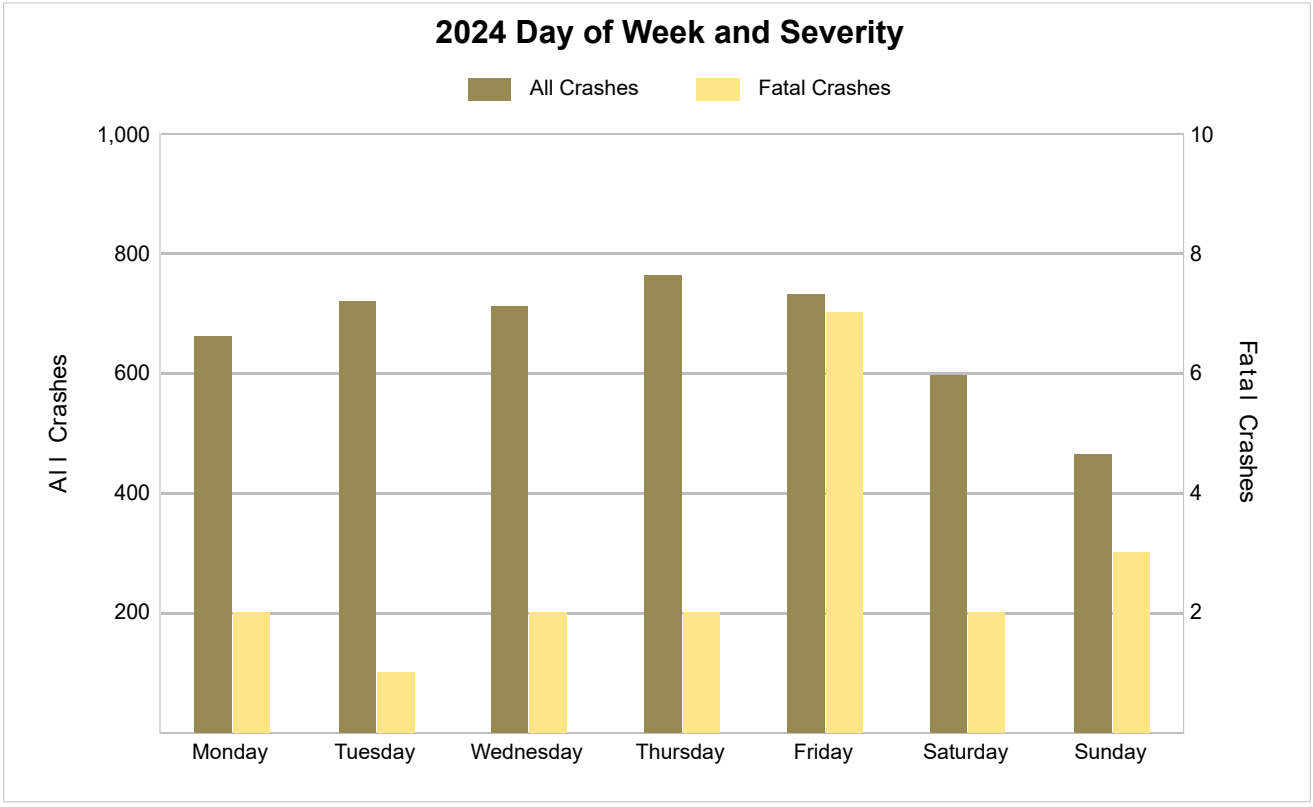
Day	2020		2021		2022		2023		2024	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Monday	564	4	678	4	647	3	763	2	660	2
Tuesday	578	2	689	2	691	2	740	2	719	1
Wednesday	622	5	657	1	686	2	679	3	710	2
Thursday	694	2	698	1	706	2	678	6	762	2
Friday	679	2	754	2	816	3	760	2	730	7
Saturday	599	3	619	3	674	3	608	0	595	2
Sunday	506	5	578	4	510	2	546	6	464	3
Total	**4,242**	**23**	**4,673**	**17**	**4,730**	**17**	**4,774**	**21**	**4,640**	**19**



Muskegon County (continued)

2024 - Crashes by Day of Week

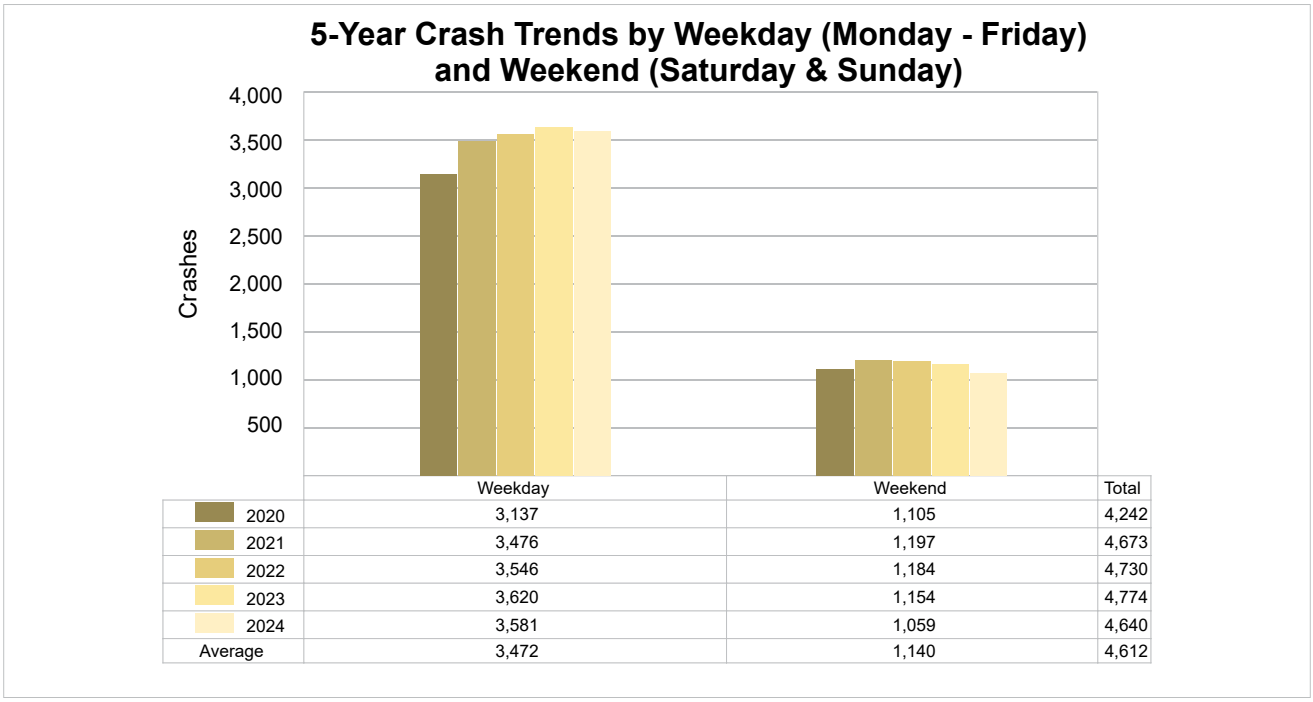
Day	All Crashes		Fatal Crashes		Injury Crashes			PDO Crashes
	Number	% of Total	Fatal	% of Fatal	A	B	C	Number
Monday	660	14.2	2	10.5	15	40	63	540
Tuesday	719	15.5	1	5.3	16	35	67	600
Wednesday	710	15.3	2	10.5	16	39	71	582
Thursday	762	16.4	2	10.5	6	35	63	656
Friday	730	15.7	7	36.8	16	39	79	589
Saturday	595	12.8	2	10.5	16	41	50	486
Sunday	464	10.0	3	15.8	14	40	45	362
Total	**4,640**	**100.0**	**19**	**100.0**	**99**	**269**	**438**	**3,815**



Muskegon County (continued)

5-Year Trend - Crashes by Weekday and Weekend

Portion of Week	2020		2021		2022		2023		2024	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Weekday	3,137	15	3,476	10	3,546	12	3,620	15	3,581	14
Weekend	1,105	8	1,197	7	1,184	5	1,154	6	1,059	5
Total	**4,242**	**23**	**4,673**	**17**	**4,730**	**17**	**4,774**	**21**	**4,640**	**19**



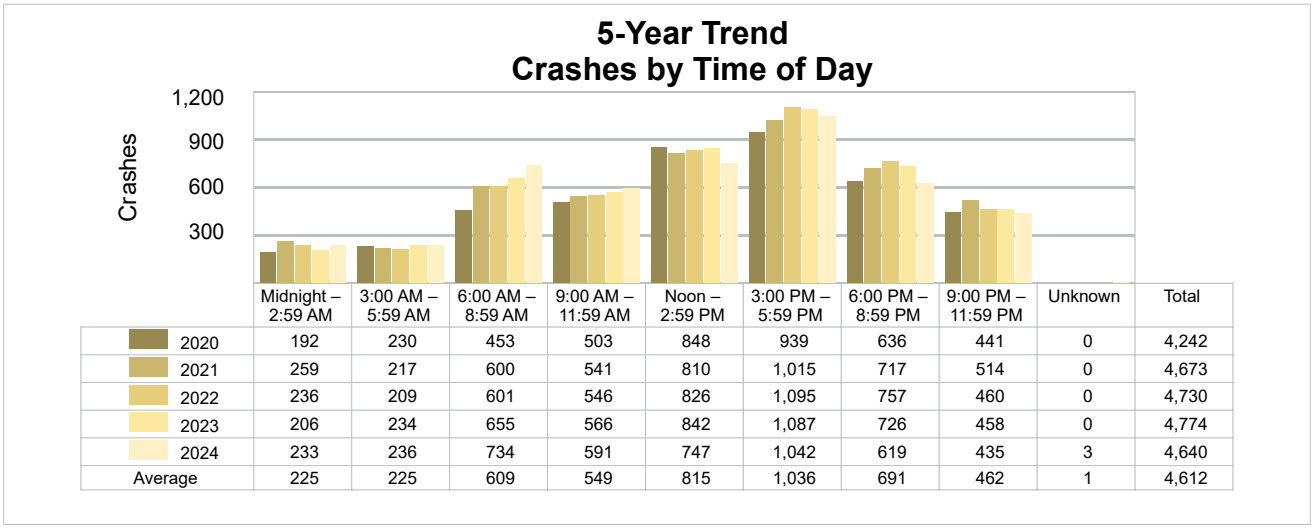
	Weekday	Weekend	Total
2020	3,137	1,105	4,242
2021	3,476	1,197	4,673
2022	3,546	1,184	4,730
2023	3,620	1,154	4,774
2024	3,581	1,059	4,640
Average	3,472	1,140	4,612

Muskegon County (continued)

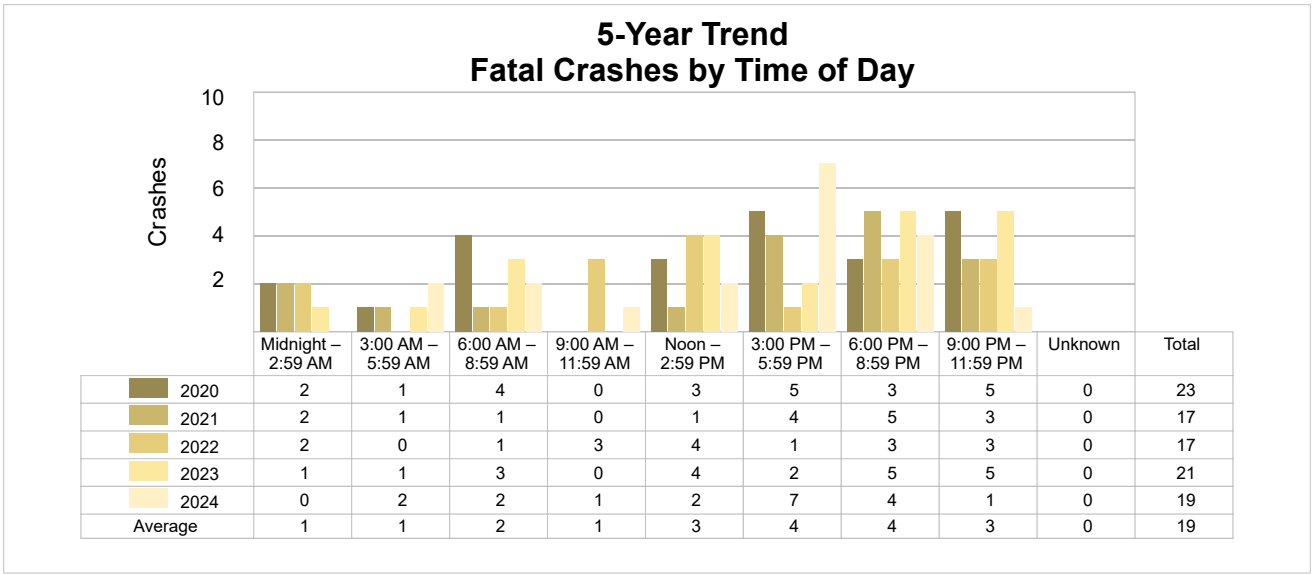
5-Year Trend - Crashes by Time of Day

Time of Day	2020		2021		2022		2023		2024	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Midnight – 2:59 AM	192	2	259	2	236	2	206	1	233	0
3:00 AM – 5:59 AM	230	1	217	1	209	0	234	1	236	2
6:00 AM – 8:59 AM	453	4	600	1	601	1	655	3	734	2
9:00 AM – 11:59 AM	503	0	541	0	546	3	566	0	591	1
Noon – 2:59 PM	848	3	810	1	826	4	842	4	747	2
3:00 PM – 5:59 PM	939 †	5	1,015 †	4	1,095 †	1	1,087 †	2	1,042 †	7
6:00 PM – 8:59 PM	636	3	717	5	757	3	726	5	619	4
9:00 PM – 11:59 PM	441	5	514	3	460	3	458	5	435	1
Unknown	0	0	0	0	0	0	0	0	3	0
Total	**4,242**	**23**	**4,673**	**17**	**4,730**	**17**	**4,774**	**21**	**4,640**	**19**

Note: † Indicates that the highest number of total crashes reported in the 5-year period occurred in the same time period.



	Midnight – 2:59 AM	3:00 AM – 5:59 AM	6:00 AM – 8:59 AM	9:00 AM – 11:59 AM	Noon – 2:59 PM	3:00 PM – 5:59 PM	6:00 PM – 8:59 PM	9:00 PM – 11:59 PM	Unknown	Total
2020	192	230	453	503	848	939	636	441	0	4,242
2021	259	217	600	541	810	1,015	717	514	0	4,673
2022	236	209	601	546	826	1,095	757	460	0	4,730
2023	206	234	655	566	842	1,087	726	458	0	4,774
2024	233	236	734	591	747	1,042	619	435	3	4,640
Average	225	225	609	549	815	1,036	691	462	1	4,612

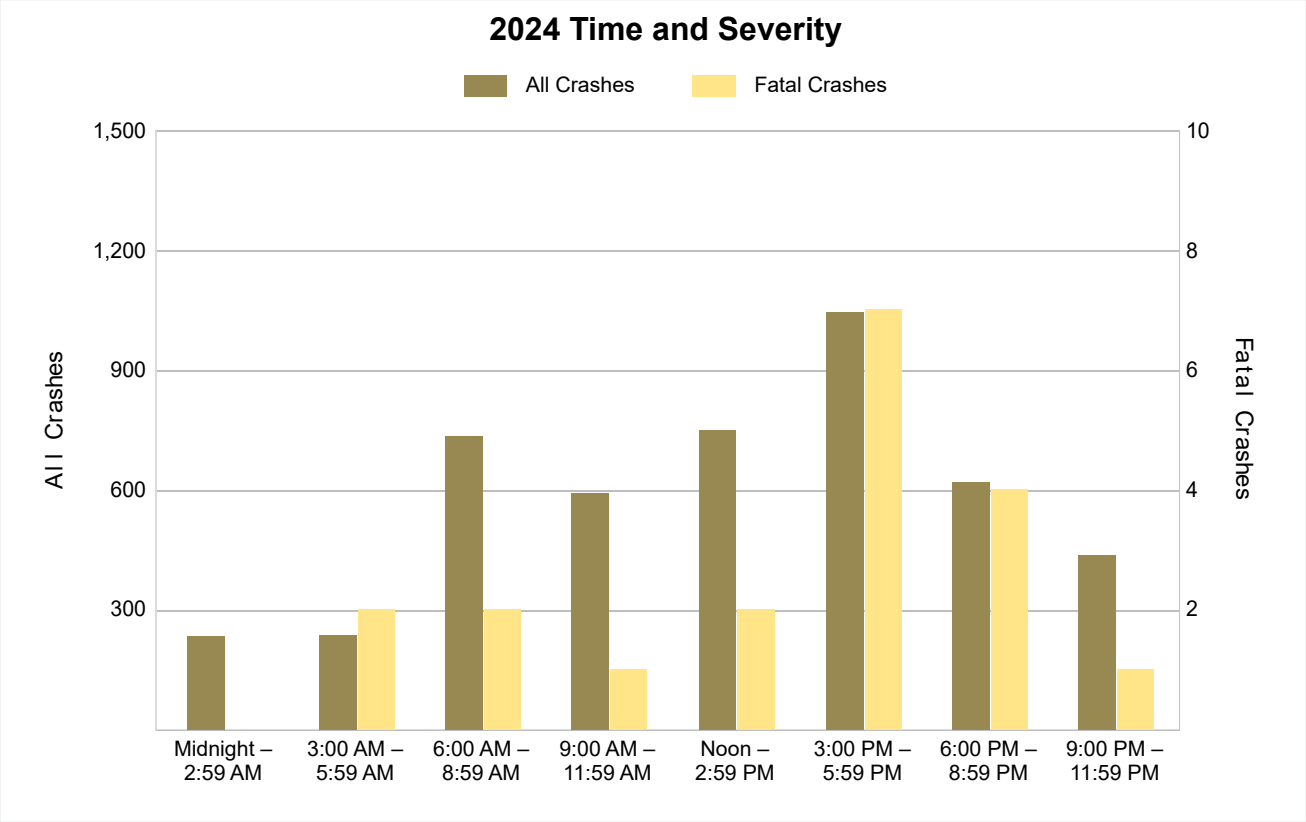


	Midnight – 2:59 AM	3:00 AM – 5:59 AM	6:00 AM – 8:59 AM	9:00 AM – 11:59 AM	Noon – 2:59 PM	3:00 PM – 5:59 PM	6:00 PM – 8:59 PM	9:00 PM – 11:59 PM	Unknown	Total
2020	2	1	4	0	3	5	3	5	0	23
2021	2	1	1	0	1	4	5	3	0	17
2022	2	0	1	3	4	1	3	3	0	17
2023	1	1	3	0	4	2	5	5	0	21
2024	0	2	2	1	2	7	4	1	0	19
Average	1	1	2	1	3	4	4	3	0	19

Muskegon County (continued)

2024 - Time and Severity

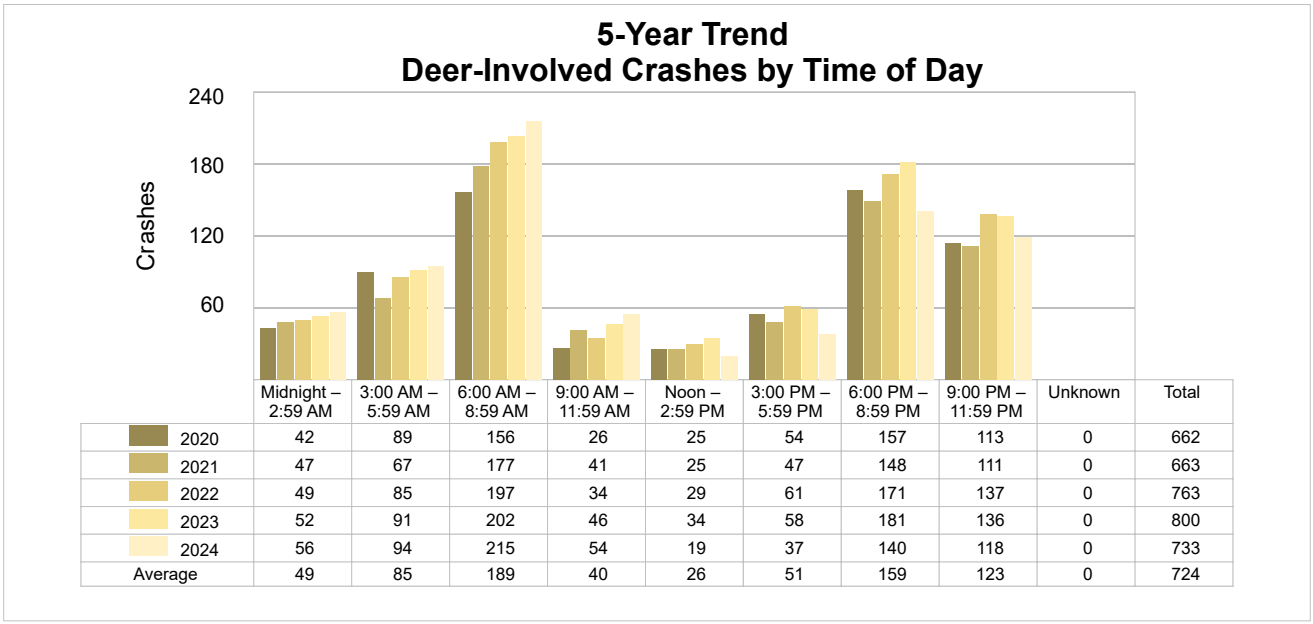
Time of Day	All Crashes		Fatal Crashes		Injury Crashes			PDO Crashes
	Number	% of Total	Number	% of Fatal	A	B	C	Number
Midnight – 2:59 AM	233	5.0	0	0.0	9	15	18	191
3:00 AM – 5:59 AM	236	5.1	2	10.5	7	7	19	201
6:00 AM – 8:59 AM	734	15.8	2	10.5	13	35	64	620
9:00 AM – 11:59 AM	591	12.7	1	5.3	9	35	63	483
Noon – 2:59 PM	747	16.1	2	10.5	10	49	81	605
3:00 PM – 5:59 PM	1,042	22.5	7	36.8	27	69	100	839
6:00 PM – 8:59 PM	619	13.3	4	21.1	16	36	52	511
9:00 PM – 11:59 PM	435	9.4	1	5.3	8	23	41	362
Unknown	3	0.1	0	0.0	0	0	0	3
Total	**4,640**	**100.0**	**19**	**100.0**	**99**	**269**	**438**	**3,815**

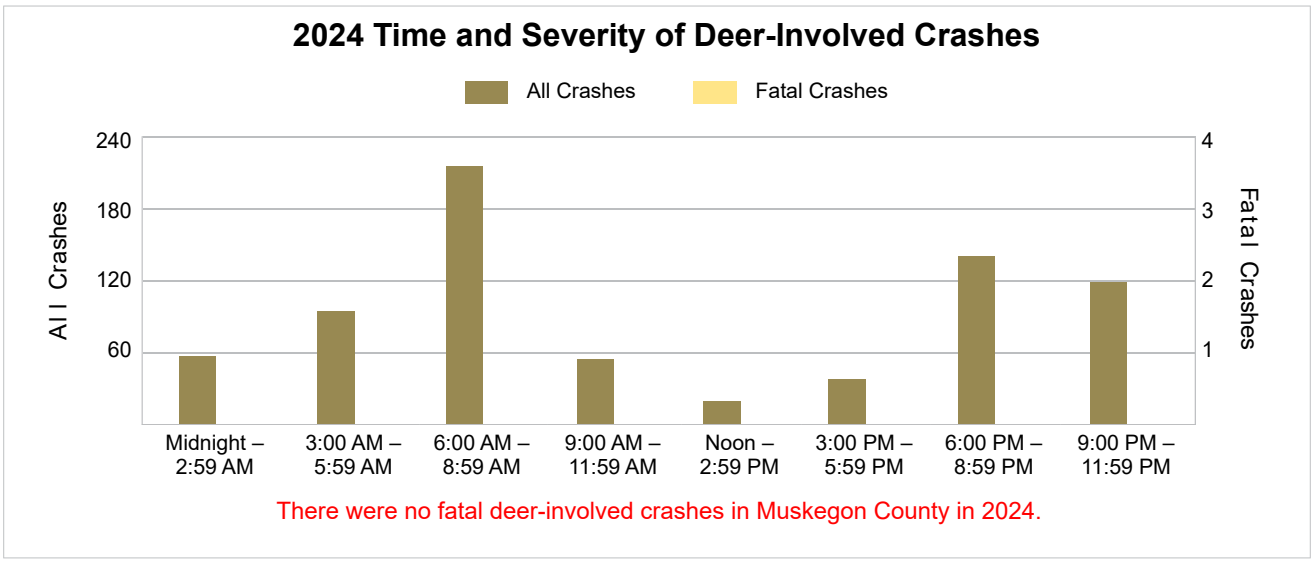


Muskegon County (continued)

5-Year Trend - Deer-Involved Crashes by Time of Day

Time of Day	2020		2021		2022		2023		2024	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Midnight – 2:59 AM	42	0	47	0	49	0	52	0	56	0
3:00 AM – 5:59 AM	89	0	67	0	85	0	91	0	94	0
6:00 AM – 8:59 AM	156	0	177	0	197	0	202	0	215	0
9:00 AM – 11:59 AM	26	0	41	0	34	0	46	0	54	0
Noon – 2:59 PM	25	0	25	0	29	0	34	0	19	0
3:00 PM – 5:59 PM	54	0	47	0	61	0	58	0	37	0
6:00 PM – 8:59 PM	157	0	148	0	171	0	181	0	140	0
9:00 PM – 11:59 PM	113	0	111	0	137	0	136	0	118	0
Unknown	0	0	0	0	0	0	0	0	0	0
Total	**662**	**0**	**663**	**0**	**763**	**0**	**800**	**0**	**733**	**0**

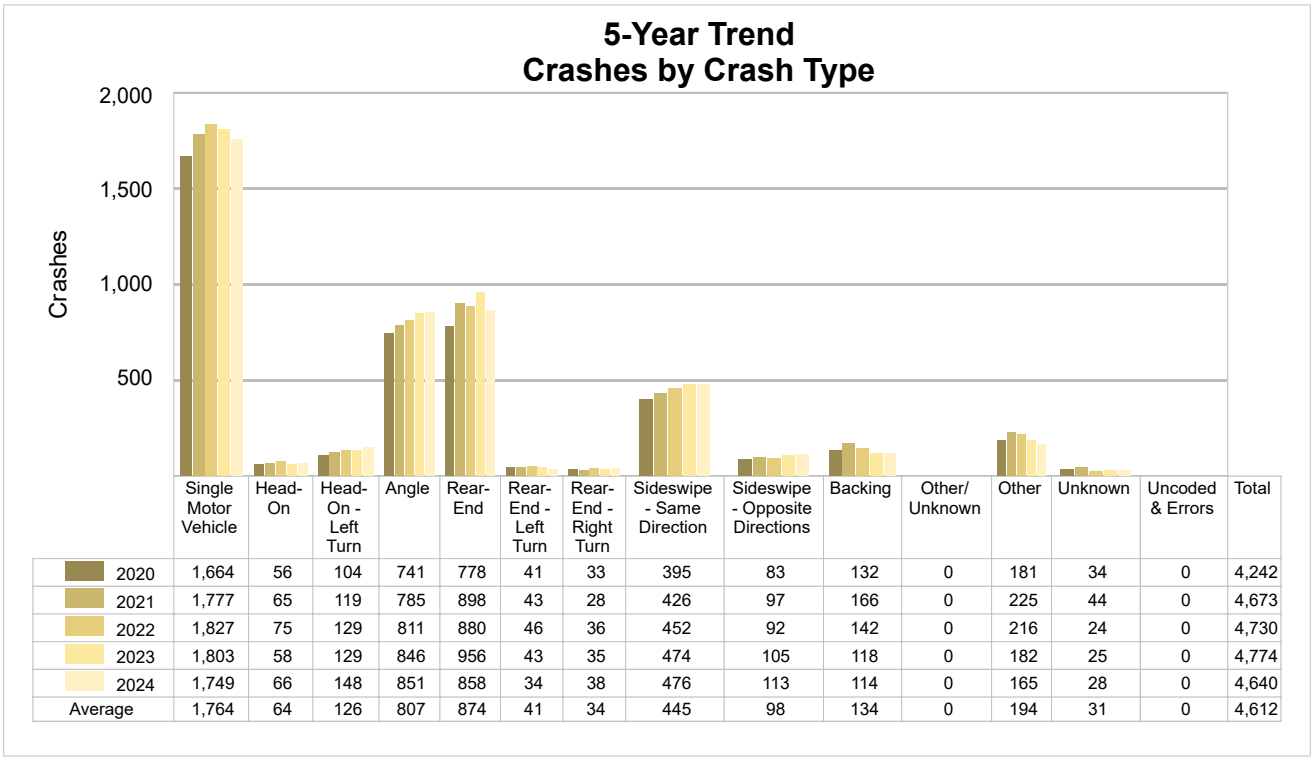




Muskegon County (continued)

5-Year Trend - Crashes by Crash Type

Crash Type	2020		2021		2022		2023		2024	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Single Motor Vehicle	1,664	15	1,777	7	1,827	11	1,803	12	1,749	6
Head-On	56	0	65	0	75	0	58	2	66	2
Head-On - Left Turn	104	2	119	1	129	1	129	1	148	3
Angle	741	2	785	6	811	4	846	3	851	7
Rear-End	778	3	898	0	880	1	956	2	858	0
Rear-End - Left Turn	41	0	43	1	46	0	43	0	34	0
Rear-End - Right Turn	33	0	28	0	36	0	35	0	38	0
Sideswipe - Same Direction	395	0	426	2	452	0	474	0	476	0
Sideswipe - Opposite Directions	83	1	97	0	92	0	105	1	113	0
Backing	132	0	166	0	142	0	118	0	114	0
Other/Unknown	0	0	0	0	0	0	0	0	0	0
Other	181	0	225	0	216	0	182	0	165	1
Unknown	34	0	44	0	24	0	25	0	28	0
Uncoded & Errors	0	0	0	0	0	0	0	0	0	0
Total	**4,242**	**23**	**4,673**	**17**	**4,730**	**17**	**4,774**	**21**	**4,640**	**19**

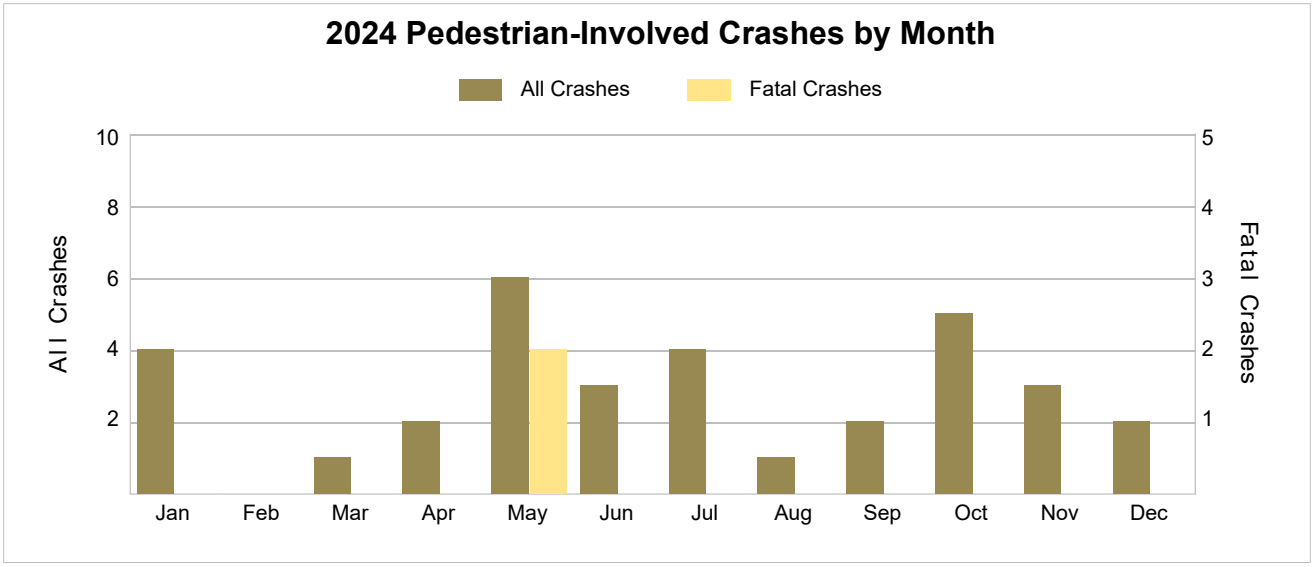


	Single Motor Vehicle	Head-On	Head-On - Left Turn	Angle	Rear-End	Rear-End - Left Turn	Rear-End - Right Turn	Sideswipe - Same Direction	Sideswipe - Opposite Directions	Backing	Other/ Unknown	Other	Unknown	Uncoded & Errors	Total
2020	1,664	56	104	741	778	41	33	395	83	132	0	181	34	0	4,242
2021	1,777	65	119	785	898	43	28	426	97	166	0	225	44	0	4,673
2022	1,827	75	129	811	880	46	36	452	92	142	0	216	24	0	4,730
2023	1,803	58	129	846	956	43	35	474	105	118	0	182	25	0	4,774
2024	1,749	66	148	851	858	34	38	476	113	114	0	165	28	0	4,640
Average	1,764	64	126	807	874	41	34	445	98	134	0	194	31	0	4,612

Muskegon County (continued)

5-Year Trend - Pedestrian-Involved Crashes by Month

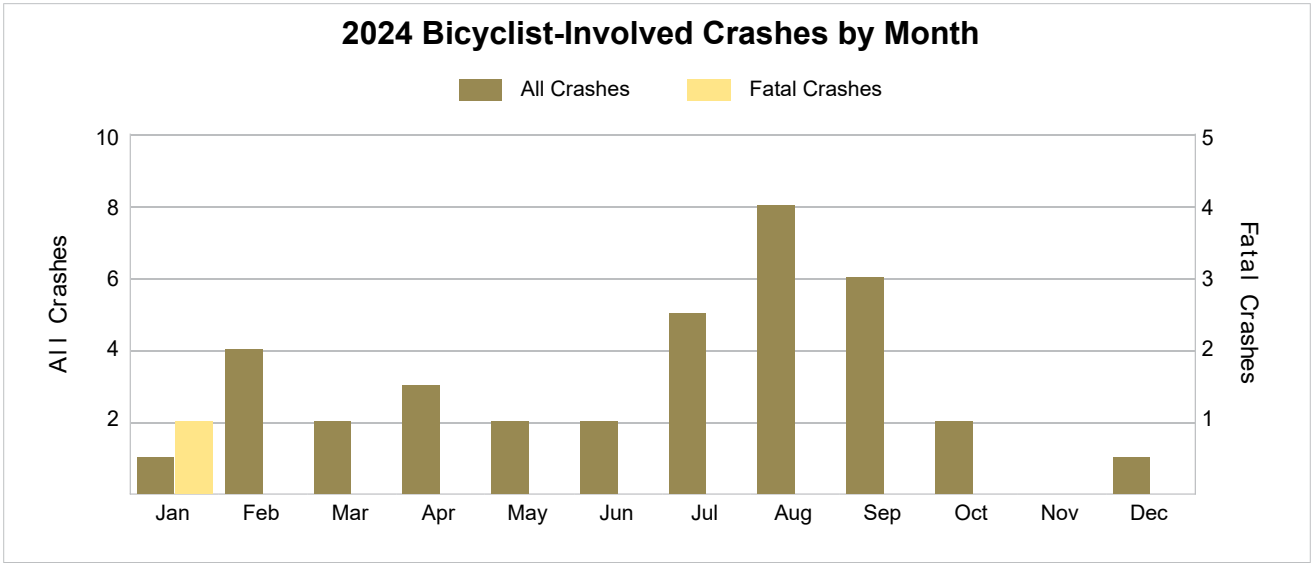
Month	2020		2021		2022		2023		2024	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
January	2	0	3	0	0	0	9	1	4	0
February	0	0	3	0	0	0	1	0	0	0
March	2	0	1	0	1	0	0	0	1	0
April	0	0	2	0	1	0	3	0	2	0
May	0	0	2	0	3	0	1	0	6	2
June	2	0	1	0	1	0	3	0	3	0
July	4	0	0	0	1	0	0	0	4	0
August	5	1	1	0	1	0	3	0	1	0
September	2	0	3	0	3	1	3	0	2	0
October	1	0	3	0	6	0	3	1	5	0
November	3	0	3	0	2	0	4	1	3	0
December	2	1	1	0	1	0	3	0	2	0
Total	**23**	**2**	**23**	**0**	**20**	**1**	**33**	**3**	**33**	**2**



Muskegon County (continued)

5-Year Trend - Bicyclist-Involved Crashes by Month

Month	2020		2021		2022		2023		2024	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
January	0	0	0	0	0	0	0	0	1	1
February	1	0	0	0	0	0	0	0	4	0
March	0	0	0	0	1	0	1	0	2	0
April	4	0	0	0	2	0	3	0	3	0
May	1	0	3	1	1	0	5	0	2	0
June	5	1	3	0	7	0	3	0	2	0
July	3	0	1	0	2	0	3	0	5	0
August	2	0	4	0	1	0	7	0	8	0
September	2	0	4	0	4	0	5	0	6	0
October	3	0	3	0	4	0	2	0	2	0
November	1	0	0	0	2	1	1	0	0	0
December	1	1	0	0	0	0	0	0	1	0
Total	**23**	**2**	**18**	**1**	**24**	**1**	**30**	**0**	**36**	**1**



Muskegon County (continued)

2024 - Reported Motor Vehicle Crashes by Municipality

Municipality	Crashes												
	Total	Fatal	Injury	Property Damage	Inter-State	US Route	State Route	Local Street	Alcohol-Involved	Drug-Involved	Deer-Involved	Pedestrian-Involved	Bicyclist-Involved
Blue Lake Twp.	42	0	11	31	0	0	0	42	2	0	13	0	0
Casnovia	4	0	1	3	0	0	4	0	1	0	2	0	0
Casnovia Twp.	110	0	16	94	0	0	66	44	5	2	47	0	0
Cedar Creek Twp.	56	0	8	48	0	0	8	48	4	3	21	0	0
Dalton Twp.	265	1	49	215	0	96	60	109	9	2	63	1	0
Egelston Twp.	130	1	40	89	0	0	51	79	13	2	18	1	1
Fruitland Twp.	97	1	11	85	0	6	0	91	4	1	41	0	0
Fruitport	37	0	4	33	0	0	0	37	7	1	1	0	1
Fruitport Twp.	314	0	47	267	87	7	0	217	9	5	70	2	2
Holton Twp.	81	1	12	68	0	0	37	44	5	1	27	0	1
Laketon Twp.	76	0	11	65	0	0	0	76	5	0	25	1	0
Lakewood Club	21	0	9	12	0	4	0	17	2	0	5	0	0
Montague	22	0	3	19	0	9	0	13	1	0	6	1	1
Montague Twp.	83	0	9	74	0	46	0	37	3	0	42	0	0
Moorland Twp.	80	0	7	73	0	0	31	49	5	1	41	0	0
Muskegon	1,145	5	225	915	0	256	146	741	54	15	34	20	11
Muskegon Heights	232	2	48	182	0	14	0	217	7	4	1	2	4
Muskegon Twp.	595	3	112	480	0	139	219	237	24	5	30	4	6
North Muskegon	31	0	4	27	0	0	7	24	1	0	3	0	0
Norton Shores	777	2	117	658	2	344	0	431	11	4	75	1	7
Ravenna	10	0	3	7	0	0	0	10	0	0	1	0	0
Ravenna Twp.	91	1	9	81	0	0	0	91	2	0	56	0	0
Roosevelt Park	24	0	4	20	0	0	0	24	1	0	0	0	0
Sullivan Twp.	104	2	16	86	0	0	0	104	7	0	40	0	0
White River Twp.	28	0	3	25	0	0	0	28	2	0	17	0	0
Whitehall	55	0	7	48	0	25	0	30	3	1	10	0	1
Whitehall Twp.	130	0	20	110	0	81	0	49	2	0	44	0	1
Total	**4,640**	**19**	**806**	**3,815**	**89**	**1,027**	**629**	**2,889**	**189**	**47**	**733**	**33**	**36**

Muskegon County (continued)

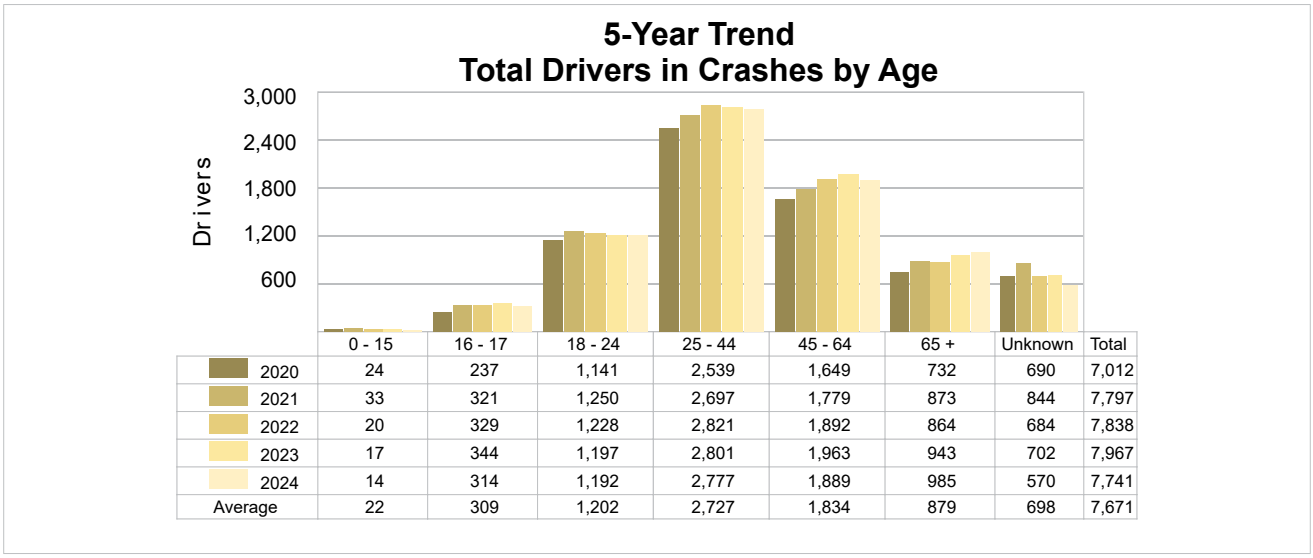
2024 - People in Reported Motor Vehicle Crashes by Municipality

Municipality	People					
	Fatalities	Suspected Serious Injuries	Suspected Minor Injuries	Possible Injuries	No Injuries	Uncoded & Errors
Blue Lake Twp.	0	4	5	3	50	0
Casnovia	0	0	2	0	4	0
Casnovia Twp.	0	0	9	9	136	4
Cedar Creek Twp.	0	1	5	4	59	2
Dalton Twp.	1	8	30	37	364	16
Egelston Twp.	1	10	16	31	184	11
Fruitland Twp.	1	1	4	8	111	1
Fruitport	0	2	1	2	68	1
Fruitport Twp.	0	15	9	36	464	17
Holton Twp.	1	5	12	5	109	3
Laketon Twp.	0	1	4	6	103	5
Lakewood Club	0	3	1	7	23	0
Montague	0	0	1	2	36	0
Montague Twp.	0	1	2	6	102	1
Moorland Twp.	0	0	4	7	95	2
Muskegon	5	24	111	181	2,137	239
Muskegon Heights	2	2	10	46	332	100
Muskegon Twp.	3	20	53	107	1,023	43
North Muskegon	0	0	1	3	49	8
Norton Shores	3	17	48	89	1,280	59
Ravenna	0	0	0	4	13	2
Ravenna Twp.	2	1	8	7	107	0
Roosevelt Park	0	1	1	2	37	6
Sullivan Twp.	2	5	9	12	137	2
White River Twp.	0	0	1	2	30	0
Whitehall	0	0	3	7	99	0
Whitehall Twp.	0	5	9	15	183	5
Total	**21**	**126**	**359**	**638**	**7,335**	**527**

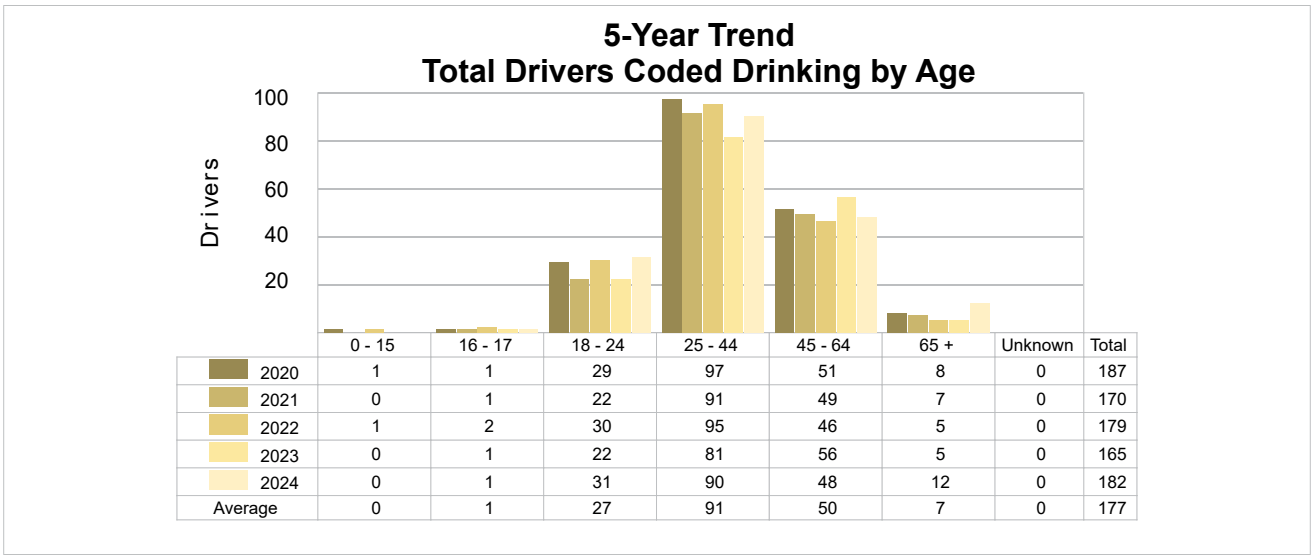
Muskegon County (continued)

5-Year Trend - Drivers in Crashes Coded Drinking by Driver Age

Driver Age	2020		2021		2022		2023		2024	
	Total Drivers in Crashes	Total Drivers Coded Drinking	Total Drivers in Crashes	Total Drivers Coded Drinking	Total Drivers in Crashes	Total Drivers Coded Drinking	Total Drivers in Crashes	Total Drivers Coded Drinking	Total Drivers in Crashes	Total Drivers Coded Drinking
0 - 15	24	1	33	0	20	1	17	0	14	0
16 - 17	237	1	321	1	329	2	344	1	314	1
18 - 24	1,141	29	1,250	22	1,228	30	1,197	22	1,192	31
25 - 44	2,539	97	2,697	91	2,821	95	2,801	81	2,777	90
45 - 64	1,649	51	1,779	49	1,892	46	1,963	56	1,889	48
65 +	732	8	873	7	864	5	943	5	985	12
Unknown	690	0	844	0	684	0	702	0	570	0
Total	**7,012**	**187**	**7,797**	**170**	**7,838**	**179**	**7,967**	**165**	**7,741**	**182**



	0 - 15	16 - 17	18 - 24	25 - 44	45 - 64	65 +	Unknown	Total
2020	24	237	1,141	2,539	1,649	732	690	7,012
2021	33	321	1,250	2,697	1,779	873	844	7,797
2022	20	329	1,228	2,821	1,892	864	684	7,838
2023	17	344	1,197	2,801	1,963	943	702	7,967
2024	14	314	1,192	2,777	1,889	985	570	7,741
Average	22	309	1,202	2,727	1,834	879	698	7,671



	0 - 15	16 - 17	18 - 24	25 - 44	45 - 64	65 +	Unknown	Total
2020	1	1	29	97	51	8	0	187
2021	0	1	22	91	49	7	0	170
2022	1	2	30	95	46	5	0	179
2023	0	1	22	81	56	5	0	165
2024	0	1	31	90	48	12	0	182
Average	0	1	27	91	50	7	0	177

Muskegon County (continued)

2024 - BAC Results Among All Vehicle Drivers in Alcohol-Involved Crashes by Age

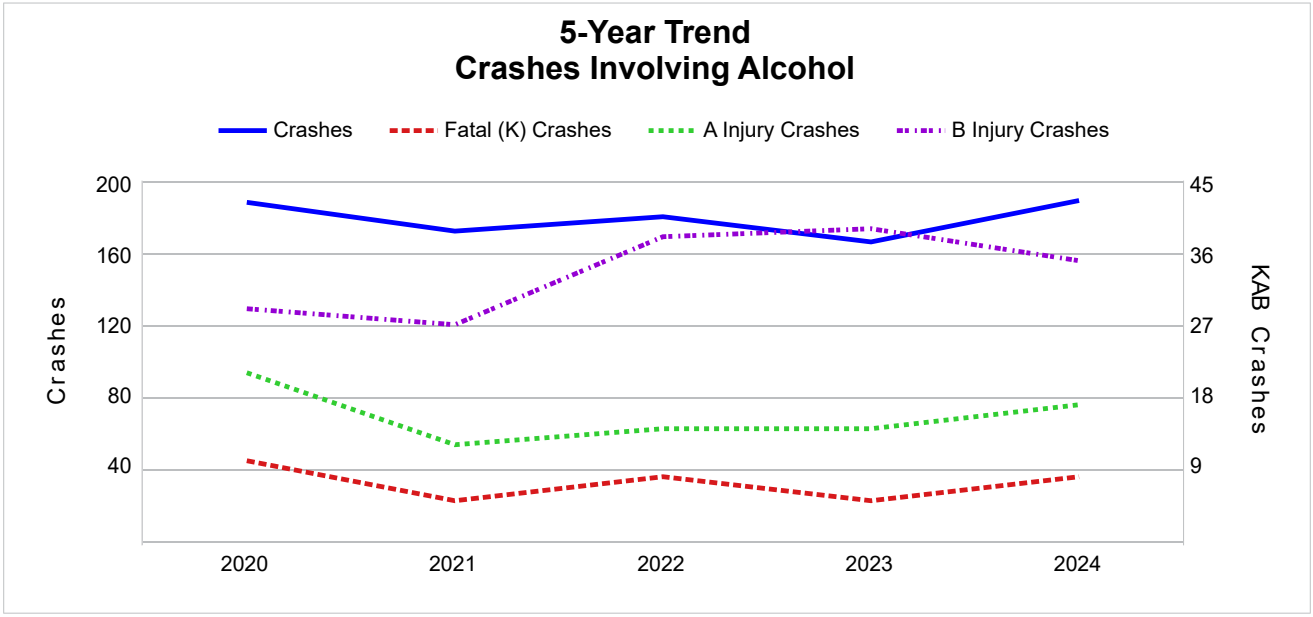
Age Group	Drivers				BAC Result Range for Drivers Coded Drinking				
	Total Drivers in Alcohol-Involved Crashes	Total Drivers Tested in all Crashes	Total Drivers Coded Drinking, Tested	Total Drivers Coded Drinking	BAC = 0.00	BAC 0.01 g/dL to 0.07 g/dL	BAC 0.08 g/dL to 0.16 g/dL	BAC 0.17 g/dL and Above	BAC Not Reported
0 - 15	0	0	0	0	0	0	0	0	0
16 - 17	4	4	1	1	0	1	0	0	0
18 - 24	44	26	26	31	0	4	11	8	8
25 - 44	121	98	79	90	0	5	30	40	15
45 - 64	76	64	45	48	0	3	22	20	3
65 +	21	21	12	12	1	2	3	5	1
Unknown	23	0	0	0	0	0	0	0	0
Total	**289**	**213**	**163**	**182**	**1**	**15**	**66**	**73**	**27**

Notes: BAC refers to Bodily Alcohol Concentration as used in impaired driving law. This is the same as Blood Alcohol Content.
BAC measured in grams (g) per deciliter (dL).
BAC may not be reported if drivers are not tested or if the results are not available immediately (as in the case of a blood test).
A driver may be coded by the officer as drinking even though no test is administered.

5-Year Trend - Crashes Involving Alcohol

Year	All Crashes	HBD Crashes	% HBD	Fatal Crashes	HBD Fatal Crashes	% HBD	A Injury Crashes	HBD A Injury Crashes	% HBD	B Injury Crashes	HBD B Injury Crashes	% HBD
2020	4,242	188	4.4	23	10	43.5	84	21	25.0	282	29	10.3
2021	4,673	172	3.7	17	5	29.4	85	12	14.1	290	27	9.3
2022	4,730	180	3.8	17	8	47.1	73	14	19.2	289	38	13.1
2023	4,774	166	3.5	21	5	23.8	72	14	19.4	312	39	12.5
2024	4,640	189 **	4.1	19	8	42.1	99 **	17	17.2	269 *	35	13.0

Notes: HBD refers to Had Been Drinking.
* Indicates that the most recent year is the lowest number or percentage reported in the 5-year period in that column.
** Indicates that the most recent year is the highest number or percentage reported in the 5-year period in that column.

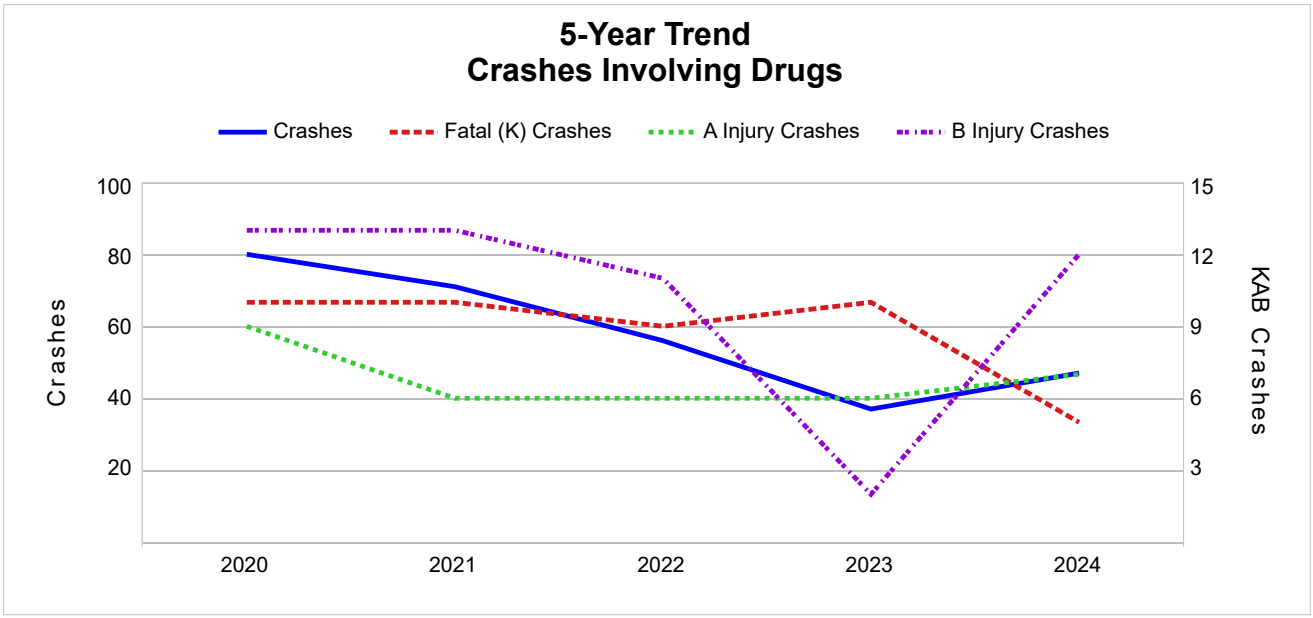


Muskegon County (continued)

5-Year Trend - Crashes Involving Drugs

Year	All Crashes	Drug Crashes	% Drug	Fatal Crashes	Drug Fatal Crashes	% Drug	A Injury Crashes	Drug A Injury Crashes	% Drug	B Injury Crashes	Drug B Injury Crashes	% Drug
2020	4,242	80	1.9	23	10	43.5	84	9	10.7	282	13	4.6
2021	4,673	71	1.5	17	10	58.8	85	6	7.1	290	13	4.5
2022	4,730	56	1.2	17	9	52.9	73	6	8.2	289	11	3.8
2023	4,774	37	0.8	21	10	47.6	72	6	8.3	312	2	0.6
2024	4,640	47	1.0	19	5 *	26.3 *	99 **	7	7.1	269 *	12	4.5

Notes: * Indicates that the most recent year is the lowest number or percentage reported in the 5-year period in that column.
** Indicates that the most recent year is the highest number or percentage reported in the 5-year period in that column.

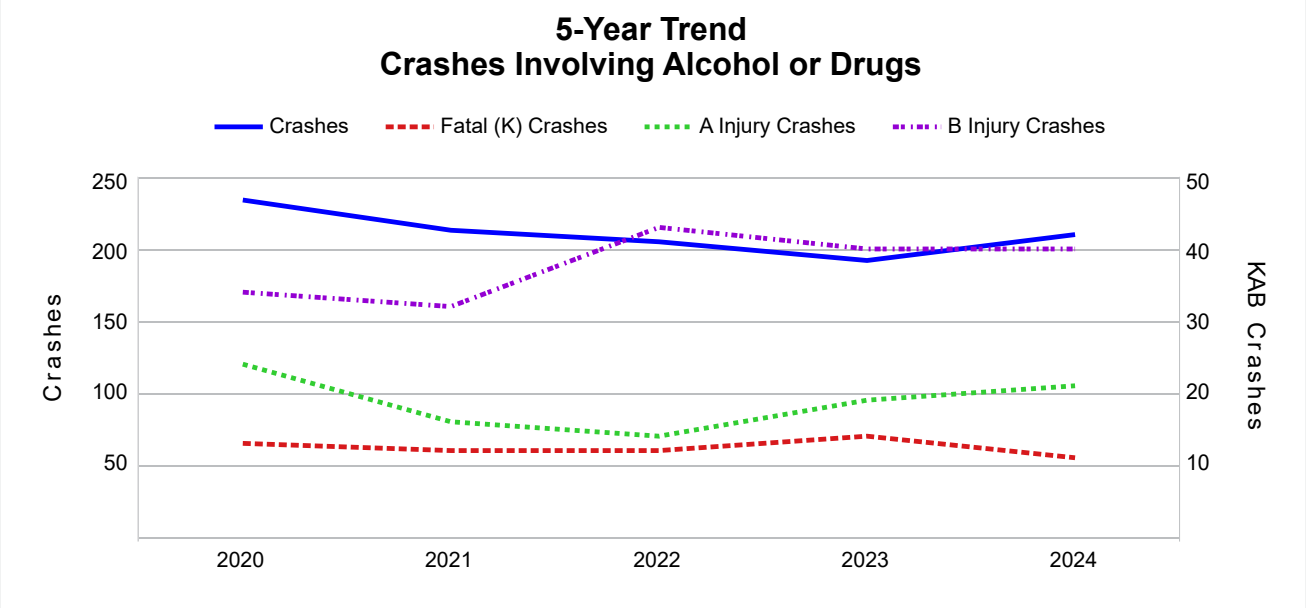


Muskegon County (continued)

5-Year Trend - Crashes Involving Alcohol or Drugs

Year	All Crashes	HBD or Drug Crashes	% HBD or Drug	Fatal Crashes	HBD or Drug Fatal Crashes	% HBD or Drug	A Injury Crashes	HBD or Drug A Injury Crashes	% HBD or Drug	B Injury Crashes	HBD or Drug B Injury Crashes	% HBD or Drug
2020	4,242	234	5.5	23	13	56.5	84	24	28.6	282	34	12.1
2021	4,673	213	4.6	17	12	70.6	85	16	18.8	290	32	11.0
2022	4,730	205	4.3	17	12	70.6	73	14	19.2	289	43	14.9
2023	4,774	192	4.0	21	14	66.7	72	19	26.4	312	40	12.8
2024	4,640	210	4.5	19	11 *	57.9	99 **	21	21.2	269 *	40	14.9

Notes: HBD refers to Had Been Drinking.
* Indicates that the most recent year is the lowest number or percentage reported in the 5-year period in that column.
** Indicates that the most recent year is the highest number or percentage reported in the 5-year period in that column.



Muskegon County (continued)

2024 - Restraints Worn Among Vehicle Drivers and Injured Passengers by Vehicle Type

Vehicle Type	Total Occupants			Fatalities			A - Suspected Serious			B - Suspected Minor			C - Possible Injury			No Injury		
	Total	Used Restraint	%	Total	Used Restraint	%	Total	Used Restraint	%	Total	Used Restraint	%	Total	Used Restraint	%	Total	Used Restraint	%
Passenger Car, SUV, Van	6,535	5,454	83.5	14	7	50.0	78	58	74.4	258	212	82.2	531	454	85.5	5,348	4,722	88.3
Motor Home	20	15	75.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	18	15	83.3
Pickup Truck	936	799	85.4	0	0	0.0	8	5	62.5	29	24	82.8	58	50	86.2	802	720	89.8
Small Truck Under 10,000 lbs. GVWR	41	31	75.6	0	0	0.0	2	0	0.0	0	0	0.0	3	3	100.0	32	28	87.5
Motorcycle	81	49	60.5	4	2	50.0	17	11	64.7	30	19	63.3	14	8	57.1	13	9	69.2
Moped/Goped	14	7	50.0	0	0	0.0	2	0	0.0	4	2	50.0	4	3	75.0	4	2	50.0
Go-Cart/Golf Cart	1	0	0.0	0	0	0.0	1	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0
Snowmobile	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0
Off-Road Vehicle (ORV)/All-Terrain Vehicle (ATV)	14	5	35.7	0	0	0.0	4	0	0.0	3	1	33.3	2	0	0.0	5	4	80.0
Other (non-registered farm equipment, construction equipment, snow plows, etc.)	42	21	50.0	0	0	0.0	0	0	0.0	4	2	50.0	3	1	33.3	31	18	58.1
Truck/Bus (over 10,000 lbs. GVWR/8+ occupants/hazmat placard)	153	136	88.9	0	0	0.0	2	2	100.0	2	2	100.0	6	6	100.0	140	126	90.0
Uncoded & Errors	176	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	12	0	0.0
Total	**8,013**	**6,517**	**81.3**	**18**	**9**	**50.0**	**114**	**76**	**66.7**	**330**	**262**	**79.4**	**621**	**525**	**84.5**	**6,405**	**5,644**	**88.1**

Note: Restraint Use includes shoulder belt only used, lap belt only used, both lap and shoulder belts used, child restraint used, restraint failure, and helmet worn.

2024 - Restraints Worn Among Vehicle Drivers and Injured Passengers by Age

Age Group	Total Occupants			Fatalities			A - Suspected Serious			B - Suspected Minor			C - Possible Injury			No Injury		
	Total	Used Restraint	%	Total	Used Restraint	%	Total	Used Restraint	%	Total	Used Restraint	%	Total	Used Restraint	%	Total	Used Restraint	%
0 - 15	99	83	83.8	0	0	0.0	5	5	100.0	19	16	84.2	62	52	83.9	13	10	76.9
16 - 17	336	307	91.4	0	0	0.0	2	1	50.0	21	17	81.0	27	24	88.9	283	265	93.6
18 - 24	1,245	1,077	86.5	1	0	0.0	21	14	66.7	62	41	66.1	107	89	83.2	1,053	933	88.6
25 - 44	2,836	2,460	86.7	6	4	66.7	37	21	56.8	114	94	82.5	203	168	82.8	2,457	2,172	88.4
45 - 64	1,916	1,686	88.0	3	0	0.0	30	21	70.0	79	63	79.7	132	116	87.9	1,654	1,486	89.8
65 +	1,011	903	89.3	8	5	62.5	19	14	73.7	35	31	88.6	89	76	85.4	854	777	91.0
Unknown	570	1	0.2	0	0	0.0	0	0	0.0	0	0	0.0	1	0	0.0	91	1	1.1
Total	**8,013**	**6,517**	**81.3**	**18**	**9**	**50.0**	**114**	**76**	**66.7**	**330**	**262**	**79.4**	**621**	**525**	**84.5**	**6,405**	**5,644**	**88.1**

Note: Restraint Use includes shoulder belt only used, lap belt only used, both lap and shoulder belts used, child restraint used, restraint failure, and helmet worn.

Muskegon County (continued)

5-Year Trend - Restraint Use Among Drivers

Restraint Use	2020			2021			2022			2023			2024		
	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers
No Belts Available	13	0	0	12	0	2	10	0	1	10	0	0	18	0	8
Shoulder Belt Only Used	55	0	8	10	0	1	22	0	2	17	0	2	46	0	3
Lap Belt Only Used	5	0	1	8	0	0	8	0	1	8	0	1	16	0	3
Both Lap & Shoulder Belt Used	5,677	2	577	6,273	6	636	6,374	4	611	6,423	5	654	6,177	6	594
No Belts Used	58	7	32	58	2	24	50	4	30	47	3	28	60	4	32
Child Restraint Used - Forward Facing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Child Restraint Not Used, Unavailable or Improper Use	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Child Restraint Used - Rear Facing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Child Restraint Used - Booster Seat	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Restraint Failure	1	0	0	1	0	0	0	0	0	0	0	0	2	0	1
Restraint Use Unknown	1,108	2	39	1,323	1	69	1,286	0	55	1,382	2	74	1,328	2	82
Helmet Worn	37	1	28	54	2	38	47	2	35	42	3	25	56	2	43
Helmet Not Worn	56	3	44	53	3	41	37	1	30	31	2	22	30	2	22
Helmet Use Unknown	2	1	1	5	2	3	4	1	2	5	1	2	8	0	7
Uncoded & Errors	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0
Total	**7,012**	**16**	**730**	**7,797**	**16**	**814**	**7,838**	**12**	**767**	**7,967**	**16**	**808**	**7,741**	**16**	**795**

5-Year Trend - Restraint Use Among Drivers Coded Drinking

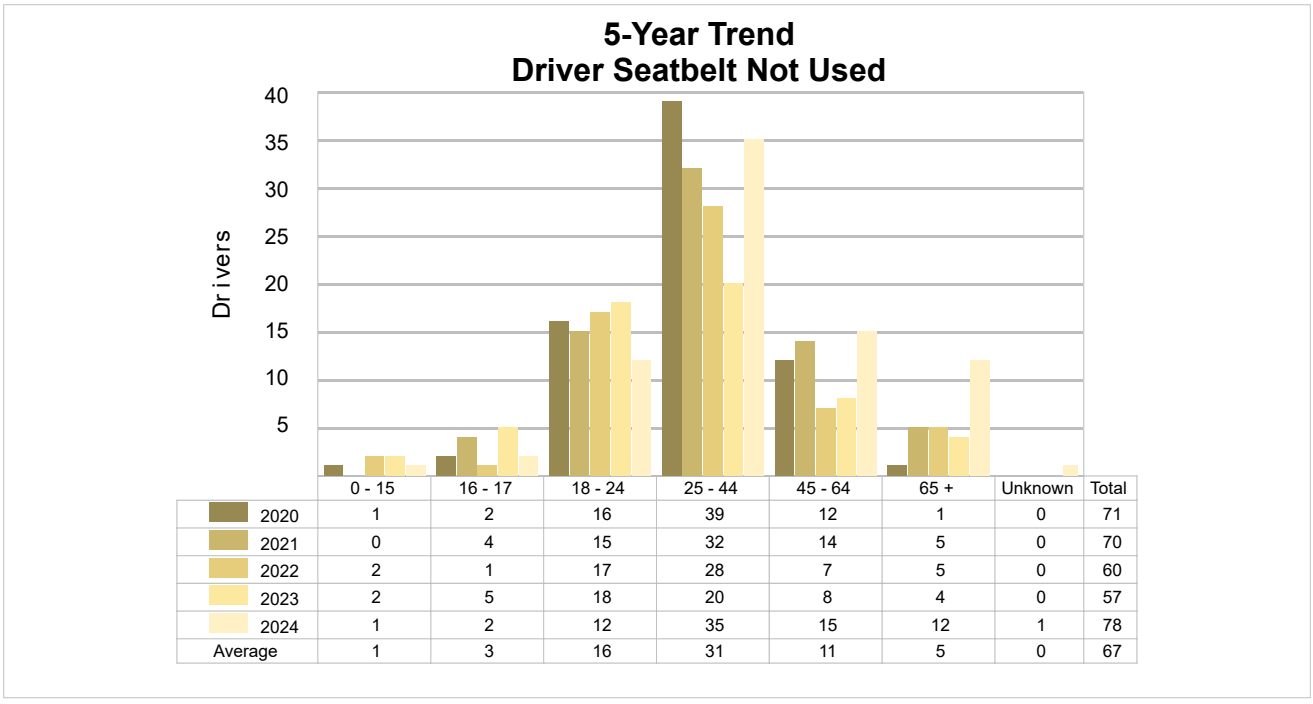
Restraint Use	2020			2021			2022			2023			2024		
	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers
No Belts Available	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Shoulder Belt Only Used	1	0	0	0	0	0	1	0	0	3	0	1	2	0	0
Lap Belt Only Used	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Both Lap & Shoulder Belt Used	118	1	26	120	1	32	127	2	40	111	1	37	111	0	34
No Belts Used	18	4	11	14	1	5	15	2	9	11	0	8	18	2	12
Child Restraint Used - Forward Facing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Child Restraint Not Used, Unavailable or Improper Use	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Child Restraint Used - Rear Facing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Child Restraint Used - Booster Seat	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Restraint Failure	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Restraint Use Unknown	42	1	14	26	0	11	27	0	8	30	1	10	38	1	14
Helmet Worn	0	0	0	4	1	3	3	1	2	1	1	0	4	1	2
Helmet Not Worn	7	1	6	6	1	5	6	1	5	8	1	6	8	2	6
Helmet Use Unknown	1	1	0	0	0	0	0	0	0	1	0	1	1	0	1
Uncoded & Errors	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	**187**	**8**	**57**	**170**	**4**	**56**	**179**	**6**	**64**	**165**	**4**	**63**	**182**	**6**	**69**

Muskegon County (continued)

5-Year Trend - Seatbelt Not Used Among Drivers by Age

Age Group	2020			2021			2022			2023			2024		
	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers
0 - 15	1	0	1	0	0	0	2	0	2	2	0	1	1	0	1
16 - 17	2	1	0	4	0	3	1	0	1	5	0	3	2	0	0
18 - 24	16	0	8	15	0	6	17	1	7	18	0	12	12	0	6
25 - 44	39	4	15	32	0	9	28	0	18	20	2	10	35	1	19
45 - 64	12	2	8	14	1	5	7	1	3	8	1	1	15	1	7
65 +	1	0	0	5	1	3	5	2	0	4	0	1	12	2	7
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Total	**71**	**7**	**32**	**70**	**2**	**26**	**60**	**4**	**31**	**57**	**3**	**28**	**78**	**4**	**40**

Note: Seatbelt Not Used includes no belts available or no belts used.



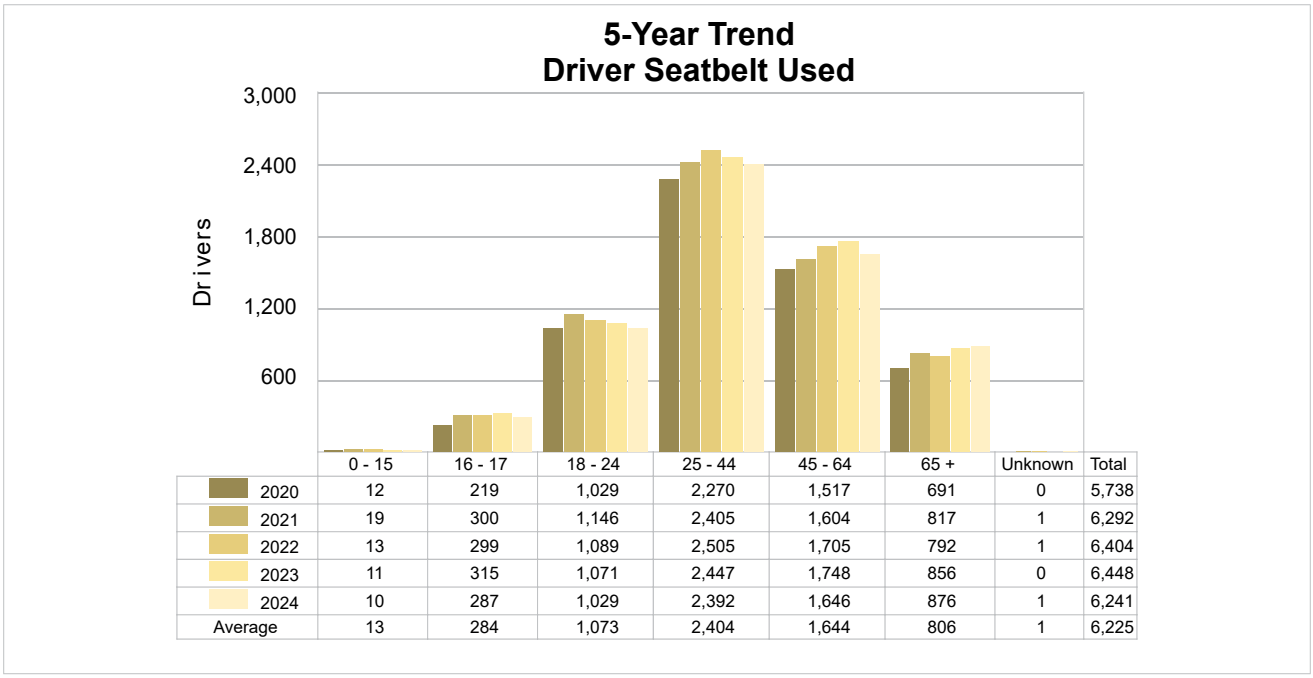
	0 - 15	16 - 17	18 - 24	25 - 44	45 - 64	65 +	Unknown	Total
2020	1	2	16	39	12	1	0	71
2021	0	4	15	32	14	5	0	70
2022	2	1	17	28	7	5	0	60
2023	2	5	18	20	8	4	0	57
2024	1	2	12	35	15	12	1	78
Average	1	3	16	31	11	5	0	67

Muskegon County (continued)

5-Year Trend - Seatbelt Used Among Drivers by Age

Age Group	2020			2021			2022			2023			2024		
	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers
0 - 15	12	0	5	19	0	3	13	0	0	11	0	1	10	0	0
16 - 17	219	0	22	300	0	31	299	0	26	315	0	29	287	0	22
18 - 24	1,029	0	102	1,146	2	135	1,089	0	111	1,071	0	119	1,029	0	99
25 - 44	2,270	1	223	2,405	2	226	2,505	2	236	2,447	1	237	2,392	2	222
45 - 64	1,517	0	156	1,604	0	168	1,705	0	154	1,748	3	189	1,646	0	162
65 +	691	1	78	817	2	74	792	2	87	856	1	82	876	4	96
Unknown	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0
Total	**5,738**	**2**	**586**	**6,292**	**6**	**637**	**6,404**	**4**	**614**	**6,448**	**5**	**657**	**6,241**	**6**	**601**

Note: Seatbelt Used includes shoulder belt only used, lap belt only used, both lap and shoulder belts used, and restraint failure.



	0 - 15	16 - 17	18 - 24	25 - 44	45 - 64	65 +	Unknown	Total
2020	12	219	1,029	2,270	1,517	691	0	5,738
2021	19	300	1,146	2,405	1,604	817	1	6,292
2022	13	299	1,089	2,505	1,705	792	1	6,404
2023	11	315	1,071	2,447	1,748	856	0	6,448
2024	10	287	1,029	2,392	1,646	876	1	6,241
Average	13	284	1,073	2,404	1,644	806	1	6,225

Muskegon County (continued)

5-Year Trend - Drivers in Crashes by Hazardous Action

Hazardous Action	2020		2021		2022		2023		2024	
	Total Drivers in Crashes	Drivers in Fatal Crashes	Total Drivers in Crashes	Drivers in Fatal Crashes	Total Drivers in Crashes	Drivers in Fatal Crashes	Total Drivers in Crashes	Drivers in Fatal Crashes	Total Drivers in Crashes	Drivers in Fatal Crashes
None	3,711	18	4,114	11	4,123	12	4,267	12	4,122	17
Speed Too Fast	775	5	880	3	873	5	776	6	705	4
Speed Too Slow	2	0	2	0	5	0	0	0	5	0
Failed to Yield	734	1	824	3	869	4	923	1	812	4
Disregard Traffic Control	217	1	209	1	220	1	250	2	229	5
Drove Wrong Way	7	0	8	0	5	0	11	0	5	0
Drove Left of Center	37	0	58	0	48	0	62	3	59	2
Improper Passing	65	0	60	2	67	0	61	0	66	0
Improper Lane Use	204	0	204	0	226	0	219	0	168	0
Improper Turn	65	0	71	1	73	0	79	0	99	0
Improper/No Signal	12	0	7	0	8	0	3	0	8	0
Improper Backing	111	0	121	0	120	0	102	0	110	0
Unable to Stop in Assured Clear Distance	550	3	607	2	623	0	602	1	635	1
Other	158	0	171	0	176	1	200	0	194	1
Unknown	179	3	302	0	233	1	250	3	389	1
Reckless Driving	48	4	36	4	34	0	40	2	26	1
Careless/Negligent Driving	137	2	123	1	135	1	120	1	109	0
Uncoded & Errors	0	0	0	0	0	0	2	1	0	0
Total	**7,012**	**37**	**7,797**	**28**	**7,838**	**25**	**7,967**	**32**	**7,741**	**36**

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