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)

M | UMTRI

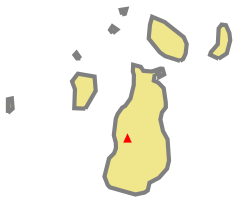
Charlevoix County

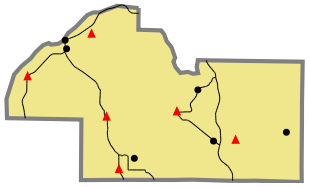
2024 Traffic Crash Data & 2020-2024 5-Year Trends



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.

Charlevoix County





Crashes by most severe injury (mapped/actual)
▲ K - Fatal (7/7)
● A - Suspected Serious (6/6)

2024 - Crashes and Injury by Month

Month	Crashes				People	
	Total	Fatal	Injury	Property Damage Only (PDO)	Fatalities	Injuries
January	95	1	8	86	1	10
February	98	0	6	92	0	8
March	47	0	2	45	0	2
April	45	1	2	42	1	3
May	63	1	4	58	1	9
June	87	1	10	76	1	17
July	78	2	11	65	2	16
August	78	1	5	72	1	10
September	97	0	10	87	0	14
October	134	0	7	127	0	8
November	124	0	7	117	0	9
December	114	0	2	112	0	2
Total	**1,060**	**7**	**74**	**979**	**7**	**108**

2024 - Driver Statistics

Age Group	Charlevoix County			Driver Rates	
	2024 Population	Licensed Drivers	Drivers in Crashes	Per 10k Population	Per 10k Licensed
0 - 15	3,849	109	2	5.2	183.5
16 - 17	584	376	51	873.3	1,356.4
18 - 24	1,723	1,733	164	951.8	946.3
25 - 44	5,441	5,447	418	768.2	767.4
45 - 64	6,905	6,625	397	574.9	599.2
65 +	7,603	7,950	225	295.9	283.0
Unknown	0	0	32	- -	- -
Total	**26,105**	**22,240**	**1,289**	**493.8**	**579.6**

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	903	70.1	6	46.2	82	815
Motor Home	25	1.9	1	7.7	3	21
Pickup Truck	287	22.3	2	15.4	20	265
Small Truck Under 10,000 lbs. GVWR	21	1.6	0	0.0	1	20
Motorcycle	10	0.8	3	23.1	4	3
Moped/Goped	0	0.0	0	0.0	0	0
Go-Cart/Golf Cart	0	0.0	0	0.0	0	0
Snowmobile	0	0.0	0	0.0	0	0
Off-Road Vehicle (ORV)/All-Terrain Vehicle (ATV)	5	0.4	0	0.0	3	2
Other (non-registered farm equipment, construction equipment, snow plows, etc.)	11	0.9	0	0.0	0	11
Truck/Bus (over 10,000 lbs. GVWR/8+ occupants/hazmat placard)	21	1.6	1	7.7	3	17
Uncoded & Errors	6	0.5	0	0.0	0	6
Total	**1,289**	**100.0**	**13**	**100.0**	**116**	**1,160**

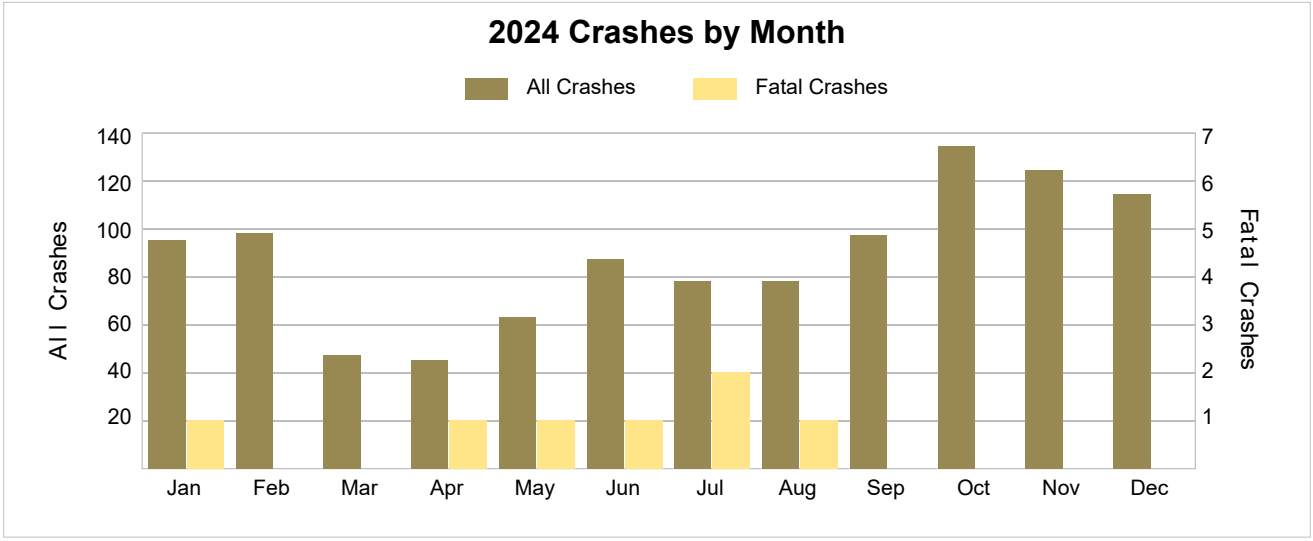
Charlevoix County (continued)

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	111	0	70	0	120	1	91	0	95	1
February	84	0	63	0	65	0	66	0	98	0
March	64	0	60	1	73	0	90	0	47	0
April	29	1	56	0	52	0	56	0	45	1
May	30	0	51	0	65	0	55	0	63	1
June	78	0	71	0	92	0	60	0	87	1
July	109	0	83	1	66	0	74	0	78	2
August	61	0	70	1	70	0	63	0	78	1
September	74	0	78	1	80	0	82	1	97	0
October	94	0	108	0	110	1	92	0	134	0
November	110	1	130	0	163	0	140	0	124	0
December	100	1	122	0	99	0	34	0	114	0
Total	**944**	**3**	**962**	**4**	**1,055**	**2**	**903**	**1**	**1,060**	**7**

5-Year Trend - Crashes by Day of Week

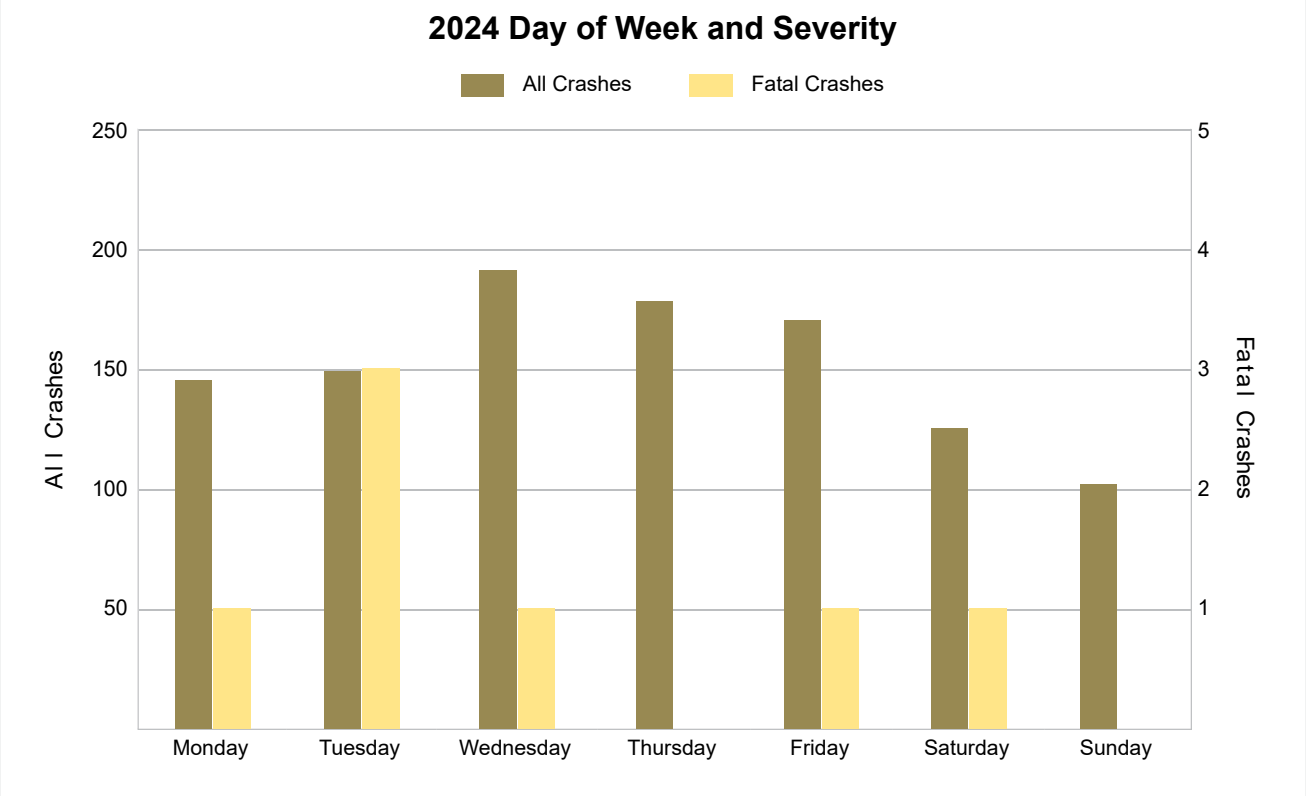
Day	2020		2021		2022		2023		2024	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Monday	135	1	159	0	137	1	116	0	145	1
Tuesday	156	0	151	1	153	0	131	0	149	3
Wednesday	137	0	140	0	147	0	142	0	191	1
Thursday	156	0	146	1	169	0	157	0	178	0
Friday	139	0	155	1	204	1	140	1	170	1
Saturday	129	0	107	1	134	0	127	0	125	1
Sunday	92	2	104	0	111	0	90	0	102	0
Total	**944**	**3**	**962**	**4**	**1,055**	**2**	**903**	**1**	**1,060**	**7**



Charlevoix County (continued)

2024 - Crashes by Day of Week

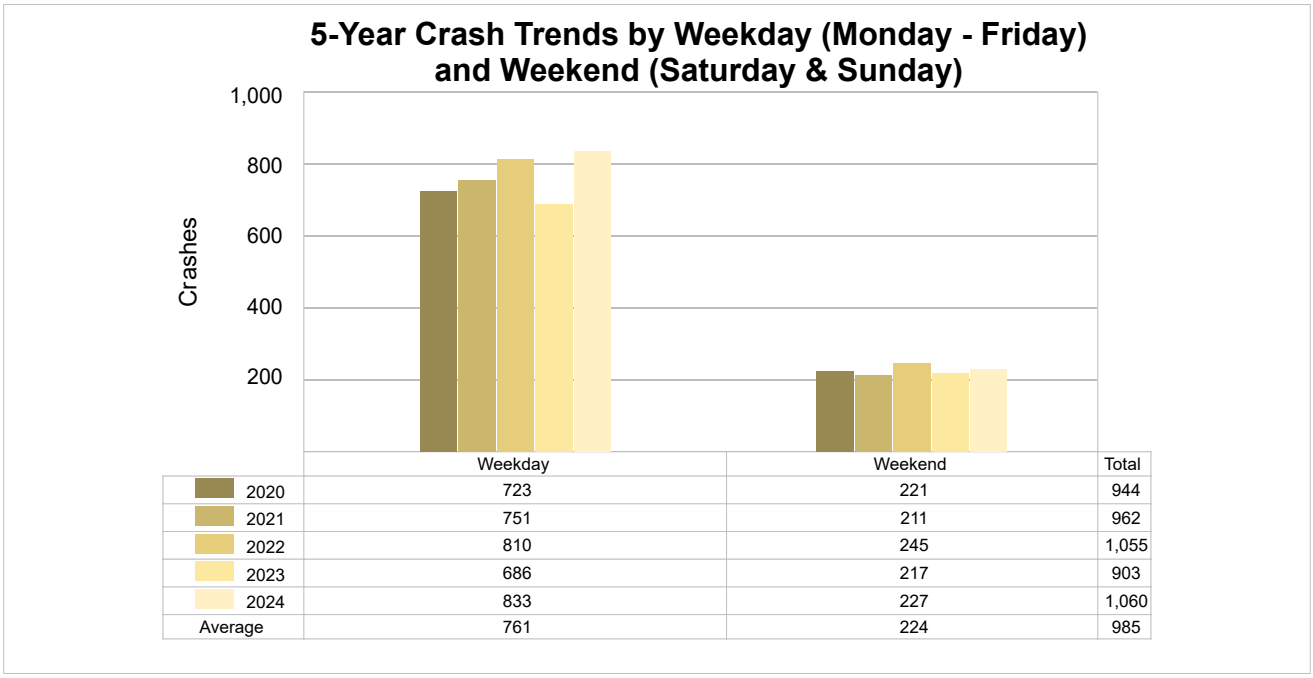
Day	All Crashes		Fatal Crashes		Injury Crashes			PDO Crashes
	Number	% of Total	Fatal	% of Fatal	A	B	C	Number
Monday	145	13.7	1	14.3	0	2	9	133
Tuesday	149	14.1	3	42.9	2	1	0	143
Wednesday	191	18.0	1	14.3	0	15	7	168
Thursday	178	16.8	0	0.0	0	5	6	167
Friday	170	16.0	1	14.3	3	3	6	157
Saturday	125	11.8	1	14.3	1	6	3	114
Sunday	102	9.6	0	0.0	0	2	3	97
Total	**1,060**	**100.0**	**7**	**100.0**	**6**	**34**	**34**	**979**



Charlevoix 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	723	1	751	3	810	2	686	1	833	6
Weekend	221	2	211	1	245	0	217	0	227	1
Total	**944**	**3**	**962**	**4**	**1,055**	**2**	**903**	**1**	**1,060**	**7**



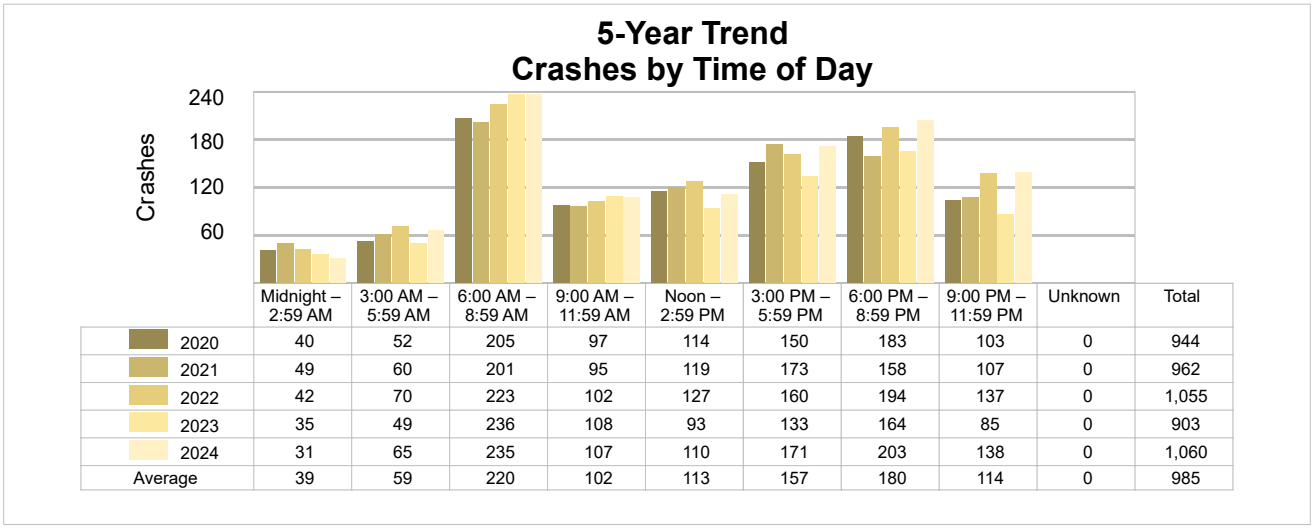
	Weekday	Weekend	Total
2020	723	221	944
2021	751	211	962
2022	810	245	1,055
2023	686	217	903
2024	833	227	1,060
Average	761	224	985

Charlevoix County (continued)

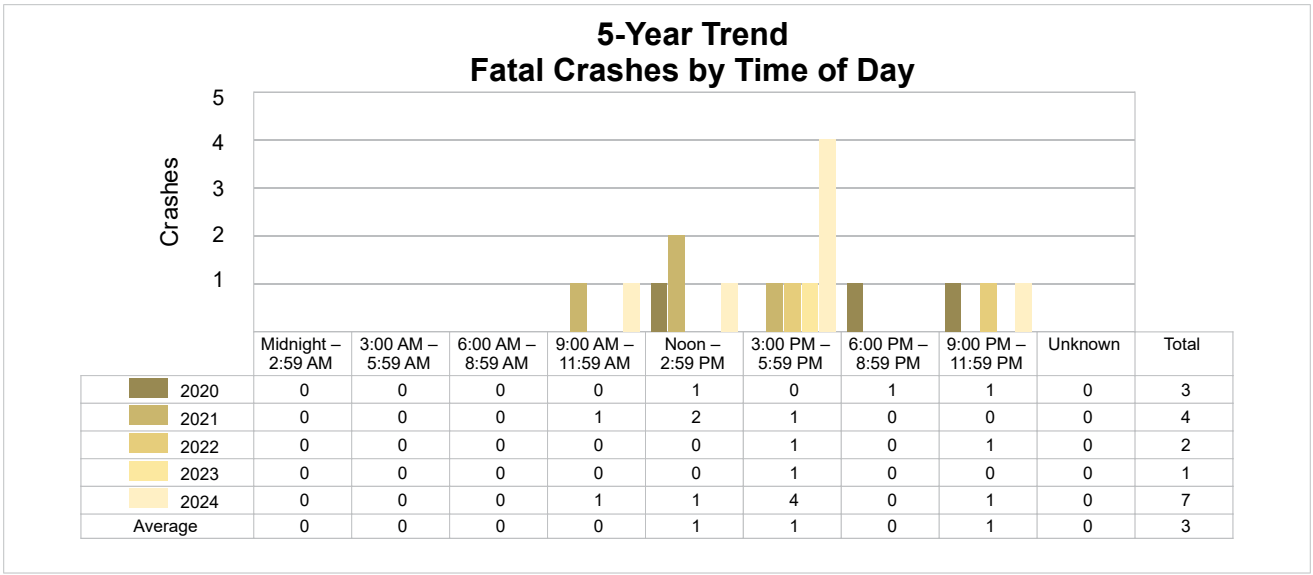
5-Year Trend - Crashes by Time of Day

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	40	0	49	0	42	0	35	0	31	0
3:00 AM – 5:59 AM	52	0	60	0	70	0	49	0	65	0
6:00 AM – 8:59 AM	205 †	0	201 †	0	223 †	0	236 †	0	235 †	0
9:00 AM – 11:59 AM	97	0	95	1	102	0	108	0	107	1
Noon – 2:59 PM	114	1	119	2	127	0	93	0	110	1
3:00 PM – 5:59 PM	150	0	173	1	160	1	133	1	171	4
6:00 PM – 8:59 PM	183	1	158	0	194	0	164	0	203	0
9:00 PM – 11:59 PM	103	1	107	0	137	1	85	0	138	1
Unknown	0	0	0	0	0	0	0	0	0	0
Total	**944**	**3**	**962**	**4**	**1,055**	**2**	**903**	**1**	**1,060**	**7**

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	40	52	205	97	114	150	183	103	0	944
2021	49	60	201	95	119	173	158	107	0	962
2022	42	70	223	102	127	160	194	137	0	1,055
2023	35	49	236	108	93	133	164	85	0	903
2024	31	65	235	107	110	171	203	138	0	1,060
Average	39	59	220	102	113	157	180	114	0	985

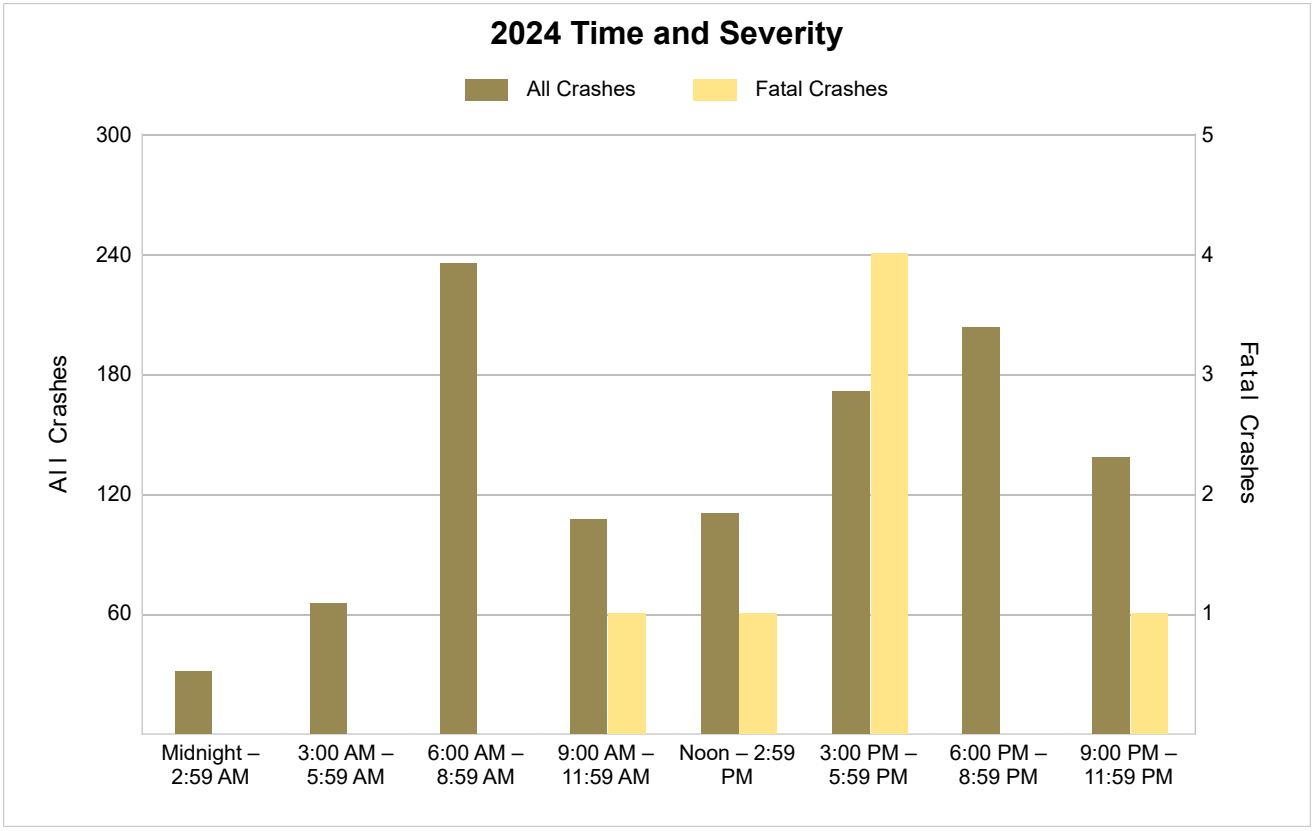


	Midnight – 2:59 AM	3:00 AM – 5:59 AM	6:00 AM – 8:59 AM	9:00 AM – 11:59 AM	Noon – 2:59 PM	3:00 PM – 5:59 PM	6:00 PM – 8:59 PM	9:00 PM – 11:59 PM	Unknown	Total
2020	0	0	0	0	1	0	1	1	0	3
2021	0	0	0	1	2	1	0	0	0	4
2022	0	0	0	0	0	1	0	1	0	2
2023	0	0	0	0	0	1	0	0	0	1
2024	0	0	0	1	1	4	0	1	0	7
Average	0	0	0	0	1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

Charlevoix 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	31	2.9	0	0.0	1	2	1	27
3:00 AM – 5:59 AM	65	6.1	0	0.0	0	1	0	64
6:00 AM – 8:59 AM	235	22.2	0	0.0	0	4	3	228
9:00 AM – 11:59 AM	107	10.1	1	14.3	0	1	8	97
Noon – 2:59 PM	110	10.4	1	14.3	1	3	6	99
3:00 PM – 5:59 PM	171	16.1	4	57.1	2	11	11	143
6:00 PM – 8:59 PM	203	19.2	0	0.0	1	8	3	191
9:00 PM – 11:59 PM	138	13.0	1	14.3	1	4	2	130
Unknown	0	0.0	0	0.0	0	0	0	0
Total	**1,060**	**100.0**	**7**	**100.0**	**6**	**34**	**34**	**979**

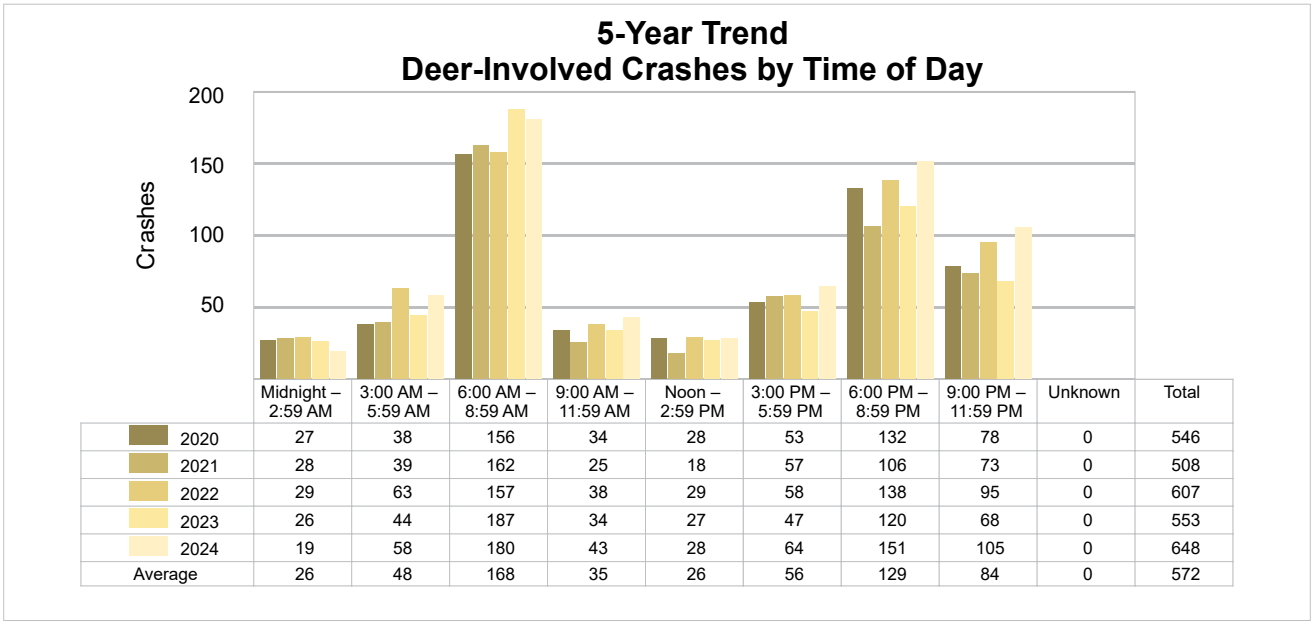


Charlevoix County (continued)

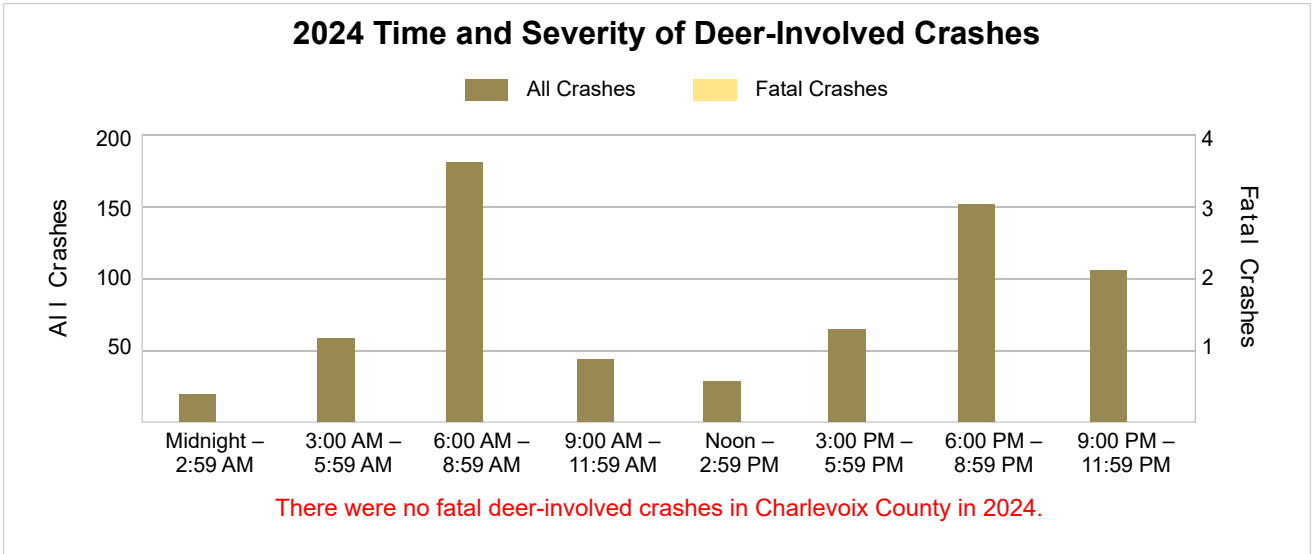
5-Year Trend - Deer-Involved Crashes by Time of Day

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	27	0	28	0	29	0	26	0	19	0
3:00 AM – 5:59 AM	38	0	39	0	63	0	44	0	58	0
6:00 AM – 8:59 AM	156 †	0	162 †	0	157 †	0	187 †	0	180 †	0
9:00 AM – 11:59 AM	34	0	25	0	38	0	34	0	43	0
Noon – 2:59 PM	28	0	18	0	29	0	27	0	28	0
3:00 PM – 5:59 PM	53	0	57	0	58	0	47	0	64	0
6:00 PM – 8:59 PM	132	0	106	0	138	0	120	0	151	0
9:00 PM – 11:59 PM	78	0	73	0	95	0	68	0	105	0
Unknown	0	0	0	0	0	0	0	0	0	0
Total	**546**	**0**	**508**	**0**	**607**	**0**	**553**	**0**	**648**	**0**

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	27	38	156	34	28	53	132	78	0	546
2021	28	39	162	25	18	57	106	73	0	508
2022	29	63	157	38	29	58	138	95	0	607
2023	26	44	187	34	27	47	120	68	0	553
2024	19	58	180	43	28	64	151	105	0	648
Average	26	48	168	35	26	56	129	84	0	572

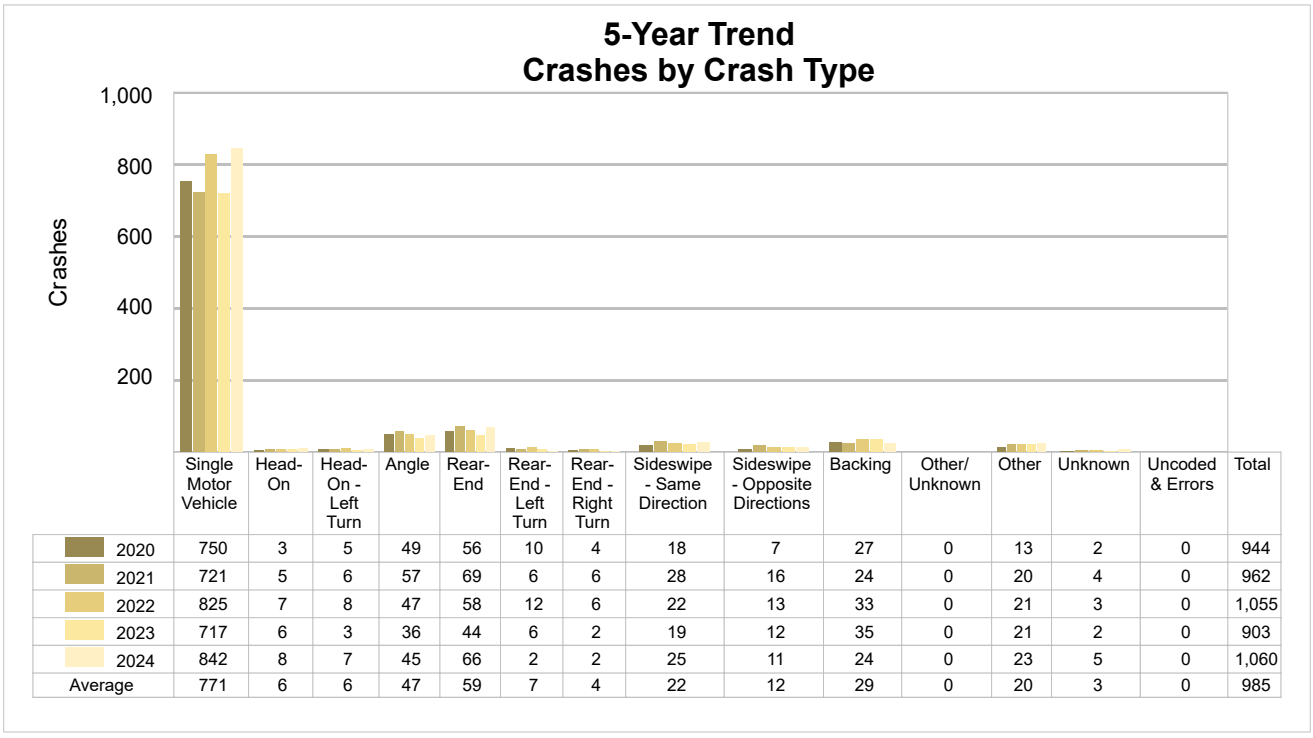


There were no fatal deer-involved crashes in Charlevoix County in 2024.

Charlevoix 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	750	3	721	2	825	0	717	1	842	2
Head-On	3	0	5	1	7	0	6	0	8	2
Head-On - Left Turn	5	0	6	0	8	0	3	0	7	0
Angle	49	0	57	0	47	1	36	0	45	1
Rear-End	56	0	69	0	58	1	44	0	66	2
Rear-End - Left Turn	10	0	6	0	12	0	6	0	2	0
Rear-End - Right Turn	4	0	6	0	6	0	2	0	2	0
Sideswipe - Same Direction	18	0	28	1	22	0	19	0	25	0
Sideswipe - Opposite Directions	7	0	16	0	13	0	12	0	11	0
Backing	27	0	24	0	33	0	35	0	24	0
Other/Unknown	0	0	0	0	0	0	0	0	0	0
Other	13	0	20	0	21	0	21	0	23	0
Unknown	2	0	4	0	3	0	2	0	5	0
Uncoded & Errors	0	0	0	0	0	0	0	0	0	0
Total	**944**	**3**	**962**	**4**	**1,055**	**2**	**903**	**1**	**1,060**	**7**

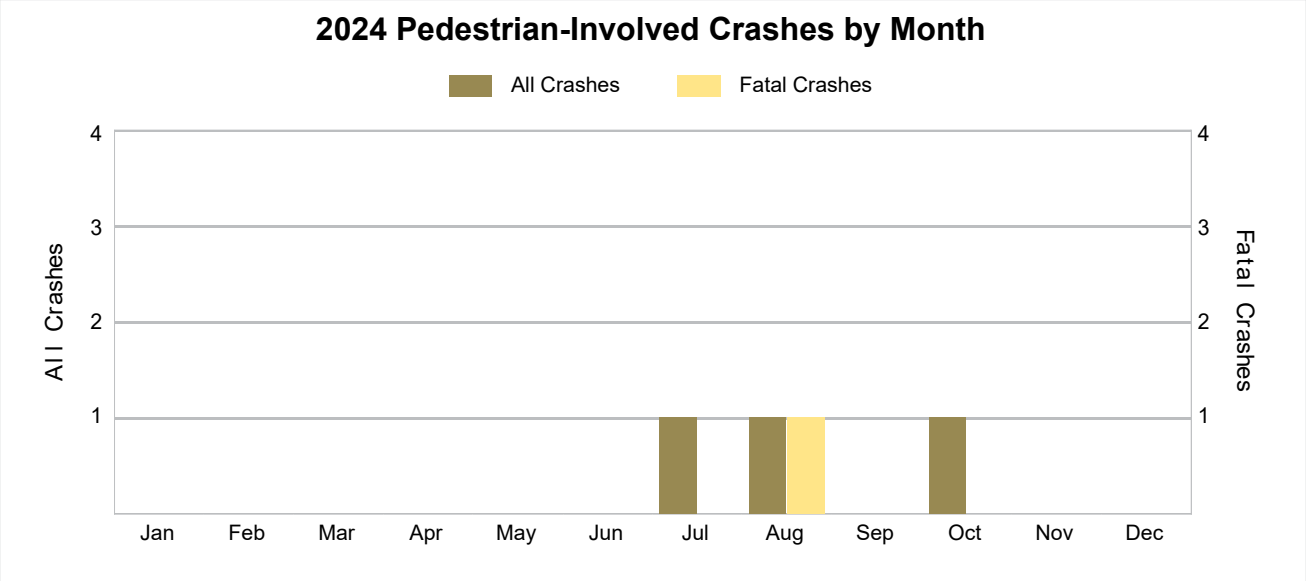


	Single Motor Vehicle	Head-On	Head-On - Left Turn	Angle	Rear-End	Rear-End - Left Turn	Rear-End - Right Turn	Sideswipe - Same Direction	Sideswipe - Opposite Directions	Backing	Other/ Unknown	Other	Unknown	Uncoded & Errors	Total
2020	750	3	5	49	56	10	4	18	7	27	0	13	2	0	944
2021	721	5	6	57	69	6	6	28	16	24	0	20	4	0	962
2022	825	7	8	47	58	12	6	22	13	33	0	21	3	0	1,055
2023	717	6	3	36	44	6	2	19	12	35	0	21	2	0	903
2024	842	8	7	45	66	2	2	25	11	24	0	23	5	0	1,060
Average	771	6	6	47	59	7	4	22	12	29	0	20	3	0	985

Charlevoix County (continued)

5-Year Trend - Pedestrian-Involved Crashes by Month

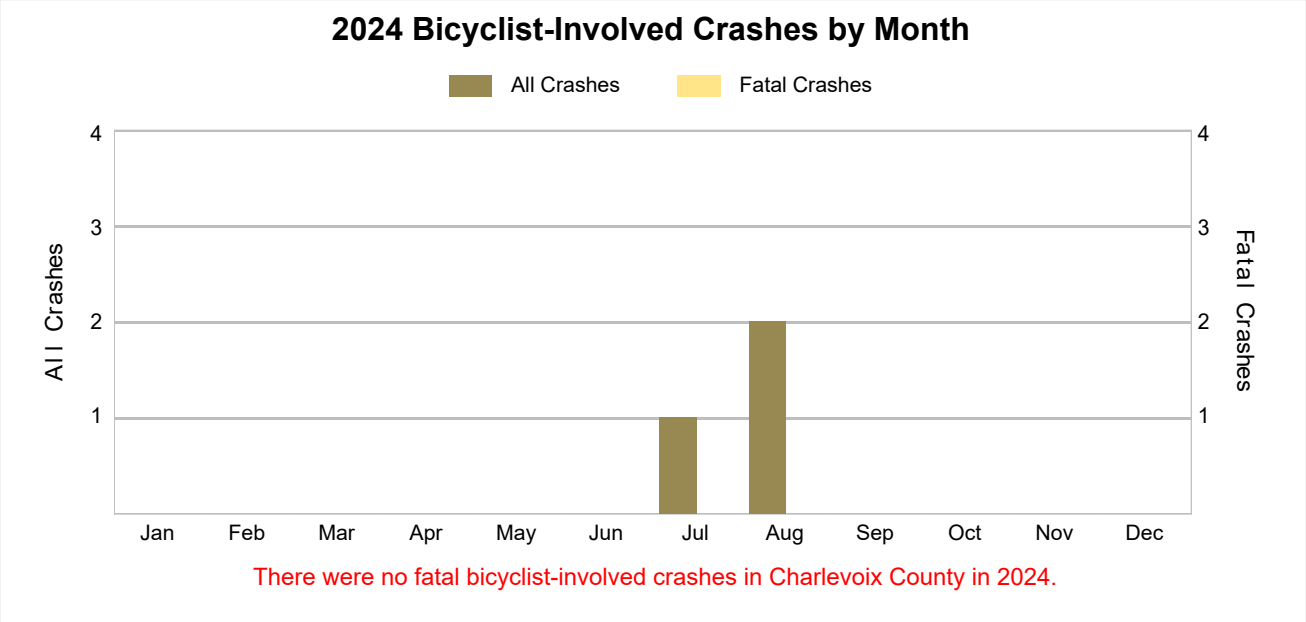
Month	2020		2021		2022		2023		2024	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
January	0	0	0	0	0	0	0	0	0	0
February	0	0	0	0	0	0	0	0	0	0
March	0	0	0	0	0	0	0	0	0	0
April	0	0	0	0	0	0	0	0	0	0
May	0	0	0	0	0	0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



Charlevoix 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	0	0
February	0	0	0	0	0	0	0	0	0	0
March	0	0	0	0	0	0	0	0	0	0
April	0	0	0	0	0	0	0	0	0	0
May	0	0	0	0	0	0	0	0	0	0
June	1	0	0	0	0	0	0	0	0	0
July	0	0	1	0	0	0	0	0	1	0
August	0	0	1	1	1	0	0	0	2	0
September	1	0	0	0	0	0	0	0	0	0
October	0	0	0	0	0	0	1	0	0	0
November	0	0	0	0	0	0	0	0	0	0
December	0	0	0	0	0	0	0	0	0	0
Total	**2**	**0**	**2**	**1**	**1**	**0**	**1**	**0**	**3**	**0**



Charlevoix 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
Bay Twp.	54	0	0	54	0	0	0	54	0	0	45	0	0
Boyne City	55	1	1	53	0	0	19	36	2	3	10	1	0
Boyne Falls	15	0	3	12	0	6	5	4	0	0	1	0	0
Boyne Valley Twp.	94	1	5	88	0	41	16	37	2	1	62	0	0
Chandler Twp.	20	0	1	19	0	0	0	20	0	0	12	0	0
Charlevoix	83	0	15	68	0	57	1	25	2	0	14	2	3
Charlevoix Twp.	40	0	5	35	0	18	9	13	1	1	24	0	0
East Jordan	41	1	3	37	0	0	28	13	0	1	14	0	0
Evangeline Twp.	23	0	0	23	0	0	4	19	1	0	15	0	0
Eveline Twp.	78	1	6	71	0	0	51	27	2	1	57	0	0
Hayes Twp.	78	1	4	73	0	32	0	46	3	1	56	0	0
Hudson Twp.	46	0	4	42	0	0	0	46	2	0	29	0	0
Marion Twp.	71	0	3	68	0	0	12	59	3	1	55	0	0
Melrose Twp.	104	0	9	95	0	48	31	25	2	0	55	0	0
Norwood Twp.	73	1	2	70	0	62	0	11	0	1	63	0	0
Peaine Twp.	3	1	0	2	0	0	0	3	0	0	0	0	0
South Arm Twp.	95	0	4	91	0	0	31	64	1	0	81	0	0
St. James Twp.	2	0	0	2	0	0	0	2	0	0	0	0	0
Wilson Twp.	85	0	9	76	0	0	7	78	1	1	55	0	0
Total	**1,060**	**7**	**74**	**979**	**0**	**264**	**214**	**582**	**22**	**11**	**648**	**3**	**3**

Charlevoix County (continued)

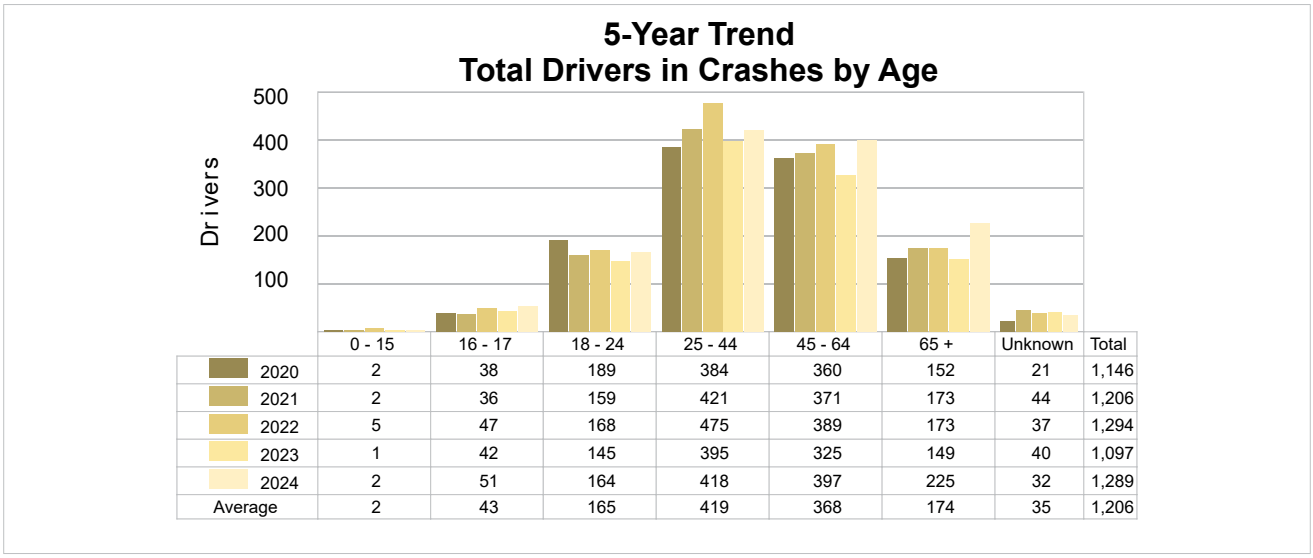
2024 - People in Reported Motor Vehicle Crashes by Municipality

Municipality	People					
	Fatalities	Suspected Serious Injuries	Suspected Minor Injuries	Possible Injuries	No Injuries	Uncoded & Errors
Bay Twp.	0	0	0	0	57	0
Boyne City	1	0	0	1	85	9
Boyne Falls	0	0	2	1	25	0
Boyne Valley Twp.	1	1	5	1	123	0
Chandler Twp.	0	0	1	0	21	1
Charlevoix	0	2	4	16	139	11
Charlevoix Twp.	0	0	3	5	51	2
East Jordan	1	0	1	3	65	2
Evangeline Twp.	0	0	0	0	26	0
Eveline Twp.	1	0	8	4	89	0
Hayes Twp.	1	0	5	2	95	1
Hudson Twp.	0	2	3	1	47	0
Marion Twp.	0	0	2	2	75	0
Melrose Twp.	0	1	7	5	134	2
Norwood Twp.	1	1	1	1	81	0
Peaine Twp.	1	0	0	0	3	0
South Arm Twp.	0	1	2	2	105	0
St. James Twp.	0	0	0	0	4	0
Wilson Twp.	0	0	8	4	92	0
Total	**7**	**8**	**52**	**48**	**1,317**	**28**

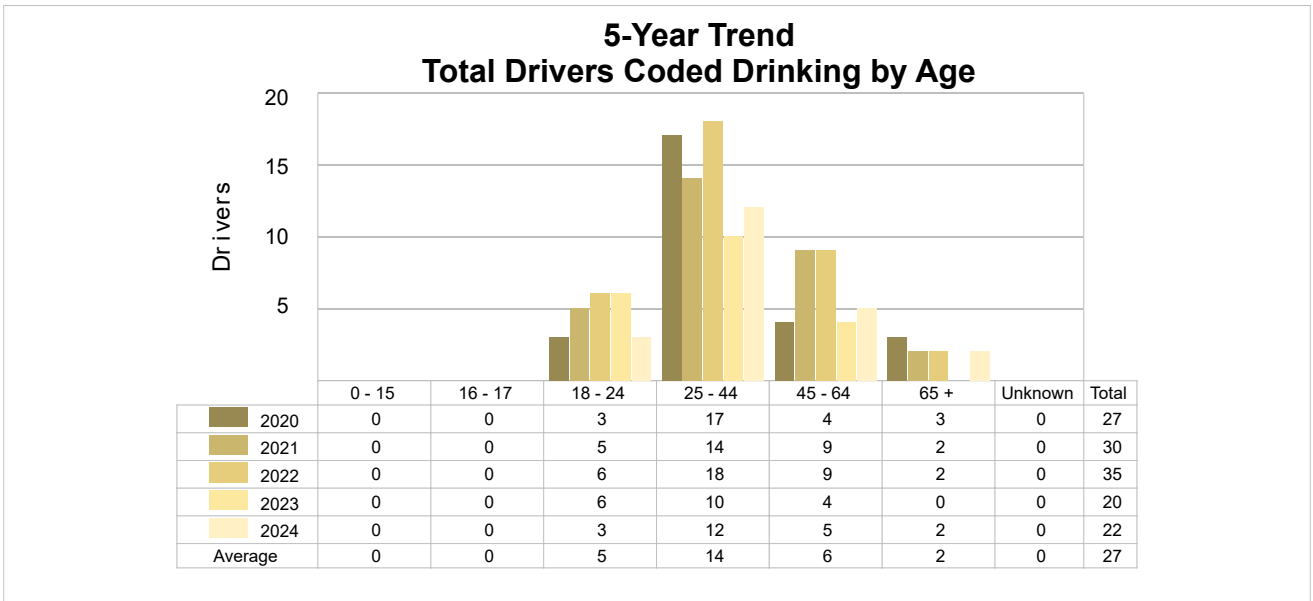
Charlevoix County (continued)

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	2	0	2	0	5	0	1	0	2	0
16 - 17	38	0	36	0	47	0	42	0	51	0
18 - 24	189	3	159	5	168	6	145	6	164	3
25 - 44	384	17	421	14	475	18	395	10	418	12
45 - 64	360	4	371	9	389	9	325	4	397	5
65 +	152	3	173	2	173	2	149	0	225	2
Unknown	21	0	44	0	37	0	40	0	32	0
Total	**1,146**	**27**	**1,206**	**30**	**1,294**	**35**	**1,097**	**20**	**1,289**	**22**



	0 - 15	16 - 17	18 - 24	25 - 44	45 - 64	65 +	Unknown	Total
2020	2	38	189	384	360	152	21	1,146
2021	2	36	159	421	371	173	44	1,206
2022	5	47	168	475	389	173	37	1,294
2023	1	42	145	395	325	149	40	1,097
2024	2	51	164	418	397	225	32	1,289
Average	2	43	165	419	368	174	35	1,206



	0 - 15	16 - 17	18 - 24	25 - 44	45 - 64	65 +	Unknown	Total
2020	0	0	3	17	4	3	0	27
2021	0	0	5	14	9	2	0	30
2022	0	0	6	18	9	2	0	35
2023	0	0	6	10	4	0	0	20
2024	0	0	3	12	5	2	0	22
Average	0	0	5	14	6	2	0	27

Charlevoix County (continued)

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

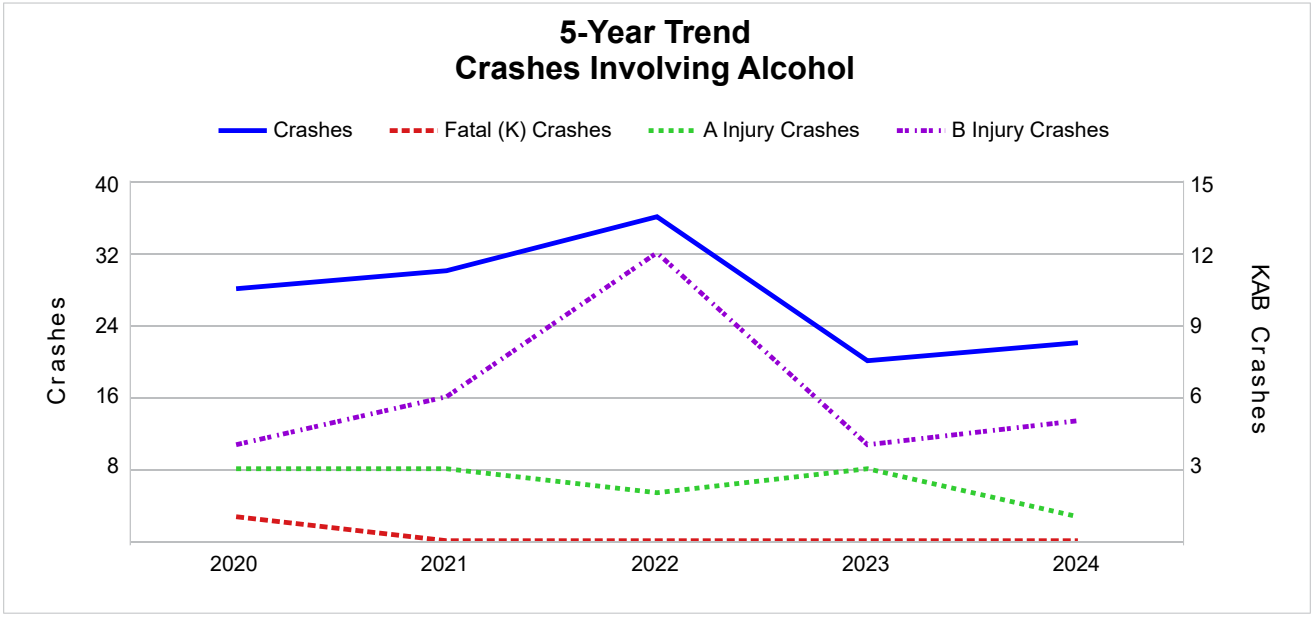
Age Group	Drivers				BAC Result Range for Drivers Coded Drinking				
	Total Drivers in Alcohol-Involved Crashes	Total Drivers Tested in all Crashes	Total Drivers Coded Drinking, Tested	Total Drivers Coded Drinking	BAC = 0.00	BAC 0.01 g/dL to 0.07 g/dL	BAC 0.08 g/dL to 0.16 g/dL	BAC 0.17 g/dL and Above	BAC Not Reported
0 - 15	0	0	0	0	0	0	0	0	0
16 - 17	0	0	0	0	0	0	0	0	0
18 - 24	3	4	3	3	0	0	1	2	0
25 - 44	13	15	11	12	0	1	3	5	3
45 - 64	6	4	3	5	0	1	1	1	2
65 +	3	3	2	2	0	0	1	1	0
Unknown	3	0	0	0	0	0	0	0	0
Total	**28**	**26**	**19**	**22**	**0**	**2**	**6**	**9**	**5**

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	944	28	3.0	3	1	33.3	8	3	37.5	28	4	14.3
2021	962	30	3.1	4	0	0.0	10	3	30.0	38	6	15.8
2022	1,055	36	3.4	2	0	0.0	13	2	15.4	52	12	23.1
2023	903	20	2.2	1	0	0.0	7	3	42.9	31	4	12.9
2024	1,060 **	22	2.1 *	7 **	0	0.0	6 *	1 *	16.7	34	5	14.7

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.

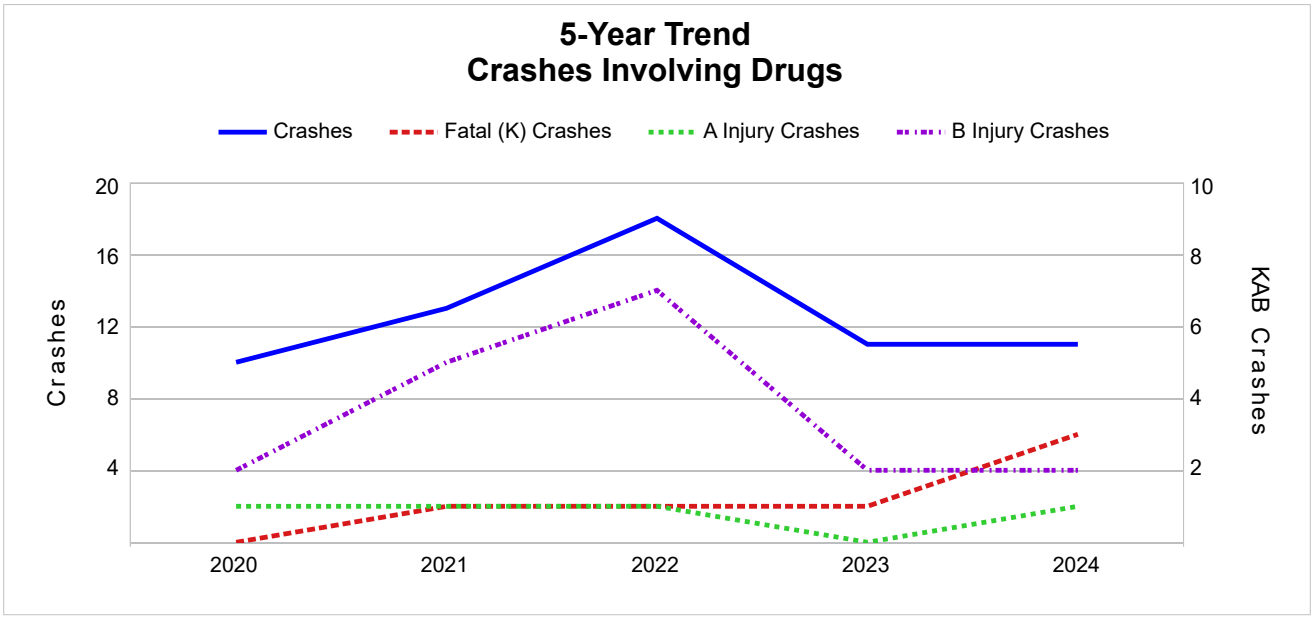


Charlevoix County (continued)

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	944	10	1.1	3	0	0.0	8	1	12.5	28	2	7.1
2021	962	13	1.4	4	1	25.0	10	1	10.0	38	5	13.2
2022	1,055	18	1.7	2	1	50.0	13	1	7.7	52	7	13.5
2023	903	11	1.2	1	1	100.0	7	0	0.0	31	2	6.5
2024	1,060 **	11	1.0 *	7 **	3 **	42.9	6 *	1	16.7 **	34	2	5.9 *

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.

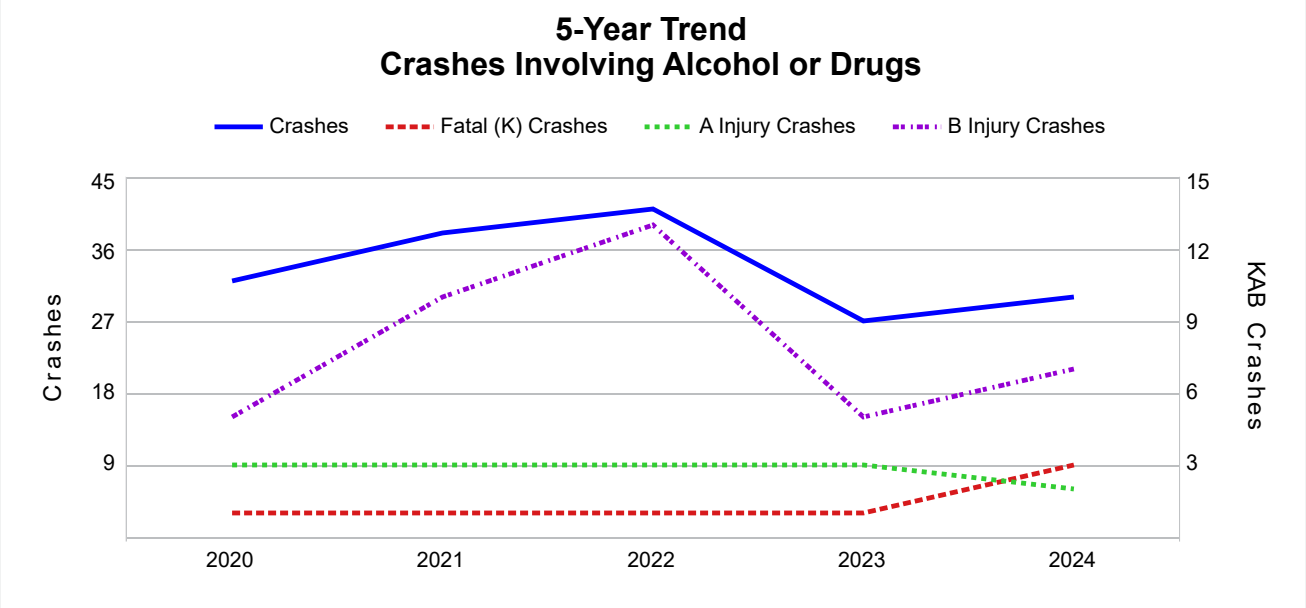


Charlevoix County (continued)

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	944	32	3.4	3	1	33.3	8	3	37.5	28	5	17.9
2021	962	38	4.0	4	1	25.0	10	3	30.0	38	10	26.3
2022	1,055	41	3.9	2	1	50.0	13	3	23.1	52	13	25.0
2023	903	27	3.0	1	1	100.0	7	3	42.9	31	5	16.1
2024	1,060 **	30	2.8 *	7 **	3 **	42.9	6 *	2 *	33.3	34	7	20.6

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.



Charlevoix 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	932	879	94.3	1	0	0.0	5	4	80.0	41	36	87.8	35	33	94.3	836	806	96.4
Motor Home	25	23	92.0	1	0	0.0	0	0	0.0	0	0	0.0	2	2	100.0	21	21	100.0
Pickup Truck	293	272	92.8	1	0	0.0	0	0	0.0	6	6	100.0	6	5	83.3	273	261	95.6
Small Truck Under 10,000 lbs. GVWR	22	21	95.5	0	0	0.0	0	0	0.0	1	0	0.0	0	0	0.0	21	21	100.0
Motorcycle	10	9	90.0	3	2	66.7	0	0	0.0	2	2	100.0	2	2	100.0	3	3	100.0
Moped/Goped	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0
Go-Cart/Golf Cart	0	0	0.0	0	0	0.0	0	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)	6	2	33.3	0	0	0.0	1	0	0.0	1	1	100.0	1	0	0.0	3	1	33.3
Other (non-registered farm equipment, construction equipment, snow plows, etc.)	11	9	81.8	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	10	9	90.0
Truck/Bus (over 10,000 lbs. GVWR/8+ occupants/hazmat placard)	21	20	95.2	0	0	0.0	0	0	0.0	1	1	100.0	0	0	0.0	19	19	100.0
Uncoded & Errors	6	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	2	0	0.0
Total	**1,326**	**1,235**	**93.1**	**6**	**2**	**33.3**	**6**	**4**	**66.7**	**52**	**46**	**88.5**	**46**	**42**	**91.3**	**1,188**	**1,141**	**96.0**

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	8	7	87.5	0	0	0.0	0	0	0.0	5	4	80.0	1	1	100.0	2	2	100.0
16 - 17	55	51	92.7	0	0	0.0	0	0	0.0	5	4	80.0	3	2	66.7	47	45	95.7
18 - 24	172	165	95.9	0	0	0.0	1	1	100.0	9	9	100.0	6	6	100.0	156	149	95.5
25 - 44	427	402	94.1	4	2	50.0	2	0	0.0	17	14	82.4	17	15	88.2	386	371	96.1
45 - 64	401	389	97.0	0	0	0.0	1	1	100.0	9	9	100.0	10	10	100.0	379	369	97.4
65 +	231	221	95.7	2	0	0.0	2	2	100.0	7	6	85.7	9	8	88.9	211	205	97.2
Unknown	32	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	7	0	0.0
Total	**1,326**	**1,235**	**93.1**	**6**	**2**	**33.3**	**6**	**4**	**66.7**	**52**	**46**	**88.5**	**46**	**42**	**91.3**	**1,188**	**1,141**	**96.0**

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.

Charlevoix 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	2	0	0	5	0	1	6	0	1	2	0	0	3	0	0
Shoulder Belt Only Used	0	0	0	1	0	0	3	0	1	0	0	0	3	0	0
Lap Belt Only Used	1	0	0	1	0	0	3	0	0	2	0	0	0	0	0
Both Lap & Shoulder Belt Used	1,044	1	73	1,092	0	72	1,173	2	88	991	0	46	1,190	0	56
No Belts Used	2	0	1	12	1	3	8	0	4	7	1	1	9	2	3
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	83	0	4	86	0	9	86	0	7	80	0	1	71	1	3
Helmet Worn	7	0	7	3	0	3	12	0	8	9	0	6	10	2	4
Helmet Not Worn	6	0	6	5	0	3	3	0	3	6	0	4	3	1	1
Helmet Use Unknown	1	0	1	1	0	1	0	0	0	0	0	0	0	0	0
Uncoded & Errors	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	**1,146**	**1**	**92**	**1,206**	**1**	**92**	**1,294**	**2**	**112**	**1,097**	**1**	**58**	**1,289**	**6**	**67**

5-Year Trend - Restraint Use Among Drivers Coded Drinking

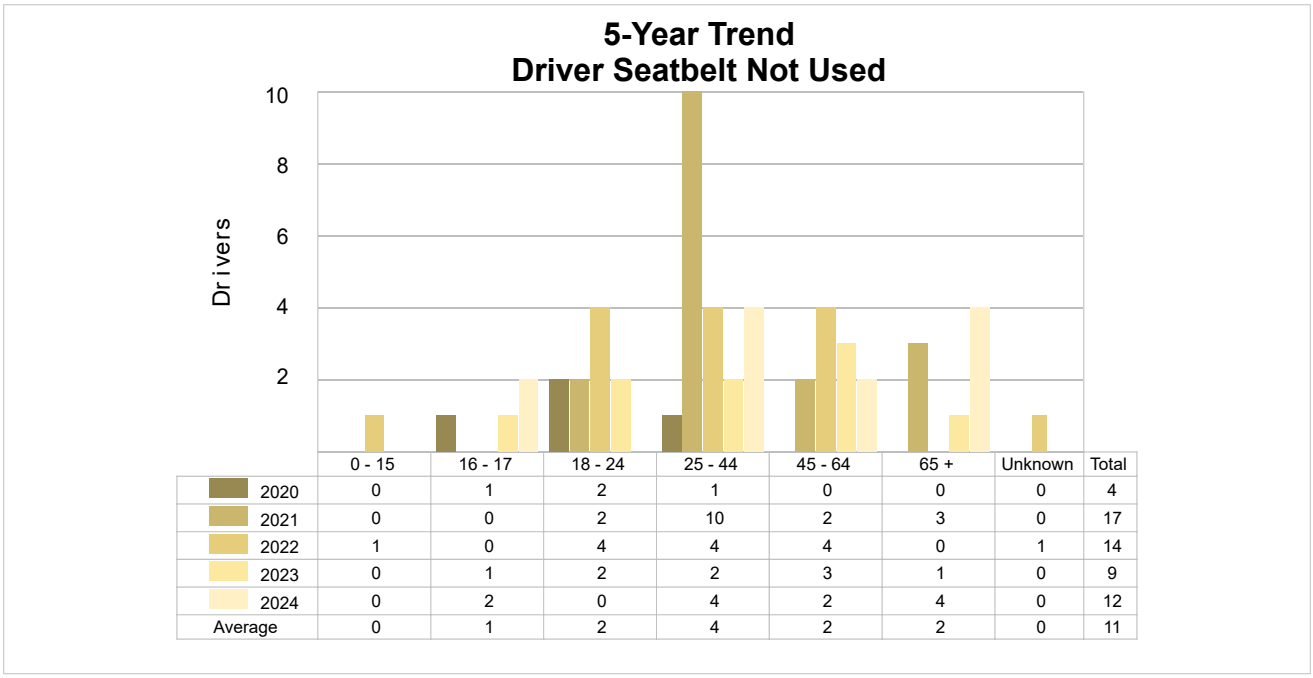
Restraint Use	2020			2021			2022			2023			2024		
	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers
No Belts Available	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Shoulder Belt Only Used	0	0	0	0	0	0	0	0	0	0	0	0	0	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	23	1	7	20	0	9	22	0	10	13	0	3	15	0	2
No Belts Used	0	0	0	4	0	2	0	0	0	0	0	0	3	0	2
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	3	0	0	6	0	4	9	0	5	3	0	1	4	0	1
Helmet Worn	1	0	1	0	0	0	1	0	1	2	0	2	0	0	0
Helmet Not Worn	0	0	0	0	0	0	2	0	2	2	0	2	0	0	0
Helmet Use Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Uncoded & Errors	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	**27**	**1**	**8**	**30**	**0**	**15**	**35**	**0**	**18**	**20**	**0**	**8**	**22**	**0**	**5**

Charlevoix 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	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0
16 - 17	1	0	0	0	0	0	0	0	0	1	1	0	2	0	0
18 - 24	2	0	1	2	0	2	4	0	3	2	0	0	0	0	0
25 - 44	1	0	0	10	1	2	4	0	1	2	0	0	4	1	2
45 - 64	0	0	0	2	0	0	4	0	0	3	0	0	2	0	0
65 +	0	0	0	3	0	0	0	0	0	1	0	1	4	1	1
Unknown	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Total	**4**	**0**	**1**	**17**	**1**	**4**	**14**	**0**	**5**	**9**	**1**	**1**	**12**	**2**	**3**

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



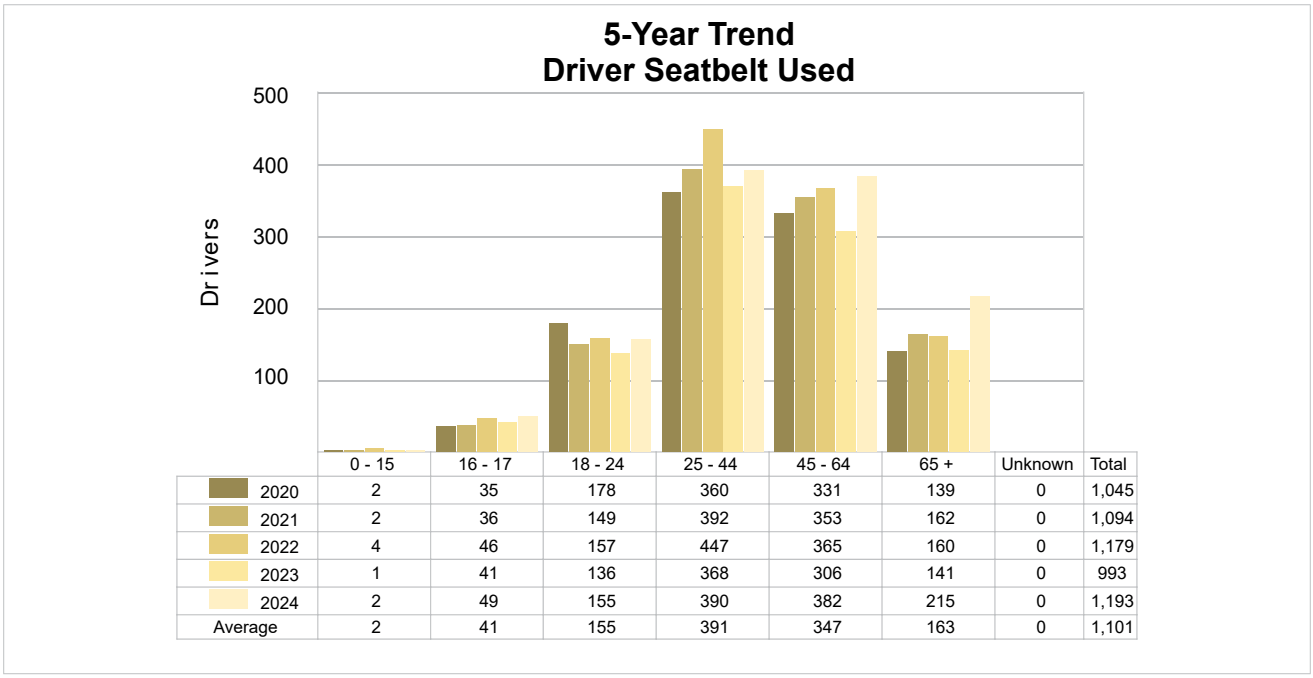
	0 - 15	16 - 17	18 - 24	25 - 44	45 - 64	65 +	Unknown	Total
2020	0	1	2	1	0	0	0	4
2021	0	0	2	10	2	3	0	17
2022	1	0	4	4	4	0	1	14
2023	0	1	2	2	3	1	0	9
2024	0	2	0	4	2	4	0	12
Average	0	1	2	4	2	2	0	11

Charlevoix 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	2	0	0	2	0	0	4	0	0	1	0	1	2	0	0
16 - 17	35	0	4	36	0	3	46	0	8	41	0	3	49	0	4
18 - 24	178	0	15	149	0	14	157	0	9	136	0	3	155	0	7
25 - 44	360	1	22	392	0	27	447	0	36	368	0	16	390	0	21
45 - 64	331	0	19	353	0	17	365	1	25	306	0	15	382	0	14
65 +	139	0	13	162	0	11	160	1	11	141	0	8	215	0	10
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	**1,045**	**1**	**73**	**1,094**	**0**	**72**	**1,179**	**2**	**89**	**993**	**0**	**46**	**1,193**	**0**	**56**

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	2	35	178	360	331	139	0	1,045
2021	2	36	149	392	353	162	0	1,094
2022	4	46	157	447	365	160	0	1,179
2023	1	41	136	368	306	141	0	993
2024	2	49	155	390	382	215	0	1,193
Average	2	41	155	391	347	163	0	1,101

Charlevoix 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	815	0	793	3	885	2	784	0	921	7
Speed Too Fast	92	0	114	1	148	0	98	0	117	2
Speed Too Slow	0	0	0	0	0	0	0	0	0	0
Failed to Yield	63	1	72	0	51	1	47	0	75	2
Disregard Traffic Control	1	0	15	0	9	0	0	0	8	0
Drove Wrong Way	0	0	0	0	0	0	0	0	0	0
Drove Left of Center	7	0	9	0	7	0	8	0	4	0
Improper Passing	8	0	2	1	4	0	6	0	3	0
Improper Lane Use	11	0	6	0	5	0	3	0	10	0
Improper Turn	5	0	12	0	8	0	6	0	9	0
Improper/No Signal	0	0	0	0	0	0	2	0	1	0
Improper Backing	22	0	20	0	29	0	29	0	19	0
Unable to Stop in Assured Clear Distance	50	0	59	0	51	1	48	0	58	0
Other	34	0	48	1	28	0	36	0	28	0
Unknown	14	1	23	0	23	0	13	0	11	1
Reckless Driving	3	1	4	0	7	0	3	0	5	1
Careless/Negligent Driving	21	0	29	0	39	0	14	1	20	0
Uncoded & Errors	0	0	0	0	0	0	0	0	0	0
Total	**1,146**	**3**	**1,206**	**6**	**1,294**	**4**	**1,097**	**1**	**1,289**	**13**

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