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.

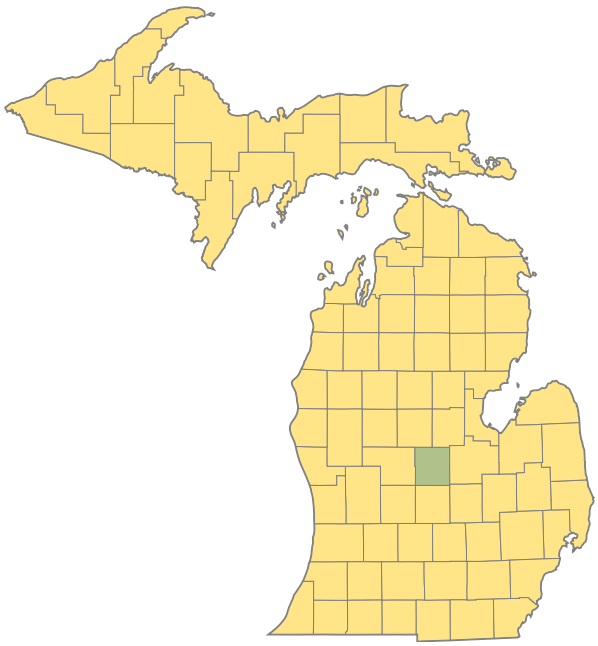
Examples: Age, injury severity, and seat belt or helmet use.

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

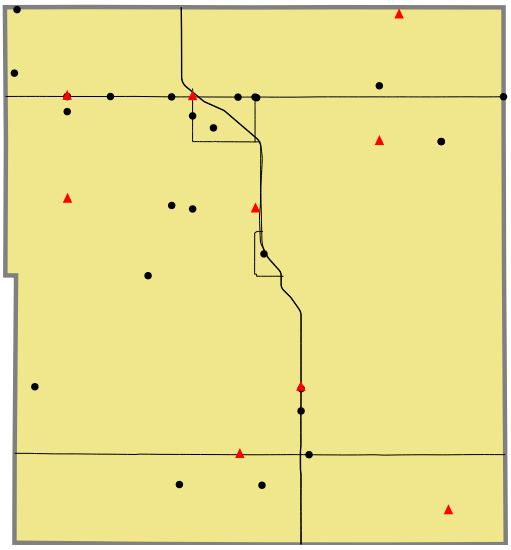
Gratiot County

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.

Gratiot County



Crashes by most severe injury (mapped/actual)
▲ K - Fatal (9/9)
● A - Suspected Serious (26/26)

2024 - Crashes and Injury by Month

Month	Crashes				People	
	Total	Fatal	Injury	Property Damage Only (PDO)	Fatalities	Injuries
January	139	0	10	129	0	14
February	85	0	3	82	0	5
March	92	1	14	77	1	18
April	92	1	11	80	1	20
May	123	2	23	98	2	32
June	135	0	19	116	0	27
July	116	0	19	97	0	22
August	92	0	12	80	0	17
September	132	0	12	120	0	15
October	250	2	10	238	4	13
November	234	1	19	214	2	27
December	150	2	18	130	2	27
Total	**1,640**	**9**	**170**	**1,461**	**12**	**237**

2024 - Driver Statistics

Age Group	Gratiot County			Driver Rates	
	2024 Population	Licensed Drivers	Drivers in Crashes	Per 10k Population	Per 10k Licensed
0 - 15	6,940	230	4	5.8	173.9
16 - 17	998	627	66	661.3	1,052.6
18 - 24	4,839	2,644	310	640.6	1,172.5
25 - 44	11,106	8,437	727	654.6	861.7
45 - 64	9,989	8,576	585	585.6	682.1
65 +	7,500	7,721	269	358.7	348.4
Unknown	0	0	61	- -	- -
Total	**41,372**	**28,235**	**2,022**	**488.7**	**716.1**

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	1,534	75.9	7	53.8	195	1,332
Motor Home	3	0.1	0	0.0	0	3
Pickup Truck	362	17.9	5	38.5	42	315
Small Truck Under 10,000 lbs. GVWR	10	0.5	0	0.0	0	10
Motorcycle	15	0.7	1	7.7	9	5
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)	4	0.2	0	0.0	3	1
Other (non-registered farm equipment, construction equipment, snow plows, etc.)	9	0.4	0	0.0	0	9
Truck/Bus (over 10,000 lbs. GVWR/8+ occupants/hazmat placard)	60	3.0	0	0.0	12	48
Uncoded & Errors	25	1.2	0	0.0	1	24
Total	**2,022**	**100.0**	**13**	**100.0**	**262**	**1,747**

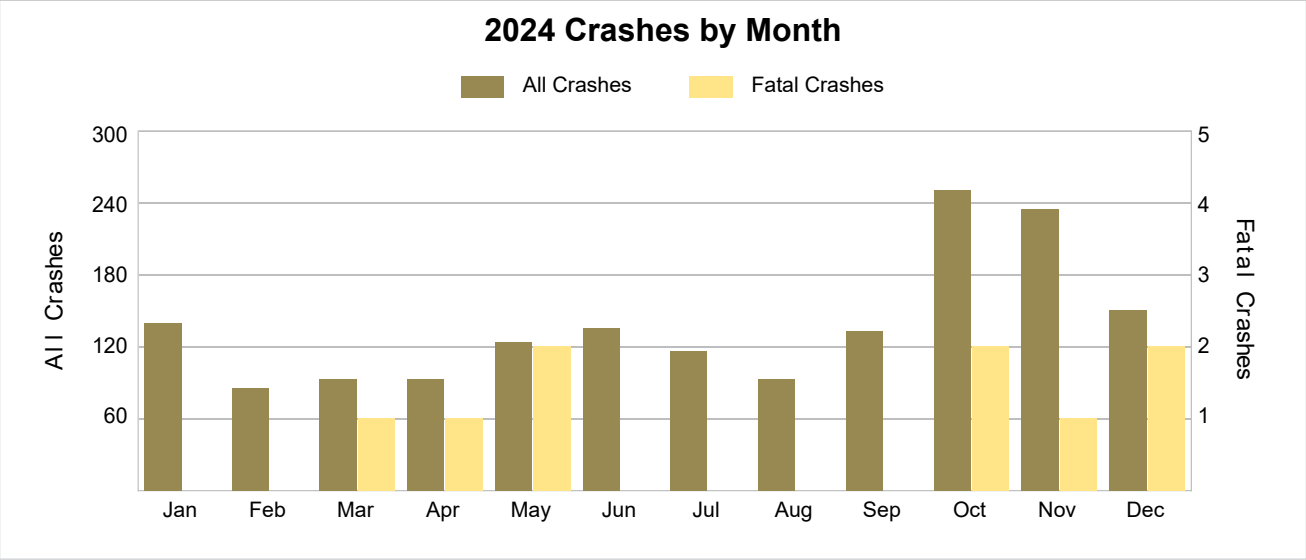
Gratiot County (continued)

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	140	2	146	0	148	1	138	1	139	0
February	144	0	153	0	116	0	114	0	85	0
March	72	0	96	0	98	0	110	0	92	1
April	58	0	76	2	94	0	76	0	92	1
May	83	1	96	0	105	0	123	0	123	2
June	122	0	102	0	103	1	123	2	135	0
July	98	2	141	0	94	0	116	1	116	0
August	88	0	90	1	80	0	117	1	92	0
September	119	0	138	1	119	0	98	1	132	0
October	200	0	197	0	217	1	237	0	250	2
November	200	1	211	1	263	2	228	0	234	1
December	133	0	160	0	146	0	128	1	150	2
Total	**1,457**	**6**	**1,606**	**5**	**1,583**	**5**	**1,608**	**7**	**1,640**	**9**

5-Year Trend - Crashes by Day of Week

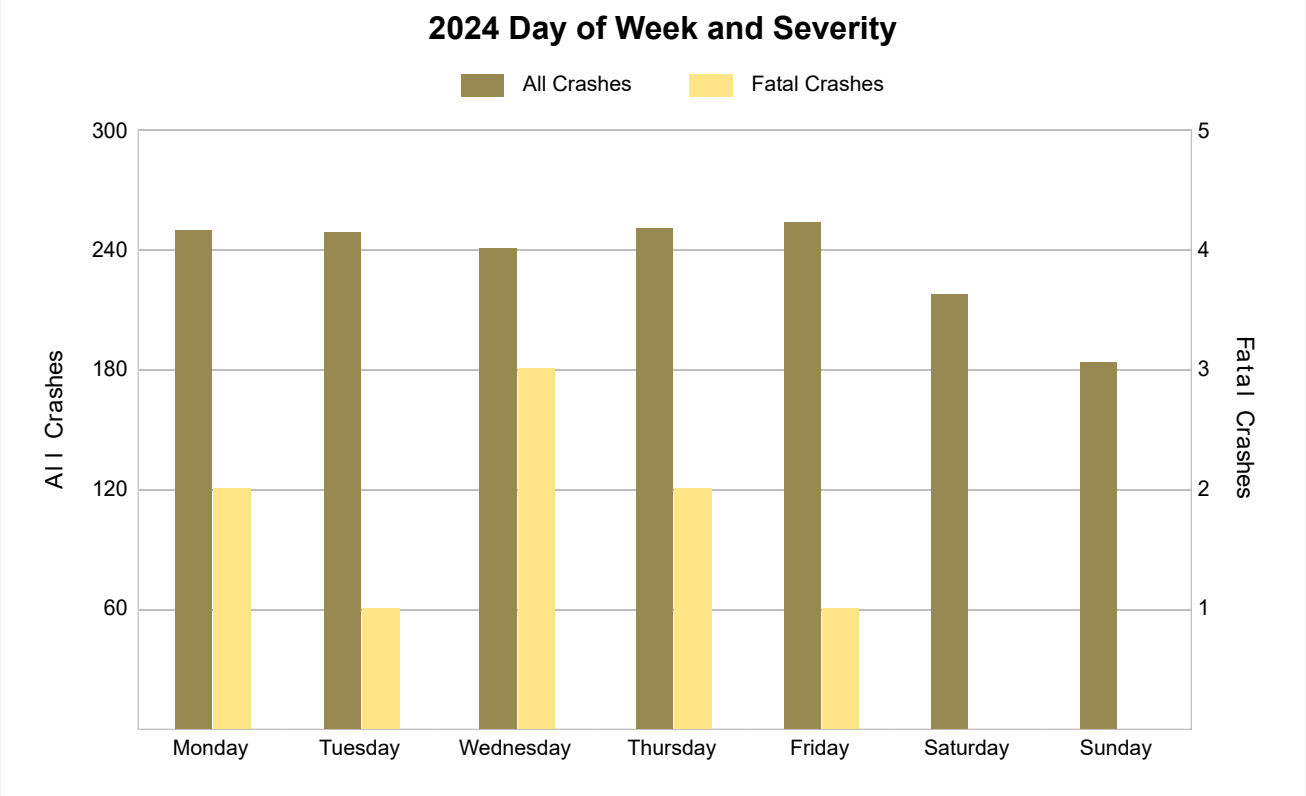
Day	2020		2021		2022		2023		2024	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Monday	187	0	243	1	205	0	228	0	249	2
Tuesday	204	0	227	1	256	1	230	2	248	1
Wednesday	234	1	212	0	227	0	255	0	240	3
Thursday	227	0	277	0	256	0	252	3	250	2
Friday	203	2	237	2	251	3	242	0	253	1
Saturday	191	3	219	0	210	1	203	0	217	0
Sunday	211	0	191	1	178	0	198	2	183	0
Total	**1,457**	**6**	**1,606**	**5**	**1,583**	**5**	**1,608**	**7**	**1,640**	**9**



Gratiot County (continued)

2024 - Crashes by Day of Week

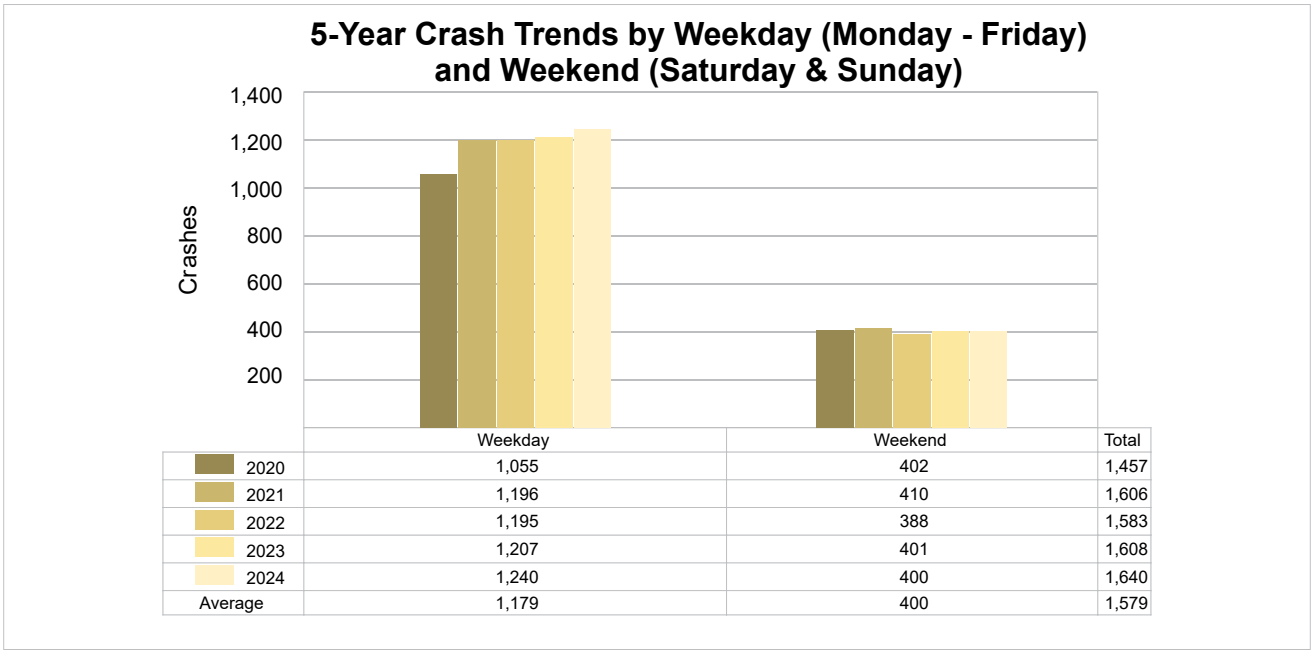
Day	All Crashes		Fatal Crashes		Injury Crashes			PDO Crashes
	Number	% of Total	Fatal	% of Fatal	A	B	C	Number
Monday	249	15.2	2	22.2	1	9	8	229
Tuesday	248	15.1	1	11.1	4	13	14	216
Wednesday	240	14.6	3	33.3	8	9	12	208
Thursday	250	15.2	2	22.2	4	12	11	221
Friday	253	15.4	1	11.1	3	9	17	223
Saturday	217	13.2	0	0.0	3	9	9	196
Sunday	183	11.2	0	0.0	3	8	4	168
Total	**1,640**	**100.0**	**9**	**100.0**	**26**	**69**	**75**	**1,461**



Gratiot 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	1,055	3	1,196	4	1,195	4	1,207	5	1,240	9
Weekend	402	3	410	1	388	1	401	2	400	0
Total	**1,457**	**6**	**1,606**	**5**	**1,583**	**5**	**1,608**	**7**	**1,640**	**9**

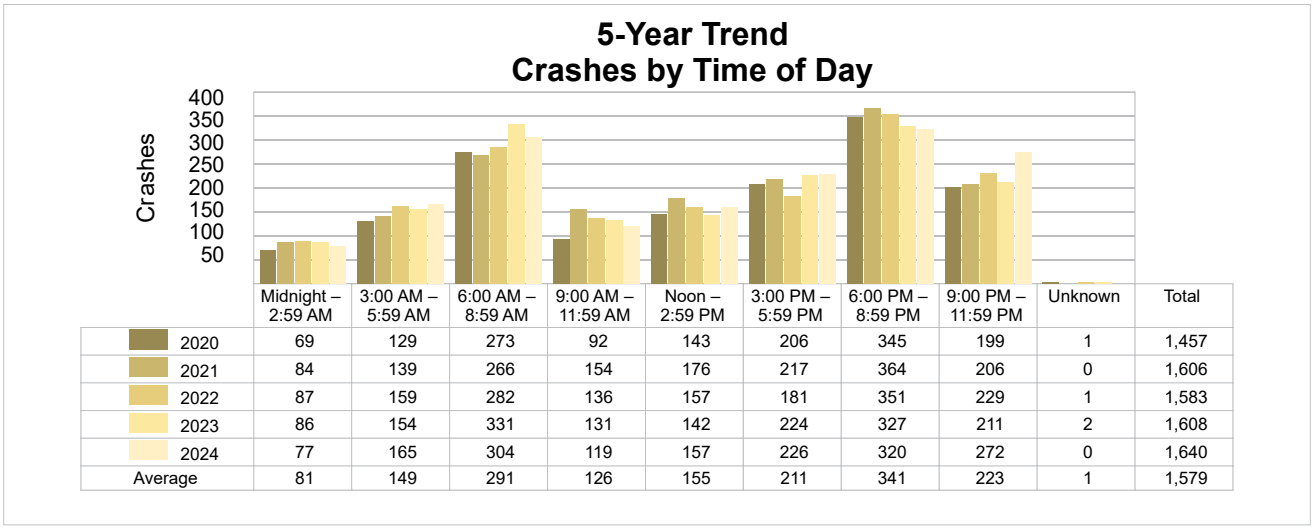


	Weekday	Weekend	Total
2020	1,055	402	1,457
2021	1,196	410	1,606
2022	1,195	388	1,583
2023	1,207	401	1,608
2024	1,240	400	1,640
Average	1,179	400	1,579

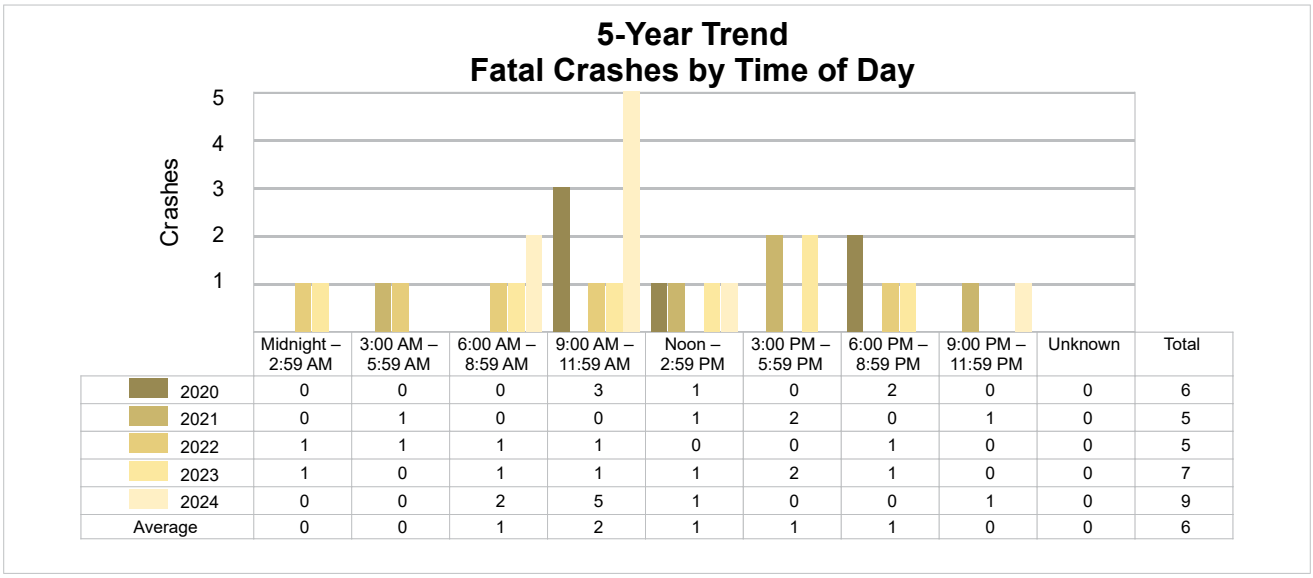
Gratiot County (continued)

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	69	0	84	0	87	1	86	1	77	0
3:00 AM – 5:59 AM	129	0	139	1	159	1	154	0	165	0
6:00 AM – 8:59 AM	273	0	266	0	282	1	331	1	304	2
9:00 AM – 11:59 AM	92	3	154	0	136	1	131	1	119	5
Noon – 2:59 PM	143	1	176	1	157	0	142	1	157	1
3:00 PM – 5:59 PM	206	0	217	2	181	0	224	2	226	0
6:00 PM – 8:59 PM	345	2	364	0	351	1	327	1	320	0
9:00 PM – 11:59 PM	199	0	206	1	229	0	211	0	272	1
Unknown	1	0	0	0	1	0	2	0	0	0
Total	**1,457**	**6**	**1,606**	**5**	**1,583**	**5**	**1,608**	**7**	**1,640**	**9**



	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	69	129	273	92	143	206	345	199	1	1,457
2021	84	139	266	154	176	217	364	206	0	1,606
2022	87	159	282	136	157	181	351	229	1	1,583
2023	86	154	331	131	142	224	327	211	2	1,608
2024	77	165	304	119	157	226	320	272	0	1,640
Average	81	149	291	126	155	211	341	223	1	1,579

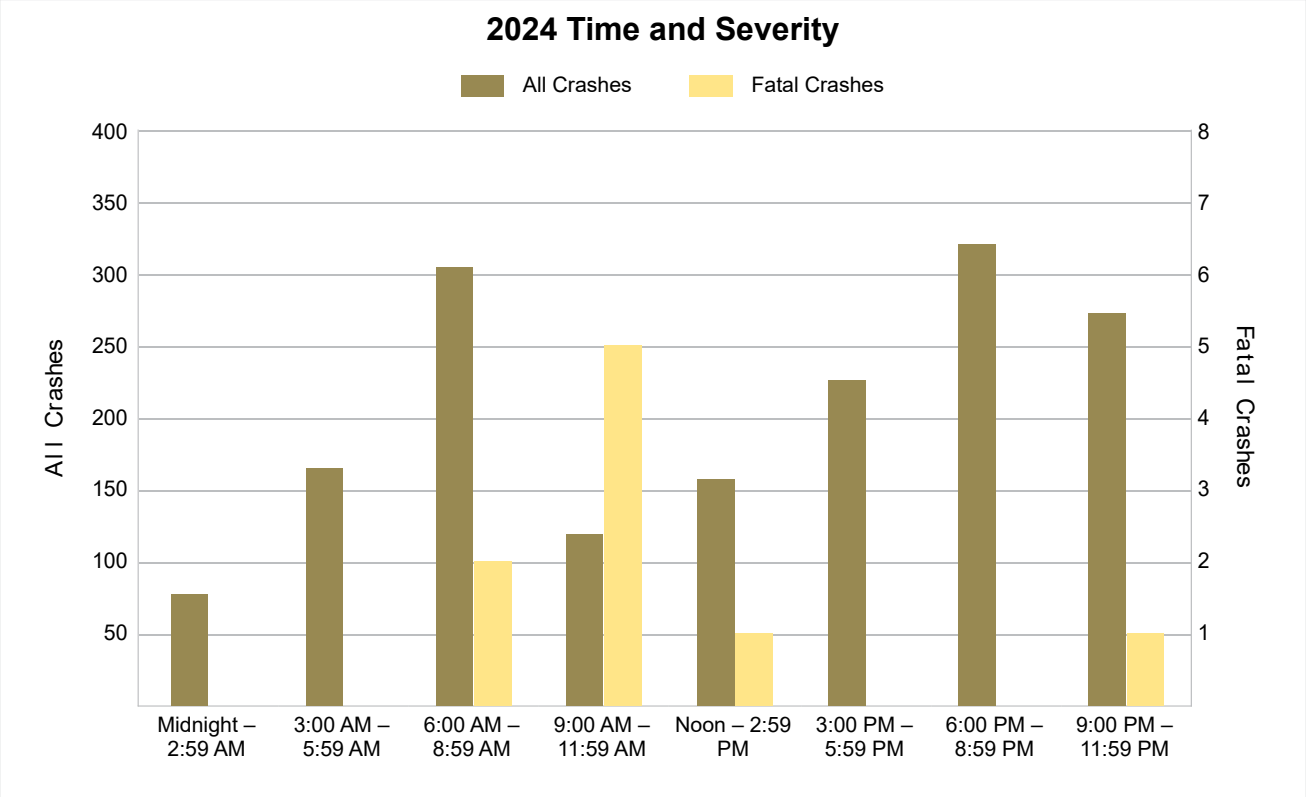


	Midnight – 2:59 AM	3:00 AM – 5:59 AM	6:00 AM – 8:59 AM	9:00 AM – 11:59 AM	Noon – 2:59 PM	3:00 PM – 5:59 PM	6:00 PM – 8:59 PM	9:00 PM – 11:59 PM	Unknown	Total
2020	0	0	0	3	1	0	2	0	0	6
2021	0	1	0	0	1	2	0	1	0	5
2022	1	1	1	1	0	0	1	0	0	5
2023	1	0	1	1	1	2	1	0	0	7
2024	0	0	2	5	1	0	0	1	0	9
Average	0	0	1	2	1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

Gratiot 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	77	4.7	0	0.0	1	5	3	68
3:00 AM – 5:59 AM	165	10.1	0	0.0	0	6	5	154
6:00 AM – 8:59 AM	304	18.5	2	22.2	3	5	12	282
9:00 AM – 11:59 AM	119	7.3	5	55.6	5	11	3	95
Noon – 2:59 PM	157	9.6	1	11.1	7	13	11	125
3:00 PM – 5:59 PM	226	13.8	0	0.0	6	11	20	189
6:00 PM – 8:59 PM	320	19.5	0	0.0	2	11	13	294
9:00 PM – 11:59 PM	272	16.6	1	11.1	2	7	8	254
Unknown	0	0.0	0	0.0	0	0	0	0
Total	**1,640**	**100.0**	**9**	**100.0**	**26**	**69**	**75**	**1,461**

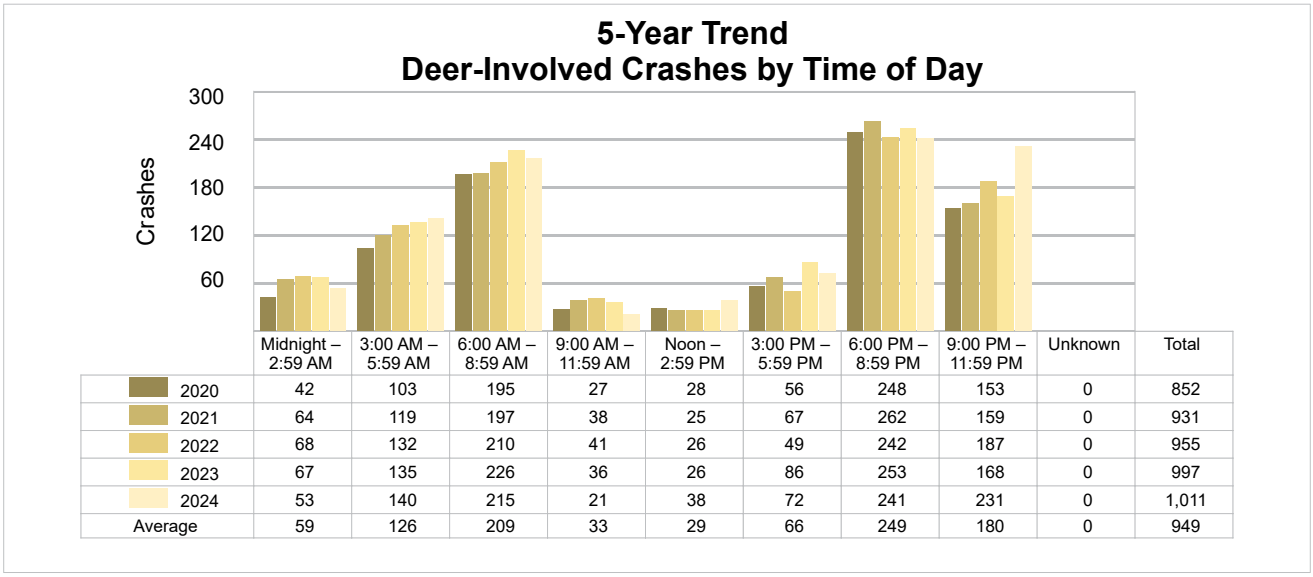


Gratiot County (continued)

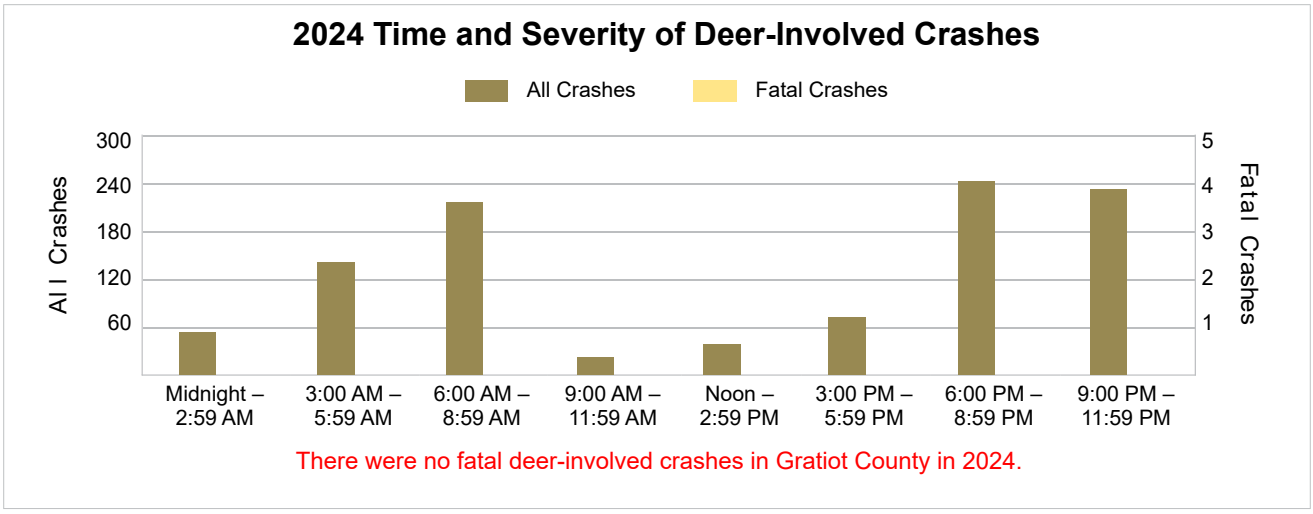
5-Year Trend - Deer-Involved Crashes by Time of Day

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	64	0	68	0	67	0	53	0
3:00 AM – 5:59 AM	103	0	119	0	132	0	135	0	140	0
6:00 AM – 8:59 AM	195	0	197	0	210	0	226	0	215	0
9:00 AM – 11:59 AM	27	0	38	0	41	0	36	0	21	0
Noon – 2:59 PM	28	0	25	0	26	0	26	0	38	0
3:00 PM – 5:59 PM	56	0	67	0	49	0	86	0	72	0
6:00 PM – 8:59 PM	248 †	0	262 †	0	242 †	0	253 †	0	241 †	0
9:00 PM – 11:59 PM	153	0	159	0	187	0	168	0	231	0
Unknown	0	0	0	0	0	0	0	0	0	0
Total	**852**	**0**	**931**	**0**	**955**	**0**	**997**	**0**	**1,011**	**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	42	103	195	27	28	56	248	153	0	852
2021	64	119	197	38	25	67	262	159	0	931
2022	68	132	210	41	26	49	242	187	0	955
2023	67	135	226	36	26	86	253	168	0	997
2024	53	140	215	21	38	72	241	231	0	1,011
Average	59	126	209	33	29	66	249	180	0	949

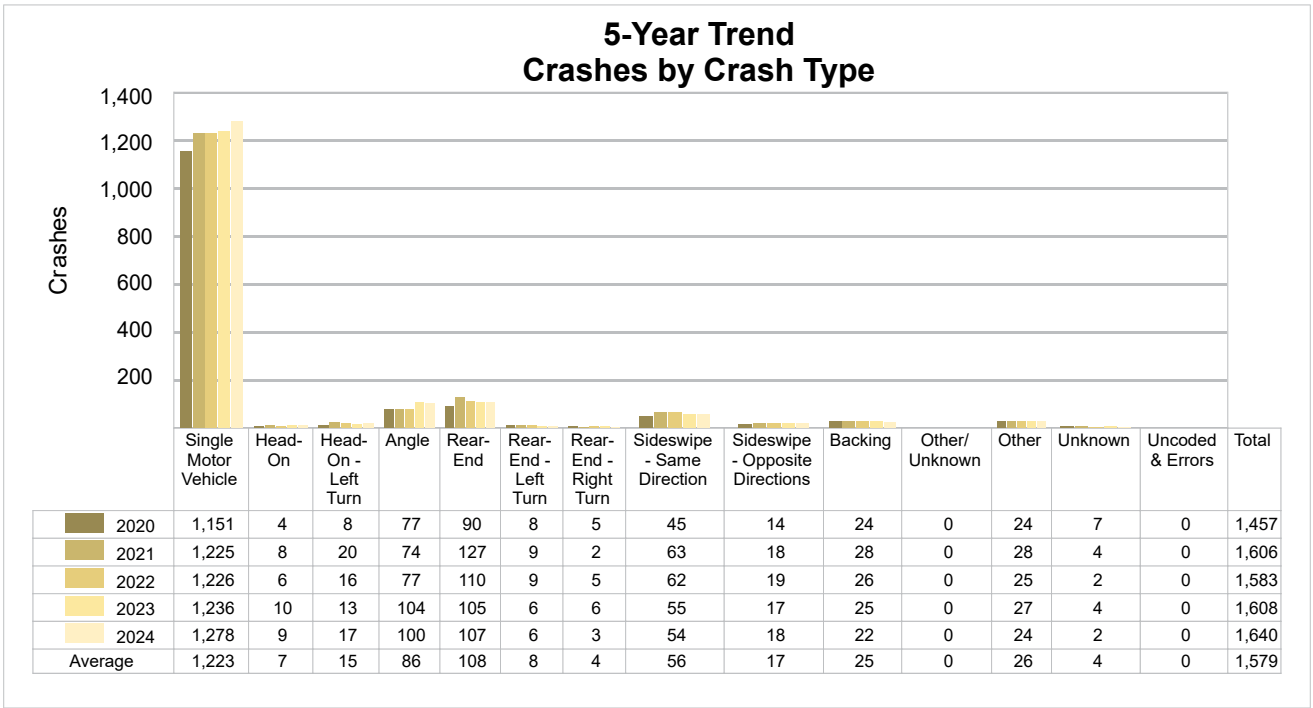


There were no fatal deer-involved crashes in Gratiot County in 2024.

Gratiot 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	1,151	3	1,225	4	1,226	1	1,236	1	1,278	5
Head-On	4	0	8	0	6	2	10	3	9	1
Head-On - Left Turn	8	0	20	1	16	0	13	0	17	1
Angle	77	2	74	0	77	2	104	1	100	2
Rear-End	90	1	127	0	110	0	105	2	107	0
Rear-End - Left Turn	8	0	9	0	9	0	6	0	6	0
Rear-End - Right Turn	5	0	2	0	5	0	6	0	3	0
Sideswipe - Same Direction	45	0	63	0	62	0	55	0	54	0
Sideswipe - Opposite Directions	14	0	18	0	19	0	17	0	18	0
Backing	24	0	28	0	26	0	25	0	22	0
Other/Unknown	0	0	0	0	0	0	0	0	0	0
Other	24	0	28	0	25	0	27	0	24	0
Unknown	7	0	4	0	2	0	4	0	2	0
Uncoded & Errors	0	0	0	0	0	0	0	0	0	0
Total	**1,457**	**6**	**1,606**	**5**	**1,583**	**5**	**1,608**	**7**	**1,640**	**9**

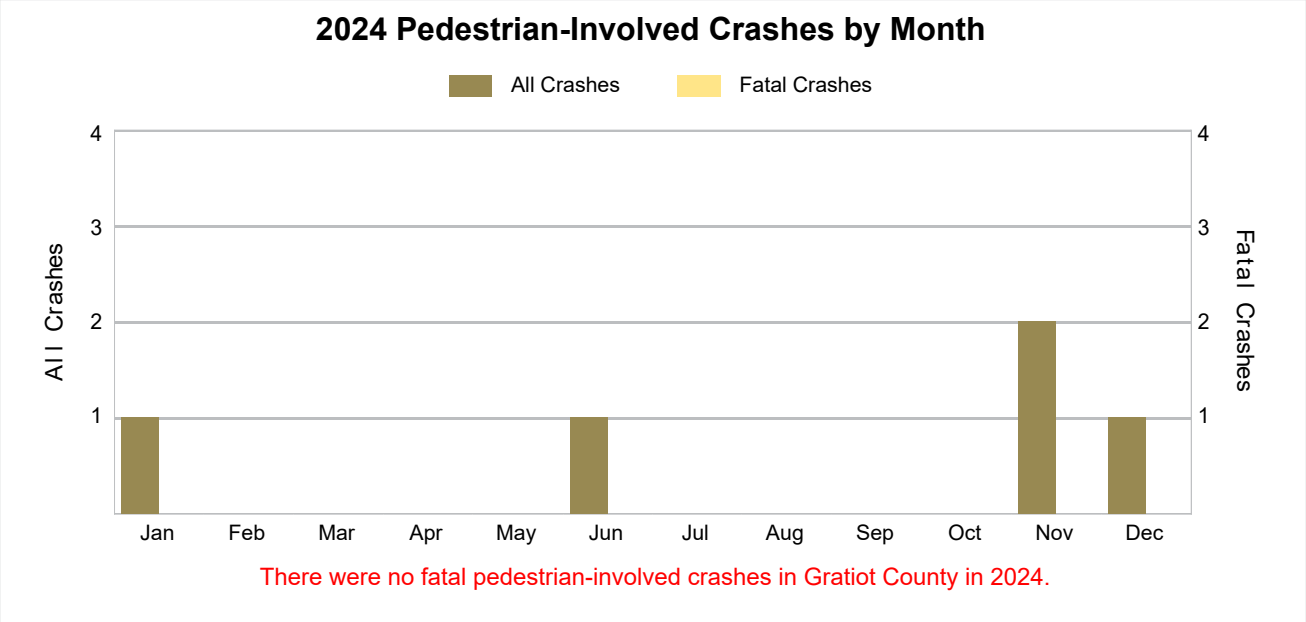


	Single Motor Vehicle	Head-On	Head-On - Left Turn	Angle	Rear-End	Rear-End - Left Turn	Rear-End - Right Turn	Sideswipe - Same Direction	Sideswipe - Opposite Directions	Backing	Other/ Unknown	Other	Unknown	Uncoded & Errors	Total
2020	1,151	4	8	77	90	8	5	45	14	24	0	24	7	0	1,457
2021	1,225	8	20	74	127	9	2	63	18	28	0	28	4	0	1,606
2022	1,226	6	16	77	110	9	5	62	19	26	0	25	2	0	1,583
2023	1,236	10	13	104	105	6	6	55	17	25	0	27	4	0	1,608
2024	1,278	9	17	100	107	6	3	54	18	22	0	24	2	0	1,640
Average	1,223	7	15	86	108	8	4	56	17	25	0	26	4	0	1,579

Gratiot County (continued)

5-Year Trend - Pedestrian-Involved Crashes by Month

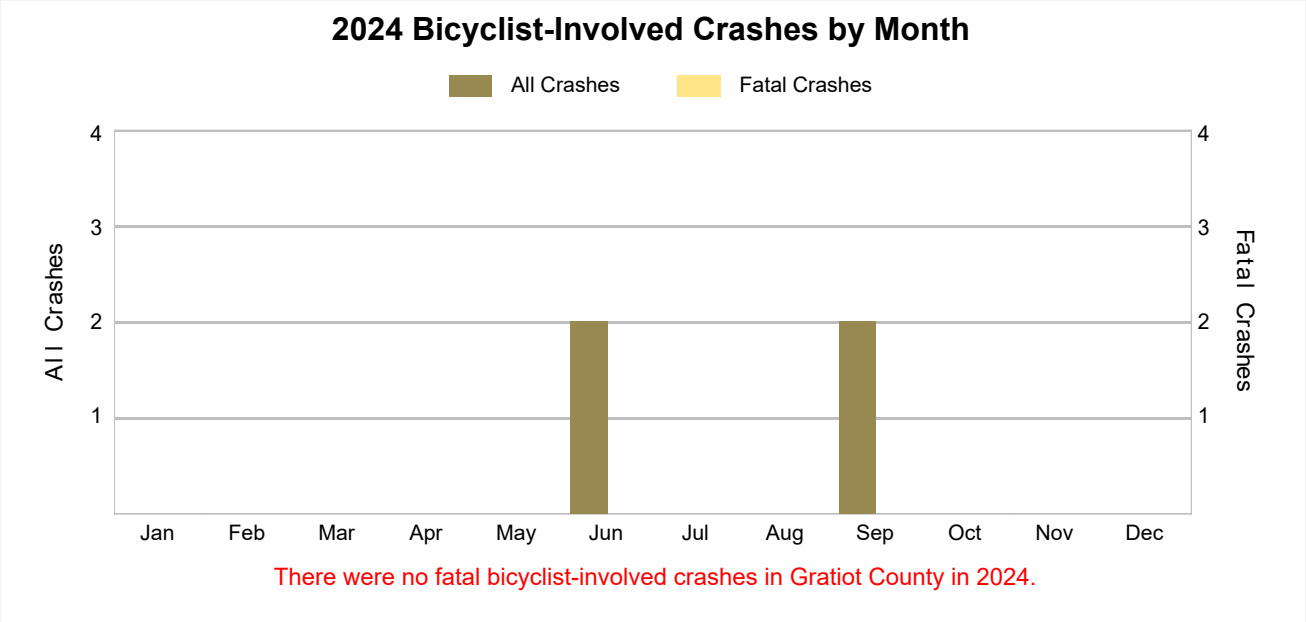
Month	2020		2021		2022		2023		2024	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
January	0	0	1	0	0	0	1	0	1	0
February	0	0	0	0	1	0	0	0	0	0
March	0	0	0	0	1	0	0	0	0	0
April	0	0	2	1	0	0	0	0	0	0
May	0	0	0	0	0	0	0	0	0	0
June	1	0	1	0	0	0	0	0	1	0
July	1	0	0	0	0	0	0	0	0	0
August	0	0	1	1	2	0	0	0	0	0
September	0	0	0	0	0	0	1	0	0	0
October	1	0	1	0	2	0	0	0	0	0
November	1	1	0	0	1	0	0	0	2	0
December	2	0	0	0	0	0	0	0	1	0
Total	**6**	**1**	**6**	**2**	**7**	**0**	**2**	**0**	**5**	**0**



Gratiot 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	1	0	0	0	0	0	1	0	0	0
May	0	0	0	0	0	0	0	0	0	0
June	0	0	1	0	1	0	0	0	2	0
July	0	0	0	0	0	0	0	0	0	0
August	0	0	1	0	0	0	2	0	0	0
September	0	0	1	0	0	0	0	0	2	0
October	0	0	0	0	1	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	**1**	**0**	**3**	**0**	**2**	**0**	**4**	**0**	**4**	**0**



Gratiot 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
Alma	120	0	17	103	0	49	0	71	6	4	22	4	1
Arcada Twp.	96	0	9	87	0	0	0	96	1	0	72	0	0
Ashley	1	0	0	1	0	0	0	1	0	0	1	0	0
Bethany Twp.	39	0	5	34	0	6	16	17	2	1	26	0	0
Breckenridge	11	0	4	7	0	0	6	5	1	0	2	0	0
Elba Twp.	46	1	1	44	0	0	25	21	2	0	36	0	0
Emerson Twp.	145	1	12	132	0	82	0	63	1	1	105	0	0
Fulton Twp.	53	1	3	49	0	0	22	31	3	0	39	0	0
Hamilton Twp.	41	0	2	39	0	0	0	41	0	0	36	0	0
Ithaca	54	0	5	49	0	32	0	22	0	0	30	0	0
Lafayette Twp.	38	0	2	36	0	0	0	38	0	0	31	0	0
New Haven Twp.	33	0	1	32	0	0	0	33	0	0	25	0	0
Newark Twp.	64	0	4	60	0	0	0	64	0	0	53	0	0
North Shade Twp.	36	0	5	31	0	0	21	15	1	0	27	0	0
North Star Twp.	133	1	13	119	0	74	0	59	5	0	67	0	0
Perrinton	4	0	0	4	0	0	2	2	0	0	2	0	0
Pine River Twp.	264	1	27	236	0	128	60	76	3	2	154	0	1
Seville Twp.	114	1	20	93	0	0	53	60	7	1	72	0	0
St. Louis	66	0	13	53	0	13	33	20	4	1	23	1	2
Sumner Twp.	99	1	9	89	0	0	0	99	2	0	78	0	0
Washington Twp.	113	0	9	104	0	69	21	22	3	1	65	0	0
Wheeler Twp.	70	2	9	59	0	0	29	41	1	0	45	0	0
Total	**1,640**	**9**	**170**	**1,461**	**0**	**453**	**288**	**897**	**42**	**11**	**1,011**	**5**	**4**

Gratiot County (continued)

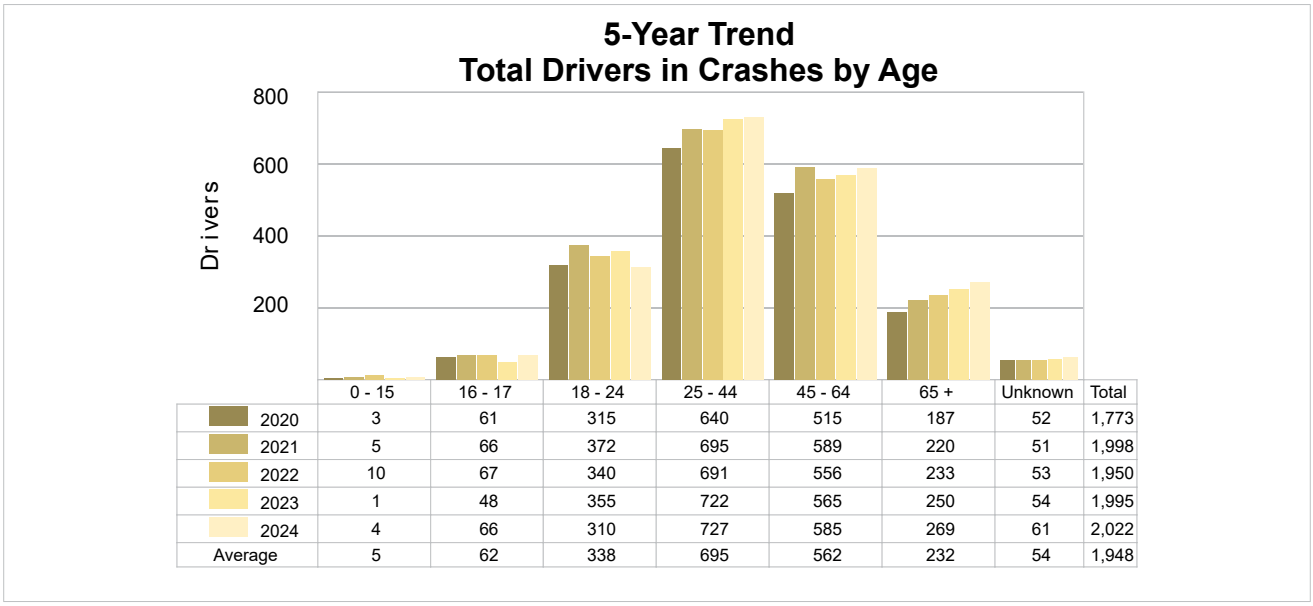
2024 - People in Reported Motor Vehicle Crashes by Municipality

Municipality	People					
	Fatalities	Suspected Serious Injuries	Suspected Minor Injuries	Possible Injuries	No Injuries	Uncoded & Errors
Alma	0	2	5	18	216	14
Arcada Twp.	0	2	5	6	113	0
Ashley	0	0	0	0	2	0
Bethany Twp.	0	0	1	5	42	1
Breckenridge	0	1	1	3	11	3
Elba Twp.	1	0	1	0	60	1
Emerson Twp.	1	0	6	6	177	2
Fulton Twp.	3	1	2	0	63	4
Hamilton Twp.	0	0	1	2	45	0
Ithaca	0	1	0	4	72	4
Lafayette Twp.	0	0	0	2	44	0
New Haven Twp.	0	1	1	1	39	0
Newark Twp.	0	1	3	1	79	1
North Shade Twp.	0	0	2	4	44	1
North Star Twp.	1	1	7	7	170	7
Perrinton	0	0	0	0	8	1
Pine River Twp.	1	1	17	26	383	9
Seville Twp.	2	9	10	14	142	4
St. Louis	0	3	8	4	120	3
Sumner Twp.	1	0	7	4	112	3
Washington Twp.	0	3	4	6	151	6
Wheeler Twp.	2	3	6	8	96	0
Total	**12**	**29**	**87**	**121**	**2,189**	**64**

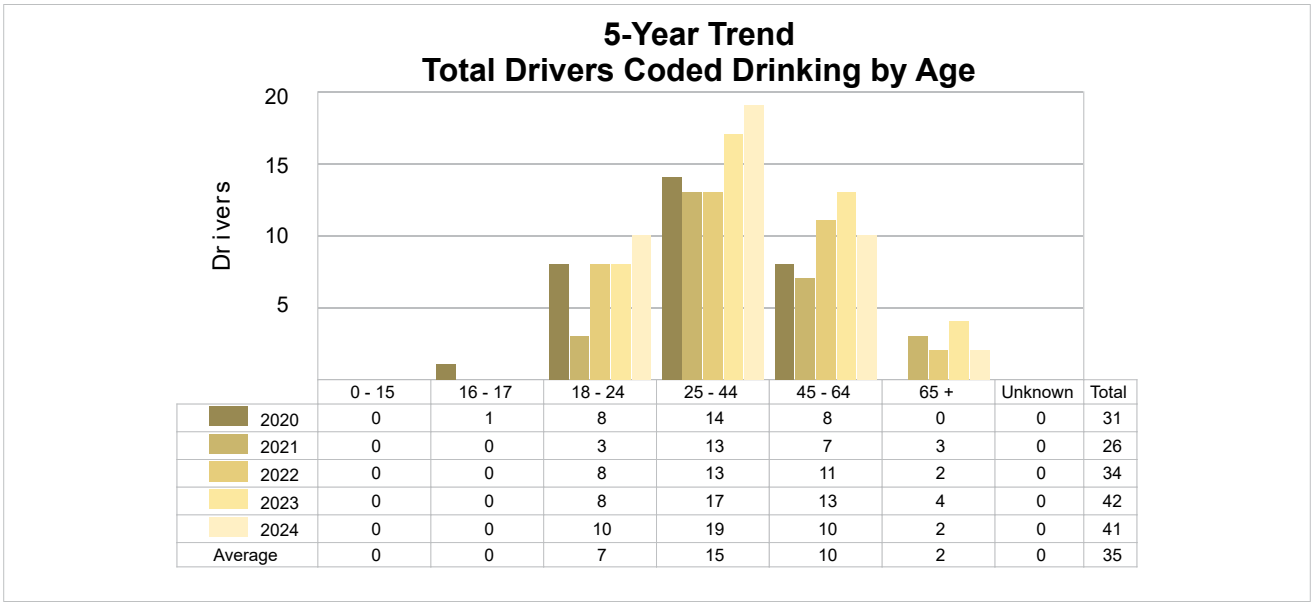
Gratiot County (continued)

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	3	0	5	0	10	0	1	0	4	0
16 - 17	61	1	66	0	67	0	48	0	66	0
18 - 24	315	8	372	3	340	8	355	8	310	10
25 - 44	640	14	695	13	691	13	722	17	727	19
45 - 64	515	8	589	7	556	11	565	13	585	10
65 +	187	0	220	3	233	2	250	4	269	2
Unknown	52	0	51	0	53	0	54	0	61	0
Total	**1,773**	**31**	**1,998**	**26**	**1,950**	**34**	**1,995**	**42**	**2,022**	**41**



	0 - 15	16 - 17	18 - 24	25 - 44	45 - 64	65 +	Unknown	Total
2020	3	61	315	640	515	187	52	1,773
2021	5	66	372	695	589	220	51	1,998
2022	10	67	340	691	556	233	53	1,950
2023	1	48	355	722	565	250	54	1,995
2024	4	66	310	727	585	269	61	2,022
Average	5	62	338	695	562	232	54	1,948



	0 - 15	16 - 17	18 - 24	25 - 44	45 - 64	65 +	Unknown	Total
2020	0	1	8	14	8	0	0	31
2021	0	0	3	13	7	3	0	26
2022	0	0	8	13	11	2	0	34
2023	0	0	8	17	13	4	0	42
2024	0	0	10	19	10	2	0	41
Average	0	0	7	15	10	2	0	35

Gratiot County (continued)

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

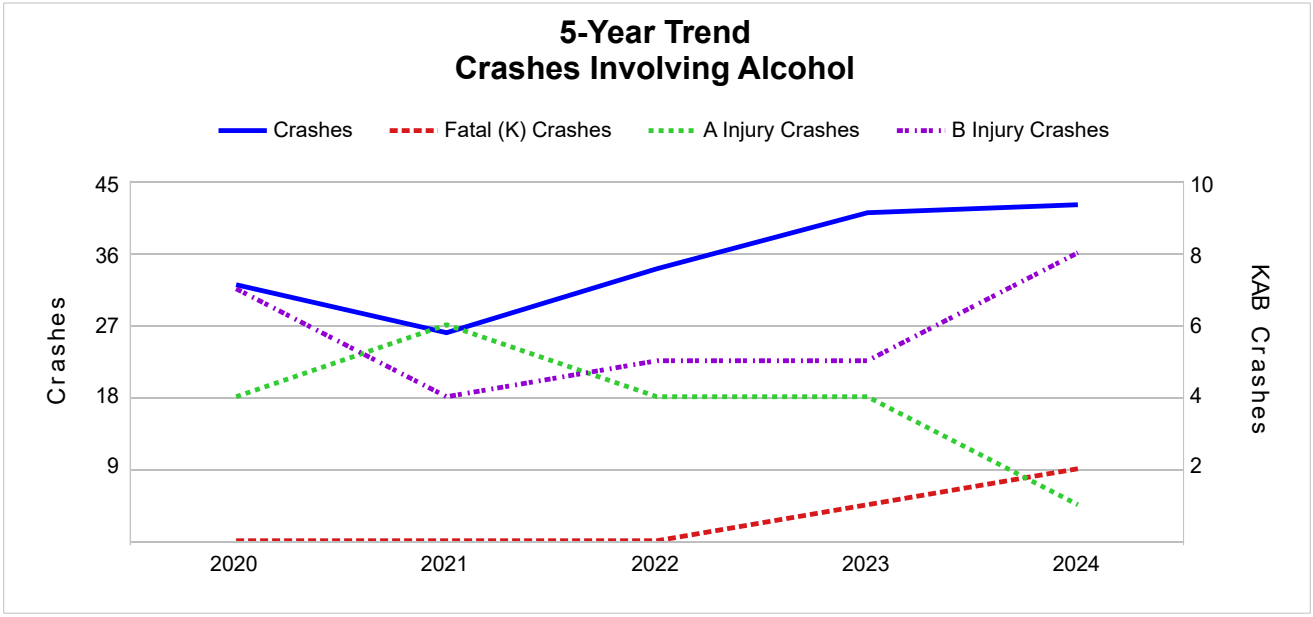
Age Group	Drivers				BAC Result Range for Drivers Coded Drinking				
	Total Drivers in Alcohol-Involved Crashes	Total Drivers Tested in all Crashes	Total Drivers Coded Drinking, Tested	Total Drivers Coded Drinking	BAC = 0.00	BAC 0.01 g/dL to 0.07 g/dL	BAC 0.08 g/dL to 0.16 g/dL	BAC 0.17 g/dL and Above	BAC Not Reported
0 - 15	0	1	0	0	0	0	0	0	0
16 - 17	0	0	0	0	0	0	0	0	0
18 - 24	10	14	9	10	0	3	3	3	1
25 - 44	24	21	15	19	0	3	5	7	4
45 - 64	15	10	8	10	0	0	4	4	2
65 +	3	3	2	2	0	0	1	1	0
Unknown	8	0	0	0	0	0	0	0	0
Total	**60**	**49**	**34**	**41**	**0**	**6**	**13**	**15**	**7**

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	1,457	32	2.2	6	0	0.0	24	4	16.7	52	7	13.5
2021	1,606	26	1.6	5	0	0.0	26	6	23.1	56	4	7.1
2022	1,583	34	2.1	5	0	0.0	23	4	17.4	54	5	9.3
2023	1,608	41	2.5	7	1	14.3	29	4	13.8	49	5	10.2
2024	1,640 **	42 **	2.6 **	9 **	2 **	22.2 **	26	1 *	3.8 *	69 **	8 **	11.6

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.

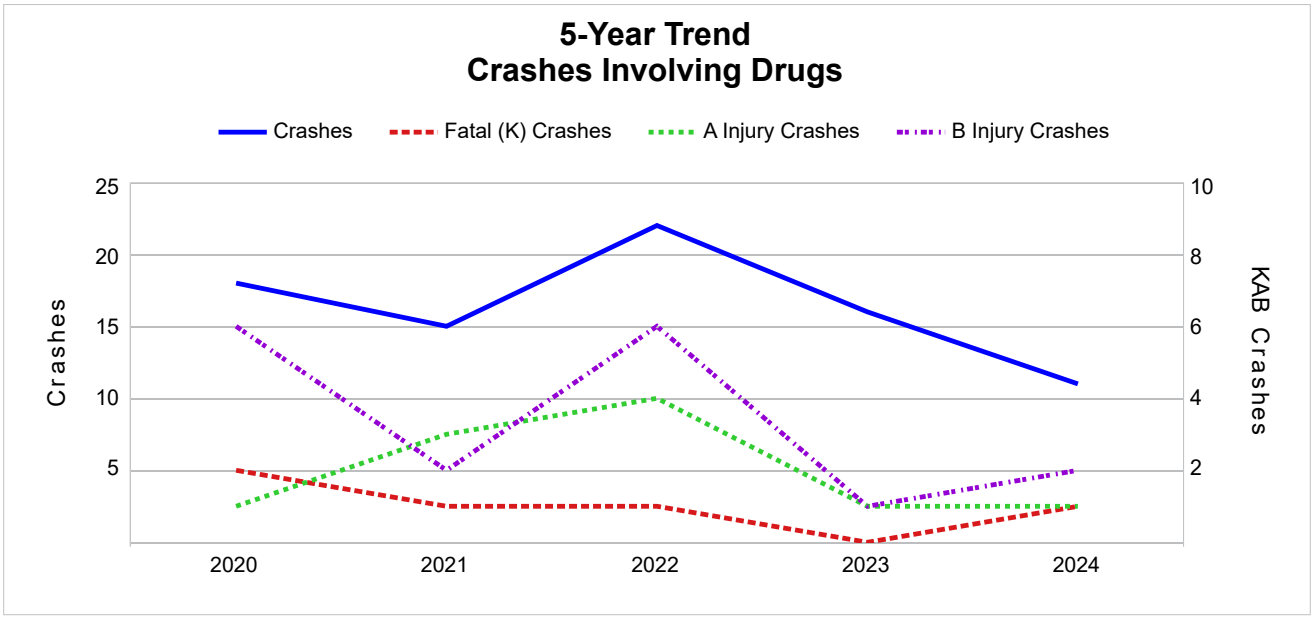


Gratiot County (continued)

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	1,457	18	1.2	6	2	33.3	24	1	4.2	52	6	11.5
2021	1,606	15	0.9	5	1	20.0	26	3	11.5	56	2	3.6
2022	1,583	22	1.4	5	1	20.0	23	4	17.4	54	6	11.1
2023	1,608	16	1.0	7	0	0.0	29	1	3.4	49	1	2.0
2024	1,640 **	11 *	0.7 *	9 **	1	11.1	26	1	3.8	69 **	2	2.9

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.

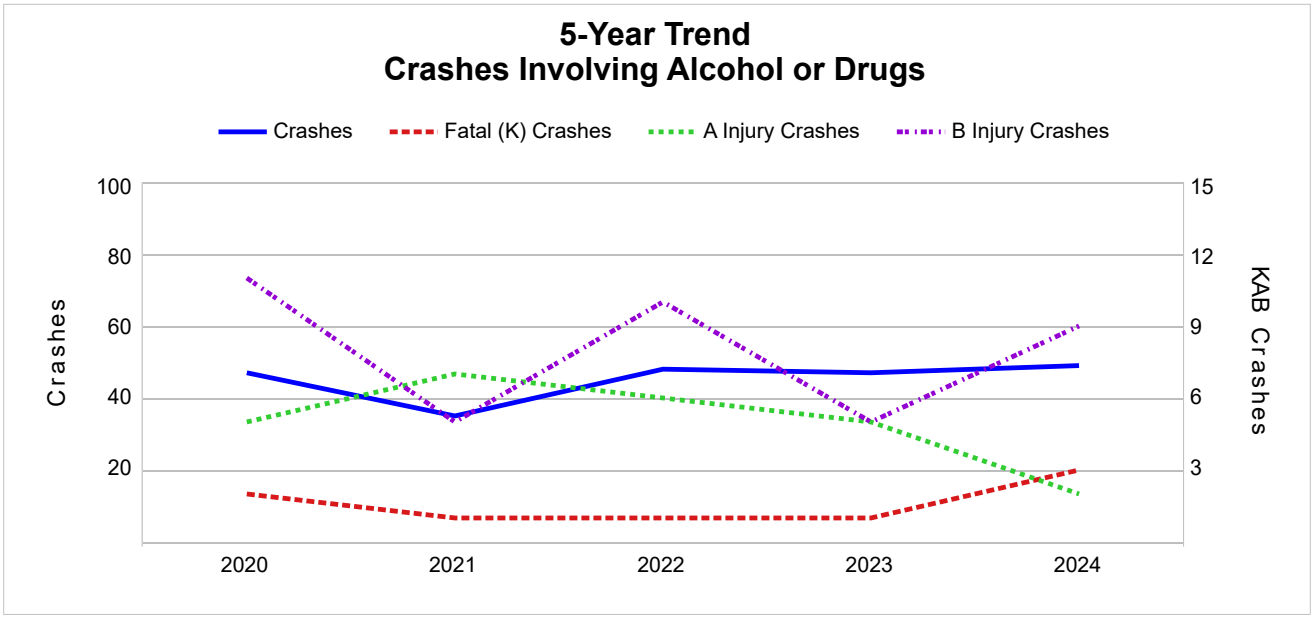


Gratiot County (continued)

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	1,457	47	3.2	6	2	33.3	24	5	20.8	52	11	21.2
2021	1,606	35	2.2	5	1	20.0	26	7	26.9	56	5	8.9
2022	1,583	48	3.0	5	1	20.0	23	6	26.1	54	10	18.5
2023	1,608	47	2.9	7	1	14.3	29	5	17.2	49	5	10.2
2024	1,640 **	49 **	3.0	9 **	3 **	33.3	26	2 *	7.7 *	69 **	9	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.



Gratiot 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	1,593	1,527	95.9	8	5	62.5	18	13	72.2	72	67	93.1	94	92	97.9	1,382	1,350	97.7
Motor Home	3	2	66.7	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	2	2	100.0
Pickup Truck	373	346	92.8	3	1	33.3	4	3	75.0	7	7	100.0	19	17	89.5	327	318	97.2
Small Truck Under 10,000 lbs. GVWR	10	9	90.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	10	9	90.0
Motorcycle	15	8	53.3	1	0	0.0	3	1	33.3	3	3	100.0	3	3	100.0	2	1	50.0
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)	5	5	100.0	0	0	0.0	2	2	100.0	0	0	0.0	1	1	100.0	2	2	100.0
Other (non-registered farm equipment, construction equipment, snow plows, etc.)	9	5	55.6	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	8	5	62.5
Truck/Bus (over 10,000 lbs. GVWR/ 8+ occupants/hazmat placard)	60	57	95.0	0	0	0.0	0	0	0.0	3	3	100.0	0	0	0.0	55	54	98.2
Uncoded & Errors	25	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0
Total	**2,093**	**1,959**	**93.6**	**12**	**6**	**50.0**	**27**	**19**	**70.4**	**85**	**80**	**94.1**	**117**	**113**	**96.6**	**1,788**	**1,741**	**97.4**

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	21	21	100.0	0	0	0.0	0	0	0.0	3	3	100.0	16	16	100.0	2	2	100.0
16 - 17	69	68	98.6	0	0	0.0	1	1	100.0	3	3	100.0	6	6	100.0	59	58	98.3
18 - 24	321	312	97.2	0	0	0.0	7	4	57.1	13	11	84.6	18	18	100.0	282	279	98.9
25 - 44	739	701	94.9	3	0	0.0	6	3	50.0	28	28	100.0	28	25	89.3	673	645	95.8
45 - 64	602	584	97.0	4	3	75.0	9	7	77.8	24	21	87.5	31	30	96.8	533	523	98.1
65 +	280	273	97.5	5	3	60.0	4	4	100.0	14	14	100.0	18	18	100.0	239	234	97.9
Unknown	61	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0
Total	**2,093**	**1,959**	**93.6**	**12**	**6**	**50.0**	**27**	**19**	**70.4**	**85**	**80**	**94.1**	**117**	**113**	**96.6**	**1,788**	**1,741**	**97.4**

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.

Gratiot 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	8	0	1	7	0	2	8	0	2	3	0	1	2	0	0
Shoulder Belt Only Used	11	0	1	8	0	1	9	0	1	10	0	2	7	0	0
Lap Belt Only Used	3	0	0	4	0	2	4	0	1	5	0	1	4	0	0
Both Lap & Shoulder Belt Used	1,639	0	116	1,853	0	128	1,805	4	131	1,849	3	134	1,876	4	145
No Belts Used	14	3	4	18	2	10	20	0	17	7	0	4	11	2	4
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	2	0	0
Restraint Use Unknown	76	0	1	91	0	2	90	0	5	105	1	7	107	2	2
Helmet Worn	12	1	8	12	0	7	7	0	4	5	1	3	9	0	8
Helmet Not Worn	10	0	9	5	0	4	7	0	5	10	1	7	4	1	2
Helmet Use Unknown	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0
Uncoded & Errors	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	**1,773**	**4**	**140**	**1,998**	**2**	**156**	**1,950**	**4**	**166**	**1,995**	**6**	**160**	**2,022**	**9**	**161**

5-Year Trend - Restraint Use Among Drivers Coded Drinking

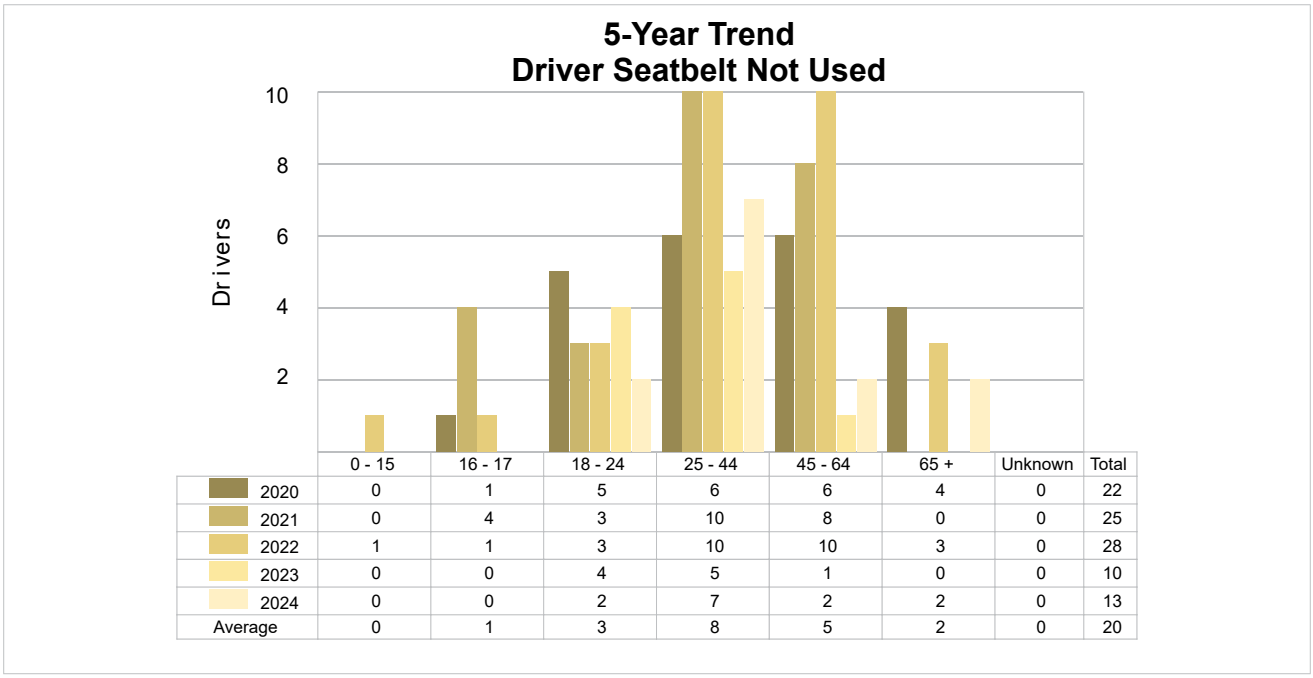
Restraint Use	2020			2021			2022			2023			2024		
	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers
No Belts Available	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0
Shoulder Belt Only Used	1	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	0	6	17	0	5	25	0	8	29	0	8	32	0	8
No Belts Used	2	0	1	3	0	3	4	0	4	2	0	1	2	1	0
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	5	0	1	5	0	1	5	0	1	6	0	3	6	1	1
Helmet Worn	0	0	0	1	0	1	0	0	0	1	0	1	0	0	0
Helmet Not Worn	0	0	0	0	0	0	0	0	0	3	1	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	**31**	**0**	**8**	**26**	**0**	**10**	**34**	**0**	**13**	**42**	**1**	**16**	**41**	**2**	**9**

Gratiot 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	0	0	0	0	0	0	0
16 - 17	1	0	1	4	0	4	1	0	1	0	0	0	0	0	0
18 - 24	5	1	1	3	0	1	3	0	3	4	0	2	2	0	2
25 - 44	6	0	2	10	0	5	10	0	8	5	0	3	7	0	2
45 - 64	6	0	1	8	2	2	10	0	6	1	0	0	2	1	0
65 +	4	2	0	0	0	0	3	0	1	0	0	0	2	1	0
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	**22**	**3**	**5**	**25**	**2**	**12**	**28**	**0**	**19**	**10**	**0**	**5**	**13**	**2**	**4**

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



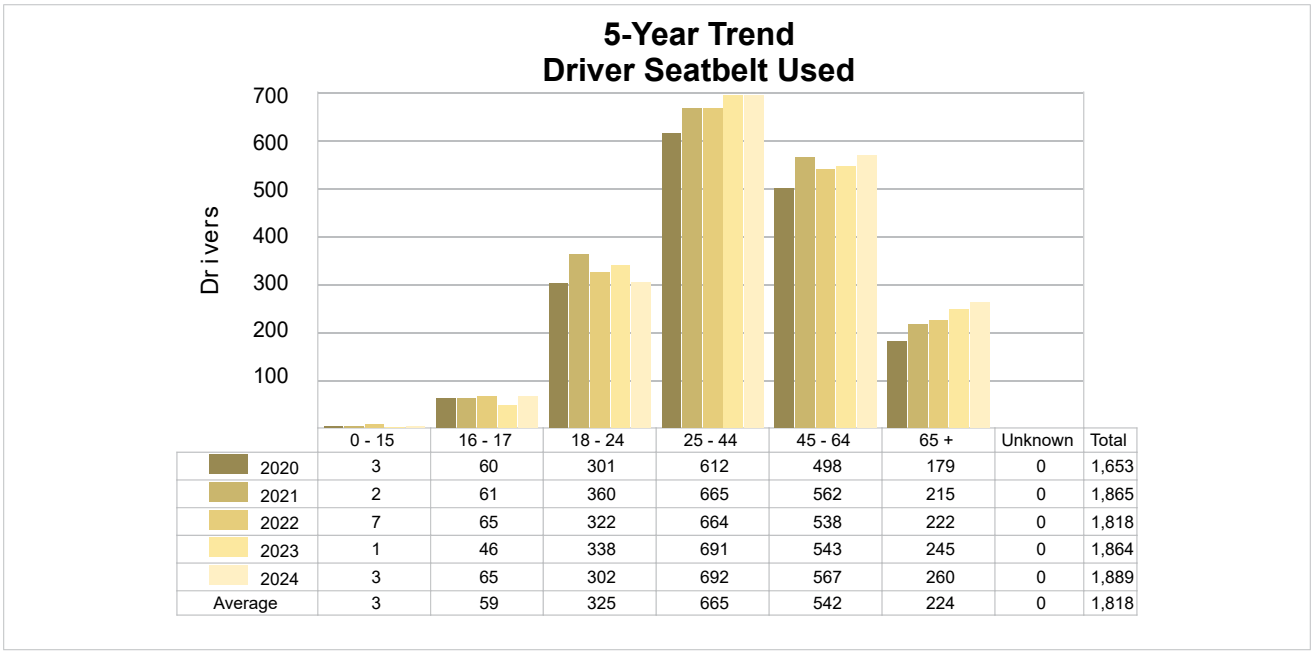
	0 - 15	16 - 17	18 - 24	25 - 44	45 - 64	65 +	Unknown	Total
2020	0	1	5	6	6	4	0	22
2021	0	4	3	10	8	0	0	25
2022	1	1	3	10	10	3	0	28
2023	0	0	4	5	1	0	0	10
2024	0	0	2	7	2	2	0	13
Average	0	1	3	8	5	2	0	20

Gratiot 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	3	0	0	2	0	0	7	0	0	1	0	0	3	0	1
16 - 17	60	0	8	61	0	5	65	0	5	46	0	5	65	0	7
18 - 24	301	0	25	360	0	36	322	3	17	338	0	31	302	0	23
25 - 44	612	0	41	665	0	41	664	1	48	691	1	46	692	0	47
45 - 64	498	0	34	562	0	35	538	0	39	543	0	28	567	2	42
65 +	179	0	9	215	0	14	222	0	24	245	2	27	260	2	25
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	**1,653**	**0**	**117**	**1,865**	**0**	**131**	**1,818**	**4**	**133**	**1,864**	**3**	**137**	**1,889**	**4**	**145**

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	3	60	301	612	498	179	0	1,653
2021	2	61	360	665	562	215	0	1,865
2022	7	65	322	664	538	222	0	1,818
2023	1	46	338	691	543	245	0	1,864
2024	3	65	302	692	567	260	0	1,889
Average	3	59	325	665	542	224	0	1,818

Gratiot 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	1,249	4	1,394	2	1,407	3	1,447	6	1,478	4
Speed Too Fast	126	0	138	0	109	1	88	0	97	2
Speed Too Slow	0	0	1	0	0	0	0	0	0	0
Failed to Yield	70	1	95	0	97	1	109	0	110	1
Disregard Traffic Control	16	1	17	0	19	1	24	1	26	2
Drove Wrong Way	0	0	0	0	1	0	0	0	2	0
Drove Left of Center	6	0	7	0	4	0	3	1	6	0
Improper Passing	7	0	6	0	9	0	6	0	11	0
Improper Lane Use	15	0	18	0	14	0	20	0	24	0
Improper Turn	10	0	4	0	9	0	12	0	5	0
Improper/No Signal	0	0	0	0	0	0	1	0	0	0
Improper Backing	23	0	30	0	32	0	24	0	23	0
Unable to Stop in Assured Clear Distance	92	0	124	0	106	0	99	2	94	0
Other	36	1	35	0	35	1	30	1	33	0
Unknown	36	1	32	2	35	3	51	1	26	2
Reckless Driving	4	0	8	0	9	0	9	0	10	1
Careless/Negligent Driving	83	1	89	2	64	0	72	1	77	1
Uncoded & Errors	0	0	0	0	0	0	0	0	0	0
Total	**1,773**	**9**	**1,998**	**6**	**1,950**	**10**	**1,995**	**13**	**2,022**	**13**

Office of Highway Safety Planning

Physical Address:
7150 Harris Drive
Dimondale, Michigan 48821

Mailing Address:
P.O. Box 30634
Lansing, Michigan 48909

Find us on the web:
MichiganTrafficCrashFacts.org
mtcf-info@umich.edu

