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.

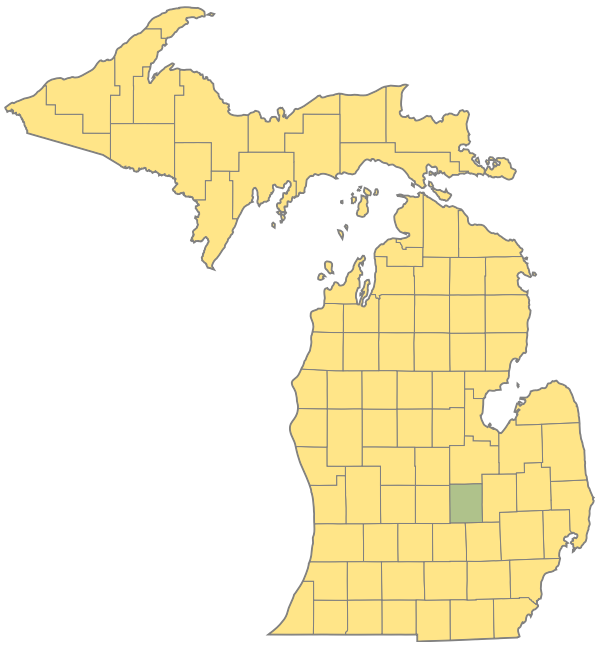
Examples: Age, injury severity, and seat belt or helmet use.

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

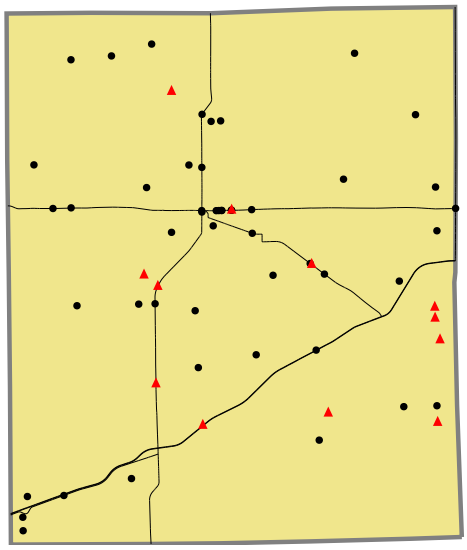
Shiawassee County

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.

Shiawassee County



Crashes by most severe injury (mapped/actual)
▲ K - Fatal (12/12)
● A - Suspected Serious (49/49)

2024 - Crashes and Injury by Month

Month	Crashes				People	
	Total	Fatal	Injury	Property Damage Only (PDO)	Fatalities	Injuries
January	207	1	18	188	1	25
February	144	0	16	128	0	21
March	148	1	24	123	1	31
April	119	0	15	104	0	19
May	164	0	28	136	0	45
June	173	1	25	147	1	30
July	151	3	22	126	3	31
August	123	2	18	103	2	22
September	161	1	34	126	2	49
October	275	1	41	233	1	57
November	263	1	24	238	1	32
December	227	1	21	205	1	29
Total	**2,155**	**12**	**286**	**1,857**	**13**	**391**

2024 - Driver Statistics

Age Group	Shiawassee County			Driver Rates	
	2024 Population	Licensed Drivers	Drivers in Crashes	Per 10k Population	Per 10k Licensed
0 - 15	12,102	309	7	5.8	226.5
16 - 17	1,728	1,058	75	434.0	708.9
18 - 24	5,028	4,694	436	867.1	928.8
25 - 44	16,744	15,520	1,052	628.3	677.8
45 - 64	18,202	17,153	809	444.5	471.6
65 +	14,178	14,974	380	268.0	253.8
Unknown	0	0	86	- -	- -
Total	**67,982**	**53,708**	**2,845**	**418.5**	**529.7**

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	2,126	74.7	9	50.0	330	1,787
Motor Home	3	0.1	0	0.0	1	2
Pickup Truck	541	19.0	3	16.7	72	466
Small Truck Under 10,000 lbs. GVWR	5	0.2	0	0.0	0	5
Motorcycle	28	1.0	5	27.8	18	5
Moped/Goped	6	0.2	0	0.0	6	0
Go-Cart/Golf Cart	2	0.1	0	0.0	1	1
Snowmobile	0	0.0	0	0.0	0	0
Off-Road Vehicle (ORV)/All-Terrain Vehicle (ATV)	8	0.3	0	0.0	8	0
Other (non-registered farm equipment, construction equipment, snow plows, etc.)	13	0.5	0	0.0	2	11
Truck/Bus (over 10,000 lbs. GVWR/8+ occupants/hazmat placard)	78	2.7	1	5.6	10	67
Uncoded & Errors	35	1.2	0	0.0	4	31
Total	**2,845**	**100.0**	**18**	**100.0**	**452**	**2,375**

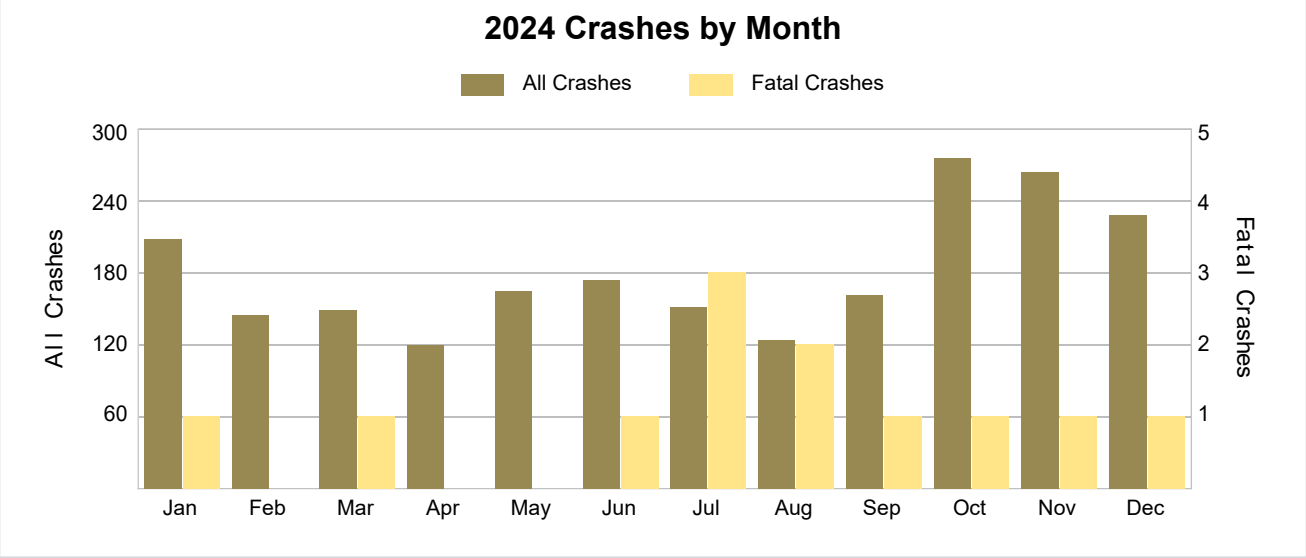
Shiawassee County (continued)

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	204	1	185	0	208	2	198	1	207	1
February	205	1	162	0	164	0	145	0	144	0
March	104	0	122	1	159	0	150	0	148	1
April	55	0	104	0	129	0	129	0	119	0
May	94	1	148	0	187	1	175	0	164	0
June	160	1	184	0	159	1	170	3	173	1
July	133	0	153	1	119	1	154	0	151	3
August	142	1	138	0	143	1	133	1	123	2
September	168	0	150	2	155	2	149	1	161	1
October	262	1	257	1	232	0	277	3	275	1
November	232	0	293	0	303	0	324	0	263	1
December	171	2	210	0	206	0	197	0	227	1
Total	**1,930**	**8**	**2,106**	**5**	**2,164**	**8**	**2,201**	**9**	**2,155**	**12**

5-Year Trend - Crashes by Day of Week

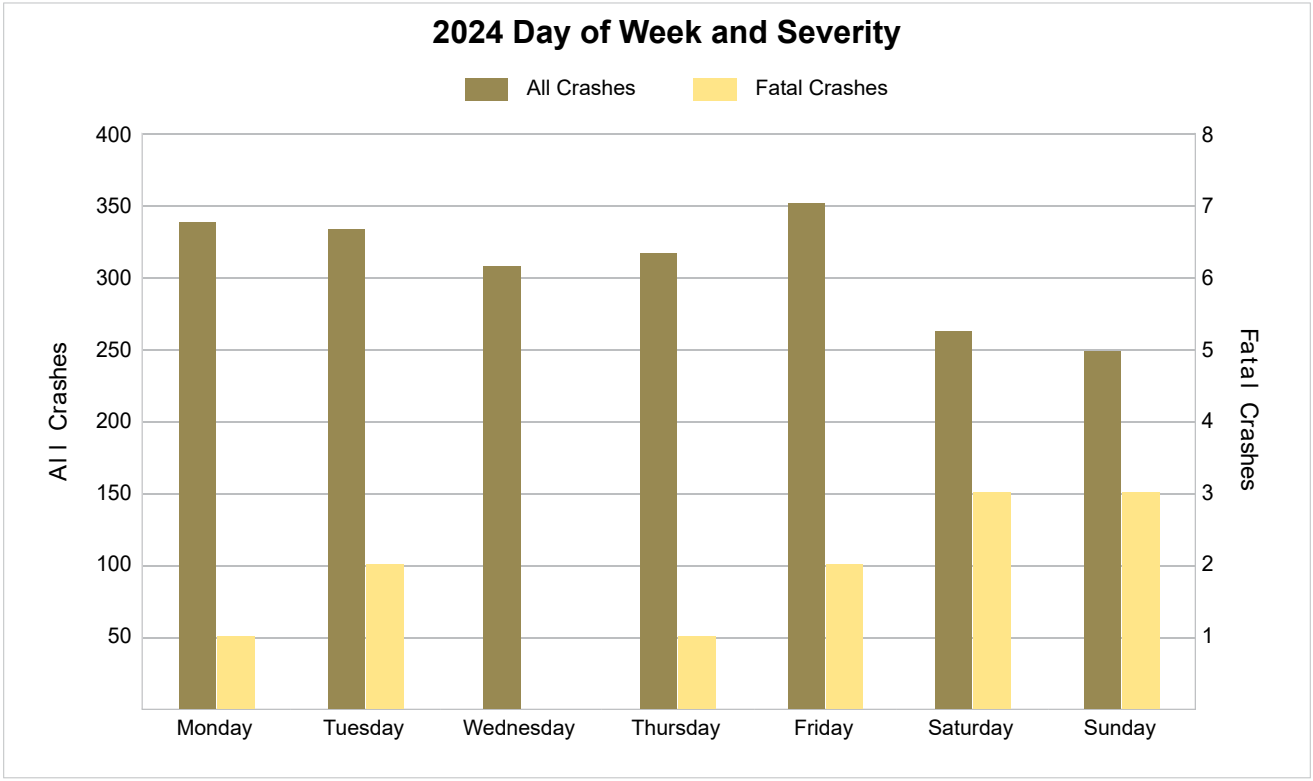
Day	2020		2021		2022		2023		2024	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Monday	249	0	317	0	286	0	328	2	338	1
Tuesday	241	1	333	0	319	1	318	3	333	2
Wednesday	334	2	307	1	345	1	337	1	307	0
Thursday	315	0	294	2	316	2	343	1	316	1
Friday	307	0	320	1	362	1	341	1	351	2
Saturday	277	2	287	0	286	3	257	1	262	3
Sunday	207	3	248	1	250	0	277	0	248	3
Total	**1,930**	**8**	**2,106**	**5**	**2,164**	**8**	**2,201**	**9**	**2,155**	**12**



Shiawassee County (continued)

2024 - Crashes by Day of Week

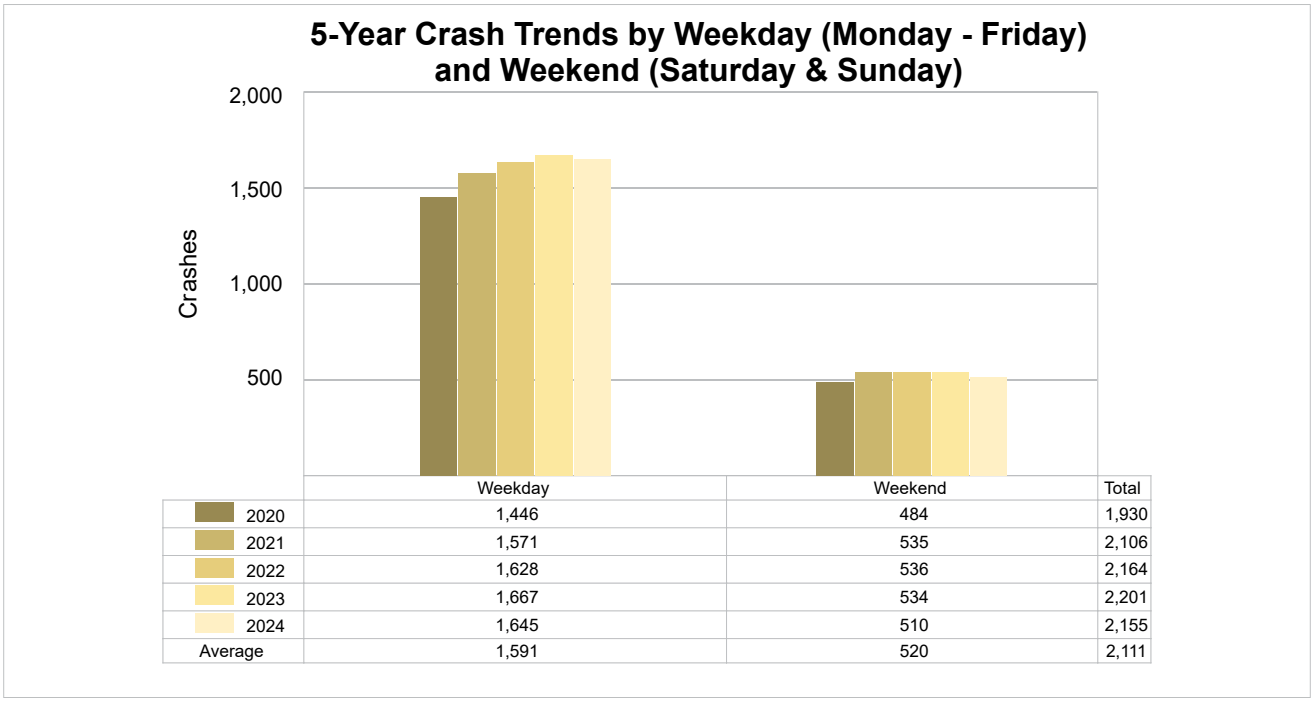
Day	All Crashes		Fatal Crashes		Injury Crashes			PDO Crashes
	Number	% of Total	Fatal	% of Fatal	A	B	C	Number
Monday	338	15.7	1	8.3	4	10	23	300
Tuesday	333	15.5	2	16.7	7	15	18	291
Wednesday	307	14.2	0	0.0	11	10	30	256
Thursday	316	14.7	1	8.3	7	13	22	273
Friday	351	16.3	2	16.7	7	16	15	311
Saturday	262	12.2	3	25.0	6	8	25	220
Sunday	248	11.5	3	25.0	7	14	18	206
Total	**2,155**	**100.0**	**12**	**100.0**	**49**	**86**	**151**	**1,857**



Shiawassee 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	1,446	3	1,571	4	1,628	5	1,667	8	1,645	6
Weekend	484	5	535	1	536	3	534	1	510	6
Total	**1,930**	**8**	**2,106**	**5**	**2,164**	**8**	**2,201**	**9**	**2,155**	**12**



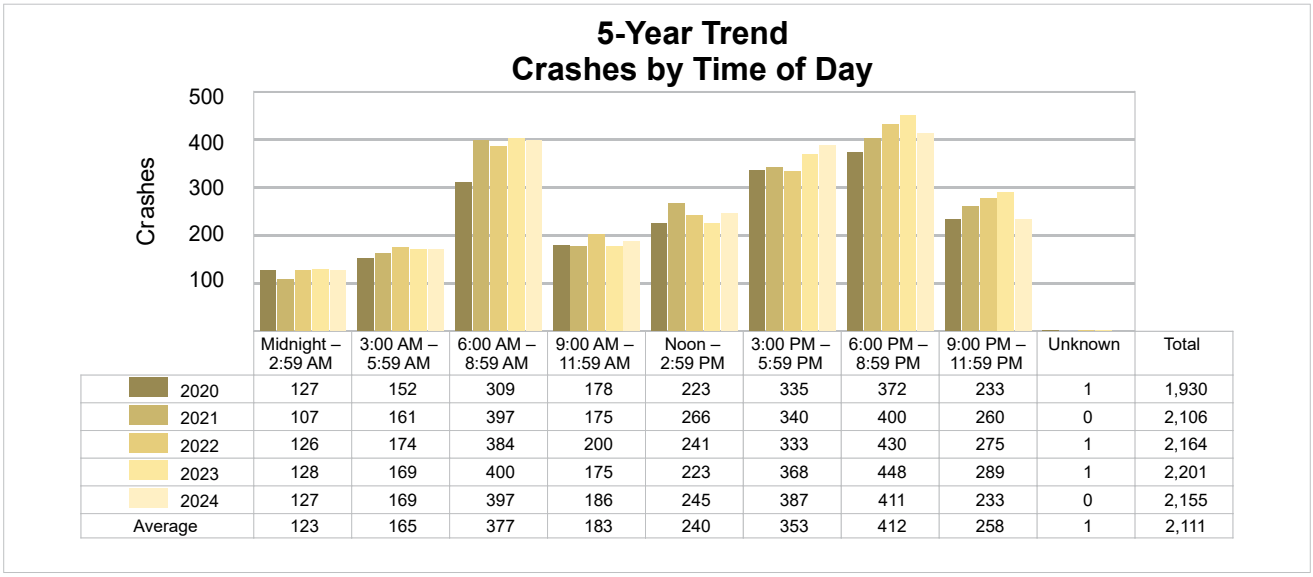
	Weekday	Weekend	Total
2020	1,446	484	1,930
2021	1,571	535	2,106
2022	1,628	536	2,164
2023	1,667	534	2,201
2024	1,645	510	2,155
Average	1,591	520	2,111

Shiawassee County (continued)

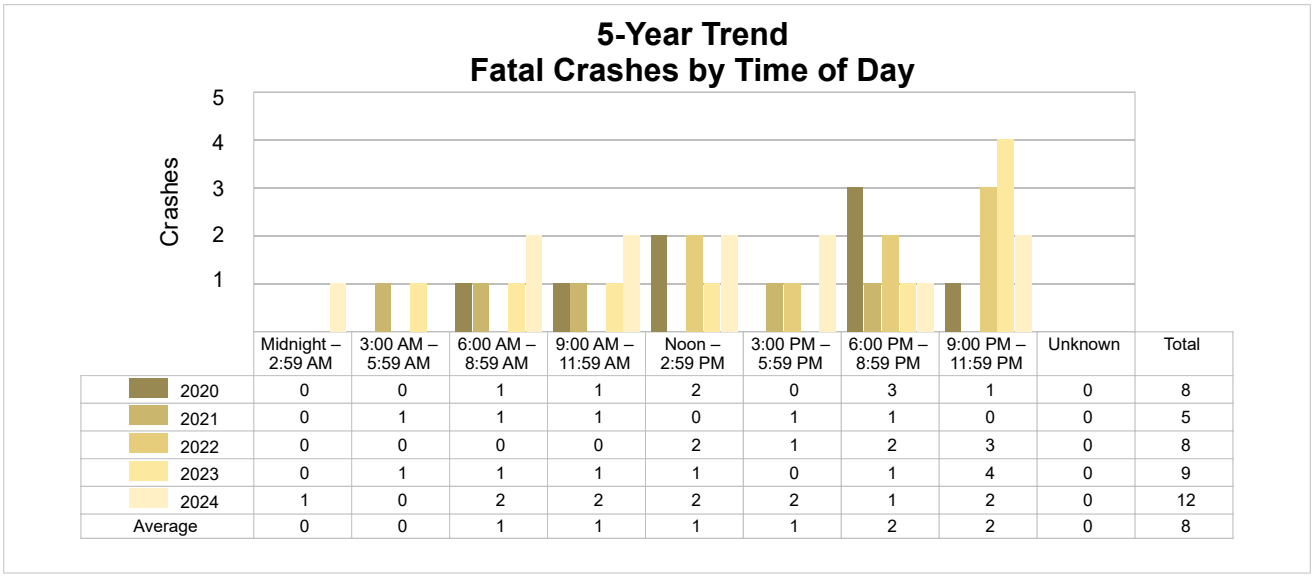
5-Year Trend - Crashes by Time of Day

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	127	0	107	0	126	0	128	0	127	1
3:00 AM – 5:59 AM	152	0	161	1	174	0	169	1	169	0
6:00 AM – 8:59 AM	309	1	397	1	384	0	400	1	397	2
9:00 AM – 11:59 AM	178	1	175	1	200	0	175	1	186	2
Noon – 2:59 PM	223	2	266	0	241	2	223	1	245	2
3:00 PM – 5:59 PM	335	0	340	1	333	1	368	0	387	2
6:00 PM – 8:59 PM	372 †	3	400 †	1	430 †	2	448 †	1	411 †	1
9:00 PM – 11:59 PM	233	1	260	0	275	3	289	4	233	2
Unknown	1	0	0	0	1	0	1	0	0	0
Total	**1,930**	**8**	**2,106**	**5**	**2,164**	**8**	**2,201**	**9**	**2,155**	**12**

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	127	152	309	178	223	335	372	233	1	1,930
2021	107	161	397	175	266	340	400	260	0	2,106
2022	126	174	384	200	241	333	430	275	1	2,164
2023	128	169	400	175	223	368	448	289	1	2,201
2024	127	169	397	186	245	387	411	233	0	2,155
Average	123	165	377	183	240	353	412	258	1	2,111

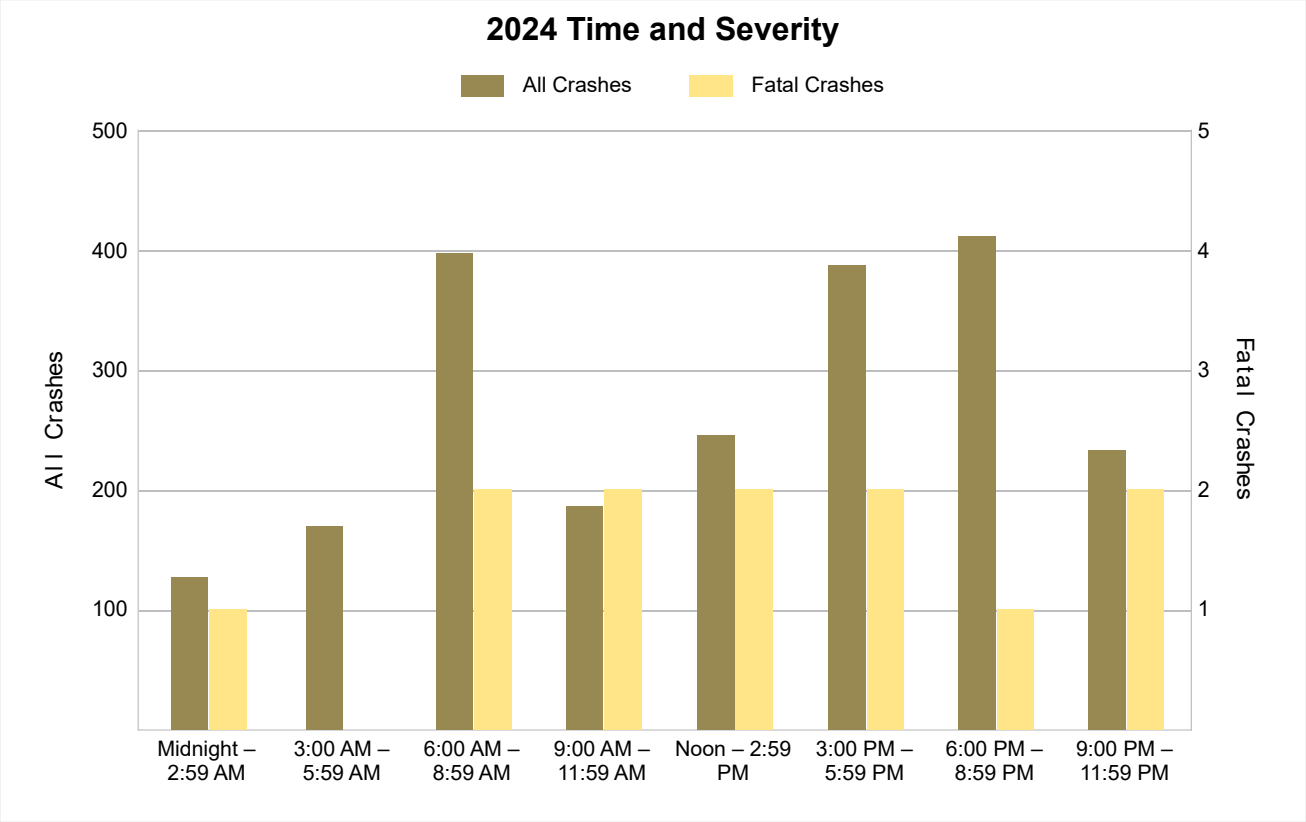


	Midnight – 2:59 AM	3:00 AM – 5:59 AM	6:00 AM – 8:59 AM	9:00 AM – 11:59 AM	Noon – 2:59 PM	3:00 PM – 5:59 PM	6:00 PM – 8:59 PM	9:00 PM – 11:59 PM	Unknown	Total
2020	0	0	1	1	2	0	3	1	0	8
2021	0	1	1	1	0	1	1	0	0	5
2022	0	0	0	0	2	1	2	3	0	8
2023	0	1	1	1	1	0	1	4	0	9
2024	1	0	2	2	2	2	1	2	0	12
Average	0	0	1	1	1	1	2	2	0	8

Shiawassee County (continued)

2024 - Time and Severity

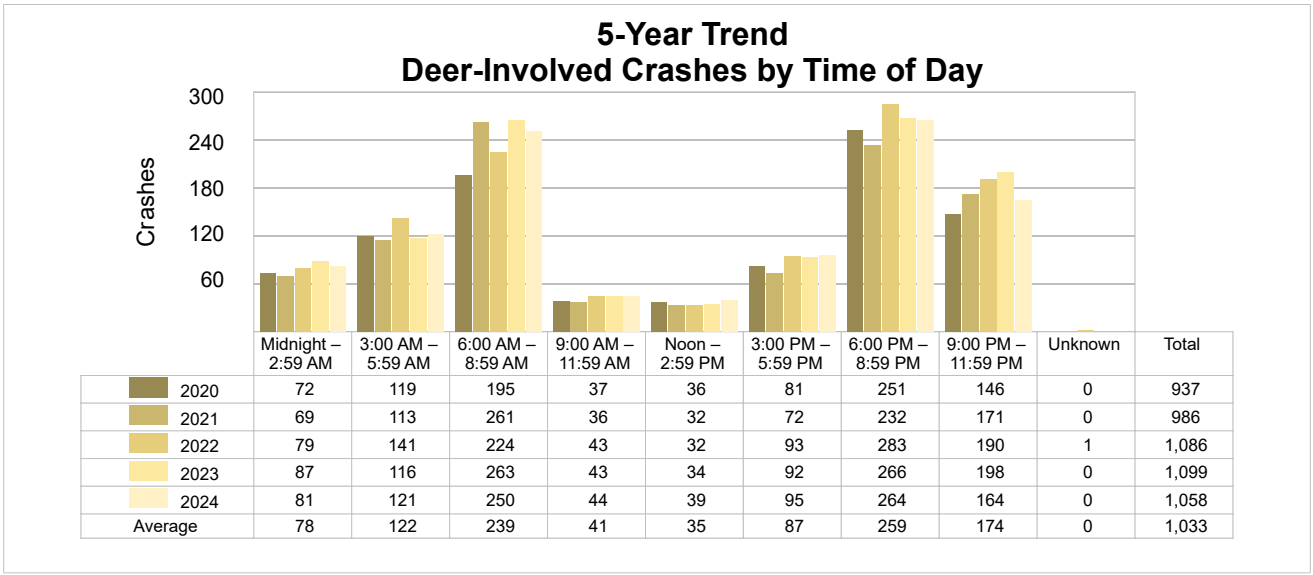
Time of Day	All Crashes		Fatal Crashes		Injury Crashes			PDO Crashes
	Number	% of Total	Number	% of Fatal	A	B	C	Number
Midnight – 2:59 AM	127	5.9	1	8.3	3	13	7	103
3:00 AM – 5:59 AM	169	7.8	0	0.0	1	4	11	153
6:00 AM – 8:59 AM	397	18.4	2	16.7	8	7	24	356
9:00 AM – 11:59 AM	186	8.6	2	16.7	5	9	15	155
Noon – 2:59 PM	245	11.4	2	16.7	9	13	19	202
3:00 PM – 5:59 PM	387	18.0	2	16.7	7	22	35	321
6:00 PM – 8:59 PM	411	19.1	1	8.3	8	11	25	366
9:00 PM – 11:59 PM	233	10.8	2	16.7	8	7	15	201
Unknown	0	0.0	0	0.0	0	0	0	0
Total	**2,155**	**100.0**	**12**	**100.0**	**49**	**86**	**151**	**1,857**



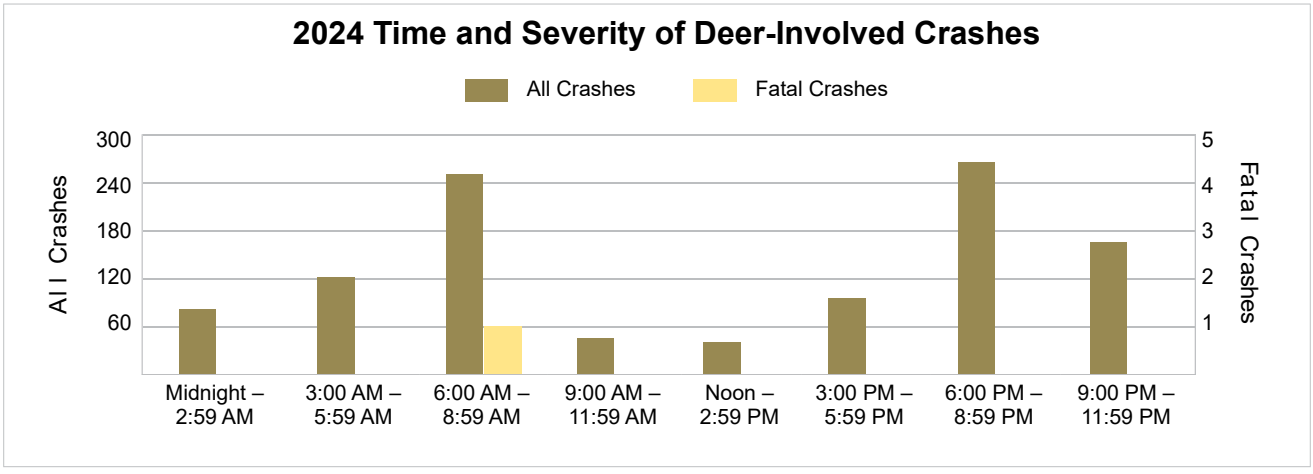
Shiawassee County (continued)

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	72	0	69	0	79	0	87	0	81	0
3:00 AM – 5:59 AM	119	0	113	0	141	0	116	0	121	0
6:00 AM – 8:59 AM	195	0	261	0	224	0	263	0	250	1
9:00 AM – 11:59 AM	37	0	36	0	43	0	43	0	44	0
Noon – 2:59 PM	36	0	32	0	32	0	34	0	39	0
3:00 PM – 5:59 PM	81	0	72	0	93	0	92	0	95	0
6:00 PM – 8:59 PM	251	0	232	0	283	0	266	0	264	0
9:00 PM – 11:59 PM	146	0	171	0	190	0	198	0	164	0
Unknown	0	0	0	0	1	0	0	0	0	0
Total	**937**	**0**	**986**	**0**	**1,086**	**0**	**1,099**	**0**	**1,058**	**1**



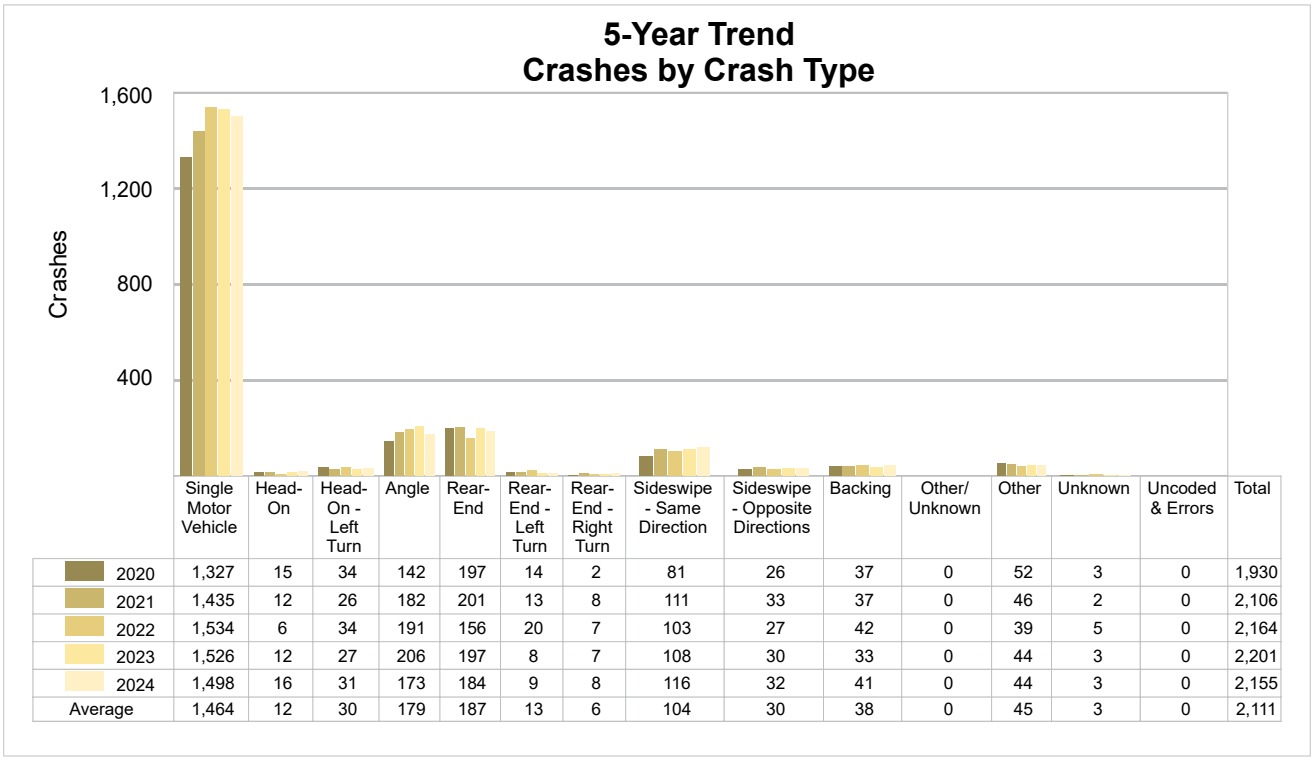
	Midnight – 2:59 AM	3:00 AM – 5:59 AM	6:00 AM – 8:59 AM	9:00 AM – 11:59 AM	Noon – 2:59 PM	3:00 PM – 5:59 PM	6:00 PM – 8:59 PM	9:00 PM – 11:59 PM	Unknown	Total
2020	72	119	195	37	36	81	251	146	0	937
2021	69	113	261	36	32	72	232	171	0	986
2022	79	141	224	43	32	93	283	190	1	1,086
2023	87	116	263	43	34	92	266	198	0	1,099
2024	81	121	250	44	39	95	264	164	0	1,058
Average	78	122	239	41	35	87	259	174	0	1,033



Shiawassee 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	1,327	5	1,435	2	1,534	4	1,526	6	1,498	6
Head-On	15	2	12	2	6	1	12	0	16	2
Head-On - Left Turn	34	0	26	0	34	0	27	0	31	1
Angle	142	0	182	0	191	1	206	2	173	2
Rear-End	197	0	201	1	156	2	197	0	184	0
Rear-End - Left Turn	14	0	13	0	20	0	8	0	9	0
Rear-End - Right Turn	2	0	8	0	7	0	7	0	8	0
Sideswipe - Same Direction	81	0	111	0	103	0	108	0	116	0
Sideswipe - Opposite Directions	26	1	33	0	27	0	30	0	32	1
Backing	37	0	37	0	42	0	33	0	41	0
Other/Unknown	0	0	0	0	0	0	0	0	0	0
Other	52	0	46	0	39	0	44	1	44	0
Unknown	3	0	2	0	5	0	3	0	3	0
Uncoded & Errors	0	0	0	0	0	0	0	0	0	0
Total	**1,930**	**8**	**2,106**	**5**	**2,164**	**8**	**2,201**	**9**	**2,155**	**12**

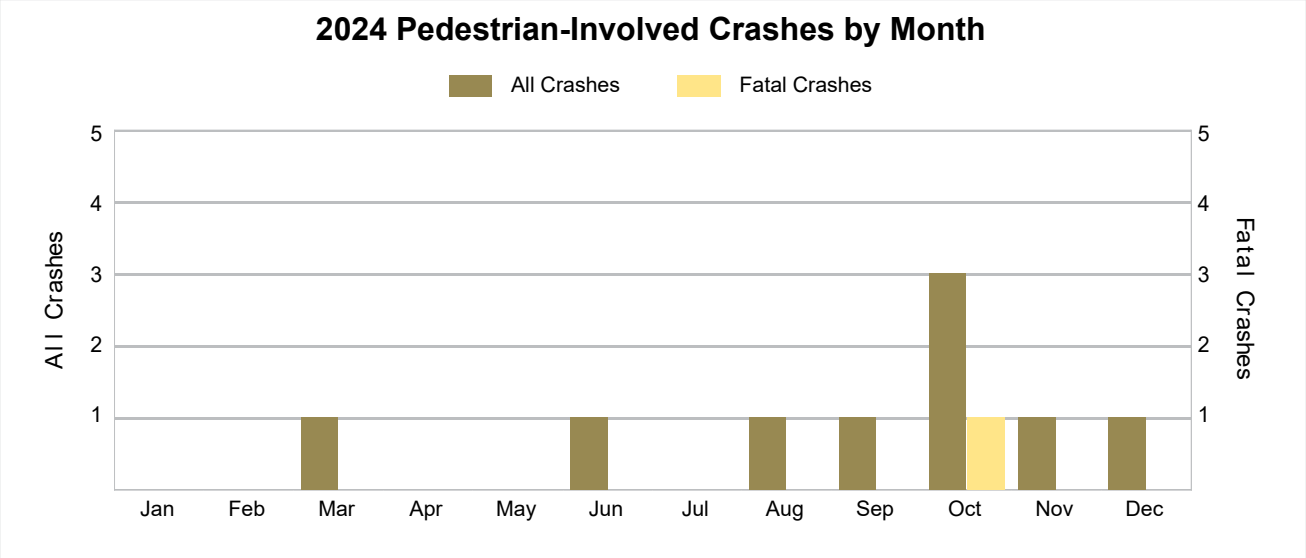


	Single Motor Vehicle	Head-On	Head-On - Left Turn	Angle	Rear-End	Rear-End - Left Turn	Rear-End - Right Turn	Sideswipe - Same Direction	Sideswipe - Opposite Directions	Backing	Other/ Unknown	Other	Unknown	Uncoded & Errors	Total
2020	1,327	15	34	142	197	14	2	81	26	37	0	52	3	0	1,930
2021	1,435	12	26	182	201	13	8	111	33	37	0	46	2	0	2,106
2022	1,534	6	34	191	156	20	7	103	27	42	0	39	5	0	2,164
2023	1,526	12	27	206	197	8	7	108	30	33	0	44	3	0	2,201
2024	1,498	16	31	173	184	9	8	116	32	41	0	44	3	0	2,155
Average	1,464	12	30	179	187	13	6	104	30	38	0	45	3	0	2,111

Shiawassee County (continued)

5-Year Trend - Pedestrian-Involved Crashes by Month

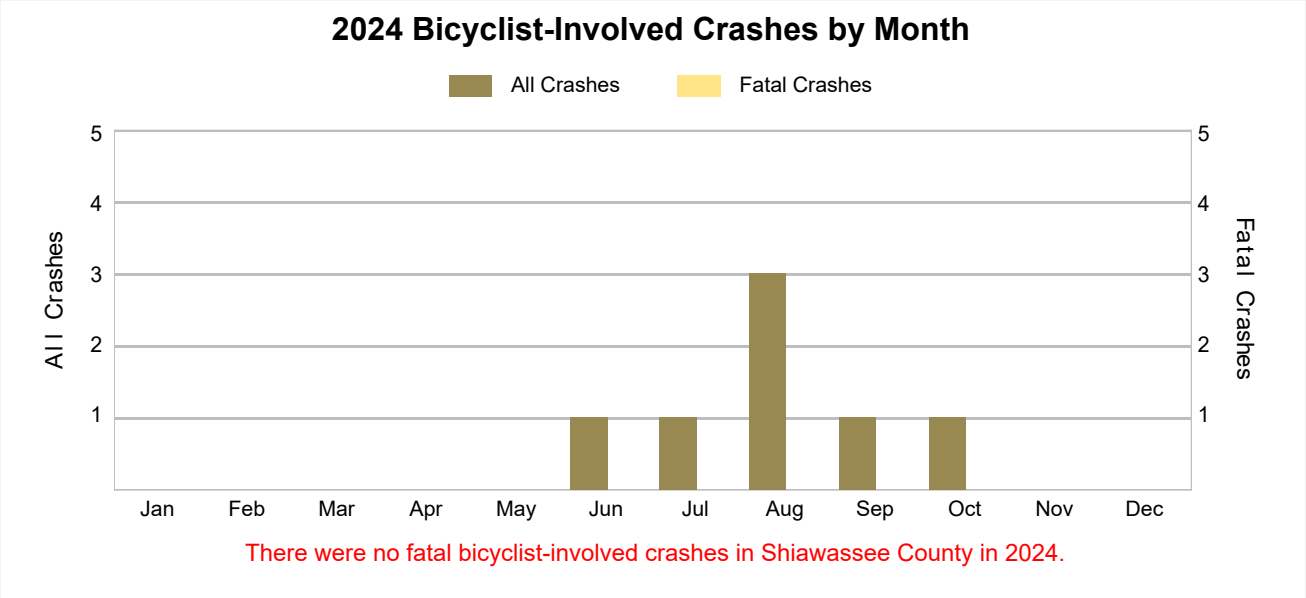
Month	2020		2021		2022		2023		2024	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
January	0	0	0	0	0	0	0	0	0	0
February	1	1	3	0	0	0	1	0	0	0
March	0	0	0	0	0	0	0	0	1	0
April	0	0	1	0	0	0	2	0	0	0
May	0	0	1	0	1	0	0	0	0	0
June	1	0	2	0	1	1	0	0	1	0
July	1	0	0	0	0	0	0	0	0	0
August	2	0	0	0	0	0	0	0	1	0
September	0	0	0	0	0	0	1	0	1	0
October	0	0	0	0	1	0	4	2	3	1
November	1	0	2	0	0	0	0	0	1	0
December	2	0	4	0	1	0	0	0	1	0
Total	**8**	**1**	**13**	**0**	**4**	**1**	**8**	**2**	**9**	**1**



Shiawassee 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	1	0	0	0	0	0	0	0
February	0	0	0	0	0	0	1	0	0	0
March	0	0	0	0	0	0	0	0	0	0
April	0	0	0	0	1	0	0	0	0	0
May	0	0	0	0	0	0	0	0	0	0
June	1	0	1	0	1	0	2	1	1	0
July	2	0	3	0	1	0	2	0	1	0
August	1	0	1	0	0	0	2	0	3	0
September	1	0	1	0	0	0	2	0	1	0
October	1	0	1	0	1	0	1	0	1	0
November	0	0	0	0	1	0	0	0	0	0
December	1	1	1	0	0	0	0	0	0	0
Total	**7**	**1**	**9**	**0**	**5**	**0**	**10**	**1**	**7**	**0**



Shiawassee 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
Antrim Twp.	65	1	10	54	11	0	0	54	3	0	42	0	0
Bancroft	3	0	1	2	0	0	0	3	0	0	1	0	0
Bennington Twp.	111	2	17	92	0	0	45	66	8	0	76	0	0
Burns Twp.	82	1	8	73	0	0	0	82	1	0	54	0	0
Byron	6	0	1	5	0	0	0	6	0	0	1	0	0
Caledonia Twp.	171	2	22	147	0	0	110	61	3	1	81	2	0
Corunna	90	0	14	76	0	0	69	21	2	0	28	0	1
Durand	23	0	4	19	0	0	0	23	1	0	1	0	0
Fairfield Twp.	26	0	2	24	0	0	0	26	1	0	21	0	0
Hazelton Twp.	39	0	9	30	0	0	2	37	1	0	18	0	0
Laingsburg	12	0	0	12	0	0	0	12	0	0	1	0	0
Lennon	2	0	0	2	0	0	1	1	0	0	0	0	0
Middlebury Twp.	60	0	7	53	0	0	35	25	0	0	39	0	0
Morrice	10	0	0	10	0	0	0	10	0	0	9	0	0
New Haven Twp.	53	0	11	42	0	0	1	52	5	2	25	0	0
New Lothrop	2	0	0	2	0	0	0	2	0	0	0	0	0
Ovid	0	0	0	0	0	0	0	0	0	0	0	0	0
Owosso	220	0	38	182	0	0	138	82	12	2	7	4	6
Owosso Twp.	168	1	16	151	0	0	94	74	4	0	115	1	0
Perry	43	0	5	38	0	0	37	6	0	0	15	0	0
Perry Twp.	195	1	18	176	75	0	44	76	4	1	106	0	0
Rush Twp.	77	1	10	66	0	0	38	39	5	1	57	0	0
Sciota Twp.	73	0	6	67	0	0	0	73	2	0	58	0	0
Shiawassee Twp.	192	0	23	169	77	0	5	110	8	2	110	0	0
Venice Twp.	88	0	17	71	16	0	34	38	9	0	34	0	0
Vernon	10	0	2	8	0	0	7	3	1	1	3	0	0
Vernon Twp.	181	3	24	154	62	0	15	104	11	3	82	1	0
Woodhull Twp.	153	0	21	132	61	0	17	75	6	1	74	1	0
Total	**2,155**	**12**	**286**	**1,857**	**302**	**0**	**692**	**1,161**	**87**	**14**	**1,058**	**9**	**7**

Shiawassee County (continued)

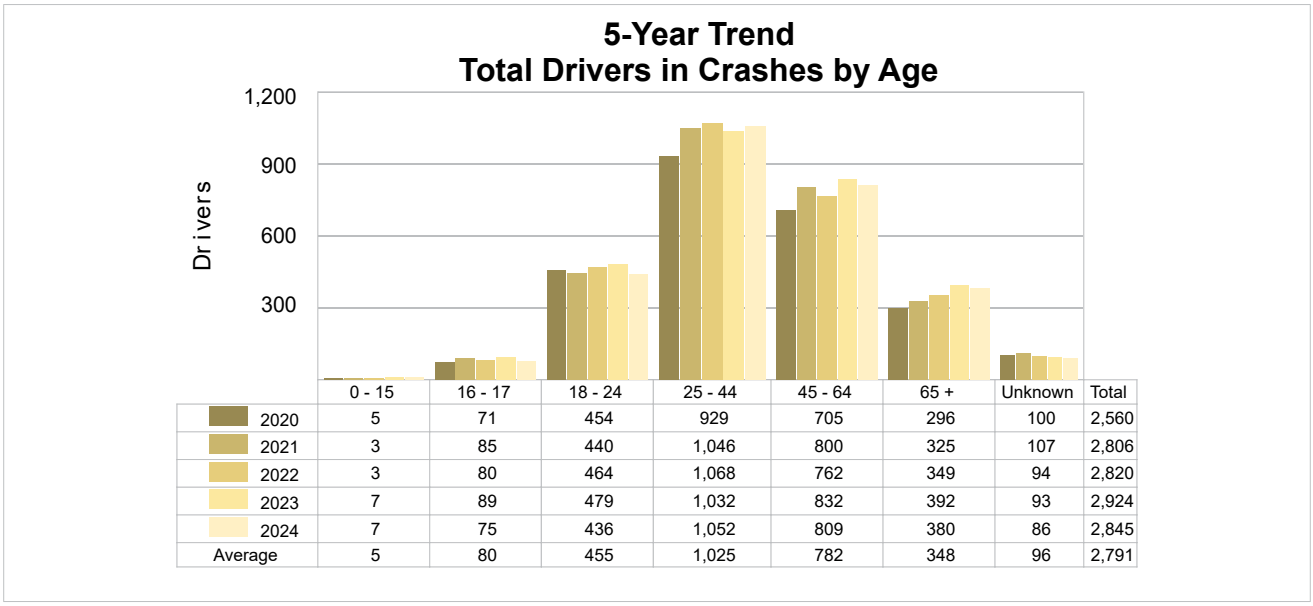
2024 - People in Reported Motor Vehicle Crashes by Municipality

Municipality	People					
	Fatalities	Suspected Serious Injuries	Suspected Minor Injuries	Possible Injuries	No Injuries	Uncoded & Errors
Antrim Twp.	1	1	5	5	75	0
Bancroft	0	0	0	1	3	0
Bennington Twp.	2	5	5	14	123	4
Burns Twp.	2	0	7	3	86	1
Byron	0	0	1	0	6	2
Caledonia Twp.	2	6	11	14	243	4
Corunna	0	1	1	17	154	6
Durand	0	0	0	4	46	3
Fairfield Twp.	0	1	0	1	33	0
Hazelton Twp.	0	2	4	9	42	1
Laingsburg	0	0	0	0	21	0
Lennon	0	0	0	0	5	0
Middlebury Twp.	0	4	0	4	71	2
Morrice	0	0	0	0	12	0
New Haven Twp.	0	1	3	8	53	1
New Lothrop	0	0	0	0	8	0
Ovid	0	0	0	0	0	0
Owosso	0	6	23	18	447	35
Owosso Twp.	1	7	7	15	219	2
Perry	0	0	0	6	73	2
Perry Twp.	1	1	7	17	237	6
Rush Twp.	1	4	1	13	80	0
Sciota Twp.	0	3	1	4	81	0
Shiawassee Twp.	0	4	10	15	220	3
Venice Twp.	0	4	2	13	113	4
Vernon	0	0	0	3	14	0
Vernon Twp.	3	3	8	24	215	5
Woodhull Twp.	0	5	3	26	187	7
Total	**13**	**58**	**99**	**234**	**2,867**	**88**

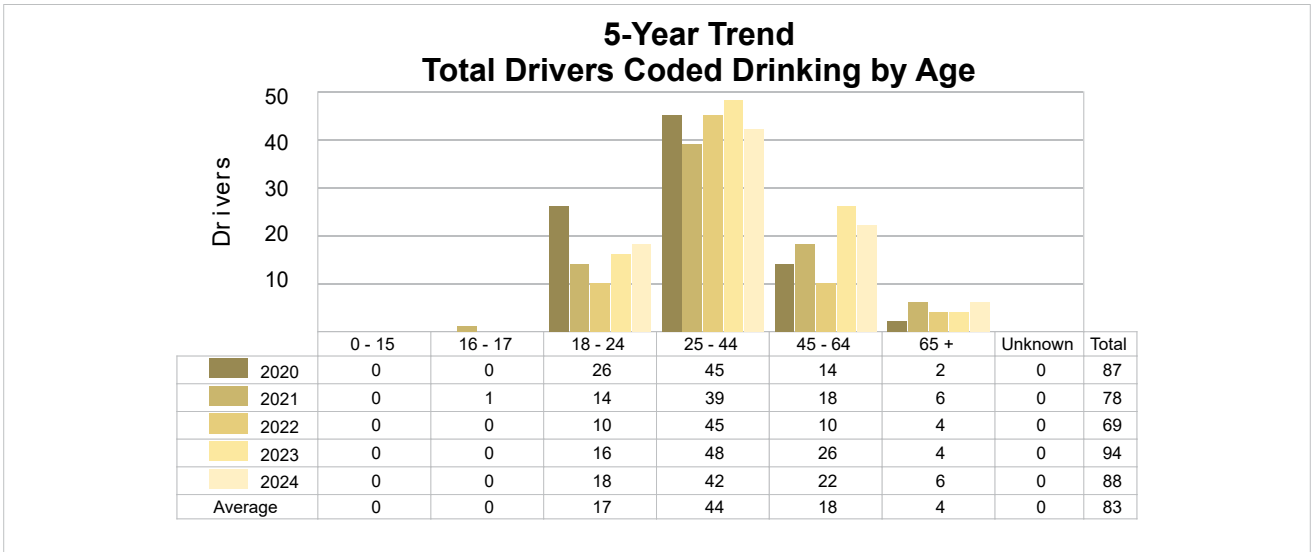
Shiawassee County (continued)

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	5	0	3	0	3	0	7	0	7	0
16 - 17	71	0	85	1	80	0	89	0	75	0
18 - 24	454	26	440	14	464	10	479	16	436	18
25 - 44	929	45	1,046	39	1,068	45	1,032	48	1,052	42
45 - 64	705	14	800	18	762	10	832	26	809	22
65 +	296	2	325	6	349	4	392	4	380	6
Unknown	100	0	107	0	94	0	93	0	86	0
Total	**2,560**	**87**	**2,806**	**78**	**2,820**	**69**	**2,924**	**94**	**2,845**	**88**



	0 - 15	16 - 17	18 - 24	25 - 44	45 - 64	65 +	Unknown	Total
2020	5	71	454	929	705	296	100	2,560
2021	3	85	440	1,046	800	325	107	2,806
2022	3	80	464	1,068	762	349	94	2,820
2023	7	89	479	1,032	832	392	93	2,924
2024	7	75	436	1,052	809	380	86	2,845
Average	5	80	455	1,025	782	348	96	2,791



	0 - 15	16 - 17	18 - 24	25 - 44	45 - 64	65 +	Unknown	Total
2020	0	0	26	45	14	2	0	87
2021	0	1	14	39	18	6	0	78
2022	0	0	10	45	10	4	0	69
2023	0	0	16	48	26	4	0	94
2024	0	0	18	42	22	6	0	88
Average	0	0	17	44	18	4	0	83

Shiawassee County (continued)

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

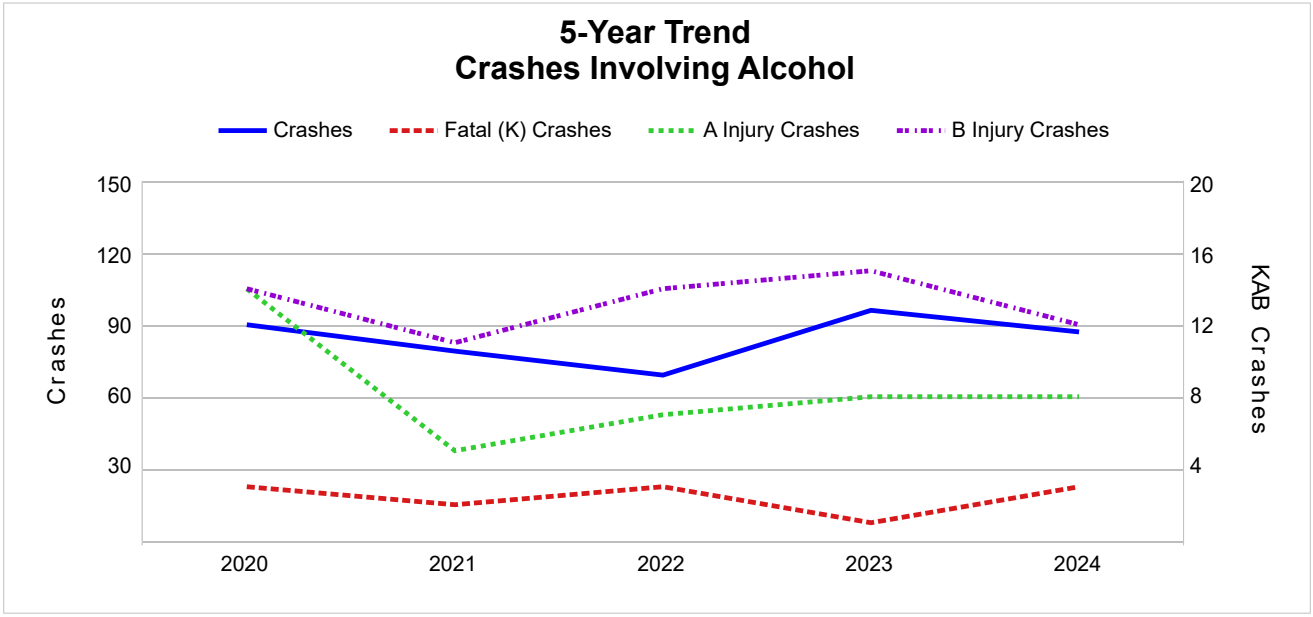
Age Group	Drivers				BAC Result Range for Drivers Coded Drinking				
	Total Drivers in Alcohol-Involved Crashes	Total Drivers Tested in all Crashes	Total Drivers Coded Drinking, Tested	Total Drivers Coded Drinking	BAC = 0.00	BAC 0.01 g/dL to 0.07 g/dL	BAC 0.08 g/dL to 0.16 g/dL	BAC 0.17 g/dL and Above	BAC Not Reported
0 - 15	0	0	0	0	0	0	0	0	0
16 - 17	0	2	0	0	0	0	0	0	0
18 - 24	22	17	14	18	0	1	6	5	6
25 - 44	51	44	33	42	0	5	11	17	9
45 - 64	28	26	21	22	0	3	2	14	3
65 +	6	11	6	6	0	0	2	4	0
Unknown	2	0	0	0	0	0	0	0	0
Total	**109**	**100**	**74**	**88**	**0**	**9**	**21**	**40**	**18**

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	1,930	90	4.7	8	3	37.5	49	14	28.6	84	14	16.7
2021	2,106	79	3.8	5	2	40.0	43	5	11.6	93	11	11.8
2022	2,164	69	3.2	8	3	37.5	38	7	18.4	73	14	19.2
2023	2,201	96	4.4	9	1	11.1	47	8	17.0	81	15	18.5
2024	2,155	87	4.0	12 **	3	25.0	49	8	16.3	86	12	14.0

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.

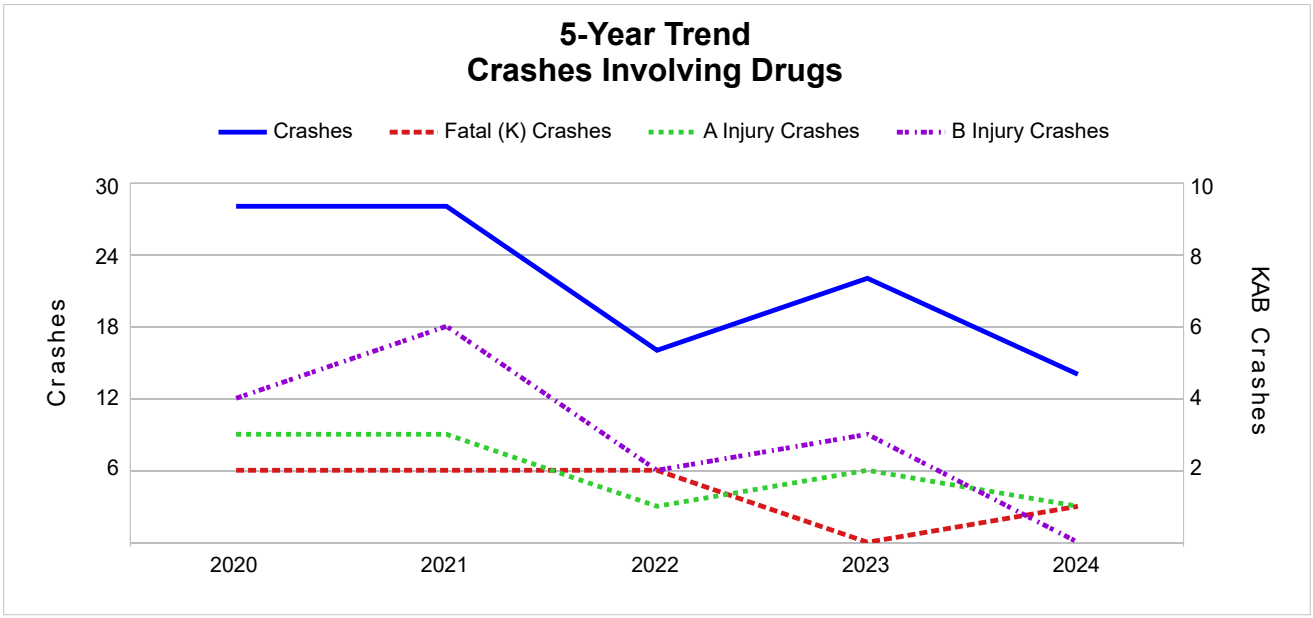


Shiawassee County (continued)

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	1,930	28	1.5	8	2	25.0	49	3	6.1	84	4	4.8
2021	2,106	28	1.3	5	2	40.0	43	3	7.0	93	6	6.5
2022	2,164	16	0.7	8	2	25.0	38	1	2.6	73	2	2.7
2023	2,201	22	1.0	9	0	0.0	47	2	4.3	81	3	3.7
2024	2,155	14 *	0.6 *	12 **	1	8.3	49	1	2.0 *	86	0 *	0.0 *

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.

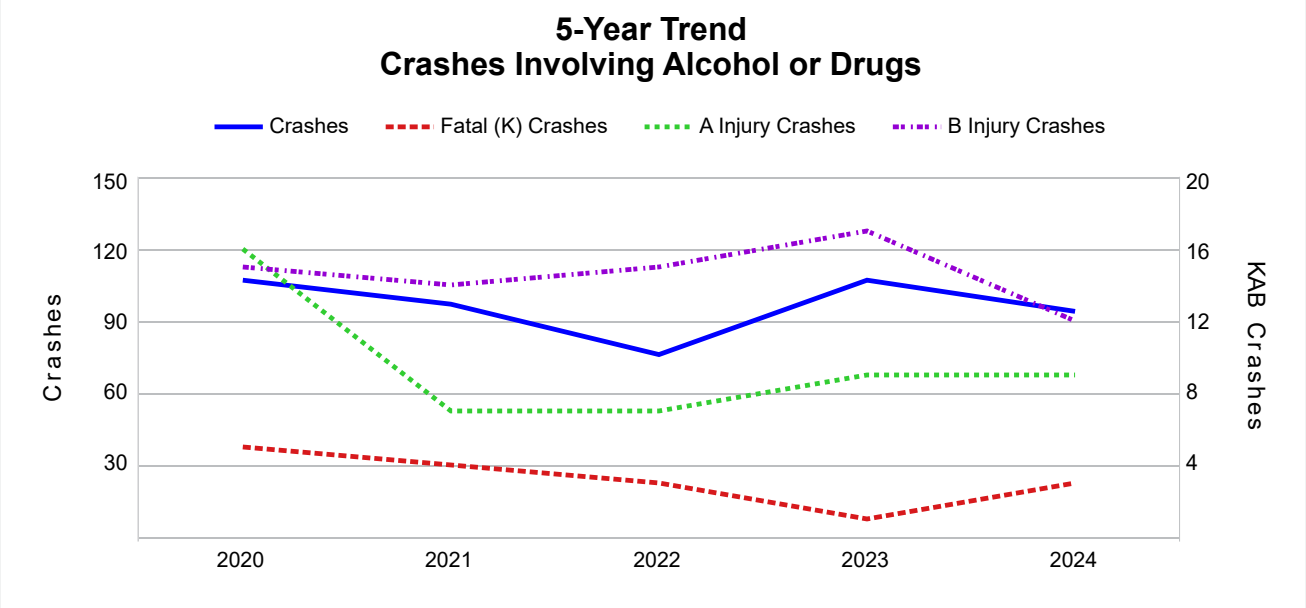


Shiawassee County (continued)

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	1,930	107	5.5	8	5	62.5	49	16	32.7	84	15	17.9
2021	2,106	97	4.6	5	4	80.0	43	7	16.3	93	14	15.1
2022	2,164	76	3.5	8	3	37.5	38	7	18.4	73	15	20.5
2023	2,201	107	4.9	9	1	11.1	47	9	19.1	81	17	21.0
2024	2,155	94	4.4	12 **	3	25.0	49	9	18.4	86	12 *	14.0 *

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.



Shiawassee 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	2,185	2,063	94.4	5	3	60.0	30	24	80.0	68	61	89.7	191	182	95.3	1,854	1,793	96.7
Motor Home	3	3	100.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	3	3	100.0
Pickup Truck	548	514	93.8	2	0	0.0	8	5	62.5	10	8	80.0	32	30	93.8	485	471	97.1
Small Truck Under 10,000 lbs. GVWR	5	5	100.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	5	5	100.0
Motorcycle	29	18	62.1	5	3	60.0	9	6	66.7	7	5	71.4	2	1	50.0	6	3	50.0
Moped/Goped	6	2	33.3	0	0	0.0	2	1	50.0	3	1	33.3	1	0	0.0	0	0	0.0
Go-Cart/Golf Cart	3	1	33.3	0	0	0.0	0	0	0.0	1	0	0.0	0	0	0.0	2	1	50.0
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)	10	4	40.0	0	0	0.0	3	1	33.3	3	1	33.3	3	2	66.7	1	0	0.0
Other (non-registered farm equipment, construction equipment, snow plows, etc.)	13	7	53.8	0	0	0.0	0	0	0.0	1	0	0.0	0	0	0.0	12	7	58.3
Truck/Bus (over 10,000 lbs. GVWR/8+ occupants/hazmat placard)	79	67	84.8	0	0	0.0	1	1	100.0	2	0	0.0	1	1	100.0	70	65	92.9
Uncoded & Errors	35	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0
Total	**2,916**	**2,684**	**92.0**	**12**	**6**	**50.0**	**53**	**38**	**71.7**	**95**	**76**	**80.0**	**230**	**216**	**93.9**	**2,438**	**2,348**	**96.3**

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	26	22	84.6	0	0	0.0	3	2	66.7	6	5	83.3	13	13	100.0	4	2	50.0
16 - 17	79	74	93.7	0	0	0.0	3	3	100.0	4	3	75.0	11	9	81.8	61	59	96.7
18 - 24	448	420	93.8	1	0	0.0	11	8	72.7	18	12	66.7	37	32	86.5	380	368	96.8
25 - 44	1,064	1,004	94.4	1	0	0.0	12	8	66.7	31	22	71.0	80	76	95.0	936	898	95.9
45 - 64	822	787	95.7	5	3	60.0	15	11	73.3	23	23	100.0	59	57	96.6	719	693	96.4
65 +	391	375	95.9	5	3	60.0	9	6	66.7	13	11	84.6	30	29	96.7	334	326	97.6
Unknown	86	2	2.3	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	4	2	50.0
Total	**2,916**	**2,684**	**92.0**	**12**	**6**	**50.0**	**53**	**38**	**71.7**	**95**	**76**	**80.0**	**230**	**216**	**93.9**	**2,438**	**2,348**	**96.3**

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.

Shiawassee 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	7	0	2	10	0	1	9	0	3	11	0	4	15	0	2
Shoulder Belt Only Used	18	0	0	23	0	3	23	0	2	12	0	2	9	0	3
Lap Belt Only Used	3	0	0	10	0	1	4	0	0	4	0	0	3	0	0
Both Lap & Shoulder Belt Used	2,290	2	214	2,561	5	224	2,595	2	208	2,694	0	246	2,591	2	253
No Belts Used	23	3	16	24	0	13	24	1	16	25	3	15	28	4	13
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	1	0	0	0	0	0	0	0	0	0	0	0	0
Restraint Use Unknown	186	2	13	150	0	7	139	1	15	141	0	5	162	0	12
Helmet Worn	16	0	11	17	0	16	9	0	6	19	1	12	20	3	14
Helmet Not Worn	13	0	9	11	1	9	16	0	11	12	2	9	16	2	11
Helmet Use Unknown	3	0	2	0	0	0	1	0	0	3	0	3	1	0	0
Uncoded & Errors	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0
Total	**2,560**	**7**	**268**	**2,806**	**6**	**274**	**2,820**	**4**	**261**	**2,924**	**6**	**296**	**2,845**	**11**	**308**

5-Year Trend - Restraint Use Among Drivers Coded Drinking

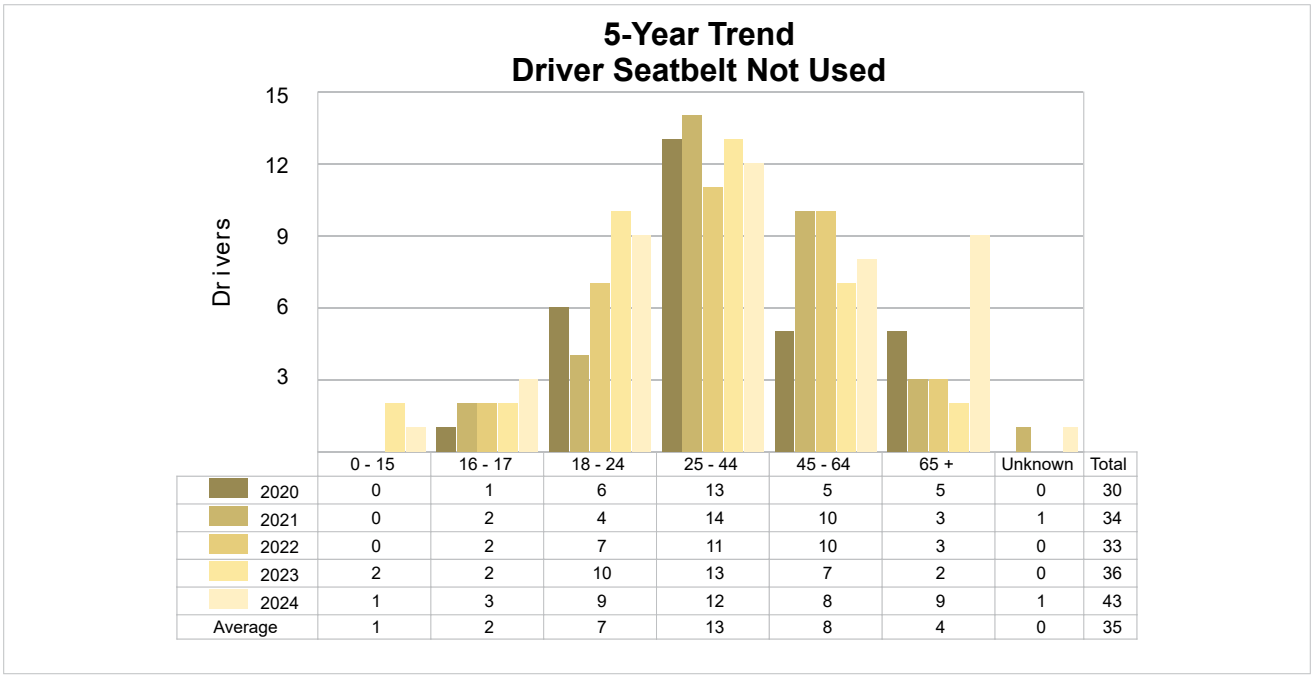
Restraint Use	2020			2021			2022			2023			2024		
	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers
No Belts Available	1	0	1	1	0	1	2	0	2	1	0	1	0	0	0
Shoulder Belt Only Used	2	0	0	1	0	0	0	0	0	2	0	0	0	0	0
Lap Belt Only Used	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0
Both Lap & Shoulder Belt Used	51	0	19	50	2	12	44	0	13	71	0	24	66	1	24
No Belts Used	10	1	6	7	0	3	9	1	6	1	0	1	5	1	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	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Restraint Use Unknown	21	0	9	15	0	4	12	1	6	13	0	1	16	0	9
Helmet Worn	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0
Helmet Not Worn	1	0	1	3	0	3	2	0	2	4	1	3	1	1	0
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	**87**	**1**	**37**	**78**	**2**	**24**	**69**	**2**	**29**	**94**	**1**	**32**	**88**	**3**	**36**

Shiawassee 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	0	0	0	2	0	2	1	0	0
16 - 17	1	0	1	2	0	1	2	0	1	2	1	1	3	0	2
18 - 24	6	1	3	4	0	1	7	0	3	10	1	4	9	1	5
25 - 44	13	1	8	14	0	7	11	0	7	13	0	8	12	1	4
45 - 64	5	0	2	10	0	2	10	1	7	7	1	4	8	1	1
65 +	5	1	4	3	0	3	3	0	1	2	0	0	9	1	3
Unknown	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0
Total	**30**	**3**	**18**	**34**	**0**	**14**	**33**	**1**	**19**	**36**	**3**	**19**	**43**	**4**	**15**

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



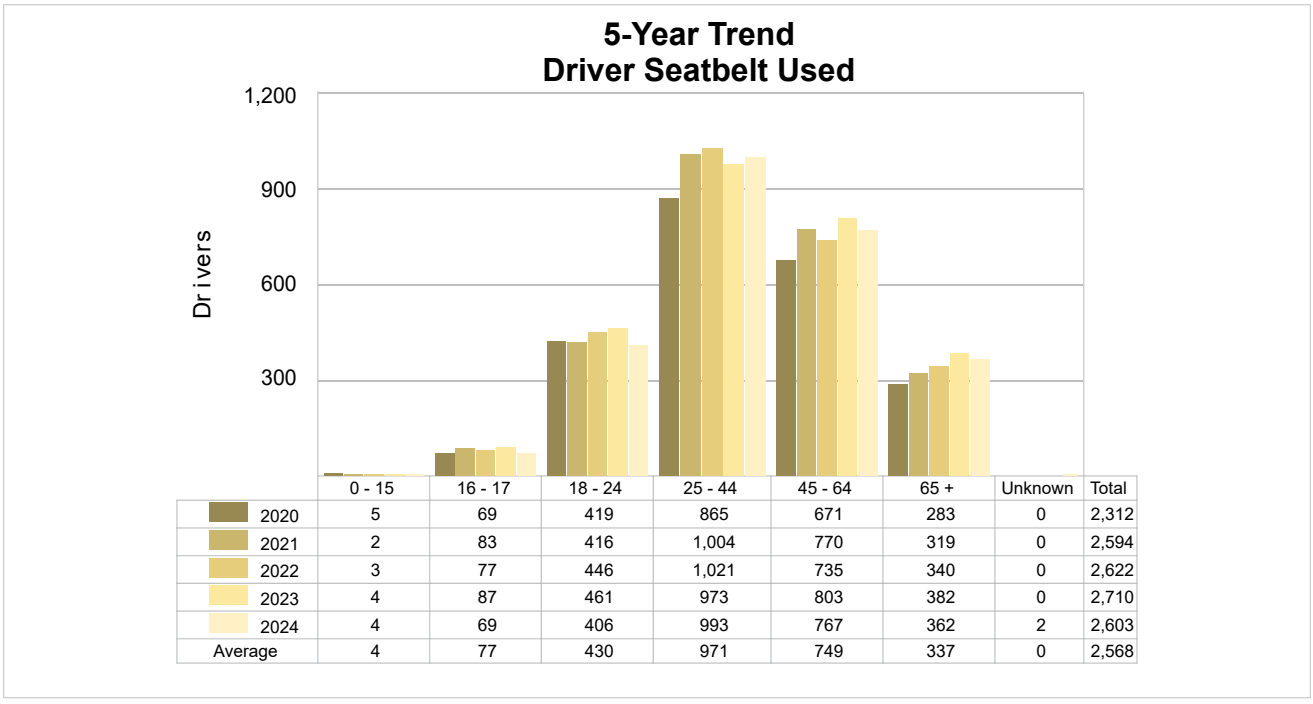
	0 - 15	16 - 17	18 - 24	25 - 44	45 - 64	65 +	Unknown	Total
2020	0	1	6	13	5	5	0	30
2021	0	2	4	14	10	3	1	34
2022	0	2	7	11	10	3	0	33
2023	2	2	10	13	7	2	0	36
2024	1	3	9	12	8	9	1	43
Average	1	2	7	13	8	4	0	35

Shiawassee 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	5	0	0	2	0	0	3	0	1	4	0	0	4	0	2
16 - 17	69	0	6	83	0	7	77	0	10	87	0	7	69	0	10
18 - 24	419	0	36	416	1	35	446	0	43	461	0	50	406	0	39
25 - 44	865	1	75	1,004	2	78	1,021	0	64	973	0	84	993	0	96
45 - 64	671	0	61	770	2	68	735	1	63	803	0	70	767	1	73
65 +	283	1	37	319	0	40	340	1	29	382	0	37	362	1	36
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0
Total	**2,312**	**2**	**215**	**2,594**	**5**	**228**	**2,622**	**2**	**210**	**2,710**	**0**	**248**	**2,603**	**2**	**256**

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	5	69	419	865	671	283	0	2,312
2021	2	83	416	1,004	770	319	0	2,594
2022	3	77	446	1,021	735	340	0	2,622
2023	4	87	461	973	803	382	0	2,710
2024	4	69	406	993	767	362	2	2,603
Average	4	77	430	971	749	337	0	2,568

Shiawassee 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	1,602	4	1,780	3	1,816	7	1,882	4	1,834	7
Speed Too Fast	137	2	166	1	197	1	171	2	178	1
Speed Too Slow	0	0	0	0	0	0	1	0	1	0
Failed to Yield	161	0	204	0	200	0	210	0	206	2
Disregard Traffic Control	37	0	43	0	40	0	63	1	35	0
Drove Wrong Way	1	1	1	1	1	0	0	0	0	0
Drove Left of Center	25	1	20	0	7	0	17	0	12	2
Improper Passing	14	0	15	0	20	0	18	0	14	0
Improper Lane Use	43	0	38	0	42	0	44	0	50	1
Improper Turn	14	0	12	0	12	0	21	0	18	0
Improper/No Signal	2	0	1	0	3	0	4	0	1	0
Improper Backing	42	0	35	0	41	0	31	0	37	0
Unable to Stop in Assured Clear Distance	187	0	185	0	162	2	187	0	175	0
Other	101	1	112	1	121	1	103	1	119	2
Unknown	83	2	85	0	84	3	74	0	62	2
Reckless Driving	7	0	17	0	12	0	22	2	13	1
Careless/Negligent Driving	104	0	92	2	62	0	76	1	90	0
Uncoded & Errors	0	0	0	0	0	0	0	0	0	0
Total	**2,560**	**11**	**2,806**	**8**	**2,820**	**14**	**2,924**	**11**	**2,845**	**18**

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

