

Office of Highway Safety Planning

2021



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.

<u>Units</u>

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:

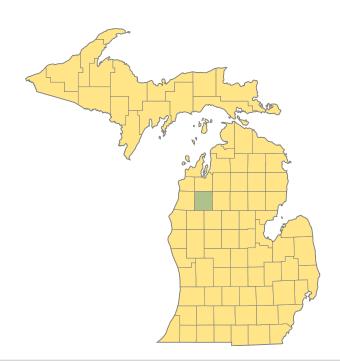
- K = Killed
- A = Suspected Serious Injury
- B = Suspected Minor Injury
- C = Possible Injury
- O = No Injury

Property Damage Only (PDO)



Wexford County

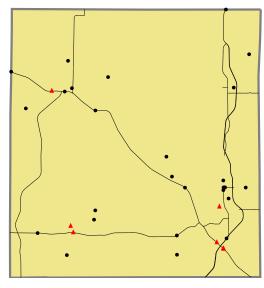
2021 Traffic Crash Data & 2017-2021 5-Year Trends



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.

Wexford County



Crashes by most severe injury (mapped/actual)

▲ K - Fatal (7/7) ● A - Suspected Serious (28/29)

2021 - Crashes and Injury by Month

			Crashes		Peo	ple
Month	Total	Fatal	Injury	Property Damage Only (PDO)	Fatalities	Injuries
January	94	1	12	81	1	16
February	93	0	14	79	0	18
March	76	1	9	66	1	10
April	69	0	8	61	0	9
May	81	0	16	65	0	21
June	116	1	19	96	1	29
July	96	0	21	75	0	35
August	99	0	23	76	0	30
September	107	1	20	86	1	26
October	140	1	10	129	1	13
November	175	0	22	153	0	26
December	131	2	22	107	2	31
Total	1,277	7	196	1,074	7	264

2021 - Driver Statistics

		Wexford County		Driver Rates			
Age Group	2019 Population*	Licensed Drivers	Drivers in Crashes	Per 10k Population	Per 10k Licensed		
0 - 15	6,897	144	2	2.9	138.9		
16 - 20	1,807	1,414	189	1,045.9	1,336.6		
21 - 24	1,446	1,264	140	968.2	1,107.6		
25 - 64	16,900	15,738	1,130	668.6	718.0		
65 +	6,581	6,672	229	348.0	343.2		
Unknown	0	0	106				
Total	33,631	25,232	1,796	534.0	711.8		

^{*2021} Populaton of Michigan Counties (by single-year of age) not yet available from U.S. Census Bureau.

2021 - Vehicles in Crashes

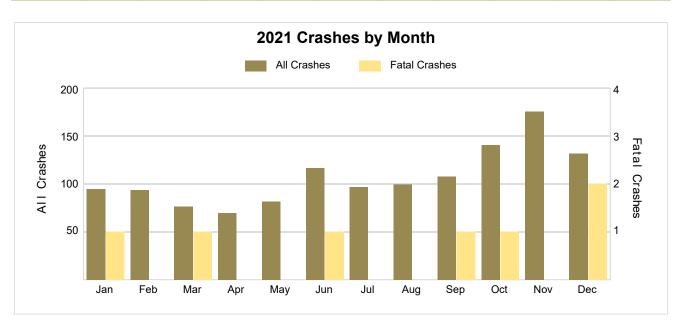
2021 - Vernicles III Crasiles						
Vahiala Tima	Motor V	ehicles	Fatal C	rashes	Injury Crashes	PDO Crashes
Vehicle Type	Number of Vehicles	% of Total	Number	% of Total	Number	Number
Passenger Car, SUV, Van	1,253	69.8	2	25.0	199	1,052
Motor Home	5	0.3	0	0.0	1	4
Pickup Truck	397	22.1	2	25.0	65	330
Small Truck Under 10,000 lbs. GVWR	7	0.4	1	12.5	1	5
Motorcycle	16	0.9	0	0.0	15	1
Moped/Goped	3	0.2	0	0.0	1	2
Go-Cart/Golf Cart	0	0.0	0	0.0	0	0
Snowmobile	6	0.3	1	12.5	4	1
Off-Road Vehicle (ORV)/All-Terrain Vehicle (ATV)	6	0.3	0	0.0	5	1
Other (non-registered farm equipment, construction equipment, snow plows, etc.)	8	0.4	0	0.0	0	8
Truck/Bus (over 10,000 lbs. GVWR/8+ occupants/hazmat placard)	55	3.1	2	25.0	7	46
Uncoded & Errors	40	2.2	0	0.0	0	40
Total	1,796	100.0	8	100.0	298	1,490

5-Year Trend - Crashes by Month

	20	17	20	18	20	19	20	20	2021		
Month	Total Crashes	Fatal Crashes									
January	136	1	116	0	125	0	118	0	94	1	
February	96	0	88	0	116	0	100	0	93	0	
March	92	0	102	1	100	0	60	1	76	1	
April	55	0	79	0	76	0	37	0	69	0	
May	79	0	66	1	83	0	62	0	81	0	
June	108	0	125	0	102	2	106	2	116	1	
July	103	1	95	0	74	0	78	0	96	0	
August	94	2	75	0	62	0	69	0	99	0	
September	80	0	99	0	82	0	81	0	107	1	
October	119	0	117	2	141	1	141	1	140	1	
November	138	0	182	1	149	0	145	0	175	0	
December	176	0	163	0	143	0	97	0	131	2	
Total	1,276	4	1,307	5	1,253	3	1,094	4	1,277	7	

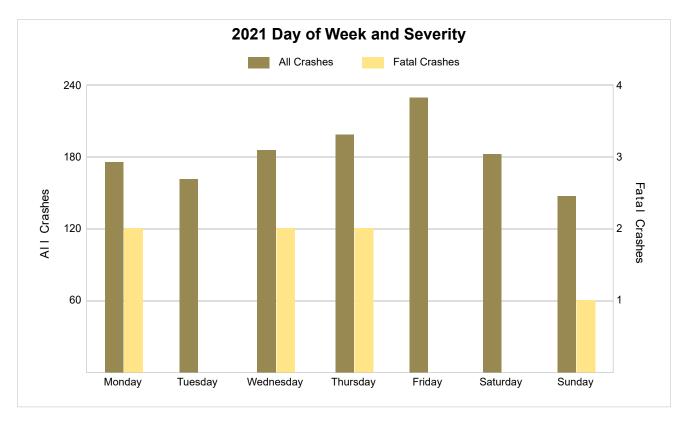
5-Year Trend - Crashes by Day of Week

	20	17	20	2018		19	20	20	20	21
Day	Total Crashes	Fatal Crashes								
Monday	153	0	201	1	171	0	176	1	175	2
Tuesday	146	0	199	1	204	1	129	2	161	0
Wednesday	179	0	162	0	191	0	152	0	185	2
Thursday	209	0	186	0	191	0	173	0	198	2
Friday	227	0	208	2	213	1	160	0	229	0
Saturday	196	3	182	0	170	1	158	1	182	0
Sunday	166	1	169	1	113	0	146	0	147	1
Total	1,276	4	1,307	5	1,253	3	1,094	4	1,277	7



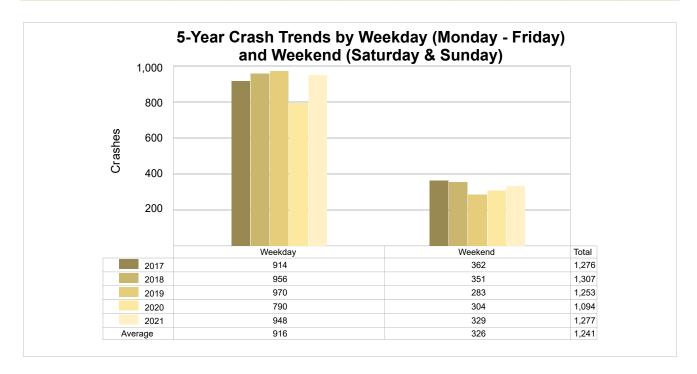
2021 - Crashes by Day of Week

Davi	All Cra	ishes	Fatal	Crashes	I	njury Crashe	s	PDO Crashes
Day	Number	% of Total	Fatal	% of Fatal	Α	В	С	Number
Monday	175	13.7	2	28.6	3	11	11	148
Tuesday	161	12.6	0	0.0	4	9	10	138
Wednesday	185	14.5	2	28.6	5	10	18	150
Thursday	198	15.5	2	28.6	2	8	14	172
Friday	229	17.9	0	0.0	1	9	27	192
Saturday	182	14.3	0	0.0	7	9	14	152
Sunday	147	11.5	1	14.3	7	7	10	122
Total	1,277	100.0	7	100.0	29	63	104	1,074



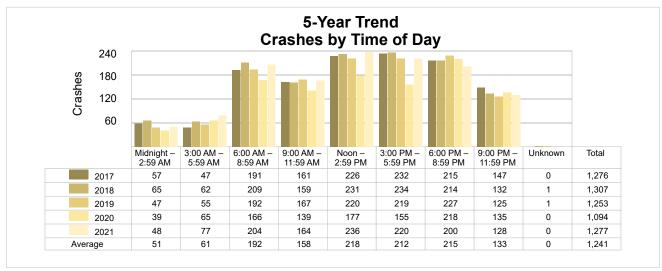
5-Year Trend - Crashes by Weekday and Weekend

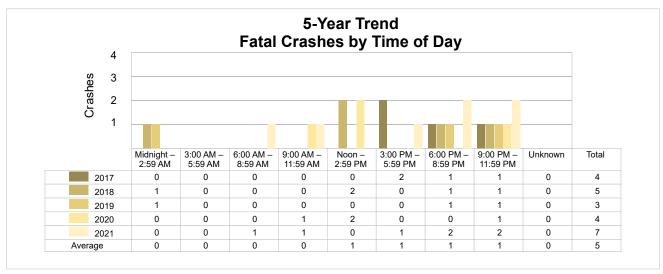
	2017		2018		20	19	20	20	2021	
Portion of Week	Total Crashes	Fatal Crashes								
Weekday	914	0	956	4	970	2	790	3	948	6
Weekend	362	4	351	1	283	1	304	1	329	1
Total	1,276	4	1,307	5	1,253	3	1,094	4	1,277	7



5-Year Trend - Crashes by Time of Day

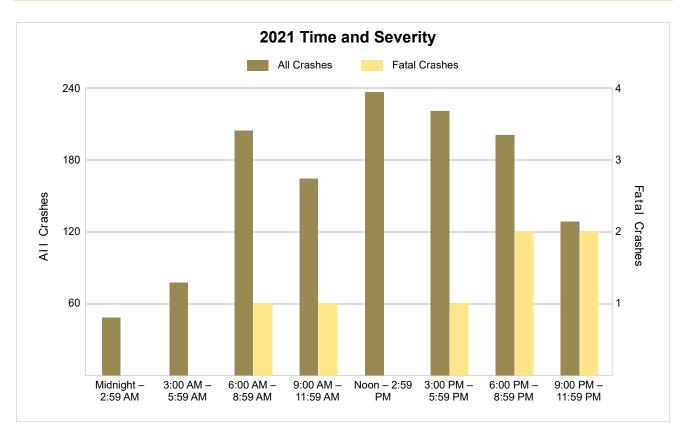
	20	17	20	18	20	19	20	20	20	21
Time of Day	Total Crashes	Fatal Crashes								
Midnight – 2:59 AM	57	0	65	1	47	1	39	0	48	0
3:00 AM - 5:59 AM	47	0	62	0	55	0	65	0	77	0
6:00 AM - 8:59 AM	191	0	209	0	192	0	166	0	204	1
9:00 AM - 11:59 AM	161	0	159	0	167	0	139	1	164	1
Noon – 2:59 PM	226	0	231	2	220	0	177	2	236	0
3:00 PM - 5:59 PM	232	2	234	0	219	0	155	0	220	1
6:00 PM – 8:59 PM	215	1	214	1	227	1	218	0	200	2
9:00 PM – 11:59 PM	147	1	132	1	125	1	135	1	128	2
Unknown	0	0	1	0	1	0	0	0	0	0
Total	1,276	4	1,307	5	1,253	3	1,094	4	1,277	7





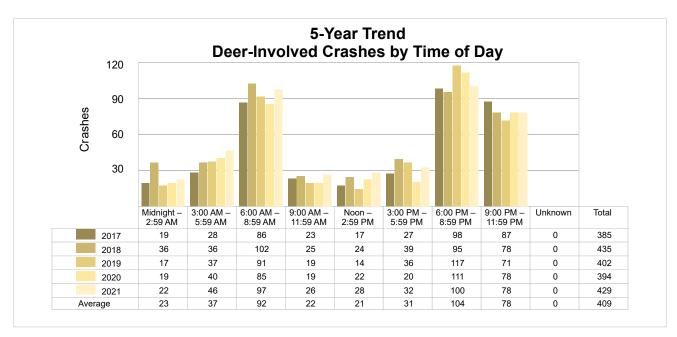
2021 - Time and Severity

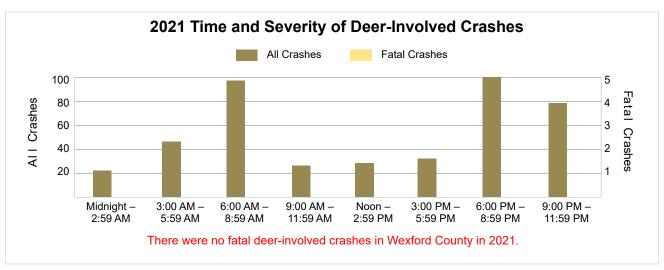
Time of Day	All Cra	shes	Fatal Cı	rashes	lr	ijury Crash	es	PDO Crashes
Time of Day	Number	% of Total	Number	% of Fatal	Α	В	С	Number
Midnight – 2:59 AM	48	3.8	0	0.0	0	4	3	41
3:00 AM - 5:59 AM	77	6.0	0	0.0	2	3	5	67
6:00 AM - 8:59 AM	204	16.0	1	14.3	1	8	17	177
9:00 AM - 11:59 AM	164	12.8	1	14.3	4	4	15	140
Noon – 2:59 PM	236	18.5	0	0.0	5	15	27	189
3:00 PM - 5:59 PM	220	17.2	1	14.3	8	16	20	175
6:00 PM - 8:59 PM	200	15.7	2	28.6	5	5	13	175
9:00 PM – 11:59 PM	128	10.0	2	28.6	4	8	4	110
Unknown	0	0.0	0	0.0	0	0	0	0
Total	1,277	100.0	7	100.0	29	63	104	1,074



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

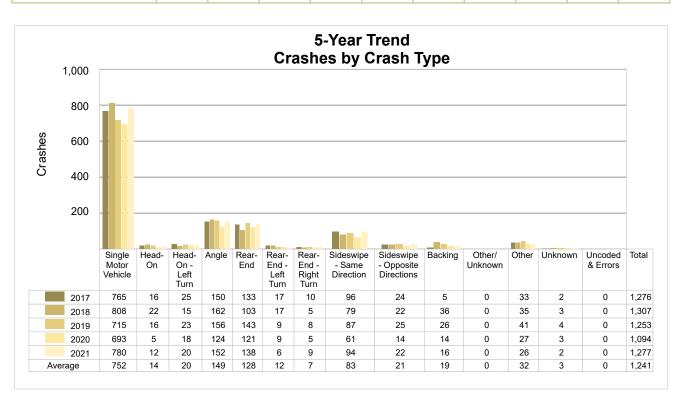
	20	17	20	18	20	19	20	20	20	21
Time of Day	Total Crashes	Fatal Crashes								
Midnight – 2:59 AM	19	0	36	0	17	0	19	0	22	0
3:00 AM - 5:59 AM	28	0	36	0	37	0	40	0	46	0
6:00 AM - 8:59 AM	86	0	102	0	91	0	85	0	97	0
9:00 AM – 11:59 AM	23	0	25	0	19	0	19	0	26	0
Noon – 2:59 PM	17	0	24	0	14	0	22	0	28	0
3:00 PM – 5:59 PM	27	0	39	0	36	0	20	0	32	0
6:00 PM – 8:59 PM	98	0	95	0	117	0	111	0	100	0
9:00 PM – 11:59 PM	87	0	78	0	71	0	78	0	78	0
Unknown	0	0	0	0	0	0	0	0	0	0
Total	385	0	435	0	402	0	394	0	429	0





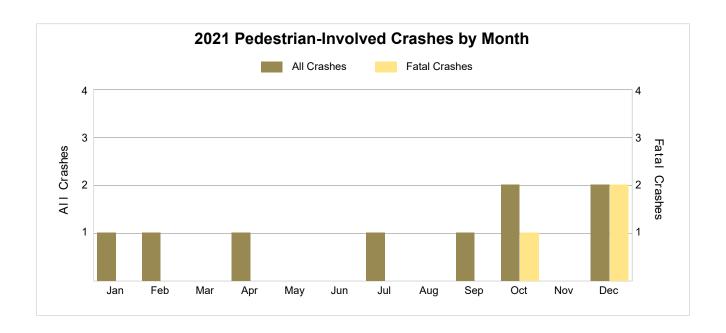
5-Year Trend - Crashes by Crash Type

	20	17	20	18	20	19	20	20	20	21
Crash Type	Total Crashes	Fatal Crashes								
Single Motor Vehicle	765	0	808	3	715	1	693	2	780	6
Head-On	16	0	22	0	16	0	5	0	12	0
Head-On - Left Turn	25	0	15	0	23	1	18	0	20	0
Angle	150	1	162	2	156	0	124	2	152	0
Rear-End	133	1	103	0	143	0	121	0	138	0
Rear-End - Left Turn	17	0	17	0	9	0	9	0	6	1
Rear-End - Right Turn	10	0	5	0	8	0	5	0	9	0
Sideswipe - Same Direction	96	0	79	0	87	0	61	0	94	0
Sideswipe - Opposite Directions	24	0	22	0	25	0	14	0	22	0
Backing	5	0	36	0	26	0	14	0	16	0
Other/Unknown	0	0	0	0	0	0	0	0	0	0
Other	33	2	35	0	41	1	27	0	26	0
Unknown	2	0	3	0	4	0	3	0	2	0
Uncoded & Errors	0	0	0	0	0	0	0	0	0	0
Total	1,276	4	1,307	5	1,253	3	1,094	4	1,277	7



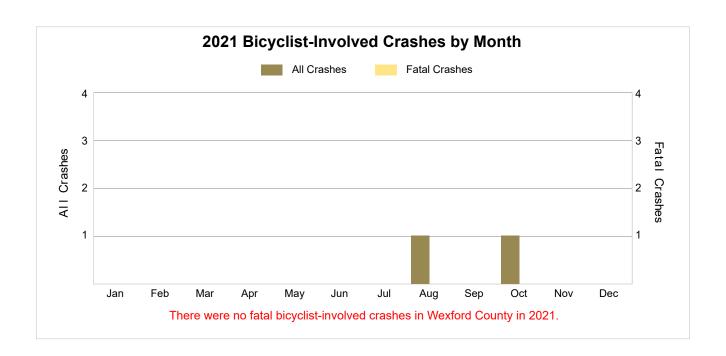
5-Year Trend - Pedestrian-Involved Crashes by Month

	20	17	20	2018		19	20	20	20	21
Month	Total Crashes	Fatal Crashes								
January	1	0	0	0	1	0	1	0	1	0
February	0	0	0	0	1	0	0	0	1	0
March	0	0	0	0	0	0	0	0	0	0
April	0	0	1	0	1	0	0	0	1	0
May	1	0	0	0	1	0	0	0	0	0
June	0	0	0	0	1	1	1	0	0	0
July	2	0	1	0	0	0	0	0	1	0
August	1	1	2	0	0	0	0	0	0	0
September	1	0	0	0	1	0	0	0	1	0
October	0	0	0	0	0	0	0	0	2	1
November	1	0	0	0	0	0	0	0	0	0
December	0	0	0	0	2	0	0	0	2	2
Total	7	1	4	0	8	1	2	0	9	3



5-Year Trend - Bicyclist-Involved Crashes by Month

				_						
	20	17	20	18	20	19	20	20	20	21
Month	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	1	0	0	0	0	0
May	0	0	1	0	1	0	0	0	0	0
June	1	0	2	0	3	0	1	0	0	0
July	0	0	0	0	0	0	1	0	0	0
August	0	0	3	0	1	0	0	0	1	0
September	1	0	1	0	0	0	1	0	0	0
October	2	0	0	0	0	0	0	0	1	0
November	0	0	0	0	0	0	0	0	0	0
December	1	0	0	0	0	0	0	0	0	0
Total	6	0	7	0	6	0	3	0	2	0



2021 - Reported Motor Vehicle Crashes by Municipality

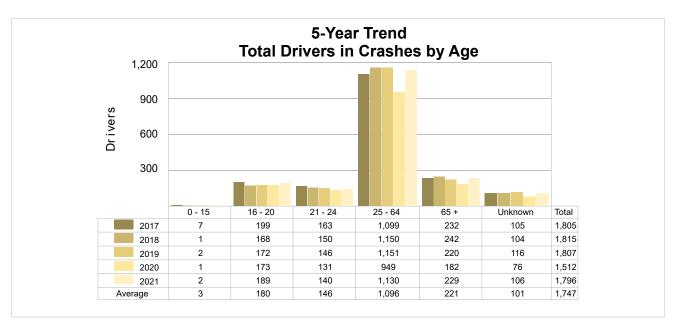
						1	(Crashes					
Municipality	Total	Fatal	Injury	Property Damage	Inter- State	US Route	State Route	Local Street	Alcohol- Involved	Drug- Involved	Deer- Involved	Pedestrian- Involved	Bicyclist- Involved
Antioch Twp.	58	0	6	52	0	0	39	18	2	0	35	0	0
Boon Twp.	30	0	6	24	0	0	11	18	0	0	10	0	0
Buckley	1	0	0	1	0	0	0	1	0	0	0	0	0
Cadillac	264	1	41	222	0	137	31	96	5	4	8	4	2
Cedar Creek Twp.	62	0	14	48	0	27	4	28	3	1	22	0	0
Cherry Grove Twp.	40	0	6	34	0	0	27	13	0	0	26	0	0
Clam Lake Twp.	176	3	24	149	0	79	43	54	2	1	71	1	0
Colfax Twp.	18	0	4	14	0	0	0	18	0	0	7	0	0
Greenwood Twp.	23	0	1	22	0	0	0	23	2	1	13	0	0
Hanover Twp.	14	0	2	12	0	0	5	9	1	0	1	0	0
Haring Twp.	215	0	44	171	0	122	8	83	4	1	50	1	0
Harrietta	1	0	0	1	0	0	0	1	0	0	0	0	0
Henderson Twp.	24	1	2	21	0	0	13	11	0	0	11	1	0
Liberty Twp.	46	0	8	38	0	27	0	18	1	0	26	0	0
Manton	10	0	0	10	0	4	1	5	0	0	0	0	0
Mesick	1	0	0	1	0	0	0	0	0	0	1	0	0
Selma Twp.	95	0	11	84	0	0	48	47	4	2	45	0	0
Slagle Twp.	30	0	3	27	0	0	22	8	1	0	21	0	0
South Branch Twp.	36	1	3	32	0	0	26	10	0	0	23	0	0
Springville Twp.	76	1	12	63	0	0	58	18	4	0	32	2	0
Wexford Twp.	57	0	9	48	0	0	30	27	2	0	27	0	0
Total	1,277	7	196	1,074	0	396	366	506	31	10	429	9	2

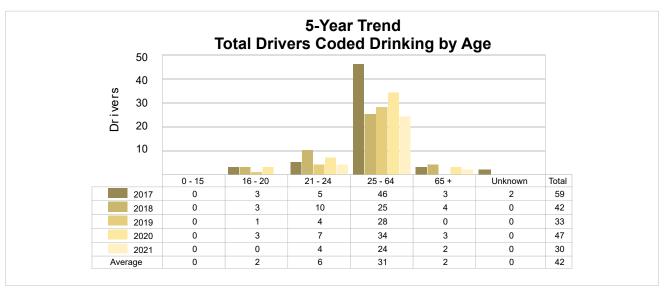
2021 - People in Reported Motor Vehicle Crashes by Municipality

			Peo	ple		
Municipality	Fatalities	Suspected Serious Injuries	Suspected Minor Injuries	Possible Injuries	No Injuries	Uncoded & Errors
Antioch Twp.	0	7	2	7	62	3
Boon Twp.	0	2	0	8	33	2
Buckley	0	0	0	0	1	0
Cadillac	1	0	24	71	451	69
Cedar Creek Twp.	0	1	13	6	63	7
Cherry Grove Twp.	0	3	5	11	53	0
Clam Lake Twp.	3	1	16	31	256	4
Colfax Twp.	0	0	6	3	21	0
Greenwood Twp.	0	0	1	0	24	1
Hanover Twp.	0	2	0	2	17	5
Haring Twp.	0	23	36	63	369	8
Harrietta	0	0	0	0	1	0
Henderson Twp.	1	2	0	1	29	0
Liberty Twp.	0	8	2	10	54	0
Manton	0	0	0	0	15	2
Mesick	0	0	0	0	1	0
Selma Twp.	0	4	3	13	121	3
Slagle Twp.	0	0	3	1	31	0
South Branch Twp.	1	3	4	0	38	0
Springville Twp.	1	6	7	13	98	3
Wexford Twp.	0	6	10	5	73	0
Total	7	68	132	245	1,811	107

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

	201	17	201	18	201	19	202	20	202	21
Driver Age	Total Drivers in Crashes	Total Drivers Coded Drinking								
0 - 15	7	0	1	0	2	0	1	0	2	0
16 - 20	199	3	168	3	172	1	173	3	189	0
21 - 24	163	5	150	10	146	4	131	7	140	4
25 - 64	1,099	46	1,150	25	1,151	28	949	34	1,130	24
65 +	232	3	242	4	220	0	182	3	229	2
Unknown	105	2	104	0	116	0	76	0	106	0
Total	1,805	59	1,815	42	1,807	33	1,512	47	1,796	30





2021 - Bodily Alcohol Concentration (BAC) Results Among All Vehicle Drivers in Alcohol-Involved Crashes by Age

		Driv	ers		В	AC Result Ra	nge for Drive	rs Coded Drir	ıking
Age Group	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 - 20	0	1	0	0	0	0	0	0	0
21 - 24	4	4	3	4	0	0	0	2	2
25 - 64	33	35	21	24	0	1	6	7	10
65 +	3	2	2	2	0	0	2	0	0
Unknown	2	0	0	0	0	0	0	0	0
Total	42	42	26	30	0	1	8	9	12

Notes: 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).

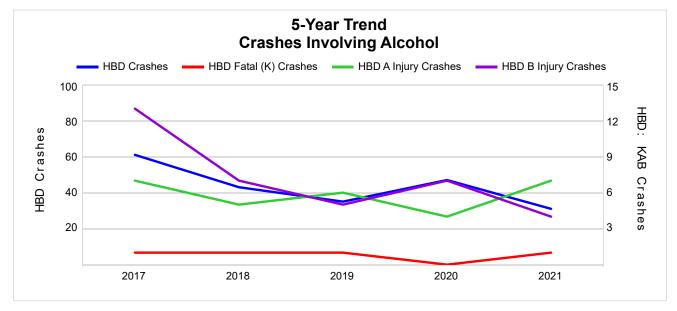
A driver may be coded by the officer as drinking even though no test is administered.

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
2017	1,276	61	4.8	4	1	25.0	40	7	17.5	72	13	18.1
2018	1,307	43	3.3	5	1	20.0	25	5	20.0	54	7	13.0
2019	1,253	35	2.8	3	1	33.3	34	6	17.6	46	5	10.9
2020	1,094	47	4.3	4	0	0.0	22	4	18.2	50	7	14.0
2021	1,277	31 *	2.4 *	7 **	1	14.3	29	7	24.1 **	63	4 *	6.3 *

Note: * 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.



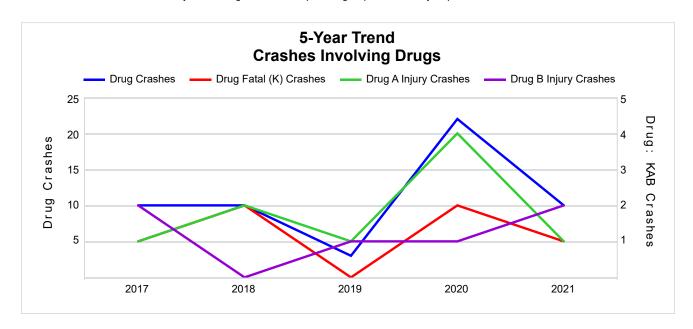
Note: Had-Been-Drinking (HBD)

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
2017	1,276	10	0.8	4	1	25.0	40	1	2.5	72	2	2.8
2018	1,307	10	0.8	5	2	40.0	25	2	8.0	54	0	0.0
2019	1,253	3	0.2	3	0	0.0	34	1	2.9	46	1	2.2
2020	1,094	22	2.0	4	2	50.0	22	4	18.2	50	1	2.0
2021	1,277	10	0.8	7 **	1	14.3	29	1	3.4	63	2	3.2 **

Note: * 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.

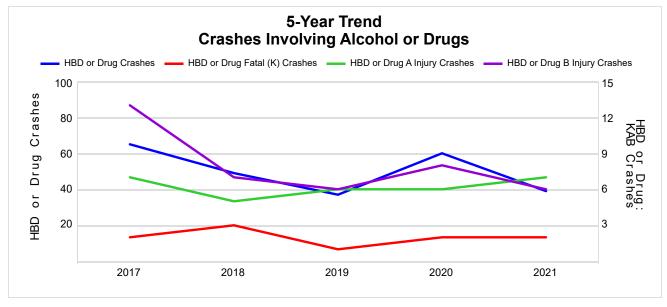


5-Year Trend - Crashes Involving Alcohol or Drugs

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
2017	1,276	65	5.1	4	2	50.0	40	7	17.5	72	13	18.1
2018	1,307	49	3.7	5	3	60.0	25	5	20.0	54	7	13.0
2019	1,253	37	3.0	3	1	33.3	34	6	17.6	46	6	13.0
2020	1,094	60	5.5	4	2	50.0	22	6	27.3	50	8	16.0
2021	1,277	39	3.1	7 **	2	28.6 *	29	7	24.1	63	6	9.5 *

Note: * 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.



Note: Had-Been-Drinking (HBD)

2021 - Restraints Worn Among Vehicle Drivers and Injured Passengers by Vehicle Type

						_												
Vehiele Type	Tot	tal Occupai	nts		Fatalities		Α	- Suspecte Serious	d	B - S	uspected N	/linor	С-	Possible In	jury		No Injury	
Vehicle Type	Total	Used Restraint	%	Total	Used Restraint	%	Total	Used Restraint	%	Total	Used Restraint	%	Total	Used Restraint	%	Total	Used Restraint	%
Passenger Car, SUV, Van	1,302	1,222	93.9	1	0	0.0	22	20	90.9	52	40	76.9	95	89	93.7	1,096	1,073	97.9
Motor Home	5	4	80.0	0	0	0.0	0	0	0.0	0	0	0.0	1	0	0.0	4	4	100.0
Pickup Truck	419	376	89.7	1	0	0.0	8	6	75.0	16	12	75.0	31	28	90.3	341	330	96.8
Small Truck Under 10,000 lbs. GVWR	7	4	57.1	1	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	4	4	100.0
Motorcycle	18	13	72.2	0	0	0.0	7	4	57.1	9	7	77.8	1	1	100.0	1	1	100.0
Moped/Goped	3	1	33.3	0	0	0.0	0	0	0.0	1	0	0.0	0	0	0.0	1	1	100.0
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	6	6	100.0	1	1	100.0	0	0	0.0	2	2	100.0	1	1	100.0	2	2	100.0
Off-Road Vehicle (ORV)/All-Terrain Vehicle (ATV)	8	5	62.5	0	0	0.0	3	2	66.7	1	1	100.0	1	0	0.0	3	2	66.7
Other (non-registered farm equipment, construction equipment, snow plows, etc.)	8	5	62.5	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	5	5	100.0
Truck/Bus (over 10,000 lbs. GVWR/8+ occupants/hazmat placard)	57	51	89.5	0	0	0.0	0	0	0.0	1	1	100.0	6	4	66.7	47	46	97.9
Uncoded & Errors	40	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0
Total	1,873	1,687	90.1	4	1	25.0	40	32	80.0	82	63	76.8	136	123	90.4	1,504	1,468	97.6

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.

2021 - Restraints Worn Among Vehicle Drivers and Injured Passengers by Age

											_							
	Tot	al Occupan	ts		Fatalities		A - Sı	spected Se	rious	B - S	Suspected M	inor	C -	Possible Inj	ury		No Injury	
Age Group	Total	Used Restraint	%	Total	Used Restraint	%	Total	Used Restraint	%	Total	Used Restraint	%	Total	Used Restraint	%	Total	Used Restraint	%
0 - 15	21	20	95.2	0	0	0.0	5	5	100.0	2	2	100.0	13	12	92.3	1	1	100.0
16 - 20	199	192	96.5	0	0	0.0	4	4	100.0	9	6	66.7	22	18	81.8	164	164	100.0
21 - 24	147	137	93.2	0	0	0.0	4	3	75.0	8	5	62.5	14	12	85.7	121	117	96.7
25 - 64	1,166	1,109	95.1	4	1	25.0	22	17	77.3	51	39	76.5	76	70	92.1	1,011	982	97.1
65 +	234	228	97.4	0	0	0.0	5	3	60.0	12	11	91.7	11	11	100.0	206	203	98.5
Unknown	106	1	0.9	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	1	1	100.0
Total	1,873	1,687	90.1	4	1	25.0	40	32	80.0	82	63	76.8	136	123	90.4	1,504	1,468	97.6

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.

5-Year Trend - Restraint Use Among Drivers

		2017			2018			2019			2020			2021	
Restraint Use	Drivers	Fatal Drivers	Injured Drivers												
No Belts Available	6	0	2	5	0	0	5	0	0	2	0	1	4	0	0
Shoulder Belt Only Used	19	0	1	16	0	2	9	0	0	6	0	0	5	0	2
Lap Belt Only Used	5	0	0	7	0	0	5	0	1	3	0	0	4	0	0
Both Lap & Shoulder Belt Used	1,597	1	168	1,613	1	140	1,615	0	132	1,368	1	132	1,589	0	133
No Belts Used	14	1	10	19	3	8	9	1	6	13	0	9	14	2	9
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	1	0	0	0	0	0	0	0	0
Restraint Use Unknown	127	0	4	136	0	6	140	0	2	100	1	5	152	1	17
Helmet Worn	14	0	10	10	1	6	13	0	10	11	1	9	21	1	15
Helmet Not Worn	11	1	7	3	0	3	9	0	5	9	0	6	6	0	5
Helmet Use Unknown	3	0	2	0	0	0	0	0	0	0	0	0	0	0	0
Uncoded & Errors	9	0	0	6	0	0	1	0	0	0	0	0	1	0	0
Total	1,805	3	204	1,815	5	165	1,807	1	156	1,512	3	162	1,796	4	181

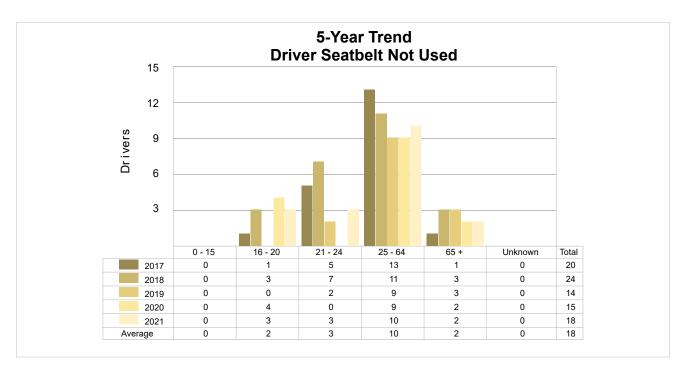
5-Year Trend - Restraint Use Among Drivers Coded Drinking

		2017			2018			2019			2020			2021	
Restraint Use	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	0	0	0	1	0	1	0	0	0	1	0	0	1	0	0
Lap Belt Only Used	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Both Lap & Shoulder Belt Used	31	0	8	21	0	5	23	0	6	31	0	13	21	0	8
No Belts Used	4	0	3	5	1	3	2	0	2	4	0	3	1	0	1
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	18	0	3	13	0	2	5	0	2	10	0	2	6	0	3
Helmet Worn	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Helmet Not Worn	2	0	2	2	0	2	2	0	2	0	0	0	0	0	0
Helmet Use Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Uncoded & Errors	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	59	0	17	42	1	13	33	0	12	47	0	19	30	0	12

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

Age Group	2017			2018			2019			2020			2021		
	Drivers	Fatal Drivers	Injured Drivers												
0 - 15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 - 20	1	0	0	3	0	0	0	0	0	4	0	4	3	0	3
21 - 24	5	0	3	7	1	2	2	0	0	0	0	0	3	0	2
25 - 64	13	1	8	11	1	6	9	0	5	9	0	4	10	2	3
65 +	1	0	1	3	1	0	3	1	1	2	0	2	2	0	1
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	20	1	12	24	3	8	14	1	6	15	0	10	18	2	9

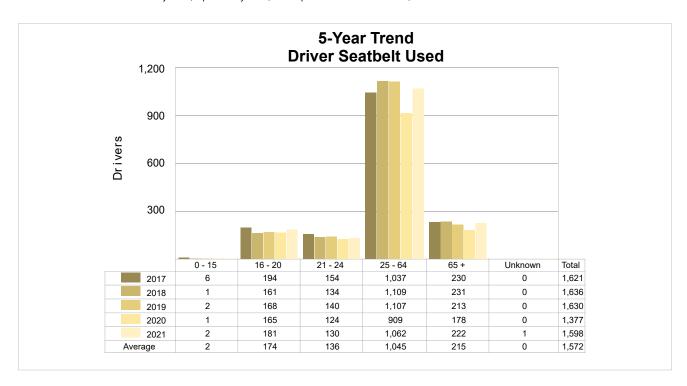
Note: Seatbelt Not Used includes no belts available or no belts used.



5-Year Trend - Seatbelt Used Among Drivers by Age

Age Group	2017			2018			2019			2020			2021		
	Drivers	Fatal Drivers	Injured Drivers												
0 - 15	6	0	0	1	0	1	2	0	0	1	0	1	2	0	1
16 - 20	194	0	22	161	0	20	168	0	10	165	1	17	181	0	17
21 - 24	154	0	15	134	1	15	140	0	14	124	0	13	130	0	14
25 - 64	1,037	1	112	1,109	0	90	1,107	0	92	909	0	79	1,062	0	84
65 +	230	0	20	231	0	16	213	0	17	178	0	22	222	0	19
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Total	1,621	1	169	1,636	1	142	1,630	0	133	1,377	1	132	1,598	0	135

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



5-Year Trend - Drivers in Crashes by Hazardous Action

	20	17	20	18	20	19	20	20	2021		
Hazardous Action	Total Drivers in Crashes	Drivers in Fatal Crashes									
None	943	3	1,012	2	1,005	2	864	2	1,017	4	
Speed Too Fast	267	1	238	1	222	0	148	1	185	3	
Speed Too Slow	1	0	1	0	1	0	0	0	0	0	
Failed to Yield	157	1	172	1	172	1	133	0	185	1	
Disregard Traffic Control	21	0	23	1	32	0	39	2	27	0	
Drove Wrong Way	2	0	0	0	0	0	0	0	0	0	
Drove Left of Center	12	0	15	0	10	0	12	0	13	0	
Improper Passing	12	0	10	0	7	0	7	0	6	0	
Improper Lane Use	27	0	31	0	27	0	17	0	37	0	
Improper Turn	17	0	15	0	9	0	7	0	11	0	
Improper/No Signal	1	0	2	0	2	0	4	0	3	0	
Improper Backing	19	0	44	0	37	0	23	0	16	0	
Unable to Stop in Assured Clear Distance	125	0	114	0	138	0	106	0	133	0	
Other	50	0	36	0	35	0	46	0	39	0	
Unknown	79	1	57	2	66	0	35	0	60	0	
Reckless Driving	11	2	3	0	8	0	22	0	7	0	
Careless/Negligent Driving	58	0	40	0	36	1	49	1	57	0	
Uncoded & Errors	3	0	2	0	0	0	0	0	0	0	
Total	1,805	8	1,815	7	1,807	4	1,512	6	1,796	8	

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

