



2020

MTCF
Michigan Traffic
Crash Facts

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

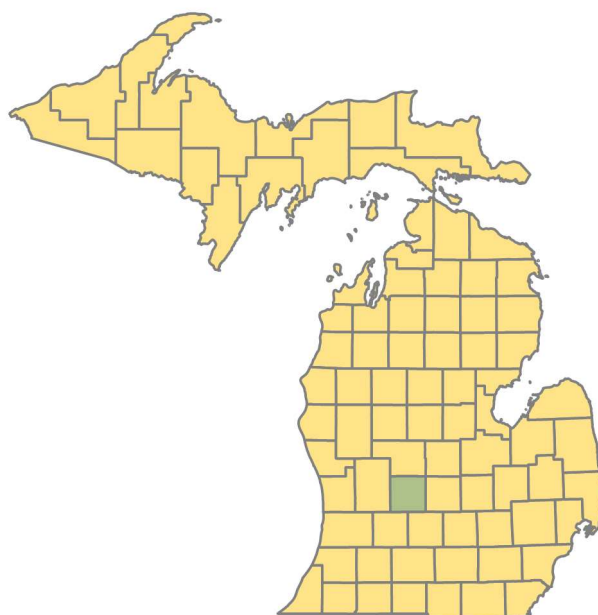
C = Possible Injury

O = No Injury

Property Damage Only (PDO)

Ionia County

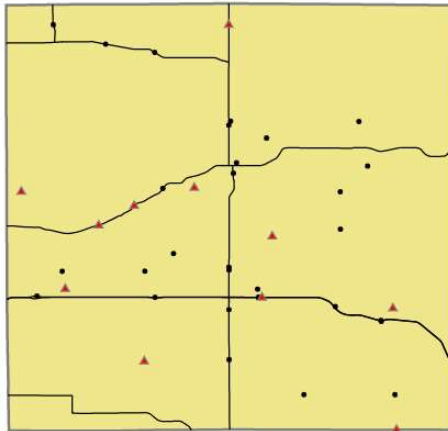
2020 Traffic Crash Data & 2016-2020 5-Year Trends



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.

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Crashes by most severe injury (mapped/actual)

- ▲ K - Fatal (11/11)
- A - Suspected Serious (30/30)

Ionia County

In 2020:

There were 2,051 drivers involved in 1,508 motor vehicle crashes in Ionia County. Of those crashes, 11 were classified as fatal, resulting in 13 fatalities. An additional 280 persons were injured.

Ionia County experienced the highest number of motor vehicle crashes (195) in January, the highest number of fatal crashes (4) in October, and the highest number of persons killed (4) in February and October.

Michigan driver statistics indicate 6.6 percent of licensed drivers in Ionia County were age 16-20, and 11.5 percent of drivers in crashes were also in that age group.

2020 - Crashes and Injuries by Month

Month	Crashes				Persons	
	Total	Fatal	Injury	Property Damage Only (PDO)	Fatalities	Injuries
January	195	0	29	166	0	41
February	194	2	31	161	4	38
March	89	0	15	74	0	18
April	50	0	5	45	0	5
May	73	3	11	59	3	13
June	119	1	19	99	1	28
July	118	1	20	97	1	27
August	90	0	19	71	0	25
September	114	0	19	95	0	24
October	175	4	20	151	4	24
November	169	0	20	149	0	26
December	122	0	8	114	0	11
Total	1,508	11	216	1,281	13	280

2020 - Driver Statistics

Age Group	Ionia County			Driver Rates	
	2019 Population*	Licensed Drivers	Drivers in Crashes	Per 10k Population	Per 10k Licensed
0 - 15	12,583	281	6	4.8	213.5
16 - 20	3,941	2,929	236	598.8	805.7
21 - 24	3,617	2,631	220	608.2	836.2
25 - 64	34,712	29,022	1,301	374.8	448.3
65 +	9,844	9,224	176	178.8	190.8
Unknown	0	0	112	--	--
Total	64,697	44,087	2,051	317.0	465.2

*2020 Population of Michigan Counties (by single-year of age) not yet available from U.S. Census Bureau

2020 - 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	1,522	74.2	16	80.0	241	1,265
Motor home	3	0.1	0	0.0	0	3
Pickup truck	372	18.1	2	10.0	48	322
Small truck under 10,000 lbs. GVWR	12	0.6	0	0.0	2	10
Motorcycle	20	1.0	1	5.0	13	6
Moped / goped	3	0.1	0	0.0	3	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	4	0.2	0	0.0	4	0
Other	7	0.3	0	0.0	0	7
Truck/bus over 10,000 lbs.	68	3.3	1	5.0	13	54
Unknown	38	1.9	0	0.0	0	38
Total	2,051	100.0	20	100.0	325	1,706

5-Year Trend - Crashes by Month

Month	2016		2017		2018		2019		2020	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
January	194	0	163	0	197	0	194	0	195	0
February	128	1	108	1	143	1	215	0	194	2
March	120	0	130	1	121	0	147	0	89	0
April	102	0	94	3	109	0	163	0	50	0
May	119	0	111	1	106	0	136	0	73	3
June	105	0	152	1	130	0	138	0	119	1
July	105	0	99	0	116	1	130	0	118	1
August	99	3	92	1	103	1	120	1	90	0
September	123	0	120	1	116	0	109	3	114	0
October	160	1	167	0	203	1	182	0	175	4
November	167	2	199	1	236	1	249	0	169	0
December	241	0	314	0	156	0	180	0	122	0
Total	1,663	7	1,749	10	1,736	5	1,963	4	1,508	11

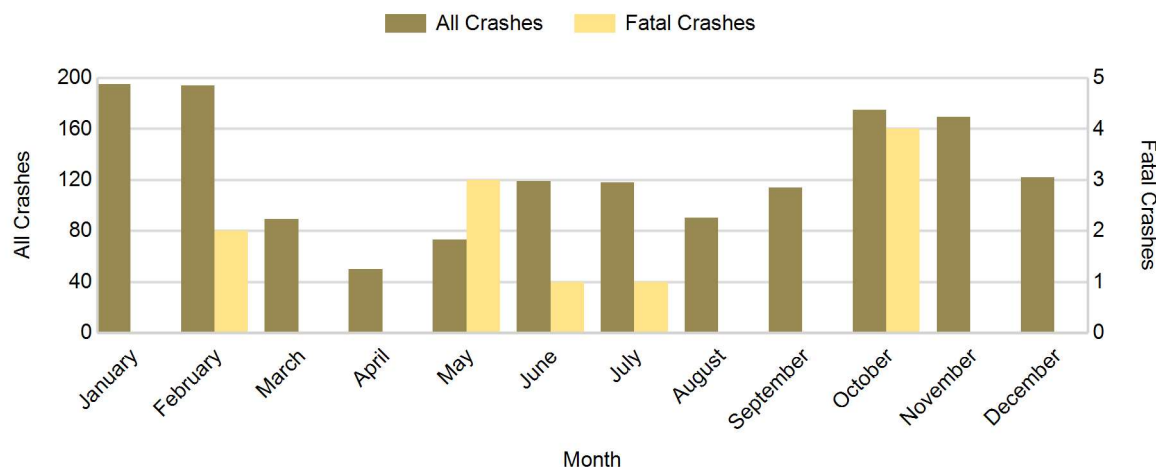
Note: † Indicates that the highest number of total crashes reported in the 5-year period occurred in the same month

5-Year Trend - Crashes by Day of Week

Day	2016		2017		2018		2019		2020	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Monday	253	2	284	1	278	2	300	0	196	0
Tuesday	234	1	230	1	239	1	267	1	229	3
Wednesday	233	1	248	3	266	1	318	1	229	3
Thursday	234	1	252	1	249	0	256	1	224	0
Friday	276	2	274	0	276	1	280	0	244	3
Saturday	216	0	236	3	223	0	248	1	209	1
Sunday	217	0	225	1	205	0	294	0	177	1
Total	1,663	7	1,749	10	1,736	5	1,963	4	1,508	11

Note: † Indicates that the highest number of total crashes reported in the 5-year period occurred on the same day of the week

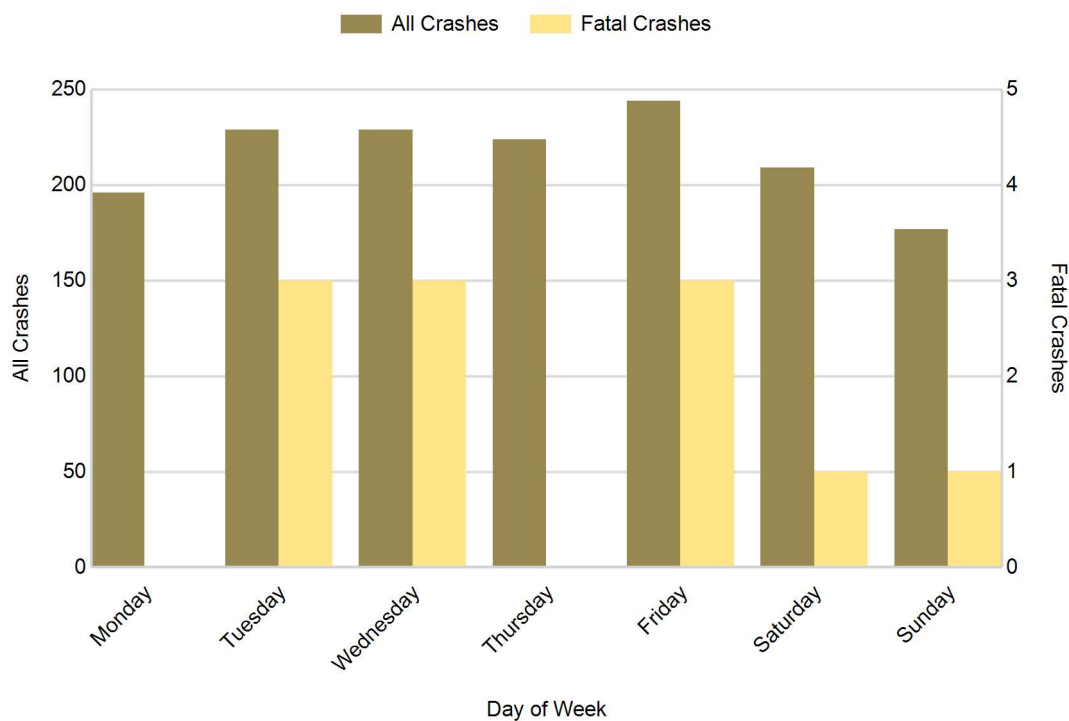
2020 Crashes by Month



2020 - Crashes by Day of Week

Day	All Crashes		Fatal Crashes		Injury Crashes			PDO Crashes
	Number	% of Total	Number	% of Fatal	A	B	C	Number
Monday	196	13.0	0	0.0	4	12	13	167
Tuesday	229	15.2	3	27.3	3	7	21	195
Wednesday	229	15.2	3	27.3	4	8	13	201
Thursday	224	14.9	0	0.0	2	17	19	186
Friday	244	16.2	3	27.3	4	14	13	210
Saturday	209	13.9	1	9.1	4	18	13	173
Sunday	177	11.7	1	9.1	9	7	11	149
Total	1,508	100.0	11	100.0	30	83	103	1,281

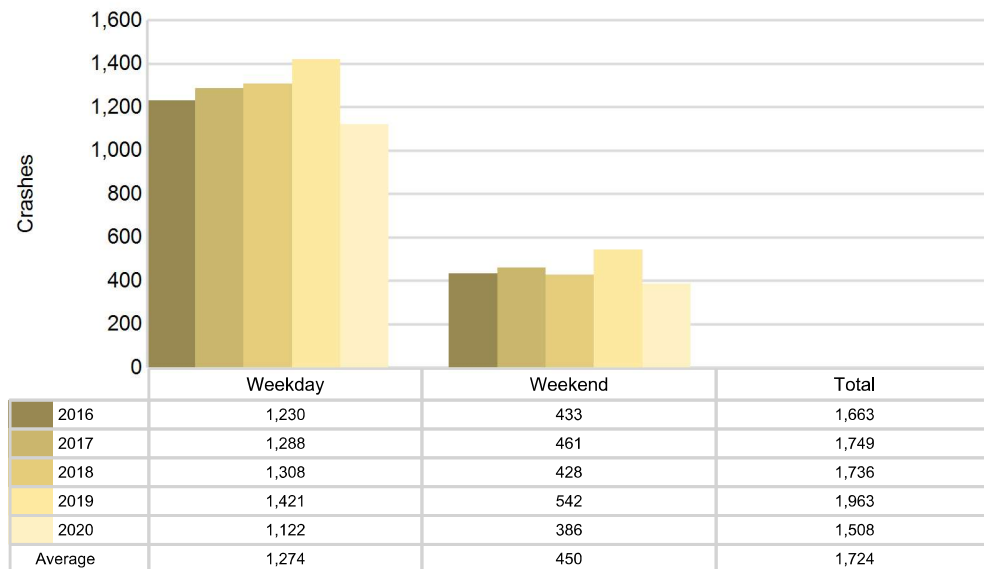
2020 Day of Week and Severity



5-Year Trend - Crashes by Weekday and Weekend

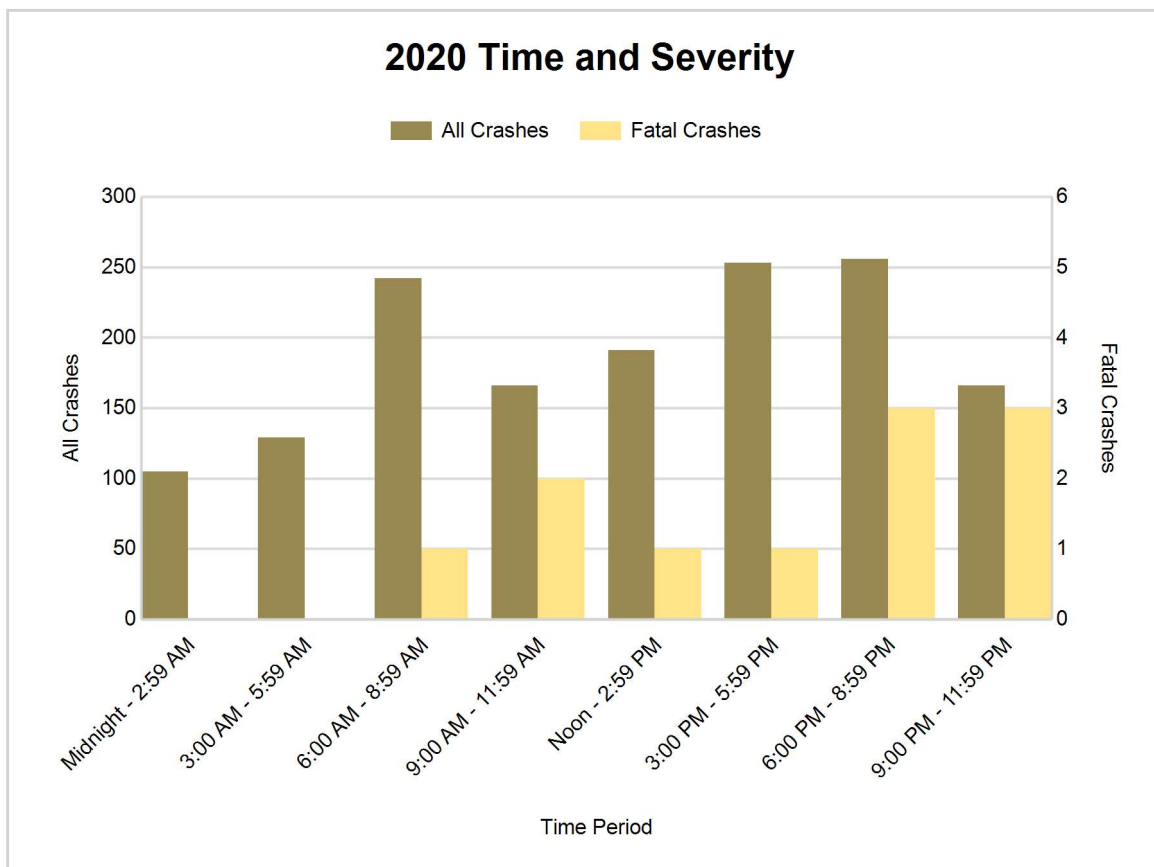
Portion of Week	2016		2017		2018		2019		2020	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Weekday	1,230	7	1,288	6	1,308	5	1,421	3	1,122	9
Weekend	433	0	461	4	428	0	542	1	386	2
Total	1,663	7	1,749	10	1,736	5	1,963	4	1,508	11

5-Year Crash Trends by Weekday (Monday - Friday) and Weekend (Saturday & Sunday)



2020 - Time and Severity

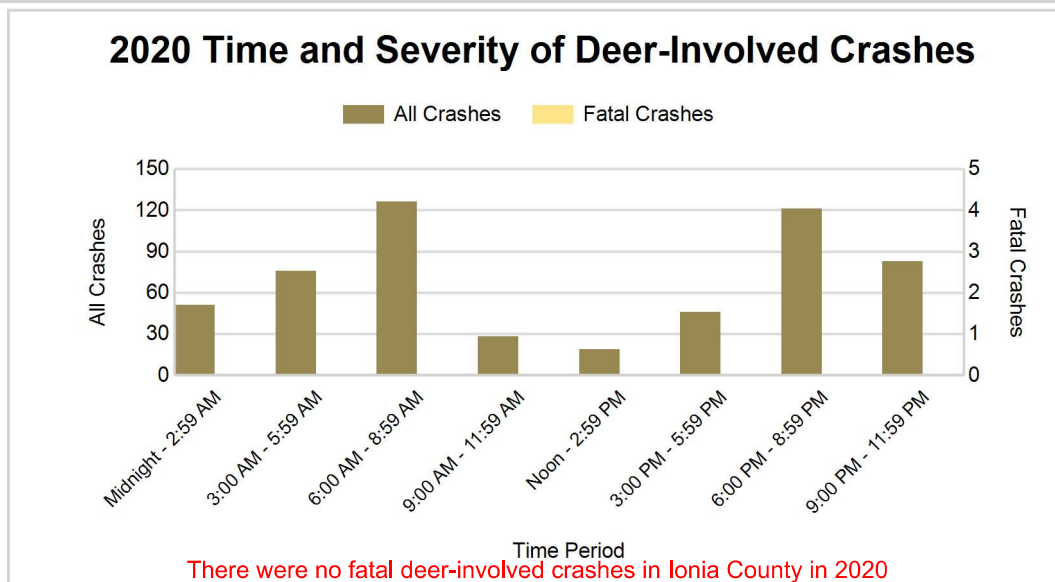
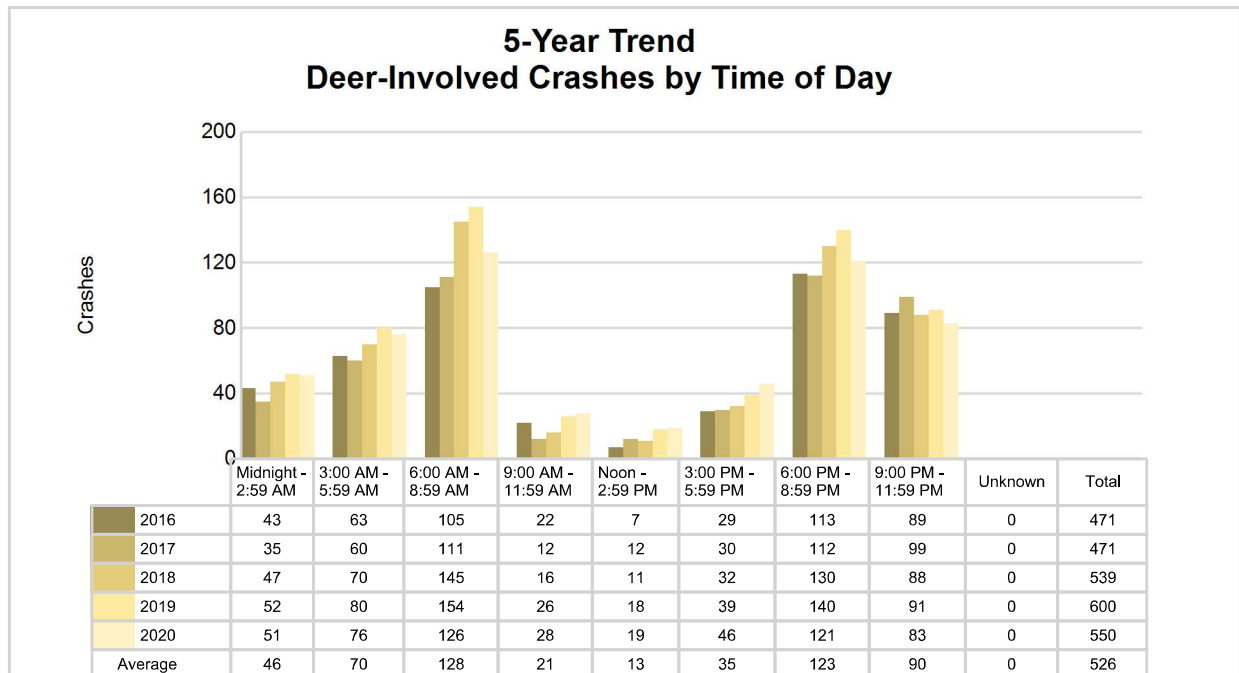
Time of Day	All Crashes		Fatal Crashes		Injury Crashes			PDO Crashes
	Number	% of Total	Number	% of Fatal	A	B	C	Number
Midnight - 2:59 AM	105	7.0	0	0.0	5	7	4	89
3:00 AM - 5:59 AM	129	8.6	0	0.0	3	5	7	114
6:00 AM - 8:59 AM	242	16.0	1	9.1	2	6	10	223
9:00 AM - 11:59 AM	166	11.0	2	18.2	0	12	9	143
Noon - 2:59 PM	191	12.7	1	9.1	2	19	18	151
3:00 PM - 5:59 PM	253	16.8	1	9.1	4	13	26	209
6:00 PM - 8:59 PM	256	17.0	3	27.3	7	13	19	214
9:00 PM - 11:59 PM	166	11.0	3	27.3	7	8	10	138
Unknown	0	0.0	0	0.0	0	0	0	0
Total	1,508	100.0	11	100.0	30	83	103	1,281



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

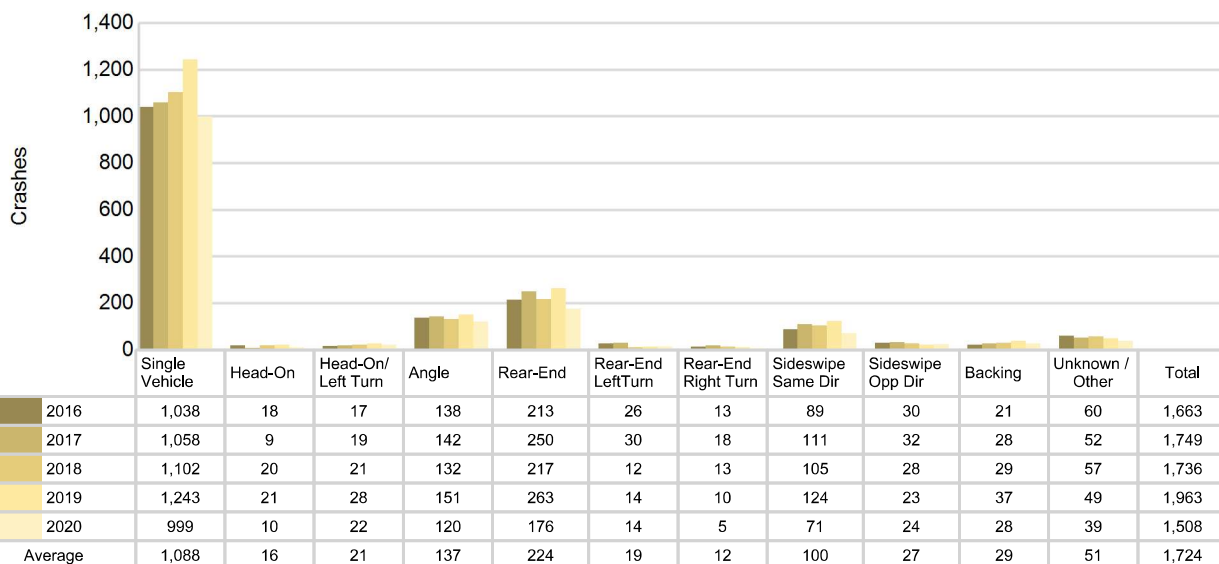
Time of Day	2016		2017		2018		2019		2020	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Midnight - 2:59 AM	43	0	35	0	47	0	52	0	51	0
3:00 AM - 5:59 AM	63	0	60	0	70	0	80	0	76	0
6:00 AM - 8:59 AM	105	0	111	0	145	0	154	0	126	0
9:00 AM - 11:59 AM	22	0	12	0	16	0	26	0	28	0
Noon - 2:59 PM	7	0	12	0	11	0	18	0	19	0
3:00 PM - 5:59 PM	29	0	30	0	32	0	39	0	46	0
6:00 PM - 8:59 PM	113	0	112	0	130	0	140	0	121	0
9:00 PM - 11:59 PM	89	0	99	0	88	0	91	0	83	0
Unknown	0	0	0	0	0	0	0	0	0	0
Total	471	0	471	0	539	0	600	0	550	0

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



5-Year Trend - Crashes by Crash Type

Crash Type	2016		2017		2018		2019		2020	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Single motor vehicle	1,038	3	1,058	7	1,102	2	1,243	1	999	5
Head-on	18	2	9	0	20	2	21	1	10	3
Head-on / left turn	17	0	19	0	21	0	28	0	22	0
Angle	138	2	142	0	132	1	151	0	120	2
Rear-end	213	0	250	1	217	0	263	0	176	1
Rear-end left turn	26	0	30	0	12	0	14	0	14	0
Rear-end right turn	13	0	18	0	13	0	10	0	5	0
Sideswipe same direction	89	0	111	0	105	0	124	0	71	0
Sideswipe opposite direction	30	0	32	1	28	0	23	0	24	0
Backing	21	0	28	0	29	0	37	0	28	0
Other / Unknown	60	0	52	1	57	0	49	2	39	0
Uncoded and Errors	0	0	0	0	0	0	0	0	0	0
Total	1,663	7	1,749	10	1,736	5	1,963	4	1,508	11

5-Year Trend
Crashes by Crash Type

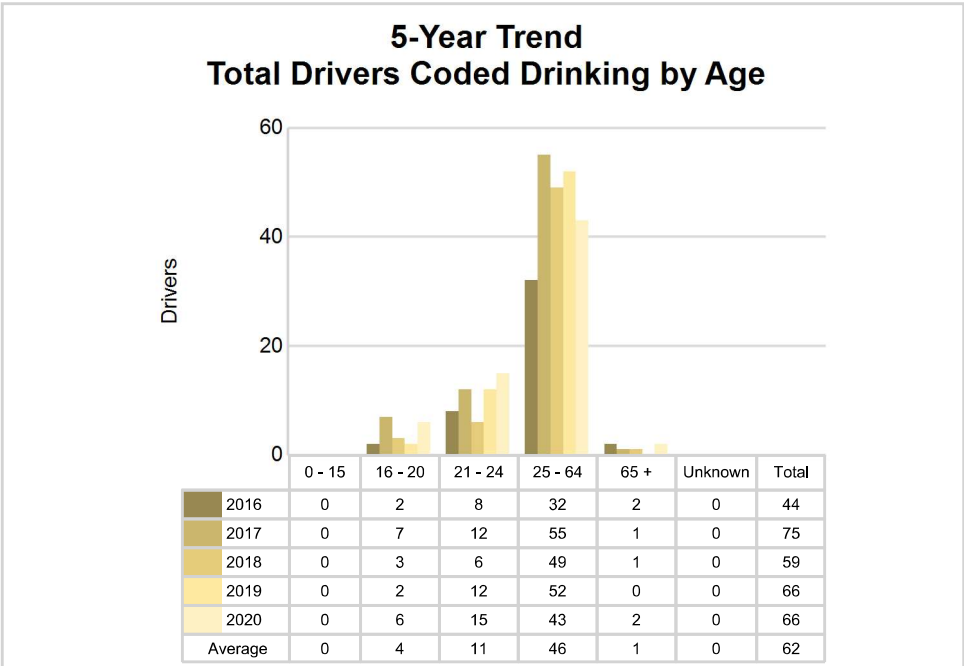
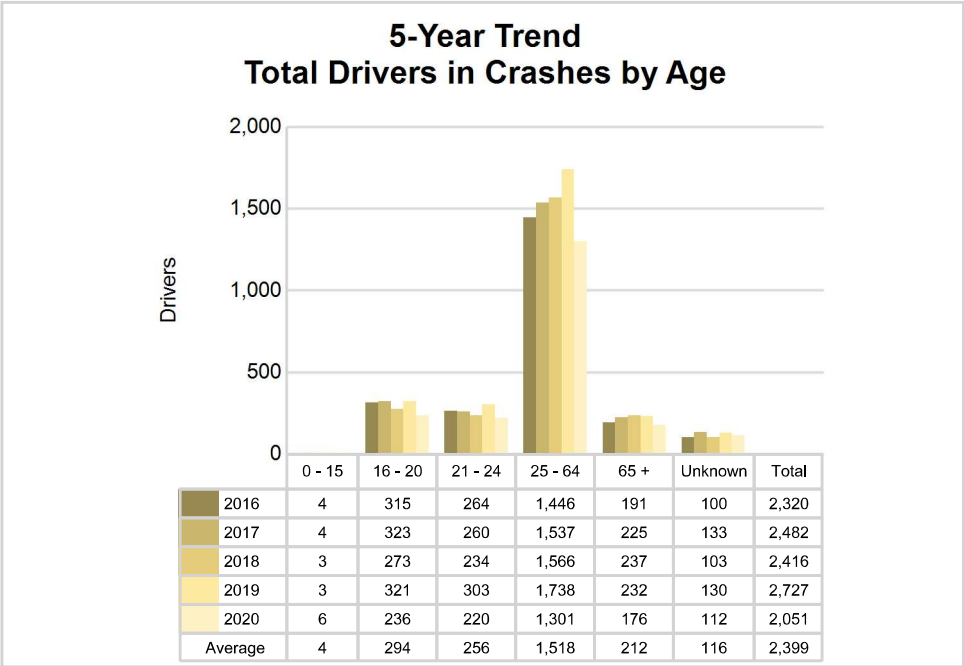
Ionia County (continued)

2020 - Reported Motor Vehicle Crashes by Municipality

Municipality	Crashes											Persons	
	Total	Fatal	Injury	Property Damage	Inter-state	US Route	State Route	Local Street	Alcohol-Involved	Drug-Involved	Deer-Involved	Fatalities	Injuries
Belding	44	0	4	40	0	0	19	25	3	1	5	0	4
Berlin Twp.	117	0	17	100	50	0	3	64	7	2	39	0	26
Boston Twp.	141	2	28	111	48	0	33	60	5	2	44	2	32
Campbell Twp.	32	0	3	29	0	0	11	21	3	0	18	0	3
Clarksville	1	0	0	1	0	0	0	1	0	0	0	0	0
Danby Twp.	50	1	12	37	25	0	0	25	2	2	15	1	12
Easton Twp.	89	2	9	78	0	0	40	49	7	1	44	2	9
Hubbardston	6	0	2	4	0	0	0	6	1	1	0	0	2
Ionia	143	0	26	117	0	0	96	47	5	2	14	0	29
Ionia Twp.	139	0	17	122	0	0	76	63	3	1	50	0	32
Keene Twp.	22	1	2	19	0	0	0	22	1	2	13	1	4
Lake Odessa	19	0	4	15	0	0	9	10	1	0	1	0	6
Lyons	2	0	1	1	0	0	0	2	0	0	0	0	1
Lyons Twp.	41	0	5	36	0	0	11	30	3	0	29	0	5
Muir	2	0	0	2	0	0	1	1	1	0	1	0	0
North Plains Twp.	34	0	4	30	0	0	0	34	3	1	23	0	4
Odessa Twp.	43	1	4	38	0	0	6	37	4	1	11	1	8
Orange Twp.	165	2	28	135	73	0	51	41	4	0	46	4	36
Orleans Twp.	62	0	6	56	0	0	30	32	2	1	35	0	9
Otisco Twp.	81	0	7	74	0	0	39	42	3	3	42	0	8
Pewamo	5	0	2	3	0	0	3	2	0	0	1	0	3
Portland	44	1	8	35	10	0	0	34	3	1	2	1	13
Portland Twp.	118	0	14	104	50	0	0	68	5	1	55	0	17
Ronald Twp.	67	1	9	57	0	0	25	42	0	1	36	1	10
Saranac	3	0	1	2	0	0	0	3	0	0	0	0	2
Sebewa Twp.	38	0	3	35	0	0	13	25	0	1	26	0	5
Unknown Community	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1,508	11	216	1,281	256	0	466	786	66	24	550	13	280

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

Driver Age	2016		2017		2018		2019		2020	
	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	4	0	4	0	3	0	3	0	6	0
16 - 20	315	2	323	7	273	3	321	2	236	6
21 - 24	264	8	260	12	234	6	303	12	220	15
25 - 64	1,446	32	1,537	55	1,566	49	1,738	52	1,301	43
65 +	191	2	225	1	237	1	232	0	176	2
Unknown	100	0	133	0	103	0	130	0	112	0
Total	2,320	44	2,482	75	2,416	59	2,727	66	2,051	66



2020 - Bodily Alcohol Concentration (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 - 20	6	7	4	6	0	2	0	2	2
21 - 24	15	19	14	15	0	2	5	5	3
25 - 64	54	49	30	43	0	6	6	10	21
65 +	2	1	1	2	0	0	0	1	1
Unknown	5	0	0	0	0	0	0	0	0
Total	82	77	49	66	0	10	11	18	27

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.

Alcohol-Involved Crashes

In 2020, there were 82 drivers in alcohol-involved crashes; 66 (80.5%) of those drivers were coded as had-been-drinking by the officer on the crash form.

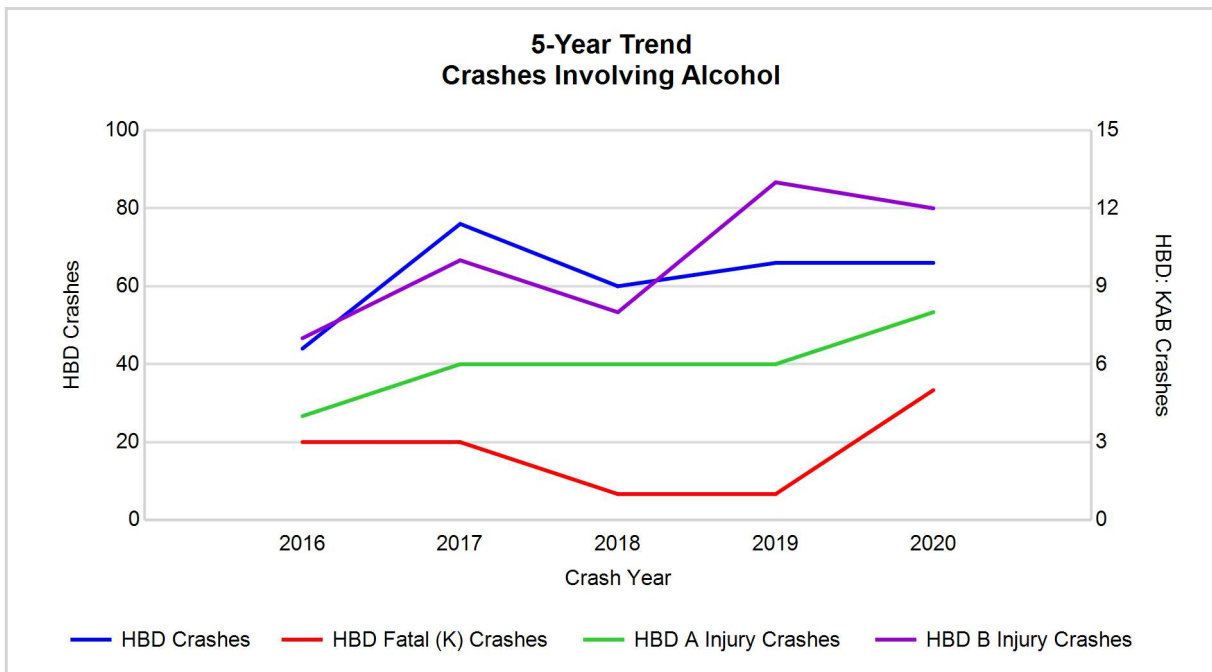
- 29 (43.9%) of the 66 drivers had a blood alcohol concentration (BAC) of 0.08 g/dL (grams per deciliter) or greater, and 18 (62.1%) of the 29 drivers had a BAC at or above 0.17 g/dL.
- 49 (74.2%) of the 66 drivers were coded as had-been-drinking and were tested for alcohol consumption.

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
2016	1,663	44	2.6	7	3	42.9	43	4	9.3	86	7	8.1
2017	1,749	76	4.3	10	3	30.0	40	6	15.0	93	10	10.8
2018	1,736	60	3.5	5	1	20.0	32	6	18.8	92	8	8.7
2019	1,963	66	3.4	4	1	25.0	31	6	19.4	68	13	19.1
2020	1,508	66	4.4	11	5	45.5	30	8	26.7	83	12	14.5

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



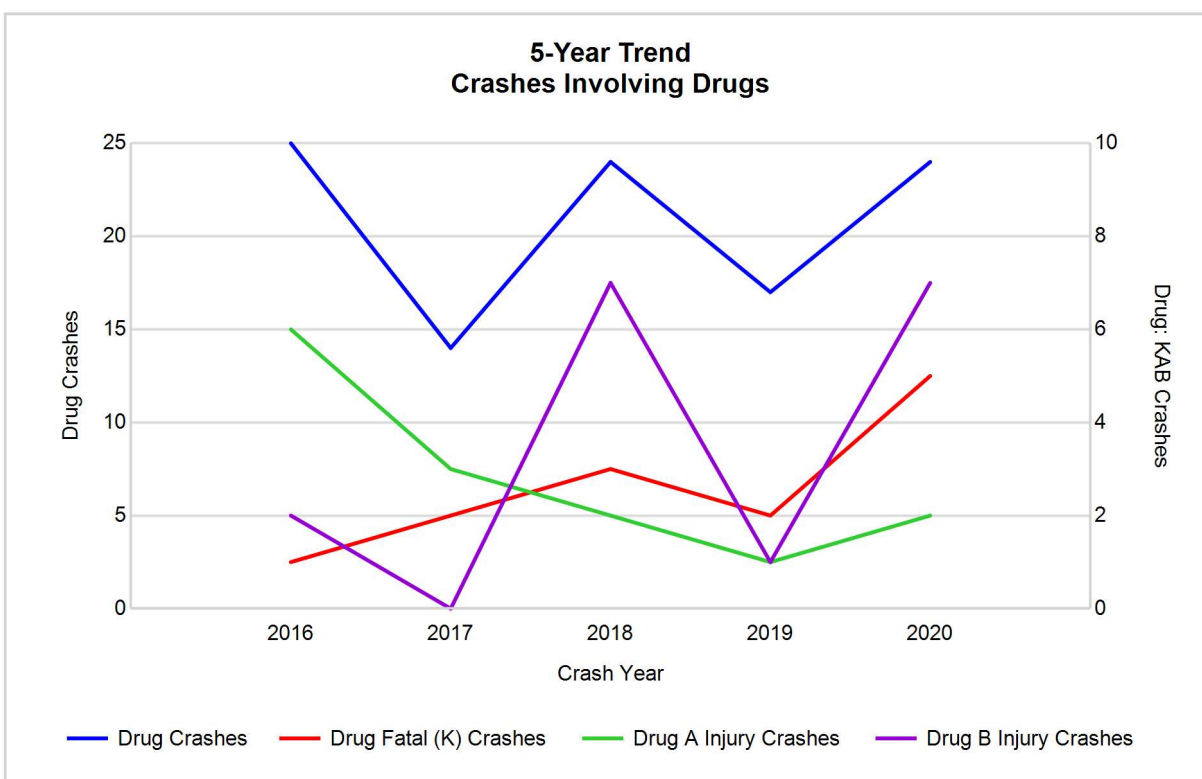
Note: Had-Been-Drinking (HBD)

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
2016	1,663	25	1.5	7	1	14.3	43	6	14.0	86	2	2.3
2017	1,749	14	0.8	10	2	20.0	40	3	7.5	93	0	0.0
2018	1,736	24	1.4	5	3	60.0	32	2	6.3	92	7	7.6
2019	1,963	17	0.9	4	2	50.0	31	1	3.2	68	1	1.5
2020	1,508	24	1.6	11	5	45.5	30	2	6.7	83	7	8.4

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

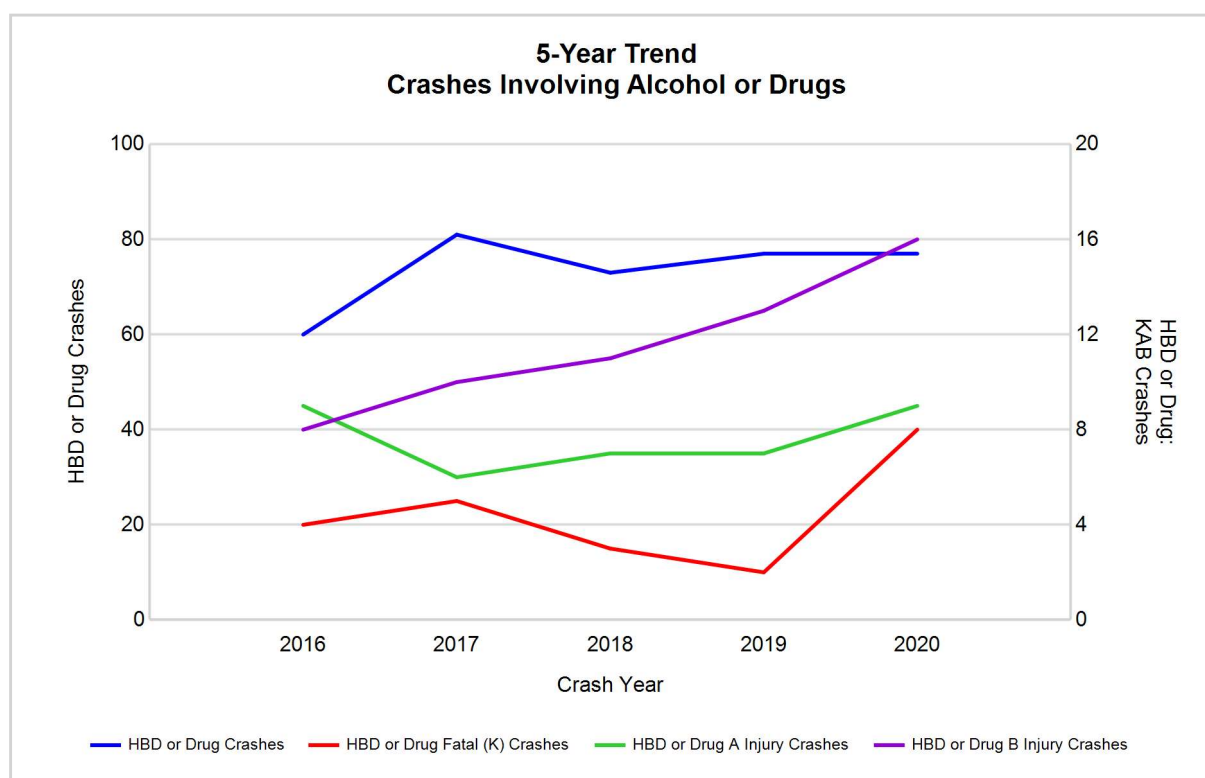


5-Year Trend - Crashes Involving Alcohol or Drugs

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
2016	1,663	60	3.6	7	4	57.1	43	9	20.9	86	8	9.3
2017	1,749	81	4.6	10	5	50.0	40	6	15.0	93	10	10.8
2018	1,736	73	4.2	5	3	60.0	32	7	21.9	92	11	12.0
2019	1,963	77	3.9	4	2	50.0	31	7	22.6	68	13	19.1
2020	1,508	77	5.1	11	8	72.7	30	9	30.0	83	16	19.3

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)

2020 - 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	1,586	1,447	91.2	11	7	63.6	26	19	73.1	74	60	81.1	113	108	95.6	1,306	1,253	95.9
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	381	328	86.1	1	0	0.0	10	7	70.0	10	6	60.0	13	11	84.6	324	304	93.8
Small truck under 10,000 lbs. GVWR	12	11	91.7	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	12	11	91.7
Motorcycle	21	12	57.1	1	0	0.0	2	1	50.0	7	4	57.1	4	2	50.0	6	5	83.3
Moped / goped	3	1	33.3	0	0	0.0	0	0	0.0	1	0	0.0	2	1	50.0	0	0	0.0
Go-cart / golf cart	2	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	1	0	0.0	1	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	8	0	0.0	0	0	0.0	5	0	0.0	2	0	0.0	1	0	0.0	0	0	0.0
Other	7	3	42.9	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	5	3	60.0
Truck/bus over 10,000 lbs.	70	63	90.0	0	0	0.0	1	1	100.0	0	0	0.0	3	2	66.7	65	60	92.3
Unknown	38	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0
Total	2,131	1,868	87.7	13	7	0.0	44	28	63.6	94	70	74.5	137	124	90.5	1,722	1,639	95.2

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.

2020 - 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	24	20	83.3	1	0	0.0	4	2	50.0	5	5	100.0	8	8	100.0	6	5	83.3
16 - 20	255	236	92.5	0	0	0.0	9	4	44.4	15	14	93.3	33	30	90.9	197	188	95.4
21 - 24	229	209	91.3	2	1	50.0	7	4	57.1	18	12	66.7	6	6	100.0	194	186	95.9
25 - 64	1,330	1,230	92.5	8	4	50.0	22	16	72.7	51	34	66.7	75	66	88.0	1,169	1,110	95.0
65 +	181	173	95.6	2	2	100.0	2	2	100.0	5	5	100.0	15	14	93.3	156	150	96.2
Unknown	112	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0
Total	2,131	1,868	87.7	13	7	0.0	44	28	63.6	94	70	74.5	137	124	90.5	1,722	1,639	95.2

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

Restraint Use	2016			2017			2018			2019			2020		
	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	11	1	3	3	0	0	5	0	0	10	1	1	4	0	2
Shoulder belt only used	7	0	1	5	0	0	8	0	2	7	0	2	12	0	1
Lap belt only used	10	0	3	6	0	1	9	0	2	9	0	0	5	0	0
Both lap & shoulder belts used	2,066	2	226	2,200	5	242	2,162	3	234	2,415	1	238	1,776	5	153
No belts used	13	1	7	16	0	7	15	0	12	13	1	8	19	3	12
Child restraint used	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
Restraint failure	0	0	0	0	0	0	0	0	0	2	0	1	0	0	0
Restraint use unknown	158	0	5	223	0	13	194	0	13	251	1	6	209	0	12
Helmet worn	14	0	11	11	0	9	8	0	8	11	0	6	12	0	7
Helmet not worn	8	2	4	10	3	5	8	0	6	5	0	5	13	1	12
Helmet use unknown	0	0	0	1	0	1	0	0	0	2	0	1	1	0	0
Uncoded & errors	33	0	0	7	0	0	7	0	0	2	0	0	0	0	0
Total	2,320	6	260	2,482	8	278	2,416	3	277	2,727	4	268	2,051	9	199

5-Year Trend - Restraint Use Among Drivers Coded Drinking

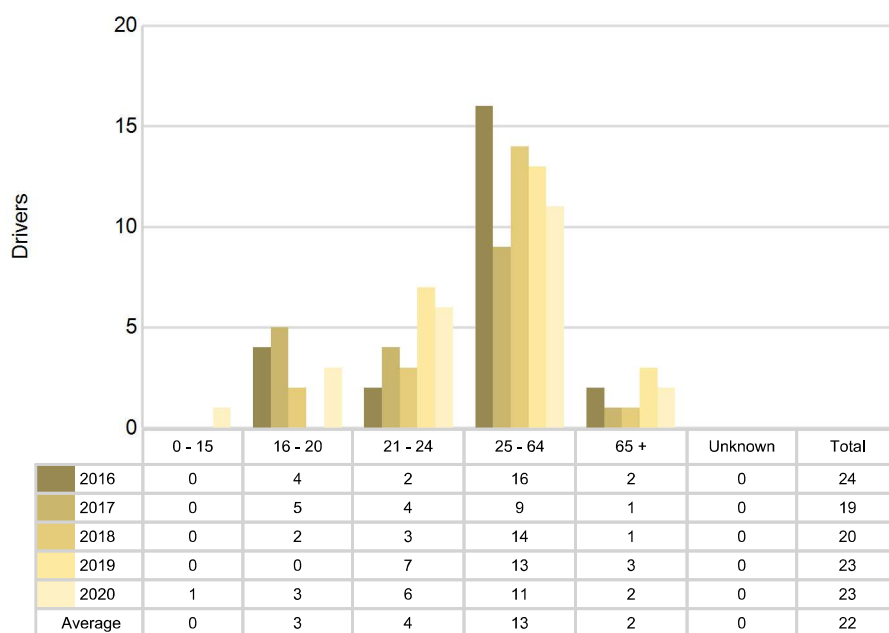
Restraint Use	2016			2017			2018			2019			2020		
	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers
No belts available	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0
Shoulder belt only used	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lap belt only used	1	0	1	0	0	0	1	0	0	0	0	0	0	0	0
Both lap & shoulder belts used	33	0	6	45	0	8	39	0	11	46	0	11	43	1	16
No belts used	2	0	1	5	0	2	3	0	2	4	1	3	6	1	5
Child restraint used	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
Restraint failure	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Restraint use unknown	4	0	2	22	0	8	13	0	7	11	0	2	16	0	4
Helmet worn	0	0	0	0	0	0	1	0	1	1	0	1	0	0	0
Helmet not worn	3	2	1	2	2	0	1	0	1	4	0	4	1	0	1
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	1	0	0	0	0	0	0	0	0
Total	44	3	11	75	2	18	59	0	22	66	1	21	66	2	26

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

Age Group	2016			2017			2018			2019			2020		
	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	0	0	0	1	0	0
16 - 20	4	0	3	5	0	3	2	0	2	0	0	0	3	0	1
21 - 24	2	0	0	4	0	1	3	0	3	7	0	3	6	1	5
25 - 64	16	1	7	9	0	3	14	0	7	13	2	4	11	2	7
65 +	2	1	0	1	0	0	1	0	0	3	0	2	2	0	1
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	24	2	10	19	0	7	20	0	12	23	2	9	23	3	14

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

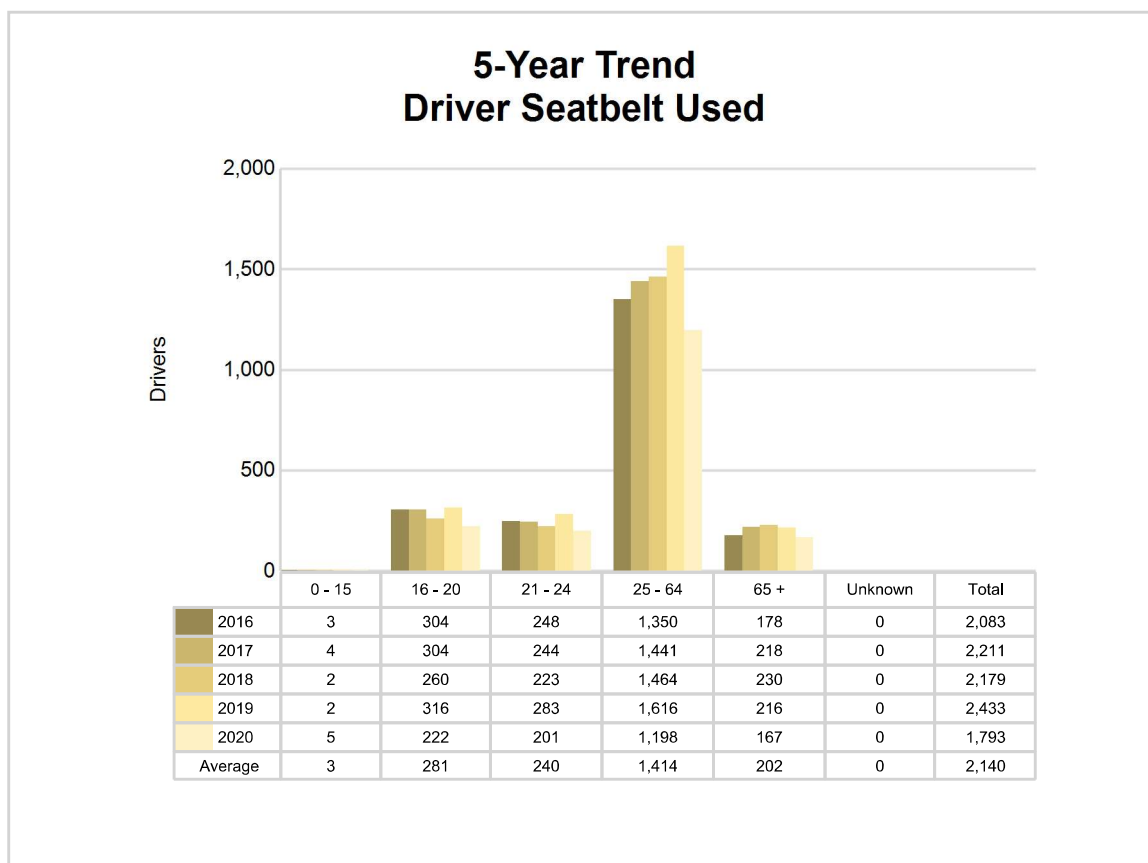
5-Year Trend Driver Seatbelt Not Used



5-Year Trend - Seatbelt Used Among Drivers by Age

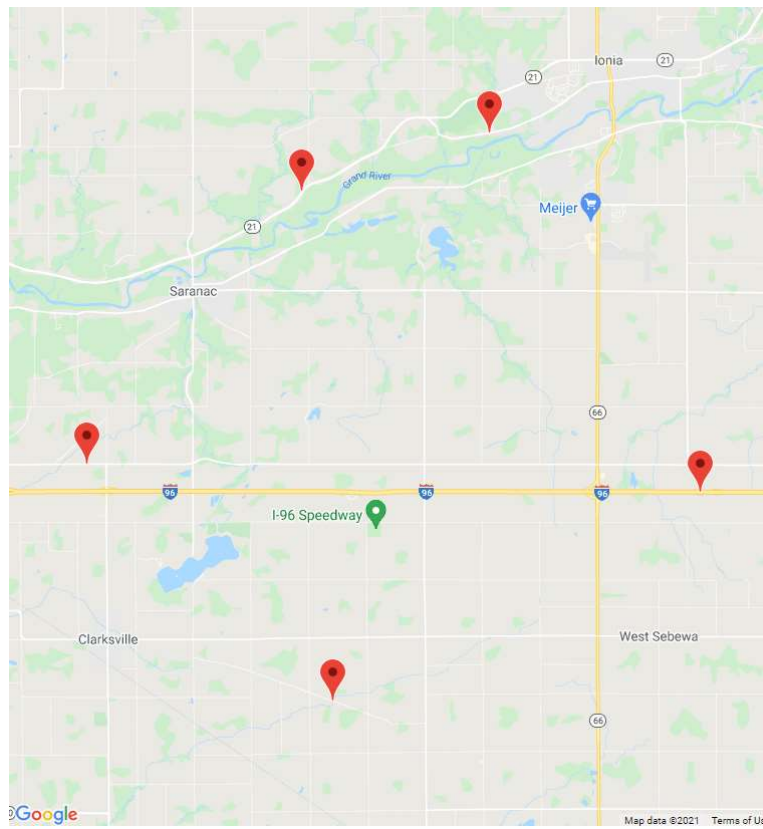
Age Group	2016			2017			2018			2019			2020		
	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers
0 - 15	3	0	1	4	0	2	2	0	0	2	0	0	5	0	0
16 - 20	304	0	40	304	1	44	260	1	28	316	0	37	222	0	34
21 - 24	248	0	35	244	0	21	223	1	24	283	0	26	201	0	15
25 - 64	1,350	2	129	1,441	3	146	1,464	1	155	1,616	0	149	1,198	3	90
65 +	178	0	25	218	1	30	230	0	31	216	1	29	167	2	15
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	2,083	2	230	2,211	5	243	2,179	3	238	2,433	1	241	1,793	5	154

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

Hazardous Action	2016		2017		2018		2019		2020	
	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	1,211	4	1,270	7	1,301	4	1,451	2	1,136	9
Speed too fast	364	2	375	2	348	1	415	1	230	3
Speed too slow	1	0	2	0	3	0	3	0	4	0
Failed to yield	158	0	138	1	170	0	177	0	124	1
Disregard traffic control	18	2	19	0	12	1	15	0	19	1
Drove wrong way	1	0	1	0	2	0	1	0	1	0
Drove left of center	19	0	11	1	11	0	18	0	16	2
Improper passing	8	0	13	0	13	0	12	0	6	0
Improper lane use	25	0	50	0	33	0	41	0	29	0
Improper turn	17	0	16	0	15	0	23	0	15	0
Improper/no signal	1	0	1	0	2	0	1	0	1	0
Improper backing	38	0	34	0	24	0	31	0	26	0
Unable to stop in assured clear distance	226	0	283	1	219	0	262	0	178	0
Other	67	1	66	0	90	0	91	0	104	2
Unknown	59	2	70	1	68	1	79	2	63	1
Reckless driving	11	0	27	2	16	0	9	1	23	0
Careless/negligent driving	87	0	93	1	82	1	96	2	76	1
Uncoded & errors	9	0	13	0	7	0	2	0	0	0
Total	2,320	11	2,482	16	2,416	8	2,727	8	2,051	20



The picture above represents all 2020 alcohol-involved fatal crashes in Ionia County.

In 2020, there were 66 alcohol-involved crashes in Ionia County:

- 5 K - Fatal Crashes
- 8 A - Suspected Serious Injury Crashes
- 12 B - Suspected Minor Injury Crashes
- 6 C - Possible Injury Crashes
- 35 O - Property Damage Only/No Injury Crashes

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