



2017

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)



Ingham County

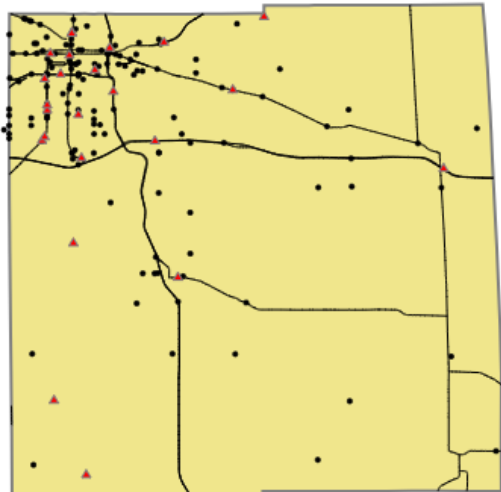
2017 Traffic Crash Data & 2013-2017 5-Year Trends



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.

This page left intentionally blank



Crashes by most severe injury (mapped/actual)

▲ K - Fatal (24/24)

● A - Suspected Serious (146/146)

Ingham County

In 2017:

There were 16,868 drivers involved in 9,435 motor vehicle crashes in Ingham County. Of those crashes, 24 were classified as fatal, resulting in 26 fatalities. An additional 2,511 persons were injured.

Ingham County experienced the highest number of motor vehicle crashes (1,032) in October, the highest number of fatal crashes (4) in June and September, and the highest number of persons killed (4) in January, June, and September.

Michigan driver statistics indicate 7.0 percent of licensed drivers in Ingham County were age 16-20, and 12.2 percent of drivers in crashes were also in that age group.

2017 - Crashes and Injuries by Month

Month	Crashes				Persons	
	Total	Fatal	Injury	Property Damage Only (PDO)	Fatalities	Injuries
January	831	3	132	696	4	168
February	612	1	108	503	1	140
March	796	0	158	638	0	198
April	679	3	135	541	3	176
May	753	2	170	581	2	236
June	714	4	163	547	4	227
July	657	2	153	502	2	193
August	672	2	170	500	2	242
September	790	4	191	595	4	258
October	1,032	1	197	834	2	263
November	926	1	165	760	1	216
December	973	1	150	822	1	194
Total	9,435	24	1,892	7,519	26	2,511

2017 - Driver Statistics

Age Group	Ingham County			Driver Rates	
	2017 Population	Licensed Drivers	Drivers in Crashes	Per 10k Population	Per 10k Licensed
0 - 15	50,998	1,043	30	5.9	287.6
16 - 20	32,779	13,376	2,060	628.5	1,540.1
21 - 24	30,843	16,569	2,102	681.5	1,268.6
25 - 64	137,558	125,565	9,713	706.1	773.5
65 +	38,008	33,589	1,499	394.4	446.3
Unknown	0	0	1,464	- -	- -
Total	290,186	190,142	16,868	581.3	887.1

2017 - 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	14,484	85.9	23	65.7	3,035	11,426
Motor home	36	0.2	0	0.0	5	31
Pickup truck	1,276	7.6	3	8.6	237	1,036
Small truck under 10,000 lbs. GVWR	104	0.6	0	0.0	12	92
Motorcycle	77	0.5	9	25.7	48	20
Moped / goped	53	0.3	0	0.0	44	9
Go-cart / golf cart	1	0.0	0	0.0	0	1
Snowmobile	0	0.0	0	0.0	0	0
Off-Road Vehicle - ORV / All-Terrain Vehicle - ATV	1	0.0	0	0.0	1	0
Other	89	0.5	0	0.0	13	76
Truck/bus over 10,000 lbs.	299	1.8	0	0.0	44	255
Unknown	448	2.7	0	0.0	43	405
Total	16,868	100.0	35	100.0	3,482	13,351

5-Year Trend - Crashes by Month

Month	2013		2014		2015		2016		2017	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
January	817	2	1,139	0	926	0	921	0	831	3
February	754	0	882	1	888	1	907	3	612	1
March	619	0	769	0	675	2	794	0	796	0
April	666	0	618	1	571	0	688	2	679	3
May	690	1	655	0	678	1	771	3	753	2
June	631	1	606	2	671	3	740	3	714	4
July	564	2	551	2	671	1	621	3	657	2
August	620	7	583	2	688	2	691	2	672	2
September	720	2	722	5	808	1	844	5	790	4
October	867	0	943	3	962	0	967	1	1,032	1
November	858	2	932	0	974	0	999	1	926	1
December	890	0	714	2	838	2	1,004	2	973	1
Total	8,696	17	9,114	18	9,350	13	9,947	25	9,435	24

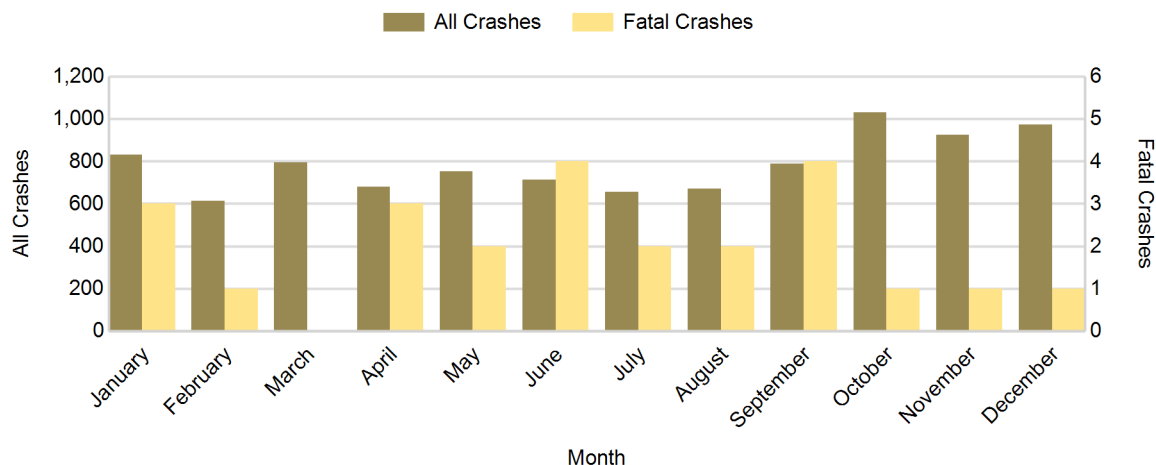
Note: † Indicates that the highest number of total crashes reported in the 5-year period occurred in the same month

5-Year Trend - Crashes by Day of Week

Day	2013		2014		2015		2016		2017	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Monday	1,239	2	1,270	1	1,396	2	1,407	4	1,385	3
Tuesday	1,366	2	1,477	3	1,468	2	1,535	3	1,544	0
Wednesday	1,400	4	1,453	1	1,423	0	1,575	2	1,444	4
Thursday	1,365	1	1,544	4	1,361	1	1,710	4	1,531	3
Friday	1,408	3	1,535	3	1,591	2	1,673	3	1,600	5
Saturday	1,084	4	976	5	1,160	5	1,128	5	1,078	6
Sunday	834	1	859	1	951	1	919	4	853	3
Total	8,696	17	9,114	18	9,350	13	9,947	25	9,435	24

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

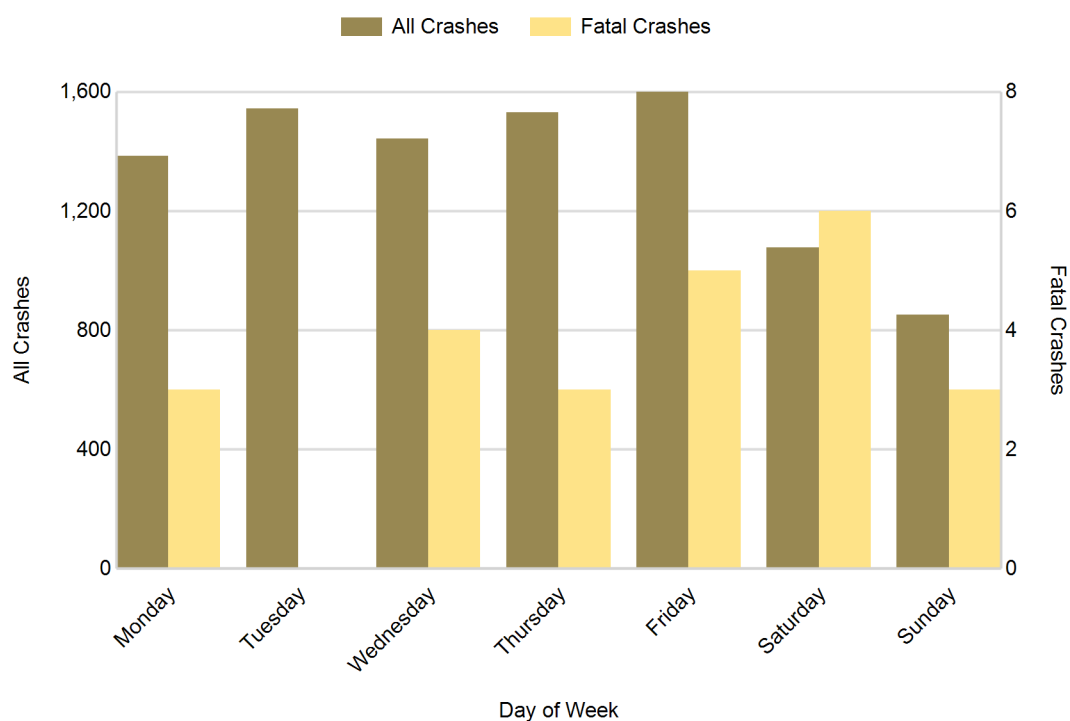
2017 Crashes by Month



2017 - 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	1,385	14.7	3	12.5	27	60	199	1,096
Tuesday	1,544	16.4	0	0.0	17	80	217	1,230
Wednesday	1,444	15.3	4	16.7	24	65	208	1,143
Thursday	1,531	16.2	3	12.5	27	75	203	1,223
Friday	1,600	17.0	5	20.8	20	95	189	1,291
Saturday	1,078	11.4	6	25.0	16	62	130	864
Sunday	853	9.0	3	12.5	15	42	121	672
Total	9,435	100.0	24	100.0	146	479	1,267	7,519

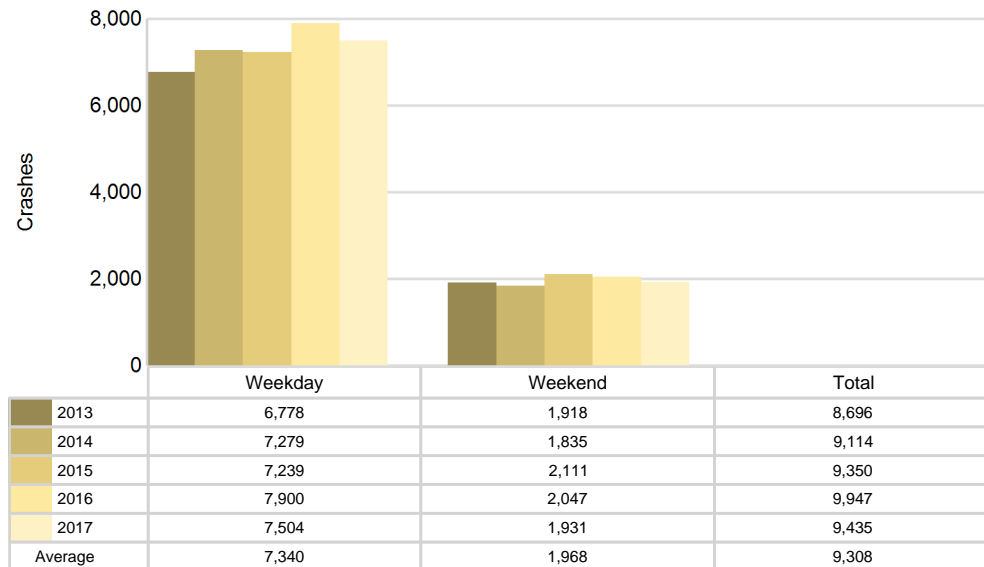
2017 Day of Week and Severity



5-Year Trend - Crashes by Weekday and Weekend

Portion of Week	2013		2014		2015		2016		2017	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Weekday	6,778	12	7,279	12	7,239	7	7,900	16	7,504	15
Weekend	1,918	5	1,835	6	2,111	6	2,047	9	1,931	9
Total	8,696	17	9,114	18	9,350	13	9,947	25	9,435	24

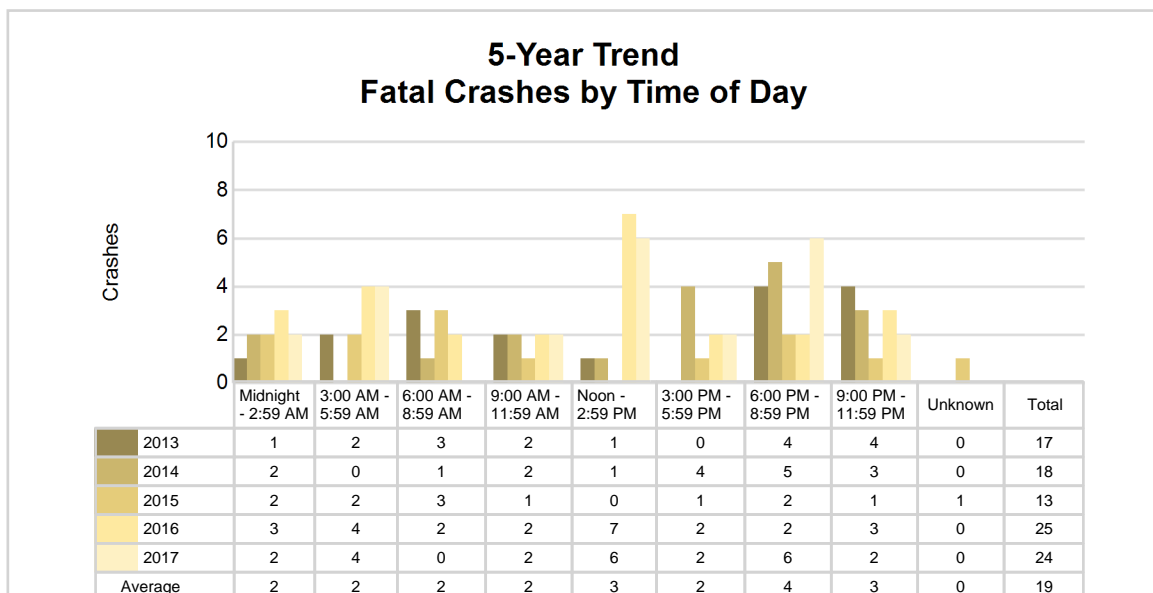
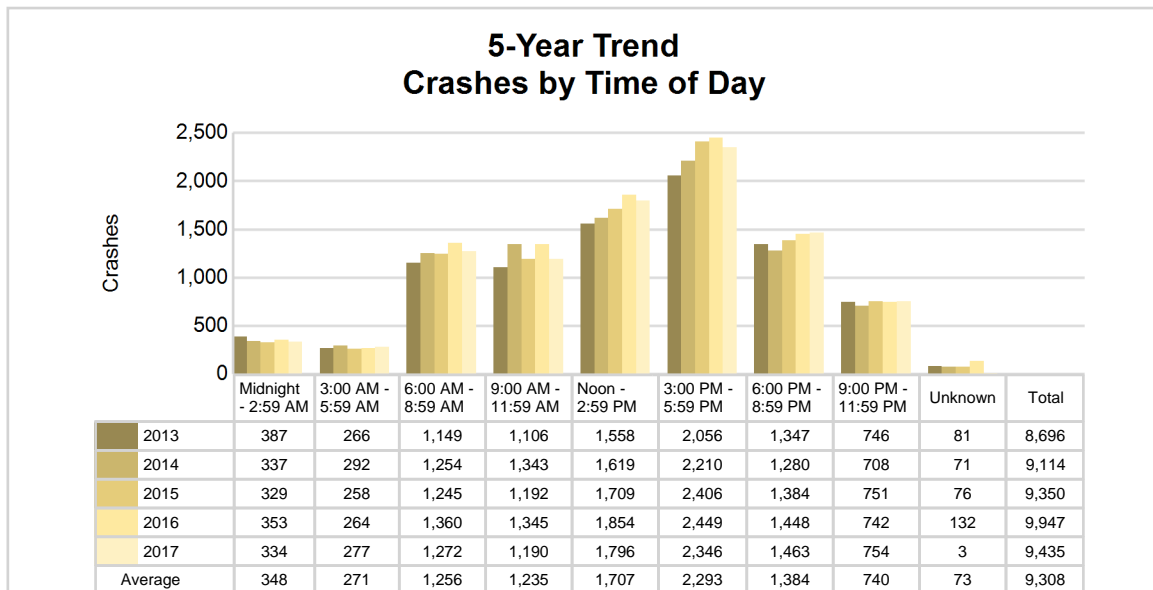
5-Year Crash Trends by Weekday (Monday - Friday) and Weekend (Saturday & Sunday)



5-Year Trend - Crashes by Time of Day

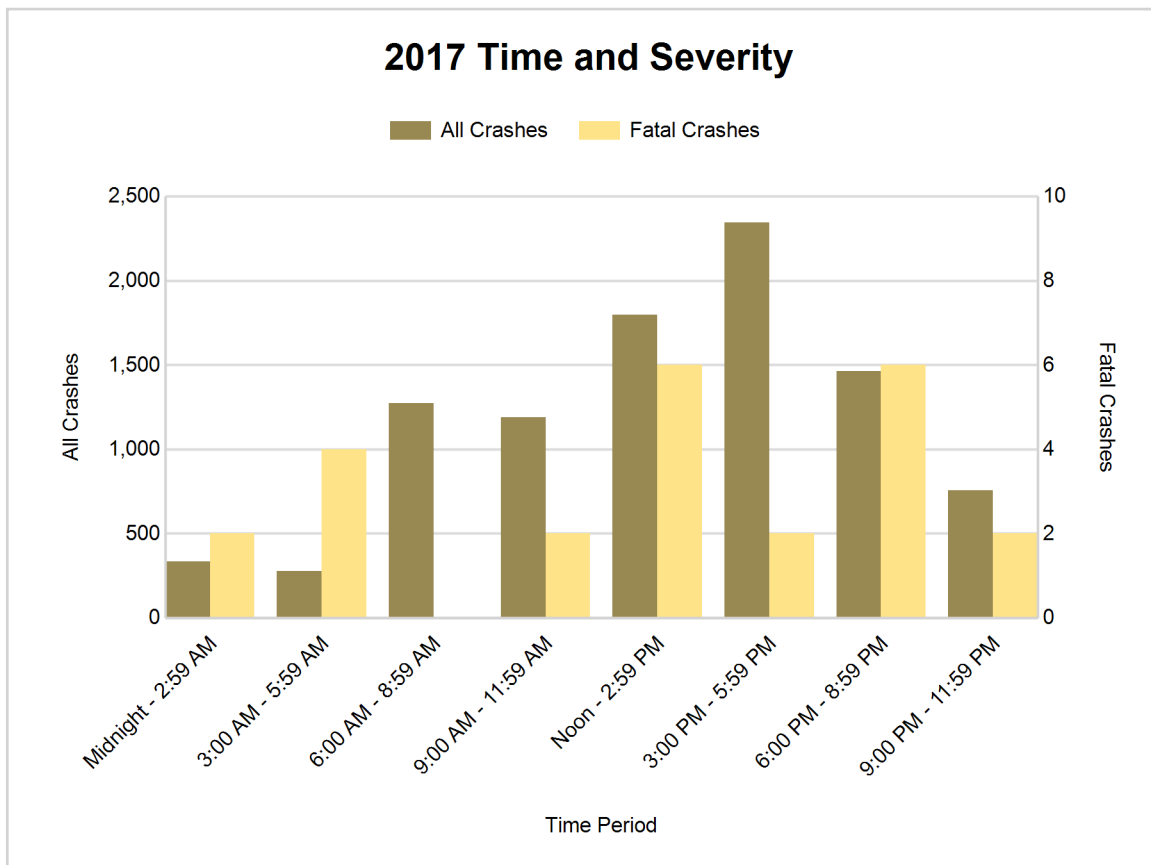
Time of Day	2013		2014		2015		2016		2017	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Midnight - 2:59 AM	387	1	337	2	329	2	353	3	334	2
3:00 AM - 5:59 AM	266	2	292	0	258	2	264	4	277	4
6:00 AM - 8:59 AM	1,149	3	1,254	1	1,245	3	1,360	2	1,272	0
9:00 AM - 11:59 AM	1,106	2	1,343	2	1,192	1	1,345	2	1,190	2
Noon - 2:59 PM	1,558	1	1,619	1	1,709	0	1,854	7	1,796	6
3:00 PM - 5:59 PM	2,056 †	0	2,210 †	4	2,406 †	1	2,449 †	2	2,346 †	2
6:00 PM - 8:59 PM	1,347	4	1,280	5	1,384	2	1,448	2	1,463	6
9:00 PM - 11:59 PM	746	4	708	3	751	1	742	3	754	2
Unknown	81	0	71	0	76	1	132	0	3	0
Total	8,696	17	9,114	18	9,350	13	9,947	25	9,435	24

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



2017 - Time and Severity

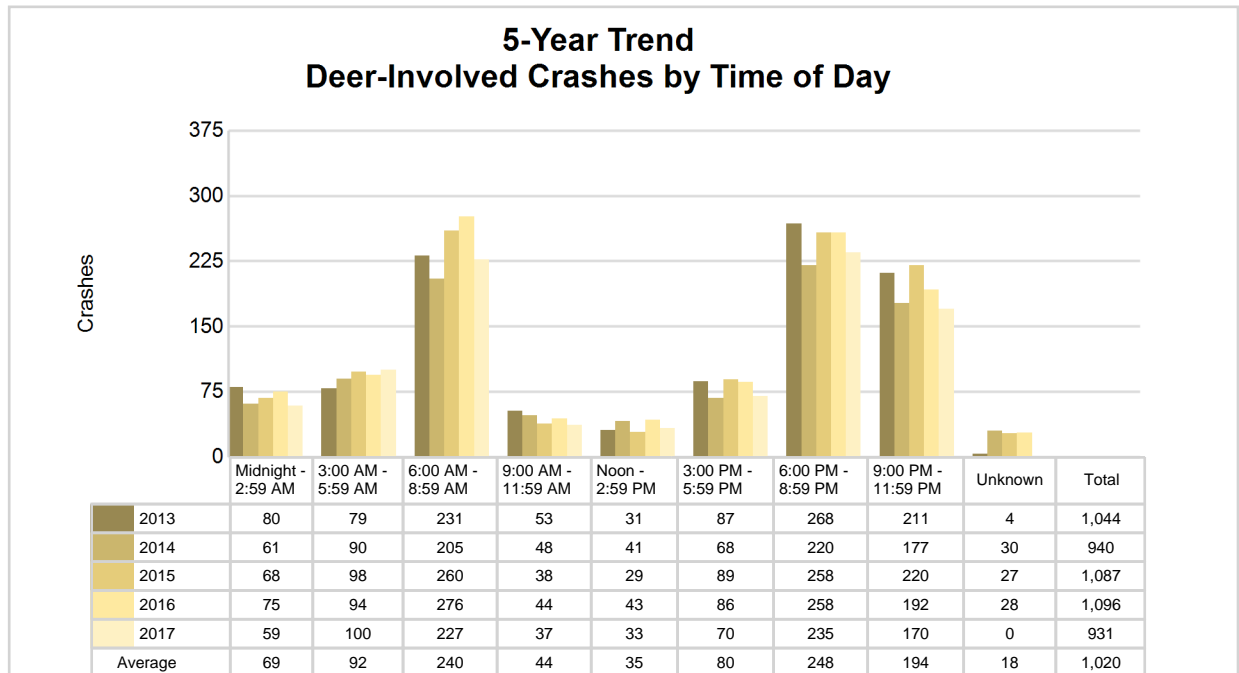
Time of Day	All Crashes		Fatal Crashes		Injury Crashes			PDO Crashes
	Number	% of Total	Number	% of Fatal	A	B	C	Number
Midnight - 2:59 AM	334	3.5	2	8.3	7	32	39	254
3:00 AM - 5:59 AM	277	2.9	4	16.7	2	10	26	235
6:00 AM - 8:59 AM	1,272	13.5	0	0.0	18	47	136	1,071
9:00 AM - 11:59 AM	1,190	12.6	2	8.3	11	72	180	925
Noon - 2:59 PM	1,796	19.0	6	25.0	28	96	297	1,369
3:00 PM - 5:59 PM	2,346	24.9	2	8.3	36	92	317	1,899
6:00 PM - 8:59 PM	1,463	15.5	6	25.0	28	81	186	1,162
9:00 PM - 11:59 PM	754	8.0	2	8.3	16	49	86	601
Unknown	3	0.0	0	0.0	0	0	0	3
Total	9,435	100.0	24	100.0	146	479	1,267	7,519



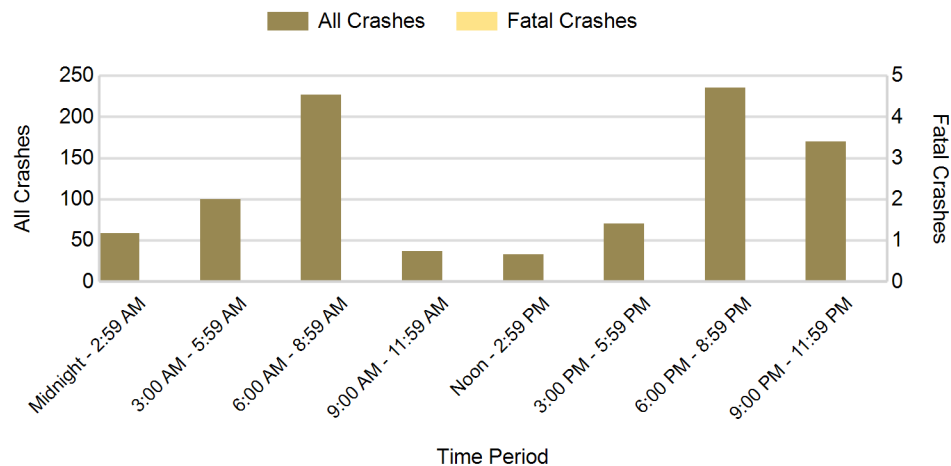
5-Year Trend - Deer-Involved Crashes by Time of Day

Time of Day	2013		2014		2015		2016		2017	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Midnight - 2:59 AM	80	0	61	0	68	0	75	0	59	0
3:00 AM - 5:59 AM	79	0	90	0	98	1	94	0	100	0
6:00 AM - 8:59 AM	231	0	205	0	260	0	276	0	227	0
9:00 AM - 11:59 AM	53	0	48	0	38	0	44	0	37	0
Noon - 2:59 PM	31	0	41	0	29	0	43	0	33	0
3:00 PM - 5:59 PM	87	0	68	0	89	0	86	0	70	0
6:00 PM - 8:59 PM	268	0	220	0	258	0	258	0	235	0
9:00 PM - 11:59 PM	211	0	177	0	220	0	192	0	170	0
Unknown	4	0	30	0	27	0	28	0	0	0
Total	1,044	0	940	0	1,087	1	1,096	0	931	0

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



2017 Time and Severity of Deer-Involved Crashes



There were no fatal deer-involved crashes in Ingham County in 2017

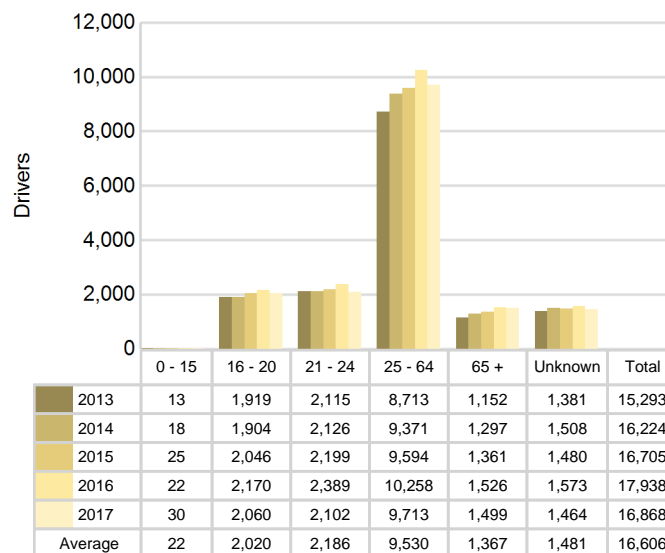
2017 - Reported Motor Vehicle Crashes by Municipality

Municipality	Crashes											Persons	
	Total	Fatal	Injury	Property Damage	Inter-state	US Route	State Route	Local Street	Alcohol-Involved	Drug-Involved	Deer-Involved	Fatalities	Injuries
Alaiedon Twp.	297	1	60	236	144	59	0	94	8	0	72	2	88
Aurelius Twp.	77	0	10	67	0	0	0	77	3	0	50	0	17
Bunker Hill Twp.	57	0	12	45	0	0	0	57	4	2	27	0	13
Dansville	2	0	1	1	0	0	1	1	0	0	0	0	2
Delhi Twp.	504	1	90	413	86	16	29	373	16	3	85	1	140
East Lansing	1,463	2	286	1,175	255	87	331	790	37	8	41	2	347
Ingham Twp.	48	0	9	39	0	0	12	35	4	0	22	0	9
Lansing	4,199	13	926	3,260	1,130	11	983	2,070	116	24	59	14	1,235
Lansing Twp.	792	1	166	625	67	201	332	192	11	3	13	1	211
Leroy Twp.	136	1	23	112	79	0	38	19	4	2	43	1	36
Leslie	12	0	2	10	0	1	0	11	0	0	2	0	3
Leslie Twp.	96	0	10	86	0	44	0	52	4	2	45	0	17
Locke Twp.	42	0	5	37	0	0	12	29	1	0	23	0	6
Mason	156	1	28	127	0	27	55	73	4	3	18	1	40
Meridian Twp.	873	2	146	725	37	0	193	643	19	7	129	2	194
Onondaga Twp.	90	2	10	78	0	0	1	89	9	1	48	2	13
Stockbridge	24	0	2	22	0	0	19	5	1	0	10	0	2
Stockbridge Twp.	58	0	7	51	0	0	26	32	2	0	35	0	9
Vevay Twp.	179	0	43	136	0	62	18	99	5	0	66	0	56
Webberville	17	0	1	16	0	0	12	5	0	0	1	0	2
Wheatfield Twp.	113	0	19	94	69	0	0	44	5	2	38	0	24
White Oak Twp.	55	0	8	47	0	0	26	29	1	1	36	0	11
Williamston	30	0	4	26	0	0	16	14	1	1	3	0	4
Williamstown Twp.	115	0	24	91	0	0	22	92	6	3	65	0	32
Unknown Community	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	9,435	24	1,892	7,519	1,867	508	2,126	4,925	261	62	931	26	2,511

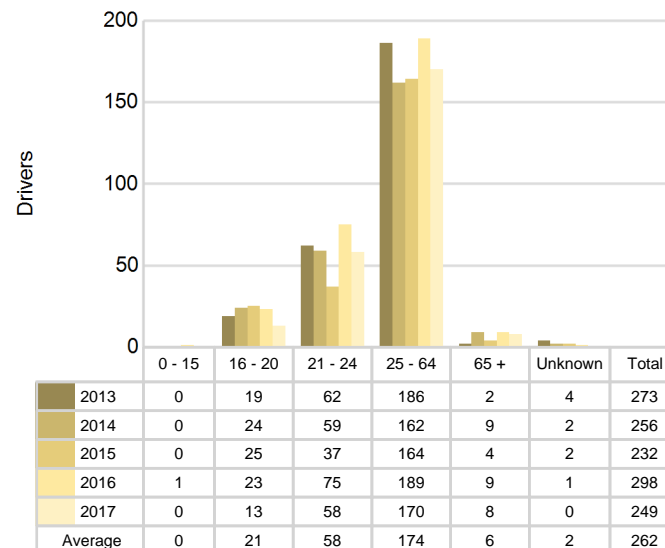
5-Year Trend - Drivers in Crashes Coded Drinking by Driver Age

Driver Age	2013		2014		2015		2016		2017	
	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	13	0	18	0	25	0	22	1	30	0
16 - 20	1,919	19	1,904	24	2,046	25	2,170	23	2,060	13
21 - 24	2,115	62	2,126	59	2,199	37	2,389	75	2,102	58
25 - 64	8,713	186	9,371	162	9,594	164	10,258	189	9,713	170
65 +	1,152	2	1,297	9	1,361	4	1,526	9	1,499	8
Unknown	1,381	4	1,508	2	1,480	2	1,573	1	1,464	0
Total	15,293	273	16,224	256	16,705	232	17,938	298	16,868	249

5-Year Trend Total Drivers in Crashes by Age



5-Year Trend Total Drivers Coded Drinking by Age



2017 - 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	0	0	0	0	0	0	0	0
16 - 20	25	19	11	13	0	1	4	1	7
21 - 24	69	62	52	58	3	9	16	8	22
25 - 64	249	191	143	170	3	18	32	31	86
65 +	17	15	8	8	0	3	0	0	5
Unknown	13	0	0	0	0	0	0	0	0
Total	373	287	214	249	6	31	52	40	120

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 2017, there were 373 drivers in alcohol-involved crashes; 249 (66.8%) of those drivers were coded as had-been-drinking by the officer on the crash form.

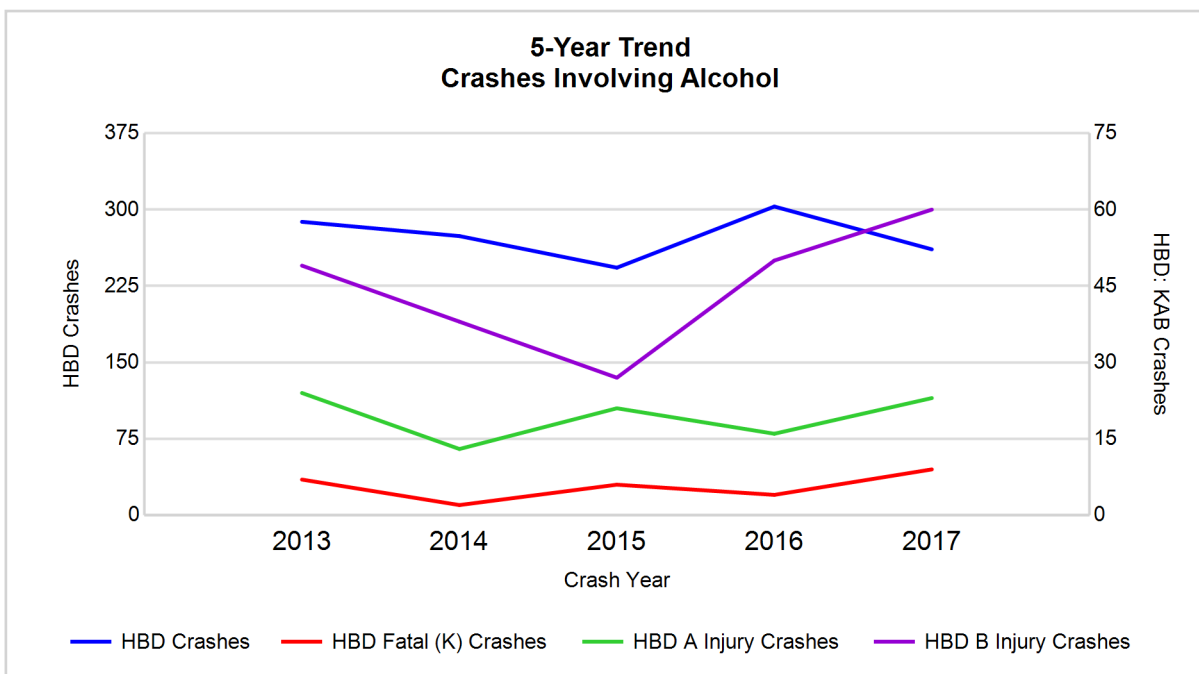
- 92 (36.9%) of the 249 drivers had a blood alcohol concentration (BAC) of 0.08 g/dL (grams per deciliter) or greater, and 40 (43.5%) of the 92 drivers had a BAC at or above 0.17 g/dL.
- 214 (85.9%) of the 249 drivers were coded as had-been-drinking and were tested for alcohol consumption.

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
2013	8,696	288	3.3	17	7	41.2	122	24	19.7	377	49	13.0
2014	9,114	274	3.0	18	2	11.1	118	13	11.0	325	38	11.7
2015	9,350	243	2.6	13	6	46.2	136	21	15.4	338	27	8.0
2016	9,947	303	3.0	25	4	16.0	137	16	11.7	418	50	12.0
2017	9,435	261	2.8	24	9**	37.5	146**	23	15.8	479**	60**	12.5

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



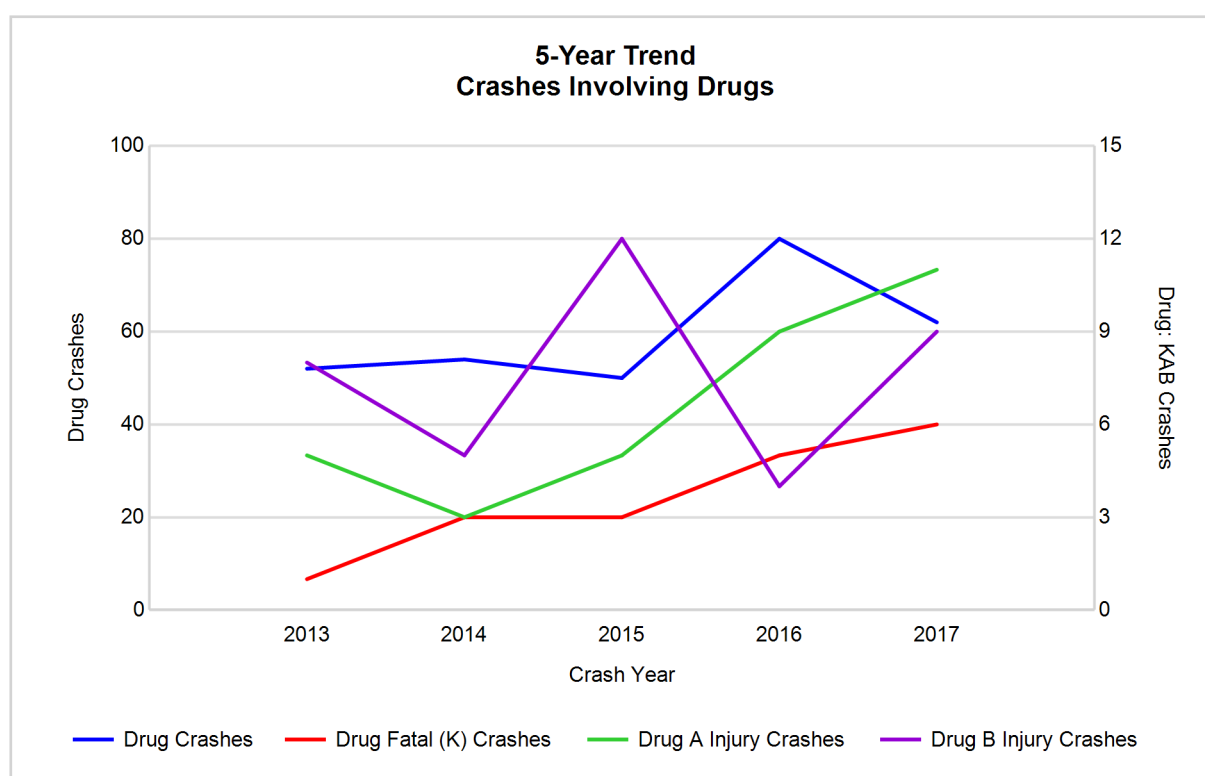
Note: Had-Been-Drinking (HBD)

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
2013	8,696	52	0.6	17	1	5.9	122	5	4.1	377	8	2.1
2014	9,114	54	0.6	18	3	16.7	118	3	2.5	325	5	1.5
2015	9,350	50	0.5	13	3	23.1	136	5	3.7	338	12	3.6
2016	9,947	80	0.8	25	5	20.0	137	9	6.6	418	4	1.0
2017	9,435	62	0.7	24	6**	25.0**	146**	11**	7.5**	479**	9	1.9

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

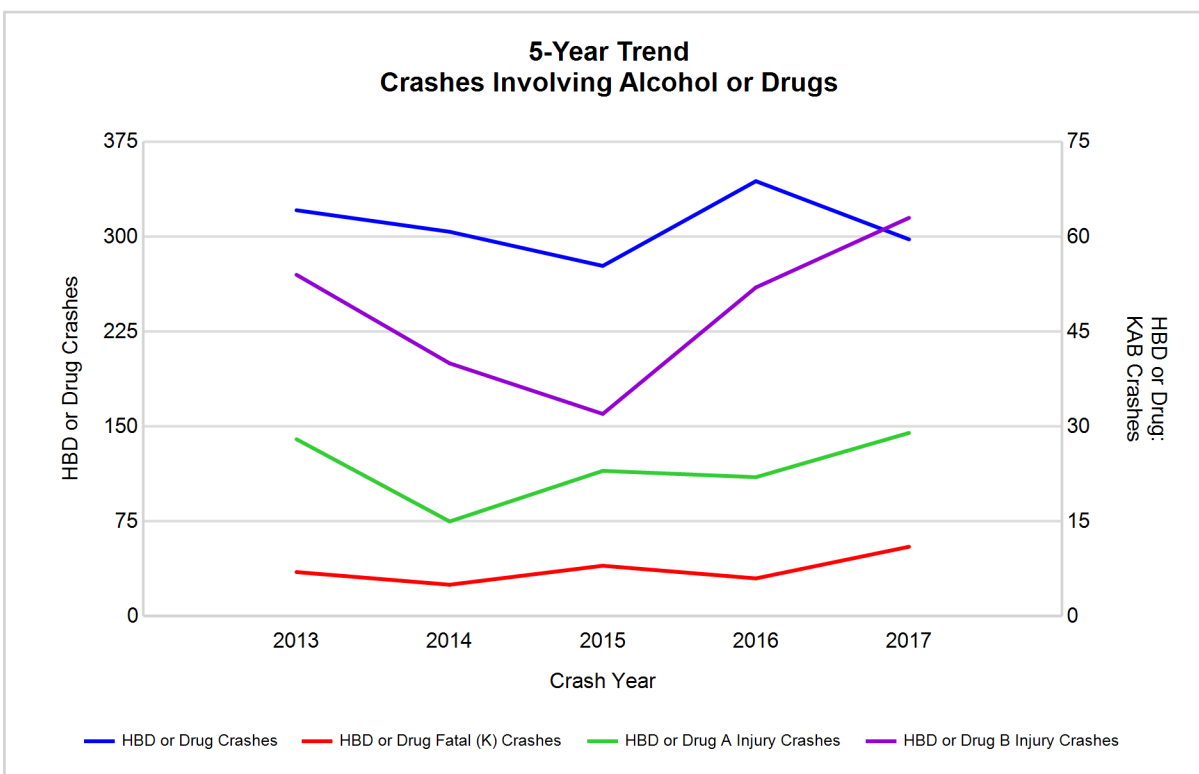


5-Year Trend - Crashes Involving Alcohol or Drugs

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
2013	8,696	321	3.7	17	7	41.2	122	28	23.0	377	54	14.3
2014	9,114	304	3.3	18	5	27.8	118	15	12.7	325	40	12.3
2015	9,350	277	3.0	13	8	61.5	136	23	16.9	338	32	9.5
2016	9,947	344	3.5	25	6	24.0	137	22	16.1	418	52	12.4
2017	9,435	298	3.2	24	11**	45.8	146**	29**	19.9	479**	63**	13.2

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



Note: Had-Been-Drinking (HBD)

2017 - 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	14,996	13,596	90.7	9	6	66.7	117	95	81.2	427	388	90.9	1,542	1,482	96.1	11,935	11,581	97.0
Motor home	37	32	86.5	0	0	0.0	0	0	0.0	0	0	0.0	2	2	100.0	30	30	100.0
Pickup truck	1,300	1,168	89.8	2	2	100.0	7	7	100.0	26	21	80.8	78	77	98.7	1,099	1,061	96.5
Small truck under 10,000 lbs. GVWR	105	86	81.9	0	0	0.0	1	1	100.0	1	1	100.0	5	5	100.0	83	79	95.2
Motorcycle	79	56	70.9	9	7	77.8	14	10	71.4	17	13	76.5	17	14	82.4	17	12	70.6
Moped / goped	58	5	8.6	0	0	0.0	7	0	0.0	20	2	10.0	19	1	5.3	11	2	18.2
Go-cart / golf cart	1	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	1	0	0.0	0	0	0.0	1	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0
Other	93	70	75.3	0	0	0.0	0	0	0.0	3	2	66.7	7	4	57.1	74	64	86.5
Truck/bus over 10,000 lbs.	304	282	92.8	0	0	0.0	1	1	100.0	2	1	50.0	12	8	66.7	282	272	96.5
Unknown	448	3	0.7	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	3	3	100.0
Total	17,422	15,298	87.8	20	15	0.0	148	114	77.0	496	428	86.3	1,682	1,593	94.7	13,534	13,104	96.8

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.

2017 - 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	173	149	86.1	1	1	100.0	7	5	71.4	20	16	80.0	119	107	89.9	26	20	76.9
16 - 20	2,148	2,026	94.3	0	0	0.0	27	18	66.7	71	53	74.6	224	200	89.3	1,812	1,749	96.5
21 - 24	2,165	2,063	95.3	4	1	25.0	21	16	76.2	84	68	81.0	174	163	93.7	1,860	1,808	97.2
25 - 64	9,919	9,554	96.3	13	11	84.6	78	61	78.2	273	245	89.7	993	959	96.6	8,514	8,255	97.0
65 +	1,551	1,503	96.9	2	2	100.0	15	14	93.3	48	46	95.8	170	164	96.5	1,303	1,270	97.5
Unknown	1,466	3	0.2	0	0	0.0	0	0	0.0	0	0	0.0	2	0	0.0	19	2	10.5
Total	17,422	15,298	87.8	20	15	0.0	148	114	77.0	496	428	86.3	1,682	1,593	94.7	13,534	13,104	96.8

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	2013			2014			2015			2016			2017		
	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	57	0	10	53	0	7	51	0	7	46	0	12	32	0	4
Shoulder belt only used	12	0	3	11	0	1	10	0	3	41	0	5	67	0	10
Lap belt only used	46	0	5	74	0	5	68	1	6	42	0	2	46	0	4
Both lap & shoulder belts used	13,467	5	1,323	14,177	6	1,332	14,628	3	1,395	15,707	7	1,670	14,625	3	1,590
No belts used	54	3	21	58	0	18	85	3	18	83	7	23	93	0	32
Child restraint used	1	0	0	0	0	0	0	0	0	5	0	1	1	0	0
Child restraint not used, unavailable or improper use	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
Restraint failure	2	0	0	2	0	0	6	0	2	6	0	0	3	0	1
Restraint use unknown	342	1	31	377	1	19	360	1	35	1,266	1	46	1,798	2	49
Helmet worn	78	1	54	65	2	46	56	0	37	48	3	40	59	7	38
Helmet not worn	30	3	19	40	3	29	49	2	37	58	3	43	55	1	44
Helmet use unknown	8	0	4	7	1	1	11	1	3	15	0	8	10	1	5
Uncoded & errors	1,196	0	0	1,359	0	3	1,380	0	1	621	0	1	79	0	1
Total	15,293	13	1,470	16,224	13	1,461	16,705	11	1,544	17,938	21	1,851	16,868	14	1,778

5-Year Trend - Restraint Use Among Drivers Coded Drinking

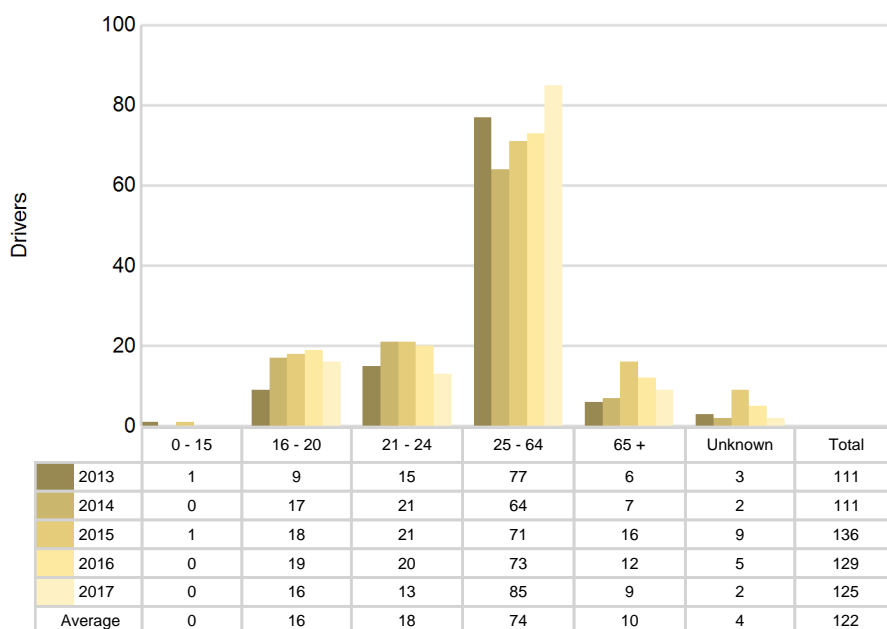
Restraint Use	2013			2014			2015			2016			2017		
	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers
No belts available	0	0	0	1	0	1	1	0	1	1	0	1	0	0	0
Shoulder belt only used	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lap belt only used	1	0	0	2	0	0	1	1	0	0	0	0	1	0	0
Both lap & shoulder belts used	212	2	67	206	2	54	168	0	51	235	1	73	185	2	63
No belts used	7	0	4	7	0	3	8	2	5	12	2	8	18	0	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	1	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	39	0	15	34	0	8	44	0	10	41	0	17	37	1	13
Helmet worn	3	0	1	1	0	1	2	0	1	0	0	0	2	1	1
Helmet not worn	8	3	5	2	0	2	7	1	5	6	1	3	5	1	4
Helmet use unknown	0	0	0	0	0	0	1	1	0	1	0	0	1	0	1
Uncoded & errors	3	0	0	2	0	0	0	0	0	2	0	0	0	0	0
Total	273	5	92	256	2	69	232	5	73	298	4	102	249	5	94

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

Age Group	2013			2014			2015			2016			2017		
	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	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0
16 - 20	9	1	1	17	0	5	18	0	5	19	0	5	16	0	5
21 - 24	15	0	7	21	0	4	21	0	3	20	1	7	13	0	4
25 - 64	77	1	23	64	0	13	71	2	16	73	3	19	85	0	24
65 +	6	1	0	7	0	3	16	1	1	12	3	4	9	0	3
Unknown	3	0	0	2	0	0	9	0	0	5	0	0	2	0	0
Total	111	3	31	111	0	25	136	3	25	129	7	35	125	0	36

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

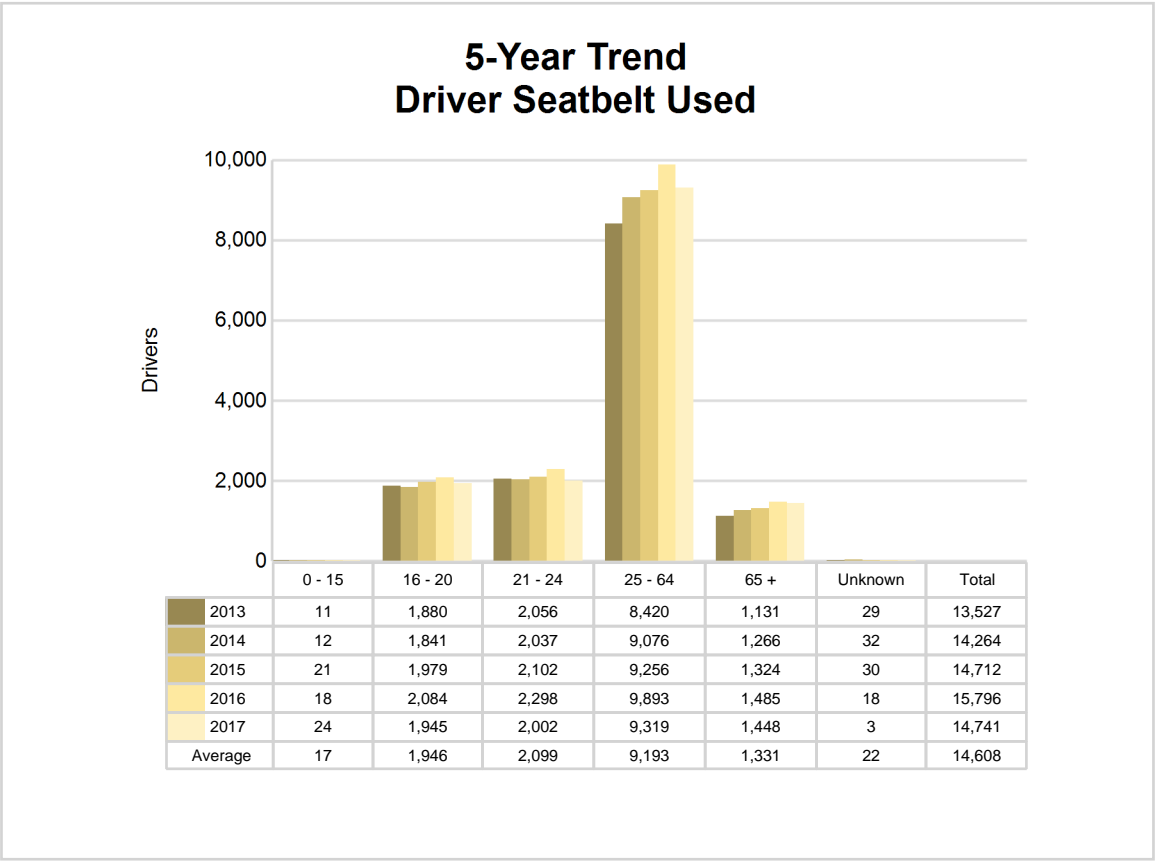
5-Year Trend Driver Seatbelt Not Used



5-Year Trend - Seatbelt Used Among Drivers by Age

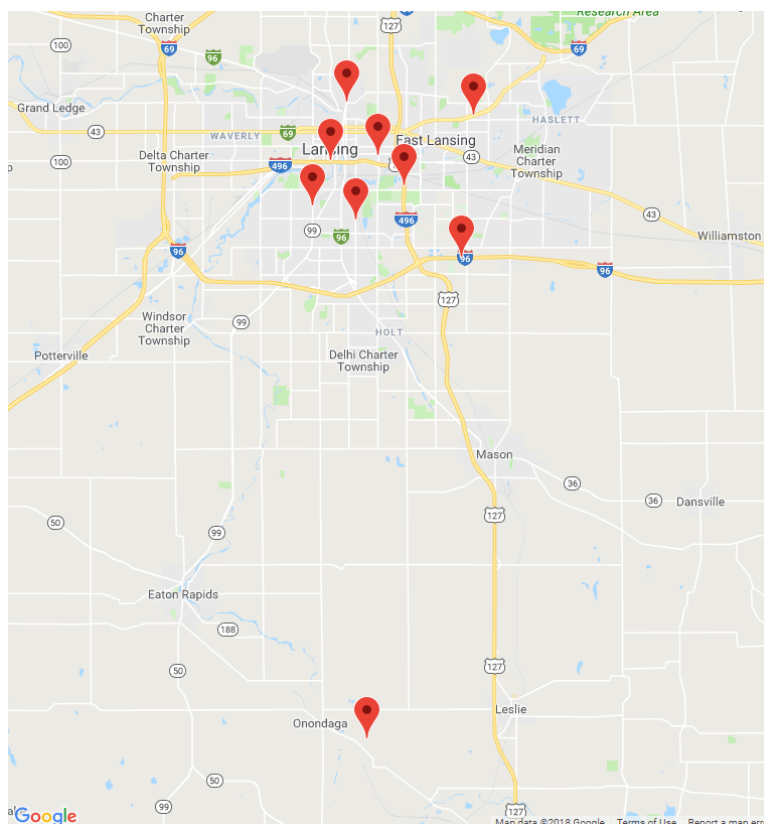
Age Group	2013			2014			2015			2016			2017		
	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers
0 - 15	11	0	0	12	0	1	21	0	3	18	0	0	24	0	4
16 - 20	1,880	0	151	1,841	1	137	1,979	1	176	2,084	1	200	1,945	0	193
21 - 24	2,056	3	171	2,037	0	196	2,102	1	183	2,298	0	208	2,002	0	188
25 - 64	8,420	1	853	9,076	4	876	9,256	1	916	9,893	3	1,090	9,319	3	1,048
65 +	1,131	1	156	1,266	1	128	1,324	1	128	1,485	3	179	1,448	0	172
Unknown	29	0	0	32	0	0	30	0	0	18	0	0	3	0	0
Total	13,527	5	1,331	14,264	6	1,338	14,712	4	1,406	15,796	7	1,677	14,741	3	1,605

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	2013		2014		2015		2016		2017	
	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	8,097	12	8,526	11	8,835	7	9,208	20	8,471	14
Speed too fast	653	3	877	3	679	1	741	6	715	6
Speed too slow	12	0	10	0	21	0	15	0	11	0
Failed to yield	1,529	2	1,582	5	1,554	1	1,753	3	1,738	4
Disregard traffic control	430	0	463	1	544	3	546	2	511	0
Drove wrong way	23	0	37	1	25	1	29	0	17	0
Drove left of center	50	0	58	0	67	1	53	0	48	0
Improper passing	60	1	80	1	78	0	92	0	78	0
Improper lane use	365	1	421	0	445	0	504	0	490	0
Improper turn	216	0	239	0	273	0	275	1	295	1
Improper/no signal	20	0	20	0	39	0	23	0	16	0
Improper backing	315	0	344	0	327	0	326	0	313	0
Unable to stop in assured clear distance	2,278	0	2,282	0	2,396	0	2,743	2	2,511	1
Other	336	2	403	1	372	1	374	1	389	1
Unknown	422	2	394	1	491	4	704	5	874	6
Reckless driving	88	3	68	2	76	0	64	1	79	0
Careless/negligent driving	291	3	308	3	326	1	318	3	273	2
Uncoded & errors	108	0	112	1	157	0	170	1	39	0
Total	15,293	29	16,224	30	16,705	20	17,938	45	16,868	35



The picture above represents all 2017 alcohol-involved fatal crashes in Ingham County.

In 2017, there were 261 alcohol-involved crashes in Ingham County:

9	K - Fatal Crashes
23	A - Suspected Serious Injury Crashes
60	B - Suspected Minor Injury Crashes
46	C - Possible Injury Crashes
123	O - Property Damage Only/No Injury Crashes

Office of Highway Safety Planning

Physical Address:
7150 Harris Drive
Dimondale, Michigan 48821

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

Phone: (517) 284-3112
Fax: (517) 284-3151

Find us on the web:
MichiganTrafficCrashFacts.org

