



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

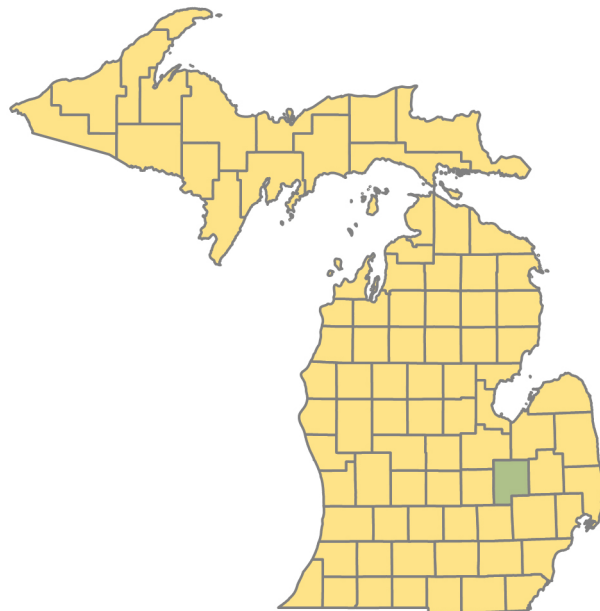
O = No Injury

Property Damage Only (PDO)



Genesee County

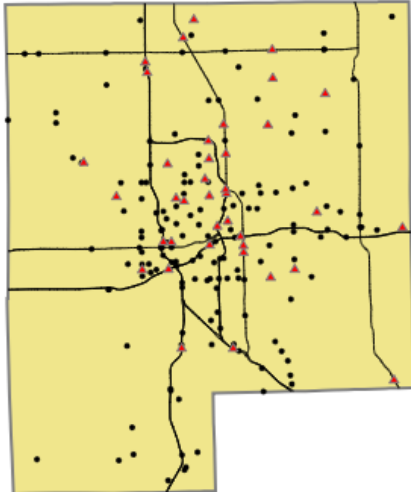
2017 Traffic Crash Data & 2013-2017 5-Year Trends



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 (38/38)

● A - Suspected Serious (155/155)

Genesee County

In 2017:

There were 18,736 drivers involved in 10,762 motor vehicle crashes in Genesee County. Of those crashes, 38 were classified as fatal, resulting in 39 fatalities. An additional 3,504 persons were injured.

Genesee County experienced the highest number of motor vehicle crashes (1,446) in December, the highest number of fatal crashes (6) and the highest number of persons killed (6) in January, June, and July.

Michigan driver statistics indicate 6.4 percent of licensed drivers in Genesee County were age 16-20, and 11.4 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	908	6	190	712	6	254
February	679	1	159	519	1	247
March	948	3	199	746	3	286
April	762	1	191	570	1	256
May	855	3	219	633	3	312
June	866	6	224	636	6	326
July	732	6	212	514	6	308
August	766	2	219	545	3	292
September	808	3	196	609	3	268
October	1,037	1	233	803	1	333
November	955	4	216	735	4	309
December	1,446	2	246	1,198	2	313
Total	10,762	38	2,504	8,220	39	3,504

2017 - Driver Statistics

Age Group	Genesee County			Driver Rates	
	2017 Population	Licensed Drivers	Drivers in Crashes	Per 10k Population	Per 10k Licensed
0 - 15	81,184	1,848	20	2.5	108.2
16 - 20	25,742	18,718	2,129	827.1	1,137.4
21 - 24	21,102	18,618	1,876	889.0	1,007.6
25 - 64	210,004	190,339	10,956	521.7	575.6
65 +	69,353	61,165	2,031	292.8	332.1
Unknown	0	0	1,724	- -	- -
Total	407,385	290,688	18,736	459.9	644.5

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	15,320	81.8	38	71.7	3,862	11,420
Motor home	23	0.1	0	0.0	5	18
Pickup truck	2,387	12.7	5	9.4	559	1,823
Small truck under 10,000 lbs. GVWR	94	0.5	0	0.0	18	76
Motorcycle	106	0.6	4	7.5	78	24
Moped / goped	8	0.0	0	0.0	5	3
Go-cart / golf cart	3	0.0	0	0.0	0	3
Snowmobile	2	0.0	0	0.0	1	1
Off-Road Vehicle - ORV / All-Terrain Vehicle - ATV	9	0.0	0	0.0	9	0
Other	71	0.4	0	0.0	19	52
Truck/bus over 10,000 lbs.	399	2.1	5	9.4	107	287
Unknown	314	1.7	1	1.9	30	283
Total	18,736	100.0	53	100.0	4,693	13,990

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	1,012	4	1,453	2	1,148	2	967	3	908	6
February	881	2	931	2	910	0	984	3	679	1
March	690	1	856	3	716	1	835	3	948	3
April	666	2	630	0	647	2	821	2	762	1
May	762	1	751	2	832	2	740	4	855	3
June	719	0	719	4	800	4	743	2	866	6
July	670	2	617	5	664	3	751	5	732	6
August	628	2	690	3	700	1	786	6	766	2
September	716	4	711	2	762	6	858	5	808	3
October	863	4	960	0	956	3	890	8	1,037	1
November	987	4	1,153	2	1,100	1	1,016	3	955	4
December	1,217	3	865	3	1,000	3	1,130	5	1,446	2
Total	9,811	29	10,336	28	10,235	28	10,521	49	10,762	38

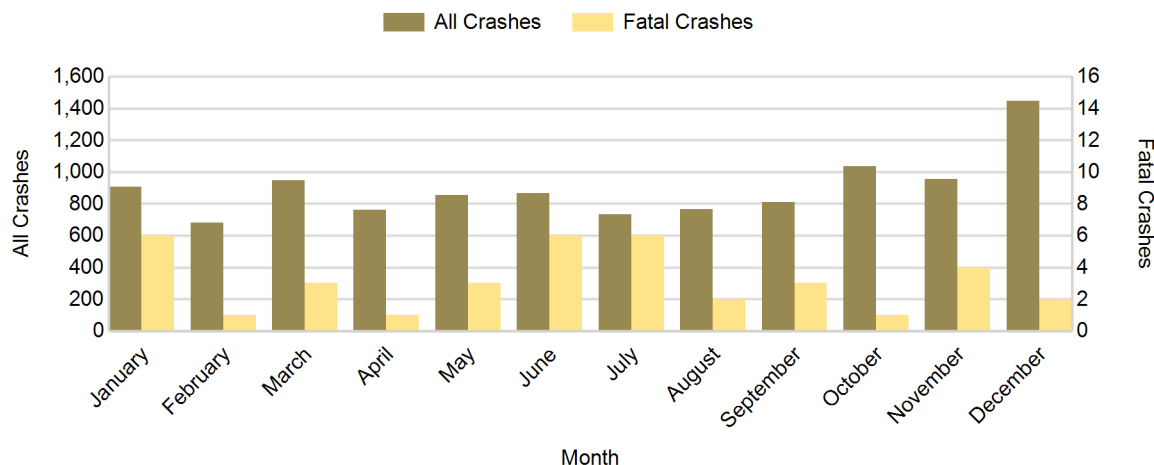
Note: † Indicates that the highest number of total crashes reported in the 5-year period occurred in the same month

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	1,457	6	1,413	1	1,428	5	1,456	4	1,478	8
Tuesday	1,417	1	1,672	4	1,580	3	1,615	6	1,612	6
Wednesday	1,496	4	1,645	2	1,564	2	1,667	5	1,562	5
Thursday	1,582	6	1,919	5	1,560	2	1,567	7	1,708	5
Friday	1,532	3	1,580	2	1,656	9	1,711	9	1,838	4
Saturday	1,300	7	1,151	9	1,406	5	1,364	11	1,461	6
Sunday	1,027	2	956	5	1,041	2	1,141	7	1,103	4
Total	9,811	29	10,336	28	10,235	28	10,521	49	10,762	38

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

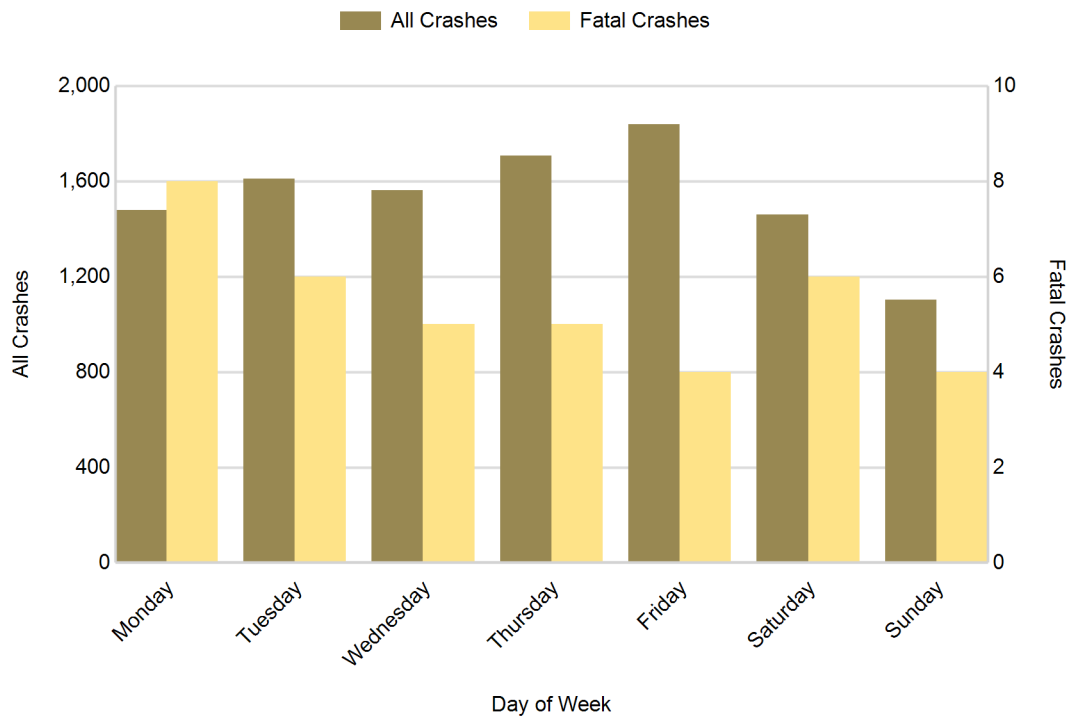
2017 Crashes by Month



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	1,478	13.7	8	21.1	17	69	254	1,130
Tuesday	1,612	15.0	6	15.8	16	80	262	1,248
Wednesday	1,562	14.5	5	13.2	28	76	250	1,203
Thursday	1,708	15.9	5	13.2	23	83	300	1,297
Friday	1,838	17.1	4	10.5	21	90	325	1,398
Saturday	1,461	13.6	6	15.8	29	83	221	1,122
Sunday	1,103	10.2	4	10.5	21	67	189	822
Total	10,762	100.0	38	100.0	155	548	1,801	8,220

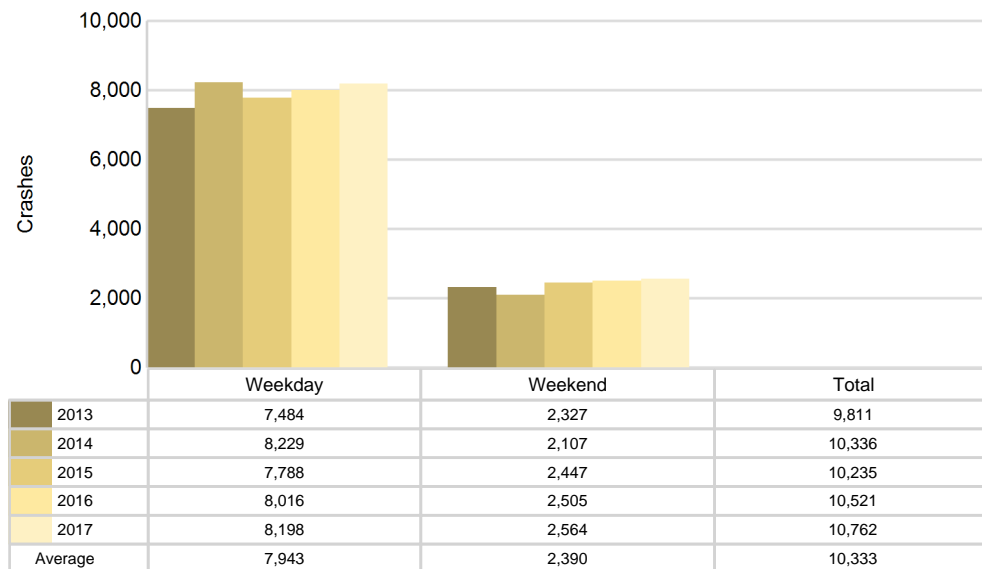
2017 Day of Week and Severity



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	7,484	20	8,229	14	7,788	21	8,016	31	8,198	28
Weekend	2,327	9	2,107	14	2,447	7	2,505	18	2,564	10
Total	9,811	29	10,336	28	10,235	28	10,521	49	10,762	38

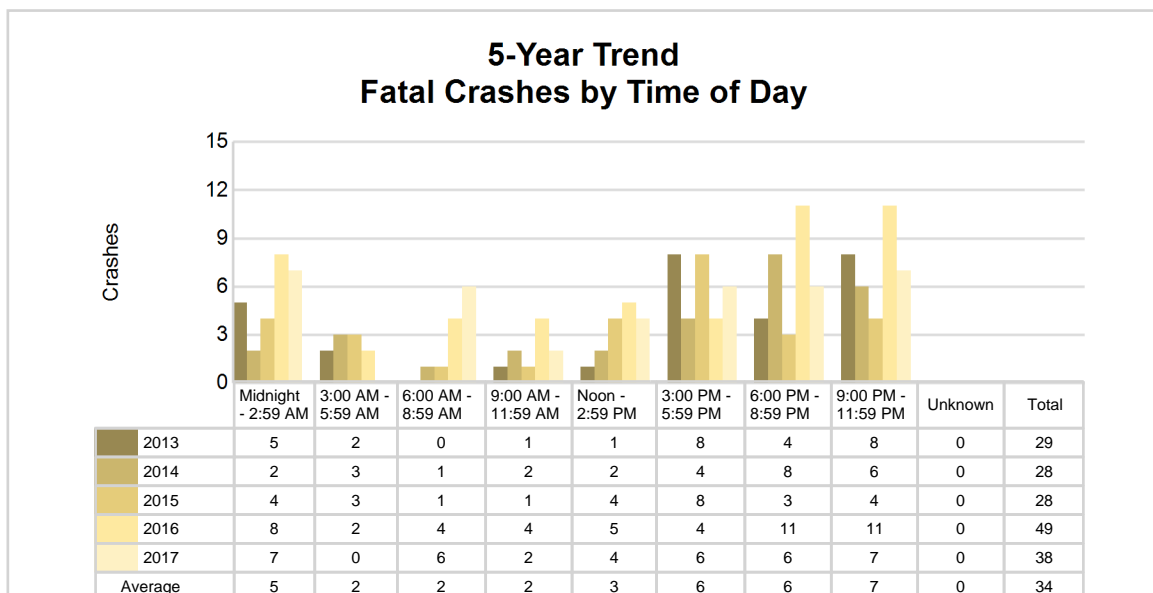
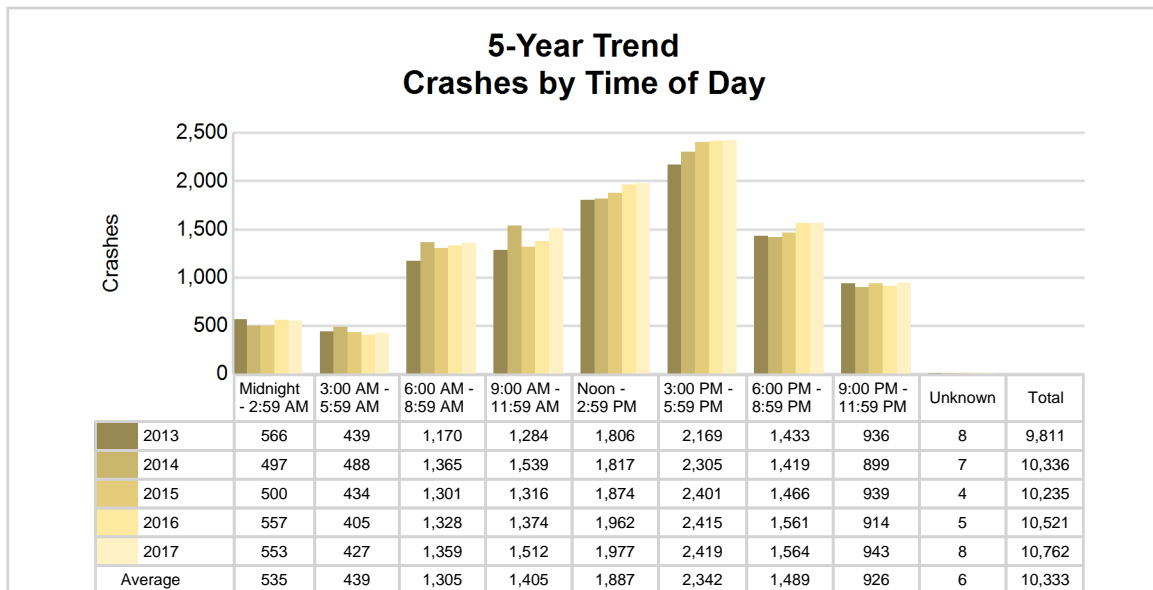
5-Year Crash Trends by Weekday (Monday - Friday) and Weekend (Saturday & Sunday)



5-Year Trend - Crashes by Time of Day

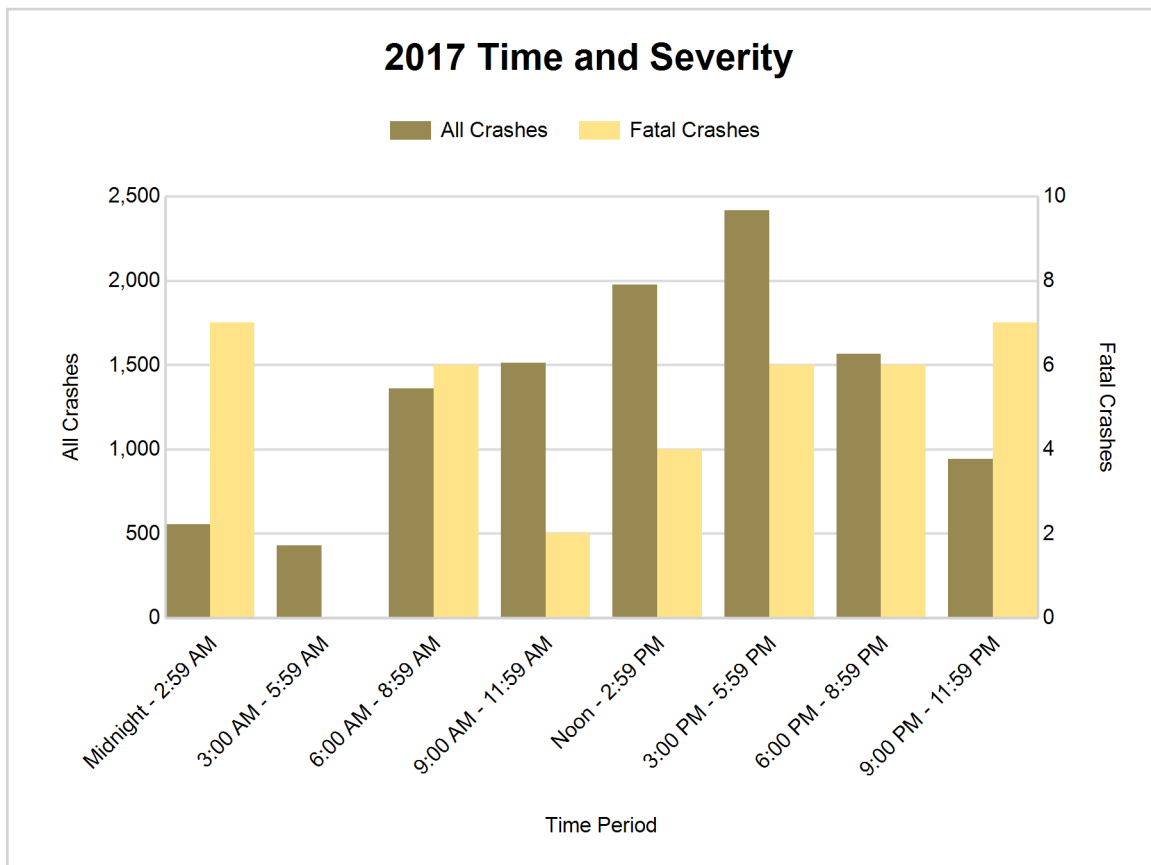
Time of Day	2013		2014		2015		2016		2017	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Midnight - 2:59 AM	566	5	497	2	500	4	557	8	553	7
3:00 AM - 5:59 AM	439	2	488	3	434	3	405	2	427	0
6:00 AM - 8:59 AM	1,170	0	1,365	1	1,301	1	1,328	4	1,359	6
9:00 AM - 11:59 AM	1,284	1	1,539	2	1,316	1	1,374	4	1,512	2
Noon - 2:59 PM	1,806	1	1,817	2	1,874	4	1,962	5	1,977	4
3:00 PM - 5:59 PM	2,169 †	8	2,305 †	4	2,401 †	8	2,415 †	4	2,419 †	6
6:00 PM - 8:59 PM	1,433	4	1,419	8	1,466	3	1,561	11	1,564	6
9:00 PM - 11:59 PM	936	8	899	6	939	4	914	11	943	7
Unknown	8	0	7	0	4	0	5	0	8	0
Total	9,811	29	10,336	28	10,235	28	10,521	49	10,762	38

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

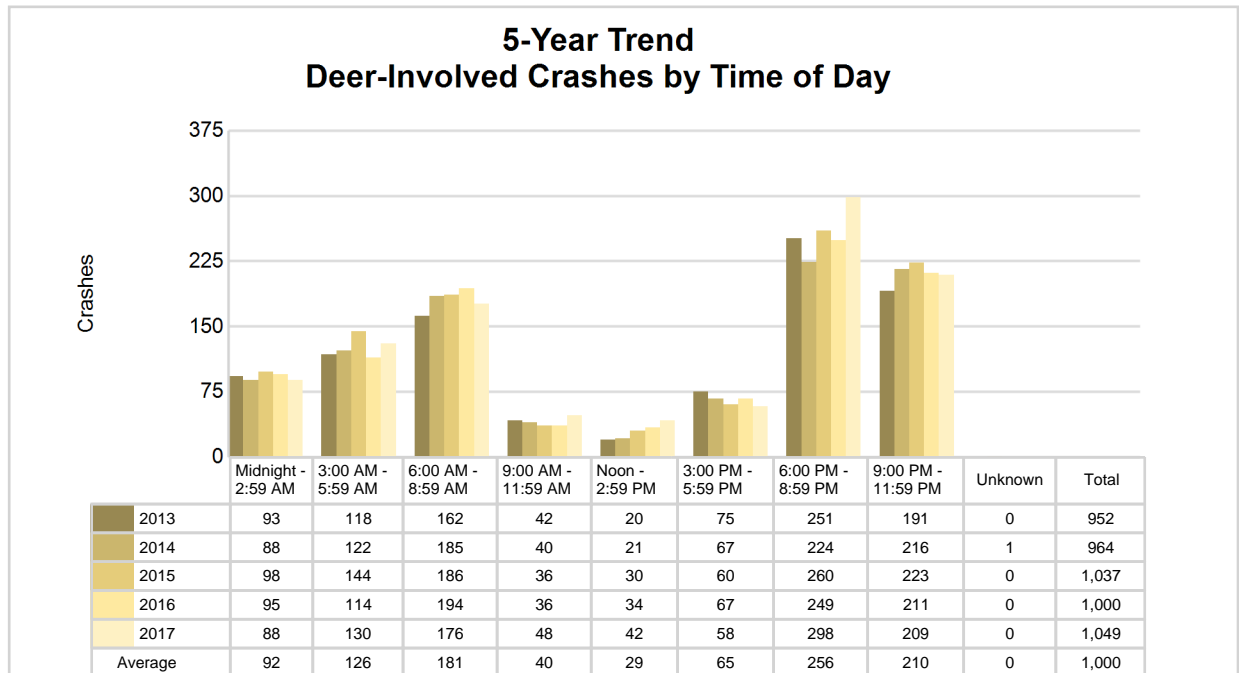
Time of Day	All Crashes		Fatal Crashes		Injury Crashes			PDO Crashes
	Number	% of Total	Number	% of Fatal	A	B	C	Number
Midnight - 2:59 AM	553	5.1	7	18.4	17	41	91	397
3:00 AM - 5:59 AM	427	4.0	0	0.0	5	18	46	358
6:00 AM - 8:59 AM	1,359	12.6	6	15.8	12	53	201	1,087
9:00 AM - 11:59 AM	1,512	14.0	2	5.3	14	69	256	1,171
Noon - 2:59 PM	1,977	18.4	4	10.5	23	115	373	1,462
3:00 PM - 5:59 PM	2,419	22.5	6	15.8	29	122	458	1,804
6:00 PM - 8:59 PM	1,564	14.5	6	15.8	29	78	248	1,203
9:00 PM - 11:59 PM	943	8.8	7	18.4	26	52	127	731
Unknown	8	0.1	0	0.0	0	0	1	7
Total	10,762	100.0	38	100.0	155	548	1,801	8,220



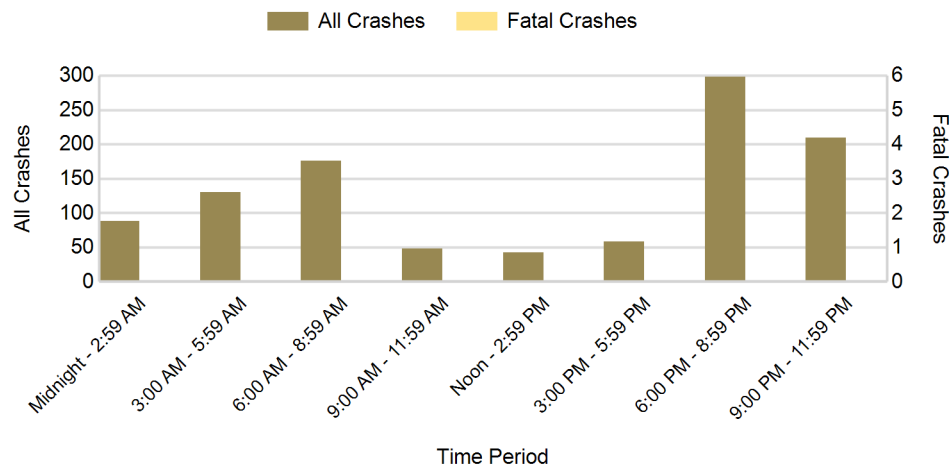
5-Year Trend - Deer-Involved Crashes by Time of Day

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	93	0	88	0	98	0	95	0	88	0
3:00 AM - 5:59 AM	118	0	122	0	144	0	114	0	130	0
6:00 AM - 8:59 AM	162	0	185	0	186	0	194	0	176	0
9:00 AM - 11:59 AM	42	0	40	0	36	0	36	0	48	0
Noon - 2:59 PM	20	0	21	0	30	0	34	0	42	0
3:00 PM - 5:59 PM	75	0	67	0	60	0	67	0	58	0
6:00 PM - 8:59 PM	251 †	0	224 †	0	260 †	0	249 †	0	298 †	0
9:00 PM - 11:59 PM	191	0	216	0	223	0	211	0	209	0
Unknown	0	0	1	0	0	0	0	0	0	0
Total	952	0	964	0	1,037	0	1,000	0	1,049	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 Genesee County in 2017

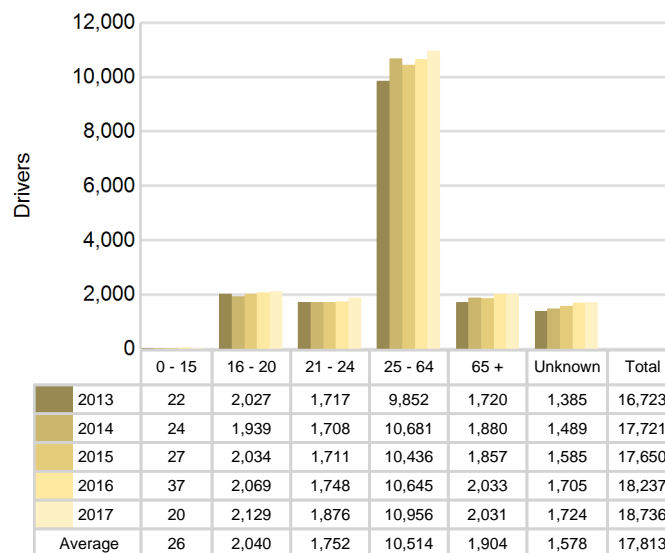
2017 - Reported Motor Vehicle Crashes by Municipality

Municipality	Crashes											Persons	
	Total	Fatal	Injury	Property Damage	Inter-state	US Route	State Route	Local Street	Alcohol-Involved	Drug-Involved	Deer-Involved	Fatalities	Injuries
Argentine Twp.	149	0	28	121	0	0	0	149	5	1	49	0	36
Atlas Twp.	162	1	22	139	0	0	51	111	5	1	79	1	30
Burton	592	2	134	456	100	0	22	470	18	7	45	2	201
Clayton Twp.	148	0	33	115	46	0	41	58	4	1	35	0	46
Clio	49	0	6	43	0	0	35	14	2	1	3	0	14
Davison	113	0	31	82	0	0	83	30	6	3	1	0	41
Davison Twp.	500	2	135	363	99	0	127	274	17	3	72	2	204
Fenton	537	0	103	434	0	183	0	354	18	3	20	0	130
Fenton Twp.	297	0	65	232	0	96	0	201	2	0	68	0	90
Flint	2,849	13	802	2,034	585	0	383	1,876	73	20	14	14	1,138
Flint Twp.	1,354	3	298	1,053	452	0	212	690	33	12	50	3	413
Flushing	109	0	26	83	0	0	0	109	8	1	3	0	30
Flushing Twp.	102	1	15	86	0	0	14	88	3	0	42	1	17
Forest Twp.	115	1	22	92	0	0	45	70	6	0	46	1	38
Gaines	0	0	0	0	0	0	0	0	0	0	0	0	0
Gaines Twp.	79	0	16	63	0	0	0	79	2	1	22	0	30
Genesee Twp.	309	3	81	225	13	0	59	237	20	9	44	3	122
Goodrich	35	0	3	32	0	0	31	4	0	0	9	0	4
Grand Blanc	197	0	38	159	0	0	0	196	3	1	3	0	44
Grand Blanc Twp.	788	1	178	609	178	0	81	529	34	12	133	1	250
Lennon	1	0	0	1	0	0	1	0	0	0	0	0	0
Linden	36	0	4	32	0	0	0	36	0	1	5	0	5
Montrose	17	0	2	15	0	0	8	9	1	0	0	0	2
Montrose Twp.	111	0	24	87	0	0	53	58	6	1	32	0	28
Mt. Morris	44	0	8	36	0	0	0	44	1	0	0	0	8
Mt. Morris Twp.	511	4	103	404	186	0	0	325	14	6	46	4	126
Mundy Twp.	593	1	122	470	35	178	0	380	17	5	57	1	154
Otisville	9	0	2	7	0	0	7	2	0	0	3	0	2
Otter Lake	1	0	0	1	0	0	0	1	0	0	0	0	0
Richfield Twp.	206	0	34	172	0	0	77	129	9	1	66	0	49
Swartz Creek	159	0	29	130	59	0	0	100	2	1	12	0	39
Thetford Twp.	117	2	31	84	0	0	48	69	4	0	33	2	51
Vienna Twp.	473	4	109	360	149	0	190	133	14	4	57	4	162
Unknown Community	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	10,762	38	2,504	8,220	1,902	457	1,568	6,825	327	95	1,049	39	3,504

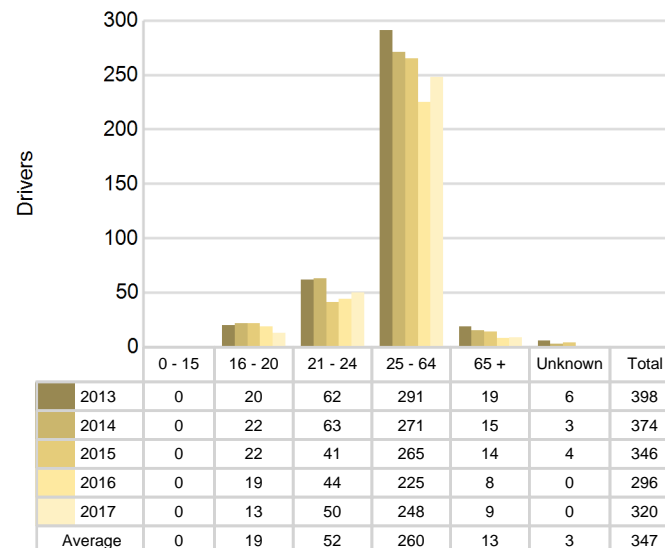
5-Year Trend - Drivers in Crashes Coded Drinking by Driver Age

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	22	0	24	0	27	0	37	0	20	0
16 - 20	2,027	20	1,939	22	2,034	22	2,069	19	2,129	13
21 - 24	1,717	62	1,708	63	1,711	41	1,748	44	1,876	50
25 - 64	9,852	291	10,681	271	10,436	265	10,645	225	10,956	248
65 +	1,720	19	1,880	15	1,857	14	2,033	8	2,031	9
Unknown	1,385	6	1,489	3	1,585	4	1,705	0	1,724	0
Total	16,723	398	17,721	374	17,650	346	18,237	296	18,736	320

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	1	0	0	0	0	0	0	0	0
16 - 20	28	19	11	13	0	1	4	3	5
21 - 24	67	51	42	50	1	3	9	10	27
25 - 64	356	242	202	248	3	11	40	63	131
65 +	26	12	6	9	0	0	0	1	8
Unknown	16	0	0	0	0	0	0	0	0
Total	494	324	261	320	4	15	53	77	171

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 494 drivers in alcohol-involved crashes; 320 (64.8%) of those drivers were coded as had-been-drinking by the officer on the crash form.

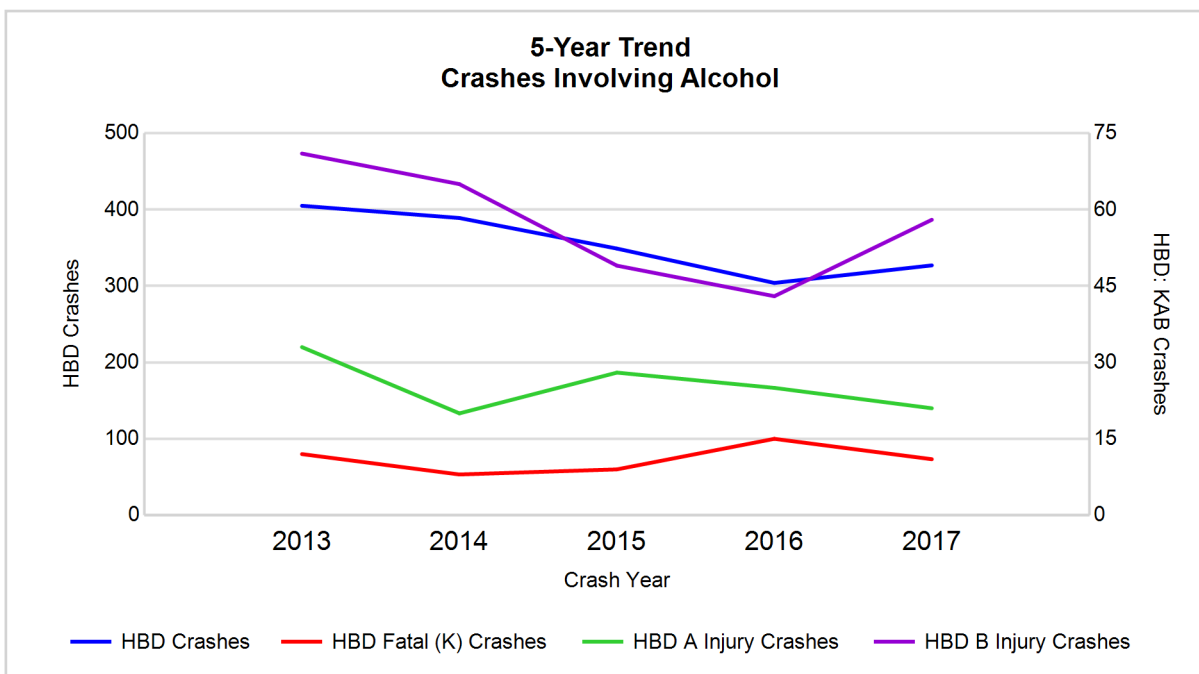
- 130 (40.6%) of the 320 drivers had a blood alcohol concentration (BAC) of 0.08 g/dL (grams per deciliter) or greater, and 77 (59.2%) of the 130 drivers had a BAC at or above 0.17 g/dL.
- 261 (81.6%) of the 320 drivers were coded as had-been-drinking and were tested for alcohol consumption.

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	9,811	405	4.1	29	12	41.4	124	33	26.6	460	71	15.4
2014	10,336	389	3.8	28	8	28.6	97	20	20.6	444	65	14.6
2015	10,235	349	3.4	28	9	32.1	110	28	25.5	474	49	10.3
2016	10,521	304	2.9	49	15	30.6	131	25	19.1	544	43	7.9
2017	10,762**	327	3.0	38	11	28.9	155**	21	13.5*	548**	58	10.6

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



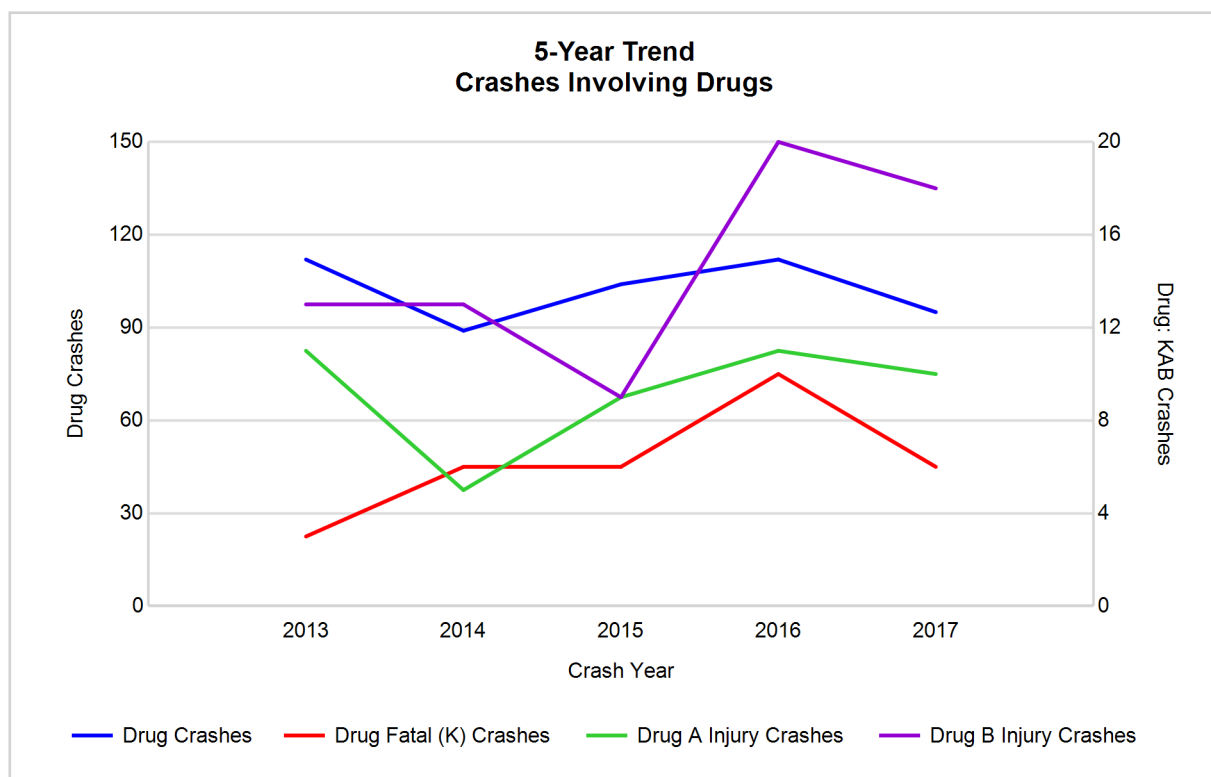
Note: Had-Been-Drinking (HBD)

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	9,811	112	1.1	29	3	10.3	124	11	8.9	460	13	2.8
2014	10,336	89	0.9	28	6	21.4	97	5	5.2	444	13	2.9
2015	10,235	104	1.0	28	6	21.4	110	9	8.2	474	9	1.9
2016	10,521	112	1.1	49	10	20.4	131	11	8.4	544	20	3.7
2017	10,762**	95	0.9	38	6	15.8	155**	10	6.5	548**	18	3.3

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

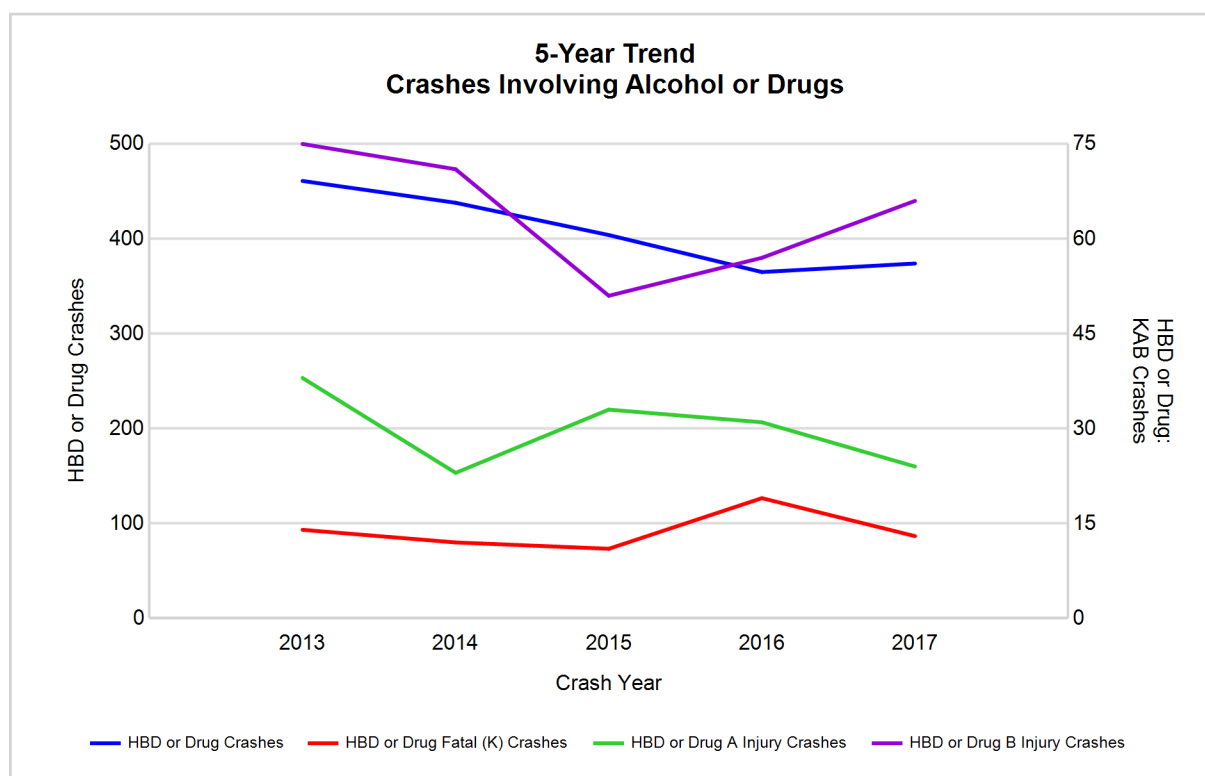


5-Year Trend - Crashes Involving Alcohol or Drugs

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	9,811	461	4.7	29	14	48.3	124	38	30.6	460	75	16.3
2014	10,336	438	4.2	28	12	42.9	97	23	23.7	444	71	16.0
2015	10,235	404	3.9	28	11	39.3	110	33	30.0	474	51	10.8
2016	10,521	365	3.5	49	19	38.8	131	31	23.7	544	57	10.5
2017	10,762**	374	3.5	38	13	34.2*	155**	24	15.5*	548**	66	12.0

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	16,086	14,375	89.4	23	10	43.5	116	93	80.2	518	458	88.4	2,279	2,160	94.8	11,915	11,637	97.7
Motor home	24	24	100.0	0	0	0.0	1	1	100.0	1	1	100.0	4	4	100.0	18	18	100.0
Pickup truck	2,468	2,198	89.1	1	1	100.0	18	15	83.3	72	62	86.1	228	222	97.4	1,945	1,894	97.4
Small truck under 10,000 lbs. GVWR	98	83	84.7	0	0	0.0	0	0	0.0	2	2	100.0	7	4	57.1	80	77	96.3
Motorcycle	112	66	58.9	3	0	0.0	24	13	54.2	33	20	60.6	25	16	64.0	22	17	77.3
Moped / goped	9	3	33.3	0	0	0.0	2	0	0.0	1	0	0.0	3	1	33.3	2	2	100.0
Go-cart / golf cart	3	2	66.7	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	3	2	66.7
Snowmobile	2	0	0.0	0	0	0.0	1	0	0.0	0	0	0.0	0	0	0.0	1	0	0.0
Off-Road Vehicle - ORV / All-Terrain Vehicle - ATV	11	1	9.1	0	0	0.0	3	0	0.0	5	0	0.0	3	1	33.3	0	0	0.0
Other	73	53	72.6	0	0	0.0	0	0	0.0	4	0	0.0	3	2	66.7	57	51	89.5
Truck/bus over 10,000 lbs.	414	376	90.8	0	0	0.0	1	0	0.0	6	4	66.7	25	16	64.0	364	356	97.8
Unknown	314	2	0.6	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	1	1	100.0
Total	19,614	17,183	87.6	27	11	0.0	166	122	73.5	642	547	85.2	2,577	2,426	94.1	14,408	14,055	97.5

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	251	223	88.8	2	1	50.0	5	4	80.0	55	47	85.5	171	155	90.6	18	16	88.9
16 - 20	2,265	2,176	96.1	1	0	0.0	17	15	88.2	94	70	74.5	288	272	94.4	1,855	1,815	97.8
21 - 24	1,949	1,851	95.0	3	1	33.3	21	13	61.9	78	68	87.2	289	266	92.0	1,551	1,502	96.8
25 - 64	11,313	10,872	96.1	16	7	43.8	96	64	66.7	336	290	86.3	1,534	1,448	94.4	9,284	9,049	97.5
65 +	2,112	2,061	97.6	5	2	40.0	27	26	96.3	79	72	91.1	295	285	96.6	1,700	1,673	98.4
Unknown	1,724	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0
Total	19,614	17,183	87.6	27	11	0.0	166	122	73.5	642	547	85.2	2,577	2,426	94.1	14,408	14,055	97.5

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	127	0	27	154	1	19	102	0	19	47	1	6	38	0	9
Shoulder belt only used	30	0	2	17	0	2	15	0	1	38	0	6	95	0	18
Lap belt only used	48	0	6	40	0	4	64	0	5	63	0	6	41	0	3
Both lap & shoulder belts used	14,537	4	1,951	15,410	9	1,915	15,294	9	1,951	15,706	10	2,153	16,211	9	2,267
No belts used	120	3	59	121	6	46	149	3	71	122	6	54	109	7	54
Child restraint used	1	0	0	0	0	0	1	0	0	5	0	0	4	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	9	0	4	12	0	3	9	0	0	7	0	0	6	0	2
Restraint use unknown	824	5	89	951	2	66	956	1	68	1,686	4	73	2,086	2	77
Helmet worn	68	1	45	70	0	49	74	1	53	93	2	66	66	0	47
Helmet not worn	41	2	32	54	1	41	43	2	33	59	4	41	38	3	32
Helmet use unknown	9	0	3	6	2	2	18	1	5	16	0	8	7	0	4
Uncoded & errors	909	0	4	885	0	1	924	0	4	395	0	0	35	0	0
Total	16,723	15	2,222	17,721	21	2,148	17,650	17	2,210	18,237	27	2,413	18,736	21	2,513

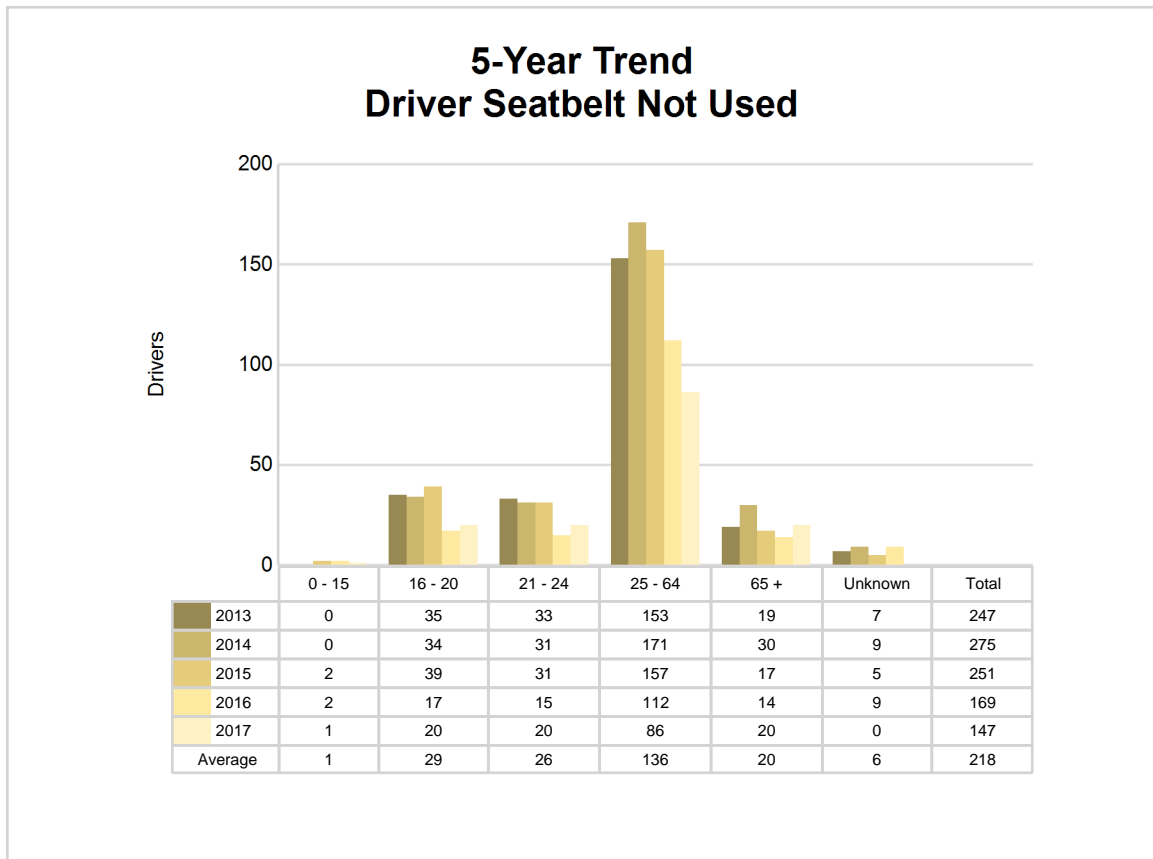
5-Year Trend - Restraint Use Among Drivers Coded Drinking

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	6	0	3	3	0	1	3	0	3	0	0	0	1	0	1
Shoulder belt only used	7	0	1	0	0	0	0	0	0	1	0	0	0	0	0
Lap belt only used	1	0	0	1	0	1	2	0	1	2	0	0	1	0	1
Both lap & shoulder belts used	280	0	97	262	0	83	251	2	75	220	2	67	238	1	76
No belts used	21	1	14	26	2	10	31	2	22	24	2	13	17	2	10
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	1	0	0	1	0	0	0	0	0
Restraint use unknown	74	2	22	69	1	19	41	0	14	42	2	10	52	0	11
Helmet worn	4	1	3	2	0	1	5	0	4	2	0	1	1	0	1
Helmet not worn	3	0	3	10	0	8	8	0	8	4	1	3	9	3	6
Helmet use unknown	1	0	1	0	0	0	1	0	1	0	0	0	0	0	0
Uncoded & errors	1	0	0	1	0	0	3	0	1	0	0	0	1	0	0
Total	398	4	144	374	3	123	346	4	129	296	7	94	320	6	106

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	0	0	0	0	0	0	2	0	2	2	0	0	1	0	0
16 - 20	35	0	14	34	1	9	39	0	13	17	0	7	20	0	12
21 - 24	33	0	10	31	0	10	31	0	14	15	0	7	20	1	14
25 - 64	153	3	57	171	5	42	157	3	54	112	5	44	86	5	31
65 +	19	0	5	30	1	4	17	0	5	14	2	2	20	1	6
Unknown	7	0	0	9	0	0	5	0	2	9	0	0	0	0	0
Total	247	3	86	275	7	65	251	3	90	169	7	60	147	7	63

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

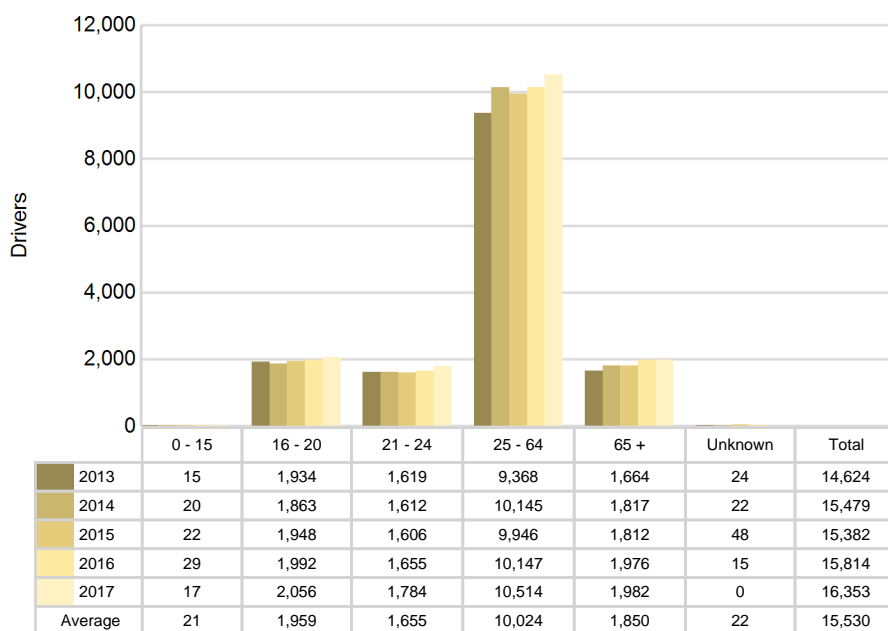


5-Year Trend - Seatbelt Used Among Drivers by Age

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	15	0	3	20	0	1	22	0	3	29	0	1	17	0	1
16 - 20	1,934	0	256	1,863	0	222	1,948	2	234	1,992	0	236	2,056	0	240
21 - 24	1,619	0	222	1,612	0	194	1,606	0	193	1,655	2	212	1,784	1	283
25 - 64	9,368	3	1,248	10,145	6	1,260	9,946	6	1,271	10,147	6	1,400	10,514	6	1,461
65 +	1,664	1	234	1,817	3	247	1,812	1	256	1,976	2	316	1,982	2	305
Unknown	24	0	0	22	0	0	48	0	0	15	0	0	0	0	0
Total	14,624	4	1,963	15,479	9	1,924	15,382	9	1,957	15,814	10	2,165	16,353	9	2,290

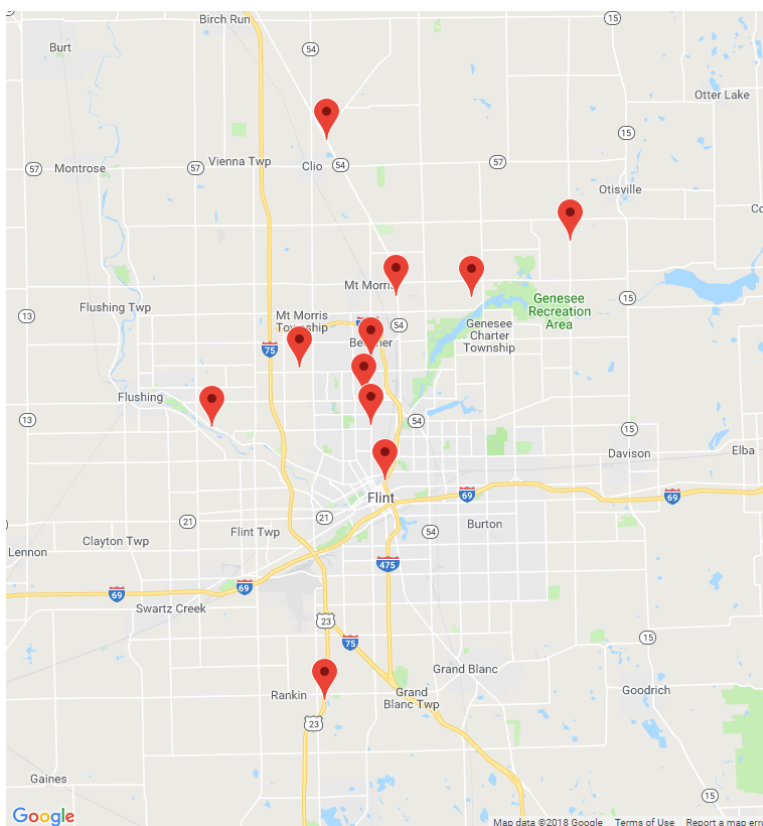
Note: Seatbelt Used includes shoulder belt only used, lap belt only used, both lap and shoulder belts used, and restraint failure.

5-Year Trend Driver Seatbelt Used



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	8,217	19	8,702	28	8,865	21	9,018	28	9,158	23
Speed too fast	1,391	2	1,610	4	1,231	7	1,228	8	1,278	5
Speed too slow	15	0	10	0	16	1	14	0	14	0
Failed to yield	1,707	2	1,604	2	1,721	4	1,847	5	2,028	5
Disregard traffic control	546	1	583	2	614	3	581	1	511	2
Drove wrong way	12	1	23	1	20	0	18	1	13	0
Drove left of center	99	2	115	3	109	2	145	4	122	1
Improper passing	77	0	103	0	81	0	78	0	89	1
Improper lane use	308	1	358	0	340	0	391	0	481	1
Improper turn	195	0	190	0	250	0	208	1	218	1
Improper/no signal	31	0	36	0	19	0	25	0	20	0
Improper backing	245	0	254	0	262	0	274	1	214	0
Unable to stop in assured clear distance	2,043	1	2,308	2	2,310	1	2,428	1	2,385	1
Other	643	1	677	2	624	3	679	6	614	3
Unknown	409	8	445	5	447	1	718	8	951	4
Reckless driving	204	2	163	5	124	0	120	1	126	3
Careless/negligent driving	527	3	498	0	580	3	424	3	473	3
Uncoded & errors	54	0	42	0	37	0	41	0	41	0
Total	16,723	43	17,721	54	17,650	46	18,237	68	18,736	53



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

In 2017, there were 327 alcohol-involved crashes in Genesee County:

- 11 K - Fatal Crashes
- 21 A - Suspected Serious Injury Crashes
- 58 B - Suspected Minor Injury Crashes
- 71 C - Possible Injury Crashes
- 166 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

