



2016

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

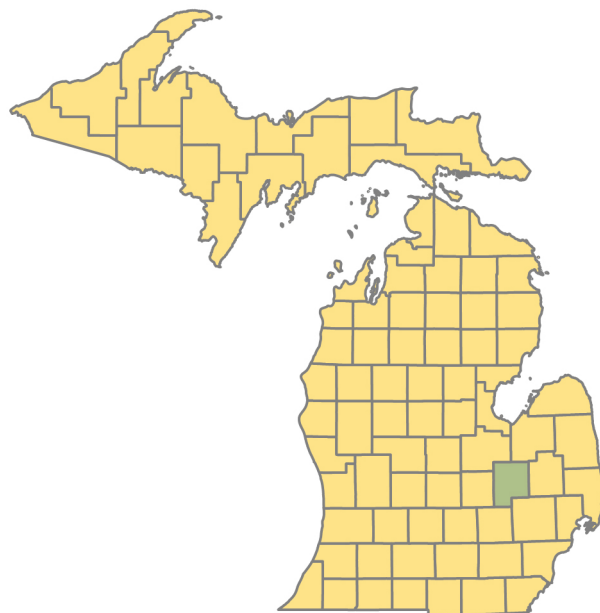
O = No Injury

Property Damage Only (PDO)



Genesee County

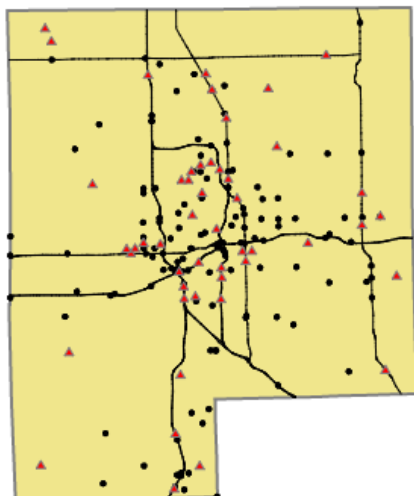
2016 Traffic Crash Data & 2012-2016 5-Year Trends



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 (49/49)
- A - Suspected Serious (129/131)

Genesee County

In 2016:

There were 18,237 drivers involved in 10,521 motor vehicle crashes in Genesee County. Of those crashes, 49 were classified as fatal, resulting in 50 fatalities. An additional 3,361 persons were injured.

Genesee County experienced the highest number of motor vehicle crashes (1,130) in December, the highest number of fatal crashes (8) and the highest number of persons killed (9) in October.

Michigan driver statistics indicate 6.4 percent of licensed drivers in Genesee County were age 16-20, and 11.3 percent of drivers in crashes were also in that age group.

2016 - Crashes and Injuries by Month

Month	Crashes				Persons	
	Total	Fatal	Injury	Property Damage Only (PDO)	Fatalities	Injuries
January	967	3	193	771	3	251
February	984	3	182	799	3	246
March	835	3	183	649	3	261
April	821	2	186	633	2	273
May	740	4	185	551	4	259
June	743	2	210	531	2	284
July	751	5	194	552	5	277
August	786	6	228	552	6	333
September	858	5	213	640	5	304
October	890	8	229	653	9	317
November	1,016	3	205	808	3	276
December	1,130	5	216	909	5	280
Total	10,521	49	2,424	8,048	50	3,361

2016 - Driver Statistics

Age Group	Statewide			Driver Rates	
	2016 Population	Licensed Drivers	Drivers in Crashes	Per 10k Population	Per 10k Licensed
0 - 15	82,474	1,851	37	4.5	199.9
16 - 20	26,020	18,591	2,069	795.2	1,112.9
21 - 24	21,523	19,024	1,748	812.2	918.8
25 - 64	211,264	191,270	10,645	503.9	556.5
65 +	67,334	59,922	2,033	301.9	339.3
Unknown	0	0	1,705	- -	- -
Total	408,615	290,658	18,237	446.3	627.4

2016 - 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	14,531	79.7	45	66.2	3,597	10,889
Motor home	265	1.5	1	1.5	56	208
Pickup truck	2,475	13.6	11	16.2	560	1,904
Small truck under 10,000 lbs. GVWR	131	0.7	0	0.0	23	108
Motorcycle	142	0.8	5	7.4	107	30
Moped / goped	11	0.1	1	1.5	10	0
Go-cart / golf cart	0	0.0	0	0.0	0	0
Snowmobile	1	0.0	0	0.0	1	0
Off-Road Vehicle - ORV / All-Terrain Vehicle - ATV	7	0.0	0	0.0	6	1
Other	77	0.4	1	1.5	14	62
Truck/bus over 10,000 lbs.	341	1.9	3	4.4	87	251
Unknown	256	1.4	1	1.5	25	230
Total	18,237	100.0	68	100.0	4,486	13,683

5-Year Trend - Crashes by Month

Month	2012		2013		2014		2015		2016	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
January	1,027	1	1,012	4	1,453	2	1,148	2	967	3
February	869	2	881	2	931	2	910	0	984	3
March	678	4	690	1	856	3	716	1	835	3
April	675	3	666	2	630	0	647	2	821	2
May	777	2	762	1	751	2	832	2	740	4
June	725	6	719	0	719	4	800	4	743	2
July	640	5	670	2	617	5	664	3	751	5
August	682	1	628	2	690	3	700	1	786	6
September	686	5	716	4	711	2	762	6	858	5
October	838	3	863	4	960	0	956	3	890	8
November	802	1	987	4	1,153	2	1,100	1	1,016	3
December	968	2	1,217	3	865	3	1,000	3	1,130	5
Total	9,367	35	9,811	29	10,336	28	10,235	28	10,521	49

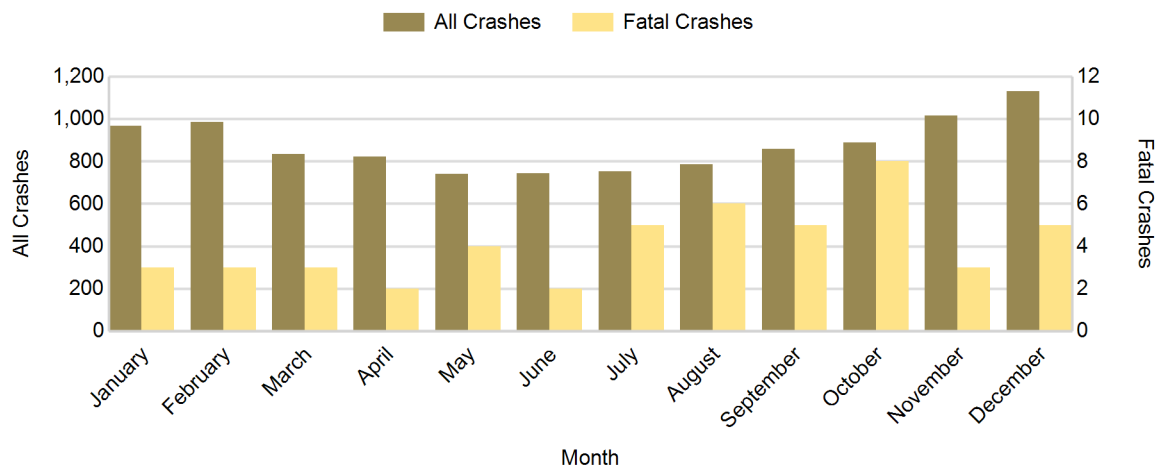
Note: † Indicates that the highest number of total crashes reported in the 5-year period occurred in the same month

5-Year Trend - Crashes by Day of Week

Day	2012		2013		2014		2015		2016	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Monday	1,299	3	1,457	6	1,413	1	1,428	5	1,456	4
Tuesday	1,273	2	1,417	1	1,672	4	1,580	3	1,615	6
Wednesday	1,227	2	1,496	4	1,645	2	1,564	2	1,667	5
Thursday	1,350	4	1,582	6	1,919	5	1,560	2	1,567	7
Friday	1,858	9	1,532	3	1,580	2	1,656	9	1,711	9
Saturday	1,280	8	1,300	7	1,151	9	1,406	5	1,364	11
Sunday	1,080	7	1,027	2	956	5	1,041	2	1,141	7
Total	9,367	35	9,811	29	10,336	28	10,235	28	10,521	49

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

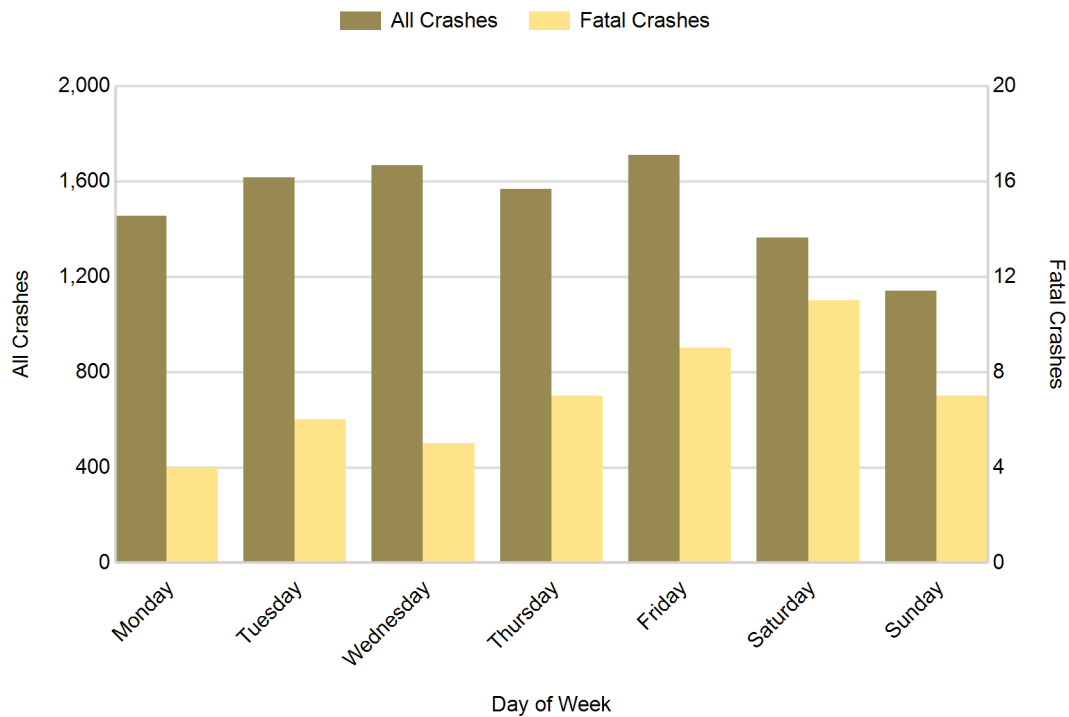
2016 Crashes by Month



2016 - 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	1,456	13.8	4	8.2	15	71	234	1,132
Tuesday	1,615	15.4	6	12.2	21	85	251	1,252
Wednesday	1,667	15.8	5	10.2	13	74	307	1,268
Thursday	1,567	14.9	7	14.3	21	97	272	1,170
Friday	1,711	16.3	9	18.4	21	91	288	1,302
Saturday	1,364	13.0	11	22.4	25	69	233	1,026
Sunday	1,141	10.8	7	14.3	15	57	164	898
Total	10,521	100.0	49	100.0	131	544	1,749	8,048

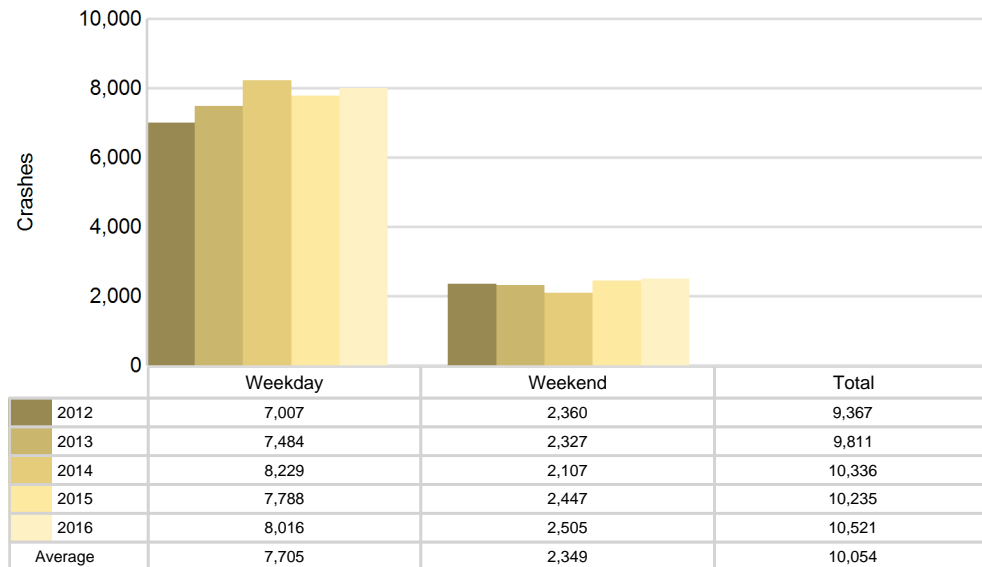
2016 Day of Week and Severity



5-Year Trend - Crashes by Weekday and Weekend

Portion of Week	2012		2013		2014		2015		2016	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Weekday	7,007	20	7,484	20	8,229	14	7,788	21	8,016	31
Weekend	2,360	15	2,327	9	2,107	14	2,447	7	2,505	18
Total	9,367	35	9,811	29	10,336	28	10,235	28	10,521	49

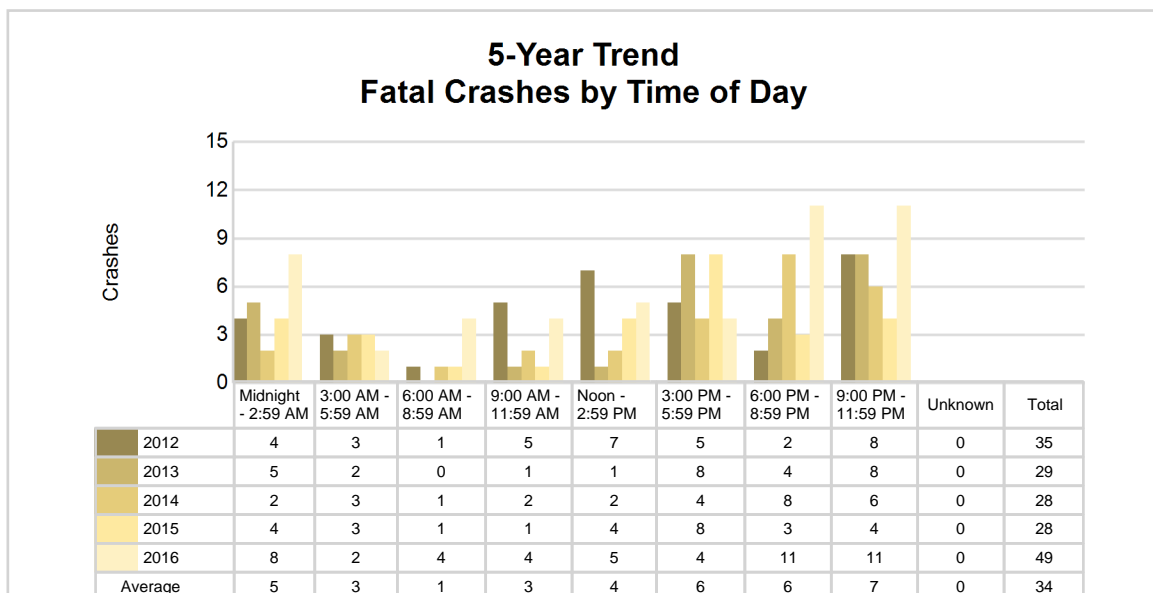
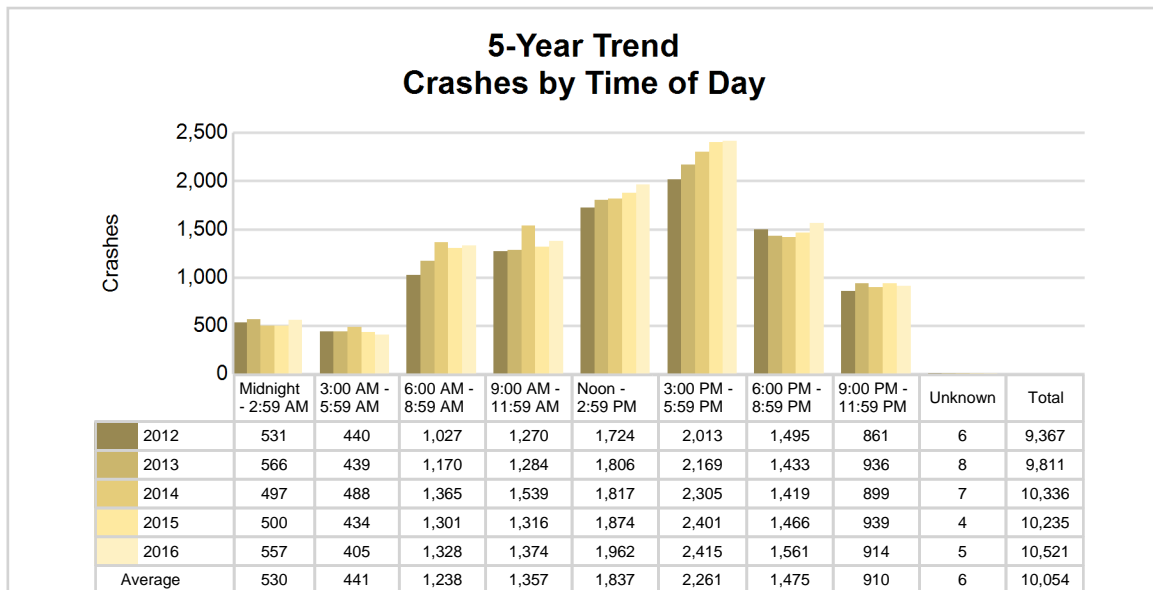
5-Year Crash Trends by Weekday (Monday - Friday) and Weekend (Saturday & Sunday)



5-Year Trend - Crashes by Time of Day

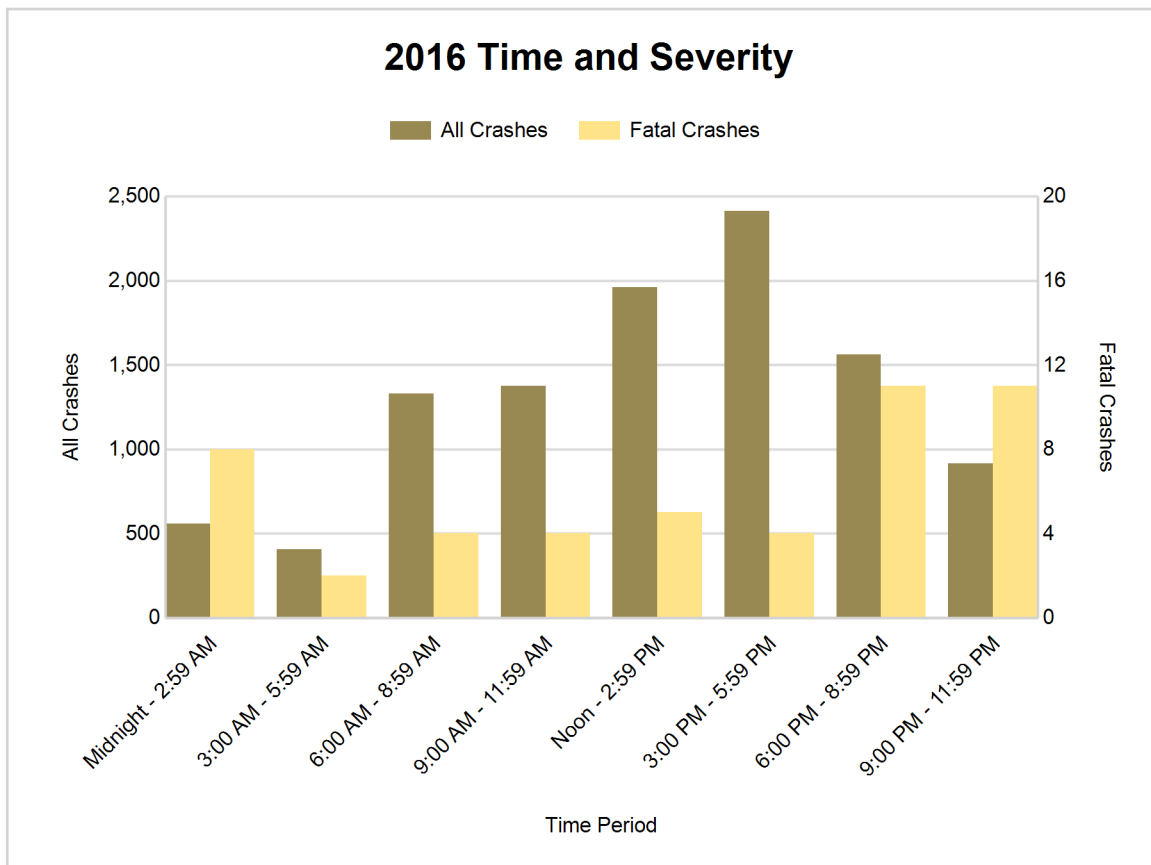
Time of Day	2012		2013		2014		2015		2016	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Midnight - 2:59 AM	531	4	566	5	497	2	500	4	557	8
3:00 AM - 5:59 AM	440	3	439	2	488	3	434	3	405	2
6:00 AM - 8:59 AM	1,027	1	1,170	0	1,365	1	1,301	1	1,328	4
9:00 AM - 11:59 AM	1,270	5	1,284	1	1,539	2	1,316	1	1,374	4
Noon - 2:59 PM	1,724	7	1,806	1	1,817	2	1,874	4	1,962	5
3:00 PM - 5:59 PM	2,013 †	5	2,169 †	8	2,305 †	4	2,401 †	8	2,415 †	4
6:00 PM - 8:59 PM	1,495	2	1,433	4	1,419	8	1,466	3	1,561	11
9:00 PM - 11:59 PM	861	8	936	8	899	6	939	4	914	11
Unknown	6	0	8	0	7	0	4	0	5	0
Total	9,367	35	9,811	29	10,336	28	10,235	28	10,521	49

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



2016 - Time and Severity

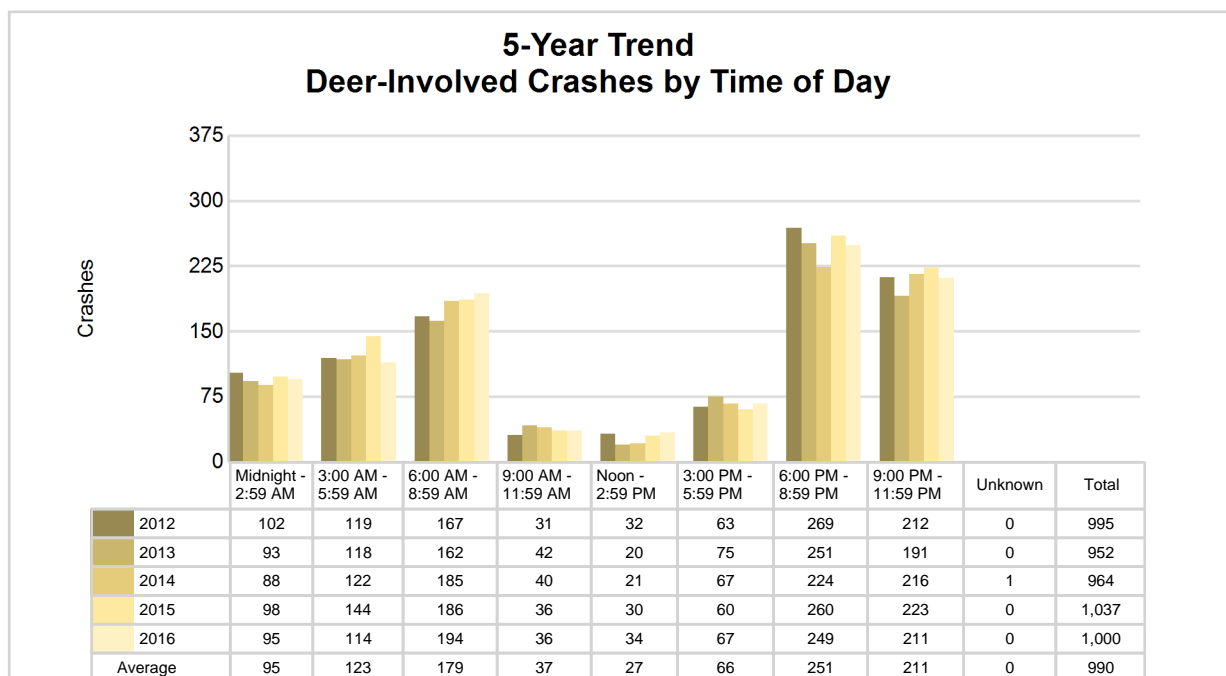
Time of Day	All Crashes		Fatal Crashes		Injury Crashes			PDO Crashes
	Number	% of Total	Number	% of Fatal	A	B	C	Number
Midnight - 2:59 AM	557	5.3	8	16.3	16	30	78	425
3:00 AM - 5:59 AM	405	3.8	2	4.1	9	18	55	321
6:00 AM - 8:59 AM	1,328	12.6	4	8.2	16	62	174	1,072
9:00 AM - 11:59 AM	1,374	13.1	4	8.2	14	77	281	998
Noon - 2:59 PM	1,962	18.6	5	10.2	19	101	352	1,485
3:00 PM - 5:59 PM	2,415	23.0	4	8.2	24	133	438	1,816
6:00 PM - 8:59 PM	1,561	14.8	11	22.4	16	64	248	1,222
9:00 PM - 11:59 PM	914	8.7	11	22.4	17	58	123	705
Unknown	5	0.0	0	0.0	0	1	0	4
Total	10,521	100.0	49	100.0	131	544	1,749	8,048



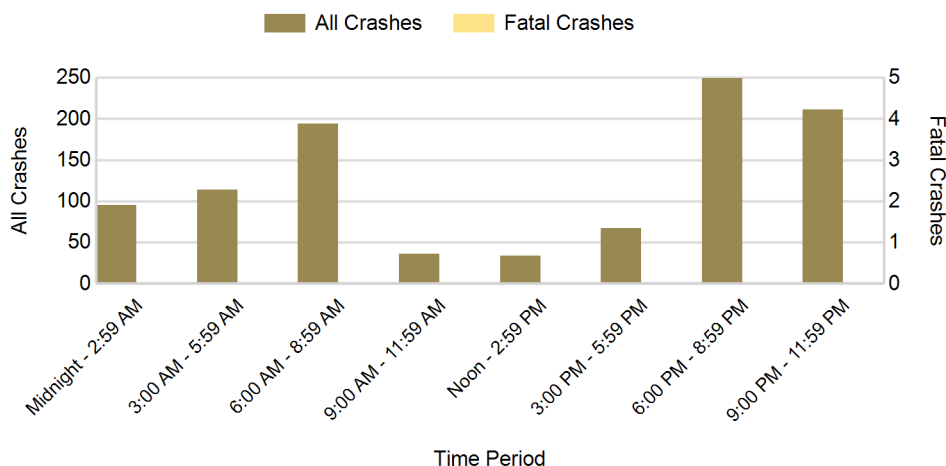
5-Year Trend - Deer-Involved Crashes by Time of Day

Time of Day	2012		2013		2014		2015		2016	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Midnight - 2:59 AM	102	0	93	0	88	0	98	0	95	0
3:00 AM - 5:59 AM	119	0	118	0	122	0	144	0	114	0
6:00 AM - 8:59 AM	167	0	162	0	185	0	186	0	194	0
9:00 AM - 11:59 AM	31	0	42	0	40	0	36	0	36	0
Noon - 2:59 PM	32	0	20	0	21	0	30	0	34	0
3:00 PM - 5:59 PM	63	0	75	0	67	0	60	0	67	0
6:00 PM - 8:59 PM	269 †	0	251 †	0	224 †	0	260 †	0	249 †	0
9:00 PM - 11:59 PM	212	0	191	0	216	0	223	0	211	0
Unknown	0	0	0	0	1	0	0	0	0	0
Total	995	0	952	0	964	0	1,037	0	1,000	0

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



2016 Time and Severity of Deer-Involved Crashes



There were no fatal deer-involved crashes in Genesee County in 2016

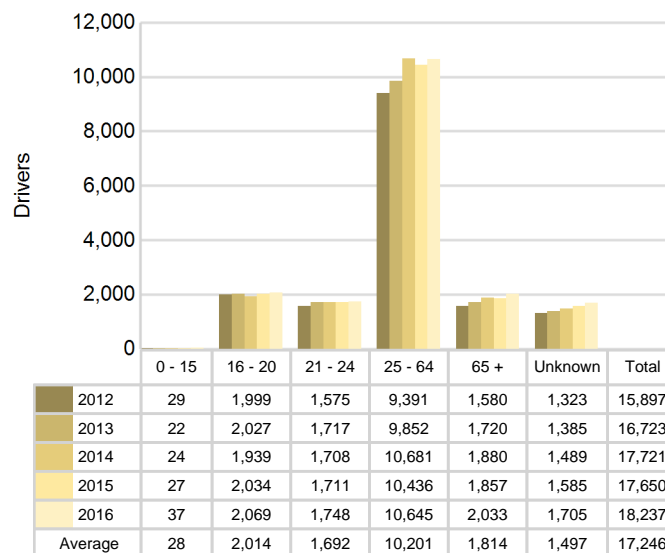
2016 - Reported Motor Vehicle Crashes by Municipality

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.	127	1	13	113	0	0	0	125	2	1	52	1	16
Atlas Twp.	145	1	20	124	0	0	49	96	5	2	69	1	33
Burton	678	3	150	525	111	0	21	541	24	13	41	3	214
Clayton Twp.	96	0	36	60	25	0	34	35	4	2	2	0	46
Clio	47	0	8	39	0	0	34	13	0	0	0	0	9
Davison	132	1	34	97	0	0	86	45	7	2	1	1	45
Davison Twp.	447	2	103	342	88	0	95	261	19	9	74	2	150
Fenton	537	2	91	444	0	151	0	386	10	2	20	2	121
Fenton Twp.	300	1	69	230	0	87	0	210	8	1	54	1	89
Flint	2,950	14	782	2,154	615	0	405	1,923	58	27	17	14	1,077
Flint Twp.	1,314	8	302	1,004	420	0	193	699	35	11	60	8	419
Flushing	104	1	23	80	0	0	0	103	4	0	9	1	27
Flushing Twp.	98	0	14	84	0	0	9	87	3	0	39	0	16
Forest Twp.	93	1	15	77	0	0	44	49	3	1	51	1	23
Gaines	3	0	1	2	0	0	0	3	0	0	1	0	1
Gaines Twp.	122	1	18	103	0	0	0	121	6	1	56	2	22
Genesee Twp.	302	3	83	216	14	0	32	255	10	3	44	3	127
Goodrich	49	0	4	45	0	0	42	7	1	0	12	0	5
Grand Blanc	188	0	33	155	0	0	0	188	2	0	9	0	43
Grand Blanc Twp.	760	0	168	592	193	0	73	493	29	12	91	0	246
Lennon	0	0	0	0	0	0	0	0	0	0	0	0	0
Linden	37	0	7	30	0	0	0	37	2	0	4	0	10
Montrose	13	0	5	8	0	0	8	5	0	0	0	0	8
Montrose Twp.	121	2	25	94	0	0	58	63	11	2	35	2	30
Mt. Morris	32	0	5	27	0	0	0	32	1	1	0	0	6
Mt. Morris Twp.	485	2	123	360	140	0	0	340	11	3	46	2	176
Mundy Twp.	537	1	127	409	43	144	0	345	13	6	59	1	167
Otisville	8	0	1	7	0	0	7	1	2	0	1	0	1
Otter Lake	1	0	1	0	0	0	0	1	0	0	0	0	2
Richfield Twp.	161	1	29	131	0	0	79	82	7	4	54	1	40
Swartz Creek	138	0	24	114	57	0	0	81	3	2	15	0	29
Thetford Twp.	105	2	14	89	0	0	43	61	5	3	41	2	19
Vienna Twp.	391	2	96	293	99	0	168	120	19	4	43	2	144
Unknown Community	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	10,521	49	2,424	8,048	1,805	382	1,480	6,808	304	112	1,000	50	3,361

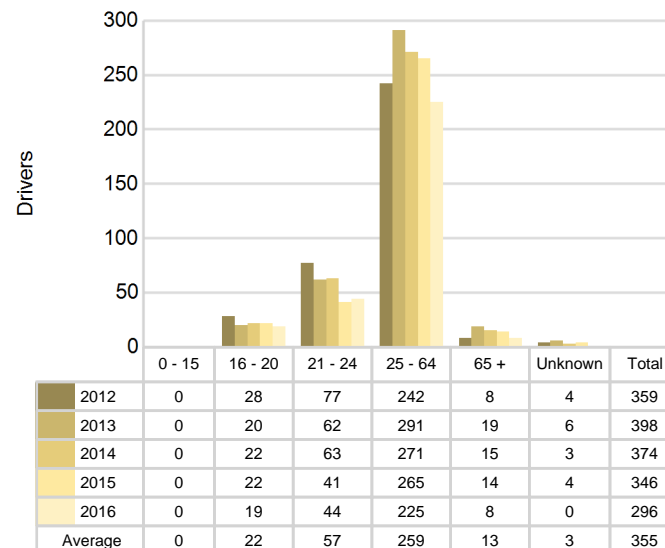
5-Year Trend - Drivers in Crashes Coded Drinking by Driver Age

Driver Age	2012		2013		2014		2015		2016	
	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	29	0	22	0	24	0	27	0	37	0
16 - 20	1,999	28	2,027	20	1,939	22	2,034	22	2,069	19
21 - 24	1,575	77	1,717	62	1,708	63	1,711	41	1,748	44
25 - 64	9,391	242	9,852	291	10,681	271	10,436	265	10,645	225
65 +	1,580	8	1,720	19	1,880	15	1,857	14	2,033	8
Unknown	1,323	4	1,385	6	1,489	3	1,585	4	1,705	0
Total	15,897	359	16,723	398	17,721	374	17,650	346	18,237	296

5-Year Trend Total Drivers in Crashes by Age



5-Year Trend Total Drivers Coded Drinking by Age



2016 - 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	32	28	15	19	0	3	4	5	7
21 - 24	58	49	36	44	1	5	9	13	16
25 - 64	310	225	170	225	4	11	38	54	118
65 +	27	9	5	8	0	0	2	1	5
Unknown	27	1	0	0	0	0	0	0	0
Total	454	312	226	296	5	19	53	73	146

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 2016, there were 454 drivers in alcohol-involved crashes; 296 (65.2%) of those drivers were coded as had-been-drinking by the officer on the crash form.

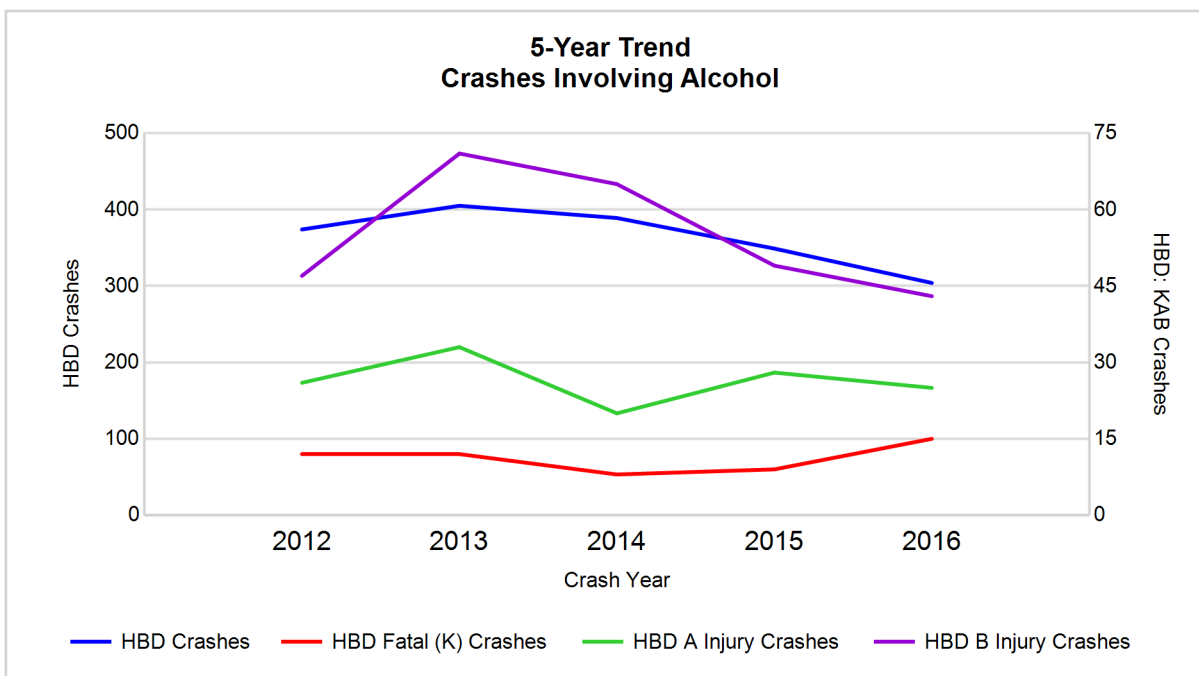
- 126 (42.6%) of the 296 drivers had a blood alcohol concentration (BAC) of 0.08 g/dL (grams per deciliter) or greater, and 73 (57.9%) of the 126 drivers had a BAC at or above 0.17 g/dL.
- 226 (76.4%) of the 296 drivers were coded as had-been-drinking and were tested for alcohol consumption.

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
2012	9,367	374	4.0	35	12	34.3	103	26	25.2	462	47	10.2
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*

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

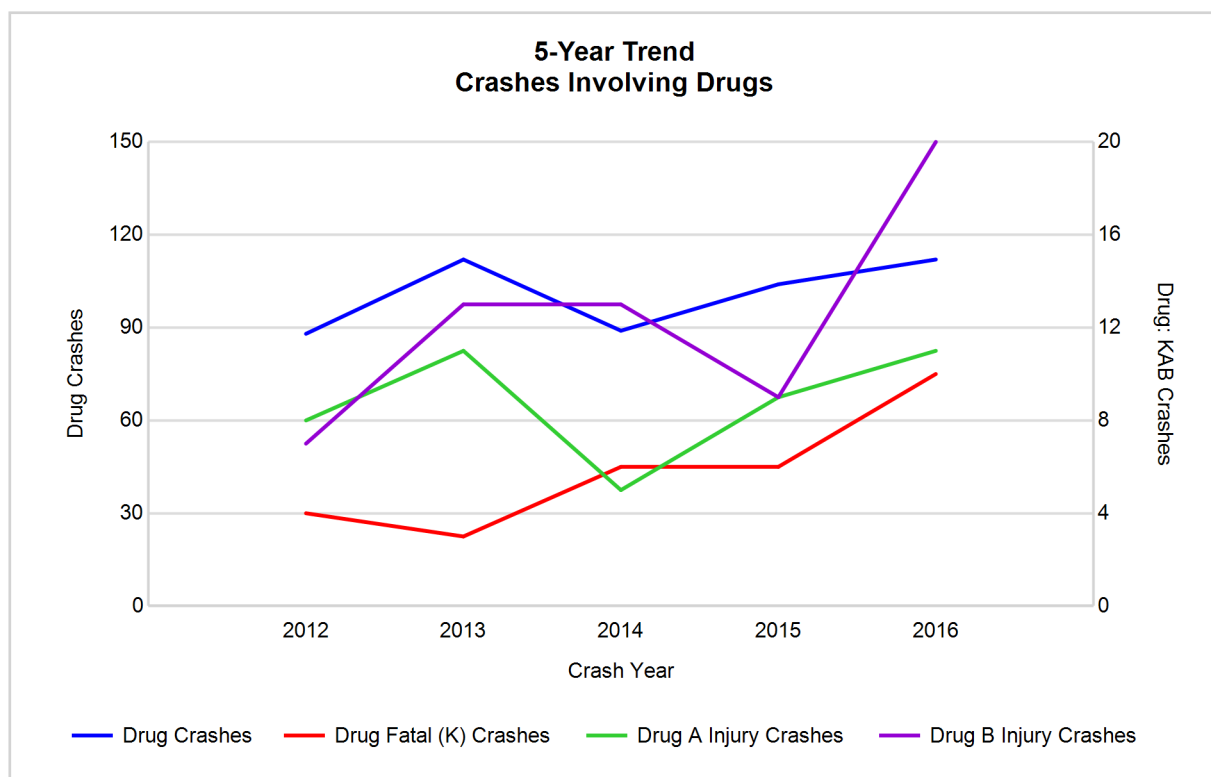


Note: Had-Been-Drinking (HBD)

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
2012	9,367	88	0.9	35	4	11.4	103	8	7.8	462	7	1.5
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**

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

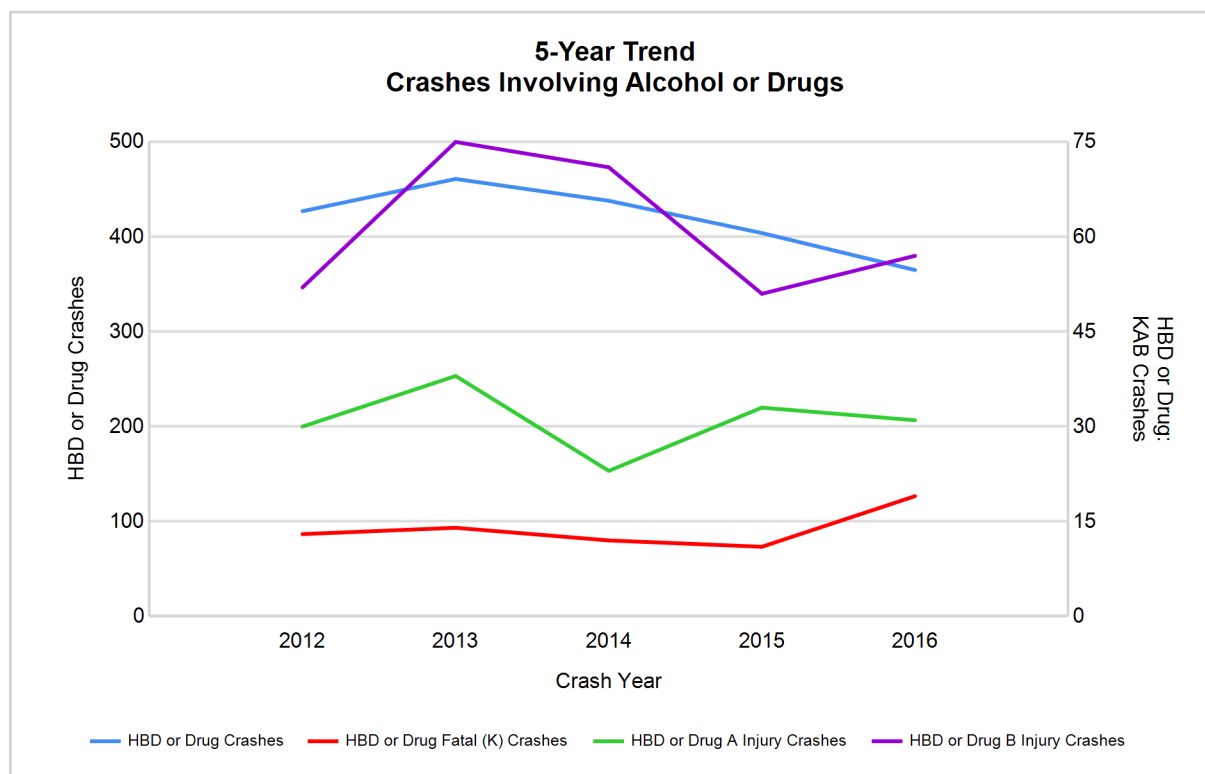


5-Year Trend - Crashes Involving Alcohol or Drugs

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
2012	9,367	427	4.6	35	13	37.1	103	30	29.1	462	52	11.3
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*

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)

2016 - 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	15,267	13,566	88.9	22	10	45.5	108	74	68.5	489	433	88.5	2,123	2,003	94.3	11,418	11,033	96.6
Motor home	282	246	87.2	1	0	0.0	2	2	100.0	6	4	66.7	35	34	97.1	214	206	96.3
Pickup truck	2,545	2,224	87.4	3	1	33.3	19	12	63.2	79	68	86.1	224	206	92.0	1,999	1,934	96.7
Small truck under 10,000 lbs. GVWR	134	122	91.0	0	0	0.0	0	0	0.0	3	3	100.0	10	10	100.0	111	109	98.2
Motorcycle	156	95	60.9	5	2	40.0	21	10	47.6	51	32	62.7	41	29	70.7	35	22	62.9
Moped / goped	11	2	18.2	1	0	0.0	2	0	0.0	6	1	16.7	2	1	50.0	0	0	0.0
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	2	2	100.0	0	0	0.0	0	0	0.0	0	0	0.0	2	2	100.0	0	0	0.0
Off-Road Vehicle - ORV / All-Terrain Vehicle - ATV	8	2	25.0	0	0	0.0	1	0	0.0	3	1	33.3	2	0	0.0	2	1	50.0
Other	79	49	62.0	1	0	0.0	0	0	0.0	0	0	0.0	6	4	66.7	54	45	83.3
Truck/bus over 10,000 lbs.	355	321	90.4	0	0	0.0	0	0	0.0	5	5	100.0	25	15	60.0	310	300	96.8
Unknown	256	2	0.8	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	4	2	50.0
Total	19,095	16,631	87.1	33	13	0.0	153	98	64.1	642	547	85.2	2,470	2,304	93.3	14,147	13,652	96.5

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.

2016 - 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	237	196	82.7	2	0	0.0	11	4	36.4	34	27	79.4	158	137	86.7	30	27	90.0
16 - 20	2,186	2,092	95.7	1	0	0.0	14	8	57.1	87	69	79.3	271	256	94.5	1,809	1,757	97.1
21 - 24	1,817	1,724	94.9	5	3	60.0	18	9	50.0	77	65	84.4	221	202	91.4	1,490	1,444	96.9
25 - 64	11,014	10,520	95.5	21	8	38.1	88	57	64.8	342	288	84.2	1,509	1,407	93.2	9,029	8,757	97.0
65 +	2,134	2,081	97.5	4	2	50.0	21	20	95.2	101	98	97.0	310	301	97.1	1,688	1,659	98.3
Unknown	1,707	18	1.1	0	0	0.0	1	0	0.0	1	0	0.0	1	1	100.0	101	8	7.9
Total	19,095	16,631	87.1	33	13	0.0	153	98	64.1	642	547	85.2	2,470	2,304	93.3	14,147	13,652	96.5

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	2012			2013			2014			2015			2016		
	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	150	0	33	127	0	27	154	1	19	102	0	19	47	1	6
Shoulder belt only used	64	0	30	30	0	2	17	0	2	15	0	1	38	0	6
Lap belt only used	32	0	2	48	0	6	40	0	4	64	0	5	63	0	6
Both lap & shoulder belts used	13,620	7	1,825	14,537	4	1,951	15,410	9	1,915	15,294	9	1,951	15,706	10	2,153
No belts used	149	9	62	120	3	59	121	6	46	149	3	71	122	6	54
Child restraint used	1	0	0	1	0	0	0	0	0	1	0	0	5	0	0
Child restraint not used, unavailable or improper use	2	0	1	0	0	0	1	0	0	1	0	0	0	0	0
Restraint failure	4	0	0	9	0	4	12	0	3	9	0	0	7	0	0
Restraint use unknown	847	1	111	824	5	89	951	2	66	956	1	68	1,686	4	73
Helmet worn	98	4	65	68	1	45	70	0	49	74	1	53	93	2	66
Helmet not worn	46	2	37	41	2	32	54	1	41	43	2	33	59	4	41
Helmet use unknown	11	0	7	9	0	3	6	2	2	18	1	5	16	0	8
Uncoded & errors	873	0	7	909	0	4	885	0	1	924	0	4	395	0	0
Total	15,897	23	2,180	16,723	15	2,222	17,721	21	2,148	17,650	17	2,210	18,237	27	2,413

5-Year Trend - Restraint Use Among Drivers Coded Drinking

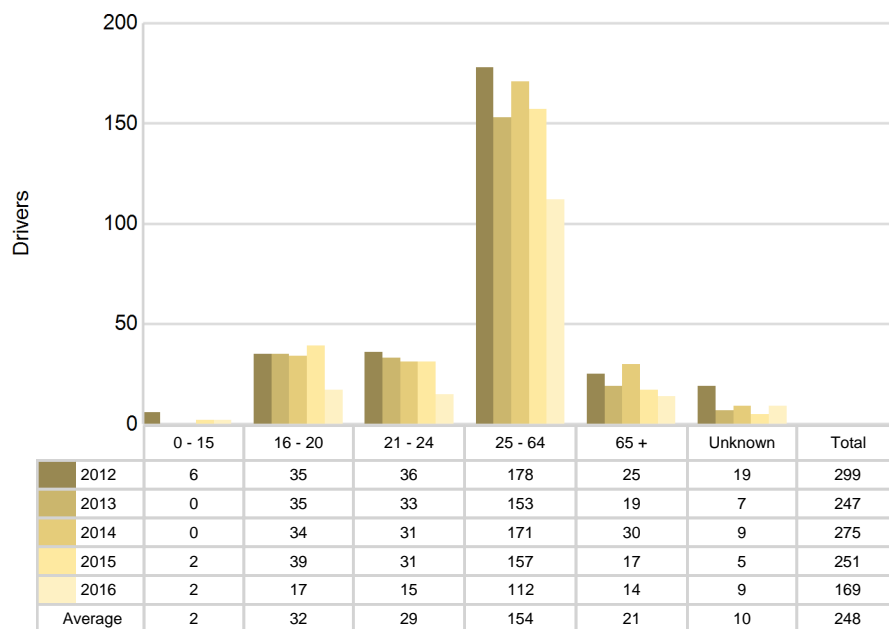
Restraint Use	2012			2013			2014			2015			2016		
	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers
No belts available	5	0	3	6	0	3	3	0	1	3	0	3	0	0	0
Shoulder belt only used	0	0	0	7	0	1	0	0	0	0	0	0	1	0	0
Lap belt only used	1	0	1	1	0	0	1	0	1	2	0	1	2	0	0
Both lap & shoulder belts used	263	1	65	280	0	97	262	0	83	251	2	75	220	2	67
No belts used	22	1	15	21	1	14	26	2	10	31	2	22	24	2	13
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	1	0	0	1	0	0
Restraint use unknown	50	1	19	74	2	22	69	1	19	41	0	14	42	2	10
Helmet worn	7	1	5	4	1	3	2	0	1	5	0	4	2	0	1
Helmet not worn	7	1	5	3	0	3	10	0	8	8	0	8	4	1	3
Helmet use unknown	1	0	1	1	0	1	0	0	0	1	0	1	0	0	0
Uncoded & errors	3	0	0	1	0	0	1	0	0	3	0	1	0	0	0
Total	359	5	114	398	4	144	374	3	123	346	4	129	296	7	94

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

Age Group	2012			2013			2014			2015			2016		
	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	6	0	2	0	0	0	0	0	0	2	0	2	2	0	0
16 - 20	35	1	16	35	0	14	34	1	9	39	0	13	17	0	7
21 - 24	36	0	14	33	0	10	31	0	10	31	0	14	15	0	7
25 - 64	178	6	58	153	3	57	171	5	42	157	3	54	112	5	44
65 +	25	2	3	19	0	5	30	1	4	17	0	5	14	2	2
Unknown	19	0	2	7	0	0	9	0	0	5	0	2	9	0	0
Total	299	9	95	247	3	86	275	7	65	251	3	90	169	7	60

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

5-Year Trend Driver Seatbelt Not Used

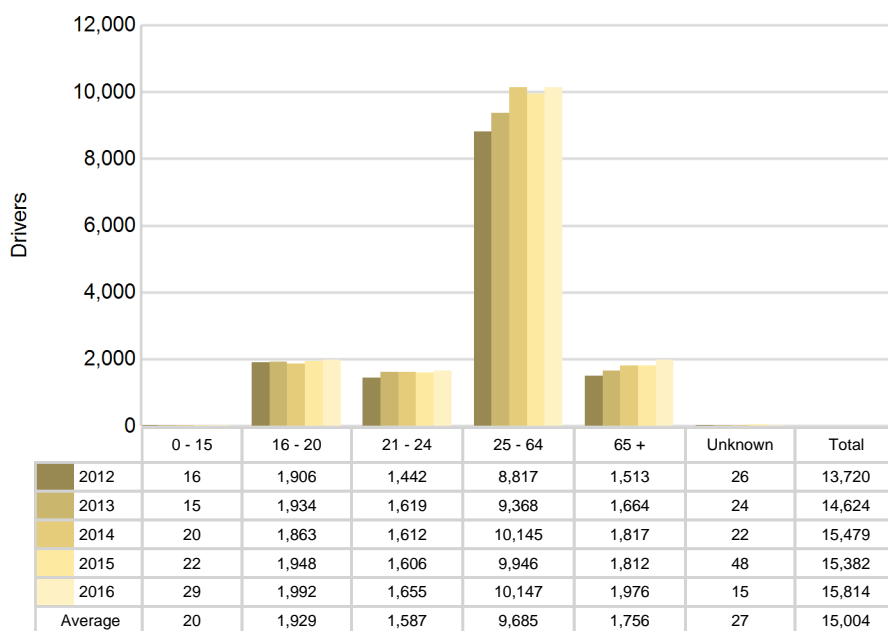


5-Year Trend - Seatbelt Used Among Drivers by Age

Age Group	2012			2013			2014			2015			2016		
	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	16	0	3	15	0	3	20	0	1	22	0	3	29	0	1
16 - 20	1,906	0	207	1,934	0	256	1,863	0	222	1,948	2	234	1,992	0	236
21 - 24	1,442	3	195	1,619	0	222	1,612	0	194	1,606	0	193	1,655	2	212
25 - 64	8,817	2	1,232	9,368	3	1,248	10,145	6	1,260	9,946	6	1,271	10,147	6	1,400
65 +	1,513	2	220	1,664	1	234	1,817	3	247	1,812	1	256	1,976	2	316
Unknown	26	0	0	24	0	0	22	0	0	48	0	0	15	0	0
Total	13,720	7	1,857	14,624	4	1,963	15,479	9	1,924	15,382	9	1,957	15,814	10	2,165

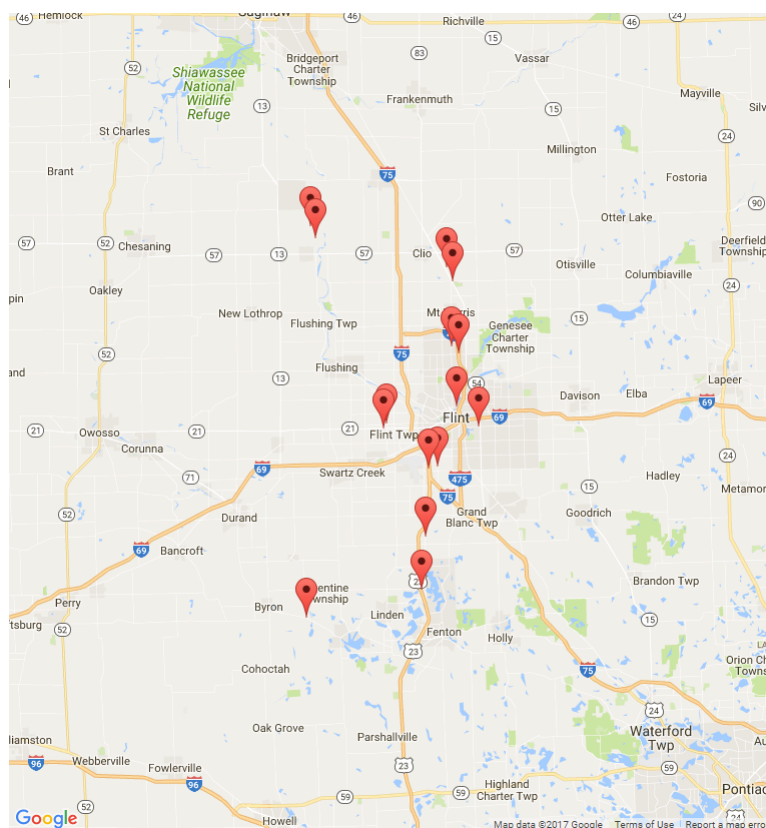
Note: Seatbelt Used includes shoulder belt only used, lap belt only used, both lap and shoulder belts used, and restraint failure.

5-Year Trend Driver Seatbelt Used



5-Year Trend - Drivers in Crashes by Hazardous Action

Hazardous Action	2012		2013		2014		2015		2016	
	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	7,824	20	8,217	19	8,702	28	8,865	21	9,018	28
Speed too fast	1,142	9	1,391	2	1,610	4	1,231	7	1,228	8
Speed too slow	20	0	15	0	10	0	16	1	14	0
Failed to yield	1,568	3	1,707	2	1,604	2	1,721	4	1,847	5
Disregard traffic control	561	4	546	1	583	2	614	3	581	1
Drove wrong way	17	0	12	1	23	1	20	0	18	1
Drove left of center	105	1	99	2	115	3	109	2	145	4
Improper passing	76	1	77	0	103	0	81	0	78	0
Improper lane use	292	0	308	1	358	0	340	0	391	0
Improper turn	189	0	195	0	190	0	250	0	208	1
Improper/no signal	31	0	31	0	36	0	19	0	25	0
Improper backing	243	0	245	0	254	0	262	0	274	1
Unable to stop in assured clear distance	2,081	3	2,043	1	2,308	2	2,310	1	2,428	1
Other	643	2	643	1	677	2	624	3	679	6
Unknown	435	6	409	8	445	5	447	1	718	8
Reckless driving	134	1	204	2	163	5	124	0	120	1
Careless/negligent driving	443	3	527	3	498	0	580	3	424	3
Uncoded & errors	93	0	54	0	42	0	37	0	41	0
Total	15,897	53	16,723	43	17,721	54	17,650	46	18,237	68



The picture above represents all 2016 alcohol-involved fatal crashes in Genesee County.

In 2016, there were 304 alcohol-involved crashes in Genesee County:

- 15 K - Fatal Crashes
- 25 A - Suspected Serious Injury Crashes
- 43 B - Suspected Minor Injury Crashes
- 56 C - Possible Injury Crashes
- 165 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

