



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

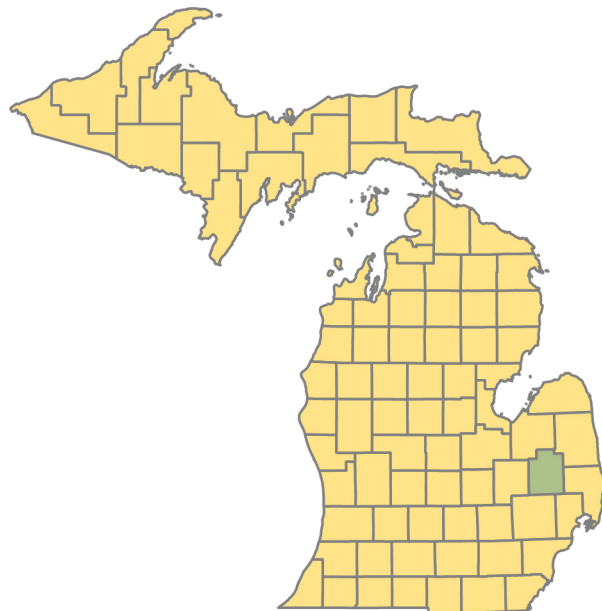
O = No Injury

Property Damage Only (PDO)



Lapeer County

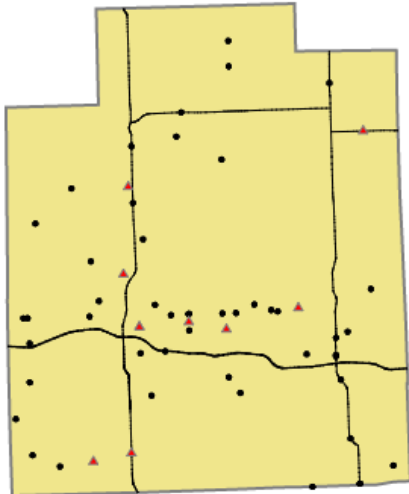
2016 Traffic Crash Data & 2012-2016 5-Year Trends



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.

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Crashes by most severe injury (mapped/actual)

- ▲ K - Fatal (10/10)
- A - Suspected Serious (48/48)

Lapeer County

In 2016:

There were 4,191 drivers involved in 3,018 motor vehicle crashes in Lapeer County. Of those crashes, 10 were classified as fatal, resulting in 11 fatalities. An additional 608 persons were injured.

Lapeer County experienced the highest number of motor vehicle crashes (359) in November, the highest number of fatal crashes (3) in September, and the highest number of persons killed (3) in January and September.

Michigan driver statistics indicate 7.3 percent of licensed drivers in Lapeer County were age 16-20, and 14.0 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	316	2	27	287	3	37
February	262	0	41	221	0	51
March	221	0	28	193	0	39
April	208	0	36	172	0	53
May	187	1	28	158	1	37
June	222	0	44	178	0	64
July	185	1	35	149	1	55
August	205	0	45	160	0	66
September	238	3	37	198	3	55
October	331	2	42	287	2	56
November	359	1	36	322	1	43
December	284	0	36	248	0	52
Total	3,018	10	435	2,573	11	608

2016 - Driver Statistics

Age Group	Statewide			Driver Rates	
	2016 Population	Licensed Drivers	Drivers in Crashes	Per 10k Population	Per 10k Licensed
0 - 15	16,321	593	7	4.3	118.0
16 - 20	5,690	5,080	586	1,029.9	1,153.5
21 - 24	4,168	4,257	381	914.1	895.0
25 - 64	47,114	45,236	2,692	571.4	595.1
65 +	15,047	13,989	403	267.8	288.1
Unknown	0	0	122	- -	- -
Total	88,340	69,155	4,191	474.4	606.0

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	2,986	71.2	10	71.4	506	2,470
Motor home	88	2.1	0	0.0	16	72
Pickup truck	887	21.2	1	7.1	142	744
Small truck under 10,000 lbs. GVWR	49	1.2	0	0.0	11	38
Motorcycle	25	0.6	1	7.1	19	5
Moped / goped	1	0.0	0	0.0	1	0
Go-cart / golf cart	0	0.0	0	0.0	0	0
Snowmobile	0	0.0	0	0.0	0	0
Off-Road Vehicle - ORV / All-Terrain Vehicle - ATV	5	0.1	1	7.1	4	0
Other	22	0.5	0	0.0	4	18
Truck/bus over 10,000 lbs.	87	2.1	1	7.1	15	71
Unknown	41	1.0	0	0.0	2	39
Total	4,191	100.0	14	100.0	720	3,457

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	295	1	283	1	295	0	322	0	316	2
February	270	0	235	1	209	1	241	0	262	0
March	160	0	228	0	211	0	192	2	221	0
April	160	0	164	2	188	0	155	0	208	0
May	187	2	210	2	229	0	213	2	187	1
June	191	0	194	0	198	0	195	0	222	0
July	176	0	185	0	184	0	203	0	185	1
August	143	0	171	2	155	2	150	3	205	0
September	193	0	190	1	203	2	232	0	238	3
October	300	2	275	1	326	3	325	0	331	2
November	329 †	0	375 †	0	344 †	1	441 †	1	359 †	1
December	312	0	294	0	218	1	260	0	284	0
Total	2,716	5	2,804	10	2,760	10	2,929	8	3,018	10

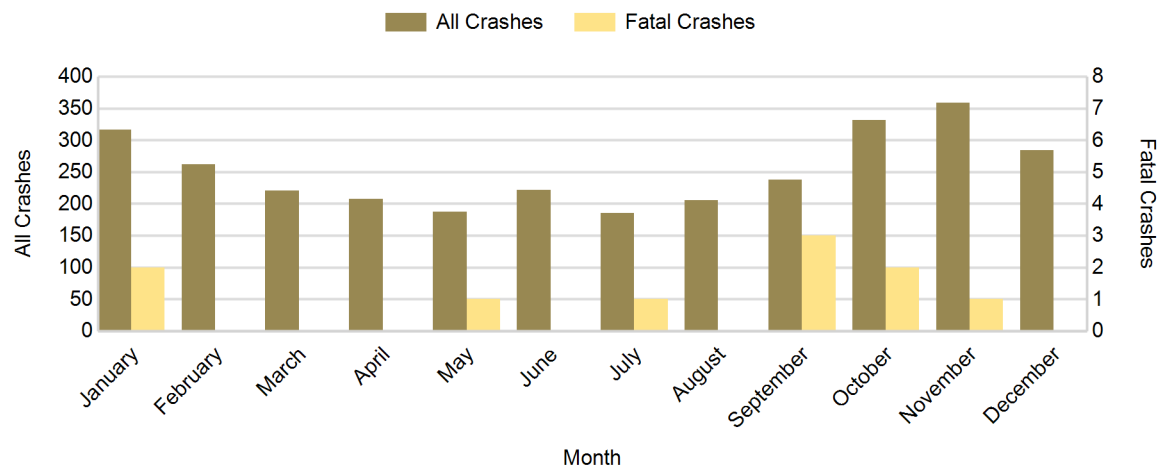
Note: † Indicates that the highest number of total crashes reported in the 5-year period occurred in the same month

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	371	1	365	2	378	1	385	1	401	4
Tuesday	400	0	400	2	371	2	422	0	485	0
Wednesday	350	0	420	1	441	2	460	1	478	0
Thursday	358	0	411	2	467	1	461	2	466	0
Friday	534	2	461	2	447	1	440	1	508	2
Saturday	391	1	423	1	361	1	445	3	356	2
Sunday	312	1	324	0	295	2	316	0	324	2
Total	2,716	5	2,804	10	2,760	10	2,929	8	3,018	10

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

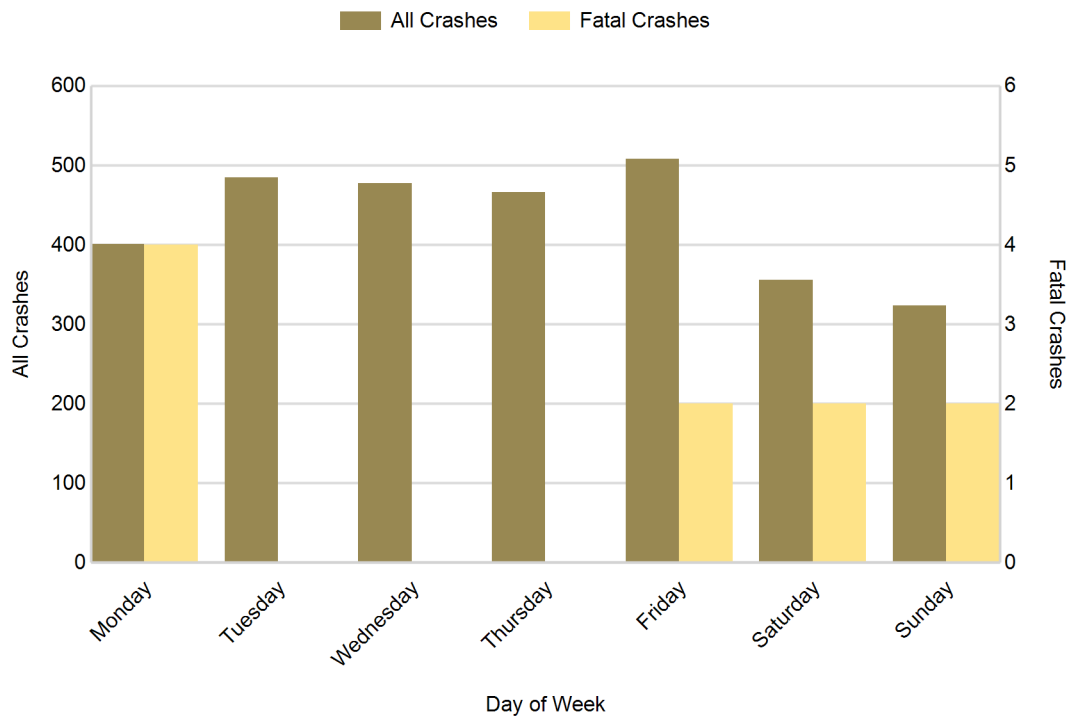
2016 Crashes by Month



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	401	13.3	4	40.0	6	24	16	351
Tuesday	485	16.1	0	0.0	5	17	35	428
Wednesday	478	15.8	0	0.0	7	15	24	432
Thursday	466	15.4	0	0.0	10	32	42	382
Friday	508	16.8	2	20.0	9	21	50	426
Saturday	356	11.8	2	20.0	4	31	26	293
Sunday	324	10.7	2	20.0	7	20	34	261
Total	3,018	100.0	10	100.0	48	160	227	2,573

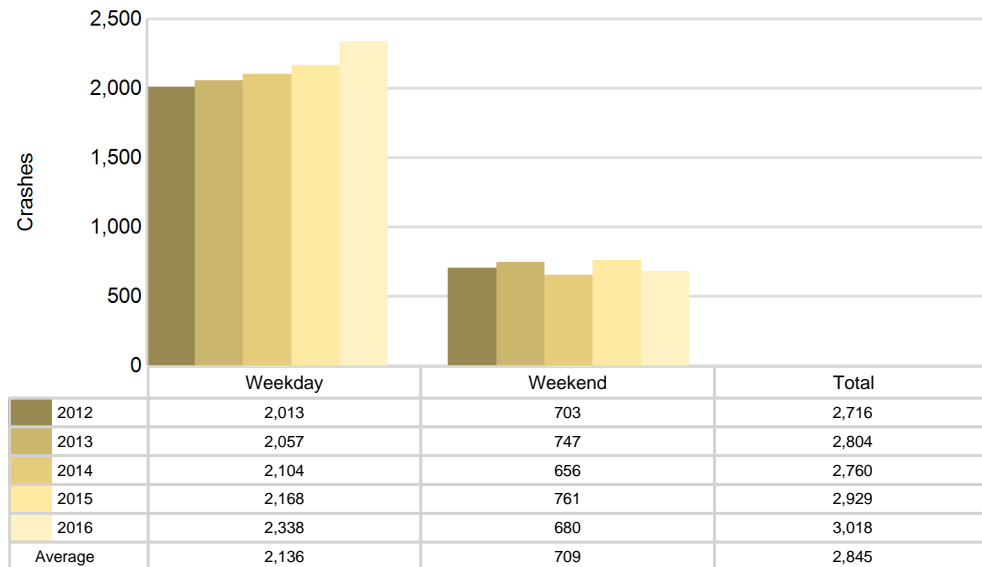
2016 Day of Week and Severity



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	2,013	3	2,057	9	2,104	7	2,168	5	2,338	6
Weekend	703	2	747	1	656	3	761	3	680	4
Total	2,716	5	2,804	10	2,760	10	2,929	8	3,018	10

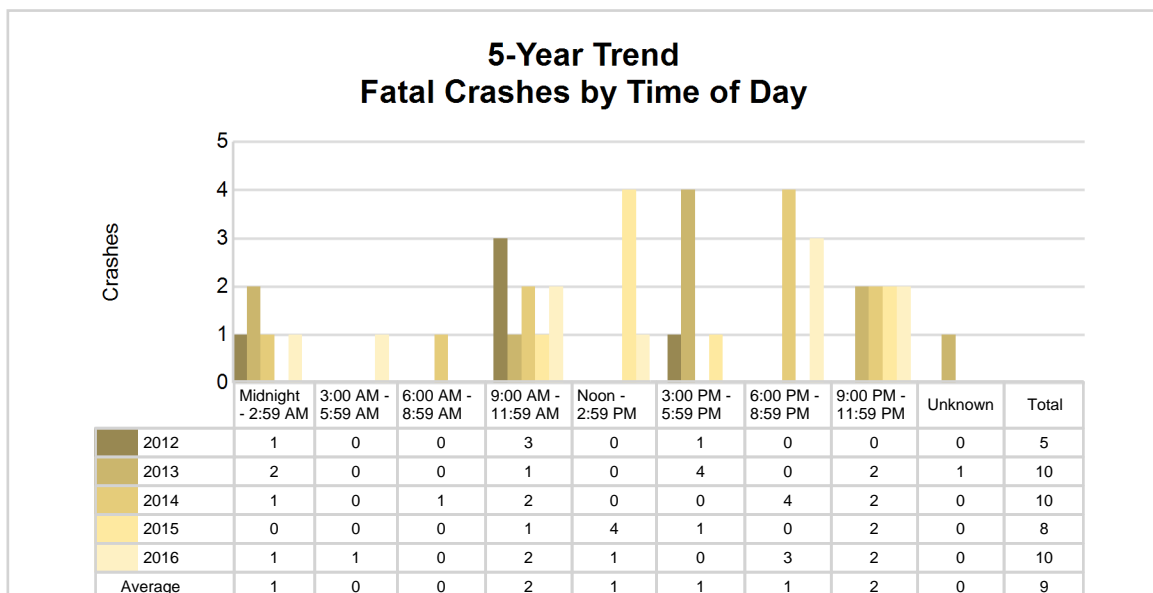
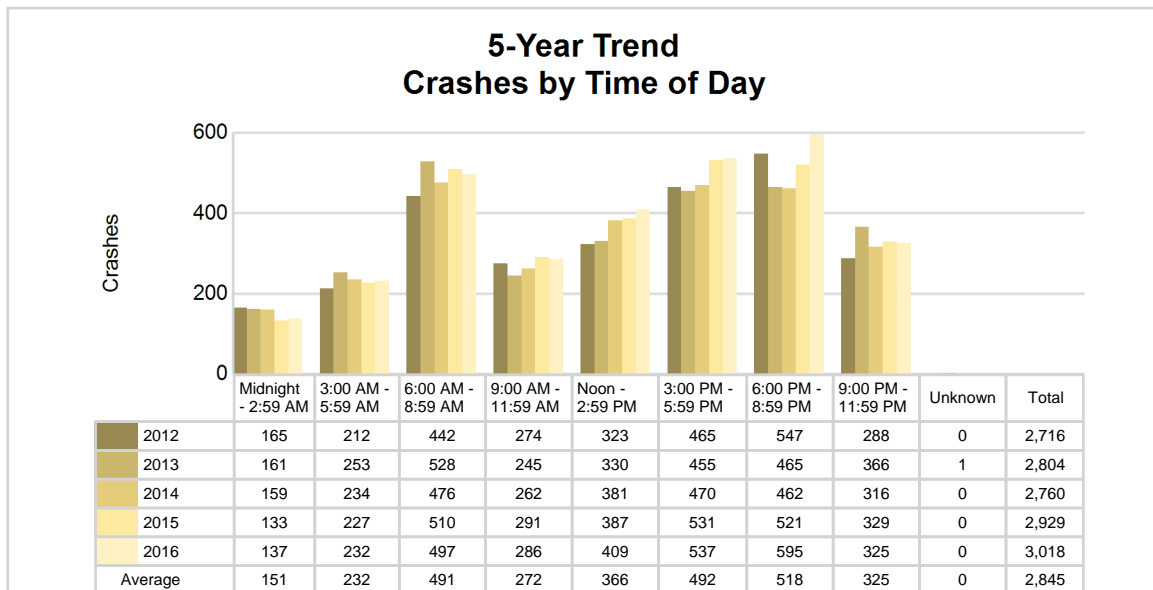
5-Year Crash Trends by Weekday (Monday - Friday) and Weekend (Saturday & Sunday)



5-Year Trend - Crashes by Time of Day

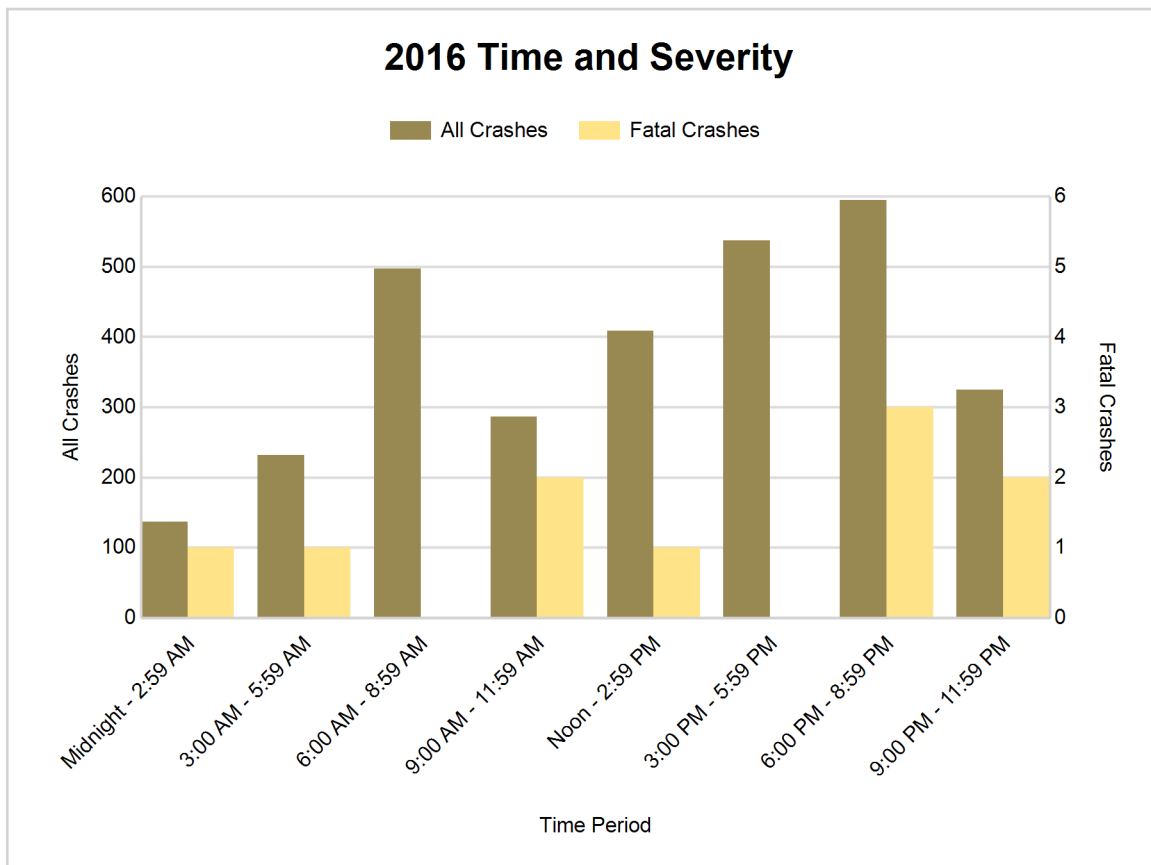
Time of Day	2012		2013		2014		2015		2016	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Midnight - 2:59 AM	165	1	161	2	159	1	133	0	137	1
3:00 AM - 5:59 AM	212	0	253	0	234	0	227	0	232	1
6:00 AM - 8:59 AM	442	0	528	0	476	1	510	0	497	0
9:00 AM - 11:59 AM	274	3	245	1	262	2	291	1	286	2
Noon - 2:59 PM	323	0	330	0	381	0	387	4	409	1
3:00 PM - 5:59 PM	465	1	455	4	470	0	531	1	537	0
6:00 PM - 8:59 PM	547	0	465	0	462	4	521	0	595	3
9:00 PM - 11:59 PM	288	0	366	2	316	2	329	2	325	2
Unknown	0	0	1	1	0	0	0	0	0	0
Total	2,716	5	2,804	10	2,760	10	2,929	8	3,018	10

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

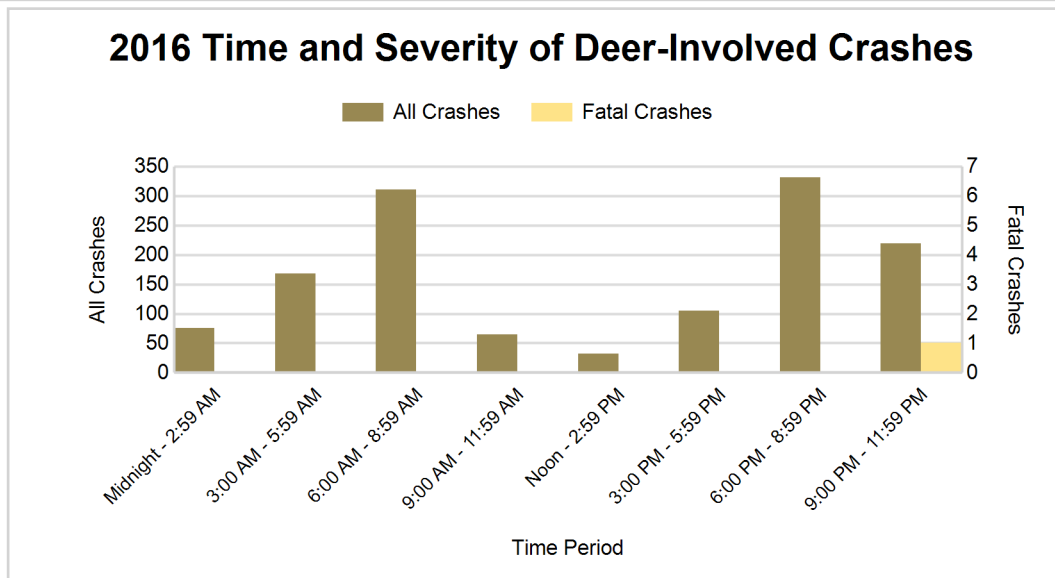
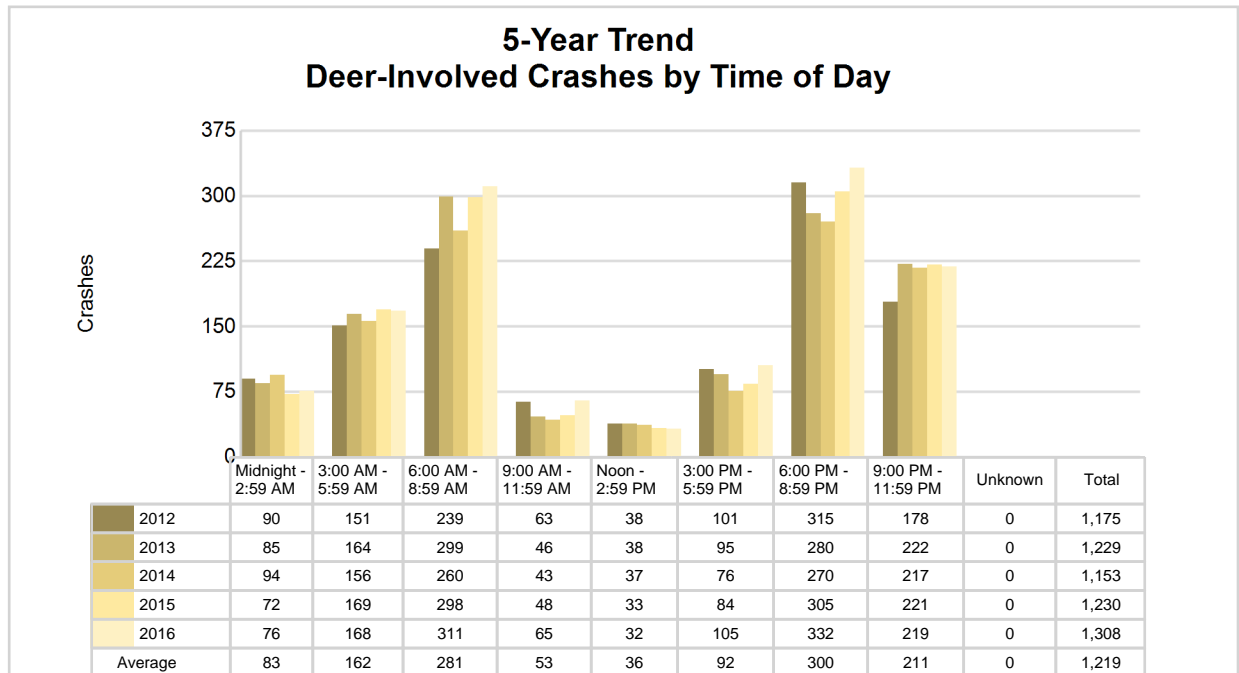
Time of Day	All Crashes		Fatal Crashes		Injury Crashes			PDO Crashes
	Number	% of Total	Number	% of Fatal	A	B	C	Number
Midnight - 2:59 AM	137	4.5	1	10.0	3	7	12	114
3:00 AM - 5:59 AM	232	7.7	1	10.0	3	8	11	209
6:00 AM - 8:59 AM	497	16.5	0	0.0	2	15	25	455
9:00 AM - 11:59 AM	286	9.5	2	20.0	1	16	16	251
Noon - 2:59 PM	409	13.6	1	10.0	6	27	54	321
3:00 PM - 5:59 PM	537	17.8	0	0.0	16	39	57	425
6:00 PM - 8:59 PM	595	19.7	3	30.0	13	29	34	516
9:00 PM - 11:59 PM	325	10.8	2	20.0	4	19	18	282
Unknown	0	0.0	0	0.0	0	0	0	0
Total	3,018	100.0	10	100.0	48	160	227	2,573



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	90	0	85	0	94	0	72	0	76	0
3:00 AM - 5:59 AM	151	0	164	0	156	0	169	0	168	0
6:00 AM - 8:59 AM	239	0	299	0	260	0	298	0	311	0
9:00 AM - 11:59 AM	63	0	46	0	43	0	48	0	65	0
Noon - 2:59 PM	38	0	38	0	37	0	33	0	32	0
3:00 PM - 5:59 PM	101	0	95	0	76	0	84	0	105	0
6:00 PM - 8:59 PM	315	0	280	0	270	0	305	0	332	0
9:00 PM - 11:59 PM	178	0	222	0	217	0	221	0	219	1
Unknown	0	0	0	0	0	0	0	0	0	0
Total	1,175	0	1,229	0	1,153	0	1,230	0	1,308	1

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



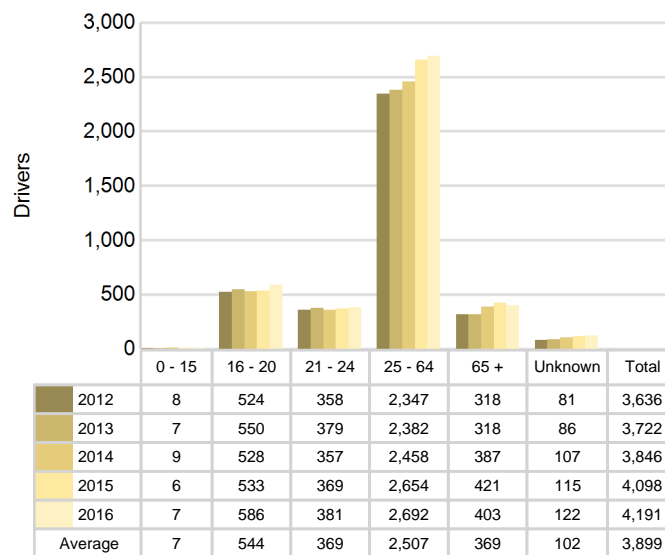
2016 - Reported Motor Vehicle Crashes by Municipality

Municipality	Crashes											Persons	
	Total	Fatal	Injury	Property Damage	Inter-state	US Route	State Route	Local Street	Alcohol-Involved	Drug-Involved	Deer-Involved	Fatalities	Injuries
Almont	49	0	4	45	0	0	39	10	0	0	5	0	4
Almont Twp.	193	0	37	156	0	0	97	95	8	3	75	0	62
Arcadia Twp.	67	0	9	58	0	0	0	67	1	0	44	0	11
Attica Twp.	164	2	28	134	33	0	0	131	8	1	86	2	49
Brown City	0	0	0	0	0	0	0	0	0	0	0	0	0
Burlington Twp.	47	0	8	39	0	0	0	47	3	0	32	0	11
Burnside Twp.	102	1	10	91	0	0	70	32	1	0	70	1	14
Clifford	7	0	1	6	0	0	0	7	2	0	1	0	1
Columbiaville	3	0	0	3	0	0	0	3	0	0	0	0	0
Deerfield Twp.	151	1	28	122	0	0	87	64	5	0	61	2	42
Dryden	6	0	0	6	0	0	0	6	0	0	1	0	0
Dryden Twp.	115	0	13	102	0	0	0	115	4	0	61	0	13
Elba Twp.	164	0	21	143	49	0	0	115	8	2	79	0	29
Goodland Twp.	72	0	6	66	0	0	33	39	1	0	49	0	8
Hadley Twp.	82	1	15	66	0	0	0	82	3	0	43	1	19
Imlay City	109	0	15	94	1	0	77	31	2	0	7	0	22
Imlay Twp.	158	0	21	137	27	0	40	91	2	0	93	0	33
Lapeer	452	0	66	386	28	0	191	232	7	4	37	0	89
Lapeer Twp.	253	3	33	217	68	0	37	148	9	4	141	3	44
Marathon Twp.	87	0	11	76	0	0	0	87	8	2	54	0	13
Mayfield Twp.	189	1	44	144	0	0	63	126	12	3	78	1	59
Metamora	5	0	1	4	0	0	0	5	0	0	2	0	1
Metamora Twp.	204	1	24	179	0	0	109	95	8	3	91	1	38
North Branch	18	0	2	16	0	0	10	8	1	0	5	0	2
North Branch Twp.	93	0	10	83	0	0	15	77	2	0	57	0	10
Oregon Twp.	151	0	18	133	0	0	0	151	7	1	84	0	24
Otter Lake	3	0	1	2	0	0	0	3	0	0	0	0	1
Rich Twp.	74	0	9	65	0	0	35	39	1	0	52	0	9
Unknown Community	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	3,018	10	435	2,573	206	0	903	1,906	103	23	1,308	11	608

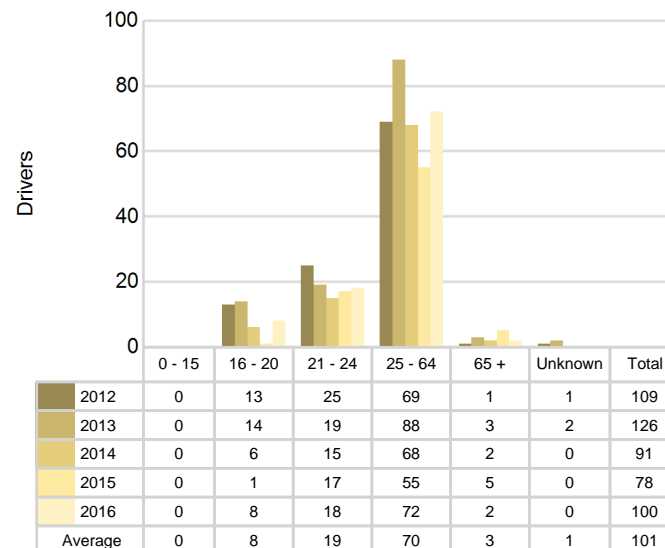
5-Year Trend - Drivers in Crashes Coded Drinking by Driver Age

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	8	0	7	0	9	0	6	0	7	0
16 - 20	524	13	550	14	528	6	533	1	586	8
21 - 24	358	25	379	19	357	15	369	17	381	18
25 - 64	2,347	69	2,382	88	2,458	68	2,654	55	2,692	72
65 +	318	1	318	3	387	2	421	5	403	2
Unknown	81	1	86	2	107	0	115	0	122	0
Total	3,636	109	3,722	126	3,846	91	4,098	78	4,191	100

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	12	12	8	8	1	2	2	2	1
21 - 24	20	13	12	18	2	0	6	3	7
25 - 64	90	69	58	72	1	4	17	13	37
65 +	4	2	2	2	0	0	1	0	1
Unknown	1	0	0	0	0	0	0	0	0
Total	127	96	80	100	4	6	26	18	46

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 127 drivers in alcohol-involved crashes; 100 (78.7%) of those drivers were coded as had-been-drinking by the officer on the crash form.

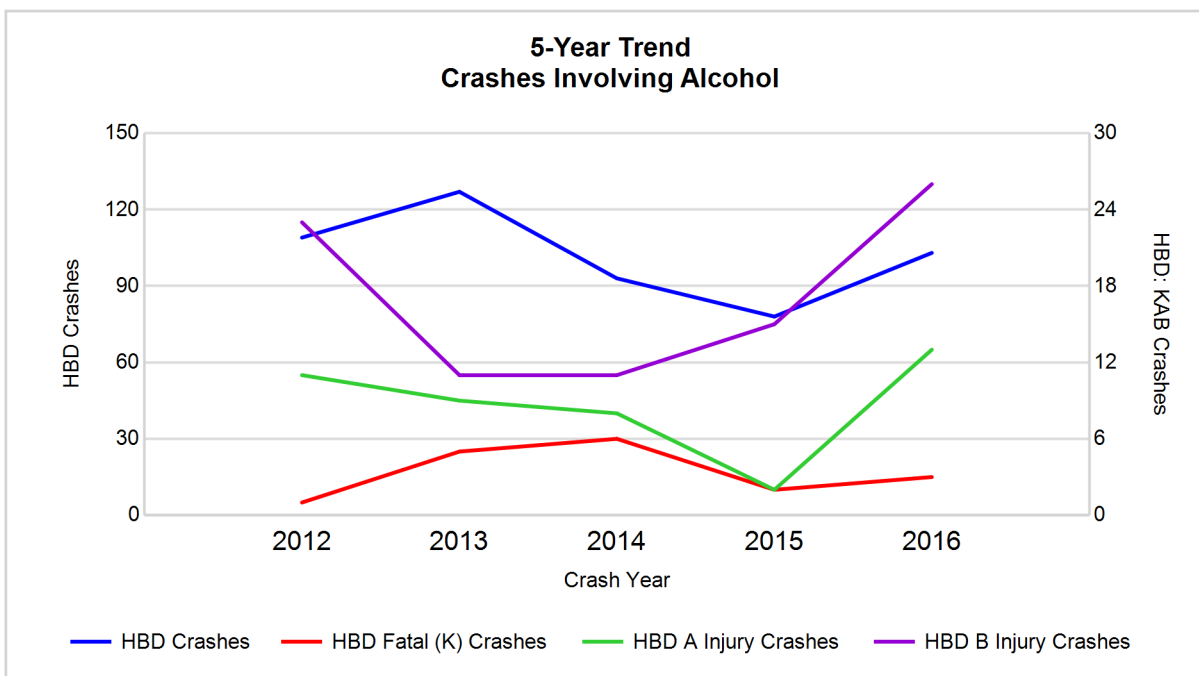
- 44 (44.0%) of the 100 drivers had a blood alcohol concentration (BAC) of 0.08 g/dL (grams per deciliter) or greater, and 18 (40.9%) of the 44 drivers had a BAC at or above 0.17 g/dL.
- 80 (80.0%) of the 100 drivers were coded as had-been-drinking and were tested for alcohol consumption.

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	2,716	109	4.0	5	1	20.0	52	11	21.2	111	23	20.7
2013	2,804	127	4.5	10	5	50.0	36	9	25.0	96	11	11.5
2014	2,760	93	3.4	10	6	60.0	40	8	20.0	99	11	11.1
2015	2,929	78	2.7	8	2	25.0	34	2	5.9	131	15	11.5
2016	3,018**	103	3.4	10	3	30.0	48	13**	27.1**	160**	26**	16.3

Note: * Indicates that the most recent year is the lowest number or percentage reported in the 5-year period in that column

** Indicates that the most recent year is the highest number or percentage reported in the 5-year period in that column



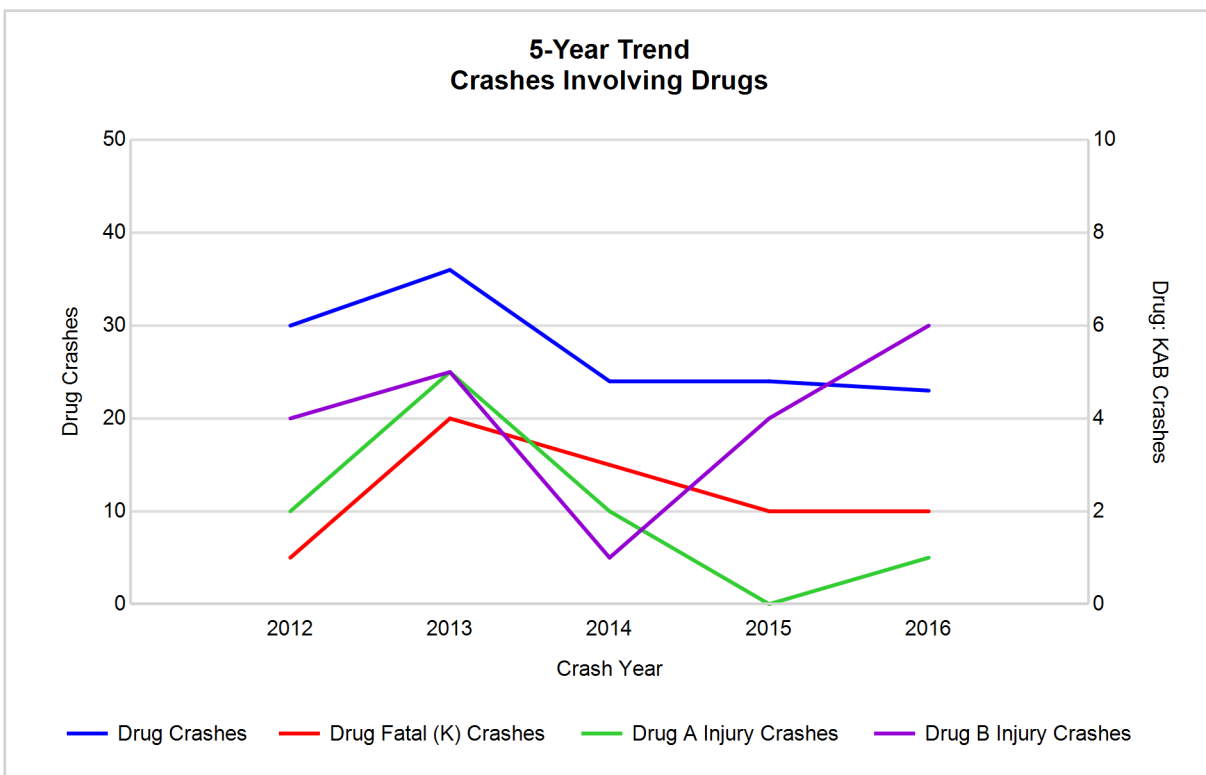
Note: Had-Been-Drinking (HBD)

5-Year Trend - Crashes Involving Drugs

Year	All Crashes	Drug Crashes	% Drug	Fatal Crashes	Drug Fatal Crashes	% Drug	A Injury Crashes	Drug A Injury Crashes	% Drug	B Injury Crashes	Drug B Injury Crashes	% Drug
2012	2,716	30	1.1	5	1	20.0	52	2	3.8	111	4	3.6
2013	2,804	36	1.3	10	4	40.0	36	5	13.9	96	5	5.2
2014	2,760	24	0.9	10	3	30.0	40	2	5.0	99	1	1.0
2015	2,929	24	0.8	8	2	25.0	34	0	0.0	131	4	3.1
2016	3,018**	23*	0.8	10	2	20.0	48	1	2.1	160**	6**	3.8

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

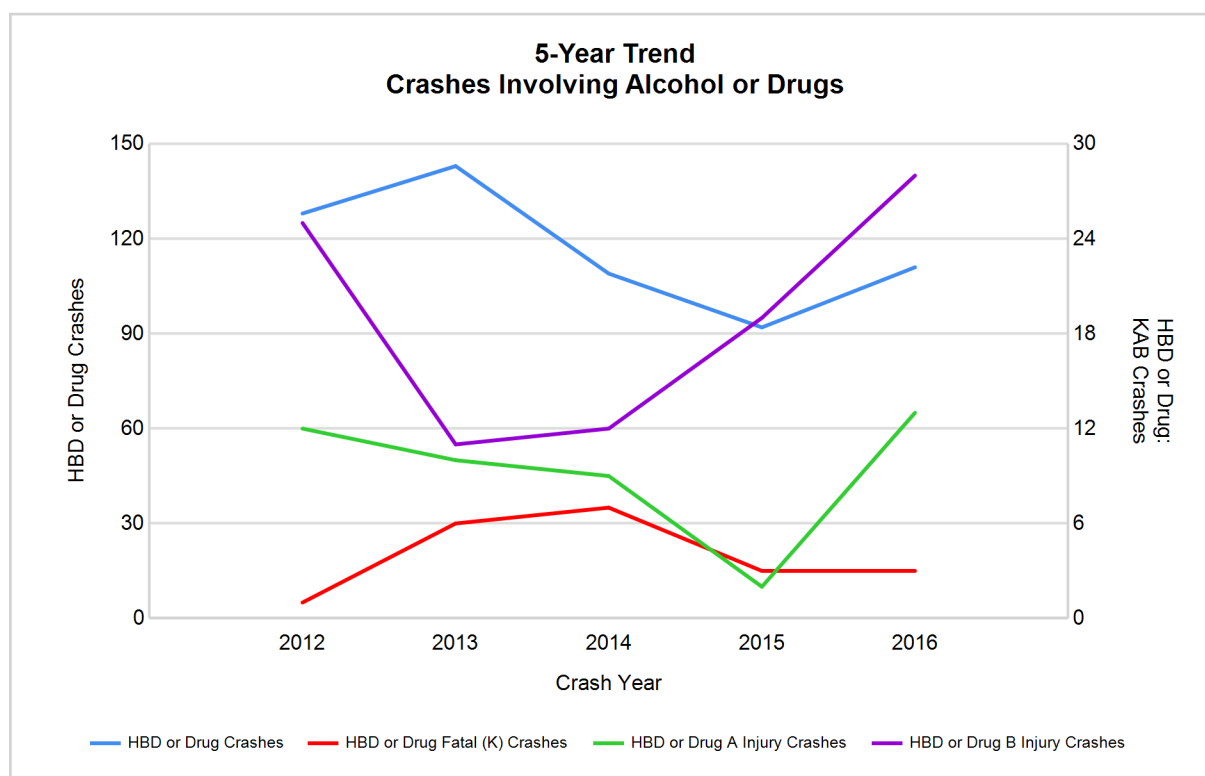


5-Year Trend - Crashes Involving Alcohol or Drugs

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	2,716	128	4.7	5	1	20.0	52	12	23.1	111	25	22.5
2013	2,804	143	5.1	10	6	60.0	36	10	27.8	96	11	11.5
2014	2,760	109	3.9	10	7	70.0	40	9	22.5	99	12	12.1
2015	2,929	92	3.1	8	3	37.5	34	2	5.9	131	19	14.5
2016	3,018**	111	3.7	10	3	30.0	48	13**	27.1	160**	28**	17.5

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	3,075	2,957	96.2	6	5	83.3	37	29	78.4	163	146	89.6	239	236	98.7	2,573	2,541	98.8
Motor home	89	83	93.3	0	0	0.0	0	0	0.0	3	3	100.0	4	3	75.0	78	77	98.7
Pickup truck	911	873	95.8	1	0	0.0	3	2	66.7	37	32	86.5	62	59	95.2	792	780	98.5
Small truck under 10,000 lbs. GVWR	50	48	96.0	0	0	0.0	0	0	0.0	2	2	100.0	7	7	100.0	39	39	100.0
Motorcycle	29	18	62.1	1	0	0.0	10	6	60.0	10	8	80.0	3	2	66.7	3	2	66.7
Moped / goped	1	0	0.0	0	0	0.0	0	0	0.0	1	0	0.0	0	0	0.0	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	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	6	2	33.3	1	0	0.0	3	1	33.3	1	1	100.0	1	0	0.0	0	0	0.0
Other	22	11	50.0	0	0	0.0	0	0	0.0	1	0	0.0	0	0	0.0	19	11	57.9
Truck/bus over 10,000 lbs.	87	83	95.4	0	0	0.0	0	0	0.0	2	2	100.0	6	6	100.0	77	75	97.4
Unknown	41	1	2.4	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	1	1	100.0
Total	4,311	4,076	94.5	9	5	0.0	53	38	71.7	220	194	88.2	322	313	97.2	3,582	3,526	98.4

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	50	47	94.0	0	0	0.0	3	1	33.3	12	12	100.0	30	29	96.7	5	5	100.0
16 - 20	608	592	97.4	0	0	0.0	5	4	80.0	47	41	87.2	50	47	94.0	505	500	99.0
21 - 24	390	370	94.9	1	0	0.0	4	3	75.0	22	15	68.2	25	24	96.0	337	328	97.3
25 - 64	2,732	2,666	97.6	6	3	50.0	38	29	76.3	116	104	89.7	192	189	98.4	2,375	2,341	98.6
65 +	409	401	98.0	2	2	100.0	3	1	33.3	23	22	95.7	25	24	96.0	356	352	98.9
Unknown	122	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	4	0	0.0
Total	4,311	4,076	94.5	9	5	0.0	53	38	71.7	220	194	88.2	322	313	97.2	3,582	3,526	98.4

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	34	0	2	31	0	2	32	0	2	18	0	5	6	0	1
Shoulder belt only used	3	0	0	1	0	0	1	0	0	1	0	0	6	0	0
Lap belt only used	7	0	0	8	0	0	21	0	4	14	0	5	4	0	0
Both lap & shoulder belts used	3,377	4	340	3,445	3	347	3,566	3	328	3,808	2	360	3,942	4	424
No belts used	40	0	25	45	3	14	34	1	16	25	0	13	33	1	21
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	3	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Restraint use unknown	60	1	12	70	0	11	49	0	7	102	0	10	155	1	6
Helmet worn	25	0	22	21	1	11	21	0	16	27	2	21	17	0	15
Helmet not worn	10	0	10	13	0	11	16	3	9	12	0	8	11	2	9
Helmet use unknown	1	0	1	0	0	0	4	0	1	4	0	1	1	0	0
Uncoded & errors	76	0	0	88	0	0	101	0	0	87	0	0	16	0	0
Total	3,636	5	412	3,722	7	396	3,846	7	383	4,098	4	423	4,191	8	476

5-Year Trend - Restraint Use Among Drivers Coded Drinking

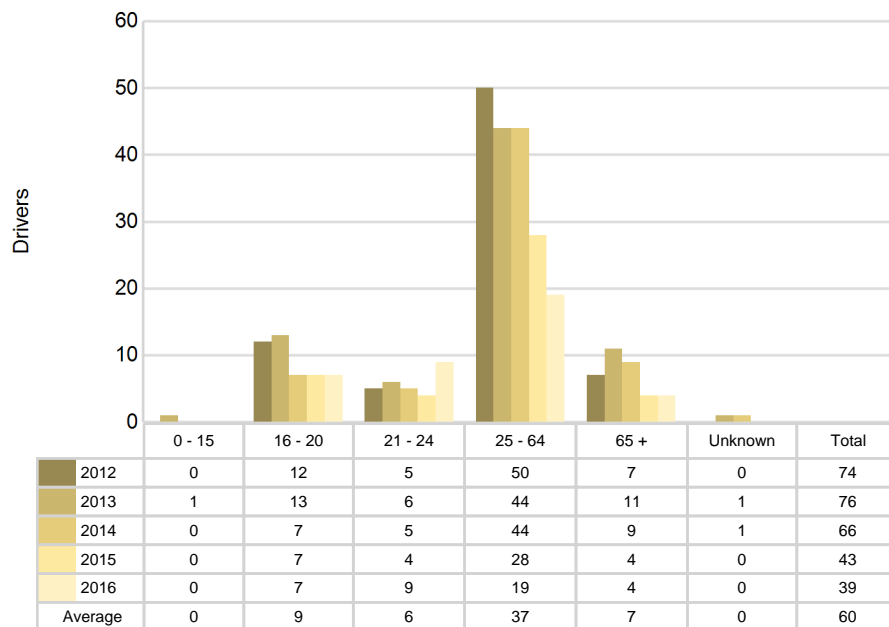
Restraint Use	2012			2013			2014			2015			2016		
	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers
No belts available	0	0	0	0	0	0	1	0	1	2	0	2	0	0	0
Shoulder belt only used	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lap belt only used	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0
Both lap & shoulder belts used	72	1	28	89	0	20	60	1	21	56	1	13	70	0	30
No belts used	14	0	13	13	3	4	7	1	6	2	0	1	14	1	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	0	0	0	0	0	0
Restraint use unknown	21	0	6	22	0	3	18	0	5	15	0	3	10	0	4
Helmet worn	0	0	0	0	0	0	1	0	1	2	1	1	1	0	1
Helmet not worn	1	0	1	1	0	1	3	2	1	1	0	1	4	0	4
Helmet use unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Uncoded & errors	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Total	109	1	48	126	3	28	91	4	35	78	2	21	100	1	51

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	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
16 - 20	12	0	3	13	0	4	7	0	3	7	0	6	7	0	5
21 - 24	5	0	3	6	0	1	5	0	1	4	0	0	9	1	5
25 - 64	50	0	19	44	3	8	44	1	12	28	0	10	19	0	9
65 +	7	0	2	11	0	3	9	0	2	4	0	2	4	0	3
Unknown	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
Total	74	0	27	76	3	16	66	1	18	43	0	18	39	1	22

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

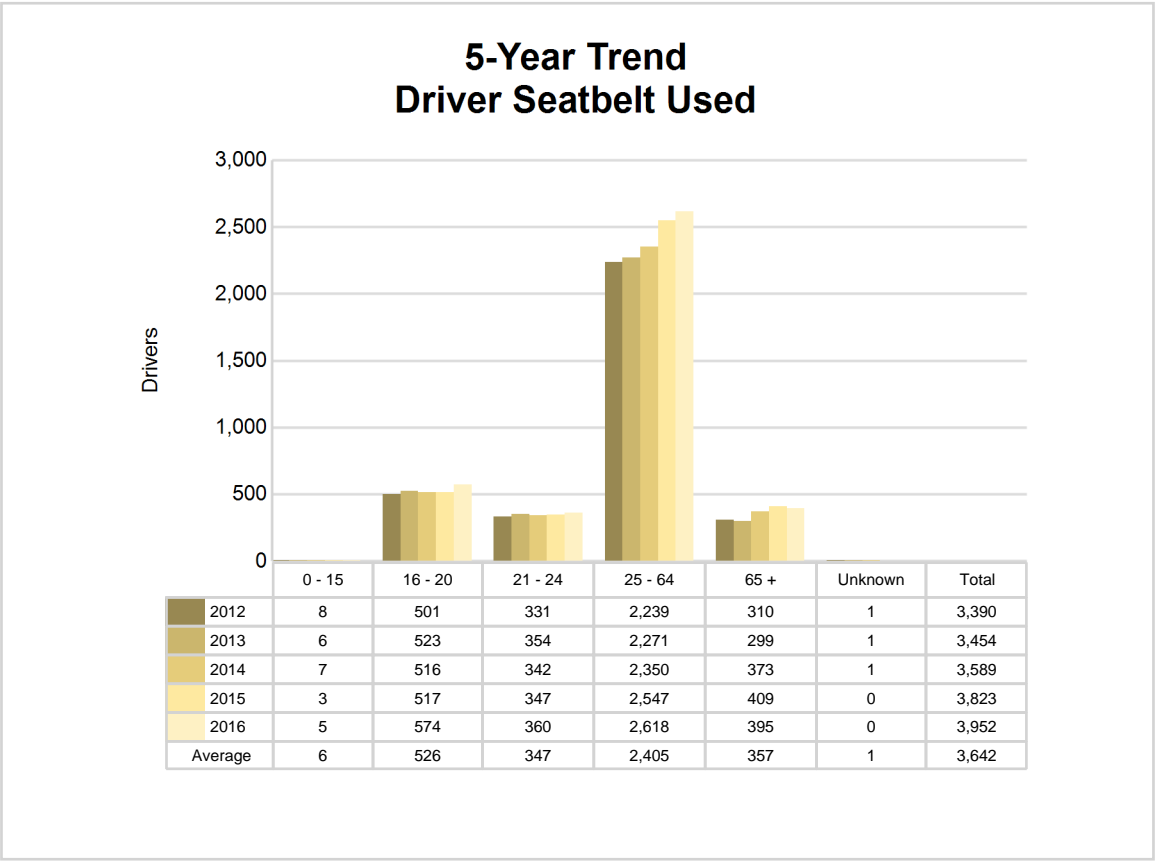
5-Year Trend Driver Seatbelt Not Used



5-Year Trend - Seatbelt Used Among Drivers by Age

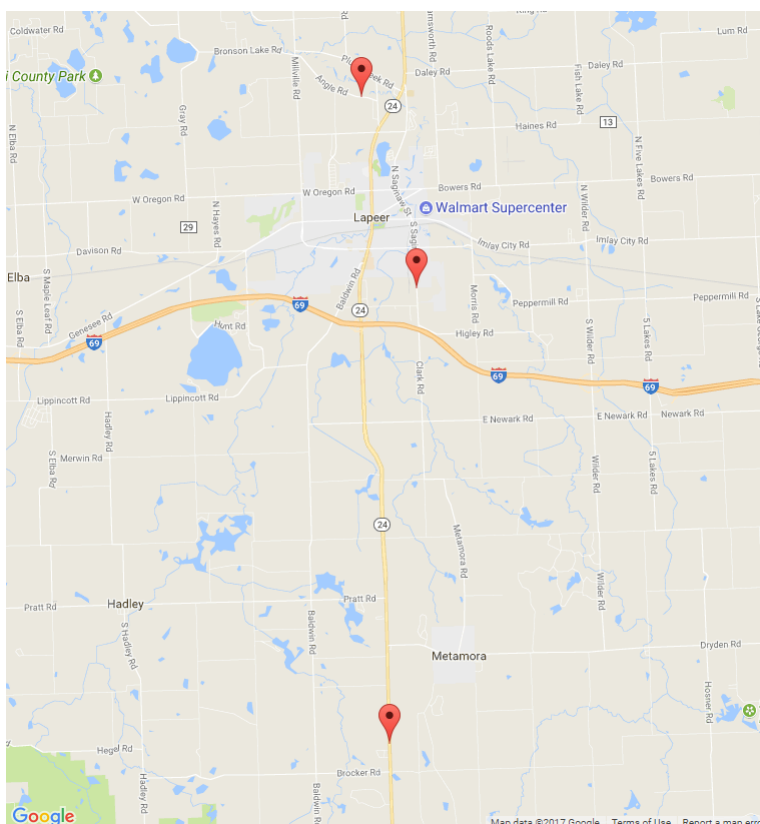
Age Group	2012			2013			2014			2015			2016		
	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers
0 - 15	8	0	2	6	0	2	7	0	1	3	0	0	5	0	0
16 - 20	501	1	75	523	0	54	516	0	49	517	0	52	574	0	74
21 - 24	331	0	33	354	0	32	342	0	41	347	0	31	360	0	33
25 - 64	2,239	2	206	2,271	3	218	2,350	2	199	2,547	1	235	2,618	3	275
65 +	310	1	24	299	0	40	373	1	42	409	1	47	395	1	42
Unknown	1	0	0	1	0	1	1	0	0	0	0	0	0	0	0
Total	3,390	4	340	3,454	3	347	3,589	3	332	3,823	2	365	3,952	4	424

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	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	2,205	3	2,286	5	2,334	5	2,500	9	2,556	6
Speed too fast	351	1	391	2	303	2	371	0	289	2
Speed too slow	4	0	5	0	3	0	3	0	2	0
Failed to yield	258	1	246	3	299	2	321	2	285	0
Disregard traffic control	36	0	44	1	45	0	40	0	45	1
Drove wrong way	2	0	3	0	3	1	2	0	1	0
Drove left of center	21	0	18	0	20	0	29	0	39	1
Improper passing	22	0	16	0	15	0	13	0	23	0
Improper lane use	31	1	34	0	55	0	52	0	60	0
Improper turn	13	0	17	0	21	0	23	0	21	0
Improper/no signal	2	0	6	0	10	0	5	0	3	0
Improper backing	44	0	26	0	40	0	40	0	50	0
Unable to stop in assured clear distance	329	0	322	0	380	1	402	3	442	0
Other	128	2	146	1	159	4	119	0	135	1
Unknown	42	0	34	1	60	0	82	1	136	2
Reckless driving	26	1	25	1	9	1	19	1	10	0
Careless/negligent driving	119	0	100	0	90	0	68	0	63	1
Uncoded & errors	3	0	3	0	0	0	9	0	31	0
Total	3,636	9	3,722	14	3,846	16	4,098	16	4,191	14



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

In 2016, there were 103 alcohol-involved crashes in Lapeer County:

- 3 K - Fatal Crashes
- 13 A - Suspected Serious Injury Crashes
- 26 B - Suspected Minor Injury Crashes
- 17 C - Possible Injury Crashes
- 44 O - Property Damage Only/No Injury Crashes

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