MICHIGAN

OHSP

Office of Highway Safety Planning

2017

MTCF
Michigan Traffic Crash Facts

Michigan Traffic Crash Facts

Lapeer County

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

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
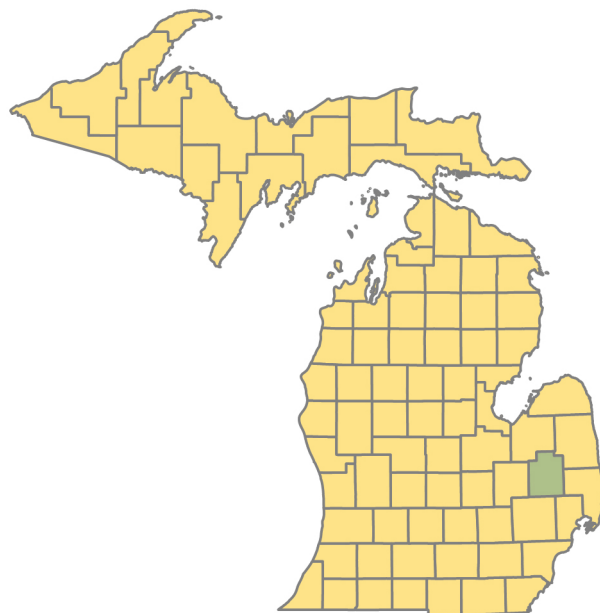B = Suspected Minor Injury
C = Possible Injury
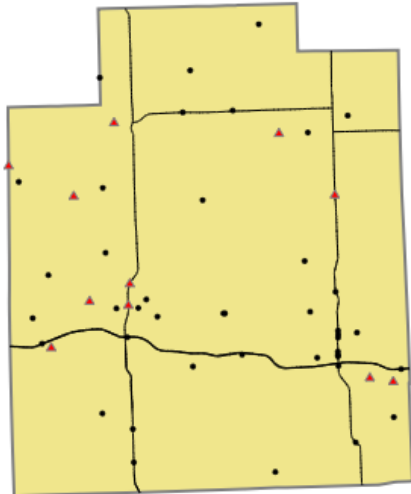O = No Injury
    Property Damage Only (PDO)

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Lapeer County

Crashes by most severe injury (mapped/actual)

▲ K - Fatal (11/11)
● A - Suspected Serious (42/42)

Lapeer County

In 2017:

There were 4,033 drivers involved in 2,875 motor vehicle crashes in Lapeer County. Of those crashes, 11 were classified as fatal, resulting in 11 fatalities. An additional 594 persons were injured.

Lapeer County experienced the highest number of motor vehicle crashes (366) in October, the highest number of fatal crashes (2) and the highest number of persons killed (2) in June, October, and December.

Michigan driver statistics indicate 7.3 percent of licensed drivers in Lapeer County were age 16-20, and 13.5 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	276	1	50	225	1	69
February	195	0	22	173	0	29
March	203	0	20	183	0	32
April	169	1	26	142	1	34
May	209	0	37	172	0	59
June	216	2	34	180	2	49
July	181	1	34	146	1	50
August	194	1	42	151	1	50
September	198	0	36	162	0	59
October	366	2	43	321	2	66
November	330	1	33	296	1	37
December	338	2	46	290	2	60
Total	2,875	11	423	2,441	11	594

2017 - Driver Statistics

Age Group	Lapeer County			Driver Rates	
	2017 Population	Licensed Drivers	Drivers in Crashes	Per 10k Population	Per 10k Licensed
0 - 15	16,064	555	8	5.0	144.1
16 - 20	5,567	5,030	543	975.4	1,079.5
21 - 24	4,197	4,252	354	843.5	832.5
25 - 64	46,922	44,975	2,611	556.5	580.5
65 +	15,424	14,434	418	271.0	289.6
Unknown	0	0	99	- -	- -
Total	88,174	69,246	4,033	457.4	582.4

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	2,970	73.6	7	50.0	525	2,438
Motor home	4	0.1	0	0.0	1	3
Pickup truck	843	20.9	5	35.7	136	702
Small truck under 10,000 lbs. GVWR	53	1.3	0	0.0	11	42
Motorcycle	23	0.6	2	14.3	16	5
Moped / goped	1	0.0	0	0.0	1	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	4	0.1	0	0.0	4	0
Other	16	0.4	0	0.0	3	13
Truck/bus over 10,000 lbs.	90	2.2	0	0.0	11	79
Unknown	28	0.7	0	0.0	4	24
Total	4,033	100.0	14	100.0	713	3,306

5-Year Trend - Crashes by Month

Month	2013 Total Crashes	2013 Fatal Crashes	2014 Total Crashes	2014 Fatal Crashes	2015 Total Crashes	2015 Fatal Crashes	2016 Total Crashes	2016 Fatal Crashes	2017 Total Crashes	2017 Fatal Crashes
January	283	1	295	0	322	0	316	2	276	1
February	235	1	209	1	241	0	262	0	195	0
March	228	0	211	0	192	2	221	0	203	0
April	164	2	188	0	155	0	208	0	169	1
May	210	2	229	0	213	2	187	1	209	0
June	194	0	198	0	195	0	222	0	216	2
July	185	0	184	0	203	0	185	1	181	1
August	171	2	155	2	150	3	205	0	194	1
September	190	1	203	2	232	0	238	3	198	0
October	275	1	326	3	325	0	331	2	366	2
November	375	0	344	1	441	1	359	1	330	1
December	294	0	218	1	260	0	284	0	338	2
Total	**2,804**	**10**	**2,760**	**10**	**2,929**	**8**	**3,018**	**10**	**2,875**	**11**

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

5-Year Trend - Crashes by Day of Week

| Day	2013 Total Crashes	2013 Fatal Crashes	2014 Total Crashes	2014 Fatal Crashes	2015 Total Crashes	2015 Fatal Crashes	2016 Total Crashes	2016 Fatal Crashes	2017 Total Crashes	2017 Fatal Crashes
Monday	365	2	378	1	385	1	401	4	424	1
Tuesday	400	2	371	2	422	0	485	0	439	1
Wednesday	420	1	441	2	460	1	478	0	427	1
Thursday	411	2	467	1	461	2	466	0	449	1
Friday	461	2	447	1	440	1	508	2	459	2
Saturday	423	1	361	1	445	3	356	2	385	2
Sunday	324	0	295	2	316	0	324	2	292	3
Total	**2,804**	**10**	**2,760**	**10**	**2,929**	**8**	**3,018**	**10**	**2,875**	**11**

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

Lapeer County (continued)
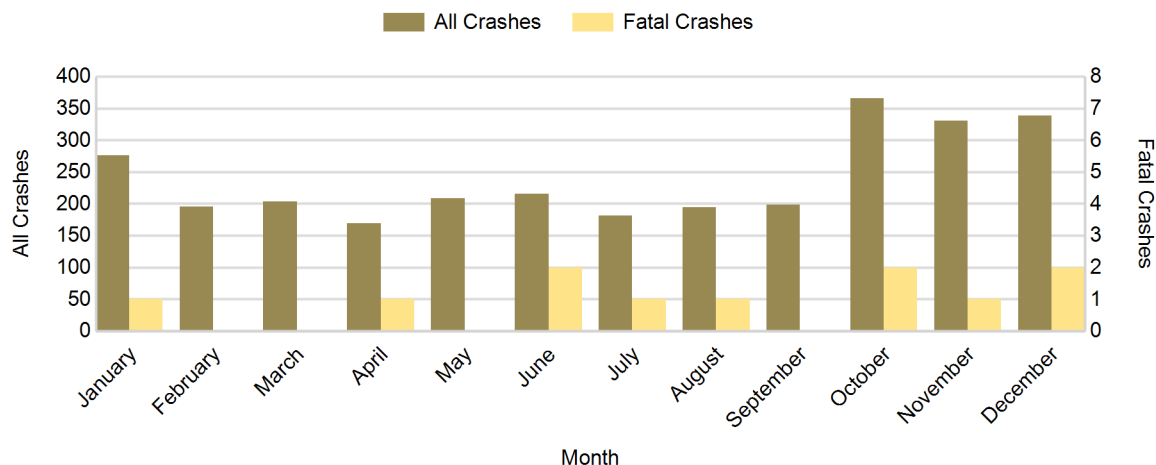
2017 - Crashes by Day of Week

Day	All Crashes		Fatal Crashes		Injury Crashes			PDO Crashes
	Number	% of Total	Number	% of Fatal	A	B	C	Number
Monday	424	14.7	1	9.1	6	31	36	350
Tuesday	439	15.3	1	9.1	4	28	29	377
Wednesday	427	14.9	1	9.1	1	17	28	380
Thursday	449	15.6	1	9.1	8	25	36	379
Friday	459	16.0	2	18.2	8	19	32	398
Saturday	385	13.4	2	18.2	6	31	28	318
Sunday	292	10.2	3	27.3	9	25	16	239
Total	**2,875**	**100.0**	**11**	**100.0**	**42**	**176**	**205**	**2,441**

2017 Day of Week and Severity

Lapeer County (continued)
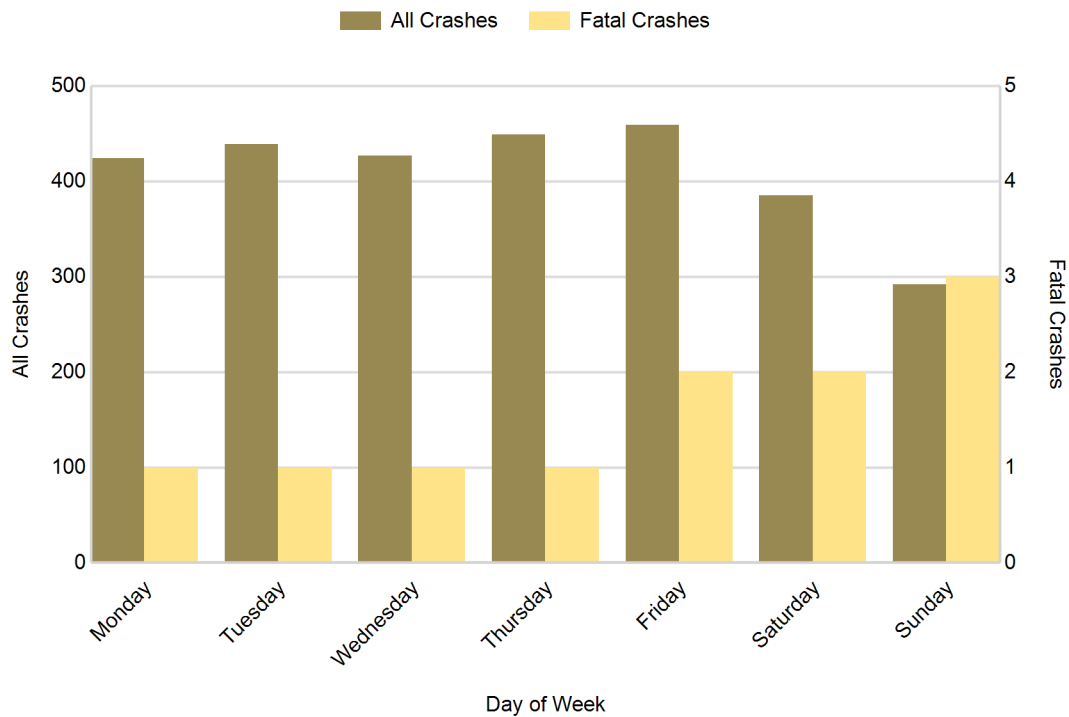
5-Year Trend - Crashes by Weekday and Weekend

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	2,057	9	2,104	7	2,168	5	2,338	6	2,198	6
Weekend	747	1	656	3	761	3	680	4	677	5
Total	**2,804**	**10**	**2,760**	**10**	**2,929**	**8**	**3,018**	**10**	**2,875**	**11**

5-Year Crash Trends by Weekday (Monday - Friday) and Weekend (Saturday & Sunday)
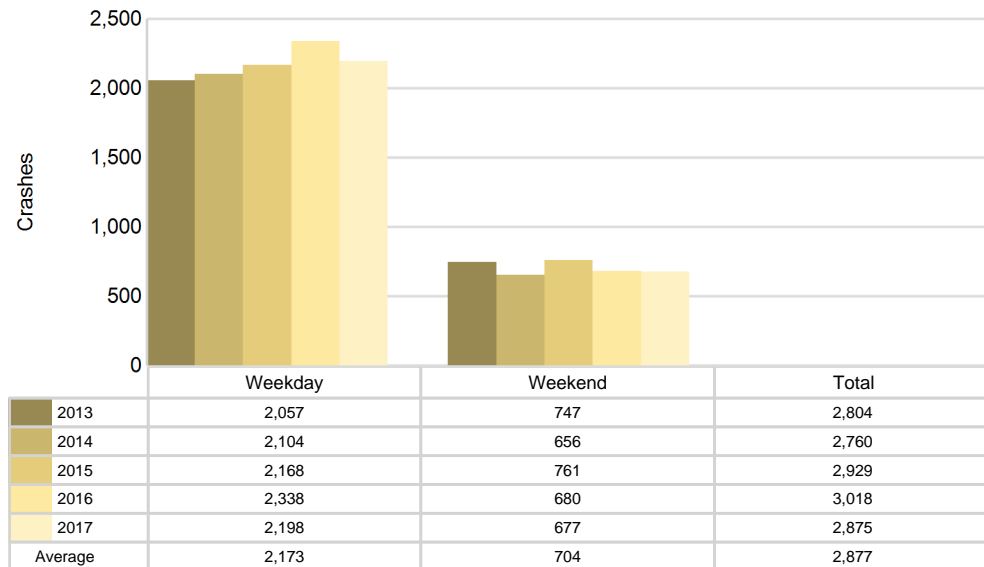
	Weekday	Weekend	Total
2013	2,057	747	2,804
2014	2,104	656	2,760
2015	2,168	761	2,929
2016	2,338	680	3,018
2017	2,198	677	2,875
Average	2,173	704	2,877

Lapeer County (continued)

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	161	2	159	1	133	0	137	1	142	1
3:00 AM - 5:59 AM	253	0	234	0	227	0	232	1	225	2
6:00 AM - 8:59 AM	528	0	476	1	510	0	497	0	492	3
9:00 AM - 11:59 AM	245	1	262	2	291	1	286	2	269	1
Noon - 2:59 PM	330	0	381	0	387	4	409	1	359	0
3:00 PM - 5:59 PM	455	4	470	0	531	1	537	0	545	1
6:00 PM - 8:59 PM	465	0	462	4	521	0	595	3	512	2
9:00 PM - 11:59 PM	366	2	316	2	329	2	325	2	331	1
Unknown	1	1	0	0	0	0	0	0	0	0
Total	**2,804**	**10**	**2,760**	**10**	**2,929**	**8**	**3,018**	**10**	**2,875**	**11**

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

5-Year Trend
Crashes by Time of Day

	Midnight - 2:59 AM	3:00 AM - 5:59 AM	6:00 AM - 8:59 AM	9:00 AM - 11:59 AM	Noon - 2:59 PM	3:00 PM - 5:59 PM	6:00 PM - 8:59 PM	9:00 PM - 11:59 PM	Unknown	Total
2013	161	253	528	245	330	455	465	366	1	2,804
2014	159	234	476	262	381	470	462	316	0	2,760
2015	133	227	510	291	387	531	521	329	0	2,929
2016	137	232	497	286	409	537	595	325	0	3,018
2017	142	225	492	269	359	545	512	331	0	2,875
Average	146	234	501	271	373	508	511	333	0	2,877

5-Year Trend
Fatal Crashes by Time of Day

	Midnight - 2:59 AM	3:00 AM - 5:59 AM	6:00 AM - 8:59 AM	9:00 AM - 11:59 AM	Noon - 2:59 PM	3:00 PM - 5:59 PM	6:00 PM - 8:59 PM	9:00 PM - 11:59 PM	Unknown	Total
2013	2	0	0	1	0	4	0	2	1	10
2014	1	0	1	2	0	0	4	2	0	10
2015	0	0	0	1	4	1	0	2	0	8
2016	1	1	0	2	1	0	3	2	0	10
2017	1	2	3	1	0	1	2	1	0	11
Average	1	1	1	1	1	1	2	2	0	10

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	142	4.9	1	9.1	4	12	3	122
3:00 AM	- 5:59 AM	225	7.8	2	18.2	4	5	10	204
6:00 AM	- 8:59 AM	492	17.1	3	27.3	3	22	24	440
9:00 AM	- 11:59 AM	269	9.4	1	9.1	1	20	32	215
Noon	- 2:59 PM	359	12.5	0	0.0	10	34	34	281
3:00 PM	- 5:59 PM	545	19.0	1	9.1	13	40	56	435
6:00 PM	- 8:59 PM	512	17.8	2	18.2	5	25	31	449
9:00 PM	- 11:59 PM	331	11.5	1	9.1	2	18	15	295
Unknown		0	0.0	0	0.0	0	0	0	0
Total		**2,875**	**100.0**	**11**	**100.0**	**42**	**176**	**205**	**2,441**
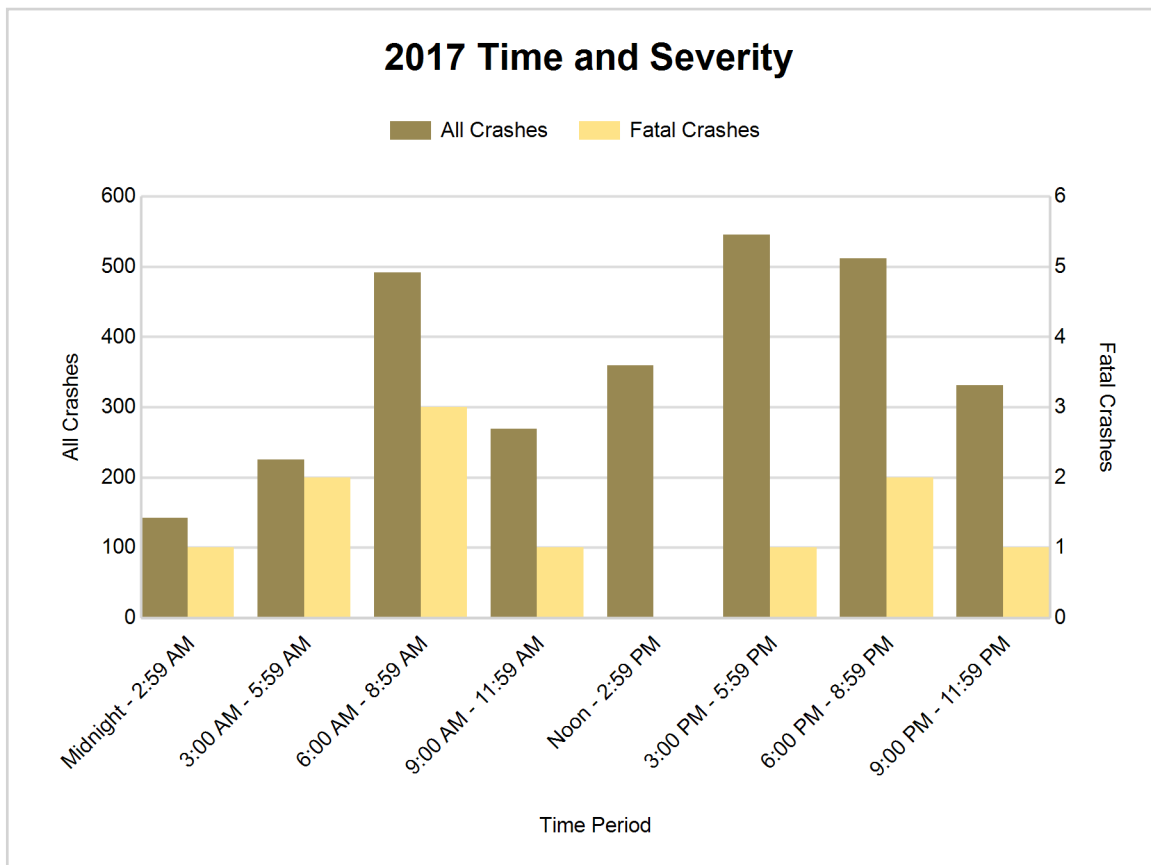
2017 Time and Severity

Lapeer County (continued)

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	85	0	94	0	72	0	76	0	81	1
3:00 AM - 5:59 AM	164	0	156	0	169	0	168	0	159	0
6:00 AM - 8:59 AM	299	0	260	0	298	0	311	0	295	0
9:00 AM - 11:59 AM	46	0	43	0	48	0	65	0	48	0
Noon - 2:59 PM	38	0	37	0	33	0	32	0	35	0
3:00 PM - 5:59 PM	95	0	76	0	84	0	105	0	96	0
6:00 PM - 8:59 PM	280	0	270	0	305	0	332	0	261	0
9:00 PM - 11:59 PM	222	0	217	0	221	0	219	1	210	0
Unknown	0	0	0	0	0	0	0	0	0	0
Total	**1,229**	**0**	**1,153**	**0**	**1,230**	**0**	**1,308**	**1**	**1,185**	**1**

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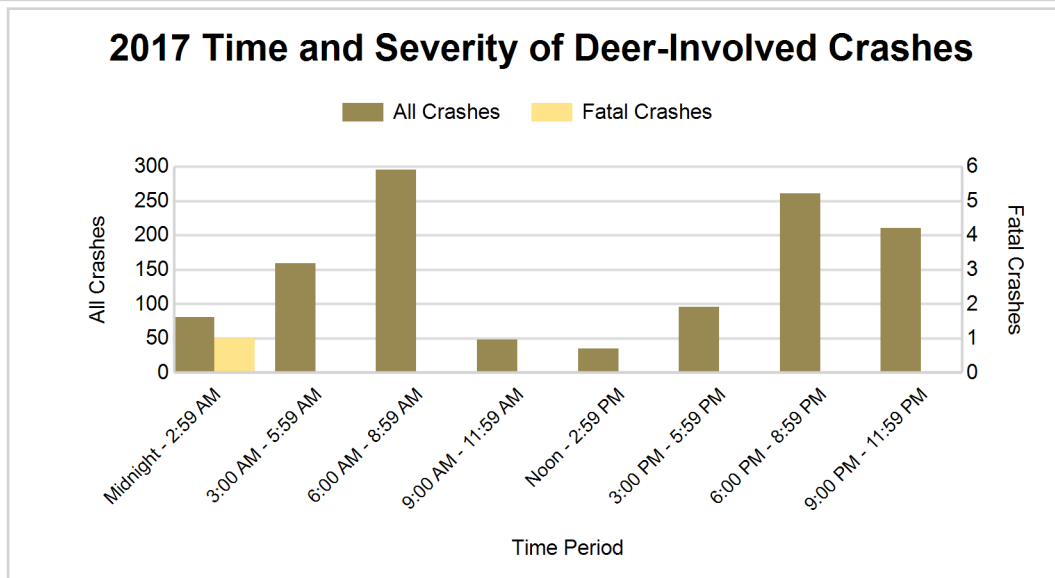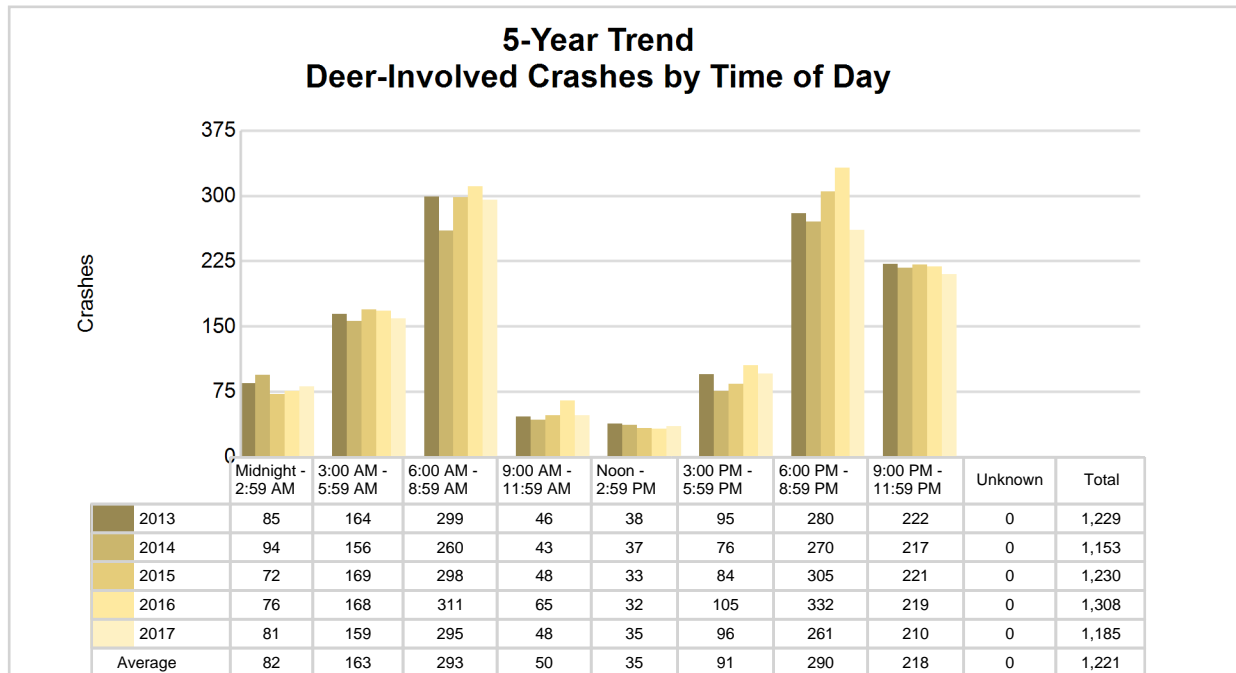

5-Year Trend
Deer-Involved Crashes by Time of Day

	Midnight - 2:59 AM	3:00 AM - 5:59 AM	6:00 AM - 8:59 AM	9:00 AM - 11:59 AM	Noon - 2:59 PM	3:00 PM - 5:59 PM	6:00 PM - 8:59 PM	9:00 PM - 11:59 PM	Unknown	Total
2013	85	164	299	46	38	95	280	222	0	1,229
2014	94	156	260	43	37	76	270	217	0	1,153
2015	72	169	298	48	33	84	305	221	0	1,230
2016	76	168	311	65	32	105	332	219	0	1,308
2017	81	159	295	48	35	96	261	210	0	1,185
Average	82	163	293	50	35	91	290	218	0	1,221

2017 Time and Severity of Deer-Involved Crashes

Lapeer County (continued)

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
Almont	50	0	12	38	0	0	41	9	2	0	1	0	15
Almont Twp.	153	0	21	132	0	0	75	78	8	3	63	0	30
Arcadia Twp.	60	0	6	54	0	0	0	60	0	0	34	0	8
Attica Twp.	176	0	28	148	40	0	0	135	5	3	98	0	34
Brown City	1	0	0	1	0	0	1	0	0	0	0	0	0
Burlington Twp.	43	0	8	35	0	0	0	43	2	1	19	0	11
Burnside Twp.	84	1	16	67	0	0	55	29	3	1	41	1	20
Clifford	6	0	1	5	0	0	0	6	0	0	3	0	1
Columbiaville	7	0	2	5	0	0	0	7	1	0	2	0	4
Deerfield Twp.	144	1	16	127	0	0	75	69	6	2	83	1	26
Dryden	11	0	0	11	0	0	0	11	0	0	2	0	0
Dryden Twp.	130	0	17	113	0	0	0	130	2	2	84	0	23
Elba Twp.	165	1	24	140	59	0	0	106	6	4	96	1	38
Goodland Twp.	72	0	4	68	0	0	38	34	3	0	45	0	5
Hadley Twp.	62	0	6	56	0	0	0	62	5	2	33	0	11
Imlay City	125	0	24	101	6	0	85	33	5	1	10	0	33
Imlay Twp.	149	2	29	118	25	0	29	95	4	3	62	2	38
Lapeer	440	1	67	372	21	0	172	247	10	4	36	1	90
Lapeer Twp.	208	0	14	194	41	0	26	141	8	2	105	0	18
Marathon Twp.	90	2	17	71	0	0	0	89	2	2	47	2	26
Mayfield Twp.	198	1	31	166	0	0	60	138	10	3	84	1	45
Metamora	5	0	0	5	0	0	0	5	0	0	0	0	0
Metamora Twp.	186	0	30	156	0	0	124	62	6	3	63	0	44
North Branch	16	0	5	11	0	0	14	2	2	0	1	0	9
North Branch Twp.	100	1	12	87	0	0	8	92	4	2	61	1	13
Oregon Twp.	109	1	21	87	0	0	0	109	4	1	60	1	36
Otter Lake	5	0	1	4	0	0	0	5	1	0	2	0	1
Rich Twp.	80	0	11	69	0	0	36	44	1	0	50	0	15
Unknown Community	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	**2,875**	**11**	**423**	**2,441**	**192**	**0**	**839**	**1,841**	**100**	**39**	**1,185**	**11**	**594**

Lapeer County (continued)

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	7	0	9	0	6	0	7	0	8	0
16 - 20	550	14	528	6	533	1	586	8	543	9
21 - 24	379	19	357	15	369	17	381	18	354	19
25 - 64	2,382	88	2,458	68	2,654	55	2,692	72	2,611	68
65 +	318	3	387	2	421	5	403	2	418	5
Unknown	86	2	107	0	115	0	122	0	99	0
Total	3,722	126	3,846	91	4,098	78	4,191	100	4,033	101

5-Year Trend
Total Drivers in Crashes by Age

	0 - 15	16 - 20	21 - 24	25 - 64	65 +	Unknown	Total
2013	7	550	379	2,382	318	86	3,722
2014	9	528	357	2,458	387	107	3,846
2015	6	533	369	2,654	421	115	4,098
2016	7	586	381	2,692	403	122	4,191
2017	8	543	354	2,611	418	99	4,033
Average	7	548	368	2,559	389	106	3,978

5-Year Trend
Total Drivers Coded Drinking by Age

	0 - 15	16 - 20	21 - 24	25 - 64	65 +	Unknown	Total
2013	0	14	19	88	3	2	126
2014	0	6	15	68	2	0	91
2015	0	1	17	55	5	0	78
2016	0	8	18	72	2	0	100
2017	0	9	19	68	5	0	101
Average	0	8	18	70	3	0	99

Lapeer County (continued)
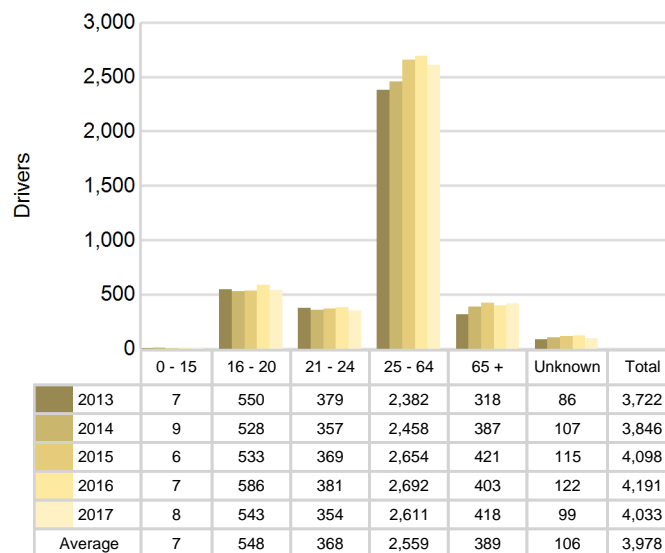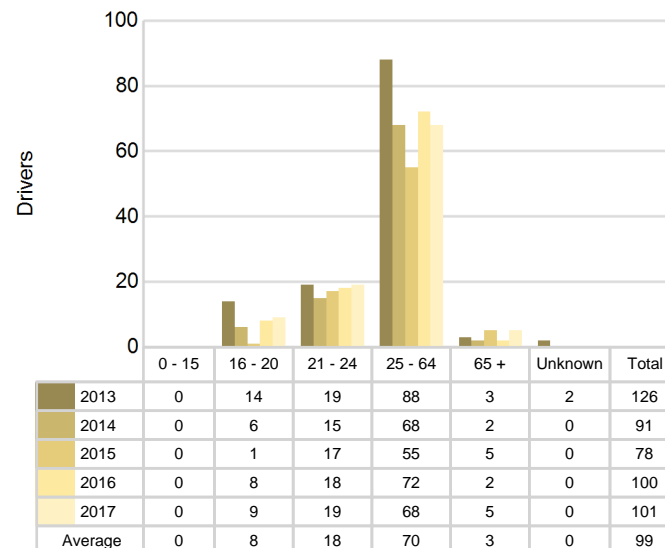
**2017 - Bodily Alcohol Concentration (BAC) Results Among
All Vehicle Drivers in Alcohol-Involved Crashes by Age**

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	13	10	8	9	0	1	3	0	5
21 - 24	22	18	16	19	0	0	4	4	11
25 - 64	87	69	56	68	0	5	14	13	36
65 +	8	5	4	5	0	1	0	1	3
Unknown	5	0	0	0	0	0	0	0	0
Total	135	102	84	101	0	7	21	18	55

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 135 drivers in alcohol-involved crashes; 101 (74.8%) of those drivers were coded as had-been-drinking by the officer on the crash form.
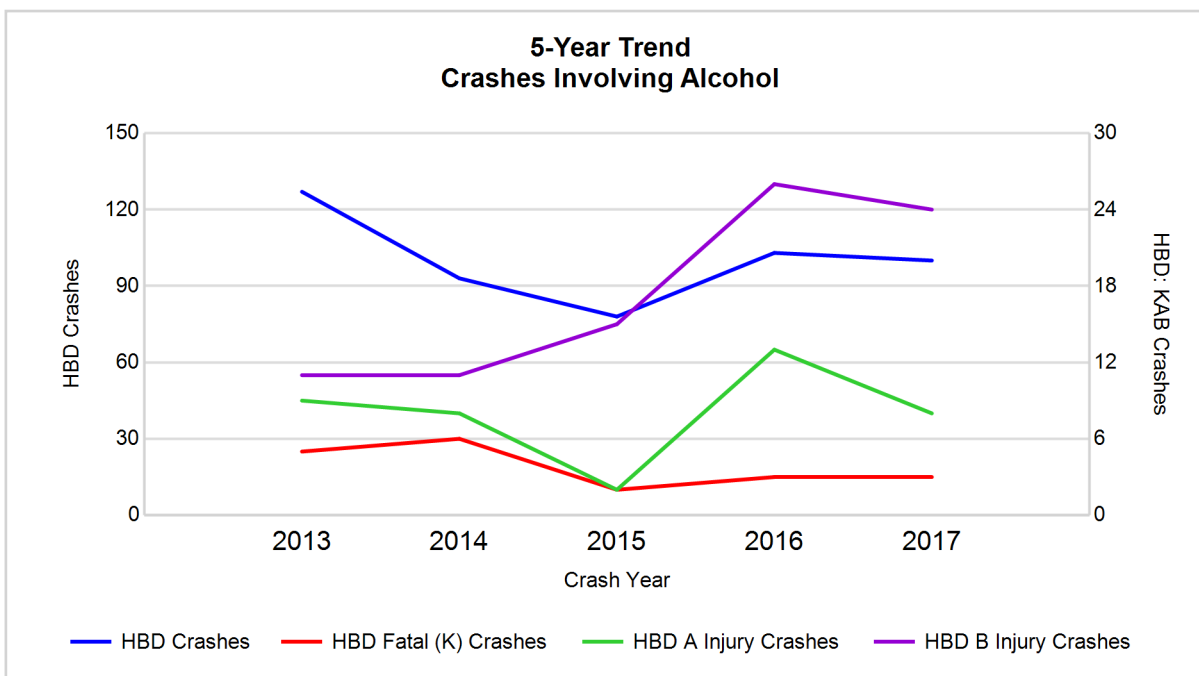
- 39 (38.6%) of the 101 drivers had a blood alcohol concentration (BAC) of 0.08 g/dL (grams per deciliter) or greater, and 18 (46.2%) of the 39 drivers had a BAC at or above 0.17 g/dL.

- 84 (83.2%) of the 101 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	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
2017	2,875	100	3.5	11**	3	27.3	42	8	19.0	176**	24	13.6

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

**5-Year Trend
Crashes Involving Alcohol**

Note: Had-Been-Drinking (HBD)

Lapeer County (continued)

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	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
2017	2,875	39**	1.4**	11**	5**	45.5**	42	5	11.9	176**	5	2.8

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
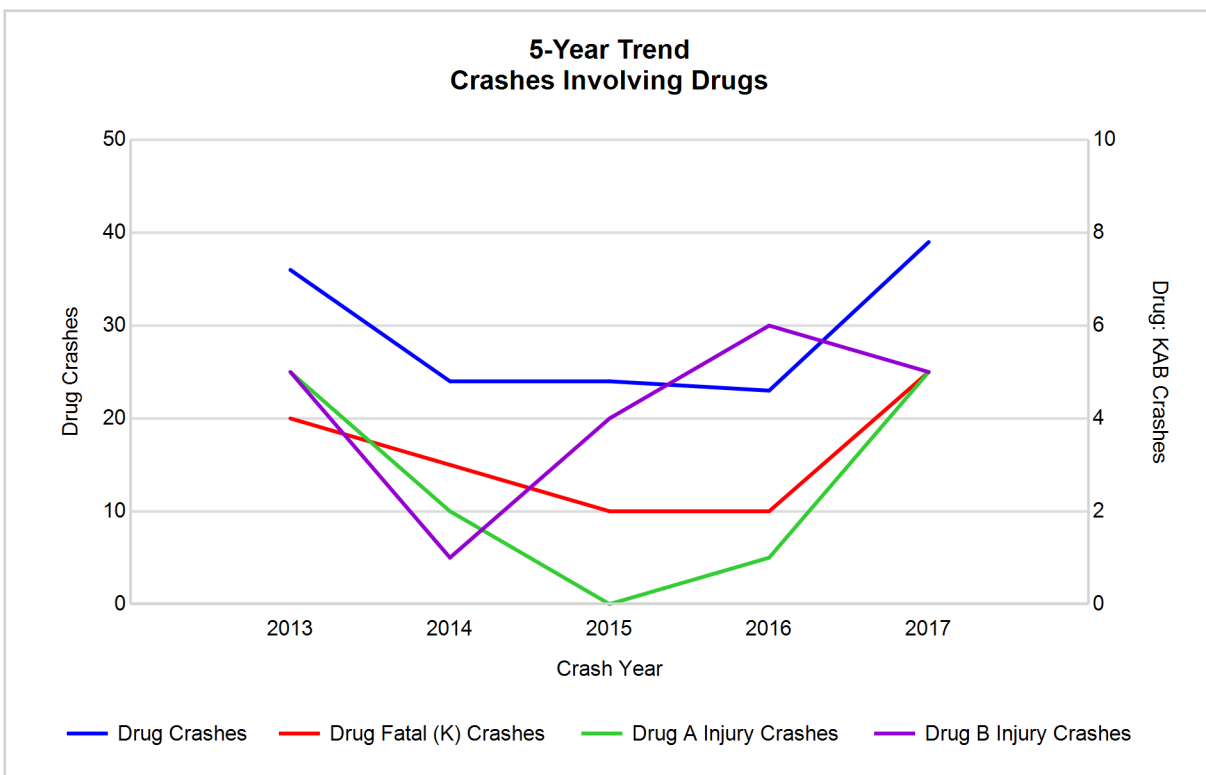
5-Year Trend - Crashes Involving Alcohol or Drugs

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
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
2017	2,875	120	4.2	11**	6	54.5	42	10	23.8	176**	26	14.8

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
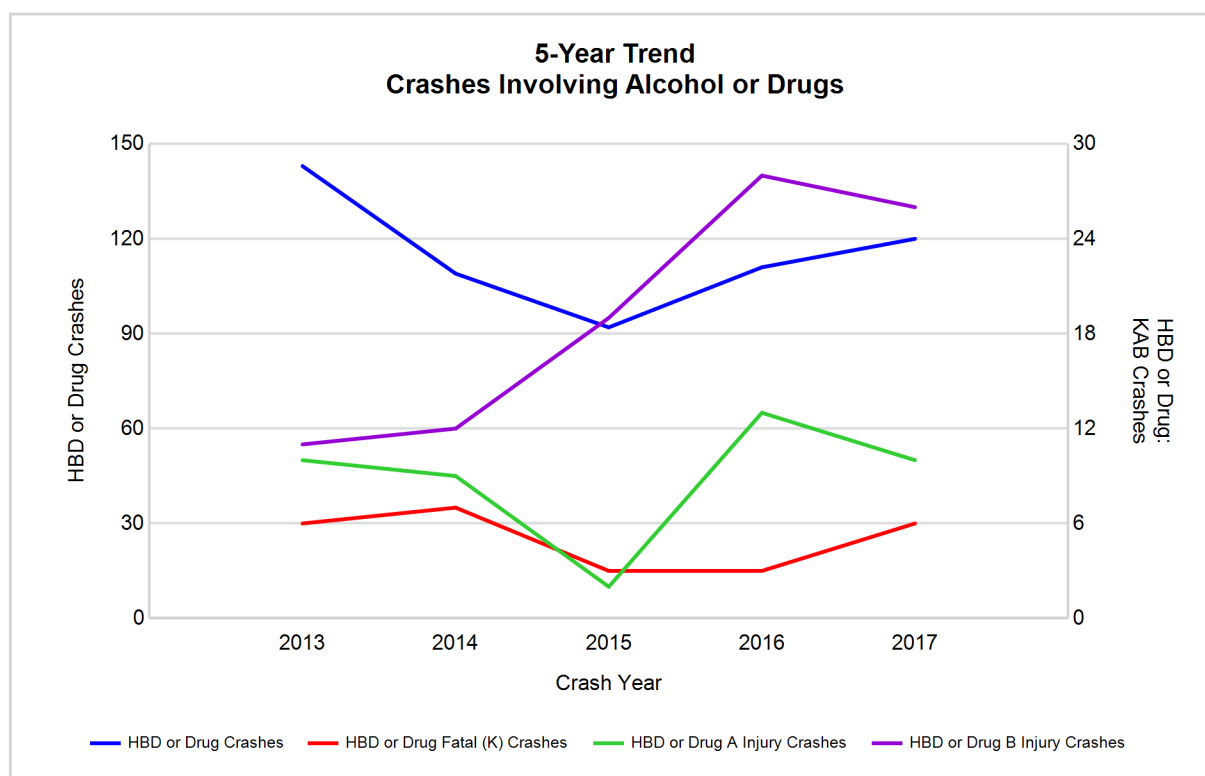

5-Year Trend
Crashes Involving Alcohol or Drugs

Note: Had-Been-Drinking (HBD)

Lapeer County (continued)

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	3,092	2,982	96.4	4	2	50.0	28	23	82.1	170	157	92.4	255	240	94.1	2,587	2,560	99.0
Motor home	4	4	100.0	0	0	0.0	0	0	0.0	1	1	100.0	0	0	0.0	3	3	100.0
Pickup truck	863	814	94.3	3	0	0.0	6	4	66.7	39	37	94.9	46	43	93.5	743	730	98.3
Small truck under 10,000 lbs. GVWR	54	52	96.3	0	0	0.0	1	0	0.0	1	1	100.0	6	6	100.0	46	45	97.8
Motorcycle	24	17	70.8	2	0	0.0	5	4	80.0	9	6	66.7	3	2	66.7	5	5	100.0
Moped / goped	1	1	100.0	0	0	0.0	1	1	100.0	0	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	1	1	100.0	0	0	0.0	0	0	0.0	1	1	100.0	0	0	0.0	0	0	0.0
Off-Road Vehicle - ORV / All-Terrain Vehicle - ATV	4	3	75.0	0	0	0.0	4	3	75.0	0	0	0.0	0	0	0.0	0	0	0.0
Other	16	11	68.8	0	0	0.0	1	0	0.0	1	0	0.0	1	1	100.0	12	10	83.3
Truck/bus over 10,000 lbs.	92	84	91.3	0	0	0.0	1	1	100.0	2	2	100.0	4	2	50.0	81	79	97.5
Unknown	28	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0
Total	**4,179**	**3,969**	**95.0**	**9**	**2**	**0.0**	**47**	**36**	**76.6**	**224**	**205**	**91.5**	**315**	**294**	**93.3**	**3,477**	**3,432**	**98.7**

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	48	47	97.9	0	0	0.0	2	2	100.0	11	10	90.9	29	29	100.0	6	6	100.0
16 - 20	572	556	97.2	1	0	0.0	4	2	50.0	37	33	89.2	54	49	90.7	475	472	99.4
21 - 24	365	348	95.3	1	0	0.0	6	4	66.7	26	21	80.8	25	20	80.0	307	303	98.7
25 - 64	2,660	2,589	97.3	5	2	40.0	30	23	76.7	116	107	92.2	164	155	94.5	2,338	2,302	98.5
65 +	435	429	98.6	2	0	0.0	5	5	100.0	34	34	100.0	43	41	95.3	351	349	99.4
Unknown	99	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0
Total	**4,179**	**3,969**	**95.0**	**9**	**2**	**0.0**	**47**	**36**	**76.6**	**224**	**205**	**91.5**	**315**	**294**	**93.3**	**3,477**	**3,432**	**98.7**

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.

Lapeer County (continued)

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	31	0	2	32	0	2	18	0	5	6	0	1	7	0	2
Shoulder belt only used	1	0	0	1	0	0	1	0	0	6	0	0	3	0	1
Lap belt only used	8	0	0	21	0	4	14	0	5	4	0	0	7	0	2
Both lap & shoulder belts used	3,445	3	347	3,566	3	328	3,808	2	360	3,942	4	424	3,811	2	389
No belts used	45	3	14	34	1	16	25	0	13	33	1	21	25	3	15
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	1	0	0	0	0	0	0	0	0	0	0	0
Restraint use unknown	70	0	11	49	0	7	102	0	10	155	1	6	121	2	10
Helmet worn	21	1	11	21	0	16	27	2	21	17	0	15	21	0	16
Helmet not worn	13	0	11	16	3	9	12	0	8	11	2	9	7	2	5
Helmet use unknown	0	0	0	4	0	1	4	0	1	1	0	0	0	0	0
Uncoded & errors	88	0	0	101	0	0	87	0	0	16	0	0	31	0	0
Total	**3,722**	**7**	**396**	**3,846**	**7**	**383**	**4,098**	**4**	**423**	**4,191**	**8**	**476**	**4,033**	**9**	**440**

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	2	0	2	0	0	0	0	0	0
Shoulder belt only used	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lap belt only used	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0
Both lap & shoulder belts used	89	0	20	60	1	21	56	1	13	70	0	30	67	0	20
No belts used	13	3	4	7	1	6	2	0	1	14	1	12	12	1	8
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	22	0	3	18	0	5	15	0	3	10	0	4	16	1	6
Helmet worn	0	0	0	1	0	1	2	1	1	1	0	1	4	0	4
Helmet not worn	1	0	1	3	2	1	1	0	1	4	0	4	2	1	1
Helmet use unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Uncoded & errors	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	**126**	**3**	**28**	**91**	**4**	**35**	**78**	**2**	**21**	**100**	**1**	**51**	**101**	**3**	**39**

Lapeer County (continued)

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	0	0	0	0	0	0	0	0	0
16 - 20	13	0	4	7	0	3	7	0	6	7	0	5	3	0	3
21 - 24	6	0	1	5	0	1	4	0	0	9	1	5	4	0	3
25 - 64	44	3	8	44	1	12	28	0	10	19	0	9	22	2	10
65 +	11	0	3	9	0	2	4	0	2	4	0	3	3	1	1
Unknown	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Total	**76**	**3**	**16**	**66**	**1**	**18**	**43**	**0**	**18**	**39**	**1**	**22**	**32**	**3**	**17**

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

5-Year Trend
Driver Seatbelt Not Used

	0 - 15	16 - 20	21 - 24	25 - 64	65 +	Unknown	Total
2013	1	13	6	44	11	1	76
2014	0	7	5	44	9	1	66
2015	0	7	4	28	4	0	43
2016	0	7	9	19	4	0	39
2017	0	3	4	22	3	0	32
Average	0	7	6	31	6	0	51

Lapeer County (continued)
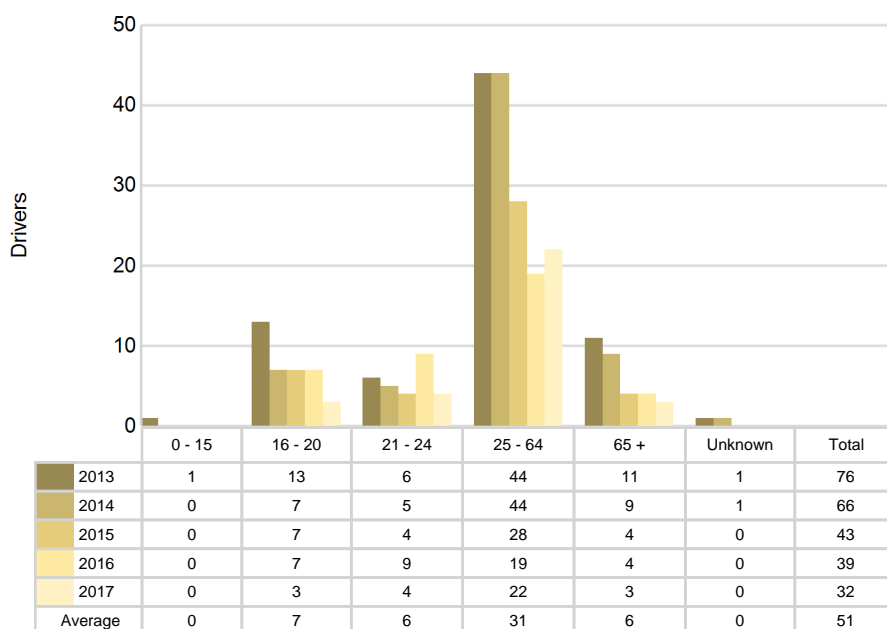
5-Year Trend - Seatbelt Used Among Drivers by Age

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	6	0	2	7	0	1	3	0	0	5	0	0	7	0	1
16 - 20	523	0	54	516	0	49	517	0	52	574	0	74	532	0	61
21 - 24	354	0	32	342	0	41	347	0	31	360	0	33	339	0	36
25 - 64	2,271	3	218	2,350	2	199	2,547	1	235	2,618	3	275	2,532	2	232
65 +	299	0	40	373	1	42	409	1	47	395	1	42	411	0	62
Unknown	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
Total	**3,454**	**3**	**347**	**3,589**	**3**	**332**	**3,823**	**2**	**365**	**3,952**	**4**	**424**	**3,821**	**2**	**392**

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

	0 - 15	16 - 20	21 - 24	25 - 64	65 +	Unknown	Total
2013	6	523	354	2,271	299	1	3,454
2014	7	516	342	2,350	373	1	3,589
2015	3	517	347	2,547	409	0	3,823
2016	5	574	360	2,618	395	0	3,952
2017	7	532	339	2,532	411	0	3,821
Average	6	532	348	2,464	377	0	3,728

Lapeer County (continued)
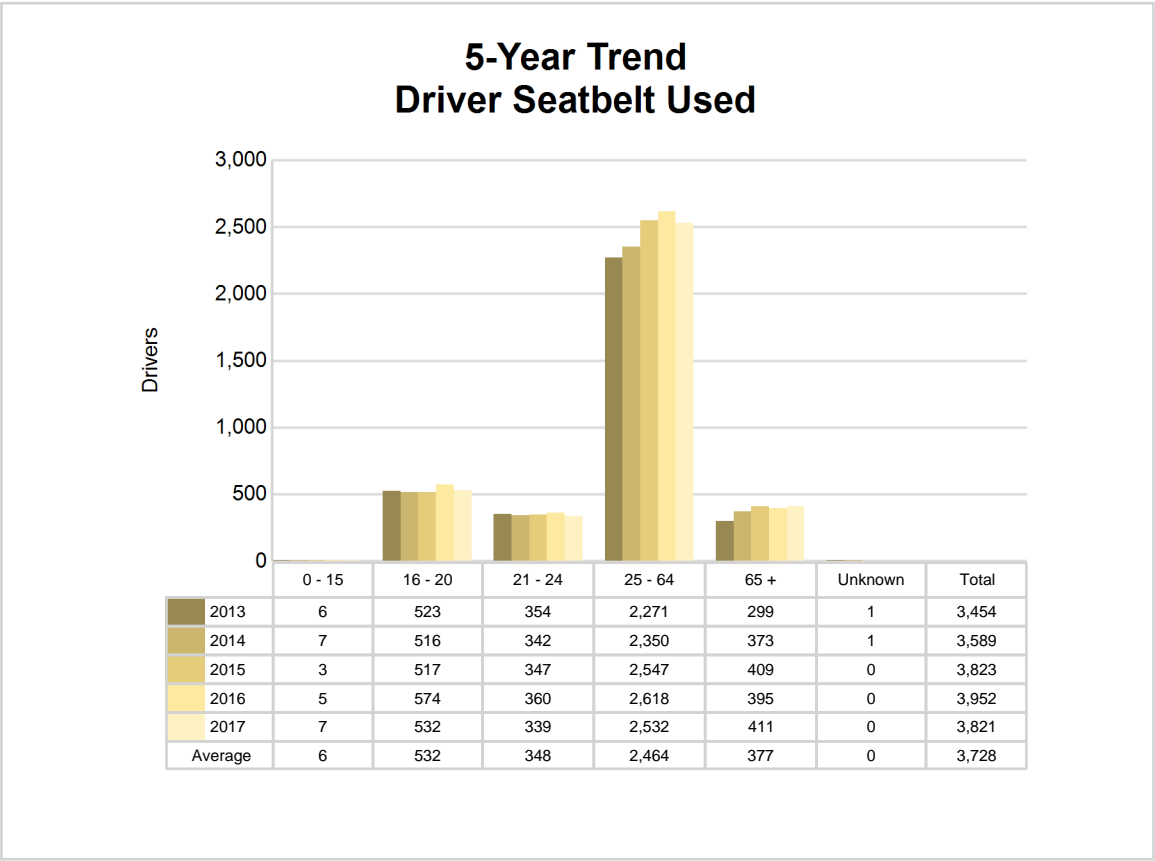
5-Year Trend - Drivers in Crashes by Hazardous Action

Hazardous Action	2013 Total Drivers in Crashes	2013 Drivers in Fatal Crashes	2014 Total Drivers in Crashes	2014 Drivers in Fatal Crashes	2015 Total Drivers in Crashes	2015 Drivers in Fatal Crashes	2016 Total Drivers in Crashes	2016 Drivers in Fatal Crashes	2017 Total Drivers in Crashes	2017 Drivers in Fatal Crashes
None	2,286	5	2,334	5	2,500	9	2,556	6	2,402	6
Speed too fast	391	2	303	2	371	0	289	2	282	0
Speed too slow	5	0	3	0	3	0	2	0	0	0
Failed to yield	246	3	299	2	321	2	285	0	325	0
Disregard traffic control	44	1	45	0	40	0	45	1	43	2
Drove wrong way	3	0	3	1	2	0	1	0	2	0
Drove left of center	18	0	20	0	29	0	39	1	30	1
Improper passing	16	0	15	0	13	0	23	0	27	0
Improper lane use	34	0	55	0	52	0	60	0	41	0
Improper turn	17	0	21	0	23	0	21	0	19	0
Improper/no signal	6	0	10	0	5	0	3	0	2	0
Improper backing	26	0	40	0	40	0	50	0	49	0
Unable to stop in assured clear distance	322	0	380	1	402	3	442	0	423	0
Other	146	1	159	4	119	0	135	1	144	0
Unknown	34	1	60	0	82	1	136	2	133	4
Reckless driving	25	1	9	1	19	1	10	0	13	1
Careless/negligent driving	100	0	90	0	68	0	63	1	70	0
Uncoded & errors	3	0	0	0	9	0	31	0	28	0
Total	**3,722**	**14**	**3,846**	**16**	**4,098**	**16**	**4,191**	**14**	**4,033**	**14**

Lapeer County (continued)
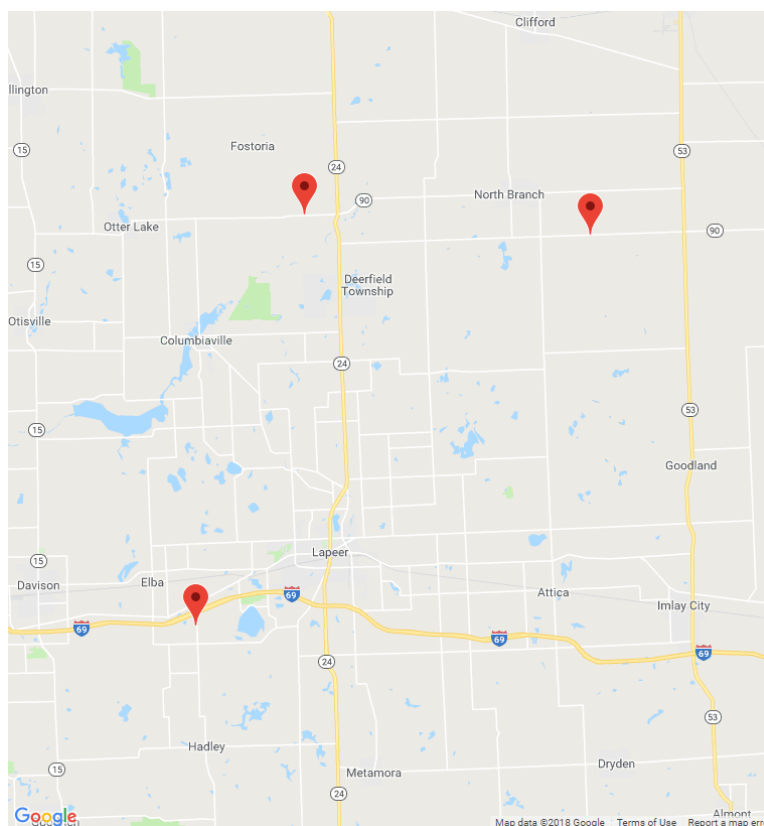
The picture above represents all 2017 alcohol-involved fatal crashes in Lapeer County.

In 2017, there were 100 alcohol-involved crashes in Lapeer County:

3   K - Fatal Crashes

8   A - Suspected Serious Injury Crashes

24   B - Suspected Minor Injury Crashes

11   C - Possible Injury Crashes

54   O - Property Damage Only/No Injury Crashes

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