MICHIGAN

OHSP

Office of Highway Safety Planning

2018

MTCF
Michigan Traffic
Crash Facts

Michigan Traffic Crash Facts

Lapeer County

2018 Traffic Crash Data
& 2014-2018 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
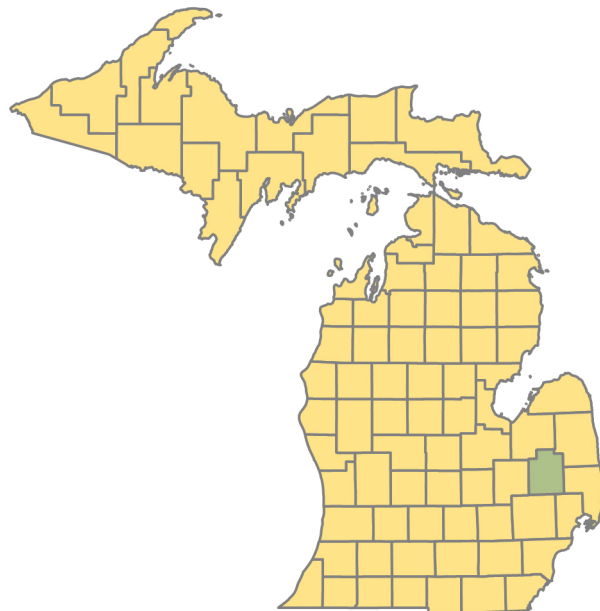B = Suspected Minor Injury
C = Possible Injury
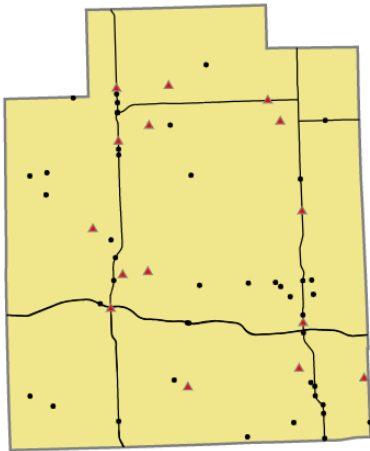O = No Injury
    Property Damage Only (PDO)

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Crashes by most severe injury (mapped/actual)

▲ K - Fatal (15/15)

● A - Suspected Serious (45/45)

Lapeer County

In 2018:

There were 3,945 drivers involved in 2,884 motor vehicle crashes in Lapeer County. Of those crashes, 15 were classified as fatal, resulting in 15 fatalities. An additional 563 persons were injured.

Lapeer County experienced the highest number of motor vehicle crashes (431) in November, the highest number of fatal crashes (3) and the highest number of persons killed (3) in April and November.

Michigan driver statistics indicate 6.9 percent of licensed drivers in Lapeer County were age 16-20, and 12.0 percent of drivers in crashes were also in that age group.

2018 - Crashes and Injuries by Month

Month	Crashes				Persons	
	Total	Fatal	Injury	Property Damage Only (PDO)	Fatalities	Injuries
January	286	2	33	251	2	41
February	225	1	34	190	1	48
March	244	1	42	201	1	52
April	187	3	25	159	3	34
May	188	2	26	160	2	34
June	216	0	39	177	0	63
July	166	0	25	141	0	37
August	163	1	29	133	1	42
September	198	2	31	165	2	42
October	326	0	31	295	0	40
November	431	3	51	377	3	83
December	254	0	35	219	0	47
Total	2,884	15	401	2,468	15	563

2018 - Driver Statistics

Age Group	Lapeer County			Driver Rates	
	2018 Population	Licensed Drivers	Drivers in Crashes	Per 10k Population	Per 10k Licensed
0 - 15	15,682	618	6	3.8	97.1
16 - 20	5,430	4,801	474	872.9	987.3
21 - 24	4,134	4,095	310	749.9	757.0
25 - 64	46,819	44,809	2,604	556.2	581.1
65 +	15,963	14,995	424	265.6	282.8
Unknown	0	0	127	- -	- -
Total	88,028	69,318	3,945	448.2	569.1

2018 - 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	2,920	74.0	16	72.7	474	2,430
Motor home	7	0.2	0	0.0	0	7
Pickup truck	803	20.4	3	13.6	134	666
Small truck under 10,000 lbs. GVWR	31	0.8	0	0.0	3	28
Motorcycle	24	0.6	1	4.5	15	8
Moped / goped	0	0.0	0	0.0	0	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	2	0.1	1	4.5	1	0
Other	15	0.4	0	0.0	2	13
Truck/bus over 10,000 lbs.	110	2.8	1	4.5	20	89
Unknown	33	0.8	0	0.0	1	32
Total	3,945	100.0	22	100.0	650	3,273

Lapeer County (continued)

5-Year Trend - Crashes by Month

Month	2014		2015		2016		2017		2018	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
January	295	0	322	0	316	2	276	1	286	2
February	209	1	241	0	262	0	195	0	225	1
March	211	0	192	2	221	0	203	0	244	1
April	188	0	155	0	208	0	169	1	187	3
May	229	0	213	2	187	1	209	0	188	2
June	198	0	195	0	222	0	216	2	216	0
July	184	0	203	0	185	1	181	1	166	0
August	155	2	150	3	205	0	194	1	163	1
September	203	2	232	0	238	3	198	0	198	2
October	326	3	325	0	331	2	366	2	326	0
November	344	1	441	1	359	1	330	1	431	3
December	218	1	260	0	284	0	338	2	254	0
Total	**2,760**	**10**	**2,929**	**8**	**3,018**	**10**	**2,875**	**11**	**2,884**	**15**

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	2014		2015		2016		2017		2018	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Monday	378	1	385	1	401	4	424	1	407	0
Tuesday	371	2	422	0	485	0	439	1	436	0
Wednesday	441	2	460	1	478	0	427	1	454	0
Thursday	467	1	461	2	466	0	449	1	506	6
Friday	447	1	440	1	508	2	459	2	445	2
Saturday	361	1	445	3	356	2	385	2	361	2
Sunday	295	2	316	0	324	2	292	3	275	5
Total	**2,760**	**10**	**2,929**	**8**	**3,018**	**10**	**2,875**	**11**	**2,884**	**15**

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

2018 Crashes by Month

Lapeer County (continued)
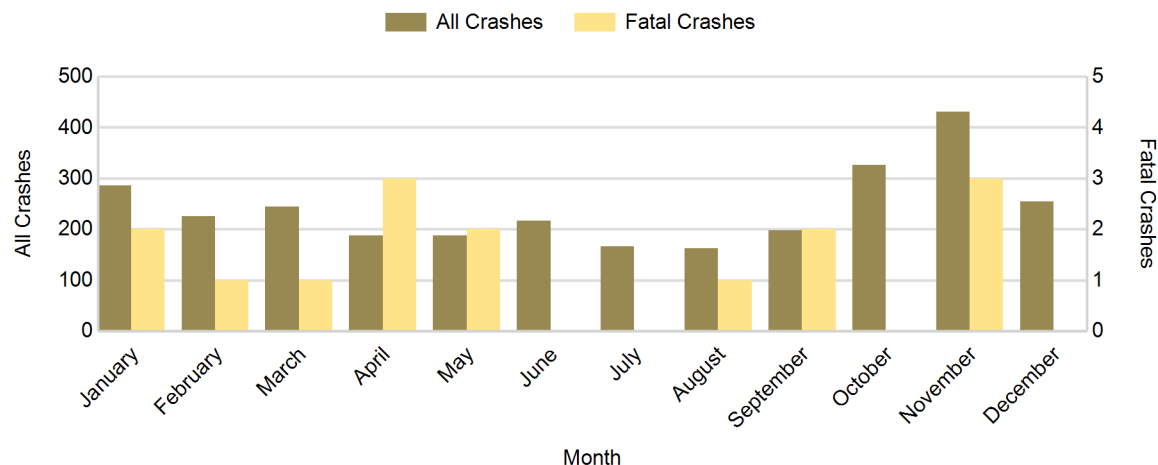
2018 - Crashes by Day of Week

Day	All Crashes		Fatal Crashes		Injury Crashes			PDO Crashes
	Number	% of Total	Number	% of Fatal	A	B	C	Number
Monday	407	14.1	0	0.0	4	31	30	342
Tuesday	436	15.1	0	0.0	11	29	26	370
Wednesday	454	15.7	0	0.0	4	26	27	397
Thursday	506	17.5	6	40.0	8	25	31	436
Friday	445	15.4	2	13.3	5	27	22	389
Saturday	361	12.5	2	13.3	8	25	27	299
Sunday	275	9.5	5	33.3	5	15	15	235
Total	**2,884**	**100.0**	**15**	**100.0**	**45**	**178**	**178**	**2,468**

2018 Day of Week and Severity

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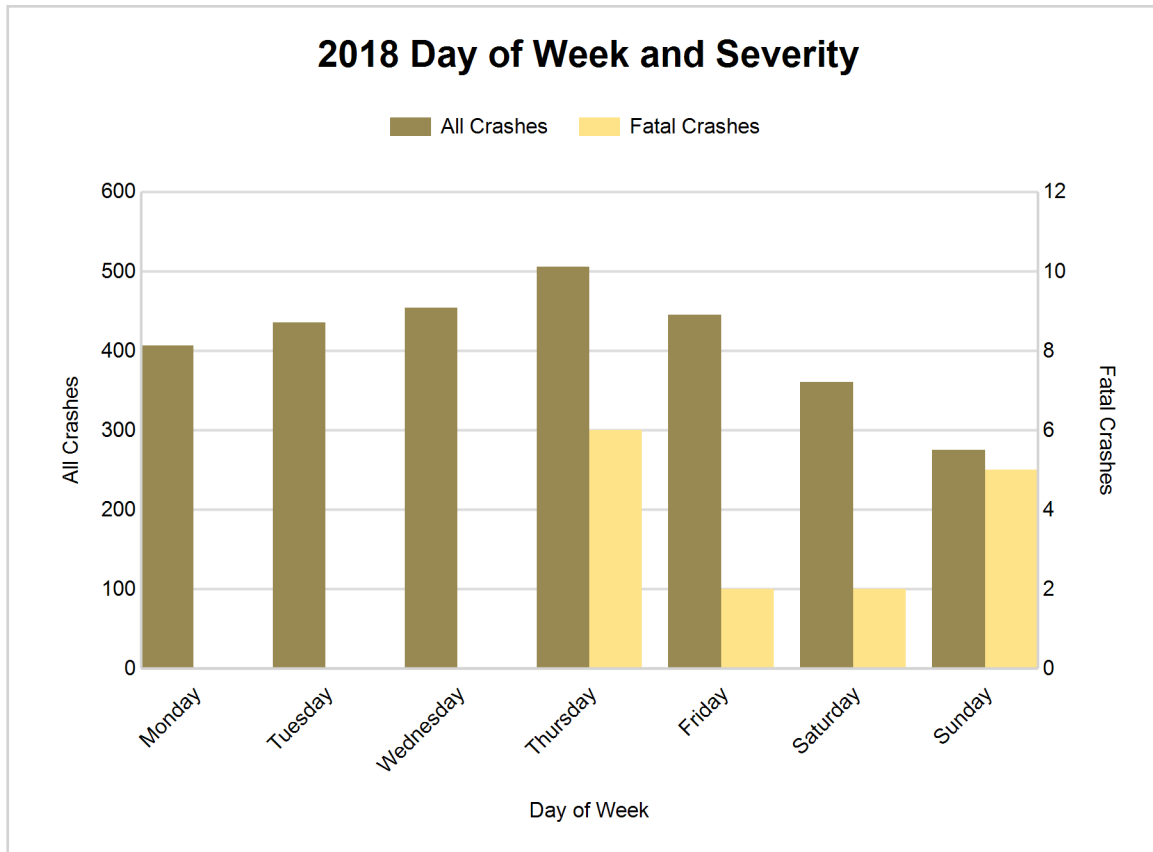
5-Year Trend - Crashes by Weekday and Weekend

Portion of Week	2014		2015		2016		2017		2018	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Weekday	2,104	7	2,168	5	2,338	6	2,198	6	2,248	8
Weekend	656	3	761	3	680	4	677	5	636	7
Total	**2,760**	**10**	**2,929**	**8**	**3,018**	**10**	**2,875**	**11**	**2,884**	**15**

5-Year Crash Trends by Weekday (Monday - Friday) and Weekend (Saturday & Sunday)
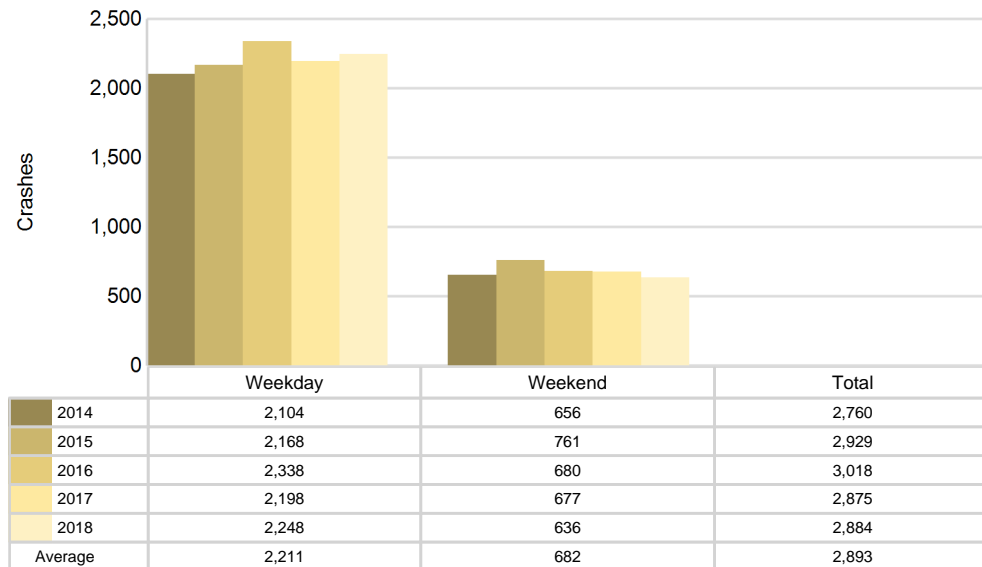
	Weekday	Weekend	Total
2014	2,104	656	2,760
2015	2,168	761	2,929
2016	2,338	680	3,018
2017	2,198	677	2,875
2018	2,248	636	2,884
Average	2,211	682	2,893

Lapeer County (continued)

5-Year Trend - Crashes by Time of Day

Time of Day	2014 Total Crashes	2014 Fatal Crashes	2015 Total Crashes	2015 Fatal Crashes	2016 Total Crashes	2016 Fatal Crashes	2017 Total Crashes	2017 Fatal Crashes	2018 Total Crashes	2018 Fatal Crashes
Midnight - 2:59 AM	159	1	133	0	137	1	142	1	138	1
3:00 AM - 5:59 AM	234	0	227	0	232	1	225	2	206	1
6:00 AM - 8:59 AM	476	1	510	0	497	0	492	3	554	1
9:00 AM - 11:59 AM	262	2	291	1	286	2	269	1	260	1
Noon - 2:59 PM	381	0	387	4	409	1	359	0	323	3
3:00 PM - 5:59 PM	470	0	531	1	537	0	545	1	513	1
6:00 PM - 8:59 PM	462	4	521	0	595	3	512	2	558	3
9:00 PM - 11:59 PM	316	2	329	2	325	2	331	1	332	4
Unknown	0	0	0	0	0	0	0	0	0	0
Total	**2,760**	**10**	**2,929**	**8**	**3,018**	**10**	**2,875**	**11**	**2,884**	**15**

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
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
2018	138	206	554	260	323	513	558	332	0	2,884
Average	142	225	506	274	372	519	530	327	0	2,893

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
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
2018	1	1	1	1	3	1	3	4	0	15
Average	1	1	1	1	2	1	2	2	0	11

2018 - 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	138	4.8	1	6.7	2	8	7	120
3:00 AM - 5:59 AM	206	7.1	1	6.7	2	14	11	178
6:00 AM - 8:59 AM	554	19.2	1	6.7	5	19	32	497
9:00 AM - 11:59 AM	260	9.0	1	6.7	4	17	13	225
Noon - 2:59 PM	323	11.2	3	20.0	7	28	25	260
3:00 PM - 5:59 PM	513	17.8	1	6.7	12	49	39	412
6:00 PM - 8:59 PM	558	19.3	3	20.0	12	28	36	479
9:00 PM - 11:59 PM	332	11.5	4	26.7	1	15	15	297
Unknown	0	0.0	0	0.0	0	0	0	0
Total	**2,884**	**100.0**	**15**	**100.0**	**45**	**178**	**178**	**2,468**

2018 Time and Severity

Lapeer County (continued)
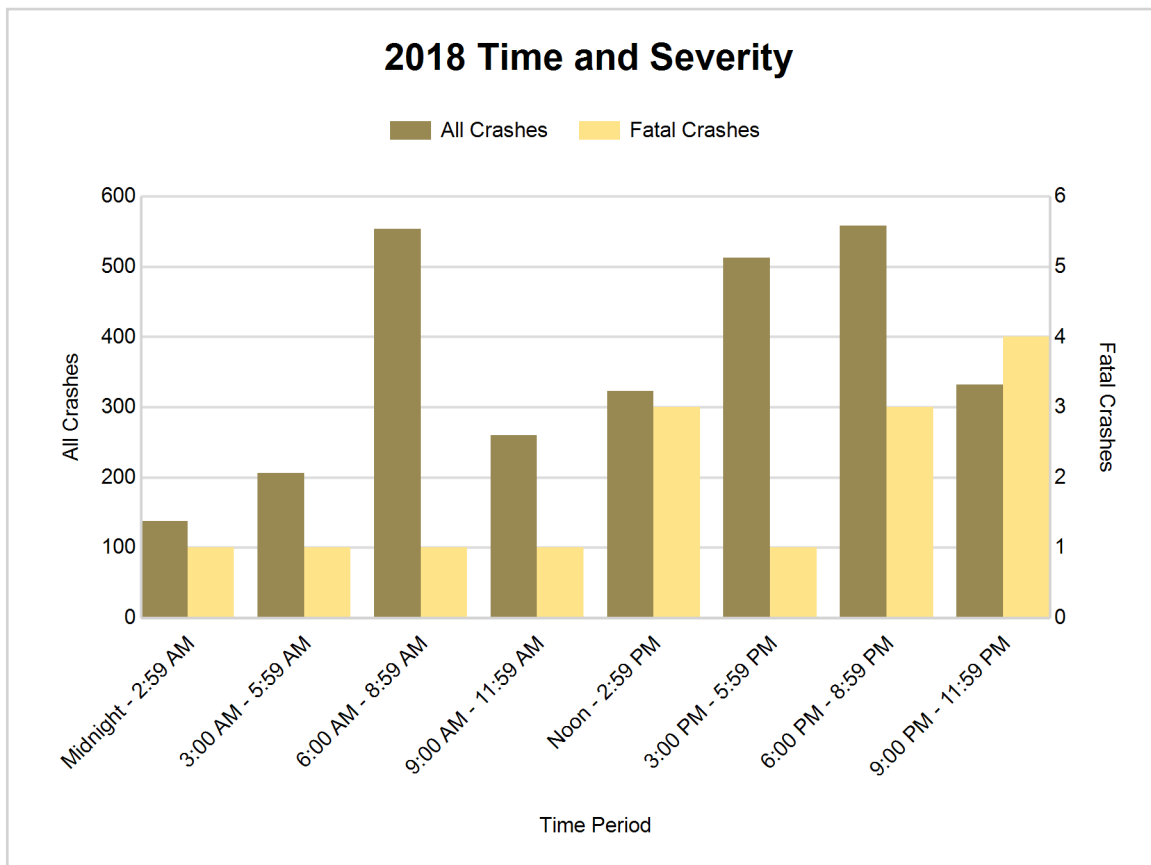
5-Year Trend - Deer-Involved Crashes by Time of Day

Time of Day	2014		2015		2016		2017		2018	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Midnight - 2:59 AM	94	0	72	0	76	0	81	1	80	0
3:00 AM - 5:59 AM	156	0	169	0	168	0	159	0	151	0
6:00 AM - 8:59 AM	260	0	298	0	311	0	295	0	304	0
9:00 AM - 11:59 AM	43	0	48	0	65	0	48	0	55	0
Noon - 2:59 PM	37	0	33	0	32	0	35	0	47	0
3:00 PM - 5:59 PM	76	0	84	0	105	0	96	0	109	0
6:00 PM - 8:59 PM	270	0	305	0	332	0	261	0	320	0
9:00 PM - 11:59 PM	217	0	221	0	219	1	210	0	209	0
Unknown	0	0	0	0	0	0	0	0	0	0
Total	**1,153**	**0**	**1,230**	**0**	**1,308**	**1**	**1,185**	**1**	**1,275**	**0**

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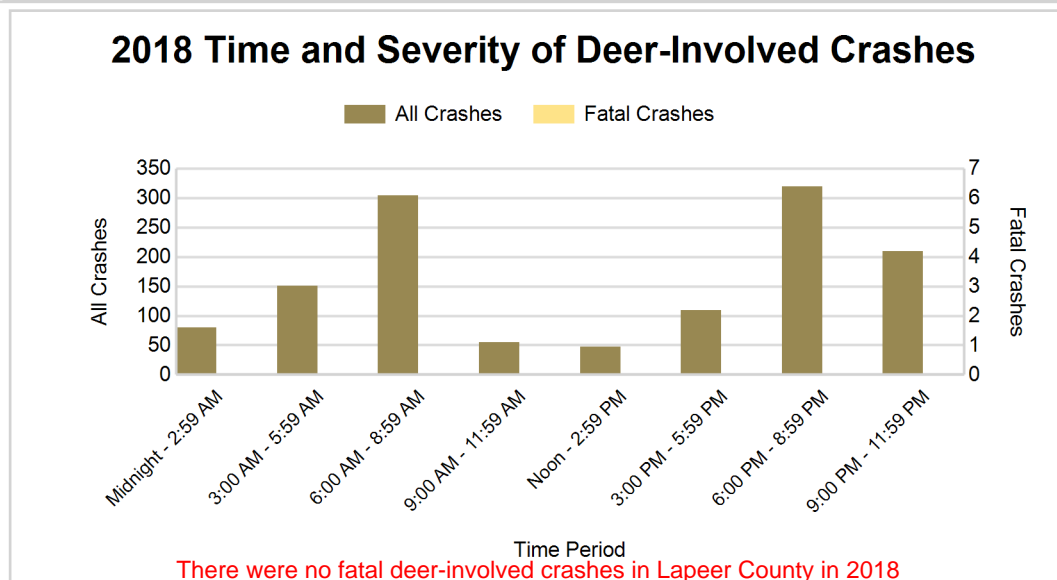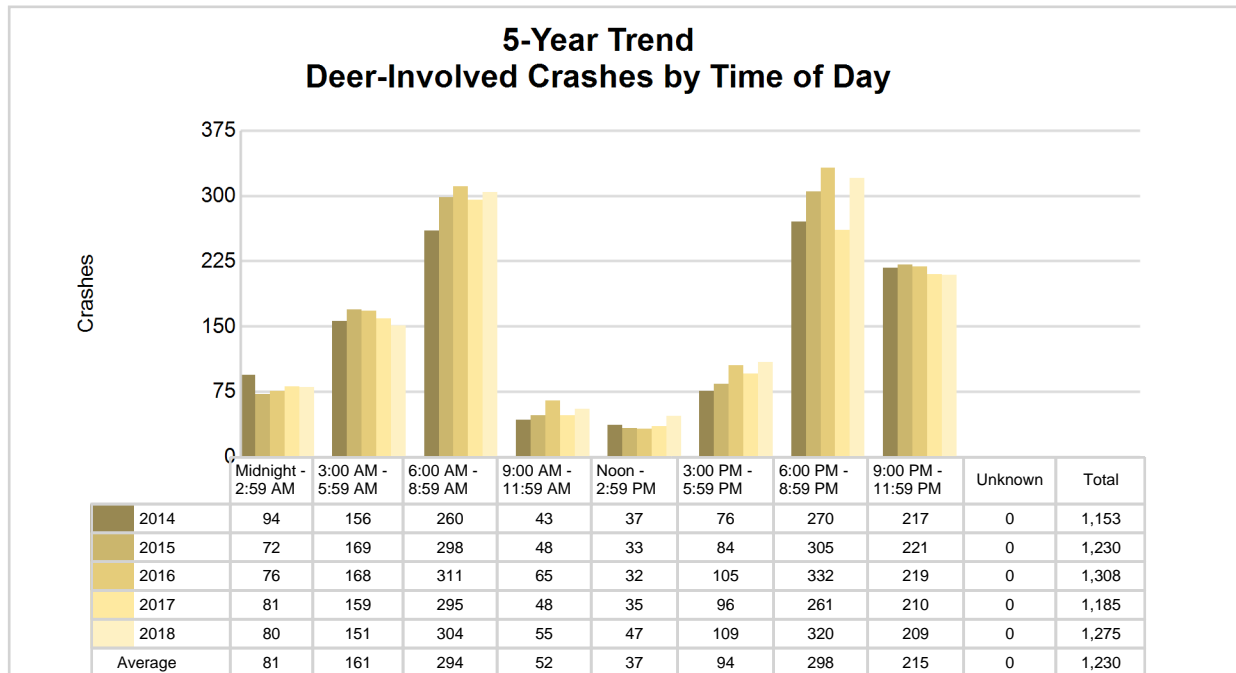

**5-Year Trend
Deer-Involved Crashes by Time of Day**

	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
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
2018	80	151	304	55	47	109	320	209	0	1,275
Average	81	161	294	52	37	94	298	215	0	1,230

2018 Time and Severity of Deer-Involved Crashes

There were no fatal deer-involved crashes in Lapeer County in 2018

Lapeer County (continued)

5-Year Trend - Crashes by Crash Type

Crash Type	2014 Total Crashes	2014 Fatal Crashes	2015 Total Crashes	2015 Fatal Crashes	2016 Total Crashes	2016 Fatal Crashes	2017 Total Crashes	2017 Fatal Crashes	2018 Total Crashes	2018 Fatal Crashes
Single motor vehicle	1,721	5	1,840	2	1,917	6	1,785	8	1,890	8
Head-on	28	2	20	0	33	1	25	0	25	3
Head-on / left turn	31	1	40	0	50	0	60	0	52	1
Angle	309	1	313	2	254	1	280	1	228	1
Rear-end	374	1	383	4	397	0	385	0	358	0
Rear-end left turn	21	0	30	0	37	0	33	0	22	0
Rear-end right turn	20	0	22	0	35	0	22	0	18	0
Sideswipe same direction	132	0	136	0	125	0	136	0	122	1
Sideswipe opposite direction	40	0	67	0	41	1	42	1	43	0
Backing	0	0	0	0	22	0	38	0	34	0
Other / Unknown	84	0	78	0	107	1	69	1	92	1
Uncoded and Errors	0	0	0	0	0	0	0	0	0	0
Total	**2,760**	**10**	**2,929**	**8**	**3,018**	**10**	**2,875**	**11**	**2,884**	**15**

5-Year Trend
Crashes by Crash Type

	Single Vehicle	Head-On	Head-On/ Left Turn	Angle	Rear-End	Rear-End LeftTurn	Rear-End Right Turn	Sideswipe Same Dir	Sideswipe Opp Dir	Backing	Unknown / Other	Total
2014	1,721	28	31	309	374	21	20	132	40	0	84	2,760
2015	1,840	20	40	313	383	30	22	136	67	0	78	2,929
2016	1,917	33	50	254	397	37	35	125	41	22	107	3,018
2017	1,785	25	60	280	385	33	22	136	42	38	69	2,875
2018	1,890	25	52	228	358	22	18	122	43	34	92	2,884
Average	1,831	26	47	277	379	29	23	130	47	19	86	2,893

Lapeer County (continued)

2018 - 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	39	0	6	33	0	0	28	11	0	0	3	0	17
Almont Twp.	166	2	19	145	0	0	75	91	5	2	83	2	29
Arcadia Twp.	85	0	8	77	0	0	0	85	0	0	67	0	12
Attica Twp.	177	0	29	148	52	0	0	125	2	0	91	0	36
Brown City	0	0	0	0	0	0	0	0	0	0	0	0	0
Burlington Twp.	34	0	5	29	0	0	0	34	1	0	23	0	10
Burnside Twp.	81	1	10	70	0	0	53	28	2	1	49	1	15
Clifford	3	0	1	2	0	0	0	3	1	1	0	0	1
Columbiaville	6	0	1	5	0	0	0	6	0	0	1	0	1
Deerfield Twp.	135	2	28	105	0	0	65	70	6	5	63	2	41
Dryden	13	0	0	13	0	0	0	13	1	0	2	0	0
Dryden Twp.	109	1	13	95	0	0	0	109	2	2	66	1	17
Elba Twp.	165	0	19	146	66	0	0	99	5	4	87	0	21
Goodland Twp.	78	1	11	66	0	0	43	35	2	1	45	1	15
Hadley Twp.	77	0	8	69	0	0	0	77	5	2	47	0	10
Imlay City	105	1	19	85	9	0	67	29	1	0	13	1	32
Imlay Twp.	143	0	23	120	44	0	24	75	3	2	77	0	29
Lapeer	426	2	52	372	28	0	188	210	15	5	36	2	78
Lapeer Twp.	239	0	32	207	62	0	32	143	3	1	120	0	40
Marathon Twp.	92	0	16	76	0	0	0	92	5	1	52	0	22
Mayfield Twp.	194	1	30	163	0	0	61	133	6	1	84	1	44
Metamora	4	0	0	4	0	0	0	4	0	0	1	0	0
Metamora Twp.	188	0	29	159	0	0	96	92	5	6	75	0	36
North Branch	18	0	5	13	0	0	13	5	0	0	1	0	7
North Branch Twp.	88	1	12	75	0	0	17	71	1	0	56	1	13
Oregon Twp.	141	1	17	123	0	0	0	141	5	3	81	1	26
Otter Lake	2	0	0	2	0	0	0	2	0	0	1	0	0
Rich Twp.	76	2	8	66	0	0	48	28	4	1	51	2	11
Unknown Community	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	**2,884**	**15**	**401**	**2,468**	**261**	**0**	**810**	**1,811**	**80**	**38**	**1,275**	**15**	**563**

Lapeer County (continued)

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

Driver Age	2014		2015		2016		2017		2018	
	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	9	0	6	0	7	0	8	0	6	0
16 - 20	528	6	533	1	586	8	543	9	474	4
21 - 24	357	15	369	17	381	18	354	19	310	9
25 - 64	2,458	68	2,654	55	2,692	72	2,611	68	2,604	60
65 +	387	2	421	5	403	2	418	5	424	7
Unknown	107	0	115	0	122	0	99	0	127	0
Total	**3,846**	**91**	**4,098**	**78**	**4,191**	**100**	**4,033**	**101**	**3,945**	**80**

5-Year Trend
Total Drivers in Crashes by Age

	0 - 15	16 - 20	21 - 24	25 - 64	65 +	Unknown	Total
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
2018	6	474	310	2,604	424	127	3,945
Average	7	533	354	2,604	411	114	4,023

5-Year Trend
Total Drivers Coded Drinking by Age

	0 - 15	16 - 20	21 - 24	25 - 64	65 +	Unknown	Total
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
2018	0	4	9	60	7	0	80
Average	0	6	16	65	4	0	90
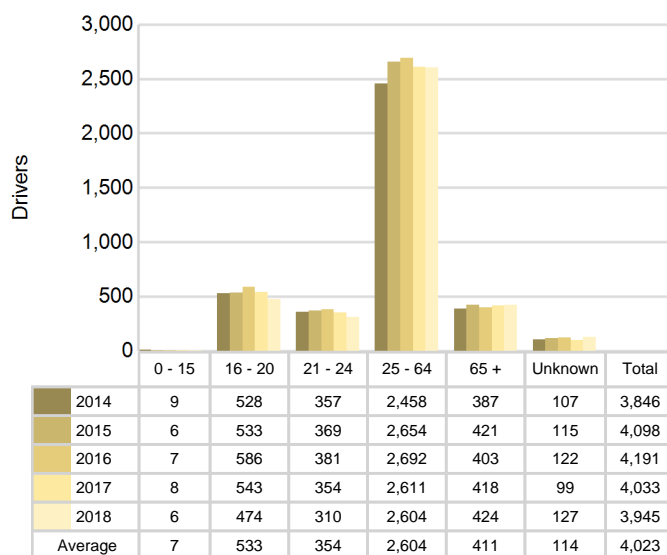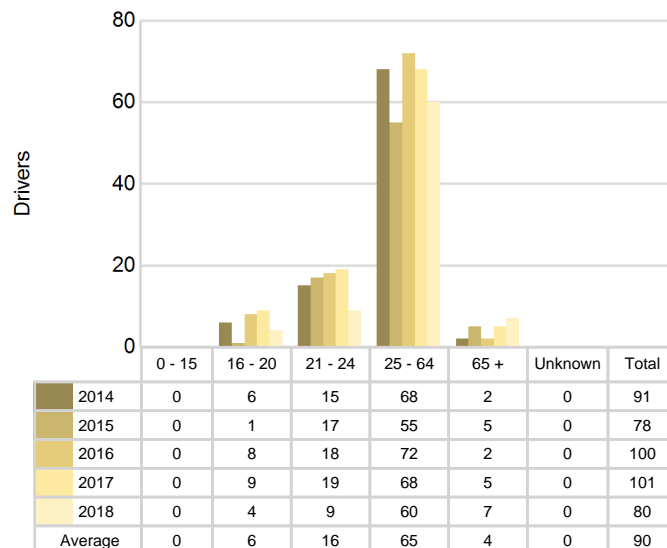
2018 - Bodily Alcohol Concentration (BAC) Results Among All Vehicle Drivers in Alcohol-Involved Crashes by Age

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	5	2	2	4	0	1	1	0	2
21 - 24	13	11	8	9	0	0	2	2	5
25 - 64	71	64	54	60	0	7	14	10	29
65 +	10	9	6	7	0	0	2	1	4
Unknown	8	0	0	0	0	0	0	0	0
Total	107	86	70	80	0	8	19	13	40

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 2018, there were 107 drivers in alcohol-involved crashes; 80 (74.8%) of those drivers were coded as had-been-drinking by the officer on the crash form.
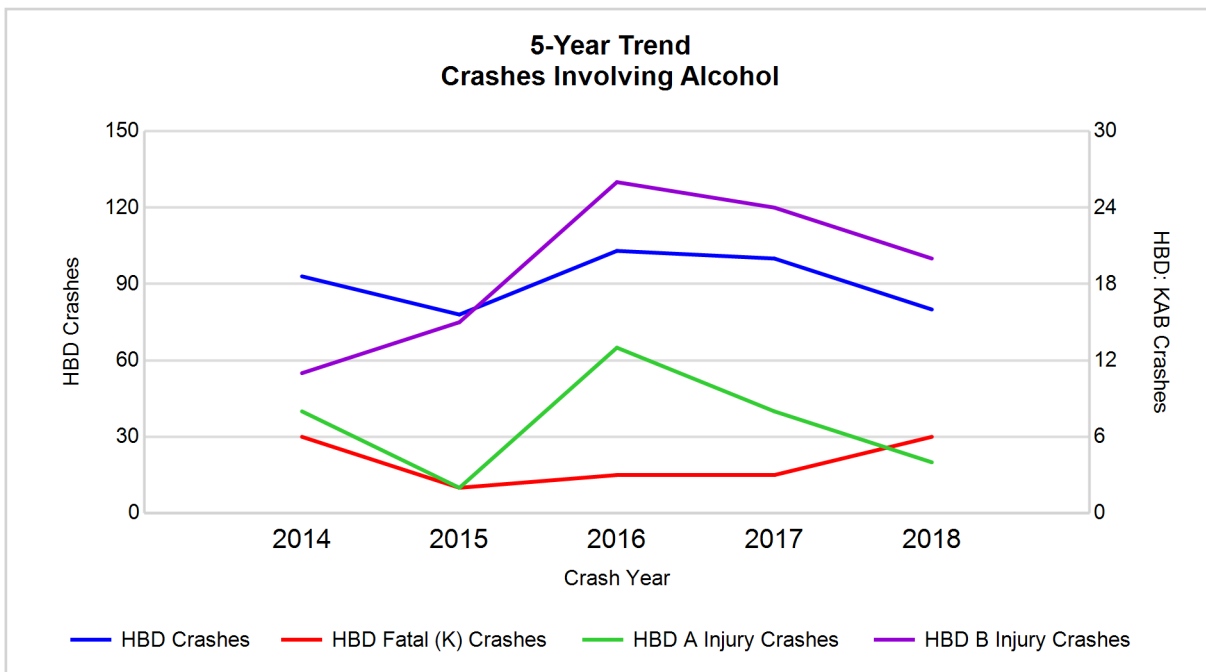
- 32 (40.0%) of the 80 drivers had a blood alcohol concentration (BAC) of 0.08 g/dL (grams per deciliter) or greater, and 13 (40.6%) of the 32 drivers had a BAC at or above 0.17 g/dL.

- 70 (87.5%) of the 80 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
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
2018	2,884	80	2.8	15**	6	40.0	45	4	8.9	178**	20	11.2

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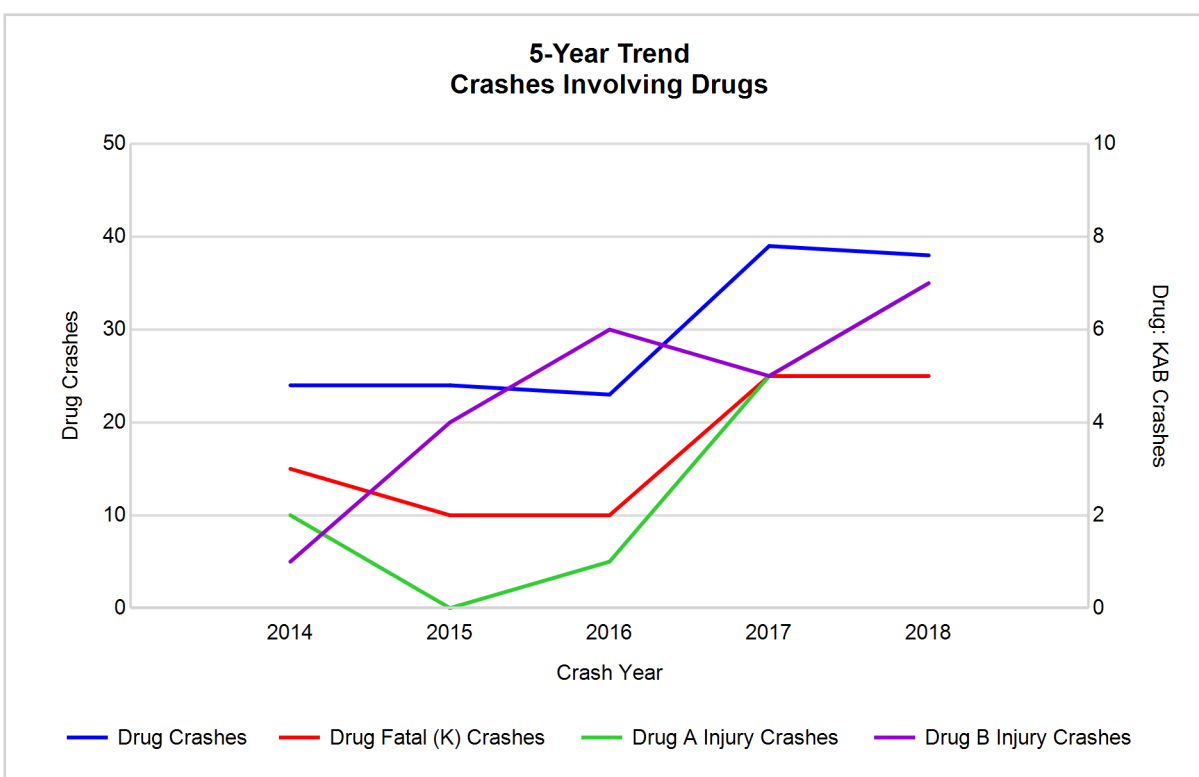

**5-Year Trend
Crashes Involving Alcohol**

Legend: HBD Crashes, HBD Fatal (K) Crashes, HBD A Injury Crashes, HBD B Injury Crashes

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
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
2018	2,884	38	1.3	15**	5	33.3	45	7**	15.6**	178**	7**	3.9**

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

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

5-Year Trend
Crashes Involving Drugs

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
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
2018	2,884	104	3.6	15**	8**	53.3	45	10	22.2	178**	25	14.0

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
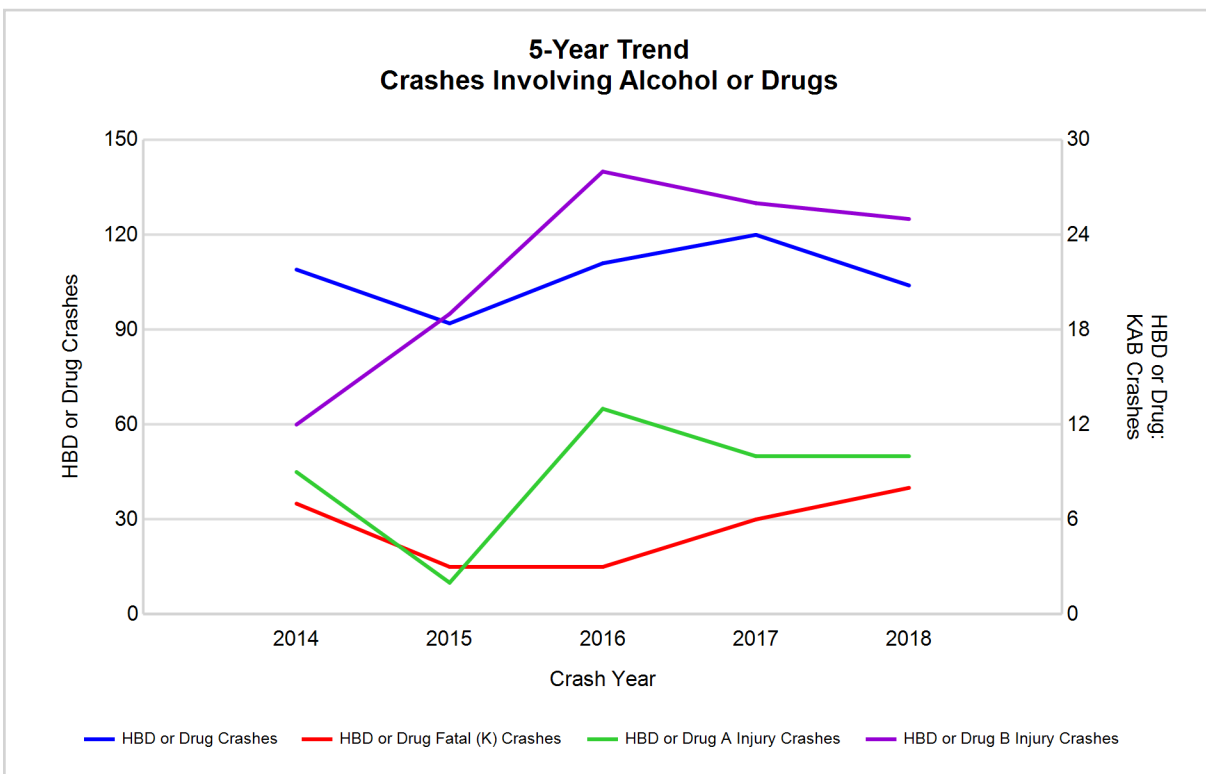

5-Year Trend
Crashes Involving Alcohol or Drugs

Note: Had-Been-Drinking (HBD)

2018 - 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	3,034	2,891	95.3	9	7	77.8	37	26	70.3	180	162	90.0	223	209	93.7	2,516	2,487	98.8
Motor home	7	7	100.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	7	7	100.0
Pickup truck	825	772	93.6	2	1	50.0	7	2	28.6	35	31	88.6	54	50	92.6	695	688	99.0
Small truck under 10,000 lbs. GVWR	31	30	96.8	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	30	30	100.0
Motorcycle	26	22	84.6	1	0	0.0	6	5	83.3	7	6	85.7	2	2	100.0	10	9	90.0
Moped / goped	0	0	0.0	0	0	0.0	0	0	0.0	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	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	2	0	0.0	1	0	0.0	0	0	0.0	1	0	0.0	0	0	0.0	0	0	0.0
Other	15	9	60.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	15	9	60.0
Truck/bus over 10,000 lbs.	110	101	91.8	0	0	0.0	0	0	0.0	1	1	100.0	2	2	100.0	103	98	95.1
Unknown	33	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0
Total	4,083	3,832	93.9	13	8	0.0	50	33	66.0	224	200	89.3	281	263	93.6	3,376	3,328	98.6

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.

2018 - 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	44	88.0	0	0	0.0	1	0	0.0	13	11	84.6	32	29	90.6	4	4	100.0
16 - 20	500	482	96.4	2	2	100.0	5	4	80.0	38	35	92.1	50	44	88.0	402	397	98.8
21 - 24	316	300	94.9	1	0	0.0	3	1	33.3	21	17	81.0	23	22	95.7	266	260	97.7
25 - 64	2,652	2,579	97.2	8	5	62.5	34	24	70.6	121	107	88.4	148	140	94.6	2,334	2,303	98.7
65 +	438	427	97.5	2	1	50.0	7	4	57.1	31	30	96.8	28	28	100.0	370	364	98.4
Unknown	127	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0
Total	4,083	3,832	93.9	13	8	0.0	50	33	66.0	224	200	89.3	281	263	93.6	3,376	3,328	98.6

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	2014			2015			2016			2017			2018		
	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	32	0	2	18	0	5	6	0	1	7	0	2	5	0	1
Shoulder belt only used	1	0	0	1	0	0	6	0	0	3	0	1	9	0	0
Lap belt only used	21	0	4	14	0	5	4	0	0	7	0	2	3	0	0
Both lap & shoulder belts used	3,566	3	328	3,808	2	360	3,942	4	424	3,811	2	389	3,681	7	367
No belts used	34	1	16	25	0	13	33	1	21	25	3	15	36	2	19
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	1	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Restraint use unknown	49	0	7	102	0	10	155	1	6	121	2	10	138	1	16
Helmet worn	21	0	16	27	2	21	17	0	15	21	0	16	20	0	11
Helmet not worn	16	3	9	12	0	8	11	2	9	7	2	5	6	2	3
Helmet use unknown	4	0	1	4	0	1	1	0	0	0	0	0	0	0	0
Uncoded & errors	101	0	0	87	0	0	16	0	0	31	0	0	46	0	0
Total	**3,846**	**7**	**383**	**4,098**	**4**	**423**	**4,191**	**8**	**476**	**4,033**	**9**	**440**	**3,945**	**12**	**418**

5-Year Trend - Restraint Use Among Drivers Coded Drinking

Restraint Use	2014			2015			2016			2017			2018		
	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	1	0	1	2	0	2	0	0	0	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	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Both lap & shoulder belts used	60	1	21	56	1	13	70	0	30	67	0	20	59	3	22
No belts used	7	1	6	2	0	1	14	1	12	12	1	8	3	1	2
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	18	0	5	15	0	3	10	0	4	16	1	6	17	1	9
Helmet worn	1	0	1	2	1	1	1	0	1	4	0	4	1	0	1
Helmet not worn	3	2	1	1	0	1	4	0	4	2	1	1	0	0	0
Helmet use unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Uncoded & errors	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	**91**	**4**	**35**	**78**	**2**	**21**	**100**	**1**	**51**	**101**	**3**	**39**	**80**	**5**	**34**

Lapeer County (continued)

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

Age Group	2014			2015			2016			2017			2018		
	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	0	0	0	0	0	0	0	0	0
16 - 20	7	0	3	7	0	6	7	0	5	3	0	3	2	0	1
21 - 24	5	0	1	4	0	0	9	1	5	4	0	3	5	0	4
25 - 64	44	1	12	28	0	10	19	0	9	22	2	10	26	1	12
65 +	9	0	2	4	0	2	4	0	3	3	1	1	8	1	3
Unknown	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	**66**	**1**	**18**	**43**	**0**	**18**	**39**	**1**	**22**	**32**	**3**	**17**	**41**	**2**	**20**

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
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
2018	0	2	5	26	8	0	41
Average	0	5	5	28	6	0	44

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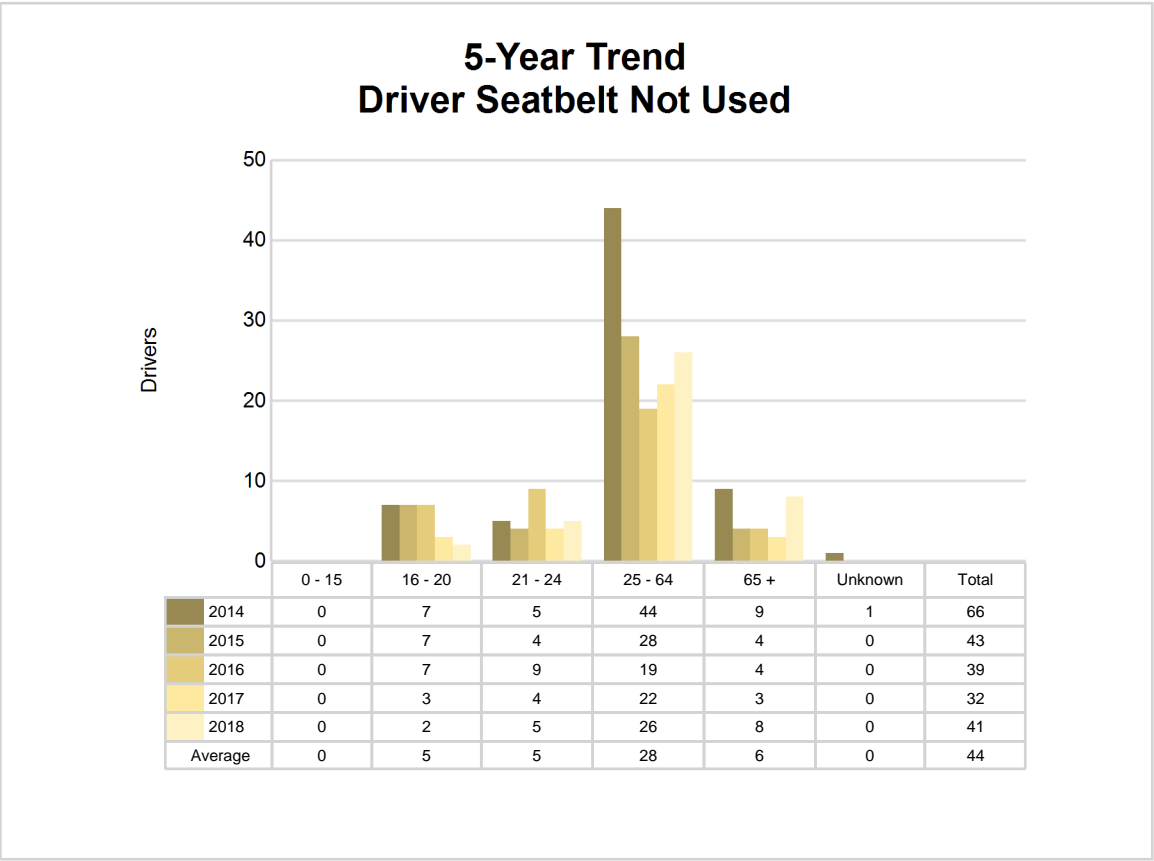
5-Year Trend - Seatbelt Used Among Drivers by Age

Age Group	2014			2015			2016			2017			2018		
	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	7	0	1	3	0	0	5	0	0	7	0	1	5	0	1
16 - 20	516	0	49	517	0	52	574	0	74	532	0	61	459	2	61
21 - 24	342	0	41	347	0	31	360	0	33	339	0	36	295	0	35
25 - 64	2,350	2	199	2,547	1	235	2,618	3	275	2,532	2	232	2,525	5	224
65 +	373	1	42	409	1	47	395	1	42	411	0	62	410	0	47
Unknown	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	**3,589**	**3**	**332**	**3,823**	**2**	**365**	**3,952**	**4**	**424**	**3,821**	**2**	**392**	**3,694**	**7**	**368**

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
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
2018	5	459	295	2,525	410	0	3,694
Average	5	520	337	2,514	400	0	3,776

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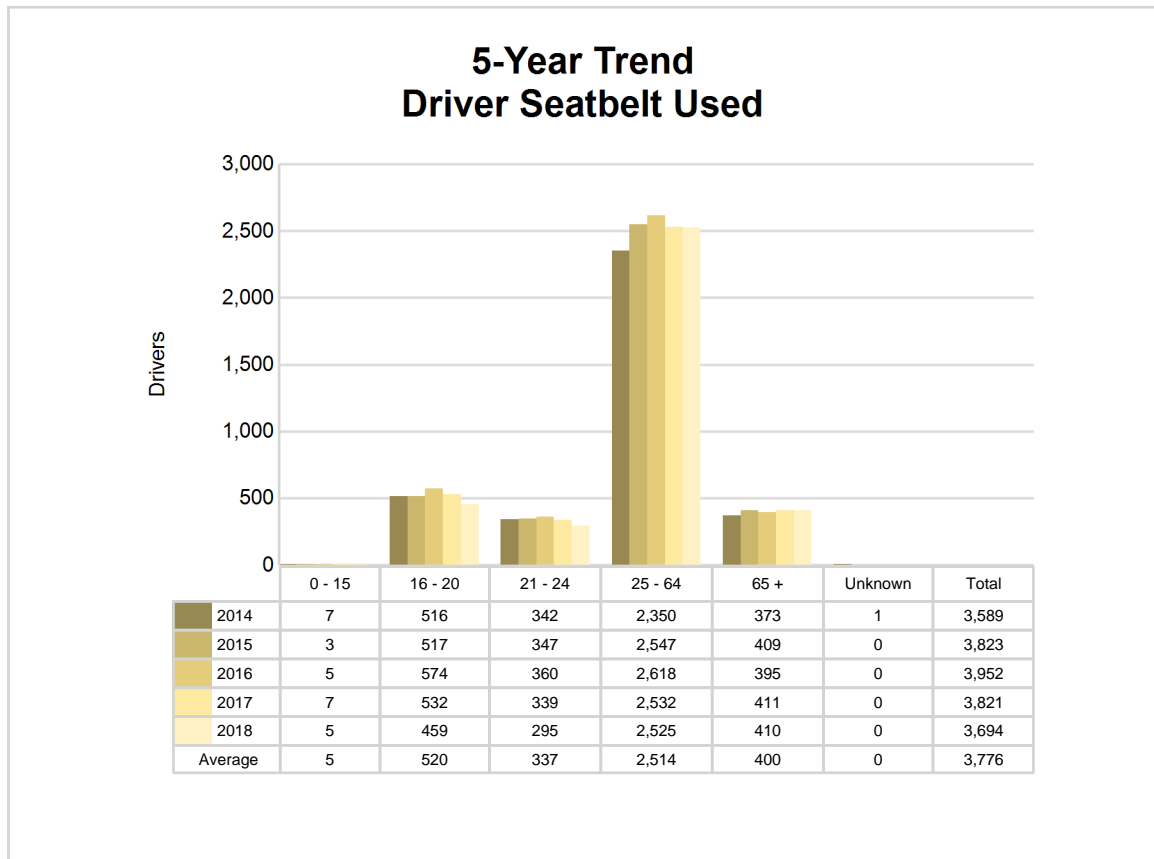
5-Year Trend - Drivers in Crashes by Hazardous Action

Hazardous Action	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	2018 Total Drivers in Crashes	2018 Drivers in Fatal Crashes
None	2,334	5	2,500	9	2,556	6	2,402	6	2,369	6
Speed too fast	303	2	371	0	289	2	282	0	342	4
Speed too slow	3	0	3	0	2	0	0	0	1	0
Failed to yield	299	2	321	2	285	0	325	0	267	2
Disregard traffic control	45	0	40	0	45	1	43	2	46	0
Drove wrong way	3	1	2	0	1	0	2	0	1	1
Drove left of center	20	0	29	0	39	1	30	1	27	1
Improper passing	15	0	13	0	23	0	27	0	18	0
Improper lane use	55	0	52	0	60	0	41	0	42	0
Improper turn	21	0	23	0	21	0	19	0	25	0
Improper/no signal	10	0	5	0	3	0	2	0	0	0
Improper backing	40	0	40	0	50	0	49	0	33	0
Unable to stop in assured clear distance	380	1	402	3	442	0	423	0	396	1
Other	159	4	119	0	135	1	144	0	137	5
Unknown	60	0	82	1	136	2	133	4	122	2
Reckless driving	9	1	19	1	10	0	13	1	15	0
Careless/negligent driving	90	0	68	0	63	1	70	0	63	0
Uncoded & errors	0	0	9	0	31	0	28	0	41	0
Total	**3,846**	**16**	**4,098**	**16**	**4,191**	**14**	**4,033**	**14**	**3,945**	**22**
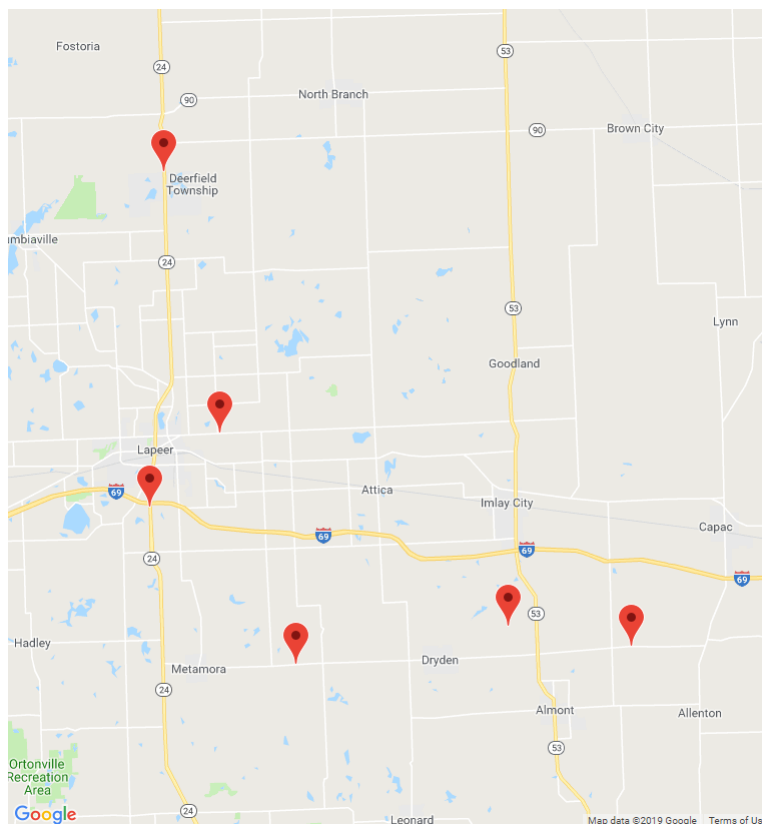
The picture above represents all 2018 alcohol-involved fatal crashes in Lapeer County.

In 2018, there were 80 alcohol-involved crashes in Lapeer County:

6   K - Fatal Crashes

4   A - Suspected Serious Injury Crashes

20   B - Suspected Minor Injury Crashes

11   C - Possible Injury Crashes

39   O - Property Damage Only/No Injury Crashes

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