



2017

MTCF
Michigan Traffic
Crash Facts

Michigan Traffic Crash Facts

Reporting Criteria

Please pay particular attention to the wording when interpreting the three levels of data gathered for this report.

Crash

The Crash Level analyzes data related to crash events and returns one result per crash.

Examples: Time, weather, and location.

Units

The Units Level analyzes the experience of the units in the crash and returns one result per vehicle, driver, pedestrian, bicyclist, or train.

Examples: Vehicle type, driver condition, and unit events.

People

The People Level analyzes the experience of the people involved in the crash and returns one result per occupant/person/party.

Examples: Age, injury severity, and seat belt or helmet use.

KABCO Injury Indicator:

K = Killed

A = Suspected Serious Injury

B = Suspected Minor Injury

C = Possible Injury

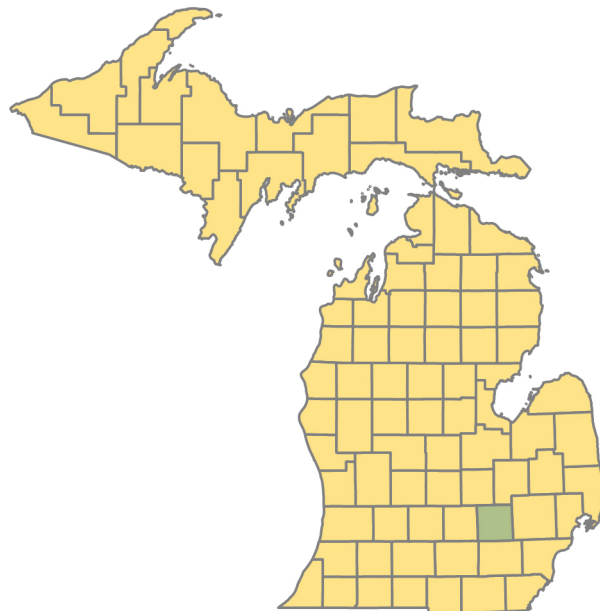
O = No Injury

Property Damage Only (PDO)



Livingston County

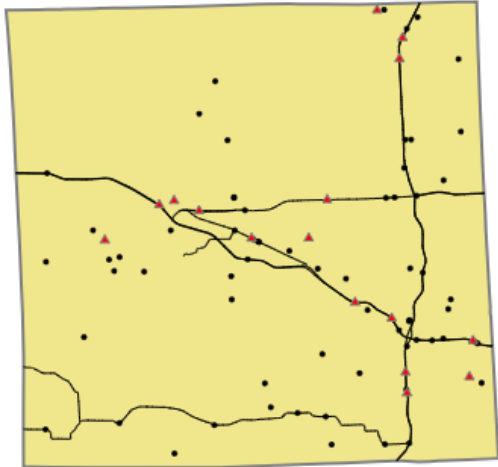
2017 Traffic Crash Data & 2013-2017 5-Year Trends



Sources:

The crashes in this report occurred on public roadways in Michigan and resulted in injuries, fatalities, or property damage (with \$1,000 as a reporting threshold). The information was gathered from Michigan Traffic Crash Report Forms (UD-10) submitted by local police departments, sheriff's offices, and the Michigan State Police. Other related information was obtained from the departments of Transportation, State, and Community Health.

This page left intentionally blank



Crashes by most severe injury (mapped/actual)

- ▲ K - Fatal (16/16)
- A - Suspected Serious (66/66)

Livingston County

In 2017:

There were 7,553 drivers involved in 4,610 motor vehicle crashes in Livingston County. Of those crashes, 16 were classified as fatal, resulting in 23 fatalities. An additional 941 persons were injured.

Livingston County experienced the highest number of motor vehicle crashes (665) in December, the highest number of fatal crashes (3) in April, and the highest number of persons killed (6) in April and May.

Michigan driver statistics indicate 7.9 percent of licensed drivers in Livingston County were age 16-20, and 14.9 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	281	2	31	248	2	40
February	273	2	34	237	2	40
March	398	1	67	330	1	96
April	322	3	43	276	6	67
May	398	2	65	331	6	87
June	338	2	62	274	2	78
July	290	0	55	235	0	67
August	342	0	58	284	0	71
September	342	1	72	269	1	87
October	487	1	89	397	1	128
November	474	2	55	417	2	72
December	665	0	93	572	0	108
Total	4,610	16	724	3,870	23	941

2017 - Driver Statistics

Age Group	Livingston County			Driver Rates	
	2017 Population	Licensed Drivers	Drivers in Crashes	Per 10k Population	Per 10k Licensed
0 - 15	35,344	1,560	19	5.4	121.8
16 - 20	12,369	12,190	1,127	911.1	924.5
21 - 24	9,032	9,826	790	874.7	804.0
25 - 64	101,627	101,259	4,565	449.2	450.8
65 +	31,279	29,692	762	243.6	256.6
Unknown	0	0	290	- -	- -
Total	189,651	154,527	7,553	398.3	488.8

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	6,097	80.7	24	75.0	1,000	5,073
Motor home	106	1.4	0	0.0	14	92
Pickup truck	903	12.0	4	12.5	146	753
Small truck under 10,000 lbs. GVWR	64	0.8	0	0.0	6	58
Motorcycle	53	0.7	1	3.1	43	9
Moped / goped	3	0.0	0	0.0	3	0
Go-cart / golf cart	1	0.0	0	0.0	0	1
Snowmobile	0	0.0	0	0.0	0	0
Off-Road Vehicle - ORV / All-Terrain Vehicle - ATV	1	0.0	0	0.0	1	0
Other	26	0.3	0	0.0	5	21
Truck/bus over 10,000 lbs.	226	3.0	3	9.4	36	187
Unknown	73	1.0	0	0.0	4	69
Total	7,553	100.0	32	100.0	1,258	6,263

5-Year Trend - Crashes by Month

Month	2013		2014		2015		2016		2017	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
January	454	2	580	1	596	1	480	1	281	2
February	398	1	448	4	421	0	424	1	273	2
March	274	2	362	2	320	1	367	2	398	1
April	237	2	241	2	283	1	335	0	322	3
May	376	0	369	1	381	1	370	0	398	2
June	321	0	293	1	399	0	375	0	338	2
July	287	1	316	0	337	1	352	5	290	0
August	353	2	289	2	345	2	364	1	342	0
September	327	3	345	1	373	0	443	5	342	1
October	496	1	427	0	462	3	457	1	487	1
November	454	1	569	1	618	1	432	1	474	2
December	538	0	367	3	442	1	530	3	665	0
Total	4,515	15	4,606	18	4,977	12	4,929	20	4,610	16

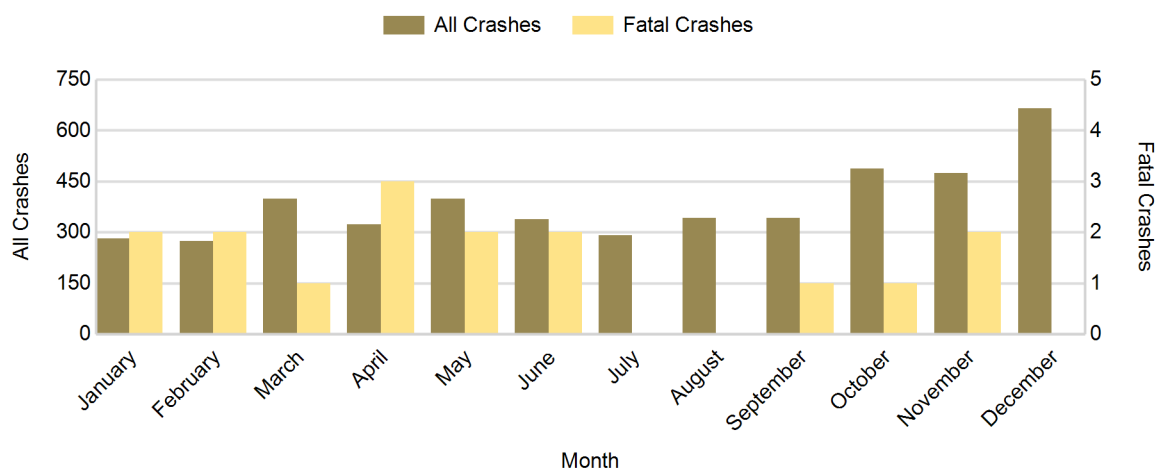
Note: † Indicates that the highest number of total crashes reported in the 5-year period occurred in the same month

5-Year Trend - Crashes by Day of Week

Day	2013		2014		2015		2016		2017	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Monday	603	2	614	1	723	0	651	2	659	1
Tuesday	658	0	663	1	696	2	762	2	671	2
Wednesday	699	1	714	1	795	5	799	3	649	2
Thursday	683	3	737	1	682	1	723	4	734	2
Friday	770 †	3	777 †	4	854 †	2	831 †	5	787 †	1
Saturday	628	3	615	8	685	1	647	3	573	4
Sunday	474	3	486	2	542	1	516	1	537	4
Total	4,515	15	4,606	18	4,977	12	4,929	20	4,610	16

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

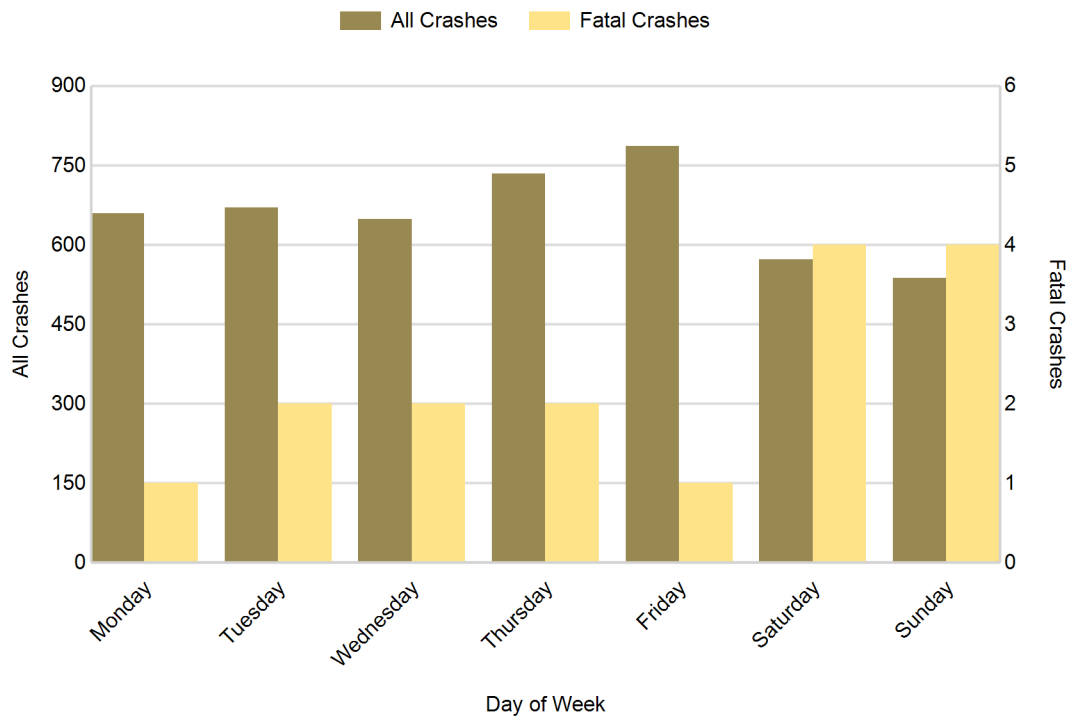
2017 Crashes by Month



2017 - Crashes by Day of Week

Day	All Crashes		Fatal Crashes		Injury Crashes			PDO Crashes
	Number	% of Total	Number	% of Fatal	A	B	C	Number
Monday	659	14.3	1	6.3	8	31	54	565
Tuesday	671	14.6	2	12.5	4	31	56	578
Wednesday	649	14.1	2	12.5	5	36	58	548
Thursday	734	15.9	2	12.5	7	34	74	617
Friday	787	17.1	1	6.3	13	41	82	650
Saturday	573	12.4	4	25.0	16	35	40	478
Sunday	537	11.6	4	25.0	13	40	46	434
Total	4,610	100.0	16	100.0	66	248	410	3,870

2017 Day of Week and Severity

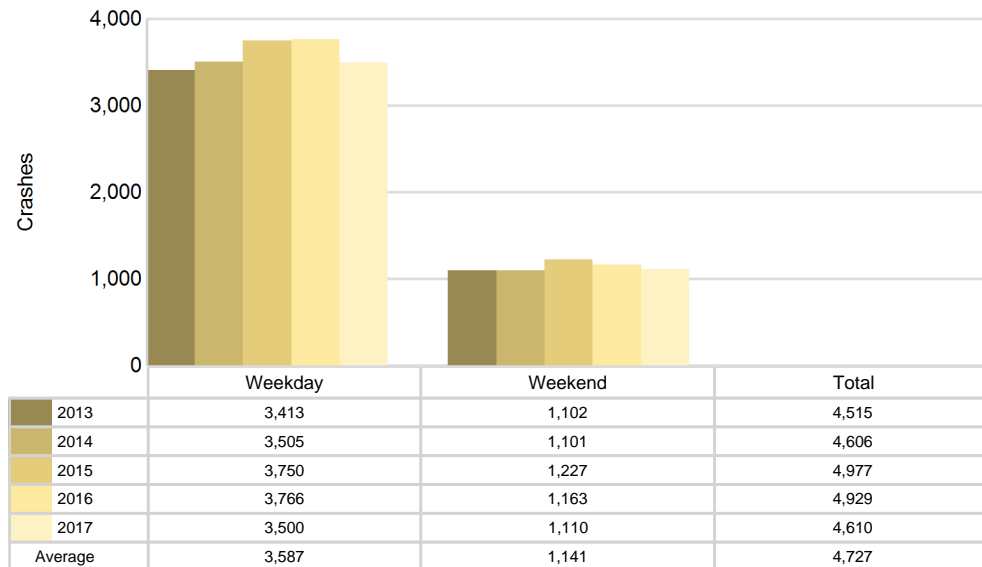


Livingston County (continued)

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	3,413	9	3,505	8	3,750	10	3,766	16	3,500	8
Weekend	1,102	6	1,101	10	1,227	2	1,163	4	1,110	8
Total	4,515	15	4,606	18	4,977	12	4,929	20	4,610	16

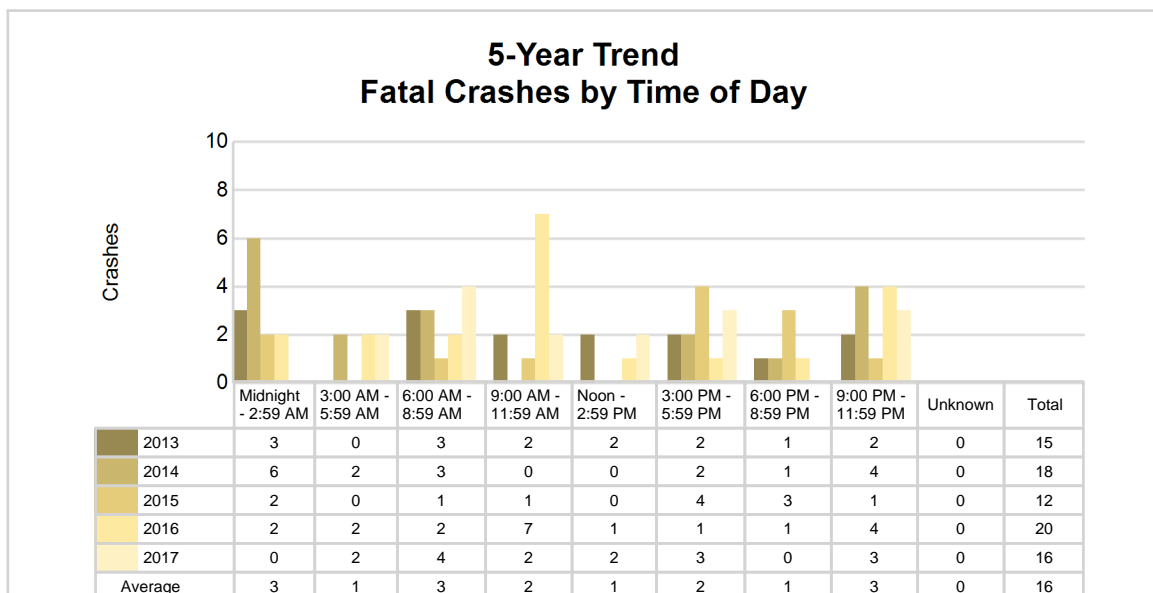
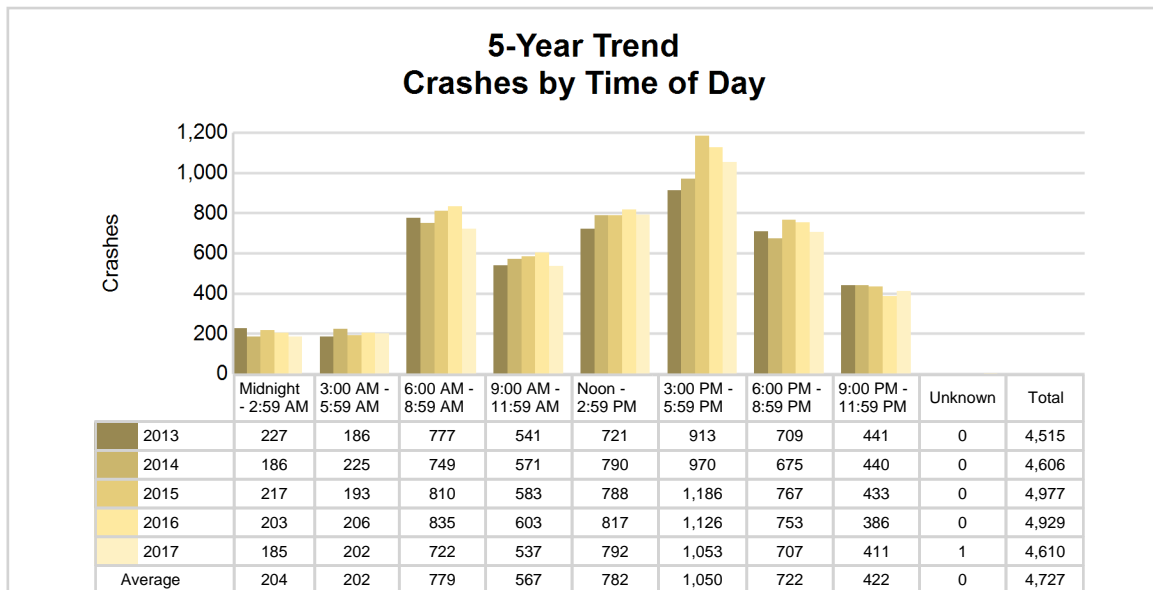
5-Year Crash Trends by Weekday (Monday - Friday) and Weekend (Saturday & Sunday)



5-Year Trend - Crashes by Time of Day

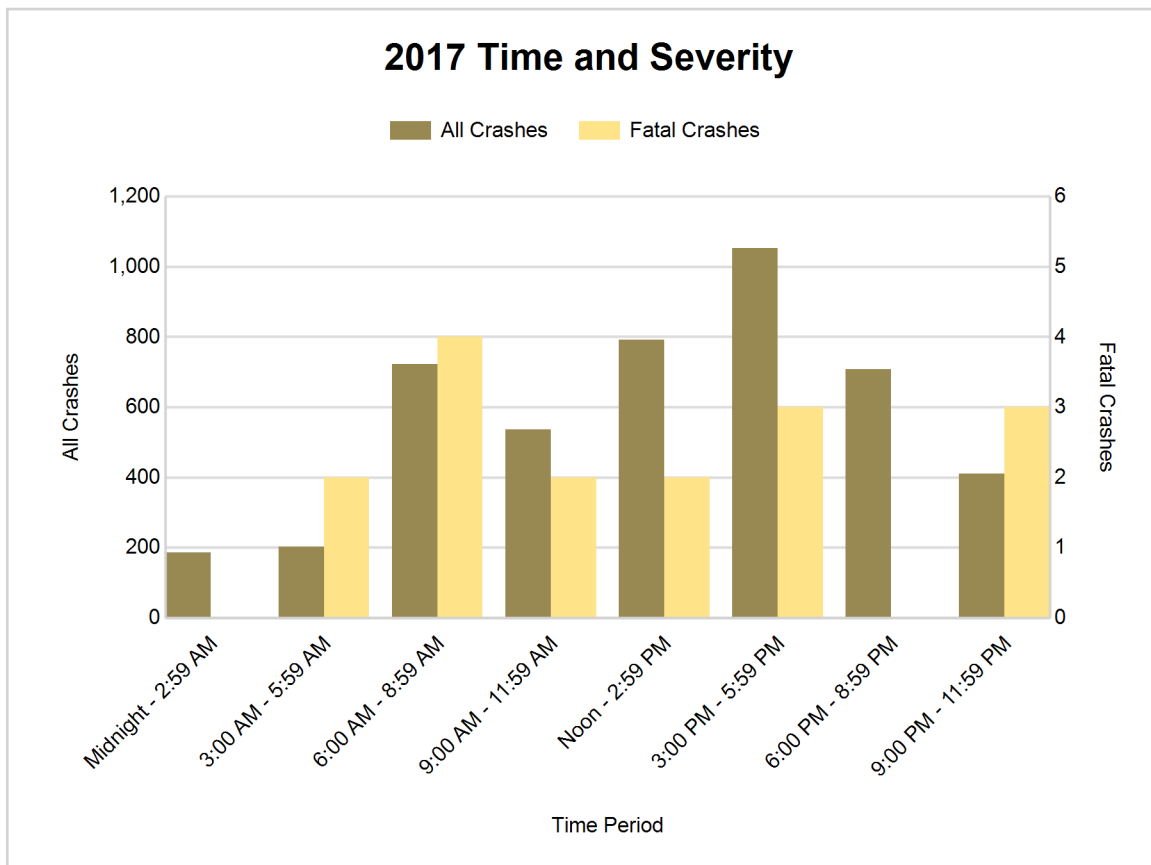
Time of Day	2013		2014		2015		2016		2017	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Midnight - 2:59 AM	227	3	186	6	217	2	203	2	185	0
3:00 AM - 5:59 AM	186	0	225	2	193	0	206	2	202	2
6:00 AM - 8:59 AM	777	3	749	3	810	1	835	2	722	4
9:00 AM - 11:59 AM	541	2	571	0	583	1	603	7	537	2
Noon - 2:59 PM	721	2	790	0	788	0	817	1	792	2
3:00 PM - 5:59 PM	913 †	2	970 †	2	1,186 †	4	1,126 †	1	1,053 †	3
6:00 PM - 8:59 PM	709	1	675	1	767	3	753	1	707	0
9:00 PM - 11:59 PM	441	2	440	4	433	1	386	4	411	3
Unknown	0	0	0	0	0	0	0	0	1	0
Total	4,515	15	4,606	18	4,977	12	4,929	20	4,610	16

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



2017 - Time and Severity

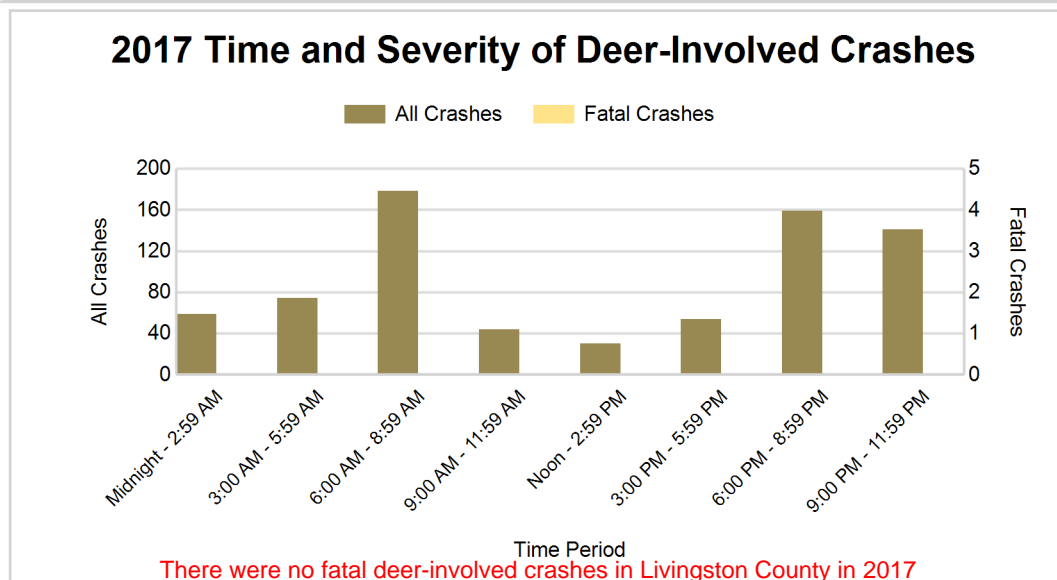
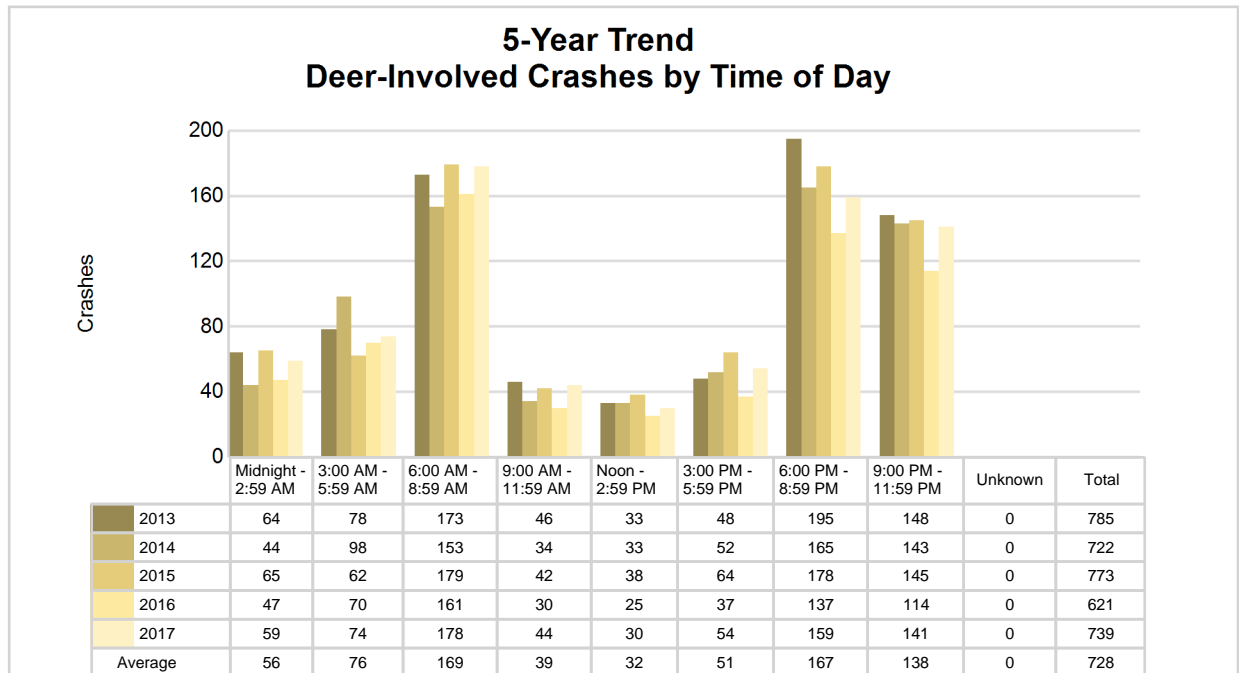
Time of Day	All Crashes		Fatal Crashes		Injury Crashes			PDO Crashes
	Number	% of Total	Number	% of Fatal	A	B	C	Number
Midnight - 2:59 AM	185	4.0	0	0.0	10	13	7	155
3:00 AM - 5:59 AM	202	4.4	2	12.5	1	10	20	169
6:00 AM - 8:59 AM	722	15.7	4	25.0	6	26	59	627
9:00 AM - 11:59 AM	537	11.6	2	12.5	9	32	56	438
Noon - 2:59 PM	792	17.2	2	12.5	11	46	88	645
3:00 PM - 5:59 PM	1,053	22.8	3	18.8	15	55	94	886
6:00 PM - 8:59 PM	707	15.3	0	0.0	9	43	49	606
9:00 PM - 11:59 PM	411	8.9	3	18.8	5	23	37	343
Unknown	1	0.0	0	0.0	0	0	0	1
Total	4,610	100.0	16	100.0	66	248	410	3,870



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	64	0	44	0	65	0	47	0	59	0
3:00 AM - 5:59 AM	78	0	98	0	62	0	70	0	74	0
6:00 AM - 8:59 AM	173	0	153	0	179	0	161	0	178	0
9:00 AM - 11:59 AM	46	0	34	0	42	0	30	0	44	0
Noon - 2:59 PM	33	0	33	0	38	0	25	0	30	0
3:00 PM - 5:59 PM	48	0	52	0	64	0	37	0	54	0
6:00 PM - 8:59 PM	195	0	165	0	178	1	137	0	159	0
9:00 PM - 11:59 PM	148	0	143	0	145	0	114	0	141	0
Unknown	0	0	0	0	0	0	0	0	0	0
Total	785	0	722	0	773	1	621	0	739	0

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



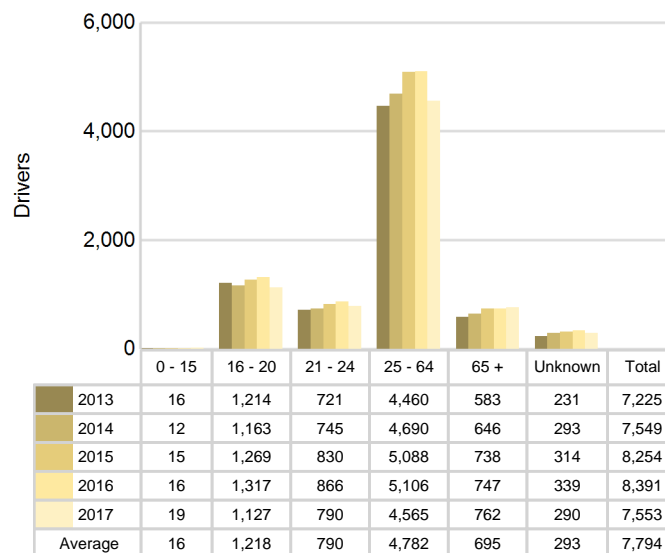
2017 - Reported Motor Vehicle Crashes by Municipality

Municipality	Crashes											Persons	
	Total	Fatal	Injury	Property Damage	Inter-state	US Route	State Route	Local Street	Alcohol-Involved	Drug-Involved	Deer-Involved	Fatalities	Injuries
Brighton	378	1	56	321	122	0	0	256	16	4	7	1	66
Brighton Twp.	605	1	105	499	205	116	0	283	24	8	63	1	145
Cohoctah Twp.	44	0	13	31	0	0	0	44	4	2	11	0	15
Conway Twp.	59	0	7	52	0	0	0	59	2	2	29	0	9
Deerfield Twp.	72	0	8	64	0	0	0	72	7	0	33	0	8
Fenton	1	0	0	1	0	0	0	0	0	0	0	0	0
Fowlerville	38	0	4	34	1	0	0	37	0	0	2	0	5
Genoa Twp.	509	1	73	435	237	0	0	271	23	8	74	1	87
Green Oak Twp.	518	3	85	430	1	212	21	284	25	7	41	5	101
Hamburg Twp.	224	0	32	192	0	0	75	146	19	7	53	0	47
Handy Twp.	188	0	35	153	103	0	0	85	8	2	48	0	46
Hartland Twp.	512	0	73	439	0	172	180	159	10	8	56	0	93
Howell	247	0	50	197	91	0	101	55	6	2	14	0	71
Howell Twp.	276	3	30	243	114	0	56	106	12	4	74	3	41
Iosco Twp.	73	1	16	56	0	0	0	73	6	2	28	1	25
Marion Twp.	174	0	30	144	41	0	4	128	7	2	42	0	38
Oceola Twp.	224	3	35	186	4	0	100	120	9	2	50	7	55
Pinckney	39	0	7	32	0	0	20	19	2	0	3	0	7
Putnam Twp.	127	0	16	111	0	0	28	99	10	3	38	0	17
Tyrone Twp.	248	3	40	205	0	123	0	125	17	5	45	4	52
Unadilla Twp.	54	0	9	45	0	0	23	31	5	3	28	0	13
Unknown Community	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	4,610	16	724	3,870	919	623	608	2,452	212	71	739	23	941

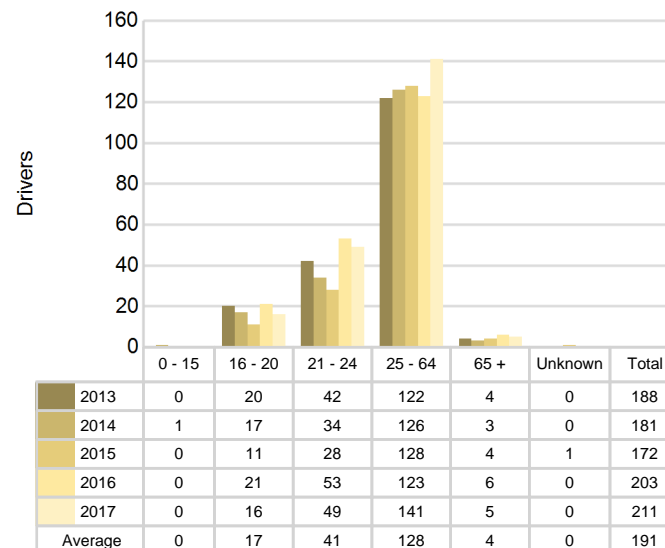
5-Year Trend - Drivers in Crashes Coded Drinking by Driver Age

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	16	0	12	1	15	0	16	0	19	0
16 - 20	1,214	20	1,163	17	1,269	11	1,317	21	1,127	16
21 - 24	721	42	745	34	830	28	866	53	790	49
25 - 64	4,460	122	4,690	126	5,088	128	5,106	123	4,565	141
65 +	583	4	646	3	738	4	747	6	762	5
Unknown	231	0	293	0	314	1	339	0	290	0
Total	7,225	188	7,549	181	8,254	172	8,391	203	7,553	211

5-Year Trend Total Drivers in Crashes by Age



5-Year Trend Total Drivers Coded Drinking by Age



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

Age Group	Drivers				BAC Result Range for Drivers Coded Drinking				
	Total Drivers in Alcohol-Involved Crashes	Total Drivers Tested in all Crashes	Total Drivers Coded Drinking, Tested	Total Drivers Coded Drinking	BAC = 0.00	BAC 0.01 g/dL to 0.07 g/dL	BAC 0.08 g/dL to 0.16 g/dL	BAC 0.17 g/dL and Above	BAC Not Reported
0 - 15	0	0	0	0	0	0	0	0	0
16 - 20	22	11	9	16	0	0	3	2	11
21 - 24	58	41	41	49	0	3	11	12	23
25 - 64	192	127	110	141	3	13	33	29	63
65 +	11	6	4	5	0	1	0	1	3
Unknown	7	0	0	0	0	0	0	0	0
Total	290	185	164	211	3	17	47	44	100

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 290 drivers in alcohol-involved crashes; 211 (72.8%) of those drivers were coded as had-been-drinking by the officer on the crash form.

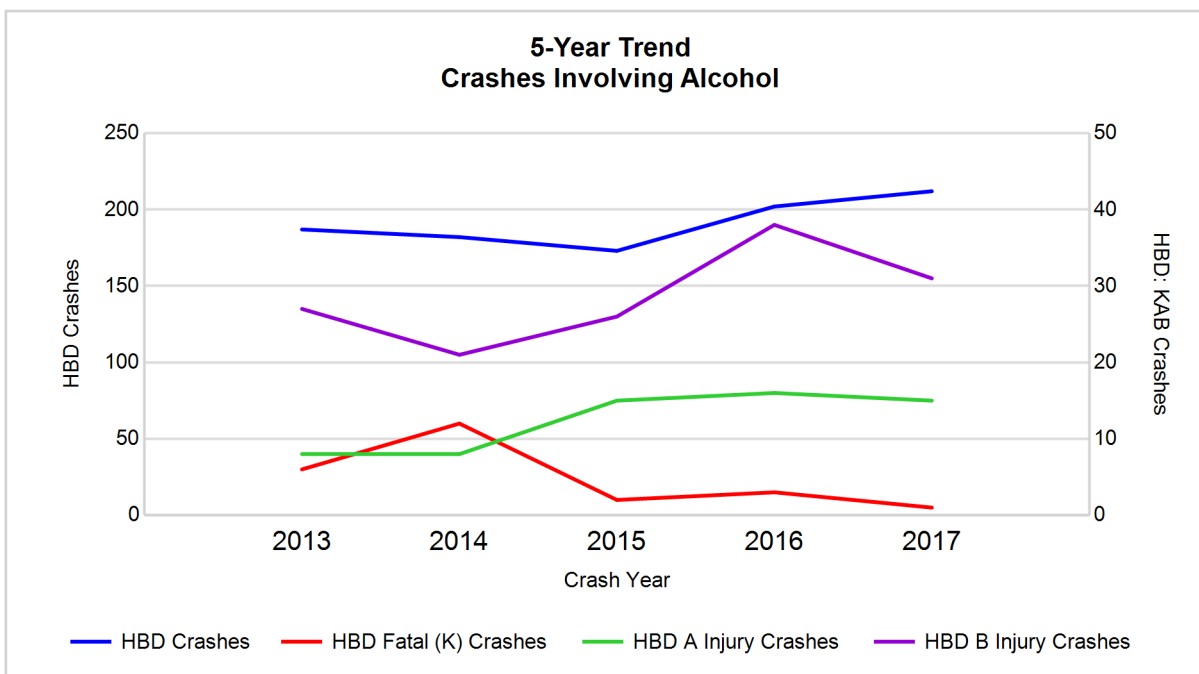
- 91 (43.1%) of the 211 drivers had a blood alcohol concentration (BAC) of 0.08 g/dL (grams per deciliter) or greater, and 44 (48.4%) of the 91 drivers had a BAC at or above 0.17 g/dL.
- 164 (77.7%) of the 211 drivers were coded as had-been-drinking and were tested for alcohol consumption.

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	4,515	187	4.1	15	6	40.0	42	8	19.0	250	27	10.8
2014	4,606	182	4.0	18	12	66.7	52	8	15.4	230	21	9.1
2015	4,977	173	3.5	12	2	16.7	63	15	23.8	289	26	9.0
2016	4,929	202	4.1	20	3	15.0	64	16	25.0	260	38	14.6
2017	4,610	212**	4.6**	16	1*	6.3*	66**	15	22.7	248	31	12.5

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



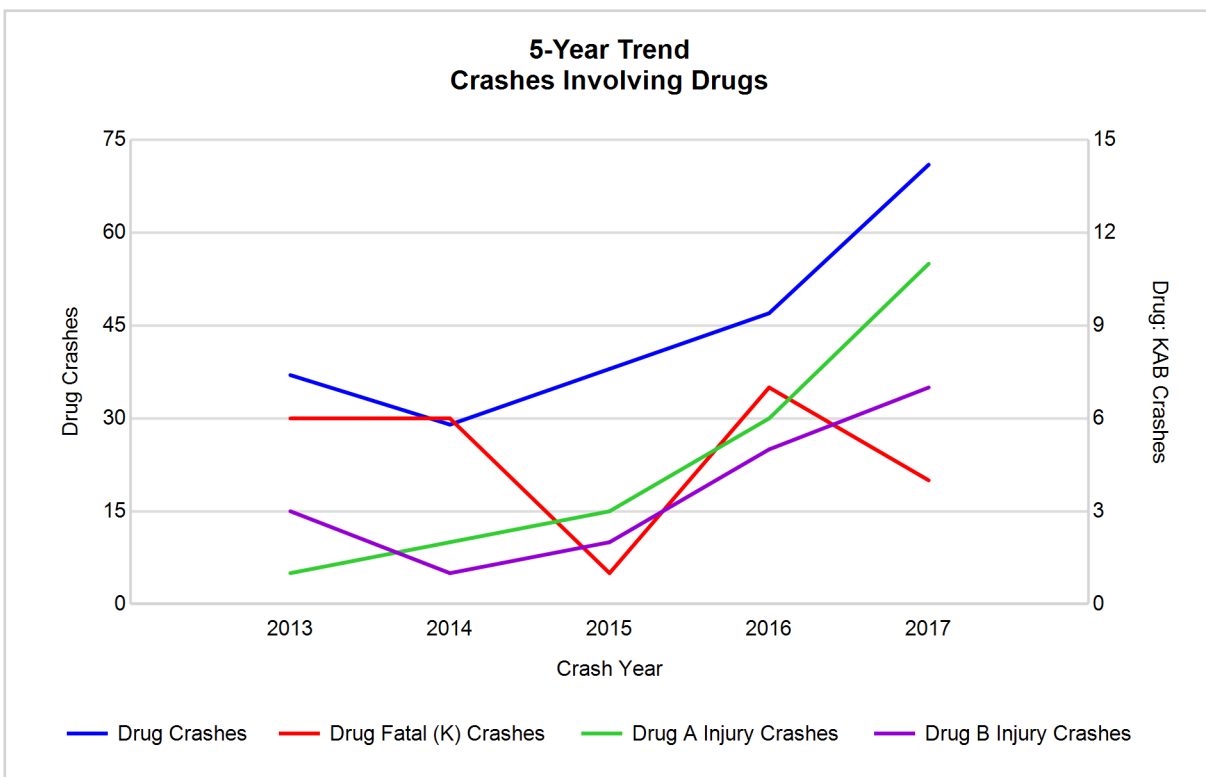
Note: Had-Been-Drinking (HBD)

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	4,515	37	0.8	15	6	40.0	42	1	2.4	250	3	1.2
2014	4,606	29	0.6	18	6	33.3	52	2	3.8	230	1	0.4
2015	4,977	38	0.8	12	1	8.3	63	3	4.8	289	2	0.7
2016	4,929	47	1.0	20	7	35.0	64	6	9.4	260	5	1.9
2017	4,610	71**	1.5**	16	4	25.0	66**	11**	16.7**	248	7**	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

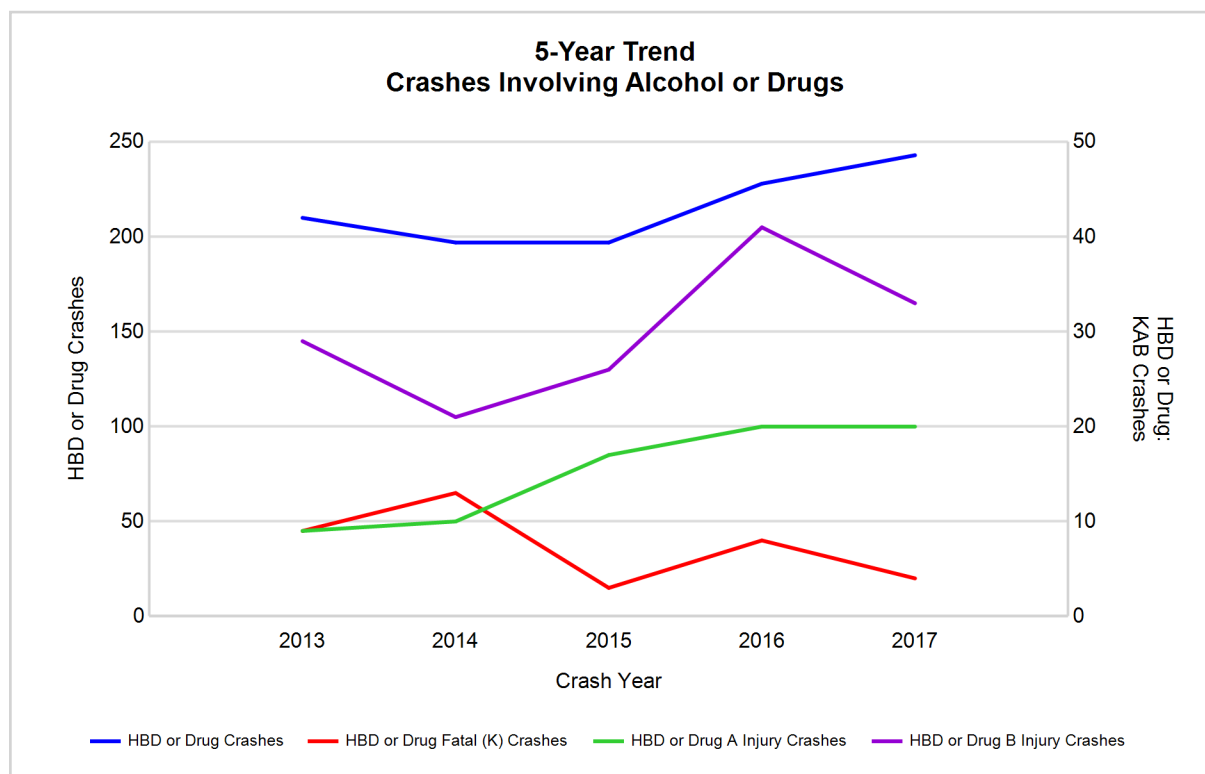


5-Year Trend - Crashes Involving Alcohol or Drugs

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	4,515	210	4.7	15	9	60.0	42	9	21.4	250	29	11.6
2014	4,606	197	4.3	18	13	72.2	52	10	19.2	230	21	9.1
2015	4,977	197	4.0	12	3	25.0	63	17	27.0	289	26	9.0
2016	4,929	228	4.6	20	8	40.0	64	20	31.3	260	41	15.8
2017	4,610	243**	5.3**	16	4	25.0	66**	20	30.3	248	33	13.3

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)

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	6,257	5,916	94.6	17	13	76.5	54	40	74.1	227	210	92.5	456	437	95.8	5,382	5,216	96.9
Motor home	111	105	94.6	0	0	0.0	1	1	100.0	6	2	33.3	6	6	100.0	98	96	98.0
Pickup truck	921	866	94.0	0	0	0.0	8	8	100.0	30	22	73.3	50	47	94.0	814	789	96.9
Small truck under 10,000 lbs. GVWR	65	59	90.8	0	0	0.0	0	0	0.0	0	0	0.0	3	3	100.0	61	56	91.8
Motorcycle	57	38	66.7	1	0	0.0	14	10	71.4	27	19	70.4	6	4	66.7	9	5	55.6
Moped / goped	3	2	66.7	0	0	0.0	1	0	0.0	1	1	100.0	1	1	100.0	0	0	0.0
Go-cart / golf cart	1	1	100.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	1	1	100.0
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	1	1	100.0	0	0	0.0	0	0	0.0	1	1	100.0	0	0	0.0	0	0	0.0
Other	26	16	61.5	0	0	0.0	0	0	0.0	1	1	100.0	0	0	0.0	21	15	71.4
Truck/bus over 10,000 lbs.	226	214	94.7	1	1	100.0	0	0	0.0	8	7	87.5	3	2	66.7	213	204	95.8
Unknown	73	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	2	0	0.0	8	0	0.0
Total	7,741	7,218	93.2	19	14	0.0	78	59	75.6	301	263	87.4	527	500	94.9	6,607	6,382	96.6

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.

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	57	55	96.5	0	0	0.0	1	0	0.0	9	9	100.0	30	29	96.7	17	17	100.0
16 - 20	1,168	1,133	97.0	1	1	100.0	12	11	91.7	59	53	89.8	87	82	94.3	1,006	986	98.0
21 - 24	803	763	95.0	1	0	0.0	16	13	81.3	33	26	78.8	52	46	88.5	700	678	96.9
25 - 64	4,632	4,493	97.0	8	7	87.5	42	29	69.0	154	131	85.1	299	290	97.0	4,123	4,036	97.9
65 +	791	768	97.1	9	6	66.7	7	6	85.7	45	44	97.8	55	53	96.4	675	659	97.6
Unknown	290	6	2.1	0	0	0.0	0	0	0.0	1	0	0.0	4	0	0.0	86	6	7.0
Total	7,741	7,218	93.2	19	14	0.0	78	59	75.6	301	263	87.4	527	500	94.9	6,607	6,382	96.6

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.

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	21	0	2	14	0	2	17	0	2	19	0	5	10	0	0
Shoulder belt only used	6	0	0	1	0	0	2	0	0	10	0	2	11	0	1
Lap belt only used	10	0	1	12	0	2	13	0	1	9	0	0	6	0	1
Both lap & shoulder belts used	6,736	4	655	6,995	7	625	7,672	2	719	7,779	10	717	6,996	10	630
No belts used	60	6	26	49	5	23	60	2	28	54	2	28	25	0	14
Child restraint used	0	0	0	0	0	0	1	0	0	1	0	0	6	0	0
Child restraint not used, unavailable or improper use	0	0	0	2	0	0	0	0	0	1	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	152	1	21	172	1	18	177	0	16	282	2	20	441	0	33
Helmet worn	53	1	35	44	1	30	39	2	25	41	0	31	38	0	33
Helmet not worn	14	0	12	20	1	16	33	1	16	19	2	12	17	1	13
Helmet use unknown	2	0	1	4	0	3	6	2	1	3	0	2	1	0	1
Uncoded & errors	171	0	0	236	0	0	234	0	0	173	0	0	2	0	0
Total	7,225	12	753	7,549	15	719	8,254	9	808	8,391	16	817	7,553	11	726

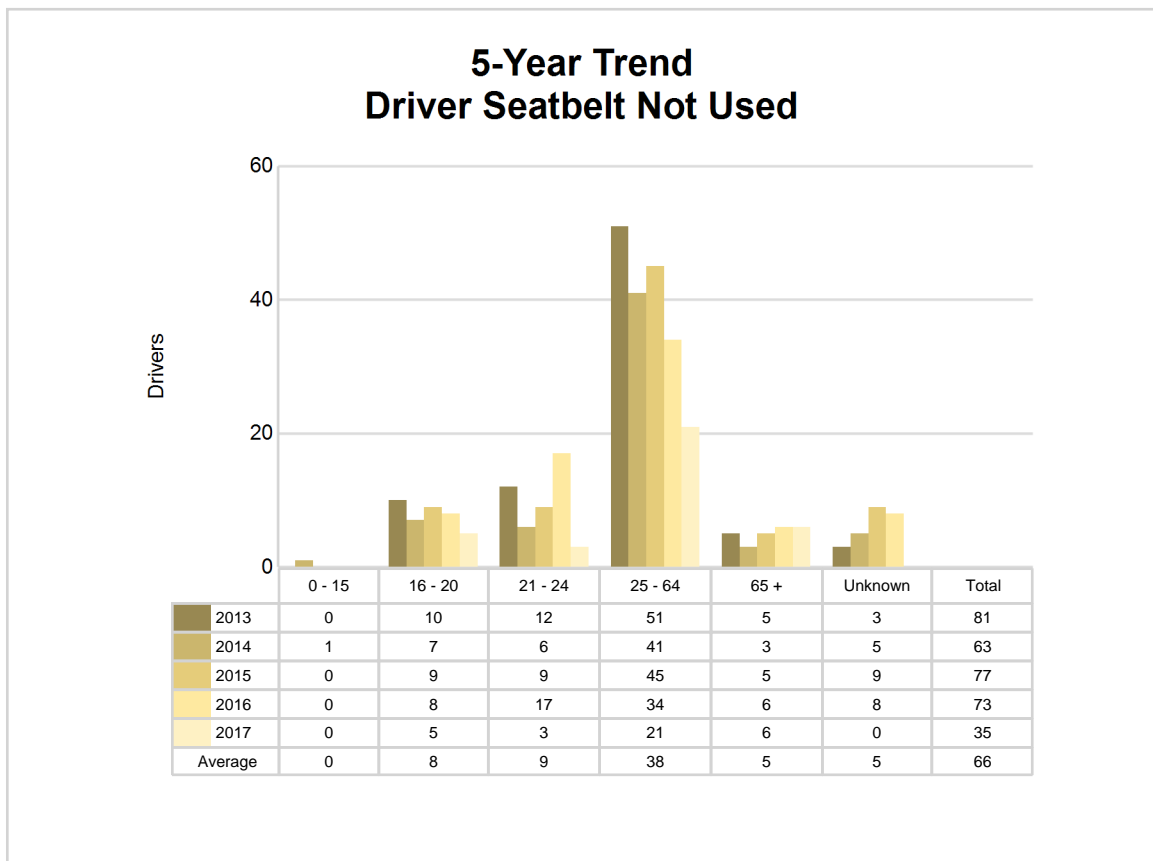
5-Year Trend - Restraint Use Among Drivers Coded Drinking

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	1	0	1	2	0	0	1	0	1	0	0	0	0	0	0
Shoulder belt only used	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Lap belt only used	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Both lap & shoulder belts used	136	1	33	139	5	26	122	0	20	137	0	38	162	0	46
No belts used	20	2	9	15	4	8	16	1	10	18	2	12	10	0	7
Child restraint used	0	0	0	0	0	0	0	0	0	0	0	0	1	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	19	0	4	22	0	6	26	0	6	38	0	13	34	0	10
Helmet worn	8	0	4	1	0	1	2	0	2	2	0	2	2	0	2
Helmet not worn	3	0	2	2	1	1	4	1	2	7	0	7	1	0	1
Helmet use unknown	1	0	0	0	0	0	1	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	188	3	53	181	10	42	172	2	41	203	2	72	211	0	66

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

Age Group	2013			2014			2015			2016			2017		
	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers
0 - 15	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0
16 - 20	10	1	3	7	0	5	9	0	3	8	0	4	5	0	3
21 - 24	12	0	4	6	1	2	9	0	6	17	0	9	3	0	3
25 - 64	51	5	19	41	4	15	45	2	19	34	2	15	21	0	7
65 +	5	0	2	3	0	1	5	0	2	6	0	5	6	0	1
Unknown	3	0	0	5	0	1	9	0	0	8	0	0	0	0	0
Total	81	6	28	63	5	25	77	2	30	73	2	33	35	0	14

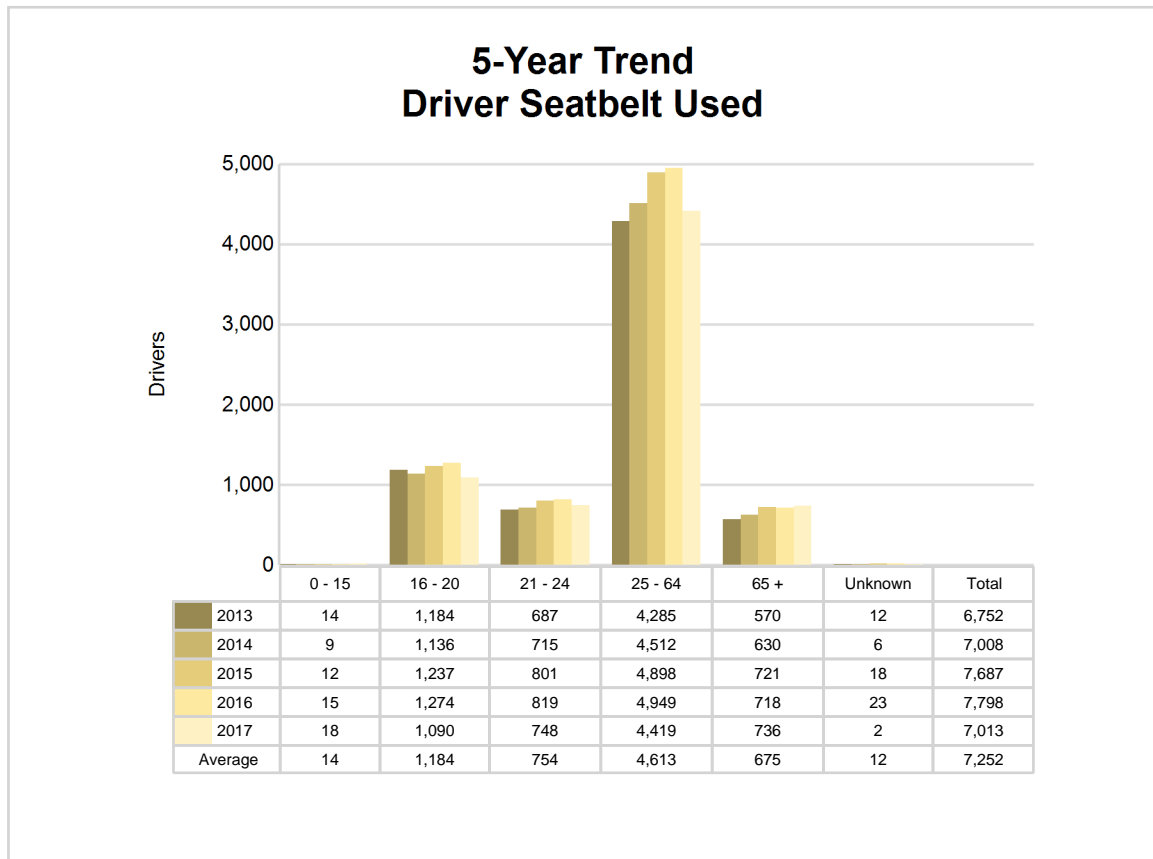
Note: Seatbelt Not Used includes no belts available or no belts used.



5-Year Trend - Seatbelt Used Among Drivers by Age

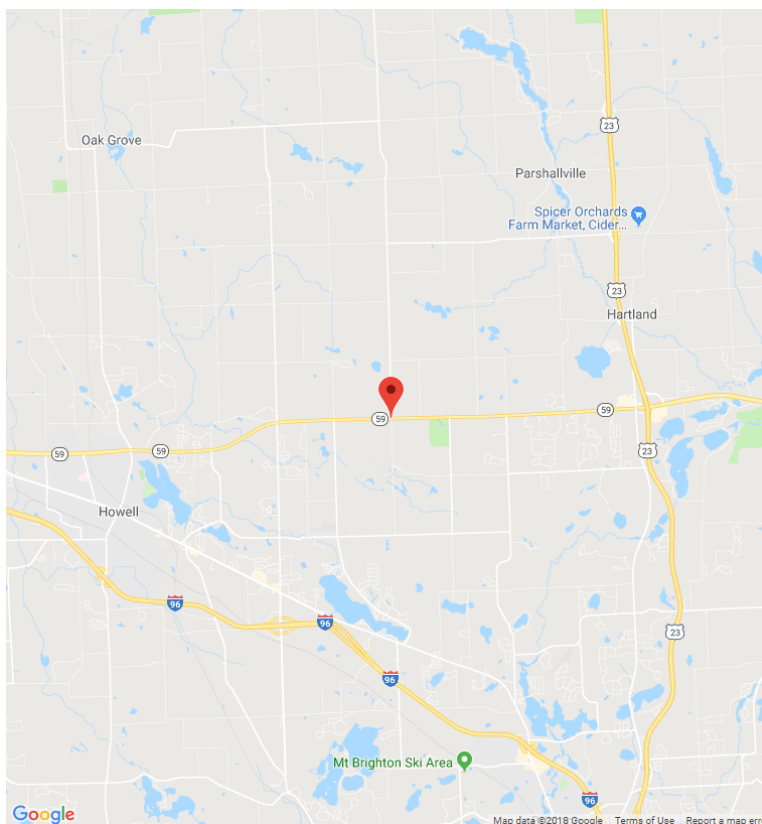
Age Group	2013			2014			2015			2016			2017		
	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers
0 - 15	14	0	3	9	0	1	12	0	2	15	0	2	18	0	1
16 - 20	1,184	0	113	1,136	2	93	1,237	0	116	1,274	1	93	1,090	0	107
21 - 24	687	1	61	715	2	55	801	0	65	819	0	85	748	0	72
25 - 64	4,285	2	421	4,512	1	403	4,898	1	448	4,949	4	447	4,419	5	379
65 +	570	1	58	630	2	74	721	1	89	718	5	92	736	5	73
Unknown	12	0	0	6	0	1	18	0	0	23	0	0	2	0	0
Total	6,752	4	656	7,008	7	627	7,687	2	720	7,798	10	719	7,013	10	632

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	2013		2014		2015		2016		2017	
	Total Drivers in Crashes	Drivers in Fatal Crashes	Total Drivers in Crashes	Drivers in Fatal Crashes	Total Drivers in Crashes	Drivers in Fatal Crashes	Total Drivers in Crashes	Drivers in Fatal Crashes	Total Drivers in Crashes	Drivers in Fatal Crashes
None	3,700	6	3,916	7	4,222	8	4,221	14	3,875	18
Speed too fast	814	4	831	4	781	0	776	4	705	0
Speed too slow	3	0	3	0	3	0	10	0	6	0
Failed to yield	617	1	641	2	749	1	775	3	721	1
Disregard traffic control	67	1	47	1	71	1	61	1	59	0
Drove wrong way	2	0	5	1	1	0	2	0	2	0
Drove left of center	40	3	47	1	47	0	46	0	34	0
Improper passing	37	0	32	0	30	0	30	0	35	1
Improper lane use	134	0	148	0	184	0	184	0	171	1
Improper turn	39	0	52	1	45	0	64	0	41	1
Improper/no signal	4	0	7	1	6	0	3	0	6	0
Improper backing	49	0	73	0	73	0	69	0	51	0
Unable to stop in assured clear distance	1,034	0	1,024	0	1,205	0	1,288	1	1,028	1
Other	195	2	208	2	206	3	203	1	156	1
Unknown	56	0	118	4	103	1	120	2	141	1
Reckless driving	52	3	39	0	65	1	77	2	63	4
Careless/negligent driving	382	1	358	2	463	3	443	3	445	3
Uncoded & errors	0	0	0	0	0	0	19	0	14	0
Total	7,225	21	7,549	26	8,254	18	8,391	31	7,553	32



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

In 2017, there were 212 alcohol-involved crashes in Livingston County:

- 1 K - Fatal Crash
- 15 A - Suspected Serious Injury Crashes
- 31 B - Suspected Minor Injury Crashes
- 29 C - Possible Injury Crashes
- 136 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

