



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

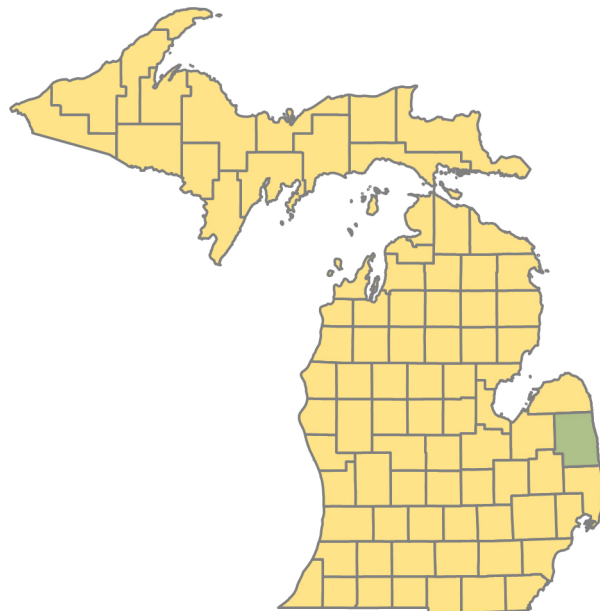
O = No Injury

Property Damage Only (PDO)



Sanilac County

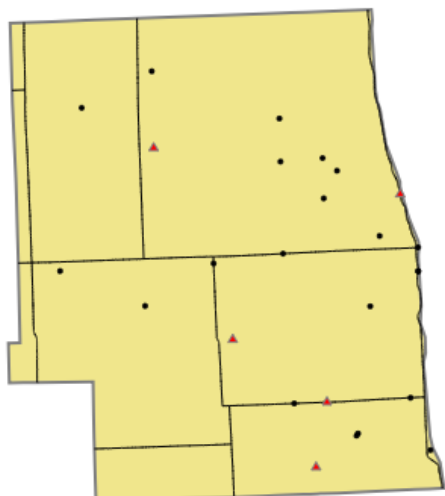
2017 Traffic Crash Data & 2013-2017 5-Year Trends



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.

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Crashes by most severe injury (mapped/actual)

- ▲ K - Fatal (5/5)
- A - Suspected Serious (21/21)

Sanilac County

In 2017:

There were 1,714 drivers involved in 1,474 motor vehicle crashes in Sanilac County. Of those crashes, 5 were classified as fatal, resulting in 5 fatalities. An additional 217 persons were injured.

Sanilac County experienced the highest number of motor vehicle crashes (178) in November, the highest number of fatal crashes (2) and the highest number of persons killed (2) in June.

Michigan driver statistics indicate 6.6 percent of licensed drivers in Sanilac County were age 16-20, and 10.6 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	116	1	7	108	1	9
February	101	0	10	91	0	12
March	122	0	11	111	0	13
April	88	0	9	79	0	12
May	105	0	10	95	0	13
June	130	2	16	112	2	25
July	110	0	14	96	0	22
August	71	1	19	51	1	33
September	112	0	17	95	0	25
October	170	1	13	156	1	18
November	178	0	9	169	0	13
December	171	0	17	154	0	22
Total	1,474	5	152	1,317	5	217

2017 - Driver Statistics

Age Group	Sanilac County			Driver Rates	
	2017 Population	Licensed Drivers	Drivers in Crashes	Per 10k Population	Per 10k Licensed
0 - 15	7,811	247	3	3.8	121.5
16 - 20	2,391	2,041	181	757.0	886.8
21 - 24	1,841	1,684	127	689.8	754.2
25 - 64	20,566	19,261	1,161	564.5	602.8
65 +	8,660	7,869	207	239.0	263.1
Unknown	0	0	35	- -	- -
Total	41,269	31,102	1,714	415.3	551.1

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	1,213	70.8	3	42.9	140	1,070
Motor home	1	0.1	0	0.0	0	1
Pickup truck	408	23.8	1	14.3	54	353
Small truck under 10,000 lbs. GVWR	13	0.8	0	0.0	3	10
Motorcycle	13	0.8	0	0.0	9	4
Moped / goped	0	0.0	0	0.0	0	0
Go-cart / golf cart	1	0.1	0	0.0	1	0
Snowmobile	0	0.0	0	0.0	0	0
Off-Road Vehicle - ORV / All-Terrain Vehicle - ATV	8	0.5	1	14.3	7	0
Other	16	0.9	1	14.3	6	9
Truck/bus over 10,000 lbs.	28	1.6	1	14.3	7	20
Unknown	13	0.8	0	0.0	1	12
Total	1,714	100.0	7	100.0	228	1,479

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	164	0	138	1	137	1	133	0	116	1
February	88	1	148	0	89	1	110	1	101	0
March	115	0	143	0	114	0	102	0	122	0
April	103	0	105	1	103	0	100	0	88	0
May	106	0	76	1	85	0	103	1	105	0
June	119	0	101	0	118	0	102	0	130	2
July	101	0	94	0	86	1	103	1	110	0
August	88	0	80	2	67	0	92	0	71	1
September	109	1	84	0	86	0	117	1	112	0
October	171	0	189	1	140	0	191	0	170	1
November	260 †	1	216 †	1	224 †	2	266 †	1	178 †	0
December	140	0	150	0	133	1	164	0	171	0
Total	1,564	3	1,524	7	1,382	6	1,583	5	1,474	5

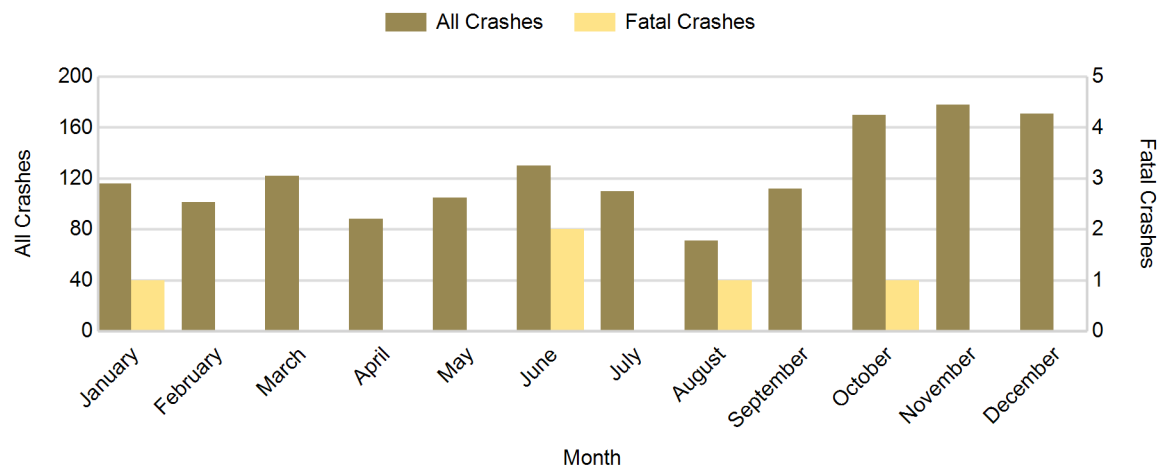
Note: † Indicates that the highest number of total crashes reported in the 5-year period occurred in the same month

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	197	0	212	1	193	0	224	1	214	0
Tuesday	219	2	223	2	221	0	222	0	224	2
Wednesday	227	0	228	0	210	2	234	1	200	1
Thursday	222	0	232	2	207	2	241	1	217	0
Friday	304	1	244	1	195	0	258	1	241	0
Saturday	203	0	202	0	213	2	225	1	207	0
Sunday	192	0	183	1	143	0	179	0	171	2
Total	1,564	3	1,524	7	1,382	6	1,583	5	1,474	5

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

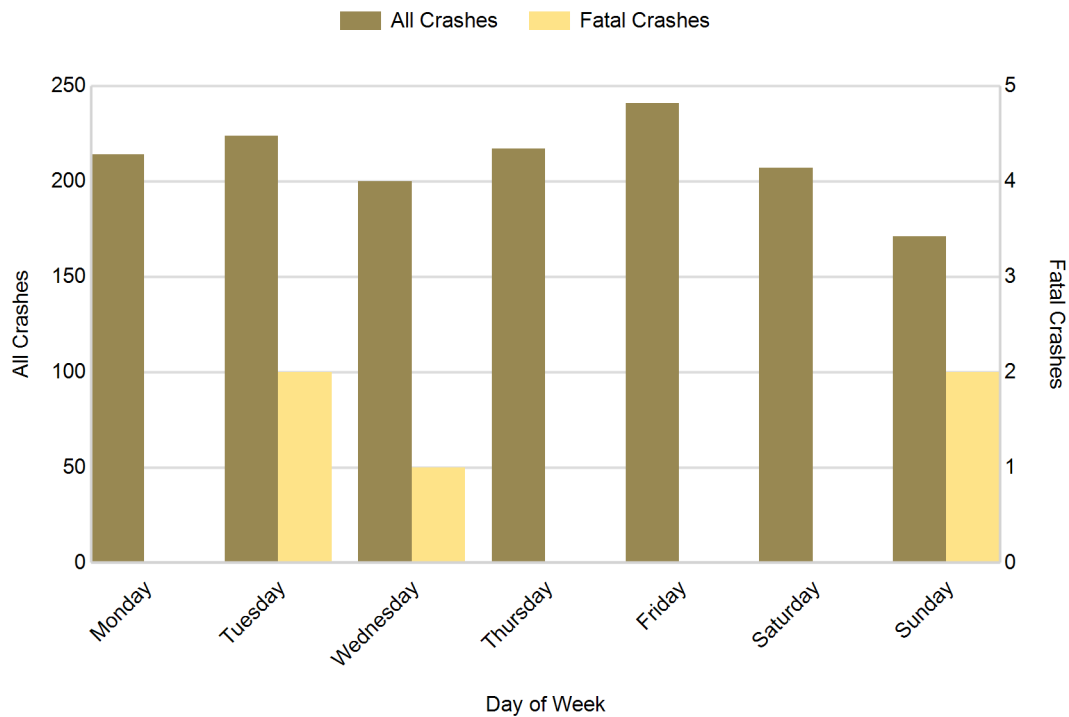
2017 Crashes by Month



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	214	14.5	0	0.0	0	7	10	197
Tuesday	224	15.2	2	40.0	1	5	9	207
Wednesday	200	13.6	1	20.0	3	7	12	177
Thursday	217	14.7	0	0.0	4	7	7	199
Friday	241	16.4	0	0.0	7	11	16	207
Saturday	207	14.0	0	0.0	3	11	12	181
Sunday	171	11.6	2	40.0	3	8	9	149
Total	1,474	100.0	5	100.0	21	56	75	1,317

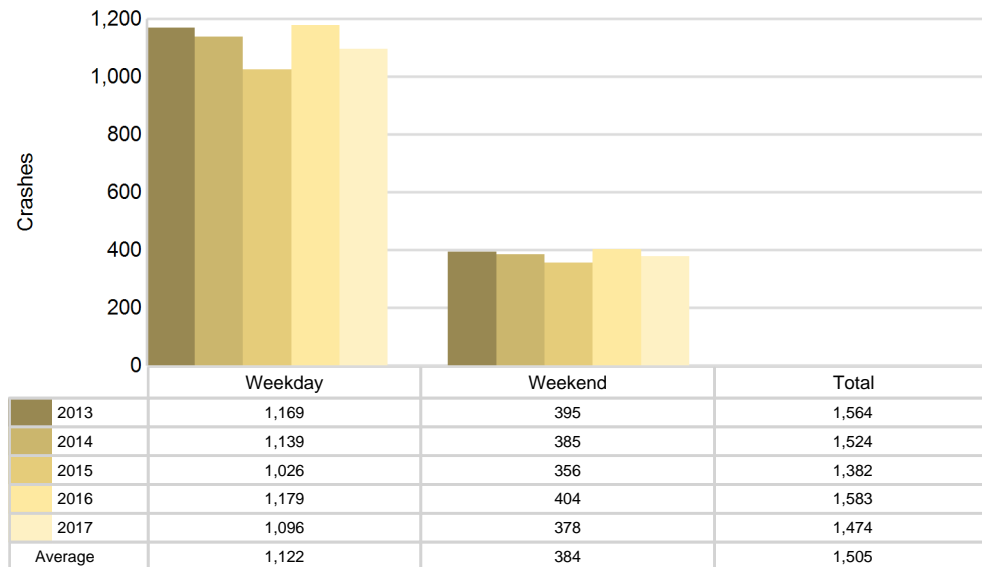
2017 Day of Week and Severity



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	1,169	3	1,139	6	1,026	4	1,179	4	1,096	3
Weekend	395	0	385	1	356	2	404	1	378	2
Total	1,564	3	1,524	7	1,382	6	1,583	5	1,474	5

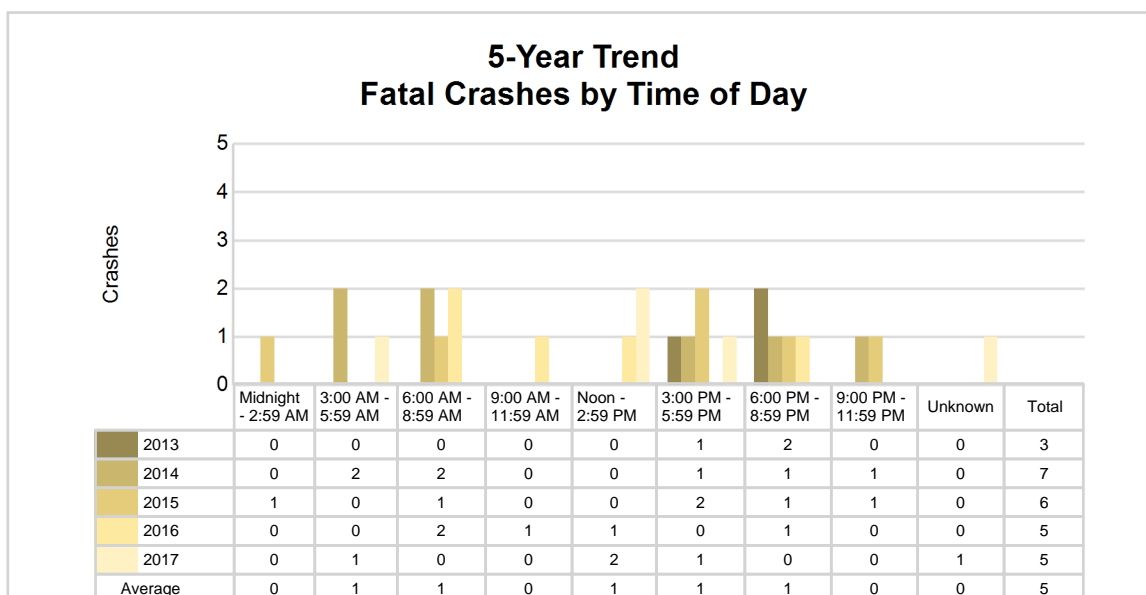
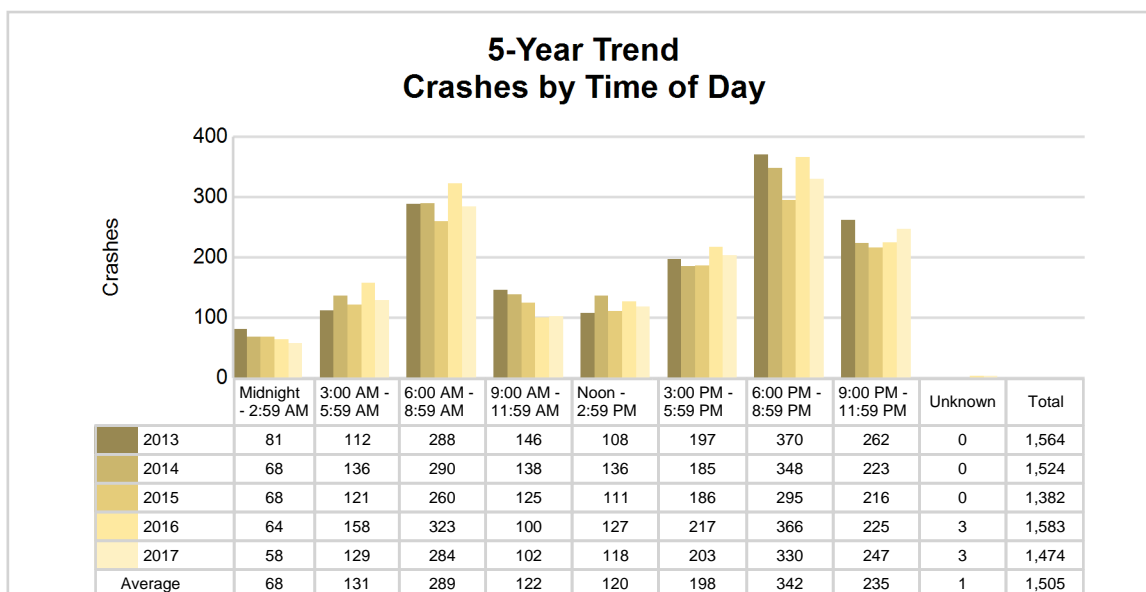
5-Year Crash Trends by Weekday (Monday - Friday) and Weekend (Saturday & Sunday)



5-Year Trend - Crashes by Time of Day

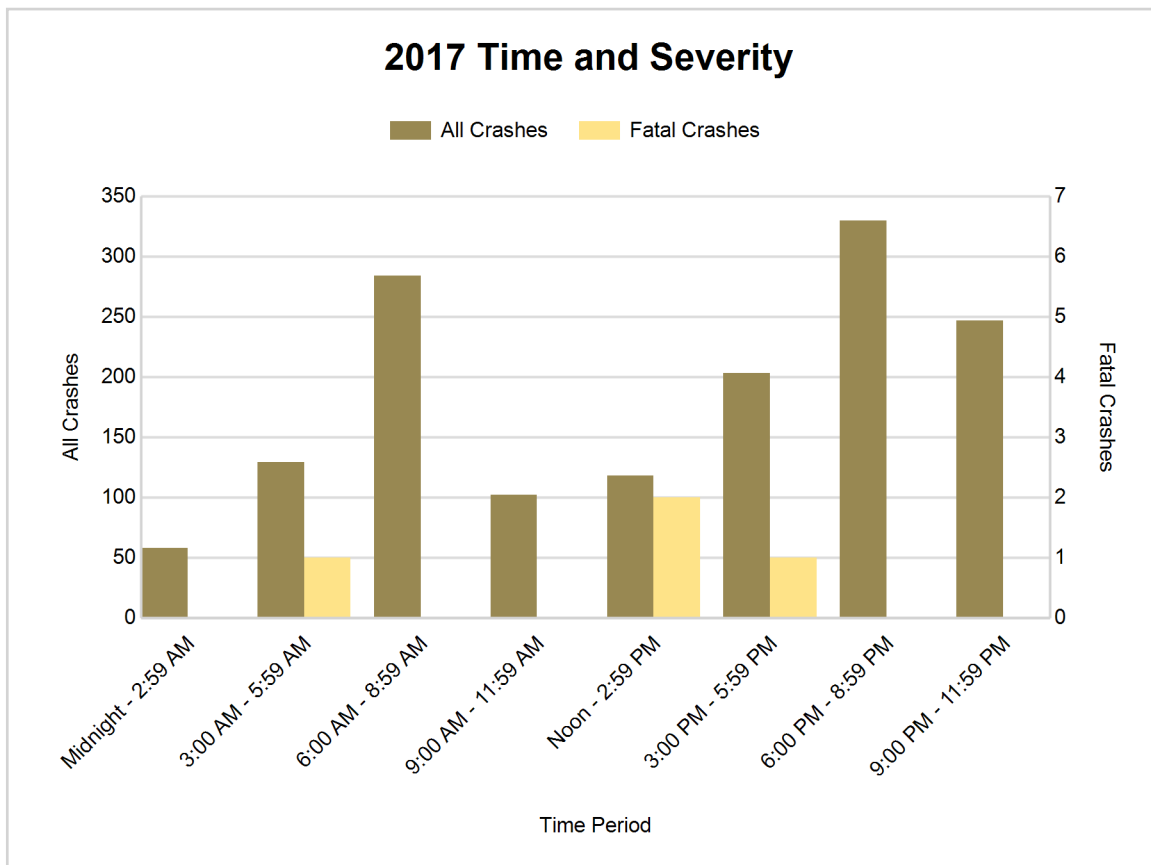
Time of Day	2013		2014		2015		2016		2017	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Midnight - 2:59 AM	81	0	68	0	68	1	64	0	58	0
3:00 AM - 5:59 AM	112	0	136	2	121	0	158	0	129	1
6:00 AM - 8:59 AM	288	0	290	2	260	1	323	2	284	0
9:00 AM - 11:59 AM	146	0	138	0	125	0	100	1	102	0
Noon - 2:59 PM	108	0	136	0	111	0	127	1	118	2
3:00 PM - 5:59 PM	197	1	185	1	186	2	217	0	203	1
6:00 PM - 8:59 PM	370 †	2	348 †	1	295 †	1	366 †	1	330 †	0
9:00 PM - 11:59 PM	262	0	223	1	216	1	225	0	247	0
Unknown	0	0	0	0	0	0	3	0	3	1
Total	1,564	3	1,524	7	1,382	6	1,583	5	1,474	5

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

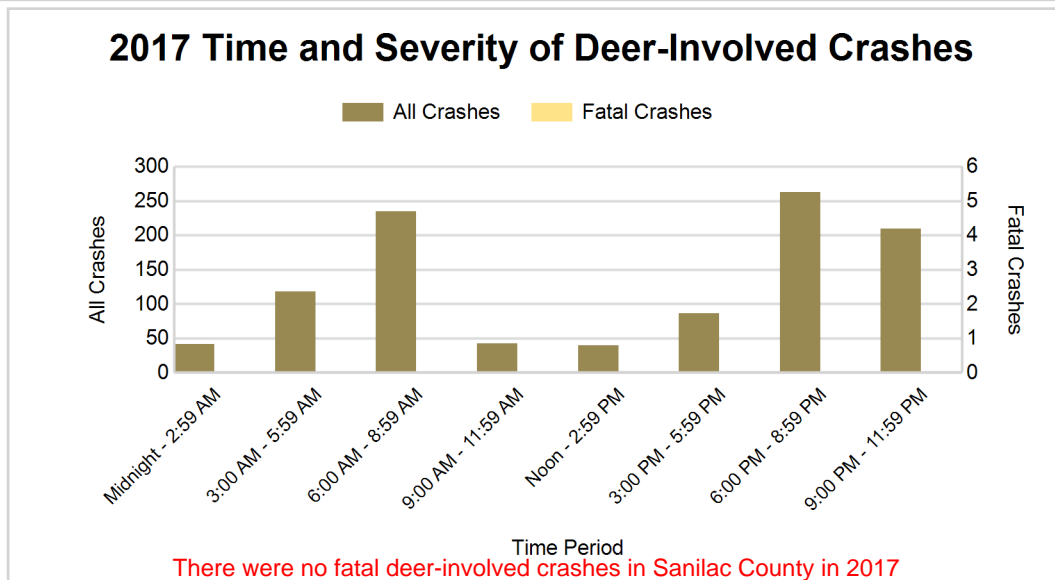
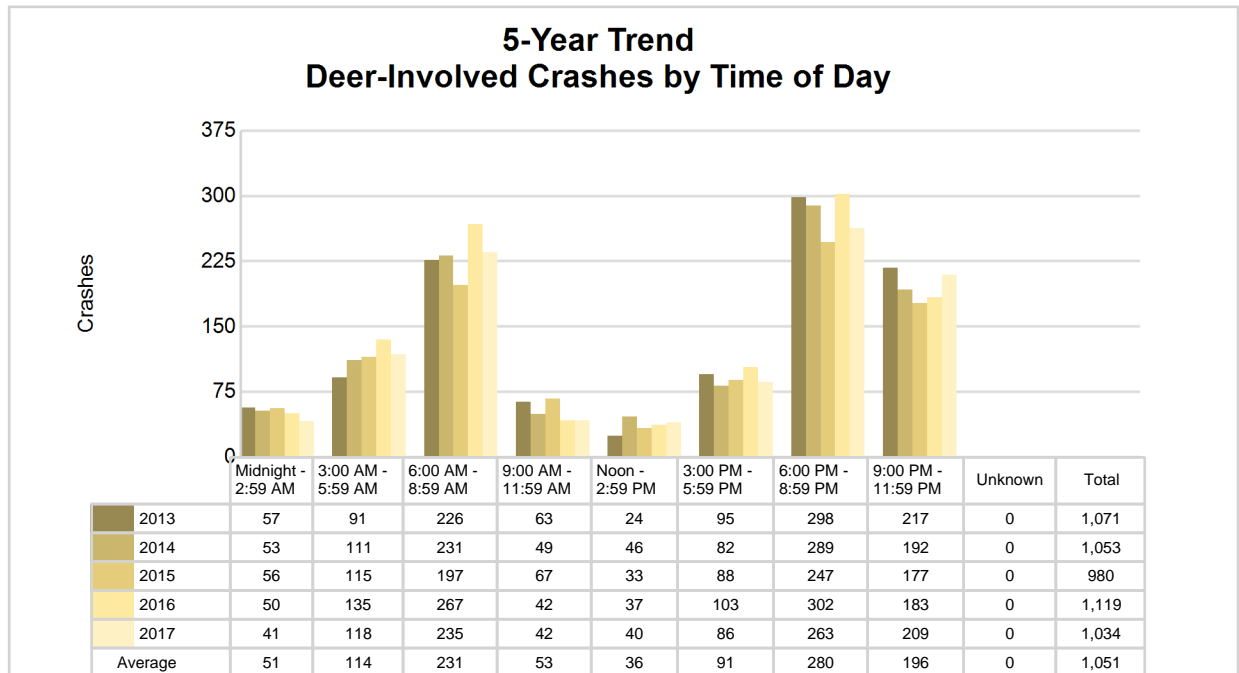
Time of Day	All Crashes		Fatal Crashes		Injury Crashes			PDO Crashes
	Number	% of Total	Number	% of Fatal	A	B	C	Number
Midnight - 2:59 AM	58	3.9	0	0.0	0	4	0	54
3:00 AM - 5:59 AM	129	8.8	1	20.0	2	1	1	124
6:00 AM - 8:59 AM	284	19.3	0	0.0	1	3	11	269
9:00 AM - 11:59 AM	102	6.9	0	0.0	3	10	13	76
Noon - 2:59 PM	118	8.0	2	40.0	6	12	13	85
3:00 PM - 5:59 PM	203	13.8	1	20.0	3	10	24	165
6:00 PM - 8:59 PM	330	22.4	0	0.0	5	9	4	312
9:00 PM - 11:59 PM	247	16.8	0	0.0	0	6	9	232
Unknown	3	0.2	1	20.0	1	1	0	0
Total	1,474	100.0	5	100.0	21	56	75	1,317



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	57	0	53	0	56	0	50	0	41	0
3:00 AM - 5:59 AM	91	0	111	0	115	0	135	0	118	0
6:00 AM - 8:59 AM	226	0	231	0	197	0	267	0	235	0
9:00 AM - 11:59 AM	63	0	49	0	67	0	42	0	42	0
Noon - 2:59 PM	24	0	46	0	33	0	37	0	40	0
3:00 PM - 5:59 PM	95	0	82	0	88	0	103	0	86	0
6:00 PM - 8:59 PM	298 †	0	289 †	0	247 †	0	302 †	0	263 †	0
9:00 PM - 11:59 PM	217	0	192	0	177	0	183	0	209	0
Unknown	0	0	0	0	0	0	0	0	0	0
Total	1,071	0	1,053	0	980	0	1,119	0	1,034	0

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



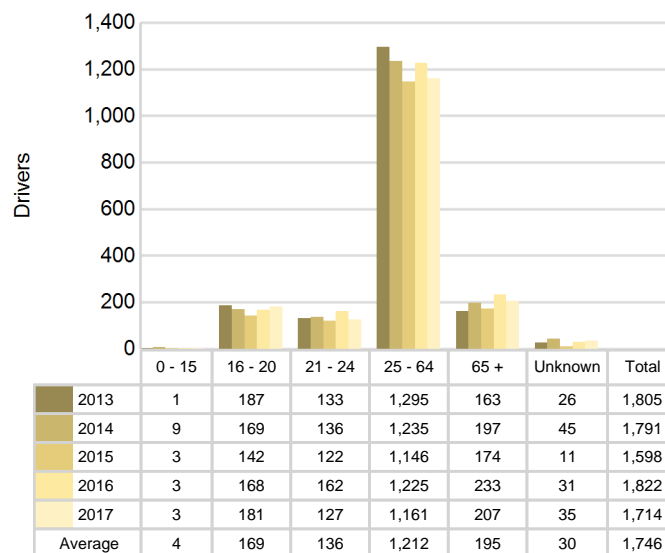
2017 - Reported Motor Vehicle Crashes by Municipality

Municipality	Crashes											Persons	
	Total	Fatal	Injury	Property Damage	Inter-state	US Route	State Route	Local Street	Alcohol-Involved	Drug-Involved	Deer-Involved	Fatalities	Injuries
Applegate	5	0	0	5	0	0	0	5	0	0	5	0	0
Argyle Twp.	42	1	8	33	0	0	19	22	2	0	29	1	9
Austin Twp.	47	0	3	44	0	0	20	27	1	0	42	0	4
Bridgehampton Twp.	40	0	4	36	0	0	0	40	1	0	29	0	6
Brown City	18	0	3	15	0	0	13	5	2	0	3	0	3
Buel Twp.	32	1	2	29	0	0	18	14	1	1	22	1	8
Carsonville	4	0	0	4	0	0	3	1	1	0	0	0	0
Croswell	45	0	4	41	0	0	16	29	1	2	7	0	5
Custer Twp.	22	0	2	20	0	0	0	22	0	0	18	0	3
Deckerville	2	0	1	1	0	0	0	2	2	1	1	0	1
Delaware Twp.	40	0	0	40	0	0	22	18	0	0	39	0	0
Elk Twp.	48	1	4	43	0	0	34	14	1	0	39	1	5
Elmer Twp.	27	0	2	25	0	0	0	27	0	0	21	0	2
Evergreen Twp.	53	0	7	46	0	0	23	30	1	1	43	0	11
Flynn Twp.	36	0	5	31	0	0	0	36	2	0	24	0	5
Forester Twp.	46	1	2	43	0	0	30	16	1	1	38	1	2
Forestville	2	0	0	2	0	0	1	1	0	0	2	0	0
Fremont Twp.	26	1	0	25	0	0	0	26	0	0	21	1	2
Greenleaf Twp.	54	0	2	52	0	0	26	28	1	2	44	0	2
Lamotte Twp.	44	0	6	38	0	0	27	17	0	0	30	0	10
Lexington	21	0	1	20	0	0	17	4	0	0	5	0	1
Lexington Twp.	90	0	8	82	0	0	40	50	2	1	70	0	11
Maple Valley Twp.	34	0	5	29	0	0	7	27	0	0	24	0	7
Marion Twp.	37	0	4	33	0	0	0	37	1	0	29	0	7
Marlette	17	0	5	12	0	0	7	10	1	0	1	0	5
Marlette Twp.	79	0	12	67	0	0	38	41	2	1	49	0	18
Melvin	0	0	0	0	0	0	0	0	0	0	0	0	0
Minden City	1	0	0	1	0	0	0	1	0	0	0	0	0
Minden Twp.	12	0	1	11	0	0	0	12	0	0	10	0	1
Moore Twp.	64	0	7	57	0	0	44	20	0	0	49	0	10
Peck	13	0	2	11	0	0	12	1	1	0	7	0	3
Port Sanilac	9	0	2	7	0	0	6	3	1	0	6	0	4
Sandusky	42	0	8	34	0	0	33	9	1	0	9	0	14
Sanilac Twp.	69	0	8	61	0	0	47	22	2	1	53	0	8
Speaker Twp.	47	0	4	43	0	0	30	17	0	0	41	0	6
Washington Twp.	92	0	6	86	0	0	38	54	3	1	79	0	11
Watertown Twp.	79	0	7	72	0	0	57	20	2	1	55	0	9
Wheatland Twp.	35	0	0	35	0	0	0	35	1	0	28	0	0
Worth Twp.	100	0	17	83	0	0	31	68	6	3	62	0	24
Unknown Community	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1,474	5	152	1,317	0	0	659	811	40	16	1,034	5	217

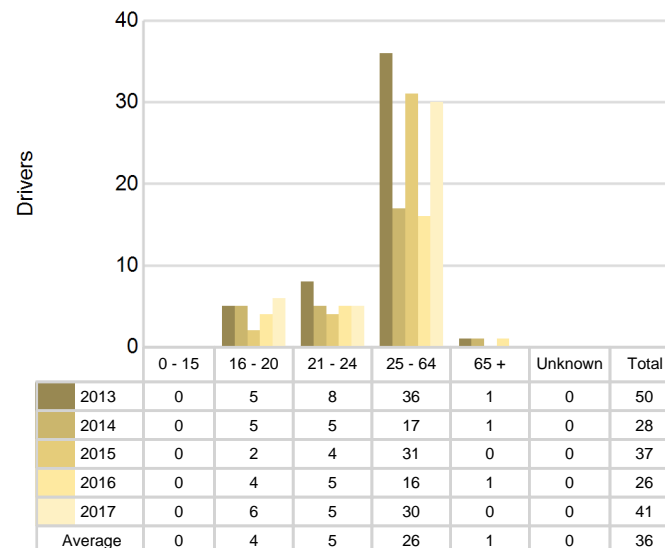
5-Year Trend - Drivers in Crashes Coded Drinking by Driver Age

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	1	0	9	0	3	0	3	0	3	0
16 - 20	187	5	169	5	142	2	168	4	181	6
21 - 24	133	8	136	5	122	4	162	5	127	5
25 - 64	1,295	36	1,235	17	1,146	31	1,225	16	1,161	30
65 +	163	1	197	1	174	0	233	1	207	0
Unknown	26	0	45	0	11	0	31	0	35	0
Total	1,805	50	1,791	28	1,598	37	1,822	26	1,714	41

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	6	5	4	6	0	1	2	1	2
21 - 24	5	8	4	5	0	0	2	0	3
25 - 64	37	23	18	30	0	2	4	7	17
65 +	0	2	0	0	0	0	0	0	0
Unknown	4	0	0	0	0	0	0	0	0
Total	52	38	26	41	0	3	8	8	22

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 52 drivers in alcohol-involved crashes; 41 (78.8%) of those drivers were coded as had-been-drinking by the officer on the crash form.

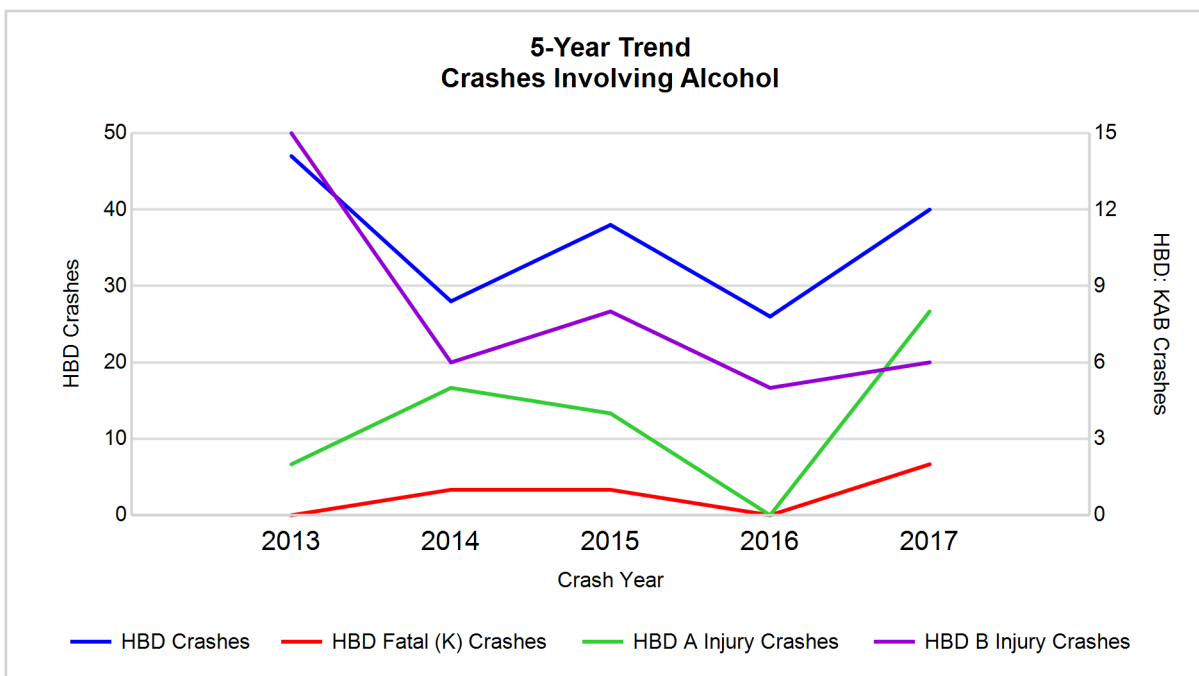
- 16 (39.0%) of the 41 drivers had a blood alcohol concentration (BAC) of 0.08 g/dL (grams per deciliter) or greater, and 8 (50.0%) of the 16 drivers had a BAC at or above 0.17 g/dL.
- 26 (63.4%) of the 41 drivers were coded as had-been-drinking and were tested for alcohol consumption.

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	1,564	47	3.0	3	0	0.0	20	2	10.0	79	15	19.0
2014	1,524	28	1.8	7	1	14.3	18	5	27.8	64	6	9.4
2015	1,382	38	2.7	6	1	16.7	23	4	17.4	49	8	16.3
2016	1,583	26	1.6	5	0	0.0	8	0	0.0	51	5	9.8
2017	1,474	40	2.7	5	2**	40.0**	21	8**	38.1**	56	6	10.7

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

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



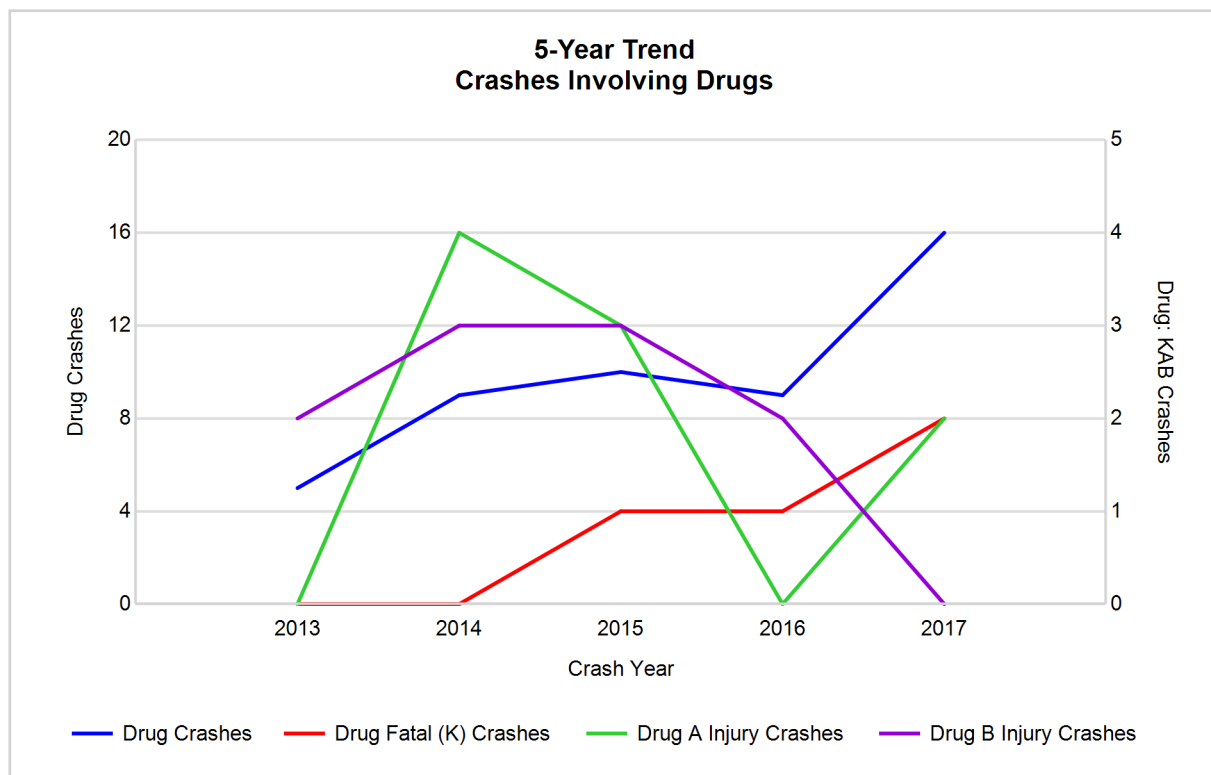
Note: Had-Been-Drinking (HBD)

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	1,564	5	0.3	3	0	0.0	20	0	0.0	79	2	2.5
2014	1,524	9	0.6	7	0	0.0	18	4	22.2	64	3	4.7
2015	1,382	10	0.7	6	1	16.7	23	3	13.0	49	3	6.1
2016	1,583	9	0.6	5	1	20.0	8	0	0.0	51	2	3.9
2017	1,474	16**	1.1**	5	2**	40.0**	21	2	9.5	56	0*	0.0*

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

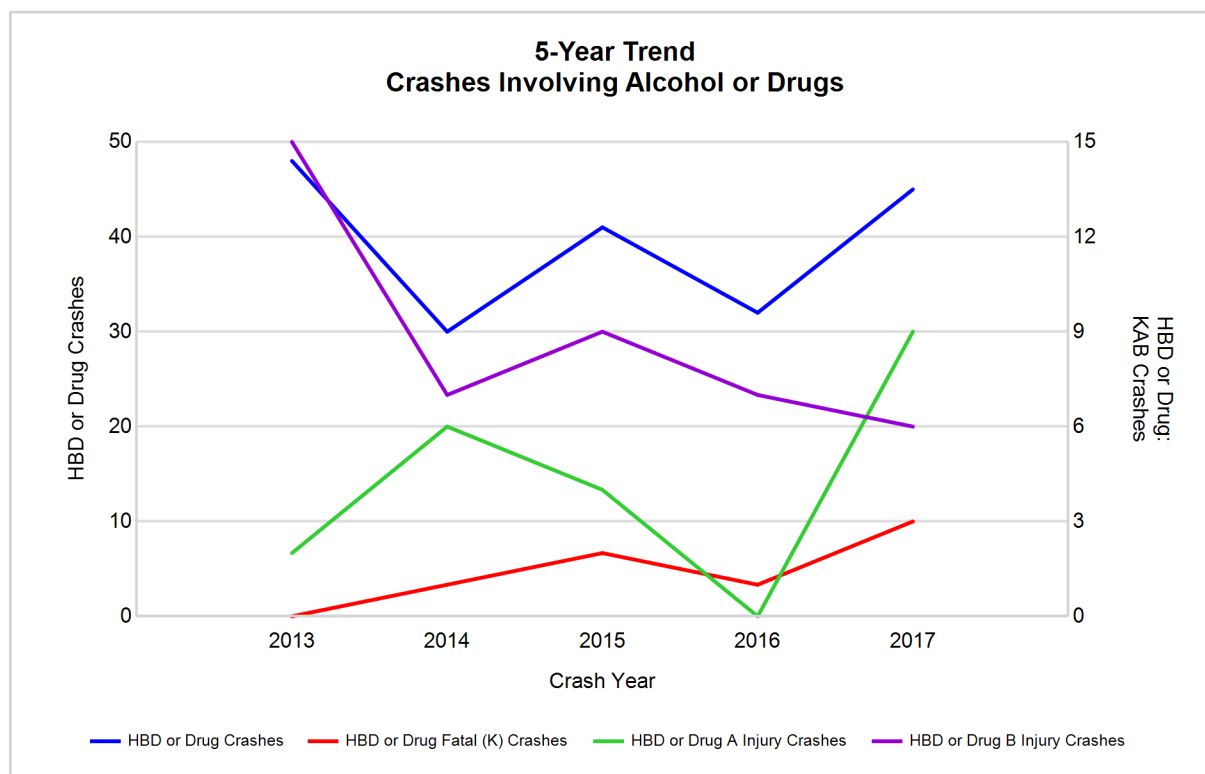


5-Year Trend - Crashes Involving Alcohol or Drugs

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	1,564	48	3.1	3	0	0.0	20	2	10.0	79	15	19.0
2014	1,524	30	2.0	7	1	14.3	18	6	33.3	64	7	10.9
2015	1,382	41	3.0	6	2	33.3	23	4	17.4	49	9	18.4
2016	1,583	32	2.0	5	1	20.0	8	0	0.0	51	7	13.7
2017	1,474	45	3.1	5	3**	60.0**	21	9**	42.9**	56	6*	10.7*

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

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



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	1,245	1,174	94.3	2	2	100.0	11	4	36.4	44	37	84.1	79	76	96.2	1,091	1,055	96.7
Motor home	1	1	100.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	1	1	100.0
Pickup truck	423	390	92.2	1	0	0.0	2	1	50.0	19	13	68.4	23	20	87.0	367	356	97.0
Small truck under 10,000 lbs. GVWR	13	13	100.0	0	0	0.0	1	1	100.0	1	1	100.0	0	0	0.0	11	11	100.0
Motorcycle	14	9	64.3	0	0	0.0	2	0	0.0	3	3	100.0	4	3	75.0	4	3	75.0
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	3	0	0.0	0	0	0.0	2	0	0.0	1	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	14	0	0.0	1	0	0.0	3	0	0.0	6	0	0.0	3	0	0.0	1	0	0.0
Other	16	5	31.3	1	0	0.0	1	0	0.0	3	0	0.0	2	0	0.0	8	5	62.5
Truck/bus over 10,000 lbs.	28	28	100.0	0	0	0.0	0	0	0.0	0	0	0.0	1	1	100.0	27	27	100.0
Unknown	13	3	23.1	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	4	3	75.0
Total	1,770	1,623	91.7	5	2	0.0	22	6	27.3	77	54	70.1	112	100	89.3	1,514	1,461	96.5

Note: Restraint Use includes shoulder belt only used, lap belt only used, both lap and shoulder belts used, child restraint used, restraint failure, and helmet worn.

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	17	12	70.6	0	0	0.0	2	1	50.0	3	0	0.0	10	9	90.0	2	2	100.0
16 - 20	193	174	90.2	2	1	50.0	4	1	25.0	22	17	77.3	18	15	83.3	147	140	95.2
21 - 24	131	121	92.4	0	0	0.0	2	1	50.0	7	4	57.1	9	8	88.9	113	108	95.6
25 - 64	1,180	1,115	94.5	2	1	50.0	12	3	25.0	35	26	74.3	62	56	90.3	1,061	1,029	97.0
65 +	214	201	93.9	1	0	0.0	2	0	0.0	10	7	70.0	13	12	92.3	187	182	97.3
Unknown	35	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	4	0	0.0
Total	1,770	1,623	91.7	5	2	0.0	22	6	27.3	77	54	70.1	112	100	89.3	1,514	1,461	96.5

Note: Restraint Use includes shoulder belt only used, lap belt only used, both lap and shoulder belts used, child restraint used, restraint failure, and helmet worn.

5-Year Trend - Restraint Use Among Drivers

Restraint Use	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	11	0	1	8	0	3	12	0	0	4	0	1	12	1	8
Shoulder belt only used	2	0	0	0	0	0	0	0	0	17	0	1	7	0	0
Lap belt only used	14	0	4	8	0	1	3	0	0	5	0	0	2	0	0
Both lap & shoulder belts used	1,696	2	147	1,679	2	140	1,522	1	114	1,656	1	104	1,566	0	117
No belts used	12	0	8	18	1	8	16	1	10	18	2	10	20	1	16
Child restraint used	0	0	0	0	0	0	1	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	2	0	0	0	0	0	0	0	0
Restraint use unknown	22	0	5	12	0	2	17	1	4	90	0	6	83	0	3
Helmet worn	9	0	6	8	1	6	9	0	6	11	0	6	8	0	5
Helmet not worn	5	0	3	1	0	0	3	0	1	7	1	4	7	1	6
Helmet use unknown	6	0	3	8	0	5	1	0	1	3	0	2	3	0	2
Uncoded & errors	28	0	0	49	0	0	12	0	0	11	0	0	6	0	0
Total	1,805	2	177	1,791	4	165	1,598	3	136	1,822	4	134	1,714	3	157

5-Year Trend - Restraint Use Among Drivers Coded Drinking

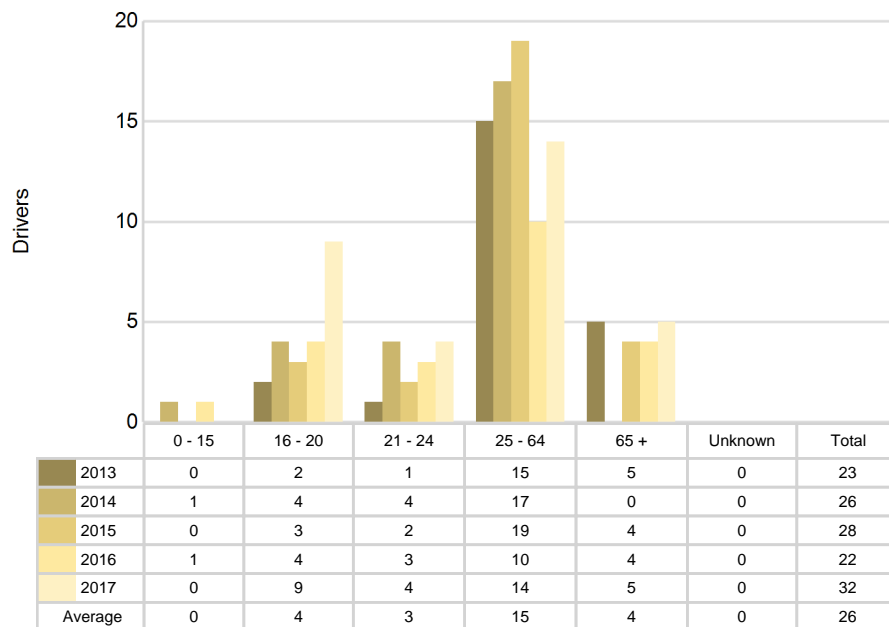
Restraint Use	2013			2014			2015			2016			2017		
	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers
No belts available	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Shoulder belt only used	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Lap belt only used	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Both lap & shoulder belts used	42	0	16	23	0	14	27	0	8	16	0	4	25	0	6
No belts used	2	0	2	4	1	2	4	1	3	3	0	1	7	1	6
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	5	0	2	1	0	0	5	0	2	6	0	1	4	0	0
Helmet worn	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Helmet not worn	0	0	0	0	0	0	1	0	0	1	0	1	4	1	3
Helmet use unknown	1	0	1	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	50	0	21	28	1	16	37	1	13	26	0	7	41	2	15

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	0	0	0	0	1	0	1	0	0	0
16 - 20	2	0	1	4	0	1	3	0	2	4	0	1	9	0	7
21 - 24	1	0	0	4	0	3	2	0	0	3	0	2	4	0	3
25 - 64	15	0	6	17	1	7	19	1	8	10	1	4	14	1	11
65 +	5	0	2	0	0	0	4	0	0	4	1	3	5	1	3
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	23	0	9	26	1	11	28	1	10	22	2	11	32	2	24

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

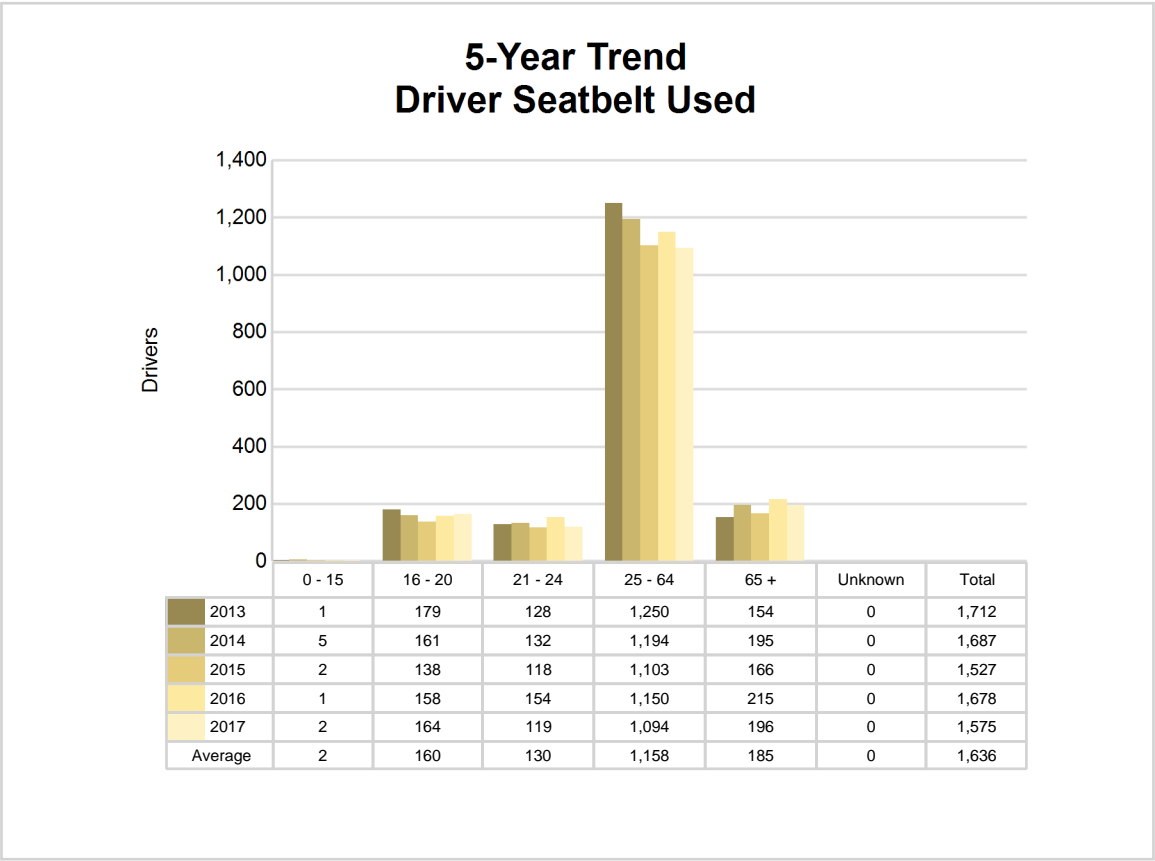
5-Year Trend Driver Seatbelt Not Used



5-Year Trend - Seatbelt Used Among Drivers by Age

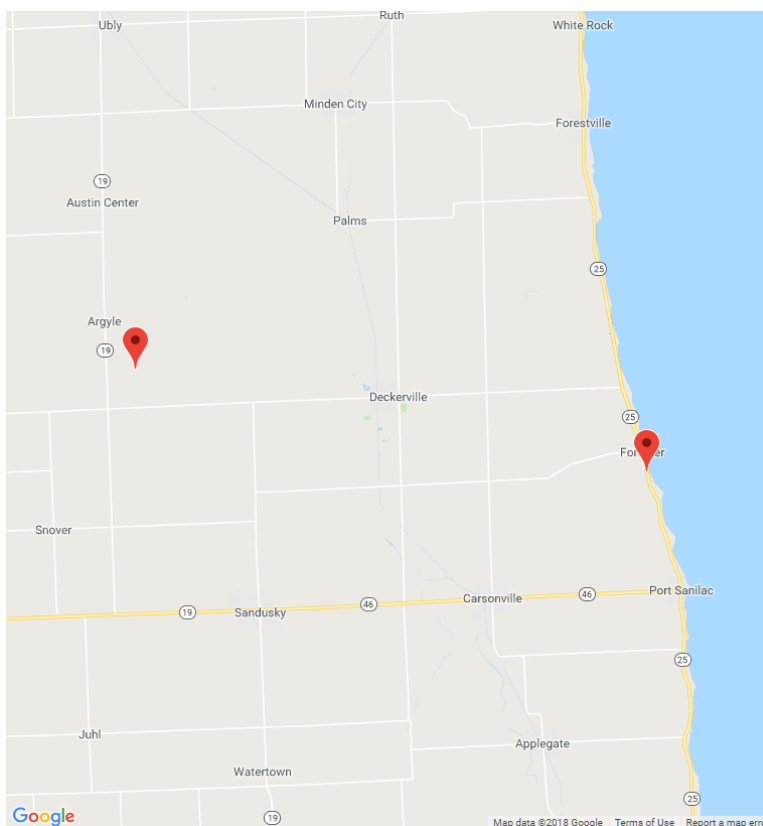
Age Group	2013			2014			2015			2016			2017		
	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers
0 - 15	1	0	0	5	0	2	2	0	0	1	0	1	2	0	0
16 - 20	179	1	29	161	0	23	138	0	22	158	0	8	164	0	24
21 - 24	128	0	12	132	0	17	118	0	12	154	0	15	119	0	11
25 - 64	1,250	1	88	1,194	2	83	1,103	0	73	1,150	0	62	1,094	0	68
65 +	154	0	22	195	0	16	166	1	7	215	1	19	196	0	14
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1,712	2	151	1,687	2	141	1,527	1	114	1,678	1	105	1,575	0	117

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	1,400	3	1,400	3	1,252	3	1,431	3	1,301	2
Speed too fast	83	0	84	3	73	2	72	0	84	1
Speed too slow	0	0	1	0	1	0	0	0	0	0
Failed to yield	64	0	69	0	58	0	68	2	52	1
Disregard traffic control	17	0	10	1	14	0	9	1	16	0
Drove wrong way	2	0	0	0	0	0	1	0	1	0
Drove left of center	7	2	8	0	10	0	12	0	13	0
Improper passing	11	0	8	0	12	0	6	0	6	0
Improper lane use	5	0	4	2	4	0	9	0	7	0
Improper turn	8	0	12	0	10	0	18	0	8	0
Improper/no signal	5	0	4	0	1	0	0	0	1	0
Improper backing	15	0	33	0	14	0	17	0	17	0
Unable to stop in assured clear distance	74	0	69	0	70	0	69	1	69	0
Other	69	0	34	0	30	1	31	0	22	0
Unknown	21	0	24	2	24	1	32	2	50	1
Reckless driving	8	0	3	0	7	0	3	0	2	0
Careless/negligent driving	14	0	26	1	17	0	21	0	29	1
Uncoded & errors	2	0	2	0	1	0	23	0	36	1
Total	1,805	5	1,791	12	1,598	7	1,822	9	1,714	7



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

In 2017, there were 40 alcohol-involved crashes in Sanilac County:

- 2 K - Fatal Crashes
- 8 A - Suspected Serious Injury Crashes
- 6 B - Suspected Minor Injury Crashes
- 2 C - Possible Injury Crashes
- 22 O - Property Damage Only/No Injury Crashes

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