



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

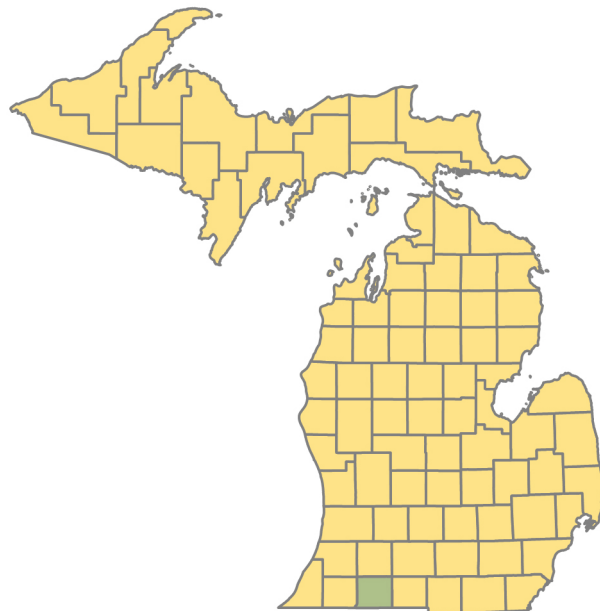
O = No Injury

Property Damage Only (PDO)



St. Joseph County

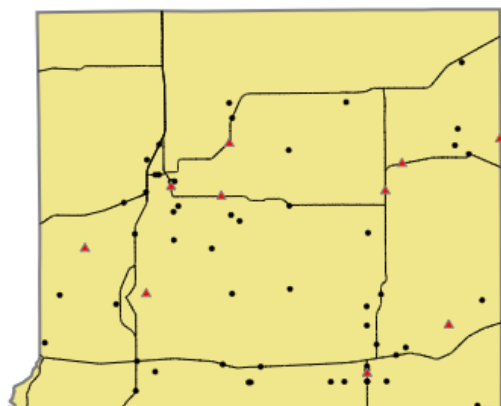
2017 Traffic Crash Data & 2013-2017 5-Year Trends



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 (10/10)
- A - Suspected Serious (52/52)

St. Joseph County

In 2017:

There were 2,329 drivers involved in 1,651 motor vehicle crashes in St. Joseph County. Of those crashes, 10 were classified as fatal, resulting in 11 fatalities. An additional 440 persons were injured.

St. Joseph County experienced the highest number of motor vehicle crashes (247) in December, the highest number of fatal crashes (3) and the highest number of persons killed (3) in May and August.

Michigan driver statistics indicate 6.4 percent of licensed drivers in St. Joseph County were age 16-20, and 11.5 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	127	0	14	113	0	17
February	110	1	16	93	1	19
March	131	0	29	102	0	38
April	89	1	20	68	2	25
May	132	3	22	107	3	40
June	135	0	36	99	0	49
July	107	1	32	74	1	49
August	109	3	30	76	3	40
September	131	0	24	107	0	28
October	160	0	32	128	0	42
November	173	0	24	149	0	33
December	247	1	41	205	1	60
Total	1,651	10	320	1,321	11	440

2017 - Driver Statistics

Age Group	St. Joseph County			Driver Rates	
	2017 Population	Licensed Drivers	Drivers in Crashes	Per 10k Population	Per 10k Licensed
0 - 15	13,254	264	4	3.0	151.5
16 - 20	3,751	2,728	267	711.8	978.7
21 - 24	2,919	2,513	207	709.1	823.7
25 - 64	30,314	27,217	1,508	497.5	554.1
65 +	10,709	9,606	259	241.9	269.6
Unknown	0	0	84	--	--
Total	60,947	42,328	2,329	382.1	550.2

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	1,696	72.8	6	35.3	339	1,351
Motor home	3	0.1	0	0.0	0	3
Pickup truck	450	19.3	6	35.3	89	355
Small truck under 10,000 lbs. GVWR	22	0.9	0	0.0	7	15
Motorcycle	31	1.3	3	17.6	24	4
Moped / goped	10	0.4	0	0.0	9	1
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	0	0.0	0	0.0	0	0
Other	16	0.7	1	5.9	2	13
Truck/bus over 10,000 lbs.	72	3.1	1	5.9	14	57
Unknown	28	1.2	0	0.0	2	26
Total	2,329	100.0	17	100.0	487	1,825

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	137	1	196	0	157	0	157	0	127	0
February	148	0	128	1	140	0	176	2	110	1
March	117	0	141	1	120	0	137	0	131	0
April	84	2	83	2	99	0	112	1	89	1
May	114	1	85	2	108	0	111	1	132	3
June	102	1	112	0	118	2	124	0	135	0
July	104	1	130	1	113	1	117	1	107	1
August	103	1	77	1	107	1	123	2	109	3
September	113	0	114	0	143	0	128	2	131	0
October	140	2	160	0	161	0	132	1	160	0
November	180	1	195	0	182	0	172	0	173	0
December	174	0	122	1	155	0	187	1	247	1
Total	1,516	10	1,543	9	1,603	4	1,676	11	1,651	10

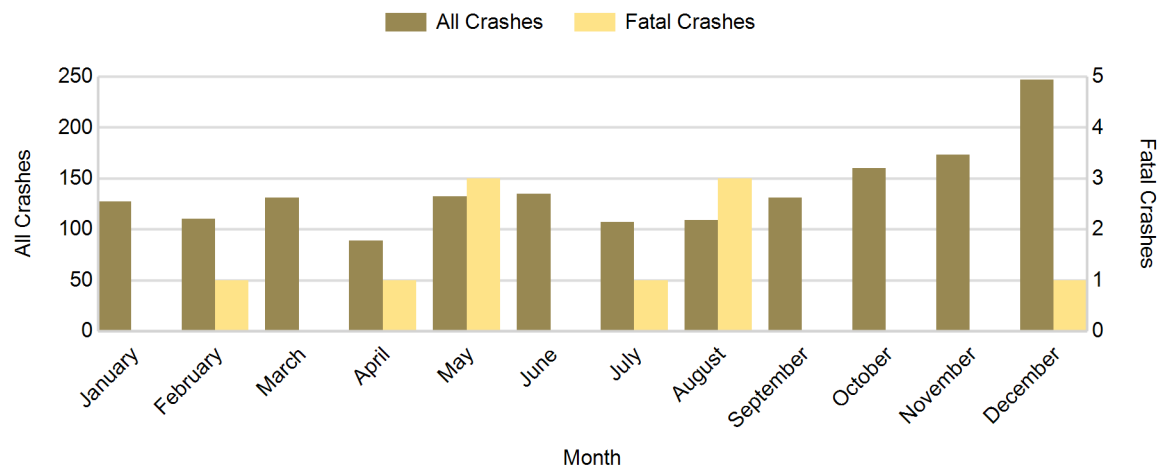
Note: † Indicates that the highest number of total crashes reported in the 5-year period occurred in the same month

5-Year Trend - Crashes by Day of Week

Day	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	225	0	201	1	235	0	244	3	244	0
Tuesday	244	0	217	0	215	1	252	1	261	0
Wednesday	219	3	237	2	259	1	246	2	208	0
Thursday	215	1	259	2	249	0	258	2	209	4
Friday	226	1	249	1	249	1	284	1	297	1
Saturday	214	2	211	0	228	1	187	2	234	4
Sunday	173	3	169	3	168	0	205	0	198	1
Total	1,516	10	1,543	9	1,603	4	1,676	11	1,651	10

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

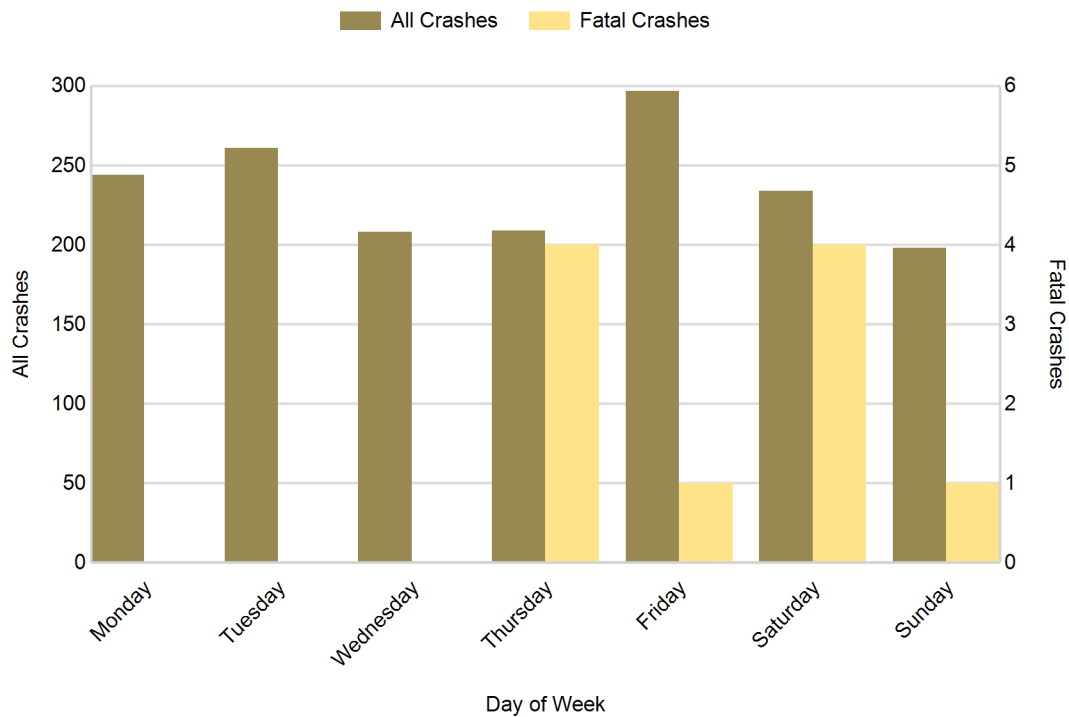
2017 Crashes by Month



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	244	14.8	0	0.0	9	16	17	202
Tuesday	261	15.8	0	0.0	11	17	19	214
Wednesday	208	12.6	0	0.0	6	14	16	172
Thursday	209	12.7	4	40.0	6	20	23	156
Friday	297	18.0	1	10.0	7	16	31	242
Saturday	234	14.2	4	40.0	9	15	30	176
Sunday	198	12.0	1	10.0	4	12	22	159
Total	1,651	100.0	10	100.0	52	110	158	1,321

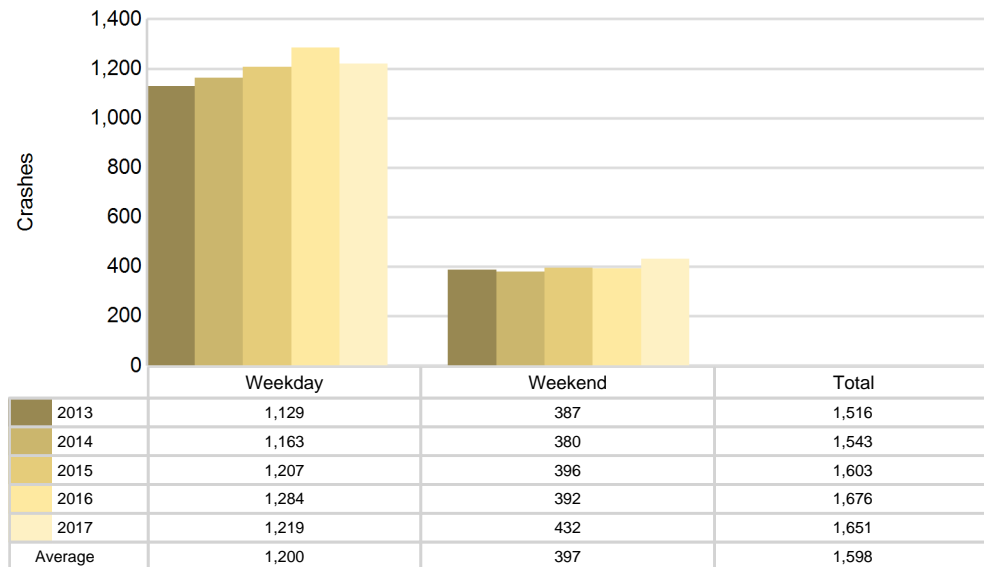
2017 Day of Week and Severity



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	1,129	5	1,163	6	1,207	3	1,284	9	1,219	5
Weekend	387	5	380	3	396	1	392	2	432	5
Total	1,516	10	1,543	9	1,603	4	1,676	11	1,651	10

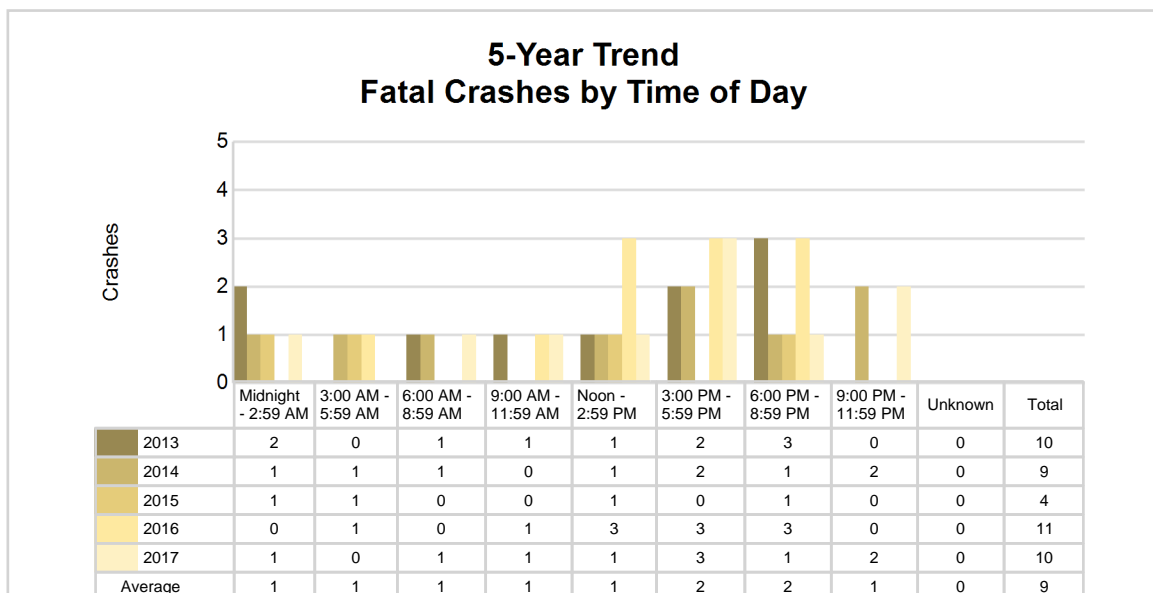
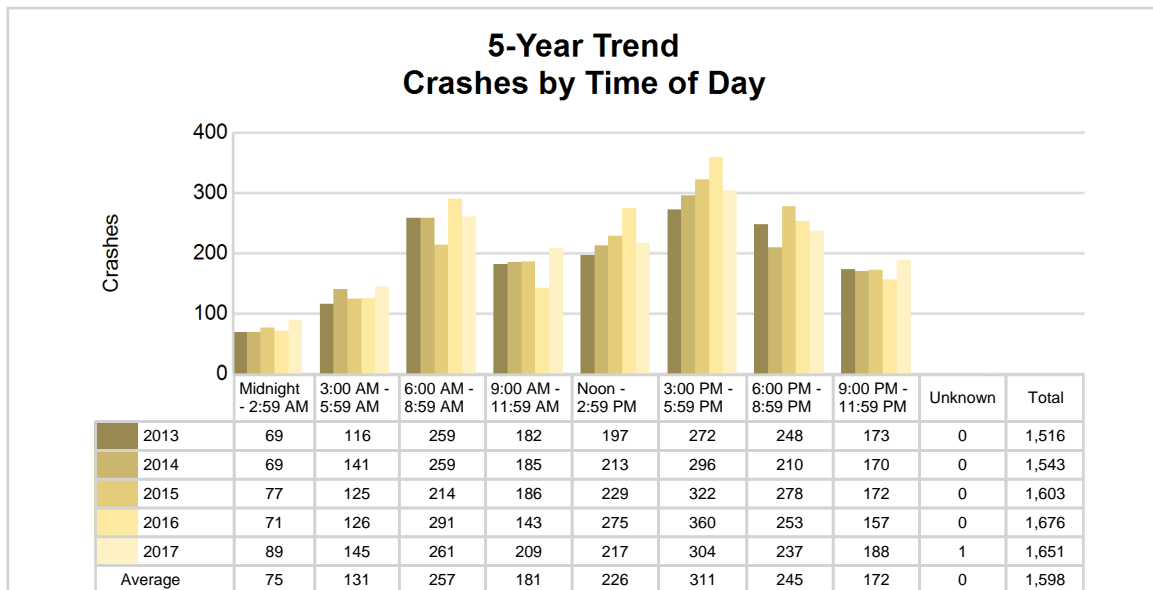
5-Year Crash Trends by Weekday (Monday - Friday) and Weekend (Saturday & Sunday)



5-Year Trend - Crashes by Time of Day

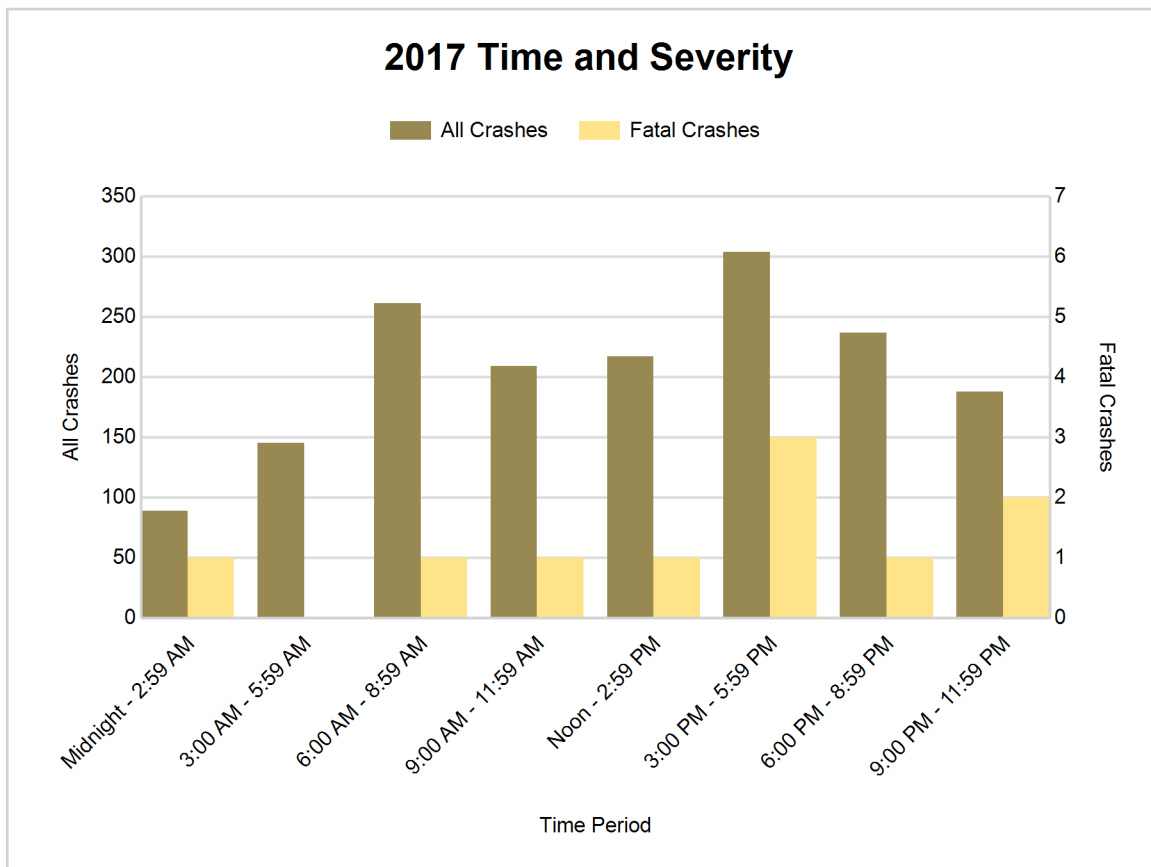
Time of Day	2013		2014		2015		2016		2017	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Midnight - 2:59 AM	69	2	69	1	77	1	71	0	89	1
3:00 AM - 5:59 AM	116	0	141	1	125	1	126	1	145	0
6:00 AM - 8:59 AM	259	1	259	1	214	0	291	0	261	1
9:00 AM - 11:59 AM	182	1	185	0	186	0	143	1	209	1
Noon - 2:59 PM	197	1	213	1	229	1	275	3	217	1
3:00 PM - 5:59 PM	272 †	2	296 †	2	322 †	0	360 †	3	304 †	3
6:00 PM - 8:59 PM	248	3	210	1	278	1	253	3	237	1
9:00 PM - 11:59 PM	173	0	170	2	172	0	157	0	188	2
Unknown	0	0	0	0	0	0	0	0	1	0
Total	1,516	10	1,543	9	1,603	4	1,676	11	1,651	10

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

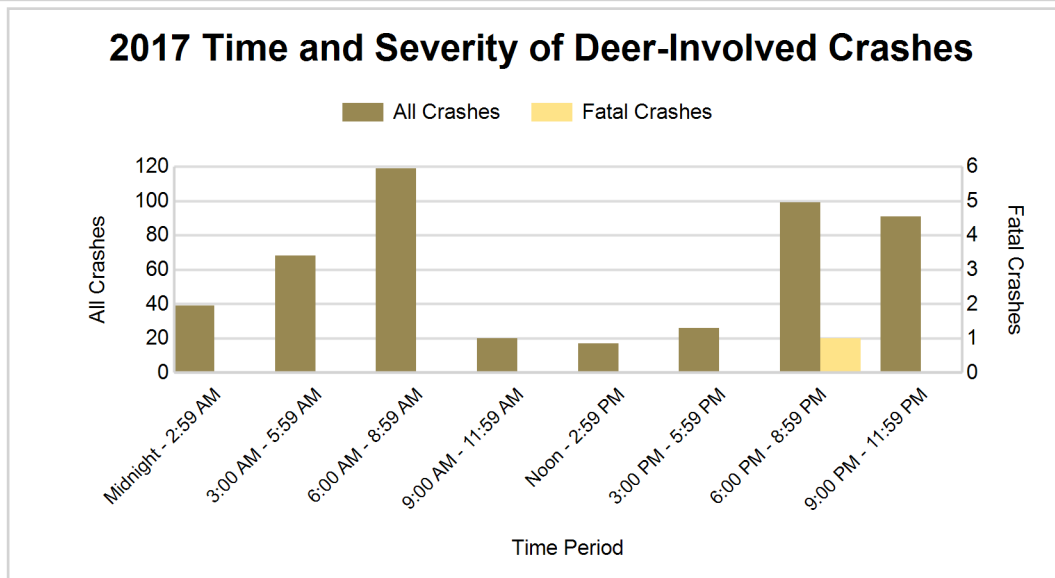
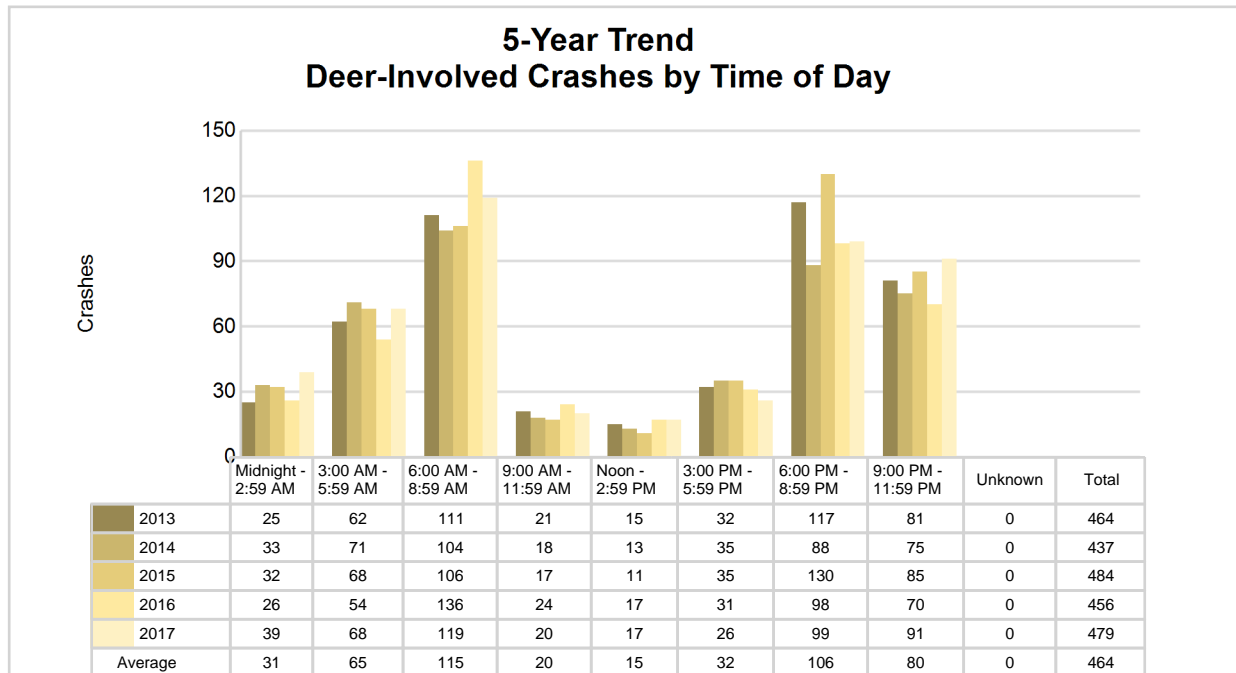
Time of Day	All Crashes		Fatal Crashes		Injury Crashes			PDO Crashes
	Number	% of Total	Number	% of Fatal	A	B	C	Number
Midnight - 2:59 AM	89	5.4	1	10.0	1	5	7	75
3:00 AM - 5:59 AM	145	8.8	0	0.0	10	5	10	120
6:00 AM - 8:59 AM	261	15.8	1	10.0	5	13	17	225
9:00 AM - 11:59 AM	209	12.7	1	10.0	7	14	28	159
Noon - 2:59 PM	217	13.1	1	10.0	3	14	27	172
3:00 PM - 5:59 PM	304	18.4	3	30.0	14	30	34	223
6:00 PM - 8:59 PM	237	14.4	1	10.0	6	18	19	193
9:00 PM - 11:59 PM	188	11.4	2	20.0	6	11	16	153
Unknown	1	0.1	0	0.0	0	0	0	1
Total	1,651	100.0	10	100.0	52	110	158	1,321



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	25	0	33	0	32	0	26	0	39	0
3:00 AM - 5:59 AM	62	0	71	0	68	0	54	0	68	0
6:00 AM - 8:59 AM	111	0	104	0	106	0	136	0	119	0
9:00 AM - 11:59 AM	21	0	18	0	17	0	24	0	20	0
Noon - 2:59 PM	15	0	13	0	11	0	17	0	17	0
3:00 PM - 5:59 PM	32	0	35	0	35	0	31	0	26	0
6:00 PM - 8:59 PM	117	0	88	0	130	0	98	0	99	1
9:00 PM - 11:59 PM	81	0	75	0	85	0	70	0	91	0
Unknown	0	0	0	0	0	0	0	0	0	0
Total	464	0	437	0	484	0	456	0	479	1

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



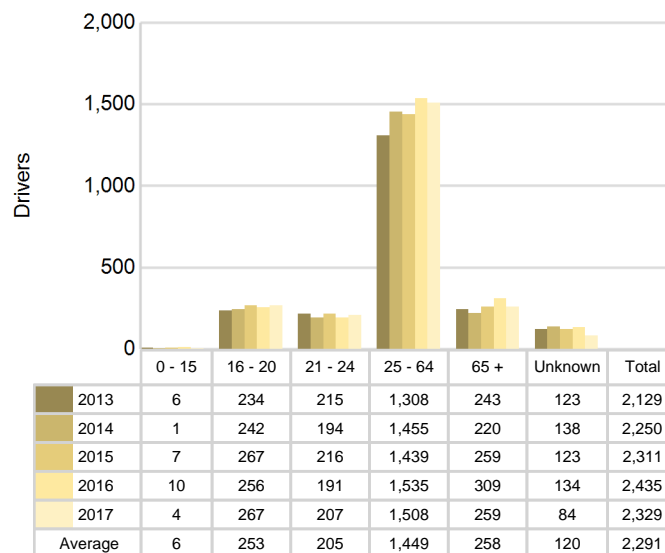
2017 - Reported Motor Vehicle Crashes by Municipality

Municipality	Crashes											Persons	
	Total	Fatal	Injury	Property Damage	Inter-state	US Route	State Route	Local Street	Alcohol-Involved	Drug-Involved	Deer-Involved	Fatalities	Injuries
Burr Oak	8	0	1	7	0	0	0	8	1	0	1	0	1
Burr Oak Twp.	54	1	13	40	0	6	1	47	3	0	28	1	15
Centreville	21	0	3	18	0	0	15	6	1	0	4	0	3
Colon	13	0	6	7	0	0	12	1	0	0	2	0	8
Colon Twp.	64	2	11	51	0	0	11	53	6	0	35	3	16
Constantine	14	0	7	7	0	8	0	6	0	3	0	0	8
Constantine Twp.	72	2	12	58	0	23	1	48	4	2	19	2	14
Fabius Twp.	102	0	19	83	0	30	28	44	7	4	30	0	28
Fawn River Twp.	54	0	10	44	0	18	0	36	2	0	27	0	11
Florence Twp.	52	0	12	40	0	0	0	52	4	2	19	0	14
Flowerfield Twp.	44	0	8	36	0	0	22	22	3	0	22	0	8
Leonidas Twp.	41	0	4	37	0	0	16	25	1	0	25	0	9
Lockport Twp.	115	2	19	94	0	18	47	50	8	7	35	2	27
Mendon	6	0	1	5	0	0	3	3	1	1	0	0	1
Mendon Twp.	59	0	10	49	0	0	20	39	0	1	28	0	12
Mottville Twp.	57	0	14	43	0	28	15	14	1	0	14	0	22
Nottawa Twp.	75	1	5	69	0	0	30	44	2	3	40	1	8
Park Twp.	111	0	20	91	0	59	10	42	10	3	43	0	26
Sherman Twp.	125	0	24	101	0	0	33	92	5	1	64	0	39
Sturgis	223	1	46	176	0	52	85	83	9	2	6	1	70
Sturgis Twp.	56	0	12	44	0	17	7	32	5	0	7	0	18
Three Rivers	188	1	42	145	0	54	79	55	4	2	5	1	54
White Pigeon	32	0	8	24	0	27	0	5	0	0	1	0	10
White Pigeon Twp.	65	0	13	52	0	29	0	36	3	1	24	0	18
Unknown Community	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1,651	10	320	1,321	0	369	435	843	80	32	479	11	440

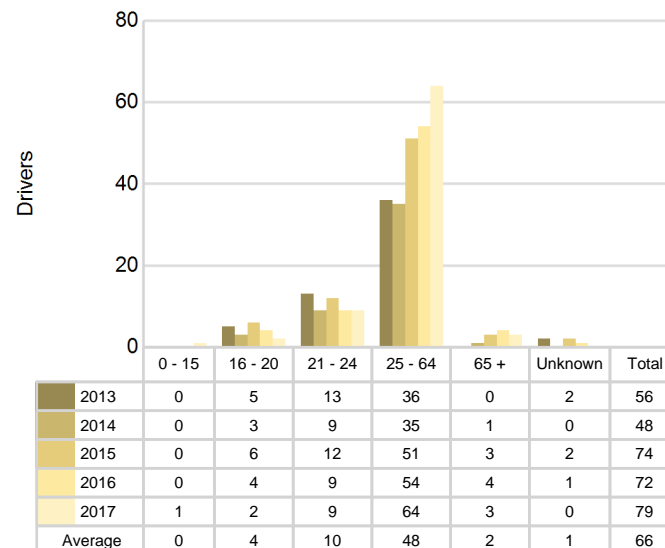
5-Year Trend - Drivers in Crashes Coded Drinking by Driver Age

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	6	0	1	0	7	0	10	0	4	1
16 - 20	234	5	242	3	267	6	256	4	267	2
21 - 24	215	13	194	9	216	12	191	9	207	9
25 - 64	1,308	36	1,455	35	1,439	51	1,535	54	1,508	64
65 +	243	0	220	1	259	3	309	4	259	3
Unknown	123	2	138	0	123	2	134	1	84	0
Total	2,129	56	2,250	48	2,311	74	2,435	72	2,329	79

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	1	1	1	1	0	1	0	0	0
16 - 20	6	5	0	2	0	0	0	0	2
21 - 24	10	8	7	9	0	2	2	2	3
25 - 64	83	71	55	64	1	4	15	19	25
65 +	3	4	3	3	1	0	0	0	2
Unknown	2	0	0	0	0	0	0	0	0
Total	105	89	66	79	2	7	17	21	32

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 105 drivers in alcohol-involved crashes; 79 (75.2%) of those drivers were coded as had-been-drinking by the officer on the crash form.

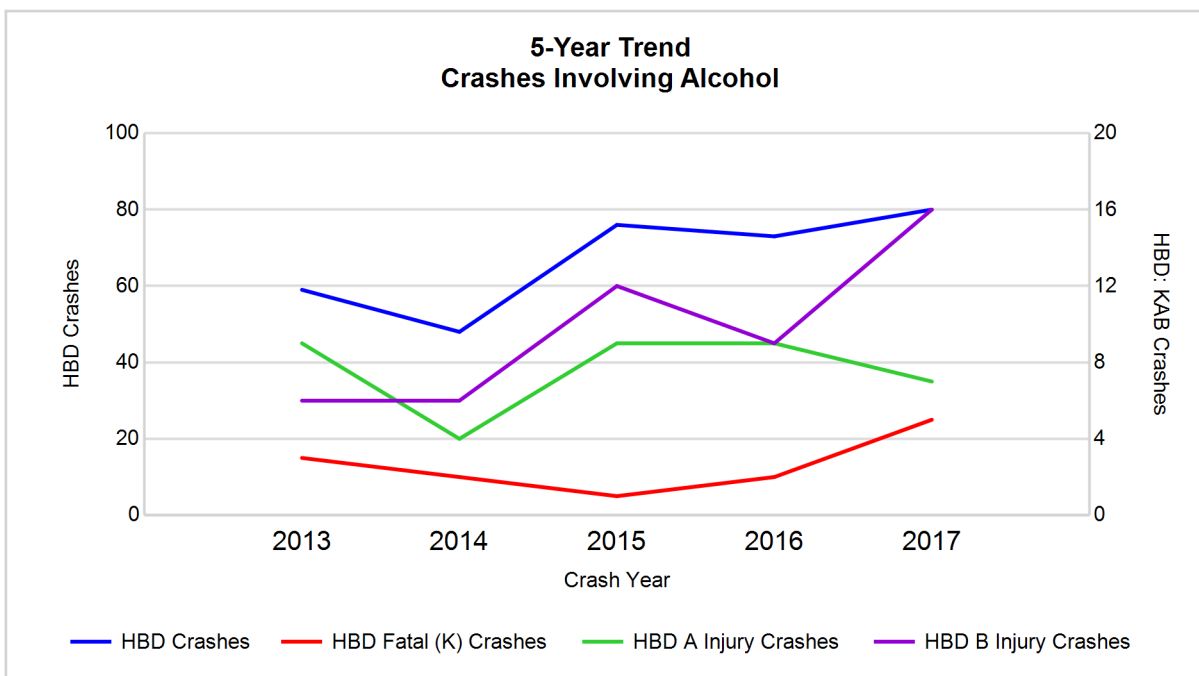
- 38 (48.1%) of the 79 drivers had a blood alcohol concentration (BAC) of 0.08 g/dL (grams per deciliter) or greater, and 21 (55.3%) of the 38 drivers had a BAC at or above 0.17 g/dL.
- 66 (83.5%) of the 79 drivers were coded as had-been-drinking and were tested for alcohol consumption.

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	1,516	59	3.9	10	3	30.0	40	9	22.5	67	6	9.0
2014	1,543	48	3.1	9	2	22.2	32	4	12.5	67	6	9.0
2015	1,603	76	4.7	4	1	25.0	39	9	23.1	92	12	13.0
2016	1,676	73	4.4	11	2	18.2	38	9	23.7	102	9	8.8
2017	1,651	80**	4.8**	10	5**	50.0**	52**	7	13.5	110**	16**	14.5**

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



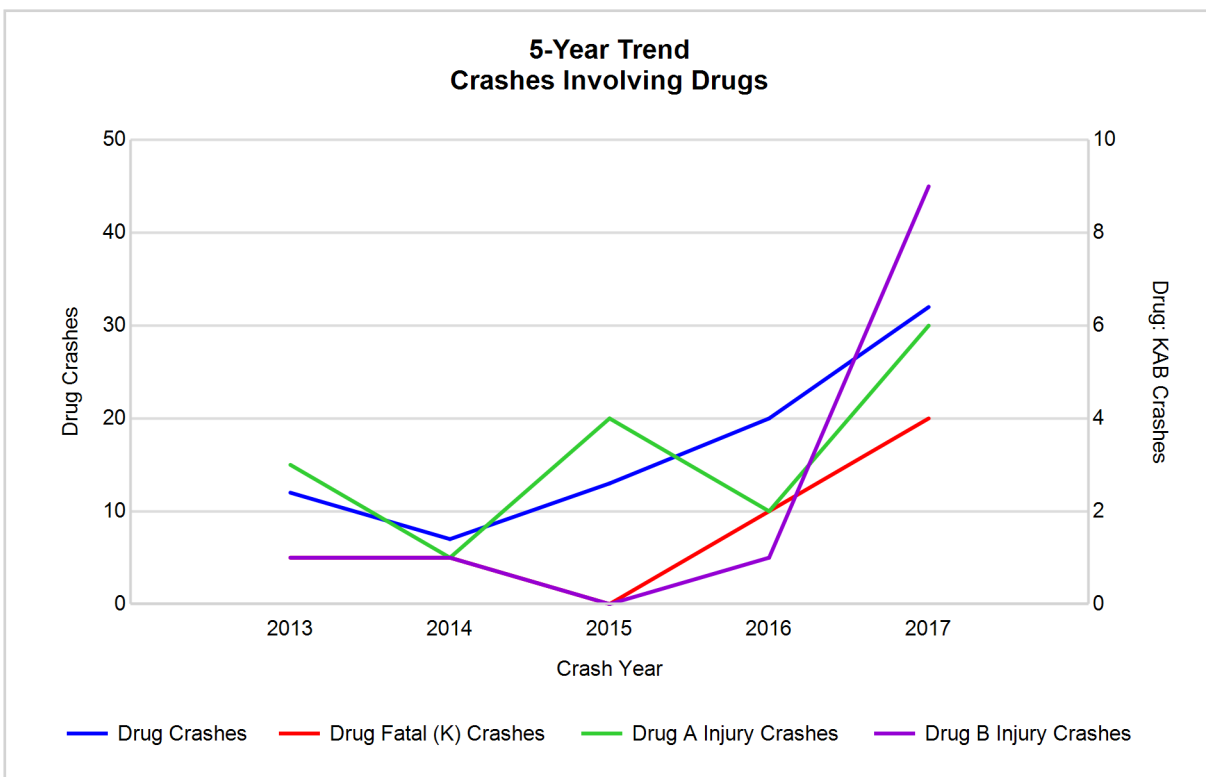
Note: Had-Been-Drinking (HBD)

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	1,516	12	0.8	10	1	10.0	40	3	7.5	67	1	1.5
2014	1,543	7	0.5	9	1	11.1	32	1	3.1	67	1	1.5
2015	1,603	13	0.8	4	0	0.0	39	4	10.3	92	0	0.0
2016	1,676	20	1.2	11	2	18.2	38	2	5.3	102	1	1.0
2017	1,651	32**	1.9**	10	4**	40.0**	52**	6**	11.5**	110**	9**	8.2**

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

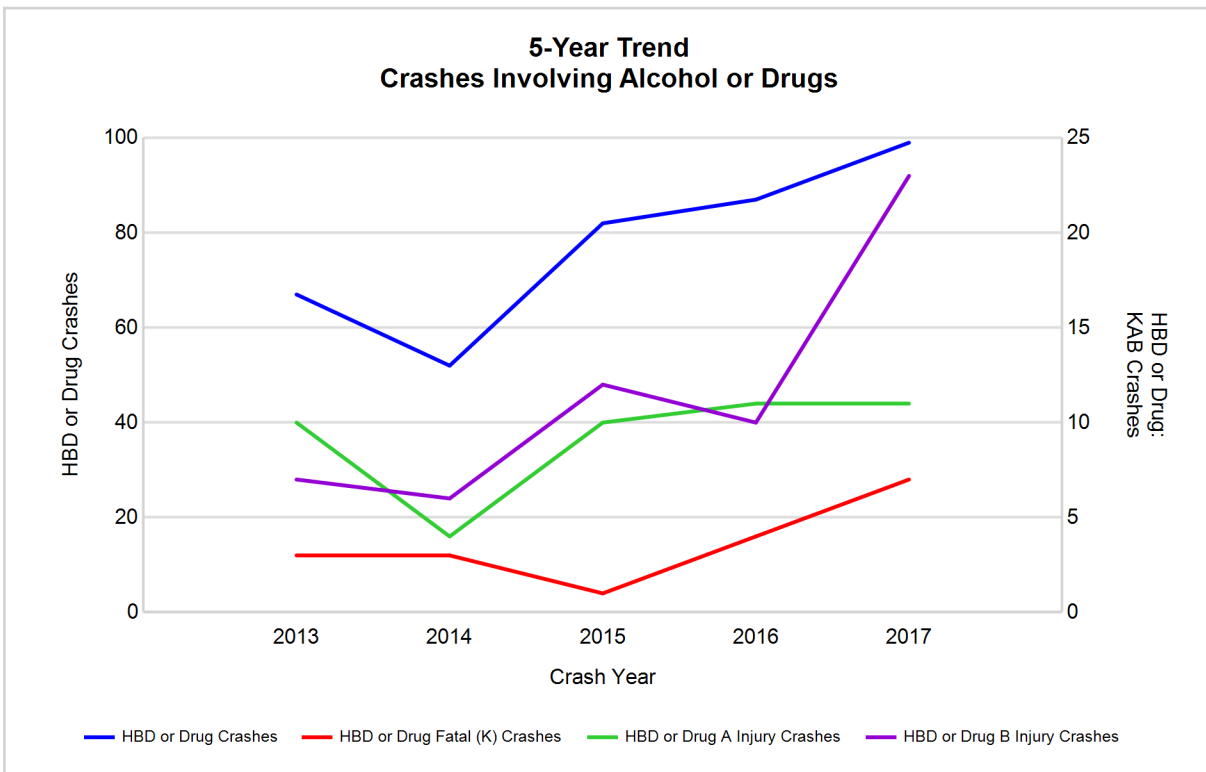


5-Year Trend - Crashes Involving Alcohol or Drugs

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	1,516	67	4.4	10	3	30.0	40	10	25.0	67	7	10.4
2014	1,543	52	3.4	9	3	33.3	32	4	12.5	67	6	9.0
2015	1,603	82	5.1	4	1	25.0	39	10	25.6	92	12	13.0
2016	1,676	87	5.2	11	4	36.4	38	11	28.9	102	10	9.8
2017	1,651	99**	6.0**	10	7**	70.0**	52**	11	21.2	110**	23**	20.9**

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



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	1,786	1,675	93.8	5	3	60.0	43	35	81.4	79	70	88.6	175	166	94.9	1,437	1,401	97.5
Motor home	3	3	100.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	3	3	100.0
Pickup truck	467	436	93.4	2	1	50.0	5	4	80.0	31	27	87.1	31	31	100.0	385	373	96.9
Small truck under 10,000 lbs. GVWR	24	18	75.0	0	0	0.0	1	0	0.0	3	3	100.0	2	2	100.0	18	13	72.2
Motorcycle	33	17	51.5	3	1	33.3	10	5	50.0	10	4	40.0	6	5	83.3	4	2	50.0
Moped / goped	11	3	27.3	0	0	0.0	2	1	50.0	5	1	20.0	3	1	33.3	1	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	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	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0
Other	16	7	43.8	1	0	0.0	0	0	0.0	1	0	0.0	0	0	0.0	12	7	58.3
Truck/bus over 10,000 lbs.	73	68	93.2	0	0	0.0	0	0	0.0	0	0	0.0	4	3	75.0	68	65	95.6
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	2,442	2,227	91.2	11	5	0.0	61	45	73.8	129	105	81.4	221	208	94.1	1,928	1,864	96.7

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	42	35	83.3	0	0	0.0	8	7	87.5	10	7	70.0	21	19	90.5	3	2	66.7
16 - 20	284	266	93.7	0	0	0.0	17	12	70.6	16	14	87.5	22	20	90.9	229	220	96.1
21 - 24	214	207	96.7	0	0	0.0	2	1	50.0	15	12	80.0	19	19	100.0	178	175	98.3
25 - 64	1,549	1,461	94.3	11	5	45.5	31	22	71.0	74	59	79.7	132	124	93.9	1,294	1,251	96.7
65 +	269	258	95.9	0	0	0.0	3	3	100.0	14	13	92.9	27	26	96.3	223	216	96.9
Unknown	84	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	1	0	0.0
Total	2,442	2,227	91.2	11	5	0.0	61	45	73.8	129	105	81.4	221	208	94.1	1,928	1,864	96.7

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.

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	18	0	3	11	0	0	13	0	1	12	0	1	9	1	2
Shoulder belt only used	1	0	0	0	0	0	1	0	0	10	0	3	10	0	1
Lap belt only used	9	1	1	5	0	1	10	0	1	12	0	1	5	0	2
Both lap & shoulder belts used	1,901	1	203	2,012	1	213	2,044	2	213	2,163	1	241	2,093	4	241
No belts used	17	2	5	21	2	9	15	0	9	19	3	8	17	0	8
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	1	0	0	0	0	0	0	0	0	0	0	0
Restraint failure	0	0	0	2	0	0	1	0	0	0	0	0	1	0	0
Restraint use unknown	36	1	5	35	1	5	70	0	10	95	0	11	147	3	11
Helmet worn	19	1	17	25	0	14	20	0	16	15	1	10	20	1	17
Helmet not worn	11	1	7	5	0	4	16	1	12	16	0	11	18	1	16
Helmet use unknown	1	0	0	1	0	0	4	0	1	4	0	3	3	1	0
Uncoded & errors	116	0	0	132	0	0	117	0	1	89	0	1	5	0	0
Total	2,129	7	241	2,250	4	246	2,311	3	264	2,435	5	290	2,329	11	298

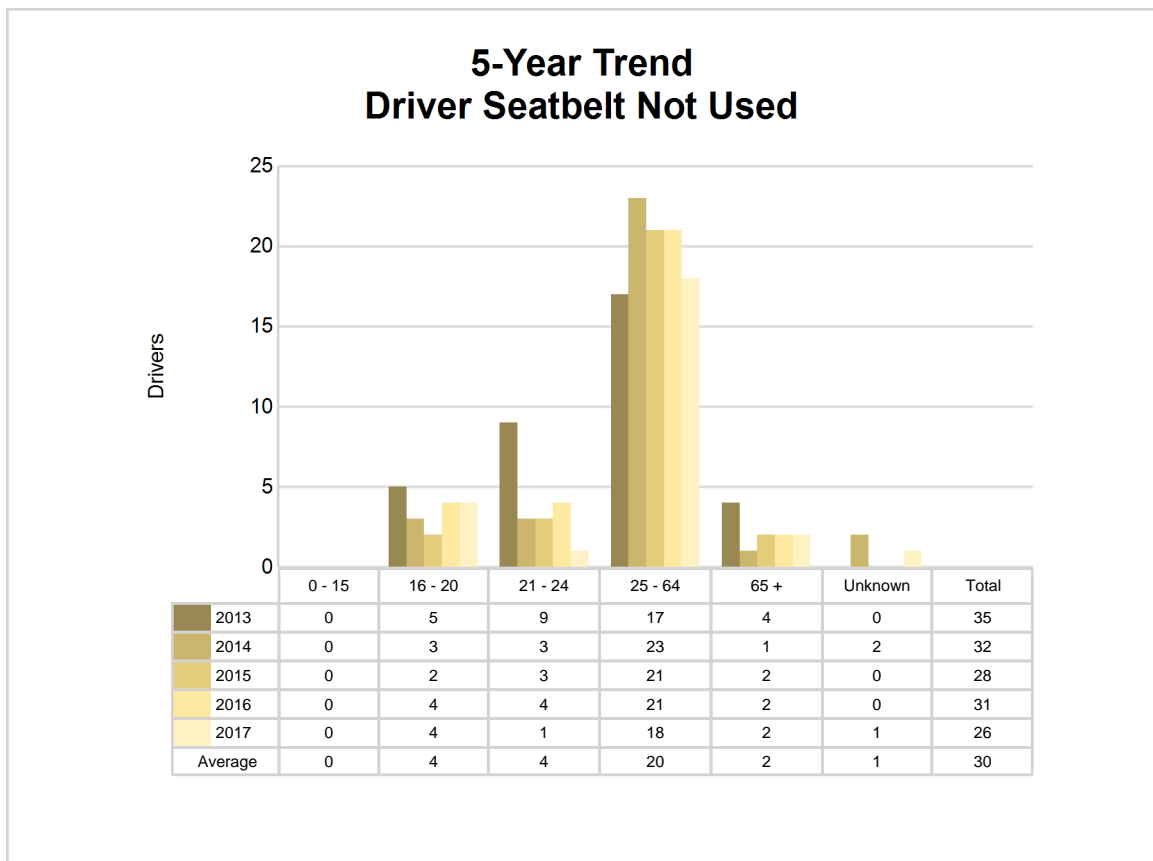
5-Year Trend - Restraint Use Among Drivers Coded Drinking

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	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	1	0	0	0	0	0
Lap belt only used	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0
Both lap & shoulder belts used	35	0	10	35	1	8	47	0	15	49	0	21	57	1	19
No belts used	8	2	4	5	0	3	5	0	3	4	2	2	4	0	3
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	10	0	4	6	0	1	15	0	5	15	0	3	8	1	2
Helmet worn	2	0	2	2	0	1	1	0	0	0	0	0	2	1	1
Helmet not worn	0	0	0	0	0	0	5	1	3	1	0	1	5	1	4
Helmet use unknown	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
Uncoded & errors	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0
Total	56	2	21	48	1	13	74	1	26	72	2	27	79	5	29

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	0	0	0	0	0	0	0	0	0	0	0	0
16 - 20	5	0	2	3	0	1	2	0	1	4	0	2	4	0	3
21 - 24	9	0	5	3	0	2	3	0	2	4	0	1	1	0	1
25 - 64	17	2	1	23	2	6	21	0	7	21	1	6	18	1	6
65 +	4	0	0	1	0	0	2	0	0	2	2	0	2	0	0
Unknown	0	0	0	2	0	0	0	0	0	0	0	0	1	0	0
Total	35	2	8	32	2	9	28	0	10	31	3	9	26	1	10

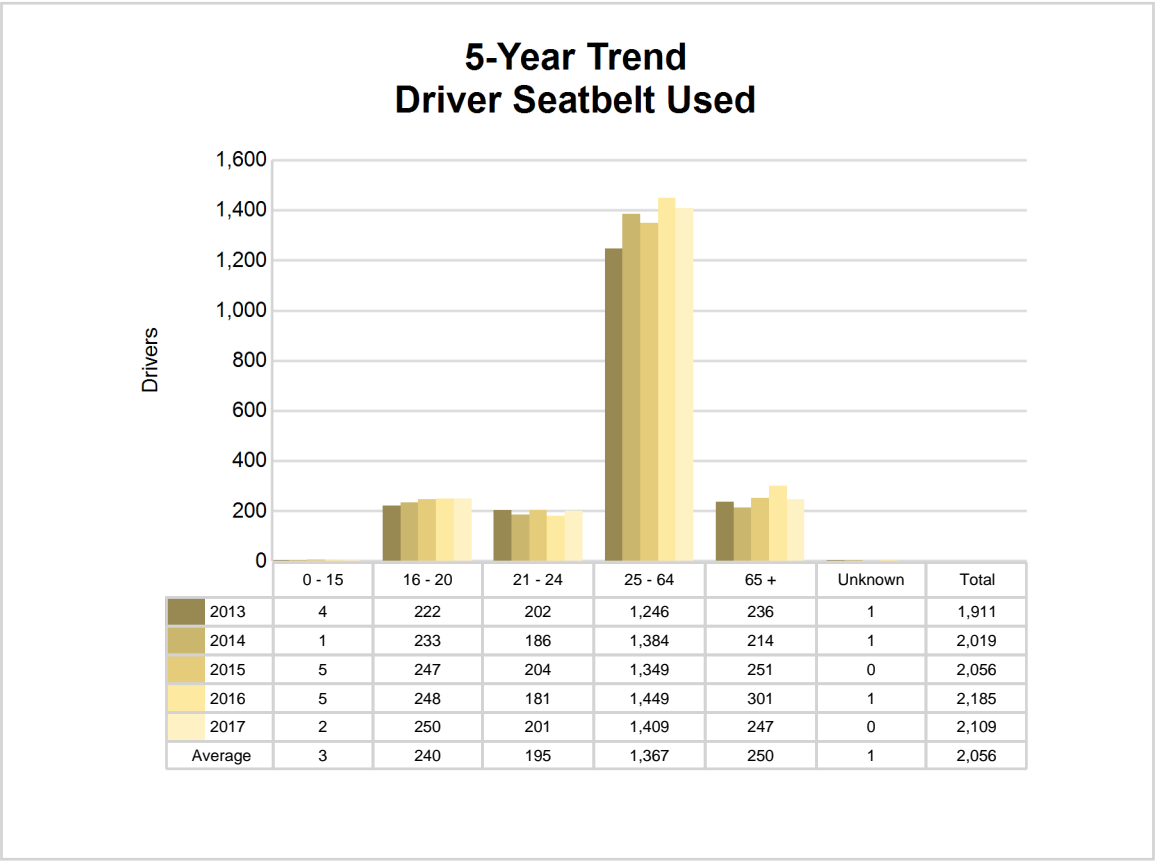
Note: Seatbelt Not Used includes no belts available or no belts used.



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	4	0	0	1	0	0	5	0	2	5	0	1	2	0	0
16 - 20	222	0	34	233	0	31	247	0	31	248	0	31	250	0	30
21 - 24	202	0	17	186	0	20	204	1	24	181	0	15	201	0	26
25 - 64	1,246	0	122	1,384	1	141	1,349	0	132	1,449	1	171	1,409	4	156
65 +	236	2	31	214	0	22	251	1	25	301	0	27	247	0	32
Unknown	1	0	0	1	0	0	0	0	0	1	0	0	0	0	0
Total	1,911	2	204	2,019	1	214	2,056	2	214	2,185	1	245	2,109	4	244

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	1,177	5	1,231	5	1,300	5	1,300	9	1,241	8
Speed too fast	246	3	250	0	210	1	279	1	247	3
Speed too slow	1	0	1	0	2	0	2	0	7	0
Failed to yield	197	2	201	2	228	2	206	4	220	0
Disregard traffic control	49	0	35	0	44	0	51	1	51	0
Drove wrong way	0	0	1	0	0	0	1	0	1	0
Drove left of center	13	1	14	0	18	0	18	0	12	1
Improper passing	16	0	12	1	12	0	10	0	11	0
Improper lane use	20	0	34	0	36	0	36	0	44	0
Improper turn	21	0	15	0	12	0	19	0	21	0
Improper/no signal	7	0	1	0	4	0	1	0	3	0
Improper backing	39	0	35	0	37	0	38	0	38	0
Unable to stop in assured clear distance	170	0	224	1	206	0	231	2	151	0
Other	77	0	81	1	85	0	93	0	79	0
Unknown	30	0	49	2	31	0	42	0	70	4
Reckless driving	11	0	7	0	14	0	15	0	14	0
Careless/negligent driving	55	2	59	0	72	0	93	2	119	1
Uncoded & errors	0	0	0	0	0	0	0	0	0	0
Total	2,129	13	2,250	12	2,311	8	2,435	19	2,329	17



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

In 2017, there were 80 alcohol-involved crashes in St. Joseph County:

- 5 K - Fatal Crashes
- 7 A - Suspected Serious Injury Crashes
- 16 B - Suspected Minor Injury Crashes
- 11 C - Possible Injury Crashes
- 41 O - Property Damage Only/No Injury Crashes

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