

Office of Highway Safety Planning

2016

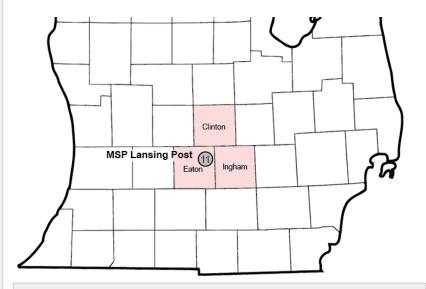


Michigan Traffic Crash Facts

Michigan State Police (MSP) Post 11 - Lansing

2016 Traffic Crash Data & 2012-2016 5-Year Trends

Post 11 is comprised of Clinton, Eaton, and Ingham counties. Trend tables for this report are based on those counties.



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.

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.

<u>Units</u>

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)





MSP Post 11 - Lansing

- There were 15,473 crashes in Post 11 during 2016. [Page 1]
- There were 49 fatalities in 47 fatal crashes in 2016 in Post 11. [Page 1]
- A total of 3,704 injuries resulted from 2,678 injury crashes. [Page 1]
- There were 12,748 property damage only crashes (no fatalities or injuries). [Page 1]
- November had the highest number of crashes (1,638). [Pages 1-2]
- September had the highest number of fatal crashes (9) and fatalities (9). [Pages 1-2]
- October had the highest number of injury crashes (253) and May had the highest number of injuries (358). [Page 1]
- December had the highest number of property damage only crashes (1,407). [Page 1]
- Of all vehicles involved in fatal crashes, 12 (15.6%) were motorcycles. [Page 1]
- Friday was the day of the week with the highest number of crashes (2,585) and Saturday had the highest number of fatal crashes (10). [Pages 2-3]
- The 3:00 PM 5:59 PM time period had the highest number of crashes (3,502). This is true for each year from 2012 to 2016. The noon 2:59 PM time period had the highest number of fatal crashes (11). [Pages 5-6]
- During the period from 2012 to 2016, the highest number of deer crashes occurred in 2013 (3,176). There were two fatal crashes involving deer in 2016. [Pages 7-8]
- Ingham County (64.3%) had the highest number of crashes in Post 11 in 2016, followed by Eaton County (21.8%), and Clinton County (13.9%). [Page 8]
- Ingham County (53.1%) had the highest number of fatalities in Post 11 in 2016, followed by Clinton County (26.5%), and Eaton County (20.4%). [Page 8]
- The highest number of drivers in crashes (25,981) and drivers coded drinking in crashes (438) occurred during 2016 within the five-year period. [Page 9]
- A total of 442 crashes involved alcohol in 2016, the highest number of alcohol-involved crashes within the five-year period. [Page 10]
- Alcohol-involved fatal crashes were the highest in 2013 during the five-year period from 2012 to 2016 at 13. [Page 10]
- A total of 119 crashes, 10 fatal crashes (the same count occurred in 2015), and 17 suspected serious injury crashes involved drugs in 2016, all the highest during the five-year period. [Page 11]
- There were 23,242 drivers wearing seatbelts and 212 drivers not wearing seatbelts in crashes in 2016. Of the 212 drivers not wearing seat belts, 8 (3.8%) were killed and 57 (26.9%) were injured. [Pages 14-16]
- The most common hazardous action coded for drivers in 2016 in all crashes was unable to stop in assured clear distance (3,533), while the most common hazardous action coded for drivers in fatal crashes was speed too fast (12). [Page 17]

MSP Post 11 - Lansing

Post 11 Experience

In 2016:

There were 25,981 drivers involved in 15,473 motor vehicle crashes in MSP Post 11. Of those crashes, 47 were classified as fatal, resulting in 49 fatalities. An additional 3,704 persons were injured.

Post 11 experienced the highest number of motor vehicle crashes (1,638) in November, the highest number of fatal crashes (9) and the highest number of persons killed (9) in September.

Michigan driver statistics indicate 7.5 percent of licensed drivers in Post 11 were age 16-20, and 12.2 percent of drivers in crashes were also in that age group.

2016 - Crashes and Injuries by Month

		Cra	shes		Pers	ons
Month	Total	Fatal	Injury	Property Damage Only (PDO)	Fatalities	Injuries
January	1,525	0	207	1,318	0	277
February	1,379	3	235	1,141	3	304
March	1,169	2	182	985	2	252
April	1,001	4	192	805	4	260
May	1,187	3	237	947	3	358
June	1,172	7	229	936	7	304
July	932	5	211	716	5	309
August	1,055	4	228	823	5	313
September	1,247	9	239	999	9	341
October	1,543	4	253	1,286	4	351
November	1,638	3	250	1,385	4	345
December	1,625	3	215	1,407	3	290
Total	15,473	47	2,678	12,748	49	3,704

2016 - Driver Statistics

		Statewide		Driver	Rates
Age Group	2016 Population	Licensed Drivers	Drivers in Crashes	Per 10k Population	Per 10k Licensed
0 - 15	86,653	2,194	32	3.7	145.9
16 - 20	44,663	24,937	3,166	708.9	1,269.6
21 - 24	40,364	26,777	3,146	779.4	1,174.9
25 - 64	235,459	218,061	15,374	652.9	705.0
65 +	67,960	61,597	2,358	347.0	382.8
Unknown	0	0	1,905		
Total	475,099	333,566	25,981	546.9	778.9

2016 - Vehicles in Crashes

	Motor Veh	nicles	Fatal Cr	ashes	Injury Crashes	PDO Crashes
Vehicle Type	Number of Vehicles	% of Total	Number	% of Total	Number	Number
Passenger car, SUV, van	21,169	81.5	52	67.5	3,950	17,167
Motor home	421	1.6	0	0.0	82	339
Pickup truck	2,631	10.1	5	6.5	463	2,163
Small truck under 10,000 lbs. GVWR	277	1.1	1	1.3	55	221
Motorcycle	148	0.6	12	15.6	109	27
Moped / goped	44	0.2	0	0.0	38	6
Go-cart / golf cart	3	0.0	0	0.0	0	3
Snowmobile	0	0.0	0	0.0	0	0
Off-Road Vehicle - ORV / All- Terrain Vehicle - ATV	5	0.0	2	2.6	3	0
Other	193	0.7	2	2.6	35	156
Truck/bus over 10,000 lbs.	621	2.4	3	3.9	108	510
Unknown	469	1.8	0	0.0	42	427
Total	25,981	100.0	77	100.0	4,885	21,019

5-Year Trend - Crashes by Month

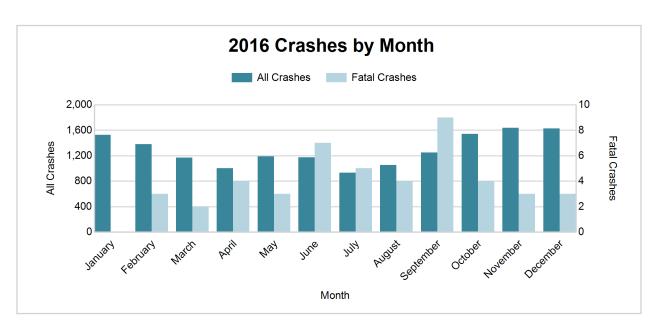
	201	12	201	3	201	14	201	15	2016		
Month	Total Crashes	Fatal Crashes									
January	1,407	3	1,351	5	1,916	2	1,503	1	1,525	0	
February	1,175	2	1,202	1	1,357	2	1,326	2	1,379	3	
March	925	2	1,026	0	1,199	2	1,008	4	1,169	2	
April	793	2	995	0	940	3	881	1	1,001	4	
Мау	1,016	5	1,066	1	1,026	1	1,063	2	1,187	3	
June	1,019	4	978	2	992	4	1,054	5	1,172	7	
July	814	5	869	2	867	2	1,055	5	932	5	
August	880	3	916	9	874	3	980	4	1,055	4	
September	991	4	1,069	3	1,053	9	1,170	1	1,247	9	
October	1,399	4	1,439	4	1,573	3	1,606	4	1,543	4	
November	1,505	1	1,596	5	1,692	0	1,740	0	1,638	3	
December	1,275	2	1,535	1	1,258	5	1,349	2	1,625	3	
Total	13,199	37	14,042	33	14,747	36	14,735	31	15,473	47	

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

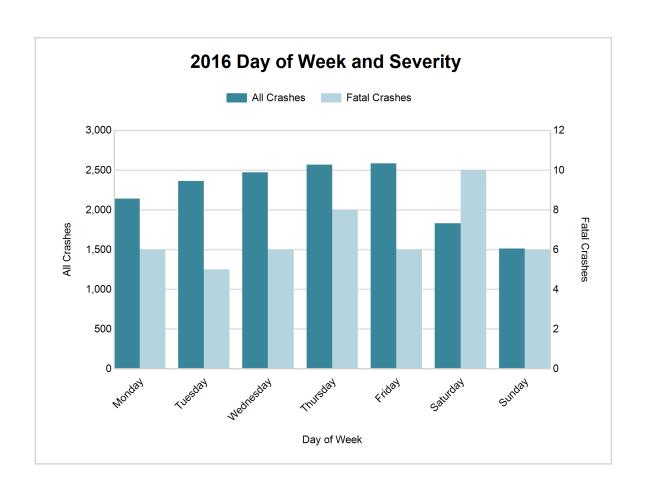
	201	12	2013		2014		201	15	2016	
Day	Total Crashes	Fatal Crashes								
Monday	1,873	2	2,038	4	2,028	3	2,148	5	2,141	6
Tuesday	1,807	4	2,131	3	2,302	9	2,267	4	2,364	5
Wednesday	1,904	2	2,183	7	2,300	2	2,232	2	2,473	6
Thursday	1,938	6	2,144	2	2,474	6	2,115	5	2,568	8
Friday	2,449	3	2,234	6	2,443	5	2,460	3	2,585	6
Saturday	1,782	13	1,842	8	1,703	8	1,947	6	1,830	10
Sunday	1,446	7	1,470	3	1,497	3	1,566	6	1,512	6
Total	13,199	37	14,042	33	14,747	36	14,735	31	15,473	47

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



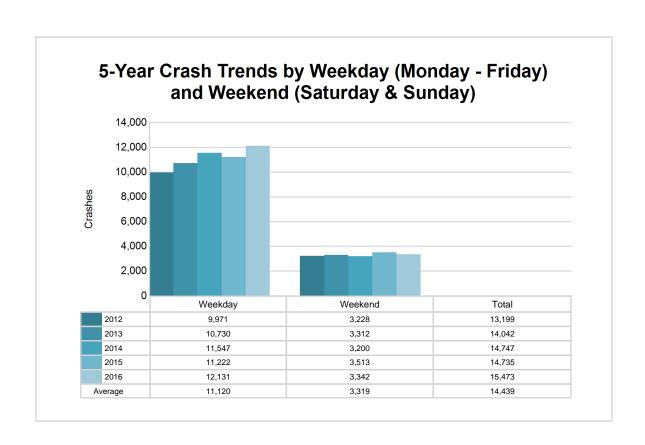
2016 - Crashes by Day of Week

	All Cra	ashes	Fatal C	rashes	lnj	ury Crash	ies	PDO Crashes
Day	Number	% of Total	Number	% of Fatal	Α	В	С	Number
Monday	2,141	13.8	6	12.8	28	85	241	1,781
Tuesday	2,364	15.3	5	10.6	32	102	287	1,938
Wednesday	2,473	16.0	6	12.8	29	90	305	2,043
Thursday	2,568	16.6	8	17.0	36	95	291	2,138
Friday	2,585	16.7	6	12.8	46	104	299	2,130
Saturday	1,830	11.8	10	21.3	28	93	209	1,490
Sunday	1,512	9.8	6	12.8	32	95	151	1,228
Total	15,473	100.0	47	100.0	231	664	1,783	12,748



5-Year Trend - Crashes by Weekday and Weekend

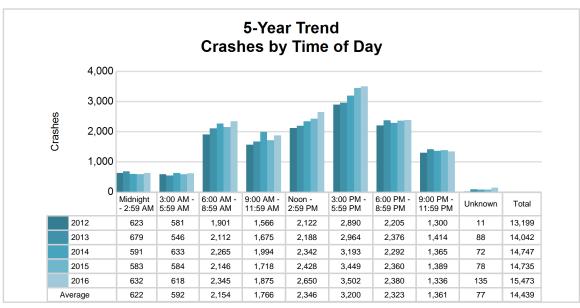
	201	12	2013		201	4	201	5	2016		
Portion of Week	Total Crashes	Fatal Crashes									
Weekday	9,971	17	10,730	22	11,547	25	11,222	19	12,131	31	
Weekend	3,228	20	3,312	11	3,200	11	3,513	12	3,342	16	
Total	13,199	37	14,042	33	14,747	36	14,735	31	15,473	47	

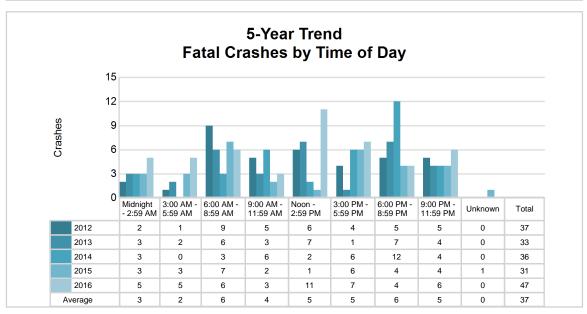


5-Year Trend - Crashes by Time of Day

			201	2	201	3	201	4	201	5	2016	
Time of Da	ay		Total Crashes	Fatal Crashes								
Midnight	-	2:59 AM	623	2	679	3	591	3	583	3	632	5
3:00 AM	-	5:59 AM	581	1	546	2	633	0	584	3	618	5
6:00 AM	-	8:59 AM	1,901	9	2,112	6	2,265	3	2,146	7	2,345	6
9:00 AM	-	11:59 AM	1,566	5	1,675	3	1,994	6	1,718	2	1,875	3
Noon	-	2:59 PM	2,122	6	2,188	7	2,342	2	2,428	1	2,650	11
3:00 PM	-	5:59 PM	2,890 †	4	2,964 †	1	3,193 †	6	3,449 †	6	3,502 †	7
6:00 PM	-	8:59 PM	2,205	5	2,376	7	2,292	12	2,360	4	2,380	4
9:00 PM	-	11:59 PM	1,300	5	1,414	4	1,365	4	1,389	4	1,336	6
Unknown			11	0	88	0	72	0	78	1	135	0
Total			13,199	37	14,042	33	14,747	36	14,735	31	15,473	47

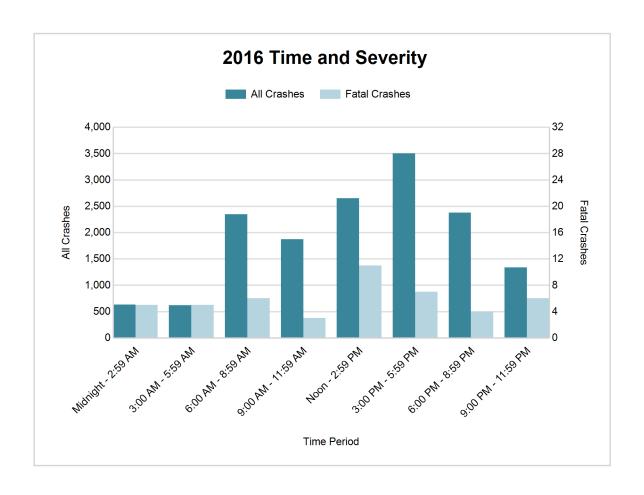
Note: † Indicates that the highest number of total crashes reported in the 5-year period occurred in the same time period





2016 - Time and Severity

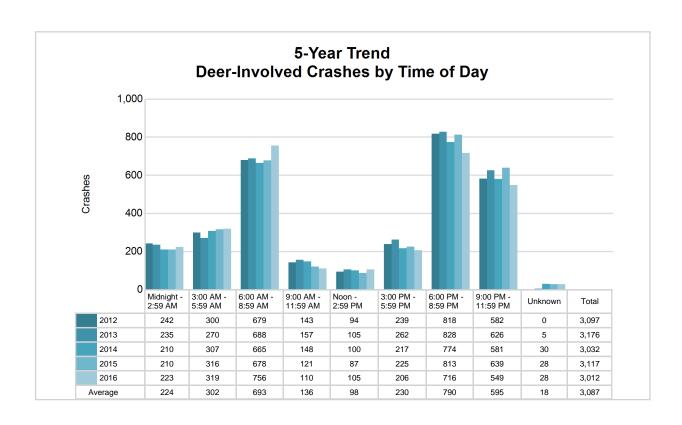
		All Cra	ashes	Fatal C	rashes	lnj	ury Crash	es	PDO Crashes
Time of Da	ay	Number	% of Total	Number	% of Fatal	Α	В	С	Number
Midnight	- 2:59 AM	632	4.1	5	10.6	12	42	50	523
3:00 AM	- 5:59 AM	618	4.0	5	10.6	12	33	40	528
6:00 AM	- 8:59 AM	2,345	15.2	6	12.8	29	86	225	1,999
9:00 AM	- 11:59 AM	1,875	12.1	3	6.4	23	76	249	1,524
Noon	- 2:59 PM	2,650	17.1	11	23.4	46	115	365	2,113
3:00 PM	- 5:59 PM	3,502	22.6	7	14.9	56	156	481	2,802
6:00 PM	- 8:59 PM	2,380	15.4	4	8.5	37	100	234	2,005
9:00 PM	- 11:59 PM	1,336	8.6	6	12.8	15	53	115	1,147
Unknown		135	0.9	0	0.0	1	3	24	107
Total		15,473	100.0	47	100.0	231	664	1,783	12,748

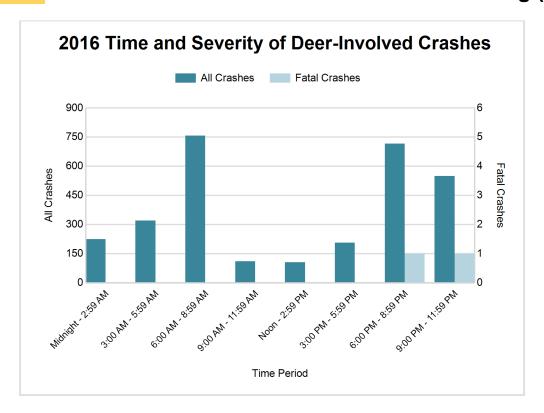


5-Year Trend - Deer-Involved Crashes by Time of Day

			20	12	20	13	20	14	20	15	20	16
Time of Da	ау		Total Crashes	Fatal Crashes								
Midnight	-	2:59 AM	242	0	235	0	210	0	210	1	223	0
3:00 AM	-	5:59 AM	300	0	270	0	307	0	316	1	319	0
6:00 AM	-	8:59 AM	679	0	688	0	665	0	678	0	756	0
9:00 AM	-	11:59 AM	143	0	157	0	148	0	121	0	110	0
Noon	-	2:59 PM	94	0	105	0	100	0	87	0	105	0
3:00 PM	-	5:59 PM	239	0	262	0	217	0	225	0	206	0
6:00 PM	-	8:59 PM	818	0	828	0	774	0	813	0	716	1
9:00 PM	-	11:59 PM	582	0	626	0	581	0	639	0	549	1
Unknown			0	0	5	0	30	0	28	0	28	0
Total			3,097	0	3,176	0	3,032	0	3,117	2	3,012	2

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



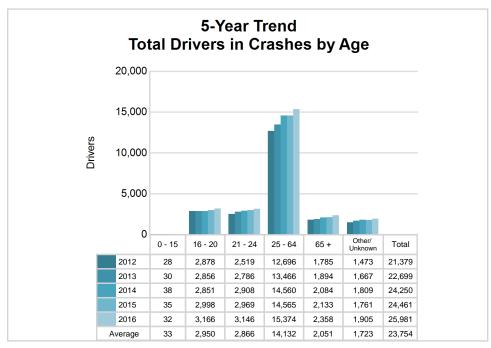


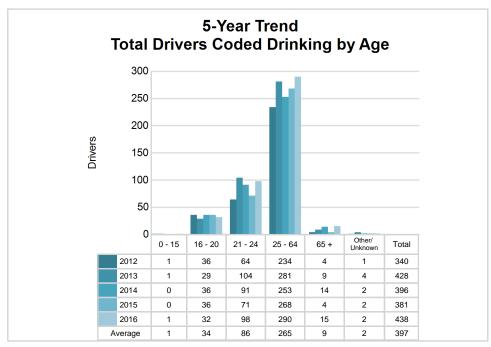
2016 - Reported Motor Vehicle Crashes by County

						Crashes						Pers	Persons		
County	Total	Fatal	Injury	Property Damage	Inter- state	US Route	State Route	Local Street	Alcohol- Involved	Drug- Involved	Deer- Involved	Fatalities	Injuries		
Clinton	2,158	12	294	1,852	359	304	238	1,256	54	16	918	13	426		
Eaton	3,368	10	458	2,900	639	0	1,102	1,627	85	23	998	10	625		
Ingham	9,947	25	1,926	7,996	1,948	481	2,198	5,317	303	80	1,096	26	2,653		
Total	15,473	47	2,678	12,748	2,946	785	3,538	8,200	442	119	3,012	49	3,704		

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

	20	12	20	13	20	14	20	15	2016	
Driver Age	Total Drivers in Crashes	Total Drivers Coded Drinking								
0 - 15	28	1	30	1	38	0	35	0	32	1
16 - 20	2,878	36	2,856	29	2,851	36	2,998	36	3,166	32
21 - 24	2,519	64	2,786	104	2,908	91	2,969	71	3,146	98
25 - 64	12,696	234	13,466	281	14,560	253	14,565	268	15,374	290
65 +	1,785	4	1,894	9	2,084	14	2,133	4	2,358	15
Unknown	1,473	1	1,667	4	1,809	2	1,761	2	1,905	2
Total	21,379	340	22,699	428	24,250	396	24,461	381	25,981	438





2016 - Bodily Alcohol Concentration (BAC) Results Among All Vehicle Drivers in Alcohol-Involved Crashes by Age

		Dri	vers		BAC F	Result Rang	ge for Drive	ers Coded	Drinking
Age Group	Total Drivers in Alcohol- Involved Crashes	Total Drivers Tested in all Crashes	Total Drivers Coded Drinking, Tested	Total Drivers Coded Drinking	BAC = 0.00	to	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	0	0	0	1
16 - 20	49	47	27	32	1	5	6	2	18
21 - 24	123	106	88	98	1	8	32	29	28
25 - 64	406	329	241	290	4	22	59	73	132
65 +	27	22	13	15	0	2	3	2	8
Unknown	50	2	1	2	0	0	0	1	1
Total	656	507	371	438	6	37	100	107	188

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 2016, there were 656 drivers in alcohol-involved crashes; 438 (66.8%) of those drivers were coded as had-been-drinking by the officer on the crash form.

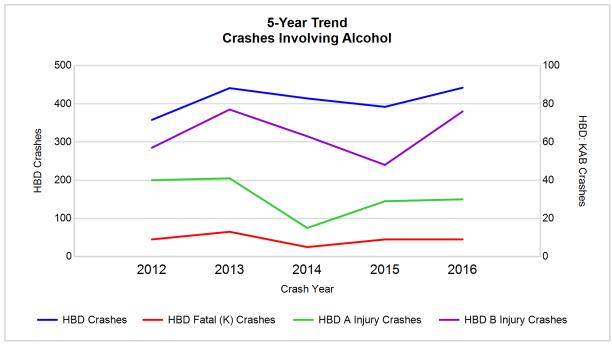
- 207 (47.3%) of the 438 drivers had a blood alcohol concentration (BAC) of 0.08 g/dL (grams per deciliter) or greater, and 107 (51.7%) of the 207 drivers had a BAC at or above 0.17 g/dL.
- 371 (84.7%) of the 438 drivers were coded as hadbeen-drinking and were tested for alcohol consumption.

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
2012	13,199	358	2.7	37	9	24.3	254	40	15.7	528	57	10.8
2013	14,042	441	3.1	33	13	39.4	221	41	18.6	619	77	12.4
2014	14,747	414	2.8	36	5	13.9	195	15	7.7	569	63	11.1
2015	14,735	392	2.7	31	9	29.0	200	29	14.5	579	48	8.3
2016	15,473**	442**	2.9	47**	9	19.1	231	30	13.0	664**	76	11.4

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



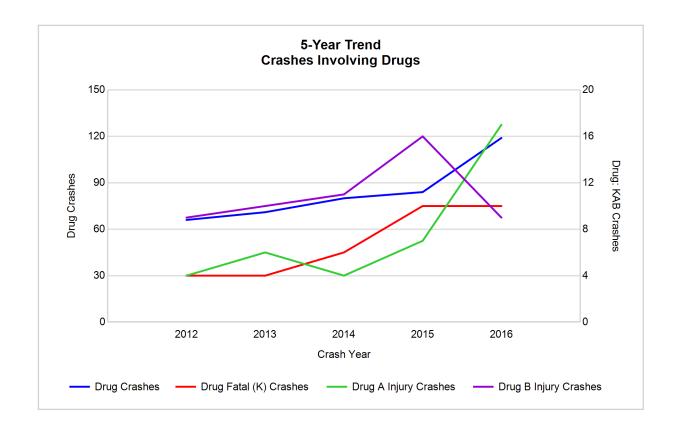
Note: Had-Been-Drinking (HBD)

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
2012	13,199	66	0.5	37	4	10.8	254	4	1.6	528	9	1.7
2013	14,042	71	0.5	33	4	12.1	221	6	2.7	619	10	1.6
2014	14,747	80	0.5	36	6	16.7	195	4	2.1	569	11	1.9
2015	14,735	84	0.6	31	10	32.3	200	7	3.5	579	16	2.8
2016	15,473**	119**	0.8**	47**	10	21.3	231	17**	7.4**	664**	9	1.4*

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

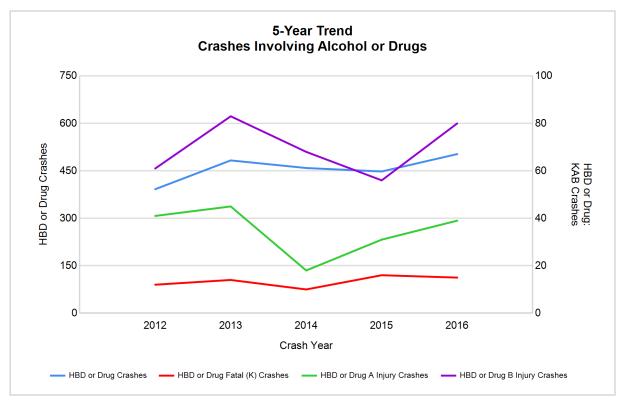
^{**} Indicates that the most recent year is the highest number or percentage reported in the 5-year period in that column



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
2012	13,199	392	3.0	37	12	32.4	254	41	16.1	528	61	11.6
2013	14,042	483	3.4	33	14	42.4	221	45	20.4	619	83	13.4
2014	14,747	459	3.1	36	10	27.8	195	18	9.2	569	68	12.0
2015	14,735	448	3.0	31	16	51.6	200	31	15.5	579	56	9.7
2016	15,473**	503**	3.3	47**	15	31.9	231	39	16.9	664**	80	12.0

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



Note: Had-Been-Drinking (HBD)

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

2016 - Restraints Worn Among Vehicle Drivers and Injured Passengers by Vehicle Type

	Tota	I Occupar	nts		Fatalities		A - Su	spected Se	erious	B - Su	spected N	/linor	C - P	ossible In	jury	I	No Injury	
Vehicle Type	Total	Used Restraint	%	Total	Used Restraint	%	Total	Used Restraint	%	Total	Used Restraint	%	Total	Used Restraint	%	Total	Used Restraint	%
Passenger car, SUV, van	21,944	20,194	92.0	26	15	57.7	187	160	85.6	612	561	91.7	2,132	2,060	96.6	17,644	17,203	97.5
Motor home	433	403	93.1	0	0	0.0	1	1	100.0	10	10	100.0	38	34	89.5	367	358	97.5
Pickup truck	2,690	2,424	90.1	4	2	50.0	22	12	54.5	66	61	92.4	173	163	94.2	2,250	2,176	96.7
Small truck under 10,000 lbs. GVWR	284	264	93.0	2	2	100.0	3	3	100.0	4	3	75.0	26	24	92.3	234	230	98.3
Motorcycle	157	90	57.3	11	4	36.4	37	22	59.5	51	37	72.5	26	15	57.7	25	12	48.0
Moped / goped	47	4	8.5	0	0	0.0	5	1	20.0	18	2	11.1	14	1	7.1	7	0	0.0
Go-cart / golf cart	3	1	33.3	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	3	1	33.3
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	5	4	80.0	1	1	100.0	1	1	100.0	1	1	100.0	2	1	50.0	0	0	0.0
Other	198	163	82.3	0	0	0.0	1	0	0.0	7	5	71.4	13	9	69.2	150	132	88.0
Truck/bus over 10,000 lbs.	651	573	88.0	0	0	0.0	0	0	0.0	9	3	33.3	44	17	38.6	569	546	96.0
Unknown	469	11	2.3	0	0	0.0	0	0	0.0	0	0	0.0	1	1	100.0	19	9	47.4
Total	26,881	24,131	89.8	44	24	54.5	257	200	77.8	778	683	87.8	2,469	2,325	94.2	21,268	20,667	97.2

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.

2016 - Restraints Worn Among Vehicle Drivers and Injured Passengers by Age

	Tota	al Occupar	nts		Fatalities		A - Su	spected Se	rious	B - Su	spected N	linor	C - P	ossible In	jury	ı	No Injury	
Age Group	Total	Used Restraint	%	Total	Used Restraint	%	Total	Used Restraint	%	Total	Used Restraint	%	Total	Used Restraint	%	Total	Used Restraint	%
0 - 15	301	266	88.4	5	2	40.0	13	11	84.6	41	36	87.8	214	190	88.8	26	25	96.2
16 - 20	3,295	3,169	96.2	2	2	100.0	37	26	70.3	129	108	83.7	303	282	93.1	2,801	2,730	97.5
21 - 24	3,227	3,109	96.3	3	2	66.7	32	24	75.0	105	93	88.6	260	236	90.8	2,788	2,724	97.7
25 - 64	15,715	15,191	96.7	25	12	48.0	146	114	78.1	435	381	87.6	1,433	1,365	95.3	13,471	13,163	97.7
65 +	2,435	2,374	97.5	9	6	66.7	28	25	89.3	68	65	95.6	257	251	97.7	2,047	2,007	98.0
Unknown	1,908	22	1.2	0	0	0.0	1	0	0.0	0	0	0.0	2	1	50.0	135	18	13.3
Total	26,881	24,131	89.8	44	24	54.5	257	200	77.8	778	683	87.8	2,469	2,325	94.2	21,268	20,667	97.2

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

		2012			2013			2014			2015			2016	
Restraint Use	Drivers	Fatal Drivers	Injured Drivers												
No belts available	74	0	15	71	0	12	76	0	10	87	0	9	82	0	13
Shoulder belt only used	9	0	0	16	0	3	18	0	4	14	0	3	53	0	7
Lap belt only used	64	0	5	64	0	10	89	0	8	77	2	7	54	0	4
Both lap & shoulder belts used	19,162	14	1,881	20,322	8	1,899	21,666	12	2,013	21,836	9	2,027	23,126	13	2,341
No belts used	102	5	44	100	8	42	111	4	45	140	6	46	130	8	44
Child restraint used	1	0	0	1	0	0	0	0	0	0	0	0	5	0	1
Child restraint not used, unavailable or improper use	2	0	1	0	0	0	1	0	0	1	0	0	0	0	0
Restraint failure	5	0	1	3	0	0	3	0	0	8	0	2	9	0	0
Restraint use unknown	475	4	39	507	4	54	523	3	42	486	2	53	1,569	2	65
Helmet worn	112	4	75	120	1	87	89	2	65	98	3	66	92	5	75
Helmet not worn	66	3	48	52	3	37	53	3	37	73	2	56	80	7	58
Helmet use unknown	11	0	5	11	0	4	10	1	1	13	1	3	16	0	9
Uncoded & errors	1,296	0	4	1,432	0	0	1,611	0	3	1,628	0	1	765	0	2
Total	21,379	30	2,118	22,699	24	2,148	24,250	25	2,228	24,461	25	2,273	25,981	35	2,619

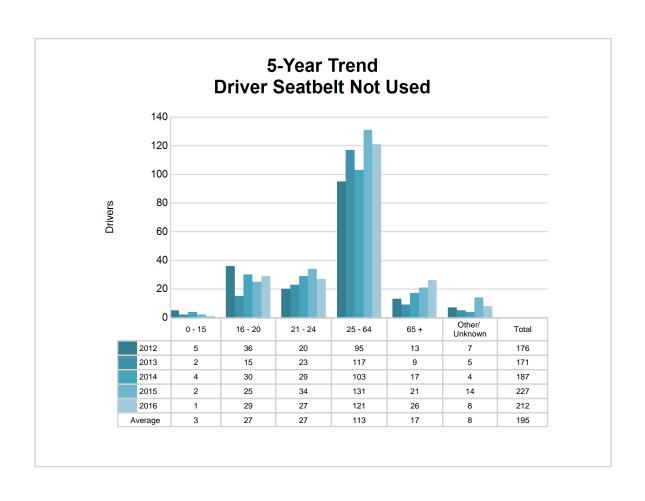
5-Year Trend - Restraint Use Among Drivers Coded Drinking

		2012			2013			2014			2015			2016	
Restraint Use	Drivers	Fatal Drivers	Injured Drivers												
No belts available	2	0	0	0	0	0	1	0	1	1	0	1	1	0	1
Shoulder belt only used	0	0	0	0	0	0	1	0	1	0	0	0	1	0	0
Lap belt only used	1	0	1	1	0	0	3	0	1	2	2	0	0	0	0
Both lap & shoulder belts used	251	2	77	313	3	101	307	3	78	274	2	73	336	3	103
No belts used	14	1	8	25	1	16	16	0	10	16	2	10	16	2	10
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	1	0	1	0	0	0	1	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	57	1	18	71	1	23	59	1	21	70	0	17	66	0	21
Helmet worn	6	0	6	4	0	2	2	0	1	4	0	3	2	2	0
Helmet not worn	6	2	3	11	3	8	4	0	4	13	1	9	13	2	9
Helmet use unknown	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0
Uncoded & errors	2	0	0	3	0	0	2	0	0	0	0	0	2	0	0
Total	340	6	114	428	8	150	396	4	117	381	8	113	438	9	144

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

		2012			2013			2014			2015			2016	
Age Group	Drivers	Fatal Drivers	Injured Drivers												
0 - 15	5	0	0	2	0	0	4	0	1	2	0	0	1	0	1
16 - 20	36	0	18	15	2	2	30	1	11	25	0	7	29	0	11
21 - 24	20	0	8	23	0	12	29	0	9	34	0	11	27	1	9
25 - 64	95	4	30	117	4	40	103	2	28	131	5	36	121	4	28
65 +	13	1	3	9	2	0	17	1	6	21	1	1	26	3	8
Unknown	7	0	0	5	0	0	4	0	0	14	0	0	8	0	0
Total	176	5	59	171	8	54	187	4	55	227	6	55	212	8	57

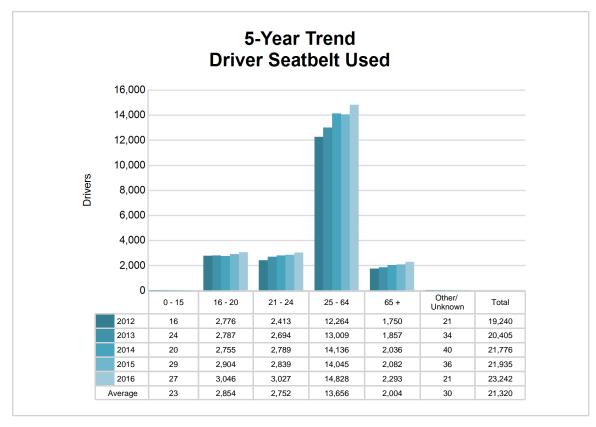
Note: Seatbelt Not Used includes no belts available or no belts used.



5-Year Trend - Seatbelt Used Among Drivers by Age

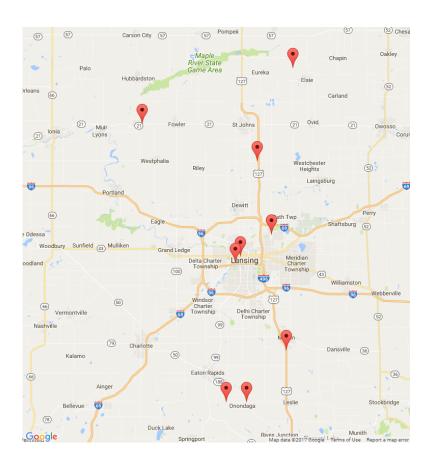
		2012			2013			2014			2015			2016	
Age Group	Drivers	Fatal Drivers	Injured Drivers												
0 - 15	16	0	4	24	0	1	20	0	2	29	0	3	27	0	2
16 - 20	2,776	2	262	2,787	0	253	2,755	1	244	2,904	1	292	3,046	2	297
21 - 24	2,413	0	243	2,694	3	229	2,789	0	263	2,839	2	241	3,027	1	276
25 - 64	12,264	7	1,166	13,009	3	1,214	14,136	8	1,307	14,045	6	1,299	14,828	7	1,513
65 +	1,750	5	212	1,857	2	215	2,036	3	209	2,082	2	204	2,293	3	264
Unknown	21	0	0	34	0	0	40	0	0	36	0	0	21	0	0
Total	19,240	14	1,887	20,405	8	1,912	21,776	12	2,025	21,935	11	2,039	23,242	13	2,352

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

	20	12	20	13	20	14	20	15	20	16
Hazardous Action	Total Drivers in Crashes	Drivers in Fatal Crashes								
None	11,825	23	12,572	25	13,273	19	13,519	26	13,924	36
Speed too fast	1,266	6	1,360	5	1,785	8	1,368	6	1,460	12
Speed too slow	17	0	15	0	16	0	24	0	22	0
Failed to yield	2,028	4	2,116	3	2,296	6	2,237	5	2,471	7
Disregard traffic control	514	6	526	2	546	4	631	3	621	3
Drove wrong way	18	0	29	0	40	2	28	1	33	0
Drove left of center	60	1	75	0	88	2	89	2	94	1
Improper passing	84	0	84	1	110	1	115	0	124	0
Improper lane use	394	0	441	1	508	0	542	0	637	0
Improper turn	267	0	255	0	284	0	319	0	300	1
Improper/no signal	25	0	26	0	23	0	42	0	30	0
Improper backing	408	0	411	0	433	0	427	0	444	0
Unable to stop in assured clear distance	2,722	4	2,946	1	2,978	0	3,145	1	3,533	2
Other	473	4	508	5	594	1	557	2	560	1
Unknown	486	4	499	4	476	5	560	8	855	7
Reckless driving	85	1	126	4	102	2	108	0	91	1
Careless/negligent driving	560	2	564	3	566	5	578	2	595	5
Uncoded & errors	147	3	146	0	132	1	172	0	187	1
Total	21,379	58	22,699	54	24,250	56	24,461	56	25,981	77



The picture above represents all 2016 alcohol-involved fatal crashes in Post 11.

In 2016, there were 442 alcohol-involved crashes in Post 11:

- 9 K Fatal Crashes
- 30 A Suspected Serious Injury Crashes
- 76 B Suspected Minor Injury Crashes
- 73 C Possible Injury Crashes
- 254 O Property Damage Only/No Injury Crashes

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