



2016

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)



Wayne County

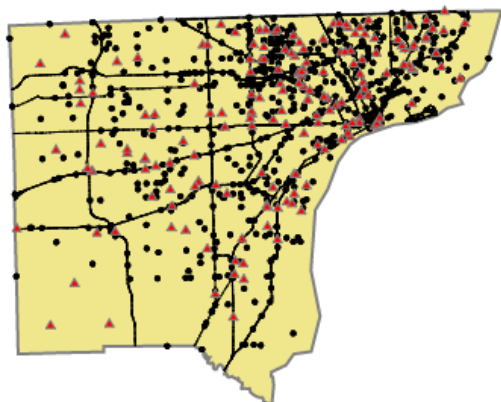
2016 Traffic Crash Data & 2012-2016 5-Year Trends



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 (183/183)
- A - Suspected Serious (730/730)

Wayne County

In 2016:

There were 103,686 drivers involved in 53,164 motor vehicle crashes in Wayne County. Of those crashes, 183 were classified as fatal, resulting in 200 fatalities. An additional 16,692 persons were injured.

Wayne County experienced the highest number of motor vehicle crashes (5,102) in December, the highest number of fatal crashes (23) and the highest number of persons killed (24) in August.

Michigan driver statistics indicate 6.2 percent of licensed drivers in Wayne County were age 16-20, and 8.5 percent of drivers in crashes were also in that age group.

2016 - Crashes and Injuries by Month

Month	Crashes				Persons	
	Total	Fatal	Injury	Property Damage Only (PDO)	Fatalities	Injuries
January	4,161	11	851	3,299	14	1,161
February	4,169	15	861	3,293	16	1,180
March	4,482	7	935	3,540	8	1,374
April	4,211	18	919	3,274	22	1,342
May	4,560	14	1,059	3,487	16	1,467
June	4,330	21	1,076	3,233	23	1,483
July	4,415	10	1,084	3,321	10	1,542
August	4,272	23	1,066	3,183	24	1,496
September	4,523	17	1,088	3,418	19	1,522
October	4,502	15	1,064	3,423	16	1,500
November	4,437	20	968	3,449	20	1,332
December	5,102	12	932	4,158	12	1,293
Total	53,164	183	11,903	41,078	200	16,692

2016 - Driver Statistics

Age Group	Statewide			Driver Rates	
	2016 Population	Licensed Drivers	Drivers in Crashes	Per 10k Population	Per 10k Licensed
0 - 15	369,831	5,424	135	3.7	248.9
16 - 20	110,479	68,578	8,815	797.9	1,285.4
21 - 24	98,121	76,301	9,538	972.1	1,250.0
25 - 64	918,818	749,963	58,976	641.9	786.4
65 +	252,117	201,947	8,154	323.4	403.8
Unknown	0	0	18,068	- -	- -
Total	1,749,366	1,102,213	103,686	592.7	940.7

2016 - 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	86,302	83.2	222	74.7	19,767	66,313
Motor home	1,868	1.8	5	1.7	454	1,409
Pickup truck	6,798	6.6	24	8.1	1,380	5,394
Small truck under 10,000 lbs. GVWR	934	0.9	1	0.3	189	744
Motorcycle	539	0.5	22	7.4	368	149
Moped / goped	50	0.0	3	1.0	41	6
Go-cart / golf cart	11	0.0	0	0.0	4	7
Snowmobile	2	0.0	0	0.0	1	1
Off-Road Vehicle - ORV / All-Terrain Vehicle - ATV	16	0.0	1	0.3	9	6
Other	590	0.6	1	0.3	96	493
Truck/bus over 10,000 lbs.	2,680	2.6	13	4.4	497	2,170
Unknown	3,896	3.8	5	1.7	496	3,395
Total	103,686	100.0	297	100.0	23,302	80,087

5-Year Trend - Crashes by Month

Month	2012		2013		2014		2015		2016	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
January	3,816	14	3,812	11	6,142	13	4,955	12	4,161	11
February	3,404	15	3,709	6	4,110	12	4,624	6	4,169	15
March	3,467	18	3,410	7	4,157	8	3,986	9	4,482	7
April	3,313	9	3,331	10	3,244	14	3,590	16	4,211	18
May	3,870	6	3,898	15	3,862	11	4,226	8	4,560	14
June	3,760	20	3,722	13	3,874	11	4,214	22	4,330	21
July	3,576	14	3,593	22	3,298	15	3,899	18	4,415	10
August	3,657	9	3,572	12	3,799	16	3,960	27	4,272	23
September	3,522	11	3,699	19	3,863	17	4,269	11	4,523	17
October	4,061	17	4,120	11	4,148	17	4,222	10	4,502	15
November	3,458	7	3,801	12	4,478	10	4,383	24	4,437	20
December	4,229	6	4,186	13	3,456	11	4,130	11	5,102	12
Total	44,133	146	44,853	151	48,431	155	50,458	174	53,164	183

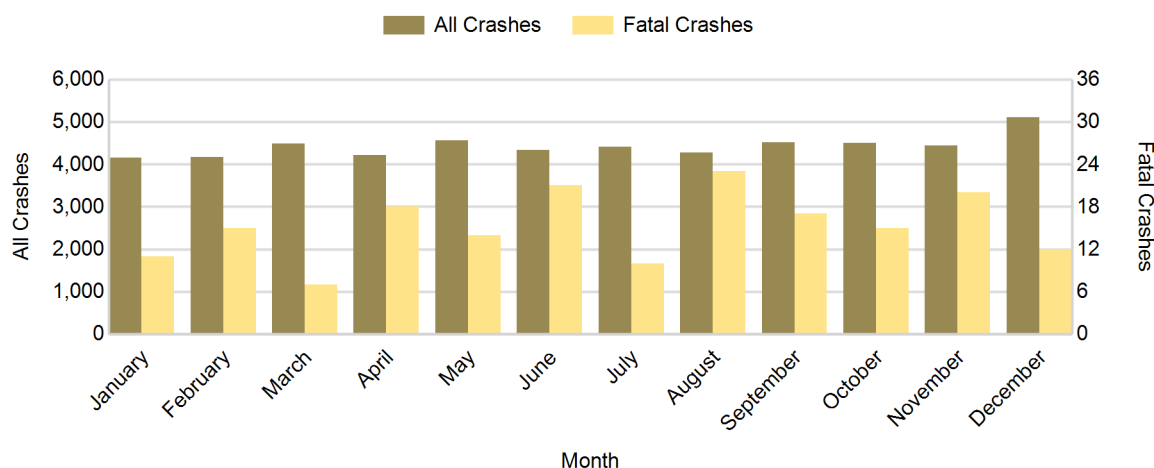
Note: † Indicates that the highest number of total crashes reported in the 5-year period occurred in the same month

5-Year Trend - Crashes by Day of Week

Day	2012		2013		2014		2015		2016	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Monday	6,204	19	6,586	12	6,787	32	7,237	20	7,425	14
Tuesday	6,259	17	6,414	12	7,318	18	7,497	22	7,797	23
Wednesday	6,480	17	6,592	19	8,023	10	7,744	20	8,094	17
Thursday	6,780	12	6,809	24	7,469	13	7,531	21	8,403	25
Friday	7,500	32	7,265	26	7,715	25	8,024	25	8,645	27
Saturday	6,018	23	6,362	30	6,148	30	6,858	39	7,037	39
Sunday	4,892	26	4,825	28	4,971	27	5,567	27	5,763	38
Total	44,133	146	44,853	151	48,431	155	50,458	174	53,164	183

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

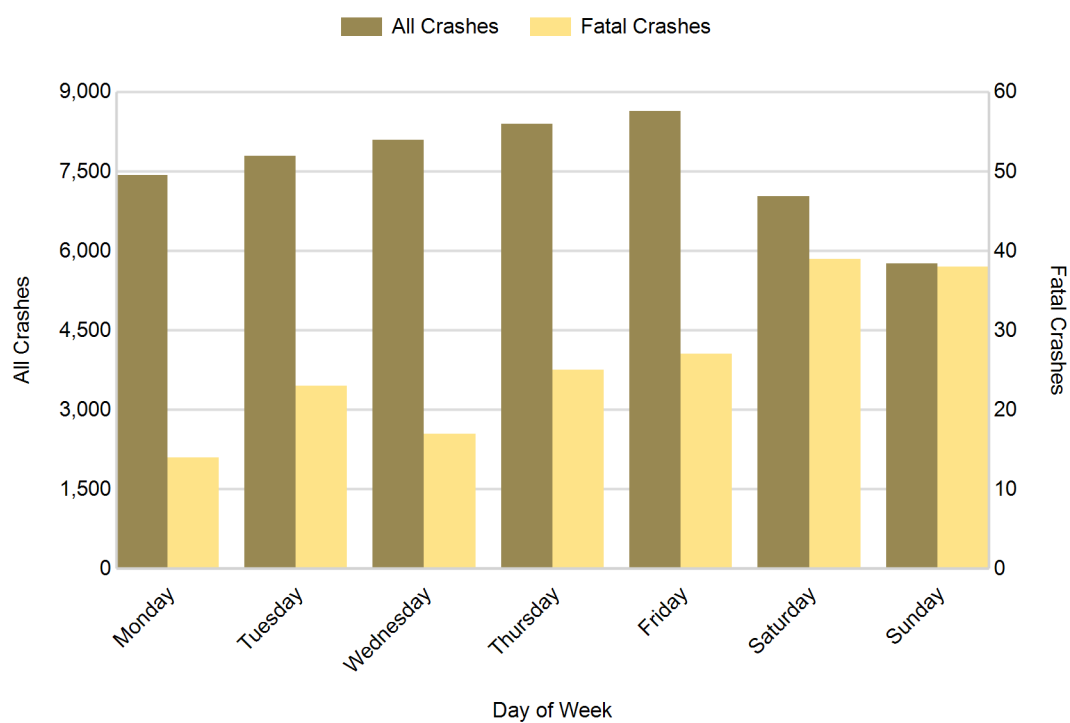
2016 Crashes by Month



2016 - 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	7,425	14.0	14	7.7	101	377	1,173	5,760
Tuesday	7,797	14.7	23	12.6	95	386	1,204	6,089
Wednesday	8,094	15.2	17	9.3	90	401	1,284	6,302
Thursday	8,403	15.8	25	13.7	72	418	1,312	6,576
Friday	8,645	16.3	27	14.8	105	446	1,313	6,754
Saturday	7,037	13.2	39	21.3	144	391	1,193	5,270
Sunday	5,763	10.8	38	20.8	123	353	922	4,327
Total	53,164	100.0	183	100.0	730	2,772	8,401	41,078

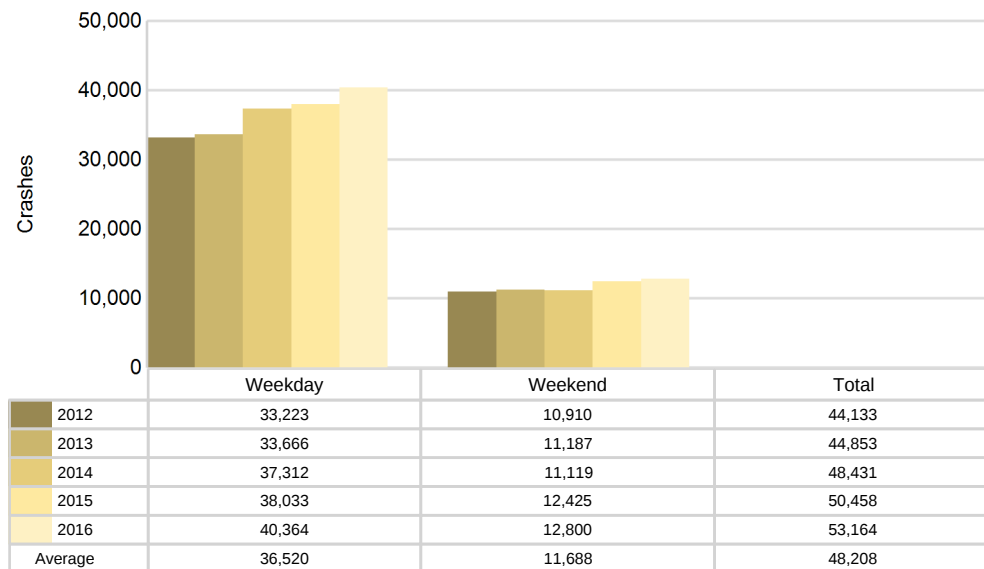
2016 Day of Week and Severity



5-Year Trend - Crashes by Weekday and Weekend

Portion of Week	2012		2013		2014		2015		2016	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Weekday	33,223	97	33,666	93	37,312	98	38,033	108	40,364	106
Weekend	10,910	49	11,187	58	11,119	57	12,425	66	12,800	77
Total	44,133	146	44,853	151	48,431	155	50,458	174	53,164	183

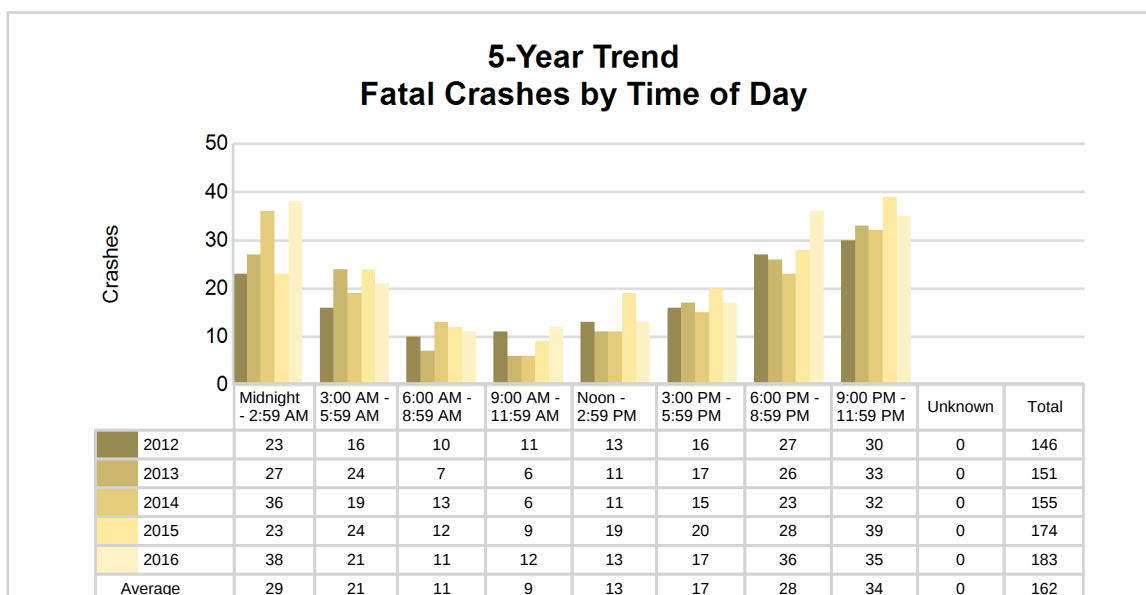
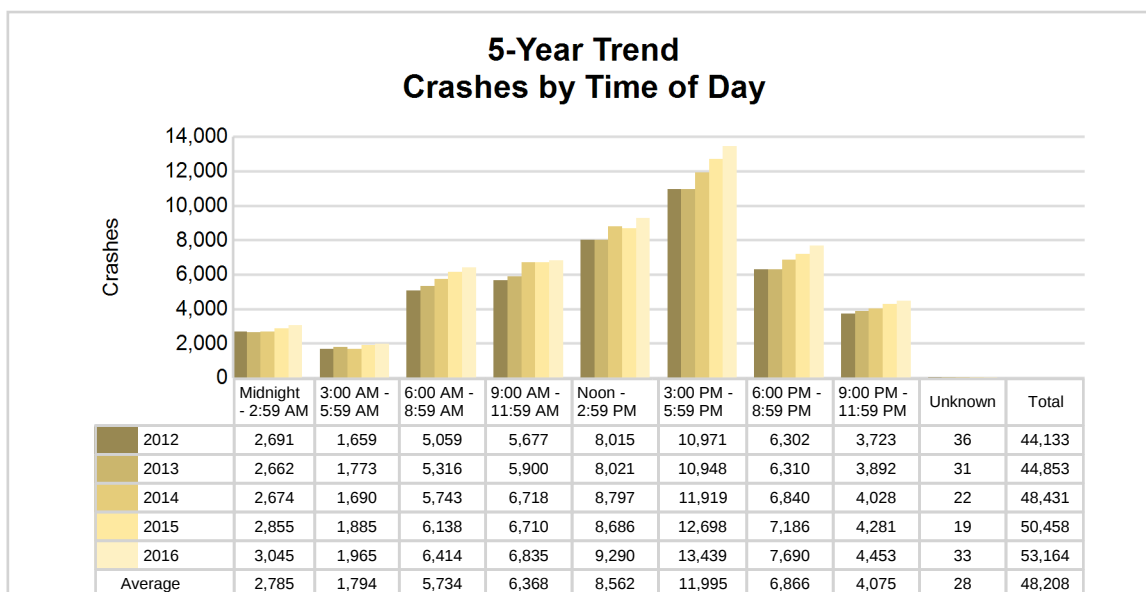
5-Year Crash Trends by Weekday (Monday - Friday) and Weekend (Saturday & Sunday)



5-Year Trend - Crashes by Time of Day

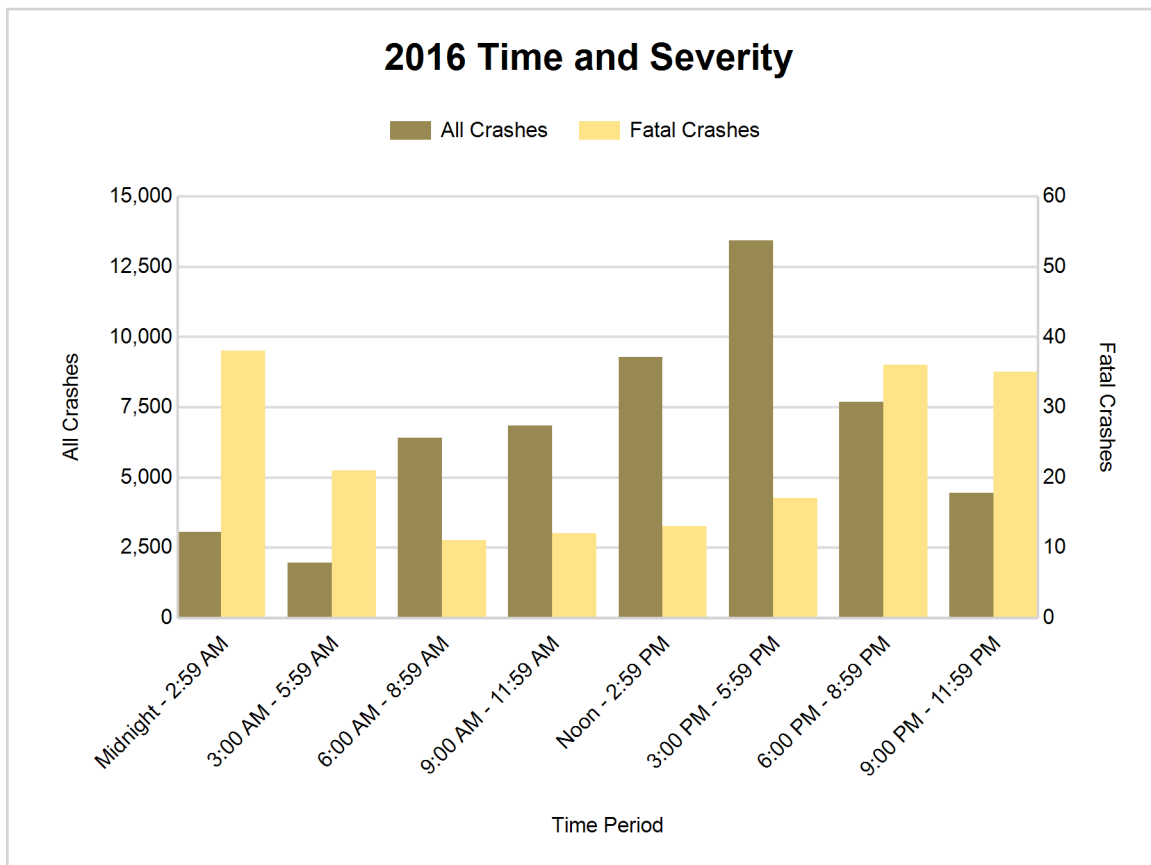
Time of Day	2012		2013		2014		2015		2016	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Midnight - 2:59 AM	2,691	23	2,662	27	2,674	36	2,855	23	3,045	38
3:00 AM - 5:59 AM	1,659	16	1,773	24	1,690	19	1,885	24	1,965	21
6:00 AM - 8:59 AM	5,059	10	5,316	7	5,743	13	6,138	12	6,414	11
9:00 AM - 11:59 AM	5,677	11	5,900	6	6,718	6	6,710	9	6,835	12
Noon - 2:59 PM	8,015	13	8,021	11	8,797	11	8,686	19	9,290	13
3:00 PM - 5:59 PM	10,971 †	16	10,948 †	17	11,919 †	15	12,698 †	20	13,439 †	17
6:00 PM - 8:59 PM	6,302	27	6,310	26	6,840	23	7,186	28	7,690	36
9:00 PM - 11:59 PM	3,723	30	3,892	33	4,028	32	4,281	39	4,453	35
Unknown	36	0	31	0	22	0	19	0	33	0
Total	44,133	146	44,853	151	48,431	155	50,458	174	53,164	183

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

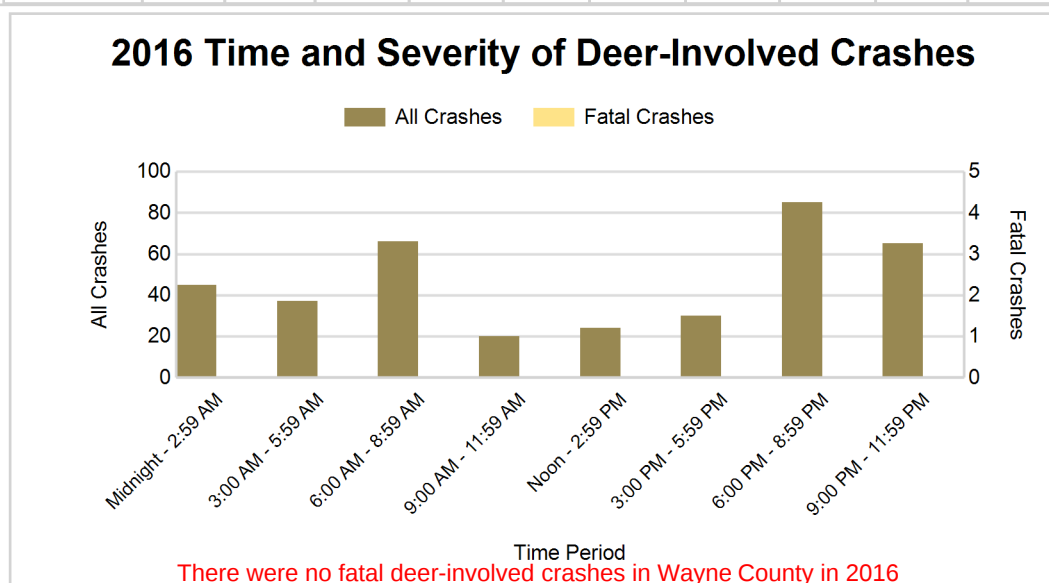
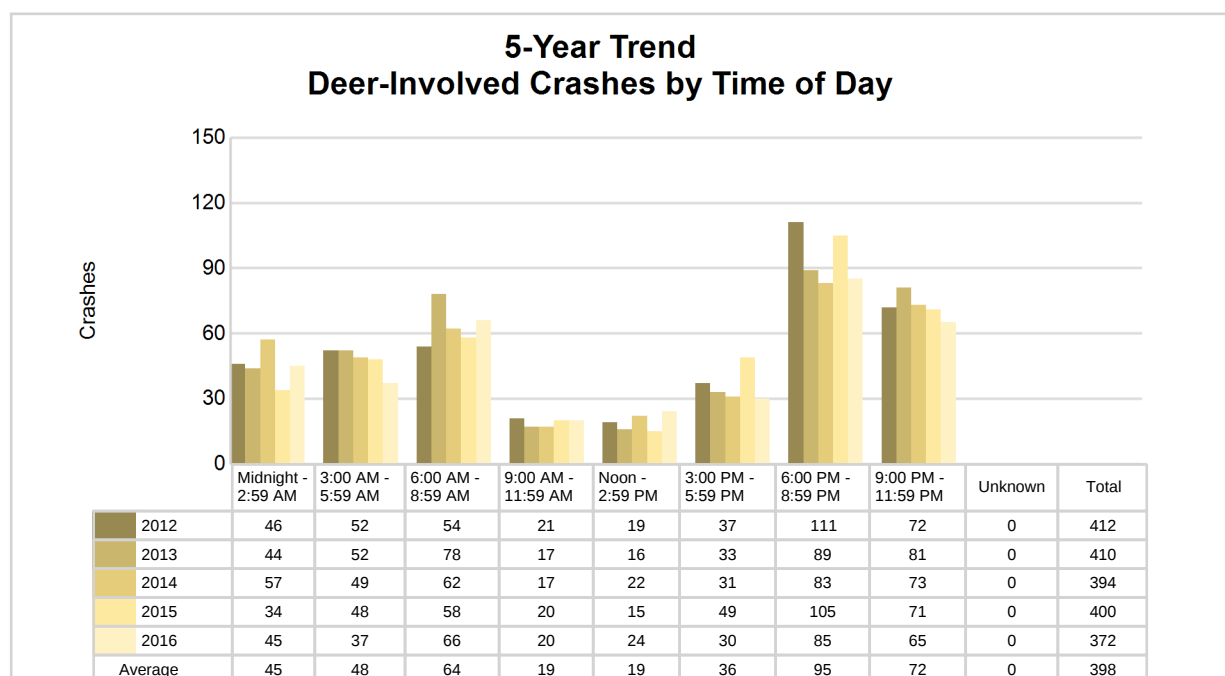
Time of Day	All Crashes		Fatal Crashes		Injury Crashes			PDO Crashes
	Number	% of Total	Number	% of Fatal	A	B	C	Number
Midnight - 2:59 AM	3,045	5.7	38	20.8	101	241	529	2,136
3:00 AM - 5:59 AM	1,965	3.7	21	11.5	48	123	294	1,479
6:00 AM - 8:59 AM	6,414	12.1	11	6.0	49	263	936	5,155
9:00 AM - 11:59 AM	6,835	12.9	12	6.6	59	297	1,011	5,456
Noon - 2:59 PM	9,290	17.5	13	7.1	98	457	1,545	7,177
3:00 PM - 5:59 PM	13,439	25.3	17	9.3	140	643	2,086	10,553
6:00 PM - 8:59 PM	7,690	14.5	36	19.7	125	421	1,253	5,855
9:00 PM - 11:59 PM	4,453	8.4	35	19.1	110	327	746	3,235
Unknown	33	0.1	0	0.0	0	0	1	32
Total	53,164	100.0	183	100.0	730	2,772	8,401	41,078



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

Time of Day	2012		2013		2014		2015		2016	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Midnight - 2:59 AM	46	0	44	0	57	0	34	0	45	0
3:00 AM - 5:59 AM	52	0	52	0	49	0	48	0	37	0
6:00 AM - 8:59 AM	54	0	78	0	62	0	58	0	66	0
9:00 AM - 11:59 AM	21	0	17	0	17	0	20	0	20	0
Noon - 2:59 PM	19	0	16	0	22	0	15	0	24	0
3:00 PM - 5:59 PM	37	0	33	0	31	0	49	0	30	0
6:00 PM - 8:59 PM	111 †	0	89 †	0	83 †	0	105 †	0	85 †	0
9:00 PM - 11:59 PM	72	0	81	1	73	0	71	0	65	0
Unknown	0	0	0	0	0	0	0	0	0	0
Total	412	0	410	1	394	0	400	0	372	0

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



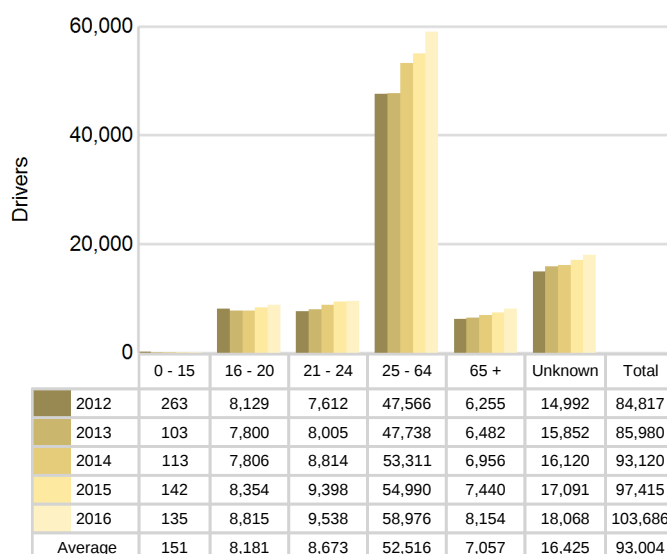
2016 - Reported Motor Vehicle Crashes by Municipality

Municipality	Crashes											Persons	
	Total	Fatal	Injury	Property Damage	Inter-state	US Route	State Route	Local Street	Alcohol-Involved	Drug-Involved	Deer-Involved	Fatalities	Injuries
Allen Park	825	1	138	686	170	0	250	405	13	9	3	1	183
Belleville	80	0	18	62	0	0	0	80	4	1	0	0	24
Brownstown Twp.	684	4	165	515	132	189	16	347	30	12	24	4	217
Canton Twp.	2,079	5	437	1,637	235	341	560	943	43	14	32	6	591
Dearborn	3,598	6	758	2,834	148	925	775	1,750	84	35	5	6	1,034
Dearborn Heights	1,225	1	236	988	0	295	264	666	50	17	4	1	323
Detroit	23,444	108	5,806	17,530	4,934	369	5,143	12,996	428	136	9	118	8,361
Ecorse	167	2	34	131	0	0	0	165	13	4	0	2	48
Flat Rock	185	0	31	154	15	65	0	105	12	2	8	0	39
Garden City	549	1	134	414	0	0	211	338	15	3	0	1	172
Gibraltar	79	0	20	59	0	0	14	65	6	2	9	0	23
Grosse Ile Twp.	102	0	11	91	0	0	0	102	6	4	29	0	12
Grosse Pointe	103	0	12	91	0	0	0	103	2	2	1	0	14
Grosse Pointe Twp.	0	0	0	0	0	0	0	0	0	0	0	0	0
Grosse Pte. Farms	199	0	31	168	0	0	0	199	10	2	0	0	48
Grosse Pte. Park	112	1	24	87	0	0	0	112	7	0	0	1	29
Grosse Pte. Shores	41	0	7	34	0	0	0	41	4	2	0	0	9
Grosse Pte. Woods	239	0	30	209	0	0	0	239	8	4	0	0	35
Hamtramck	546	1	99	446	112	0	0	434	11	2	0	2	131
Harper Woods	404	1	104	299	174	0	96	134	19	11	0	1	136
Highland Park	218	2	49	167	5	0	121	92	8	1	0	2	71
Huron Twp.	284	1	57	226	54	0	0	230	19	5	28	1	77
Inkster	392	3	95	294	0	105	0	287	28	8	1	3	140
Lincoln Park	1,145	7	196	942	173	0	395	577	39	8	0	7	281
Livonia	3,743	2	793	2,948	903	0	379	2,461	98	26	38	4	1,070
Melvindale	197	0	40	157	16	0	0	181	11	1	0	0	58
Northville	109	1	7	101	0	0	0	109	0	0	0	1	9
Northville Twp.	571	0	119	452	12	0	0	559	10	3	28	0	167
Plymouth	319	0	50	269	0	0	84	235	13	0	0	0	63
Plymouth Twp.	1,206	5	208	993	239	0	408	559	34	6	29	6	276
Redford Twp.	1,289	1	203	1,085	262	319	176	532	41	5	3	1	273
River Rouge	50	1	18	31	0	0	0	50	4	1	0	1	23
Riverview	112	0	22	90	0	0	37	75	5	3	2	0	28
Rockwood	54	0	15	39	21	0	0	33	2	2	1	0	22
Romulus	1,237	5	284	948	417	0	0	820	34	8	23	5	414
Southgate	887	0	155	732	89	0	96	702	25	9	3	0	206
Sumpter Twp.	98	2	14	82	0	0	0	98	15	0	18	2	24
Taylor	2,344	9	559	1,776	409	556	0	1,379	60	19	18	10	803
Trenton	357	0	73	284	0	0	132	225	12	7	5	0	96
Van Buren Twp.	730	2	176	552	199	36	0	495	45	15	29	2	227
Wayne	390	1	98	291	0	183	0	207	21	5	3	2	129
Westland	1,838	8	407	1,423	0	43	266	1,529	65	22	13	8	579
Wood Haven	427	1	85	341	75	0	0	352	11	3	6	1	126
Wyandotte	506	1	85	420	0	0	99	407	23	6	0	1	101
Total	53,164	183	11,903	41,078	8,794	3,426	9,522	31,418	1,388	425	372	200	16,692

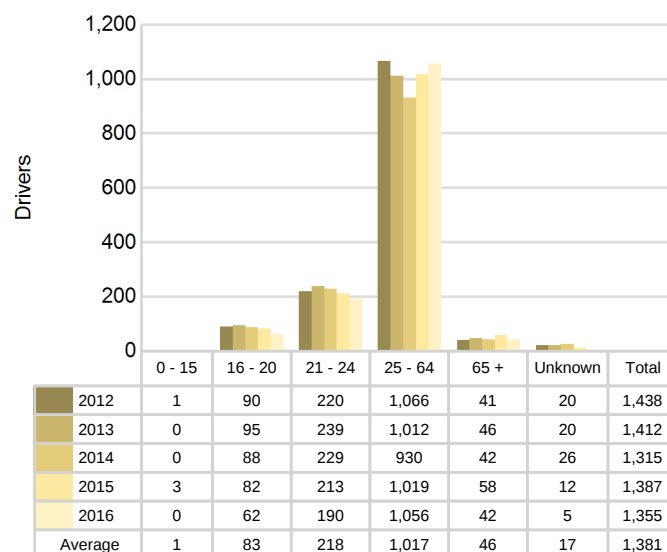
5-Year Trend - Drivers in Crashes Coded Drinking by Driver Age

Driver Age	2012		2013		2014		2015		2016	
	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	263	1	103	0	113	0	142	3	135	0
16 - 20	8,129	90	7,800	95	7,806	88	8,354	82	8,815	62
21 - 24	7,612	220	8,005	239	8,814	229	9,398	213	9,538	190
25 - 64	47,566	1,066	47,738	1,012	53,311	930	54,990	1,019	58,976	1,056
65 +	6,255	41	6,482	46	6,956	42	7,440	58	8,154	42
Unknown	14,992	20	15,852	20	16,120	26	17,091	12	18,068	5
Total	84,817	1,438	85,980	1,412	93,120	1,315	97,415	1,387	103,686	1,355

**5-Year Trend
Total Drivers in Crashes by Age**



**5-Year Trend
Total Drivers Coded Drinking by Age**



2016 - 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	2	0	0	0	0	0	0	0
16 - 20	121	74	54	62	1	10	16	15	20
21 - 24	273	193	159	190	6	15	54	48	67
25 - 64	1,633	1,050	862	1,056	22	35	203	367	429
65 +	99	53	35	42	1	1	14	10	16
Unknown	357	7	0	5	0	0	0	0	5
Total	2,484	1,379	1,110	1,355	30	61	287	440	537

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 2,484 drivers in alcohol-involved crashes; 1,355 (54.5%) of those drivers were coded as had-been-drinking by the officer on the crash form.

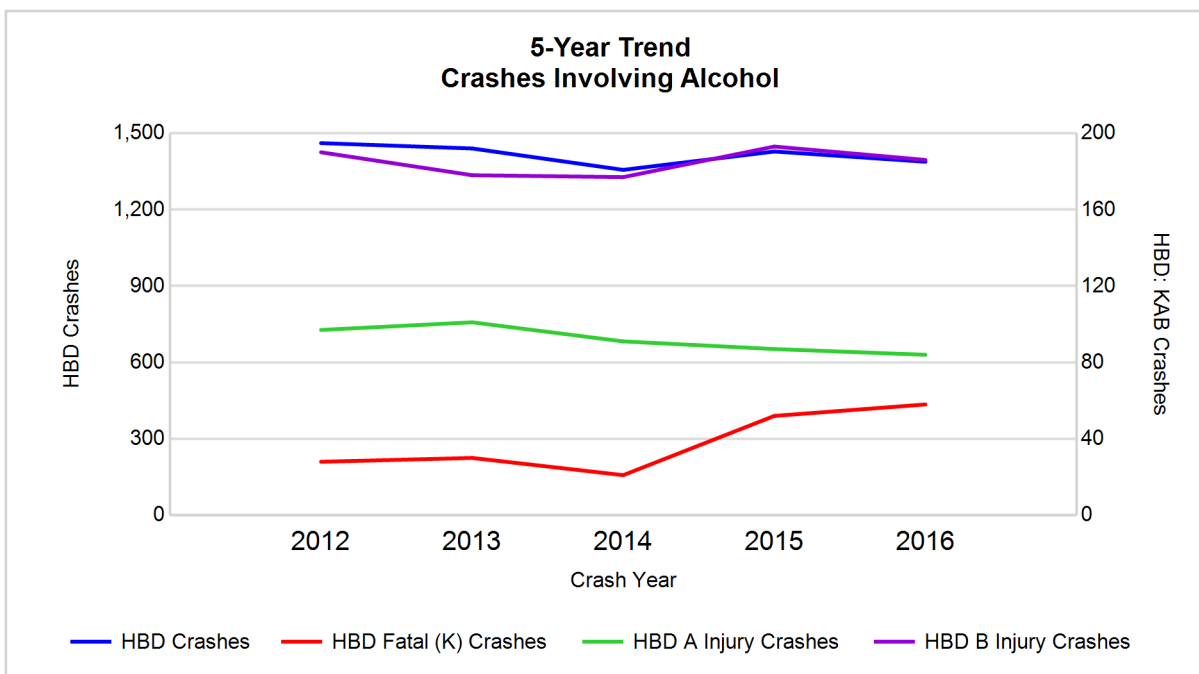
- 727 (53.7%) of the 1,355 drivers had a blood alcohol concentration (BAC) of 0.08 g/dL (grams per deciliter) or greater, and 440 (60.5%) of the 727 drivers had a BAC at or above 0.17 g/dL.
- 1,110 (81.9%) of the 1,355 drivers were coded as had-been-drinking and were tested for alcohol consumption.

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
2012	44,133	1,461	3.3	146	28	19.2	719	97	13.5	2,217	190	8.6
2013	44,853	1,440	3.2	151	30	19.9	724	101	14.0	2,260	178	7.9
2014	48,431	1,356	2.8	155	21	13.5	696	91	13.1	2,207	177	8.0
2015	50,458	1,428	2.8	174	52	29.9	664	87	13.1	2,459	193	7.8
2016	53,164**	1,388	2.6*	183**	58**	31.7**	730**	84*	11.5*	2,772**	186	6.7*

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



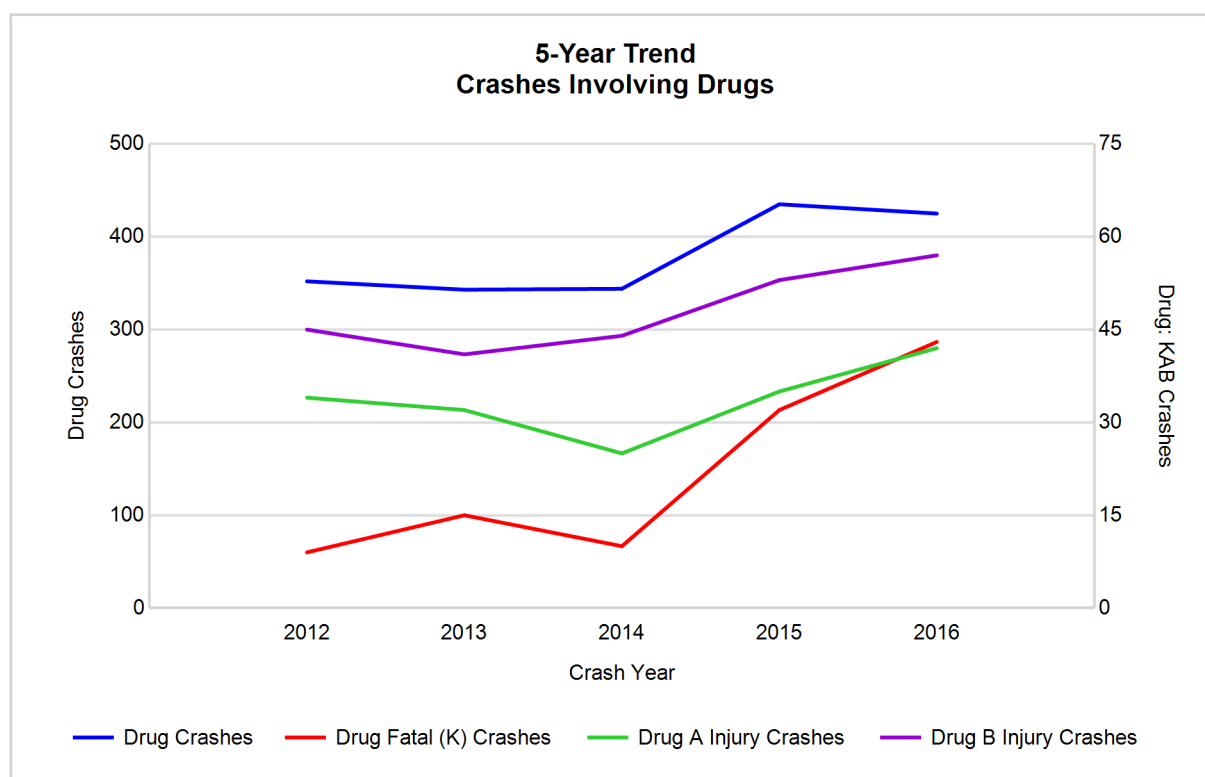
Note: Had-Been-Drinking (HBD)

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
2012	44,133	352	0.8	146	9	6.2	719	34	4.7	2,217	45	2.0
2013	44,853	343	0.8	151	15	9.9	724	32	4.4	2,260	41	1.8
2014	48,431	344	0.7	155	10	6.5	696	25	3.6	2,207	44	2.0
2015	50,458	435	0.9	174	32	18.4	664	35	5.3	2,459	53	2.2
2016	53,164**	425	0.8	183**	43**	23.5**	730**	42**	5.8**	2,772**	57**	2.1

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

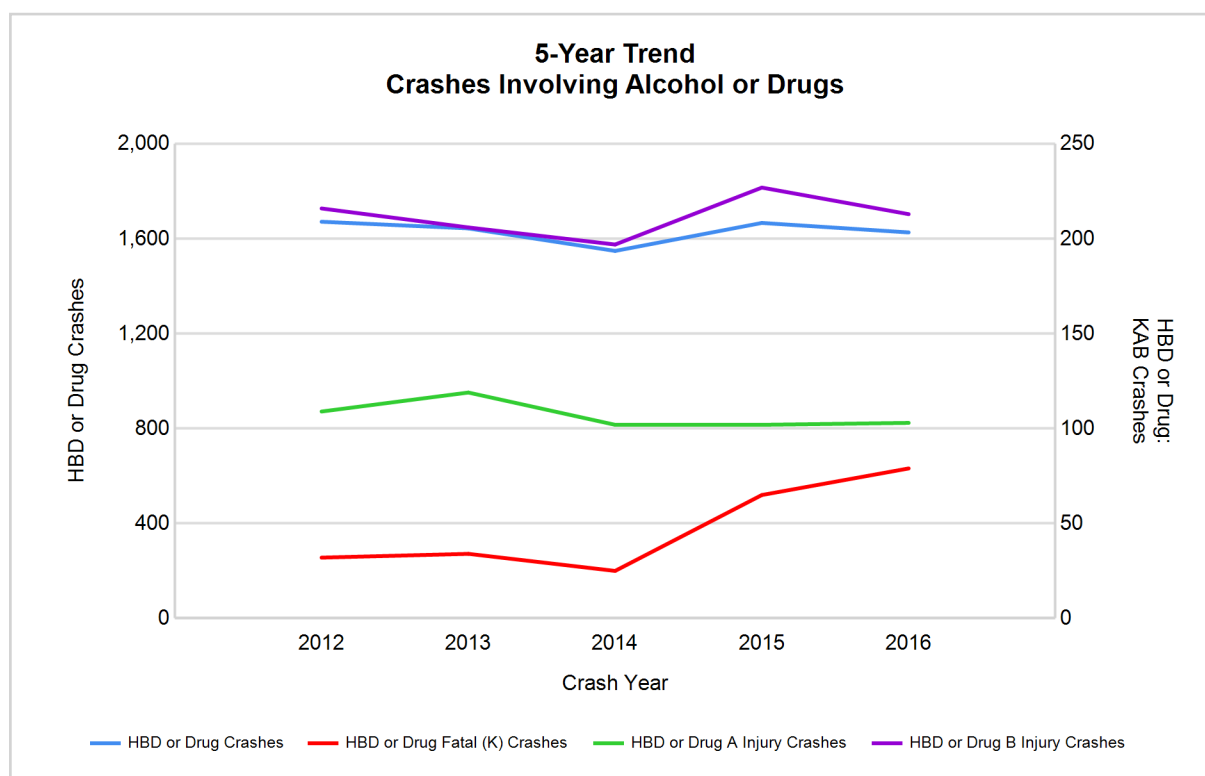


5-Year Trend - Crashes Involving Alcohol or Drugs

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	44,133	1,672	3.8	146	32	21.9	719	109	15.2	2,217	216	9.7
2013	44,853	1,644	3.7	151	34	22.5	724	119	16.4	2,260	206	9.1
2014	48,431	1,549	3.2	155	25	16.1	696	102	14.7	2,207	197	8.9
2015	50,458	1,667	3.3	174	65	37.4	664	102	15.4	2,459	227	9.2
2016	53,164**	1,627	3.1*	183**	79**	43.2**	730**	103	14.1*	2,772**	213	7.7*

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)

2016 - 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	90,388	70,535	78.0	109	32	29.4	665	428	64.4	2,743	2,338	85.2	10,702	9,483	88.6	64,057	58,186	90.8
Motor home	1,990	1,599	80.4	2	1	50.0	17	9	52.9	66	52	78.8	228	209	91.7	1,451	1,325	91.3
Pickup truck	6,965	5,460	78.4	6	1	16.7	28	22	78.6	147	121	82.3	477	434	91.0	5,312	4,875	91.8
Small truck under 10,000 lbs. GVWR	967	717	74.1	0	0	0.0	5	2	40.0	15	9	60.0	80	60	75.0	721	644	89.3
Motorcycle	568	329	57.9	21	10	47.6	75	46	61.3	171	106	62.0	131	86	65.6	134	80	59.7
Moped / goped	52	10	19.2	3	0	0.0	4	1	25.0	24	4	16.7	14	3	21.4	3	2	66.7
Go-cart / golf cart	12	5	41.7	0	0	0.0	0	0	0.0	1	0	0.0	1	1	100.0	6	4	66.7
Snowmobile	3	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	1	0	0.0	2	0	0.0
Off-Road Vehicle - ORV / All-Terrain Vehicle - ATV	19	1	5.3	1	0	0.0	1	0	0.0	4	1	25.0	4	0	0.0	2	0	0.0
Other	604	328	54.3	1	0	0.0	4	0	0.0	6	2	33.3	32	19	59.4	392	307	78.3
Truck/bus over 10,000 lbs.	2,799	2,372	84.7	0	0	0.0	19	5	26.3	26	19	73.1	165	73	44.2	2,445	2,274	93.0
Unknown	3,905	70	1.8	1	0	0.0	0	0	0.0	2	2	100.0	11	7	63.6	142	56	39.4
Total	108,272	81,426	75.2	144	44	0.0	818	513	62.7	3,205	2,654	82.8	11,846	10,375	87.6	74,667	67,753	90.7

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.

2016 - 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	1,216	987	81.2	7	3	42.9	36	25	69.4	164	131	79.9	891	744	83.5	114	84	73.7
16 - 20	9,520	8,630	90.7	17	3	17.6	90	39	43.3	414	337	81.4	1,294	1,113	86.0	7,658	7,134	93.2
21 - 24	10,043	8,956	89.2	18	6	33.3	102	61	59.8	425	338	79.5	1,320	1,132	85.8	8,090	7,413	91.6
25 - 64	60,978	54,766	89.8	81	20	24.7	526	337	64.1	1,931	1,600	82.9	7,259	6,424	88.5	50,578	46,365	91.7
65 +	8,438	7,729	91.6	21	12	57.1	63	51	81.0	265	246	92.8	1,048	955	91.1	6,966	6,461	92.8
Unknown	18,077	358	2.0	0	0	0.0	1	0	0.0	6	2	33.3	34	7	20.6	1,261	296	23.5
Total	108,272	81,426	75.2	144	44	0.0	818	513	62.7	3,205	2,654	82.8	11,846	10,375	87.6	74,667	67,753	90.7

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	2012			2013			2014			2015			2016		
	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	537	2	89	371	2	62	353	1	50	406	1	61	243	0	33
Shoulder belt only used	202	0	22	176	0	20	210	0	38	293	0	31	591	1	75
Lap belt only used	203	2	37	240	0	18	253	1	29	290	0	30	196	0	21
Both lap & shoulder belts used	62,460	22	7,695	63,302	21	7,669	69,740	21	7,957	72,178	28	8,654	76,661	25	9,605
No belts used	926	25	252	835	13	236	751	20	203	782	14	237	737	28	236
Child restraint used	13	0	2	10	0	1	2	0	0	10	0	1	8	0	0
Child restraint not used, unavailable or improper use	11	0	0	7	0	0	6	0	0	8	0	1	2	0	0
Restraint failure	36	0	7	31	0	3	28	0	3	35	0	4	31	0	8
Restraint use unknown	10,846	14	628	10,728	17	642	11,161	15	783	12,034	14	972	18,847	29	919
Helmet worn	341	8	239	297	10	200	272	6	189	306	19	198	326	9	232
Helmet not worn	135	9	102	152	9	100	160	4	125	171	8	121	330	10	166
Helmet use unknown	54	1	17	54	4	13	82	1	30	95	3	31	70	3	24
Uncoded & errors	9,053	0	18	9,777	0	18	10,102	0	34	10,807	0	15	5,644	0	16
Total	84,817	83	9,108	85,980	76	8,982	93,120	69	9,441	97,415	87	10,356	103,686	105	11,335

5-Year Trend - Restraint Use Among Drivers Coded Drinking

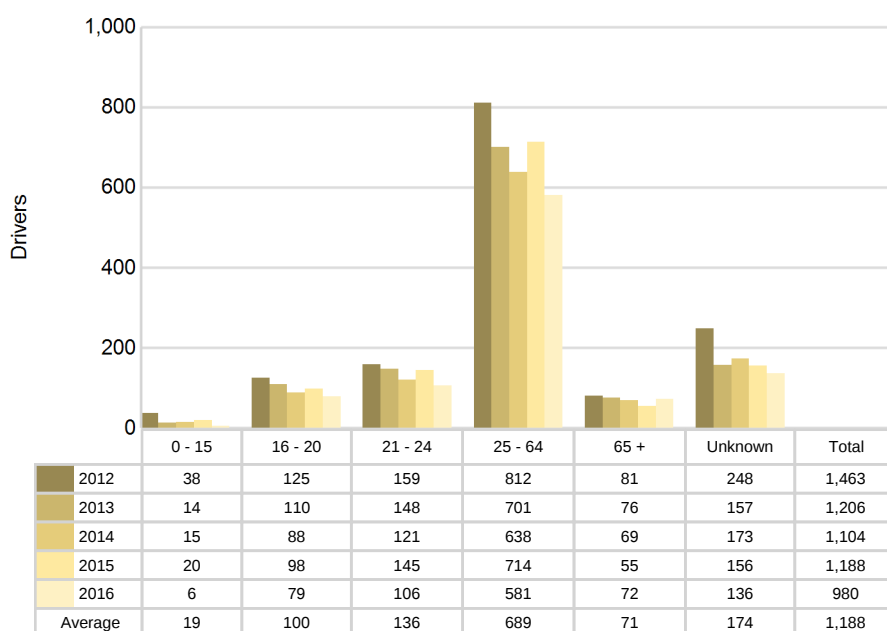
Restraint Use	2012			2013			2014			2015			2016		
	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers
No belts available	13	0	3	5	0	2	7	0	1	5	0	2	8	0	3
Shoulder belt only used	7	0	3	6	0	1	6	0	1	6	0	1	11	0	2
Lap belt only used	5	0	3	3	0	1	6	0	2	5	0	2	1	0	0
Both lap & shoulder belts used	950	1	215	1,024	4	233	930	3	189	990	3	229	968	1	239
No belts used	126	6	59	94	2	50	83	1	52	84	6	46	82	13	40
Child restraint used	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Child restraint not used, unavailable or improper use	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Restraint failure	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Restraint use unknown	299	3	82	249	1	72	245	0	66	271	4	74	260	8	69
Helmet worn	15	2	10	7	2	3	7	1	6	9	0	8	4	0	4
Helmet not worn	10	1	9	11	1	6	22	0	22	15	5	8	19	2	14
Helmet use unknown	0	0	0	1	0	0	2	0	1	0	0	0	0	0	0
Uncoded & errors	12	0	0	12	0	1	7	0	1	2	0	0	2	0	0
Total	1,438	13	385	1,412	10	369	1,315	5	341	1,387	18	370	1,355	24	371

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

Age Group	2012			2013			2014			2015			2016		
	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	38	1	6	14	0	0	15	0	3	20	0	5	6	0	0
16 - 20	125	4	46	110	1	42	88	4	23	98	0	45	79	1	34
21 - 24	159	3	61	148	0	58	121	4	41	145	2	44	106	2	35
25 - 64	812	14	199	701	12	173	638	11	165	714	11	189	581	22	185
65 +	81	5	19	76	2	19	69	2	11	55	2	11	72	3	13
Unknown	248	0	10	157	0	6	173	0	10	156	0	4	136	0	2
Total	1,463	27	341	1,206	15	298	1,104	21	253	1,188	15	298	980	28	269

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

5-Year Trend Driver Seatbelt Not Used

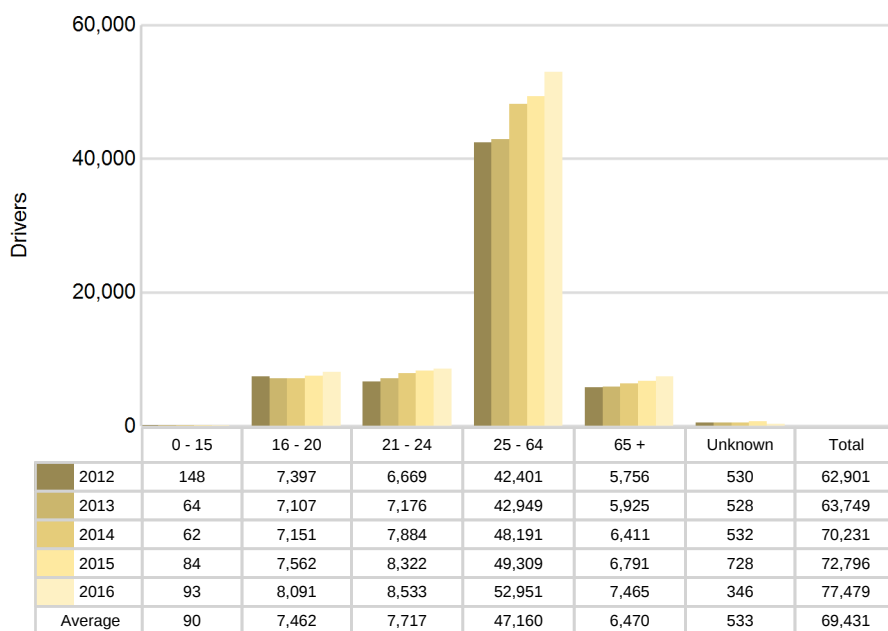


5-Year Trend - Seatbelt Used Among Drivers by Age

Age Group	2012			2013			2014			2015			2016		
	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	148	0	7	64	0	1	62	0	5	84	0	7	93	1	9
16 - 20	7,397	0	832	7,107	3	802	7,151	1	807	7,562	3	840	8,091	2	956
21 - 24	6,669	3	886	7,176	1	1,006	7,884	2	972	8,322	4	1,013	8,533	2	1,121
25 - 64	42,401	12	5,283	42,949	10	5,159	48,191	15	5,462	49,309	15	5,981	52,951	14	6,622
65 +	5,756	9	746	5,925	7	728	6,411	4	769	6,791	6	871	7,465	7	995
Unknown	530	0	7	528	0	14	532	0	12	728	0	7	346	0	6
Total	62,901	24	7,761	63,749	21	7,710	70,231	22	8,027	72,796	28	8,719	77,479	26	9,709

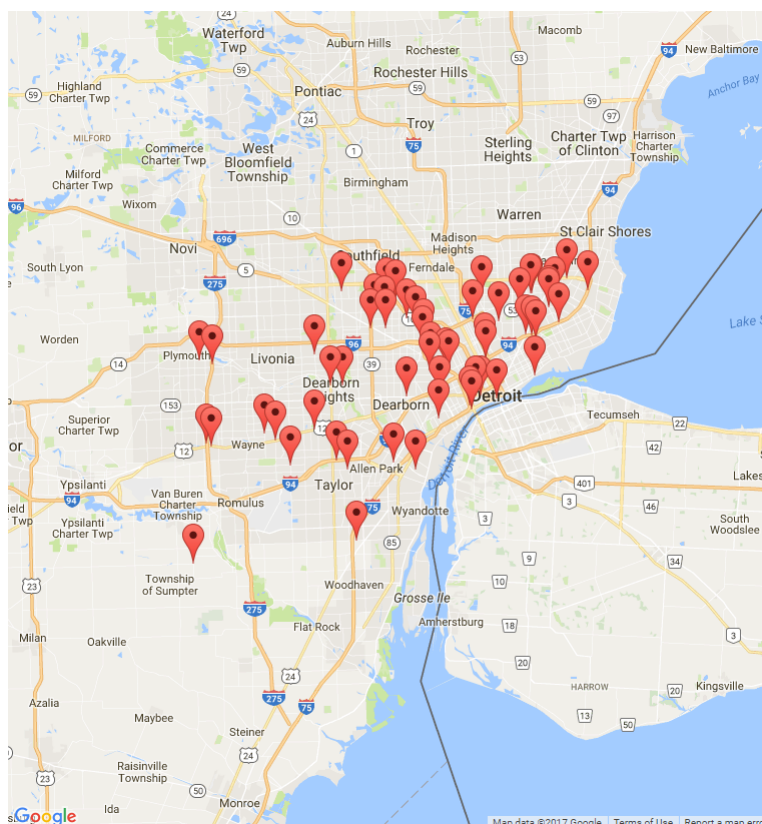
Note: Seatbelt Used includes shoulder belt only used, lap belt only used, both lap and shoulder belts used, and restraint failure.

5-Year Trend Driver Seatbelt Used



5-Year Trend - Drivers in Crashes by Hazardous Action

Hazardous Action	2012		2013		2014		2015		2016	
	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	40,876	93	41,712	98	44,609	84	47,113	102	47,920	124
Speed too fast	3,354	33	3,877	25	4,960	27	4,258	31	4,062	42
Speed too slow	69	0	67	0	54	1	67	2	57	1
Failed to yield	6,703	13	6,733	10	7,214	5	7,471	13	7,785	12
Disregard traffic control	2,313	8	2,451	9	2,421	7	2,688	14	2,841	10
Drove wrong way	132	1	131	0	154	2	178	0	144	1
Drove left of center	445	5	437	3	436	5	395	3	399	10
Improper passing	522	1	516	0	603	0	690	1	695	3
Improper lane use	2,736	1	2,532	3	2,763	2	3,243	4	3,544	3
Improper turn	1,010	1	1,005	1	1,067	0	1,245	4	1,216	1
Improper/no signal	144	0	100	0	128	0	143	0	98	0
Improper backing	1,472	1	1,492	0	1,564	1	1,568	1	1,468	0
Unable to stop in assured clear distance	11,724	14	11,422	9	13,237	8	13,707	13	14,916	5
Other	3,508	11	3,342	12	3,340	19	3,490	16	3,628	18
Unknown	5,341	25	5,444	38	5,860	44	5,935	38	9,496	24
Reckless driving	506	8	590	13	646	15	764	19	803	23
Careless/negligent driving	1,943	15	2,036	10	2,040	11	2,385	18	2,433	18
Uncoded & errors	2,019	2	2,093	4	2,024	1	2,075	1	2,181	2
Total	84,817	232	85,980	235	93,120	232	97,415	280	103,686	297



The picture above represents all 2016 alcohol-involved fatal crashes in Wayne County.

In 2016, there were 1,388 alcohol-involved crashes in Wayne County:

58 K - Fatal Crashes

84 A - Suspected Serious Injury Crashes

186 B - Suspected Minor Injury Crashes

275 C - Possible Injury Crashes

785 O - Property Damage Only/No Injury Crashes

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