



2018

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

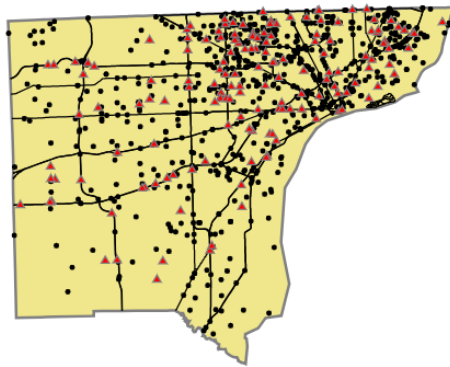
2018 Traffic Crash Data & 2014-2018 5-Year Trends



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 (153/153)
- A - Suspected Serious (781/781)

Wayne County

In 2018:

There were 105,680 drivers involved in 54,072 motor vehicle crashes in Wayne County. Of those crashes, 153 were classified as fatal, resulting in 164 fatalities. An additional 16,578 persons were injured.

Wayne County experienced the highest number of motor vehicle crashes (5,059) in October, the highest number of fatal crashes (21) and the highest number of persons killed (23) in June.

Michigan driver statistics indicate 6.1 percent of licensed drivers in Wayne County were age 16-20, and 7.8 percent of drivers in crashes were also in that age group.

2018 - Crashes and Injuries by Month

Month	Crashes				Persons	
	Total	Fatal	Injury	Property Damage Only (PDO)	Fatalities	Injuries
January	5,041	3	903	4,135	4	1,220
February	4,654	9	815	3,830	9	1,094
March	4,111	4	838	3,269	6	1,194
April	3,988	11	863	3,114	12	1,160
May	4,911	15	1,170	3,726	18	1,670
June	4,635	21	1,120	3,494	23	1,593
July	4,175	16	993	3,166	17	1,465
August	4,283	20	1,066	3,197	21	1,469
September	4,460	20	1,059	3,381	20	1,488
October	5,059	9	1,090	3,960	9	1,554
November	4,411	12	955	3,444	12	1,371
December	4,344	13	924	3,407	13	1,300
Total	54,072	153	11,796	42,123	164	16,578

2018 - Driver Statistics

Age Group	Wayne County			Driver Rates	
	2018 Population	Licensed Drivers	Drivers in Crashes	Per 10k Population	Per 10k Licensed
0 - 15	366,641	5,478	138	3.8	251.9
16 - 20	107,826	68,213	8,272	767.2	1,212.7
21 - 24	91,900	73,573	8,743	951.4	1,188.3
25 - 64	916,972	751,202	61,431	669.9	817.8
65 +	270,554	211,226	8,371	309.4	396.3
Unknown	0	0	18,725	- -	- -
Total	1,753,893	1,109,692	105,680	602.5	952.3

2018 - 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	88,601	83.8	185	75.8	20,060	68,356
Motor home	309	0.3	0	0.0	47	262
Pickup truck	6,608	6.3	16	6.6	1,252	5,340
Small truck under 10,000 lbs. GVWR	586	0.6	1	0.4	78	507
Motorcycle	448	0.4	14	5.7	320	114
Moped / goped	78	0.1	3	1.2	55	20
Go-cart / golf cart	11	0.0	1	0.4	6	4
Snowmobile	1	0.0	0	0.0	0	1
Off-Road Vehicle - ORV / All-Terrain Vehicle - ATV	33	0.0	2	0.8	26	5
Other	549	0.5	0	0.0	76	473
Truck/bus over 10,000 lbs.	3,674	3.5	15	6.1	590	3,069
Unknown	4,782	4.5	7	2.9	686	4,089
Total	105,680	100.0	244	100.0	23,196	82,240

5-Year Trend - Crashes by Month

Month	2014		2015		2016		2017		2018	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
January	6,142	13	4,955	12	4,161	11	4,161	15	5,041	3
February	4,110	12	4,624	6	4,169	15	3,793	12	4,654	9
March	4,157	8	3,986	9	4,482	7	5,085	11	4,111	4
April	3,244	14	3,590	16	4,211	18	4,081	13	3,988	11
May	3,862	11	4,226	8	4,560	14	4,911	16	4,911	15
June	3,874	11	4,214	22	4,330	21	4,784	17	4,635	21
July	3,298	15	3,899	18	4,415	10	4,162	8	4,175	16
August	3,799	16	3,960	27	4,272	23	4,317	11	4,283	20
September	3,863	17	4,269	11	4,523	17	4,499	11	4,460	20
October	4,148	17	4,222	10	4,502	15	4,894	8	5,059	9
November	4,478	10	4,383	24	4,437	20	4,595	8	4,411	12
December	3,456	11	4,130	11	5,102	12	5,638	15	4,344	13
Total	48,431	155	50,458	174	53,164	183	54,920	145	54,072	153

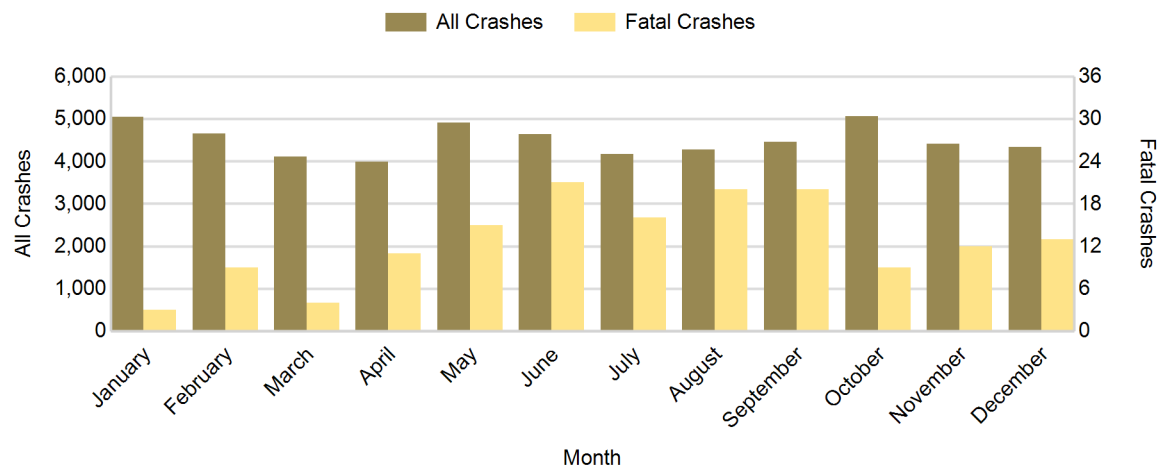
Note: † Indicates that the highest number of total crashes reported in the 5-year period occurred in the same month

5-Year Trend - Crashes by Day of Week

Day	2014		2015		2016		2017		2018	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Monday	6,787	32	7,237	20	7,425	14	8,258	20	8,343	24
Tuesday	7,318	18	7,497	22	7,797	23	8,248	23	8,166	22
Wednesday	8,023	10	7,744	20	8,094	17	8,502	11	8,028	14
Thursday	7,469	13	7,531	21	8,403	25	8,444	18	8,084	21
Friday	7,715	25	8,024	25	8,645	27	8,922	23	8,691	22
Saturday	6,148	30	6,858	39	7,037	39	6,804	30	7,017	27
Sunday	4,971	27	5,567	27	5,763	38	5,742	20	5,743	23
Total	48,431	155	50,458	174	53,164	183	54,920	145	54,072	153

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

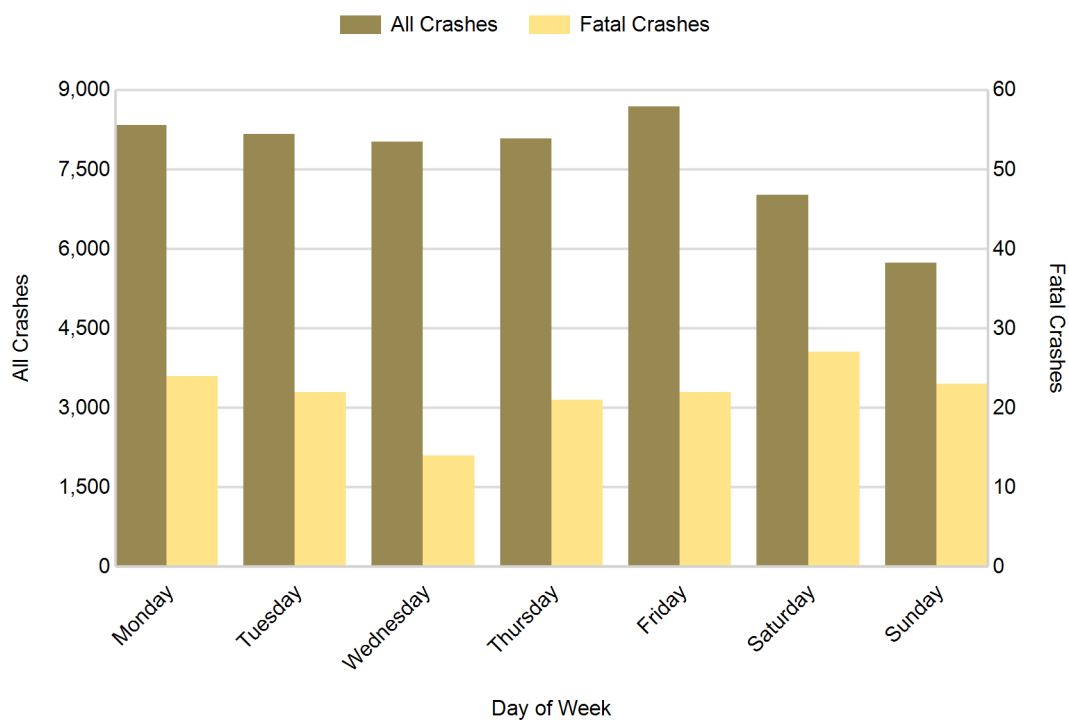
2018 Crashes by Month



2018 - 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	8,343	15.4	24	15.7	110	433	1,267	6,509
Tuesday	8,166	15.1	22	14.4	101	452	1,183	6,408
Wednesday	8,028	14.8	14	9.2	100	441	1,133	6,340
Thursday	8,084	15.0	21	13.7	101	405	1,196	6,361
Friday	8,691	16.1	22	14.4	106	452	1,295	6,816
Saturday	7,017	13.0	27	17.6	122	405	1,072	5,391
Sunday	5,743	10.6	23	15.0	141	381	900	4,298
Total	54,072	100.0	153	100.0	781	2,969	8,046	42,123

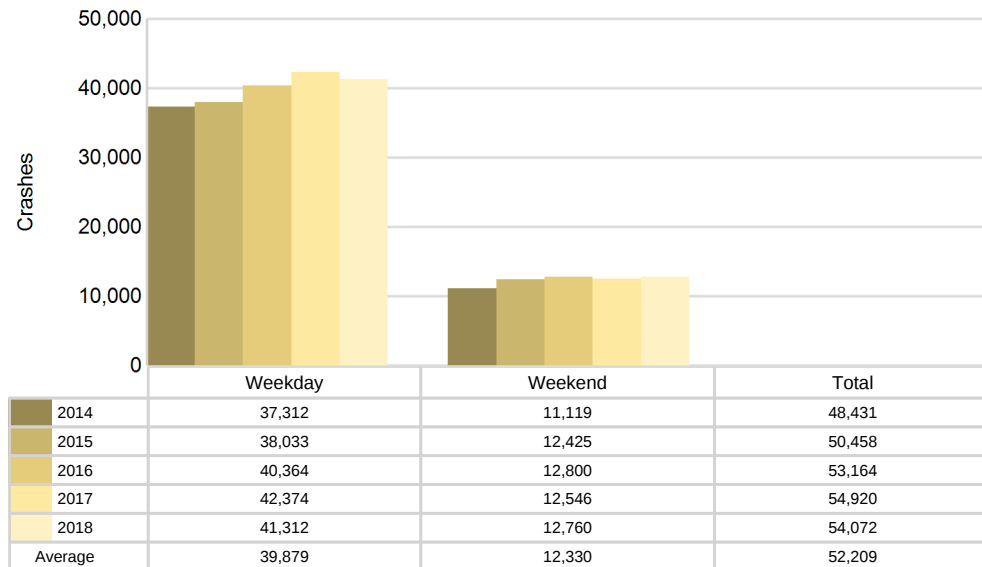
2018 Day of Week and Severity



5-Year Trend - Crashes by Weekday and Weekend

Portion of Week	2014		2015		2016		2017		2018	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Weekday	37,312	98	38,033	108	40,364	106	42,374	95	41,312	103
Weekend	11,119	57	12,425	66	12,800	77	12,546	50	12,760	50
Total	48,431	155	50,458	174	53,164	183	54,920	145	54,072	153

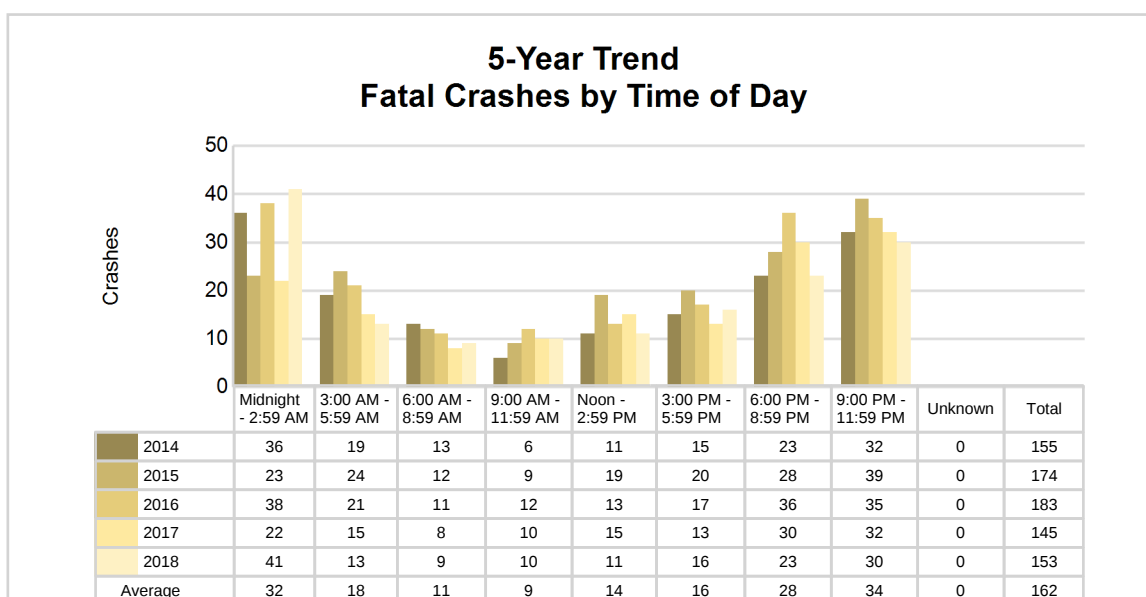
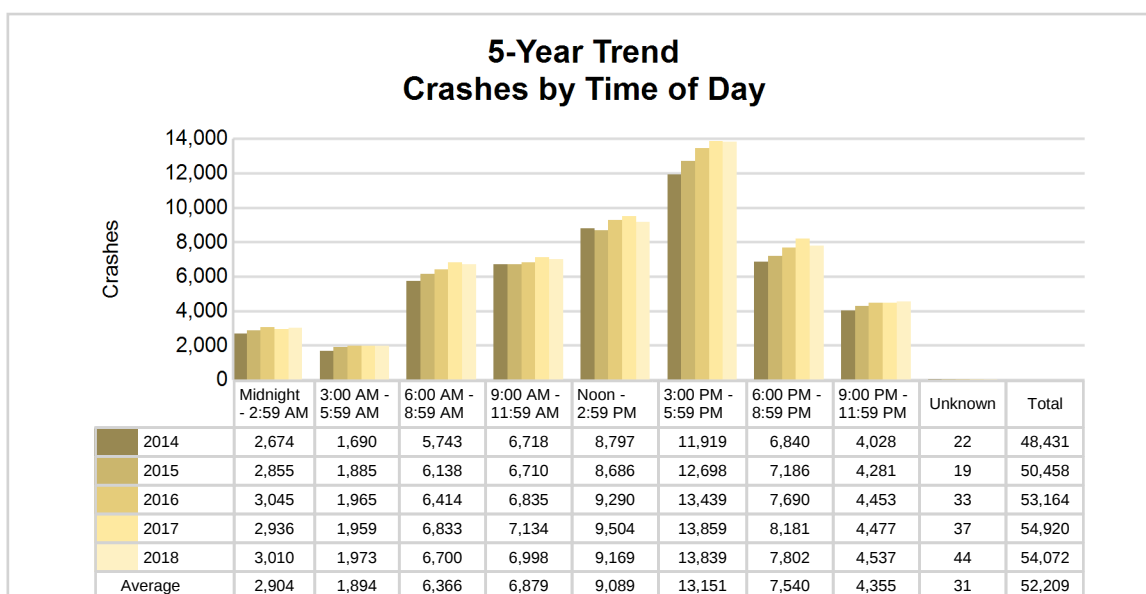
5-Year Crash Trends by Weekday (Monday - Friday) and Weekend (Saturday & Sunday)



5-Year Trend - Crashes by Time of Day

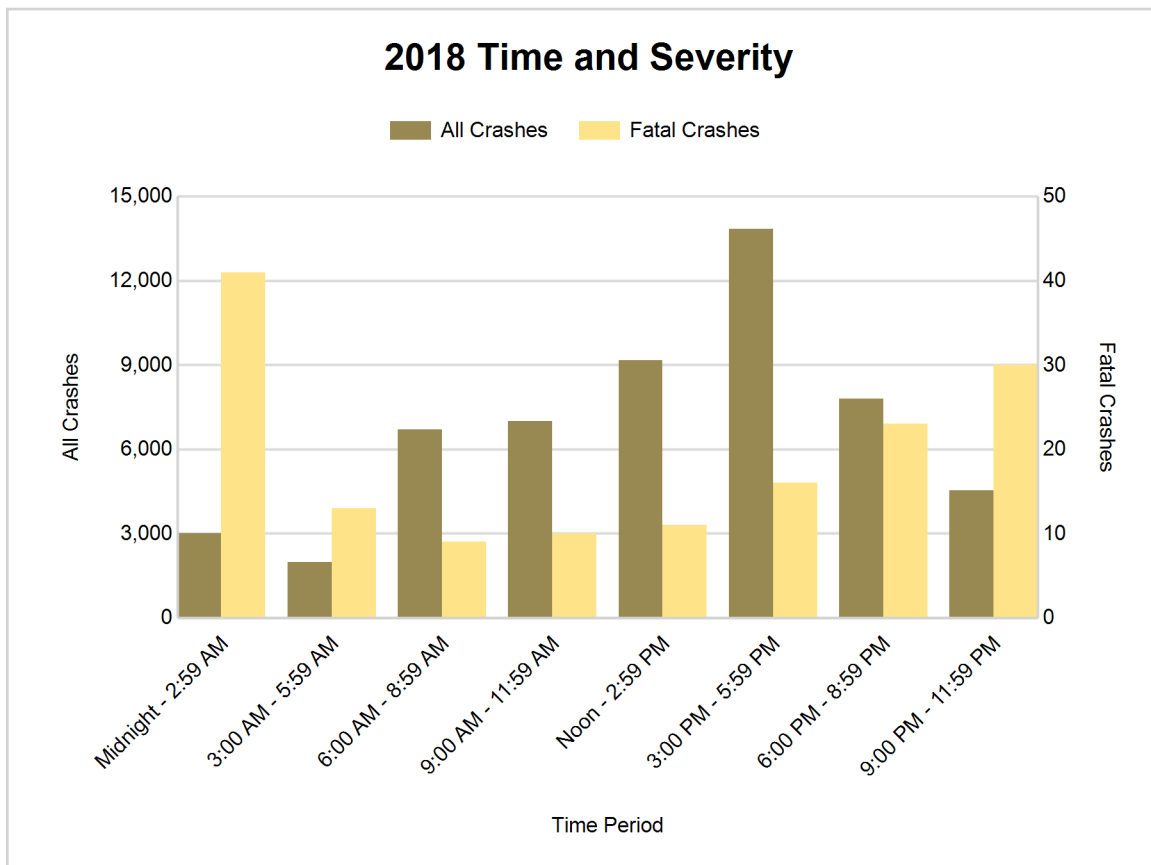
Time of Day	2014		2015		2016		2017		2018	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Midnight - 2:59 AM	2,674	36	2,855	23	3,045	38	2,936	22	3,010	41
3:00 AM - 5:59 AM	1,690	19	1,885	24	1,965	21	1,959	15	1,973	13
6:00 AM - 8:59 AM	5,743	13	6,138	12	6,414	11	6,833	8	6,700	9
9:00 AM - 11:59 AM	6,718	6	6,710	9	6,835	12	7,134	10	6,998	10
Noon - 2:59 PM	8,797	11	8,686	19	9,290	13	9,504	15	9,169	11
3:00 PM - 5:59 PM	11,919 †	15	12,698 †	20	13,439 †	17	13,859 †	13	13,839 †	16
6:00 PM - 8:59 PM	6,840	23	7,186	28	7,690	36	8,181	30	7,802	23
9:00 PM - 11:59 PM	4,028	32	4,281	39	4,453	35	4,477	32	4,537	30
Unknown	22	0	19	0	33	0	37	0	44	0
Total	48,431	155	50,458	174	53,164	183	54,920	145	54,072	153

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



2018 - Time and Severity

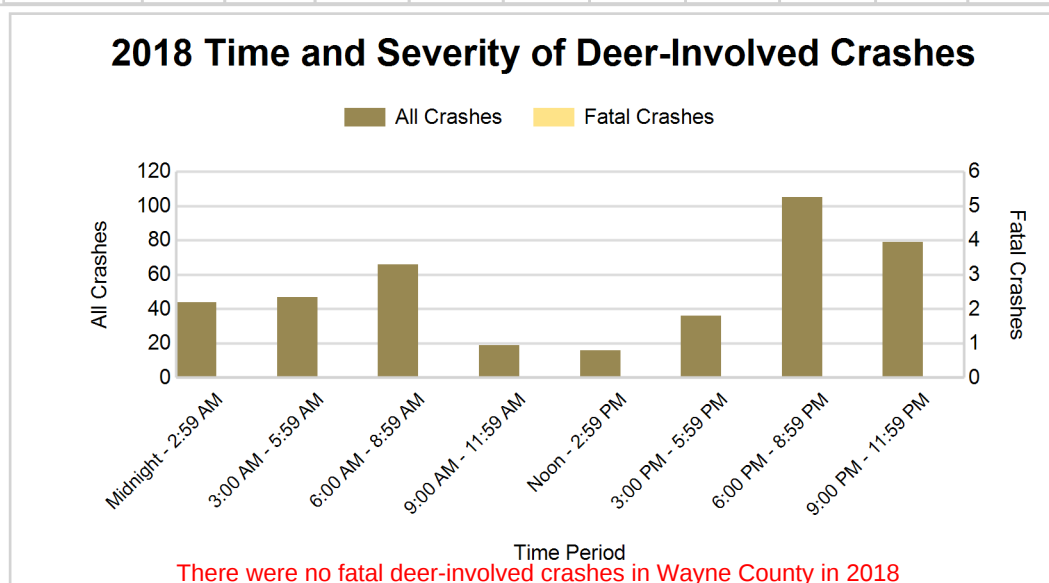
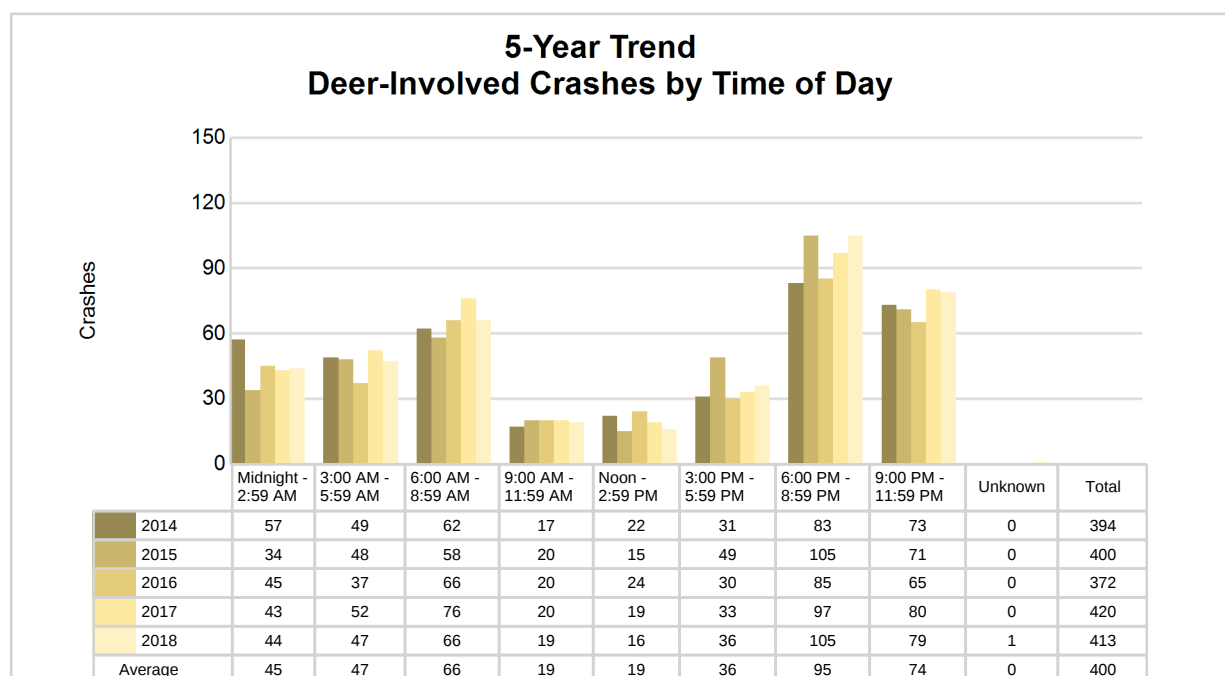
Time of Day	All Crashes		Fatal Crashes		Injury Crashes			PDO Crashes
	Number	% of Total	Number	% of Fatal	A	B	C	Number
Midnight - 2:59 AM	3,010	5.6	41	26.8	90	236	503	2,140
3:00 AM - 5:59 AM	1,973	3.6	13	8.5	54	148	275	1,483
6:00 AM - 8:59 AM	6,700	12.4	9	5.9	55	285	893	5,458
9:00 AM - 11:59 AM	6,998	12.9	10	6.5	65	306	989	5,628
Noon - 2:59 PM	9,169	17.0	11	7.2	109	480	1,389	7,180
3:00 PM - 5:59 PM	13,839	25.6	16	10.5	135	695	2,040	10,953
6:00 PM - 8:59 PM	7,802	14.4	23	15.0	131	490	1,215	5,943
9:00 PM - 11:59 PM	4,537	8.4	30	19.6	142	328	739	3,298
Unknown	44	0.1	0	0.0	0	1	3	40
Total	54,072	100.0	153	100.0	781	2,969	8,046	42,123



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

Time of Day	2014		2015		2016		2017		2018	
	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	34	0	45	0	43	0	44	0
3:00 AM - 5:59 AM	49	0	48	0	37	0	52	0	47	0
6:00 AM - 8:59 AM	62	0	58	0	66	0	76	0	66	0
9:00 AM - 11:59 AM	17	0	20	0	20	0	20	0	19	0
Noon - 2:59 PM	22	0	15	0	24	0	19	0	16	0
3:00 PM - 5:59 PM	31	0	49	0	30	0	33	0	36	0
6:00 PM - 8:59 PM	83 †	0	105 †	0	85 †	0	97 †	0	105 †	0
9:00 PM - 11:59 PM	73	0	71	0	65	0	80	0	79	0
Unknown	0	0	0	0	0	0	0	0	1	0
Total	394	0	400	0	372	0	420	0	413	0

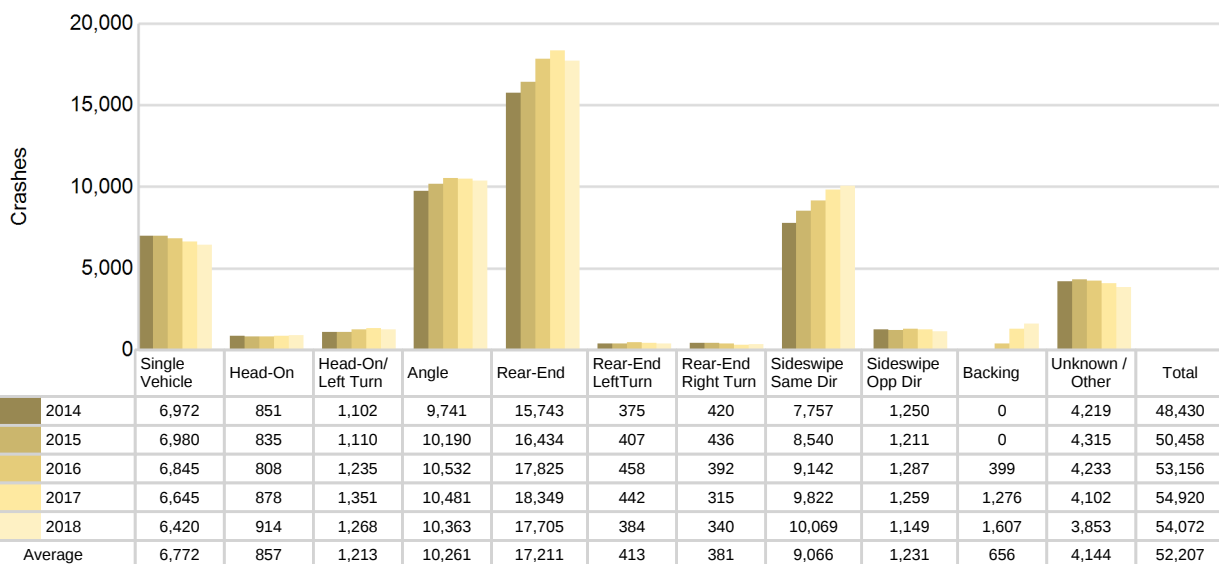
Note: † Indicates that the highest number of total crashes reported in the 5-year period occurred in the same time period



5-Year Trend - Crashes by Crash Type

Crash Type	2014		2015		2016		2017		2018	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Single motor vehicle	6,972	99	6,980	85	6,845	99	6,645	65	6,420	82
Head-on	851	9	835	6	808	13	878	15	914	7
Head-on / left turn	1,102	4	1,110	8	1,235	7	1,351	4	1,268	3
Angle	9,741	16	10,190	27	10,532	28	10,481	28	10,363	24
Rear-end	15,743	14	16,434	15	17,825	20	18,349	13	17,705	11
Rear-end left turn	375	0	407	0	458	1	442	0	384	0
Rear-end right turn	420	0	436	0	392	0	315	0	340	0
Sideswipe same direction	7,757	2	8,540	9	9,142	5	9,822	7	10,069	6
Sideswipe opposite direction	1,250	0	1,211	2	1,287	5	1,259	2	1,149	1
Backing	0	0	0	0	399	0	1,276	0	1,607	0
Other / Unknown	4,219	11	4,315	22	4,233	5	4,102	11	3,853	19
Uncoded and Errors	1	0	0	0	8	0	0	0	0	0
Total	48,431	155	50,458	174	53,164	183	54,920	145	54,072	153

**5-Year Trend
Crashes by Crash Type**



Wayne County (continued)

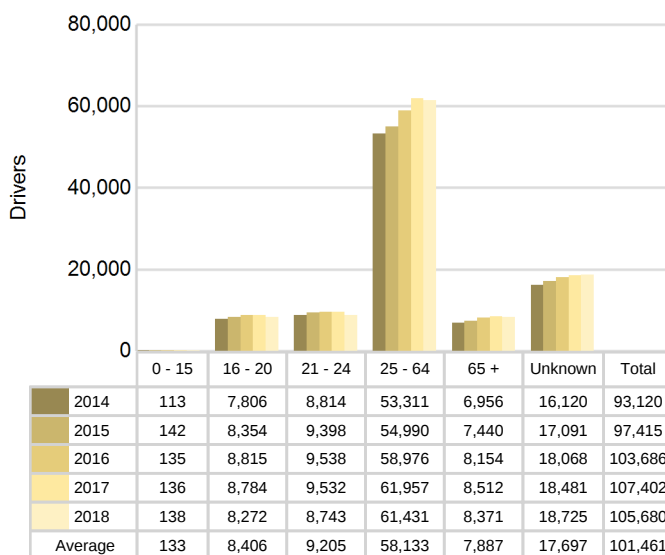
2018 - Reported Motor Vehicle Crashes by Municipality

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	890	0	150	740	238	0	250	402	21	5	1	0	191
Belleville	74	0	14	60	0	0	0	74	5	2	0	0	20
Brownstown Twp.	680	2	142	536	134	182	31	332	21	4	29	3	208
Canton Twp.	2,113	1	439	1,673	258	321	584	947	46	10	34	1	594
Dearborn	3,748	7	746	2,995	232	894	900	1,721	94	26	7	7	1,021
Dearborn Heights	1,207	1	248	958	0	266	244	697	34	7	4	1	330
Detroit	24,979	101	6,098	18,780	5,078	409	5,478	14,011	525	138	8	107	8,799
Ecorse	140	0	29	111	0	0	0	140	12	3	0	0	37
Flat Rock	159	0	30	129	5	64	0	90	7	5	9	0	37
Garden City	441	0	93	348	0	0	173	268	15	2	1	0	131
Gibraltar	74	0	15	59	0	0	9	65	8	1	13	0	17
Grosse Ile Twp.	78	0	8	70	0	0	0	78	3	1	30	0	11
Grosse Pointe	114	0	13	101	0	0	0	114	4	2	0	0	16
Grosse Pointe Twp.	0	0	0	0	0	0	0	0	0	0	0	0	0
Grosse Pte. Farms	184	0	24	160	0	0	0	184	4	2	0	0	27
Grosse Pte. Park	73	0	18	55	0	0	0	73	5	2	0	0	23
Grosse Pte. Shores	34	0	11	23	0	0	0	34	2	2	0	0	14
Grosse Pte. Woods	211	1	36	174	0	0	0	211	7	0	0	1	48
Hamtramck	503	1	94	408	115	0	0	387	21	7	0	1	117
Harper Woods	317	0	75	242	135	0	69	113	6	2	0	0	106
Highland Park	221	0	72	149	4	0	131	86	5	1	0	0	105
Huron Twp.	292	4	66	222	81	0	0	211	19	10	30	4	88
Inkster	400	1	104	295	0	124	0	276	20	3	0	1	141
Lincoln Park	1,184	2	194	988	83	0	467	634	29	12	1	2	260
Livonia	3,515	4	750	2,761	1,028	0	374	2,113	89	30	47	4	979
Melvindale	208	0	36	172	7	0	0	201	2	5	0	0	46
Northville	99	0	12	87	0	0	0	99	4	1	2	0	17
Northville Twp.	508	0	86	422	16	0	0	492	12	4	30	0	115
Plymouth	253	0	31	222	0	0	78	175	6	1	4	0	36
Plymouth Twp.	1,170	4	183	983	242	0	452	476	18	8	31	4	240
Redford Twp.	1,175	2	186	987	222	259	175	519	31	6	5	4	260
River Rouge	55	0	13	42	0	0	0	55	7	4	0	0	18
Riverview	130	0	23	107	0	0	60	70	6	3	2	0	37
Rockwood	52	0	6	46	24	0	0	28	1	0	3	0	14
Romulus	1,335	5	280	1,050	497	0	0	834	34	9	27	5	413
Southgate	803	1	116	686	40	0	137	625	35	16	1	1	150
Sumpter Twp.	92	0	17	75	0	0	0	92	15	1	17	0	23
Taylor	2,554	4	541	2,009	409	602	0	1,542	81	17	19	4	765
Trenton	333	0	50	283	0	0	142	191	16	4	7	0	66
Van Buren Twp.	745	7	133	605	209	31	0	504	42	10	30	9	194
Wayne	416	1	91	324	0	207	0	209	22	0	3	1	124
Westland	1,611	4	373	1,234	0	43	260	1,308	59	22	15	4	530
Wood Haven	418	0	87	331	87	0	0	330	6	2	3	0	128
Wyandotte	484	0	63	421	0	0	69	415	23	6	0	0	82
Total	54,072	153	11,796	42,123	9,144	3,402	10,083	31,426	1,422	396	413	164	16,578

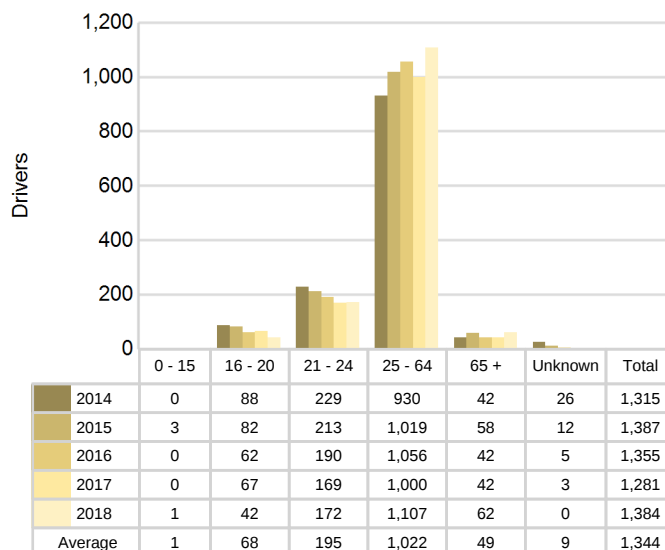
5-Year Trend - Drivers in Crashes Coded Drinking by Driver Age

Driver Age	2014		2015		2016		2017		2018	
	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	113	0	142	3	135	0	136	0	138	1
16 - 20	7,806	88	8,354	82	8,815	62	8,784	67	8,272	42
21 - 24	8,814	229	9,398	213	9,538	190	9,532	169	8,743	172
25 - 64	53,311	930	54,990	1,019	58,976	1,056	61,957	1,000	61,431	1,107
65 +	6,956	42	7,440	58	8,154	42	8,512	42	8,371	62
Unknown	16,120	26	17,091	12	18,068	5	18,481	3	18,725	0
Total	93,120	1,315	97,415	1,387	103,686	1,355	107,402	1,281	105,680	1,384

5-Year Trend
Total Drivers in Crashes by Age



5-Year Trend
Total Drivers Coded Drinking by Age



2018 - 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	0	1	0	0
16 - 20	94	44	33	42	0	0	10	11	21
21 - 24	243	159	148	172	0	5	52	56	59
25 - 64	1,673	1,027	930	1,107	1	52	242	386	426
65 +	113	63	55	62	0	8	14	19	21
Unknown	359	3	0	0	0	0	0	0	0
Total	2,483	1,297	1,167	1,384	1	65	319	472	527

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 2018, there were 2,483 drivers in alcohol-involved crashes; 1,384 (55.7%) of those drivers were coded as had-been-drinking by the officer on the crash form.

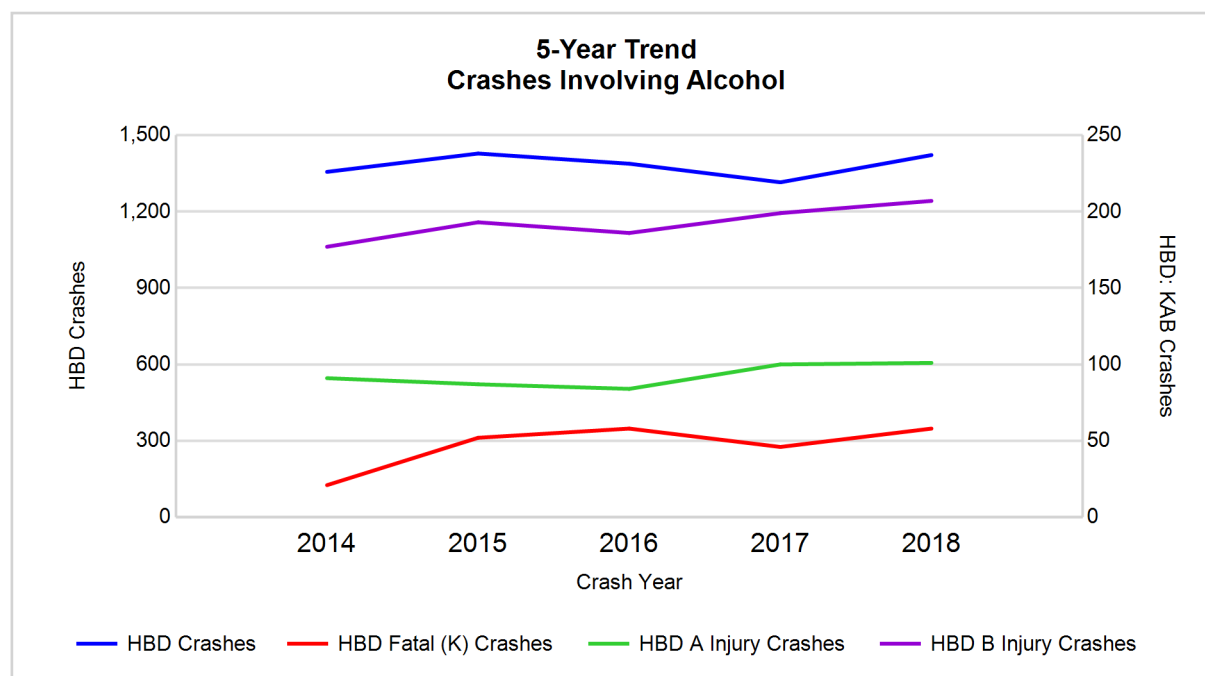
- 791 (57.2%) of the 1,384 drivers had a blood alcohol concentration (BAC) of 0.08 g/dL (grams per deciliter) or greater, and 472 (59.7%) of the 791 drivers had a BAC at or above 0.17 g/dL.
- 1,167 (84.3%) of the 1,384 drivers were coded as had-been-drinking and were tested for alcohol consumption.

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
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
2017	54,920	1,315	2.4	145	46	31.7	852	100	11.7	3,030	199	6.6
2018	54,072	1,422	2.6	153	58	37.9**	781	101**	12.9	2,969	207**	7.0

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



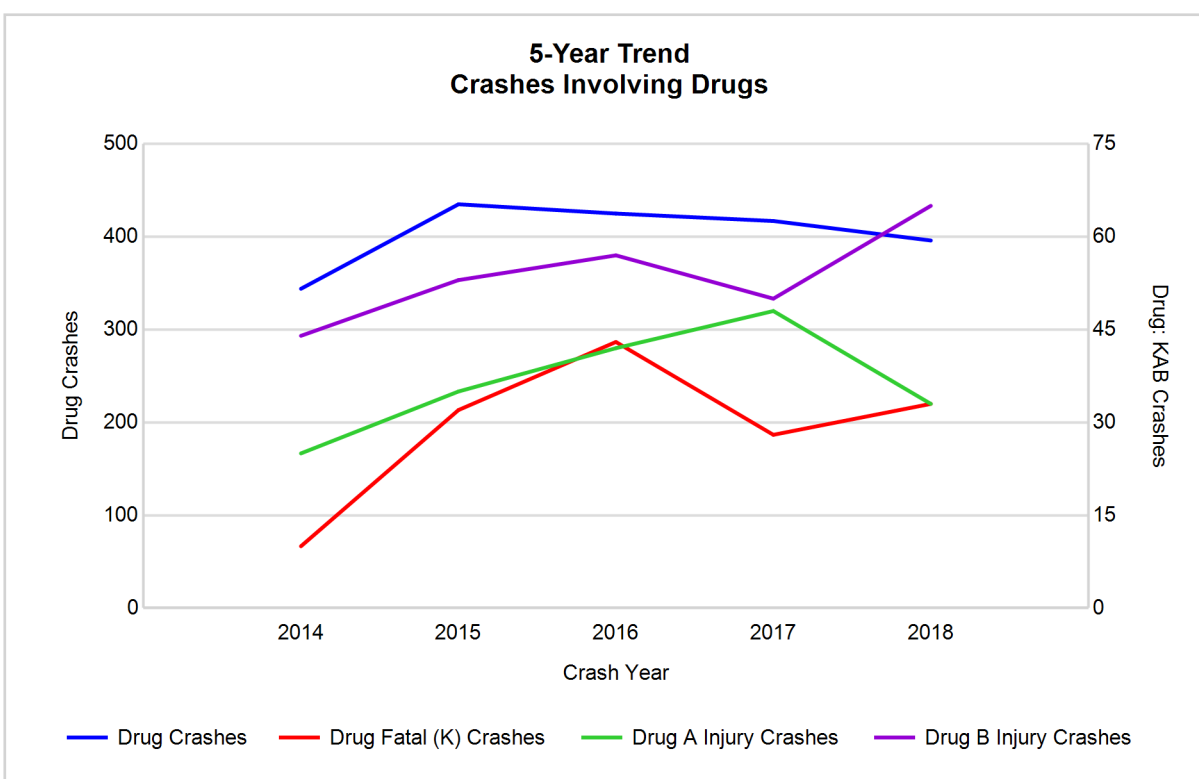
Note: Had-Been-Drinking (HBD)

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
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
2017	54,920	417	0.8	145	28	19.3	852	48	5.6	3,030	50	1.7
2018	54,072	396	0.7	153	33	21.6	781	33	4.2	2,969	65**	2.2

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

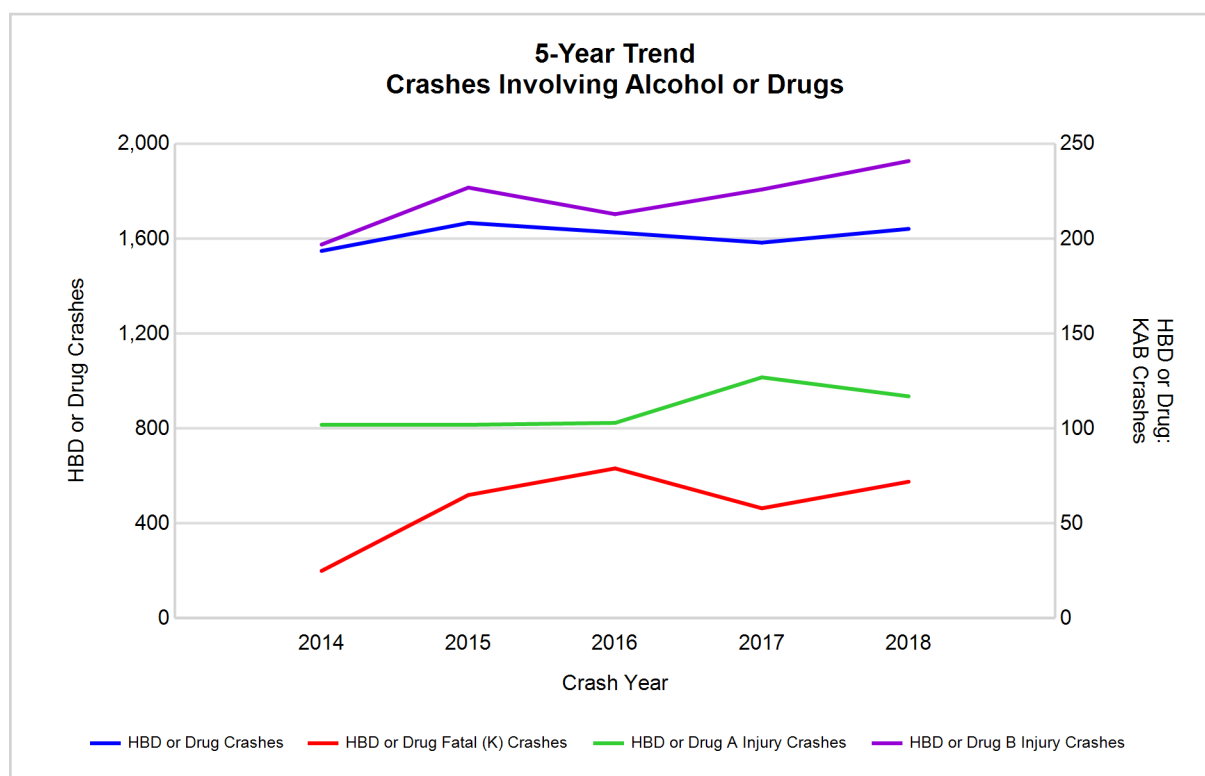


5-Year Trend - Crashes Involving Alcohol or Drugs

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
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
2017	54,920	1,584	2.9	145	58	40.0	852	127	14.9	3,030	226	7.5
2018	54,072	1,642	3.0	153	72	47.1**	781	117	15.0	2,969	241**	8.1

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



Note: Had-Been-Drinking (HBD)

2018 - 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	92,736	69,296	74.7	87	28	32.2	589	347	58.9	2,987	2,417	80.9	10,802	9,025	83.5	65,108	57,465	88.3
Motor home	312	228	73.1	0	0	0.0	3	2	66.7	6	5	83.3	15	13	86.7	246	208	84.6
Pickup truck	6,753	5,259	77.9	3	1	33.3	24	15	62.5	152	131	86.2	458	383	83.6	5,187	4,729	91.2
Small truck under 10,000 lbs. GVWR	593	416	70.2	0	0	0.0	1	0	0.0	5	4	80.0	23	17	73.9	460	395	85.9
Motorcycle	472	245	51.9	14	4	28.6	86	49	57.0	158	88	55.7	87	49	56.3	99	55	55.6
Moped / goped	82	18	22.0	3	0	0.0	14	2	14.3	25	8	32.0	17	6	35.3	12	2	16.7
Go-cart / golf cart	14	3	21.4	1	0	0.0	2	0	0.0	4	0	0.0	3	2	66.7	3	1	33.3
Snowmobile	1	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	1	0	0.0
Off-Road Vehicle - ORV / All-Terrain Vehicle - ATV	36	5	13.9	2	1	50.0	12	0	0.0	12	3	25.0	5	0	0.0	3	1	33.3
Other	553	284	51.4	0	0	0.0	5	1	20.0	3	1	33.3	20	10	50.0	354	272	76.8
Truck/bus over 10,000 lbs.	3,738	3,169	84.8	1	0	0.0	6	3	50.0	42	28	66.7	144	89	61.8	3,321	3,048	91.8
Unknown	4,783	2	0.0	0	0	0.0	0	0	0.0	1	0	0.0	1	0	0.0	58	2	3.4
Total	110,073	78,925	71.7	111	34	0.0	742	419	56.5	3,395	2,685	79.1	11,575	9,594	82.9	74,852	66,178	88.4

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.

2018 - 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	1,170	883	75.5	6	2	33.3	25	12	48.0	163	101	62.0	869	694	79.9	99	74	74.7
16 - 20	8,871	7,770	87.6	11	3	27.3	73	34	46.6	361	296	82.0	1,187	967	81.5	7,131	6,468	90.7
21 - 24	9,165	7,854	85.7	10	3	30.0	84	39	46.4	393	300	76.3	1,127	934	82.9	7,433	6,576	88.5
25 - 64	63,483	54,719	86.2	74	20	27.0	504	294	58.3	2,150	1,690	78.6	7,344	6,070	82.7	52,480	46,635	88.9
65 +	8,658	7,694	88.9	10	6	60.0	55	40	72.7	327	298	91.1	1,039	927	89.2	7,104	6,422	90.4
Unknown	18,726	5	0.0	0	0	0.0	1	0	0.0	1	0	0.0	9	2	22.2	605	3	0.5
Total	110,073	78,925	71.7	111	34	0.0	742	419	56.5	3,395	2,685	79.1	11,575	9,594	82.9	74,852	66,178	88.4

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	2014			2015			2016			2017			2018		
	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	353	1	50	406	1	61	243	0	33	166	0	27	135	0	24
Shoulder belt only used	210	0	38	293	0	31	591	1	75	680	1	87	481	0	80
Lap belt only used	253	1	29	290	0	30	196	0	21	165	1	15	104	0	20
Both lap & shoulder belts used	69,740	21	7,957	72,178	28	8,654	76,661	25	9,605	77,677	26	9,655	74,816	23	9,156
No belts used	751	20	203	782	14	237	737	28	236	610	13	222	542	22	200
Child restraint used	2	0	0	10	0	1	8	0	0	7	0	0	0	0	0
Child restraint not used, unavailable or improper use	6	0	0	8	0	1	2	0	0	0	0	0	0	0	0
Restraint failure	28	0	3	35	0	4	31	0	8	23	0	8	17	0	4
Restraint use unknown	11,161	15	783	12,034	14	972	18,847	29	919	25,004	30	1,164	26,968	23	1,474
Helmet worn	272	6	189	306	19	198	326	9	232	297	7	209	256	5	193
Helmet not worn	160	4	125	171	8	121	330	10	166	164	8	125	194	12	148
Helmet use unknown	82	1	30	95	3	31	70	3	24	56	4	36	68	2	44
Uncoded & errors	10,102	0	34	10,807	0	15	5,644	0	16	2,553	0	0	2,099	0	0
Total	93,120	69	9,441	97,415	87	10,356	103,686	105	11,335	107,402	90	11,548	105,680	87	11,343

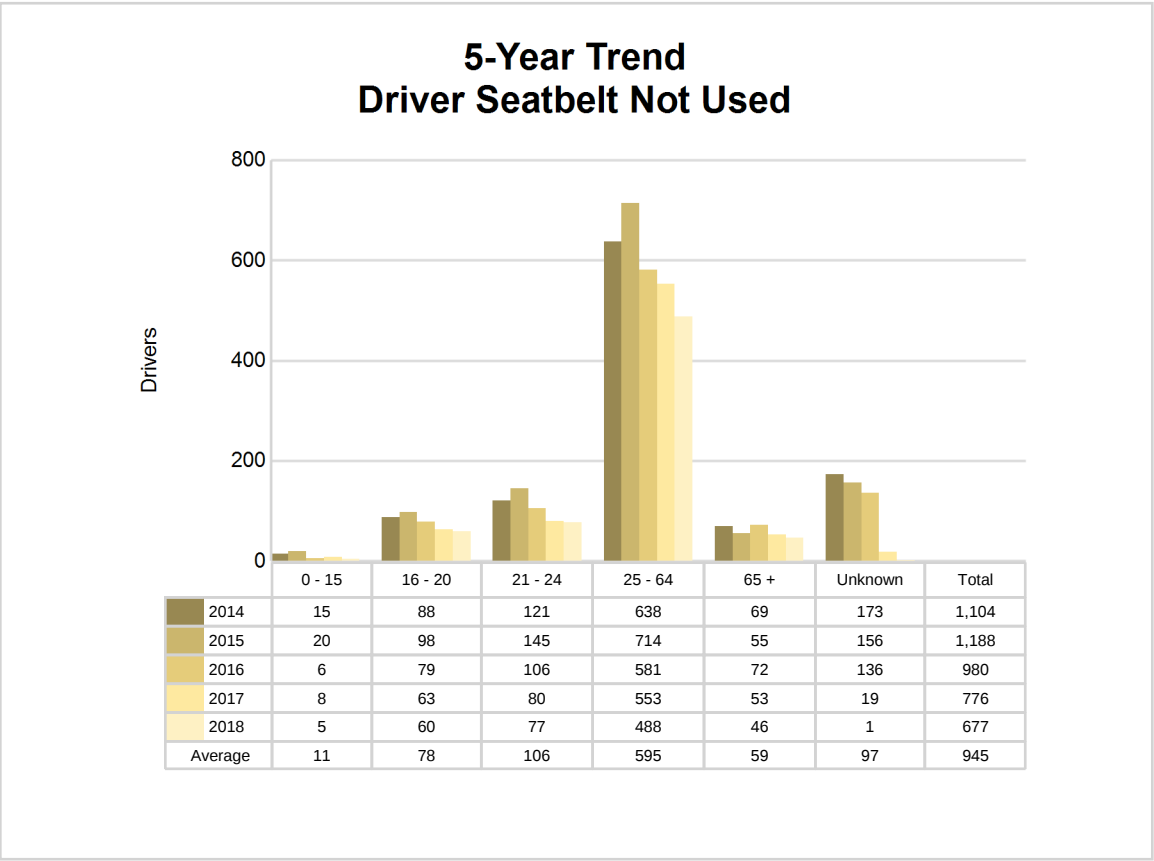
5-Year Trend - Restraint Use Among Drivers Coded Drinking

Restraint Use	2014			2015			2016			2017			2018		
	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	7	0	1	5	0	2	8	0	3	4	0	0	6	0	3
Shoulder belt only used	6	0	1	6	0	1	11	0	2	6	0	2	5	0	1
Lap belt only used	6	0	2	5	0	2	1	0	0	1	0	0	3	0	1
Both lap & shoulder belts used	930	3	189	990	3	229	968	1	239	891	7	220	943	3	238
No belts used	83	1	52	84	6	46	82	13	40	60	3	31	61	5	38
Child restraint used	0	0	0	0	0	0	0	0	0	1	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	245	0	66	271	4	74	260	8	69	297	10	91	337	13	113
Helmet worn	7	1	6	9	0	8	4	0	4	8	0	8	4	1	2
Helmet not worn	22	0	22	15	5	8	19	2	14	9	1	8	22	5	14
Helmet use unknown	2	0	1	0	0	0	0	0	0	2	0	0	3	0	2
Uncoded & errors	7	0	1	2	0	0	2	0	0	2	0	0	0	0	0
Total	1,315	5	341	1,387	18	370	1,355	24	371	1,281	21	360	1,384	27	412

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

Age Group	2014			2015			2016			2017			2018		
	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	15	0	3	20	0	5	6	0	0	8	0	1	5	0	3
16 - 20	88	4	23	98	0	45	79	1	34	63	2	25	60	4	27
21 - 24	121	4	41	145	2	44	106	2	35	80	3	28	77	1	28
25 - 64	638	11	165	714	11	189	581	22	185	553	7	183	488	16	158
65 +	69	2	11	55	2	11	72	3	13	53	1	12	46	1	8
Unknown	173	0	10	156	0	4	136	0	2	19	0	0	1	0	0
Total	1,104	21	253	1,188	15	298	980	28	269	776	13	249	677	22	224

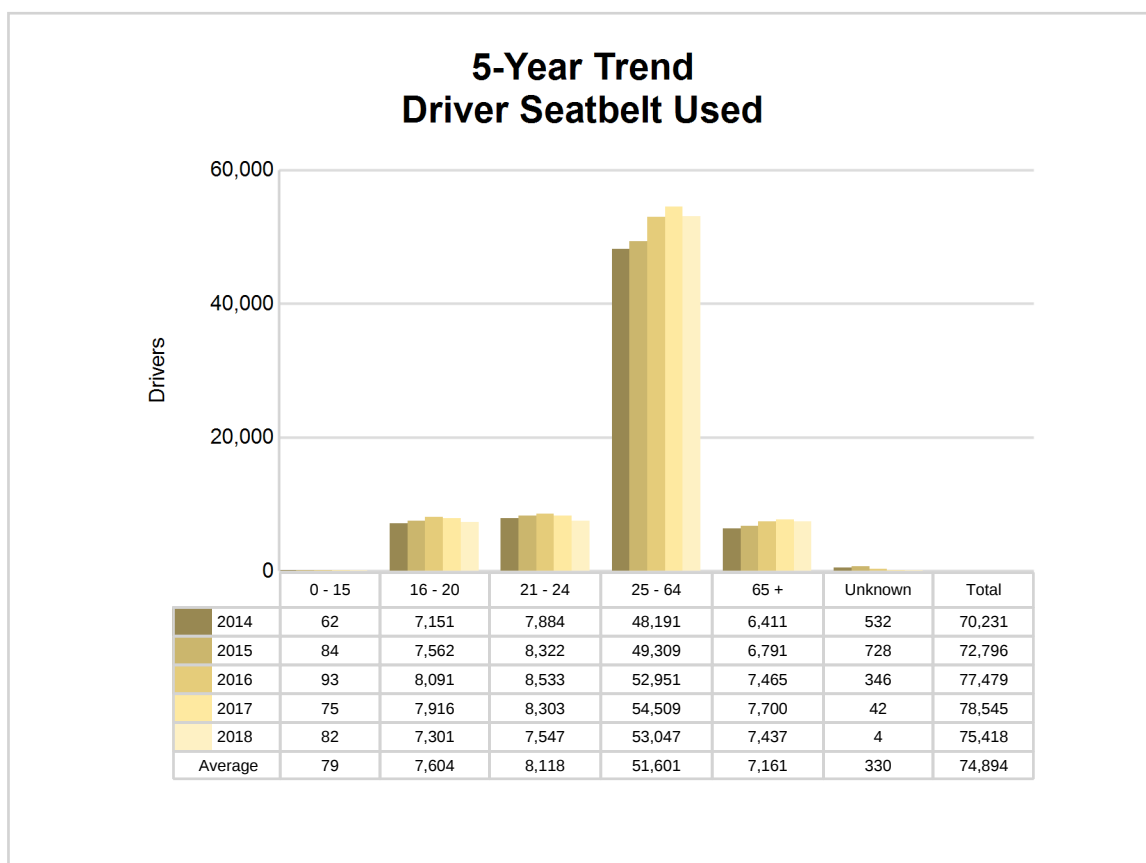
Note: Seatbelt Not Used includes no belts available or no belts used.



5-Year Trend - Seatbelt Used Among Drivers by Age

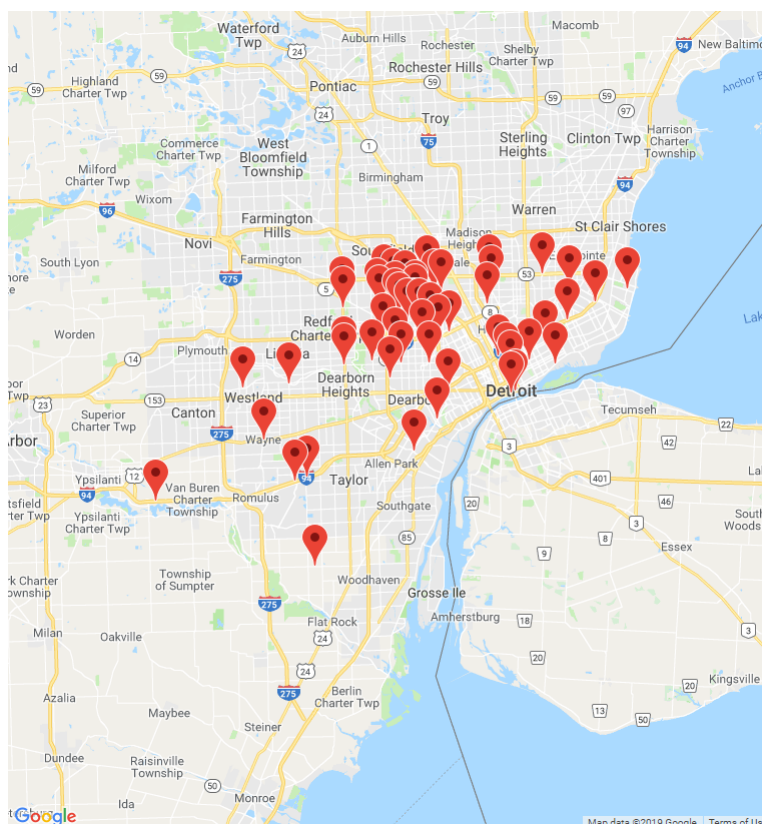
Age Group	2014			2015			2016			2017			2018		
	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers
0 - 15	62	0	5	84	0	7	93	1	9	75	0	7	82	0	9
16 - 20	7,151	1	807	7,562	3	840	8,091	2	956	7,916	3	920	7,301	1	835
21 - 24	7,884	2	972	8,322	4	1,013	8,533	2	1,121	8,303	0	1,066	7,547	1	975
25 - 64	48,191	15	5,462	49,309	15	5,981	52,951	14	6,622	54,509	20	6,787	53,047	16	6,426
65 +	6,411	4	769	6,791	6	871	7,465	7	995	7,700	5	983	7,437	5	1,014
Unknown	532	0	12	728	0	7	346	0	6	42	0	2	4	0	1
Total	70,231	22	8,027	72,796	28	8,719	77,479	26	9,709	78,545	28	9,765	75,418	23	9,260

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	2014		2015		2016		2017		2018	
	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	44,609	84	47,113	102	47,920	124	48,083	96	46,545	87
Speed too fast	4,960	27	4,258	31	4,062	42	3,986	31	3,873	33
Speed too slow	54	1	67	2	57	1	30	0	34	0
Failed to yield	7,214	5	7,471	13	7,785	12	8,036	5	7,904	11
Disregard traffic control	2,421	7	2,688	14	2,841	10	2,874	8	2,841	15
Drove wrong way	154	2	178	0	144	1	132	4	158	0
Drove left of center	436	5	395	3	399	10	413	5	369	7
Improper passing	603	0	690	1	695	3	785	3	814	0
Improper lane use	2,763	2	3,243	4	3,544	3	3,833	3	3,803	2
Improper turn	1,067	0	1,245	4	1,216	1	1,334	2	1,334	2
Improper/no signal	128	0	143	0	98	0	77	0	81	0
Improper backing	1,564	1	1,568	1	1,468	0	1,460	0	1,470	0
Unable to stop in assured clear distance	13,237	8	13,707	13	14,916	5	14,933	5	14,357	7
Other	3,340	19	3,490	16	3,628	18	3,430	15	3,339	11
Unknown	5,860	44	5,935	38	9,496	24	13,569	33	14,413	33
Reckless driving	646	15	764	19	803	23	601	22	573	20
Careless/negligent driving	2,040	11	2,385	18	2,433	18	1,765	13	1,788	16
Uncoded & errors	2,024	1	2,075	1	2,181	2	2,061	6	1,984	0
Total	93,120	232	97,415	280	103,686	297	107,402	251	105,680	244



The picture above represents all 2018 alcohol-involved fatal crashes in Wayne County.

In 2018, there were 1,422 alcohol-involved crashes in Wayne County:

58 K - Fatal Crashes

101 A - Suspected Serious Injury Crashes

207 B - Suspected Minor Injury Crashes

271 C - Possible Injury Crashes

785 O - Property Damage Only/No Injury Crashes

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