



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

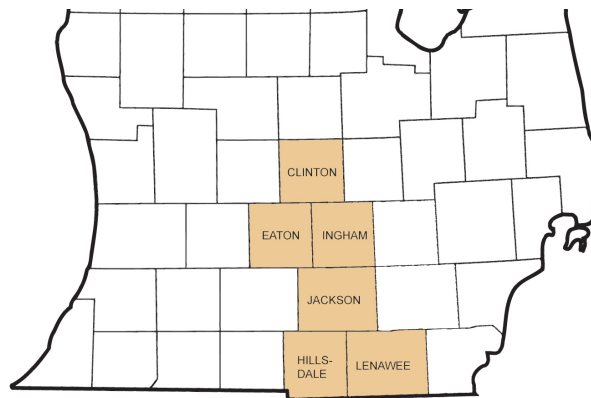
Property Damage Only (PDO)



## Traffic Safety Network Capital Area

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

Traffic Safety Network Capital Area is comprised of Clinton, Eaton, Hillsdale, Ingham, Jackson, and Lenawee 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.

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## TSN Capital Area Experience

In 2018:

There were 39,345 drivers involved in 24,693 motor vehicle crashes in Traffic Safety Network Capital Area. Of those crashes, 75 were classified as fatal, resulting in 84 fatalities. An additional 5,494 persons were injured.

Traffic Safety Network Capital Area experienced the highest number of motor vehicle crashes (2,917) in November, the highest number of fatal crashes (12) in August, and the highest number of persons killed (13) in August and September.

Michigan driver statistics indicate 6.4 percent of licensed drivers in Traffic Safety Network Capital Area were age 16-20, and 11.5 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	2,627	6	353	2,268	6	459
February	2,129	2	301	1,826	3	412
March	1,864	6	323	1,535	8	426
April	1,728	4	288	1,436	5	395
May	1,837	5	346	1,486	5	480
June	1,802	5	346	1,451	5	508
July	1,580	8	330	1,242	9	459
August	1,616	12	344	1,260	13	477
September	1,846	11	365	1,470	13	492
October	2,670	8	385	2,277	8	537
November	2,917	4	343	2,570	4	443
December	2,077	4	312	1,761	5	406
<b>Total</b>	<b>24,693</b>	<b>75</b>	<b>4,036</b>	<b>20,582</b>	<b>84</b>	<b>5,494</b>

## 2018 - Driver Statistics

Age Group	Capital Area			Driver Rates	
	2018 Population	Licensed Drivers	Drivers in Crashes	Per 10k Population	Per 10k Licensed
0 - 15	143,981	3,899	62	4.3	159.0
16 - 20	63,391	38,192	4,527	714.1	1,185.3
21 - 24	55,230	37,745	4,138	749.2	1,096.3
25 - 64	392,922	356,792	23,881	607.8	669.3
65 +	129,207	117,058	4,066	314.7	347.3
Unknown	0	0	2,671	--	--
<b>Total</b>	<b>784,731</b>	<b>553,686</b>	<b>39,345</b>	<b>501.4</b>	<b>710.6</b>

## 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	31,827	80.9	80	63.0	5,773	25,974
Motor home	94	0.2	1	0.8	13	80
Pickup truck	4,651	11.8	18	14.2	778	3,855
Small truck under 10,000 lbs. GVWR	226	0.6	1	0.8	35	190
Motorcycle	224	0.6	12	9.4	160	52
Moped / goped	74	0.2	0	0.0	57	17
Go-cart / golf cart	1	0.0	0	0.0	1	0
Snowmobile	1	0.0	0	0.0	0	1
Off-Road Vehicle - ORV / All-Terrain Vehicle - ATV	10	0.0	0	0.0	6	4
Other	246	0.6	2	1.6	33	211
Truck/bus over 10,000 lbs.	1,085	2.8	13	10.2	187	885
Unknown	906	2.3	0	0.0	77	829
<b>Total</b>	<b>39,345</b>	<b>100.0</b>	<b>127</b>	<b>100.0</b>	<b>7,120</b>	<b>32,098</b>

## TSN Capital Area (continued)

### 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	3,124	4	2,582	1	2,362	1	2,144	6	2,627	6
February	2,216	3	2,095	3	2,199	3	1,548	4	2,129	2
March	1,957	3	1,654	5	1,922	3	2,106	2	1,864	6
April	1,529	5	1,383	2	1,591	8	1,634	9	1,728	4
May	1,623	6	1,713	5	1,879	8	1,935	4	1,837	5
June	1,595	11	1,690	12	1,791	10	1,880	8	1,802	5
July	1,438	4	1,683	6	1,585	8	1,597	5	1,580	8
August	1,387	4	1,536	7	1,663	5	1,623	9	1,616	12
September	1,662	12	1,843	5	1,937	13	1,801	8	1,846	11
October	2,469	4	2,510	8	2,515	9	2,664	9	2,670	8
November	2,844	6	2,904	0	2,689	9	2,593	5	2,917	4
December	2,022	6	2,131	4	2,650	5	2,896	3	2,077	4
<b>Total</b>	<b>23,866</b>	<b>68</b>	<b>23,724</b>	<b>58</b>	<b>24,783</b>	<b>82</b>	<b>24,421</b>	<b>72</b>	<b>24,693</b>	<b>75</b>

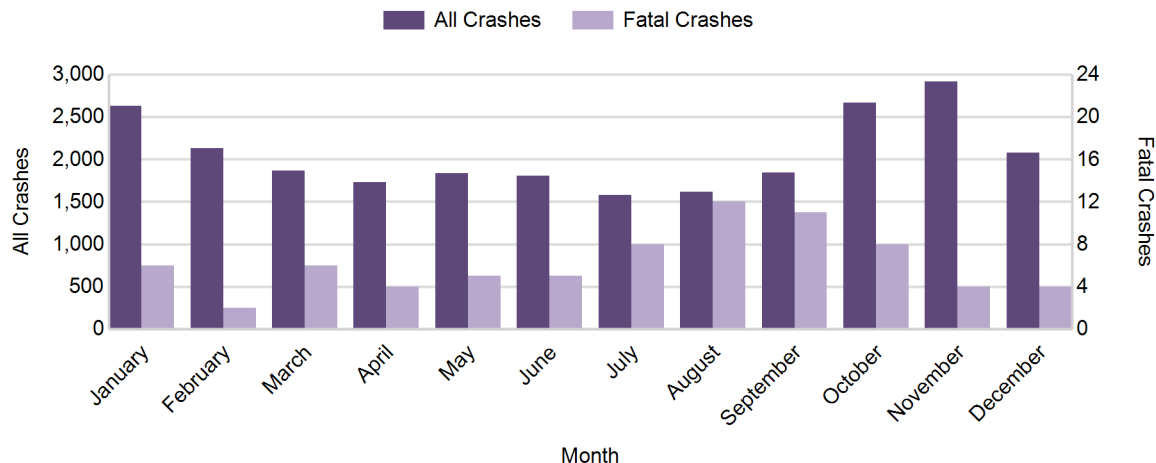
Note: † Indicates that the highest number of total crashes reported in the 5-year period occurred in the same month

### 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	3,238	8	3,446	8	3,363	14	3,554	11	3,756	10
Tuesday	3,565	13	3,588	7	3,779	12	3,732	5	3,749	11
Wednesday	3,681	7	3,556	9	3,930	9	3,729	9	3,707	12
Thursday	4,118	9	3,417	8	4,014	11	3,836	7	3,708	6
Friday	3,969	11	3,886	6	4,236	11	4,118	15	4,273	11
Saturday	2,901	10	3,268	8	2,988	14	3,065	18	2,975	10
Sunday	2,394	10	2,563	12	2,473	11	2,387	7	2,525	15
<b>Total</b>	<b>23,866</b>	<b>68</b>	<b>23,724</b>	<b>58</b>	<b>24,783</b>	<b>82</b>	<b>24,421</b>	<b>72</b>	<b>24,693</b>	<b>75</b>

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

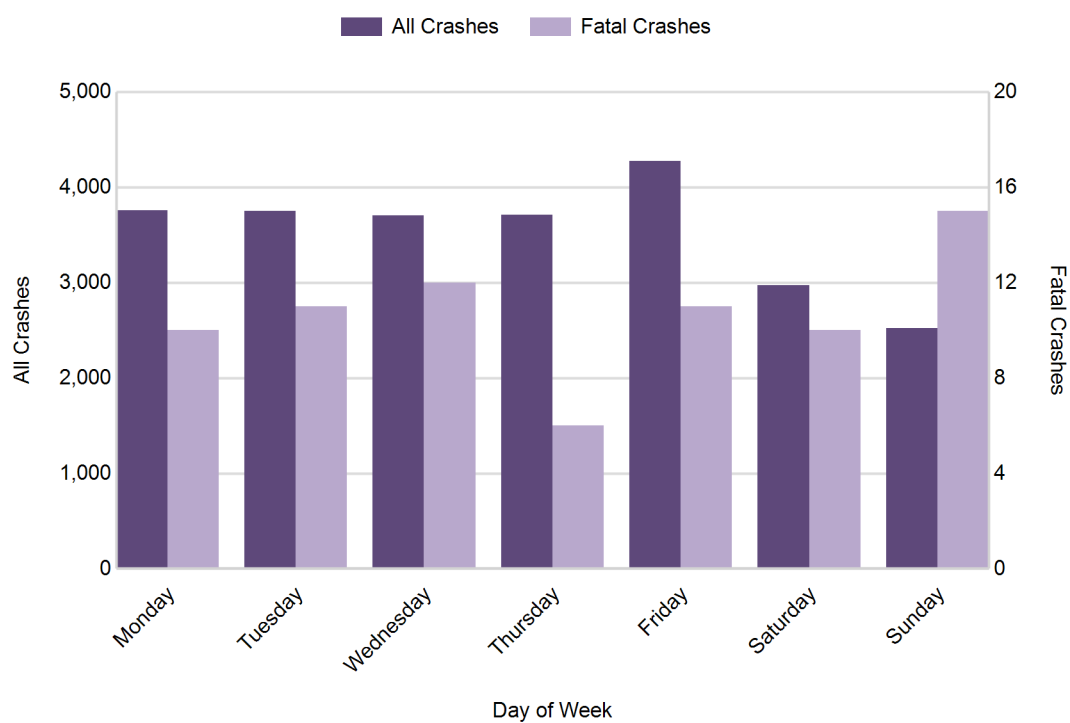
### 2018 Crashes by Month



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	3,756	15.2	10	13.3	49	177	361	3,159
Tuesday	3,749	15.2	11	14.7	55	177	366	3,140
Wednesday	3,707	15.0	12	16.0	57	160	369	3,109
Thursday	3,708	15.0	6	8.0	51	181	370	3,100
Friday	4,273	17.3	11	14.7	57	202	460	3,543
Saturday	2,975	12.0	10	13.3	55	141	309	2,460
Sunday	2,525	10.2	15	20.0	66	134	239	2,071
<b>Total</b>	<b>24,693</b>	<b>100.0</b>	<b>75</b>	<b>100.0</b>	<b>390</b>	<b>1,172</b>	<b>2,474</b>	<b>20,582</b>

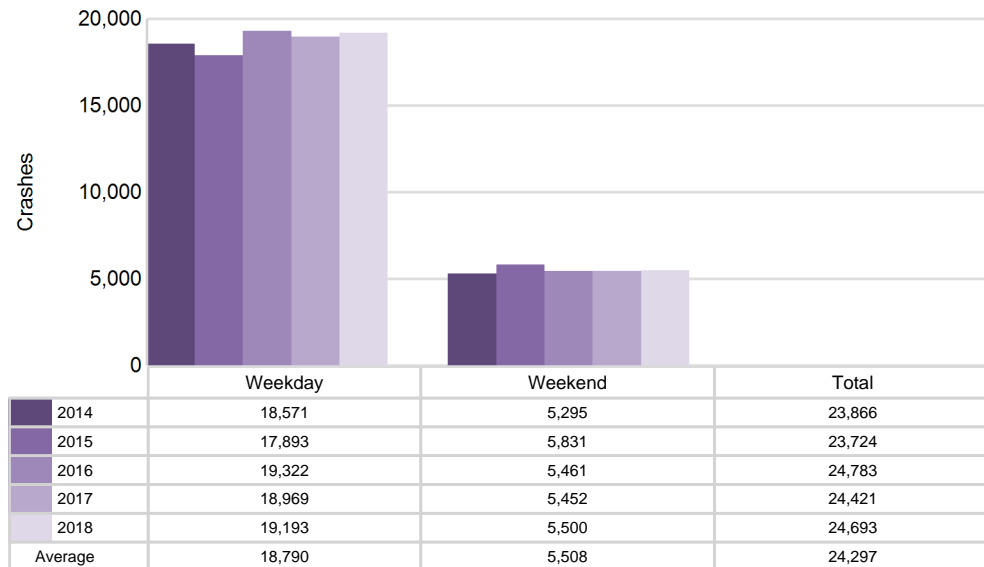
2018 Day of Week and Severity



## 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	18,571	48	17,893	38	19,322	57	18,969	47	19,193	50
Weekend	5,295	20	5,831	20	5,461	25	5,452	25	5,500	25
<b>Total</b>	<b>23,866</b>	<b>68</b>	<b>23,724</b>	<b>58</b>	<b>24,783</b>	<b>82</b>	<b>24,421</b>	<b>72</b>	<b>24,693</b>	<b>75</b>

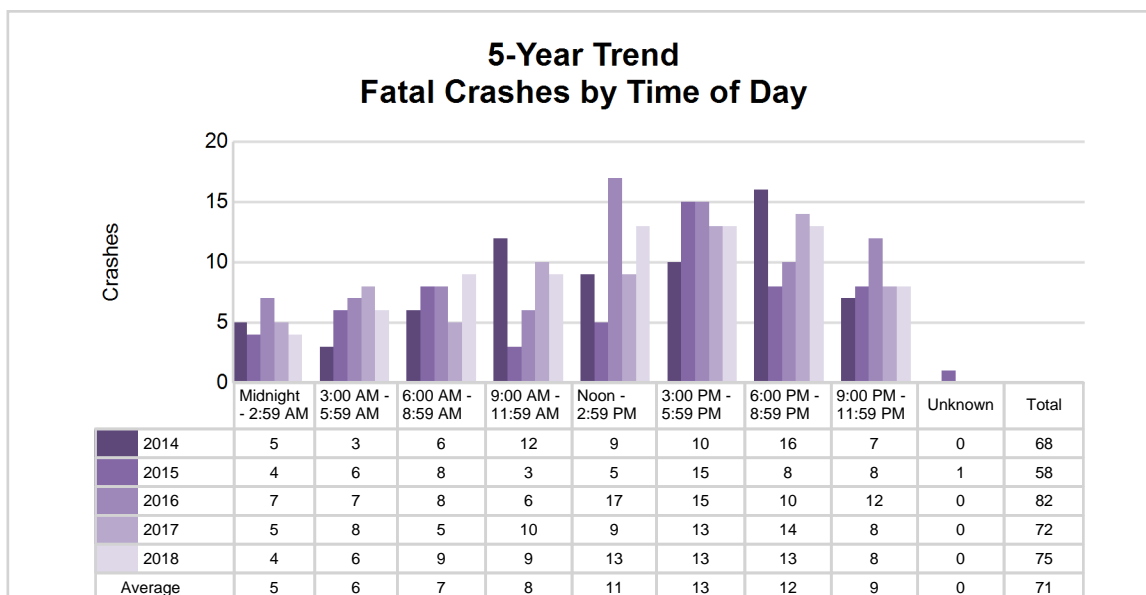
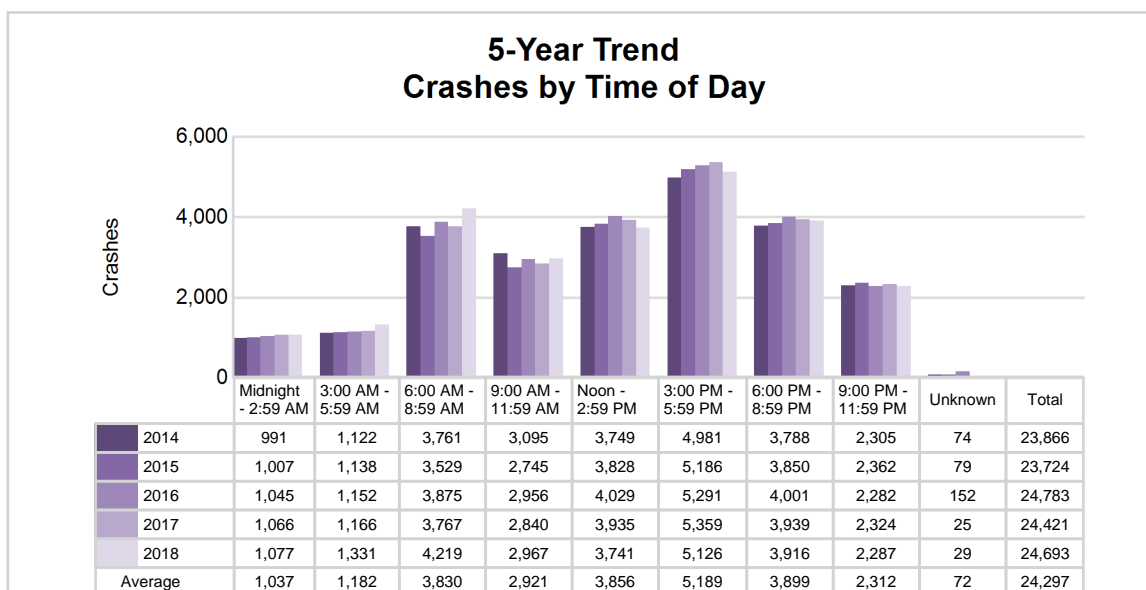
### 5-Year Crash Trends by Weekday (Monday - Friday) and Weekend (Saturday & Sunday)



## 5-Year Trend - Crashes by Time of Day

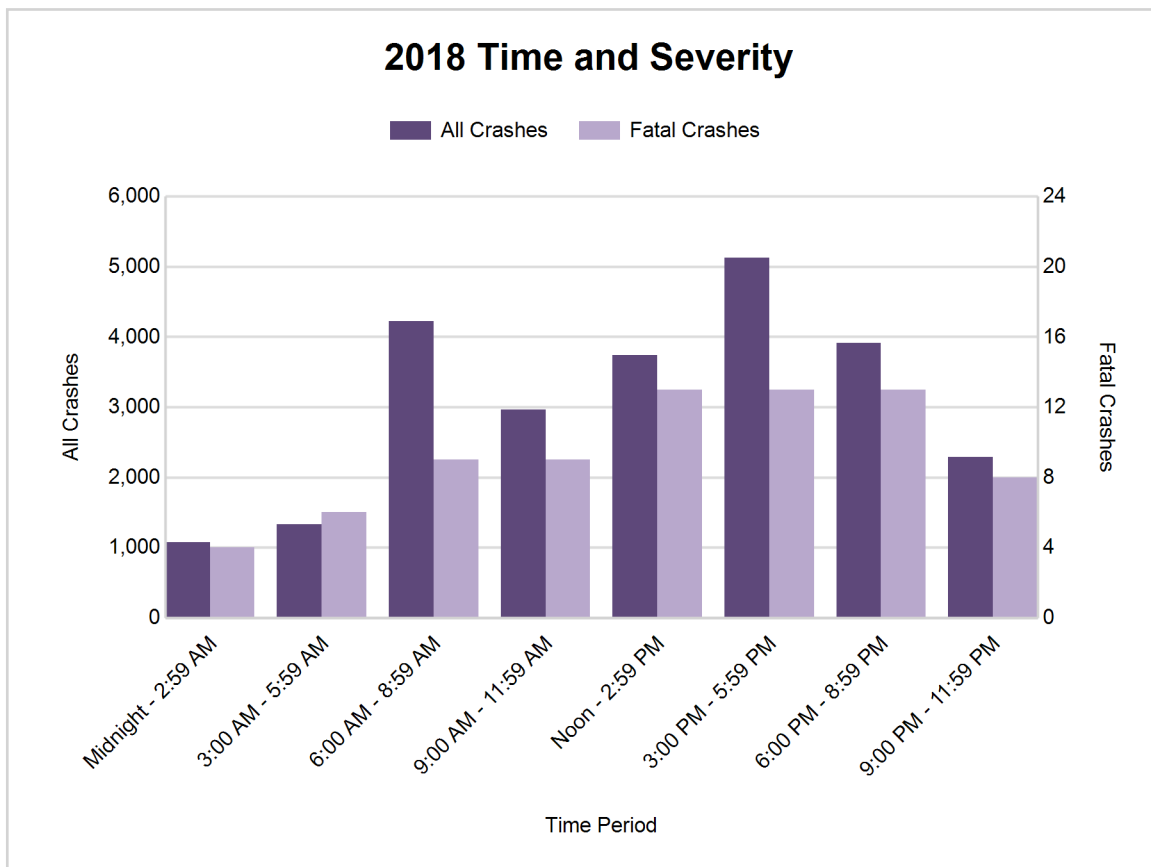
Time of Day	2014		2015		2016		2017		2018	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Midnight - 2:59 AM	991	5	1,007	4	1,045	7	1,066	5	1,077	4
3:00 AM - 5:59 AM	1,122	3	1,138	6	1,152	7	1,166	8	1,331	6
6:00 AM - 8:59 AM	3,761	6	3,529	8	3,875	8	3,767	5	4,219	9
9:00 AM - 11:59 AM	3,095	12	2,745	3	2,956	6	2,840	10	2,967	9
Noon - 2:59 PM	3,749	9	3,828	5	4,029	17	3,935	9	3,741	13
3:00 PM - 5:59 PM	4,981 †	10	5,186 †	15	5,291 †	15	5,359 †	13	5,126 †	13
6:00 PM - 8:59 PM	3,788	16	3,850	8	4,001	10	3,939	14	3,916	13
9:00 PM - 11:59 PM	2,305	7	2,362	8	2,282	12	2,324	8	2,287	8
Unknown	74	0	79	1	152	0	25	0	29	0
<b>Total</b>	<b>23,866</b>	<b>68</b>	<b>23,724</b>	<b>58</b>	<b>24,783</b>	<b>82</b>	<b>24,421</b>	<b>72</b>	<b>24,693</b>	<b>75</b>

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	1,077	4.4	4	5.3	31	61	85	896
3:00 AM - 5:59 AM	1,331	5.4	6	8.0	22	52	78	1,173
6:00 AM - 8:59 AM	4,219	17.1	9	12.0	38	143	342	3,687
9:00 AM - 11:59 AM	2,967	12.0	9	12.0	45	154	343	2,416
Noon - 2:59 PM	3,741	15.2	13	17.3	79	212	484	2,953
3:00 PM - 5:59 PM	5,126	20.8	13	17.3	77	283	592	4,161
6:00 PM - 8:59 PM	3,916	15.9	13	17.3	56	162	370	3,315
9:00 PM - 11:59 PM	2,287	9.3	8	10.7	40	104	180	1,955
Unknown	29	0.1	0	0.0	2	1	0	26
<b>Total</b>	<b>24,693</b>	<b>100.0</b>	<b>75</b>	<b>100.0</b>	<b>390</b>	<b>1,172</b>	<b>2,474</b>	<b>20,582</b>

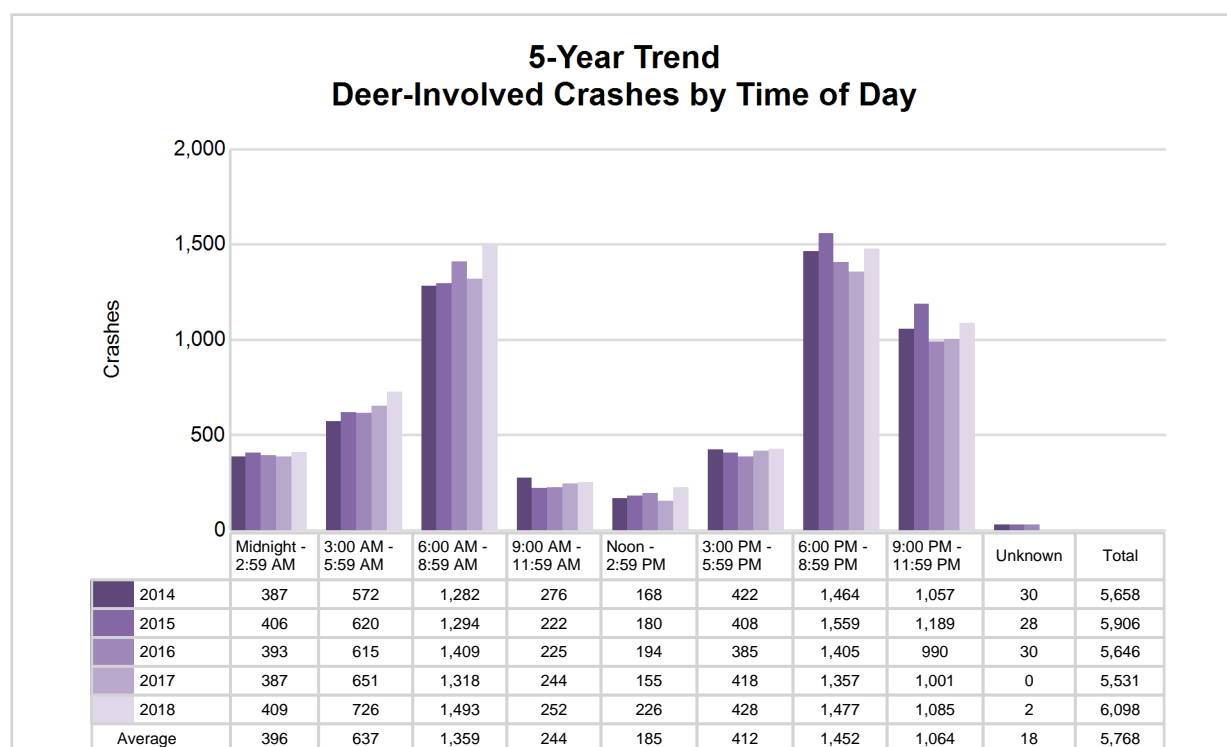


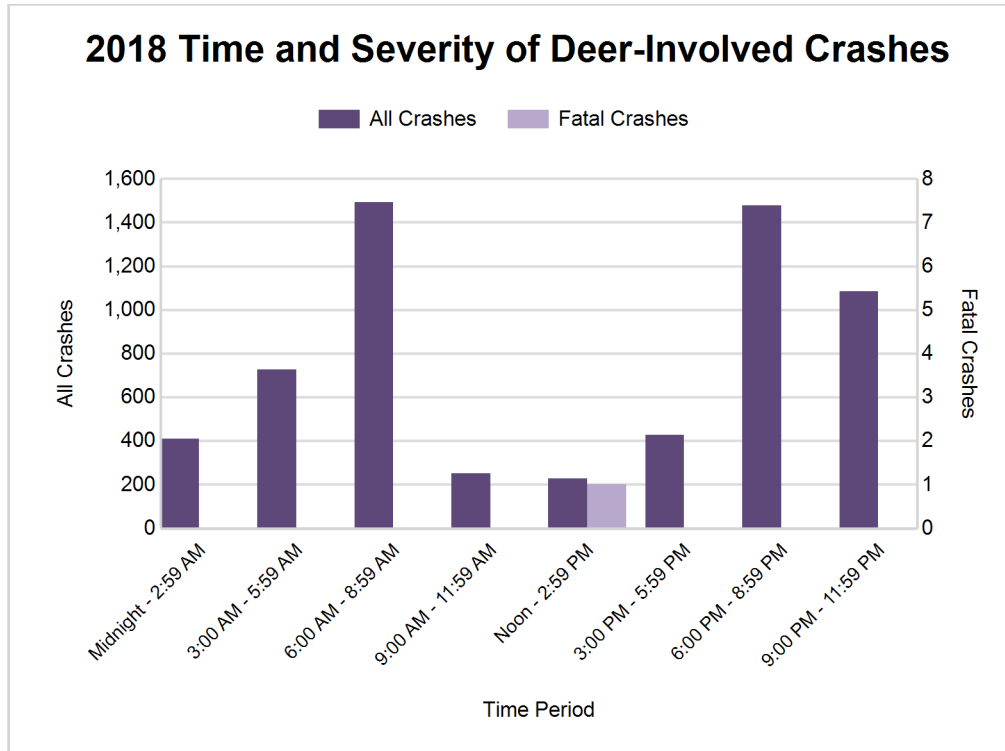


## 5-Year Trend - Deer-Involved Crashes by Time of Day

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	387	0	406	1	393	0	387	0	409	0
3:00 AM - 5:59 AM	572	0	620	1	615	0	651	0	726	0
6:00 AM - 8:59 AM	1,282	0	1,294	0	1,409	0	1,318	0	1,493	0
9:00 AM - 11:59 AM	276	0	222	0	225	0	244	0	252	0
Noon - 2:59 PM	168	1	180	0	194	0	155	0	226	1
3:00 PM - 5:59 PM	422	0	408	0	385	0	418	0	428	0
6:00 PM - 8:59 PM	1,464	1	1,559	1	1,405	1	1,357	0	1,477	0
9:00 PM - 11:59 PM	1,057	0	1,189	0	990	1	1,001	1	1,085	0
Unknown	30	0	28	0	30	0	0	0	2	0
<b>Total</b>	<b>5,658</b>	<b>2</b>	<b>5,906</b>	<b>3</b>	<b>5,646</b>	<b>2</b>	<b>5,531</b>	<b>1</b>	<b>6,098</b>	<b>1</b>

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





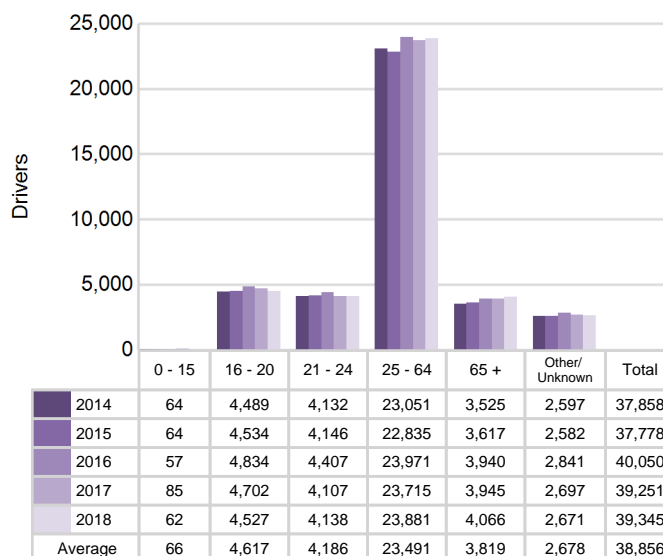
#### 2018 - Reported Motor Vehicle Crashes by County

County	Crashes											Persons	
	Total	Fatal	Injury	Property Damage	Inter-state	US Route	State Route	Local Street	Alcohol-Involved	Drug-Involved	Deer-Involved	Fatalities	Injuries
Clinton	2,487	12	265	2,210	469	361	282	1,371	68	19	1,103	12	381
Eaton	3,250	17	443	2,790	670	0	1,068	1,507	118	38	989	22	614
Hillsdale	1,646	11	190	1,445	0	235	393	1,018	44	19	854	12	267
Ingham	9,554	14	1,841	7,699	1,985	554	2,092	4,921	259	55	931	15	2,452
Jackson	5,354	15	835	4,504	963	333	877	3,174	188	46	1,537	17	1,148
Lenawee	2,402	6	462	1,934	0	532	550	1,318	100	26	684	6	632
<b>Total</b>	<b>24,693</b>	<b>75</b>	<b>4,036</b>	<b>20,582</b>	<b>4,087</b>	<b>2,015</b>	<b>5,262</b>	<b>13,309</b>	<b>777</b>	<b>203</b>	<b>6,098</b>	<b>84</b>	<b>5,494</b>

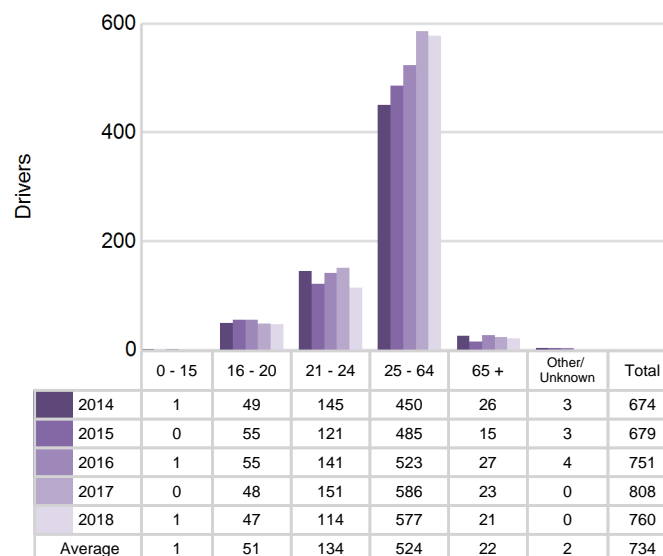
## 5-Year Trend - Drivers in Crashes Coded Drinking by Driver Age

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	64	1	64	0	57	1	85	0	62	1
16 - 20	4,489	49	4,534	55	4,834	55	4,702	48	4,527	47
21 - 24	4,132	145	4,146	121	4,407	141	4,107	151	4,138	114
25 - 64	23,051	450	22,835	485	23,971	523	23,715	586	23,881	577
65 +	3,525	26	3,617	15	3,940	27	3,945	23	4,066	21
Unknown	2,597	3	2,582	3	2,841	4	2,697	0	2,671	0
<b>Total</b>	<b>37,858</b>	<b>674</b>	<b>37,778</b>	<b>679</b>	<b>40,050</b>	<b>751</b>	<b>39,251</b>	<b>808</b>	<b>39,345</b>	<b>760</b>

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

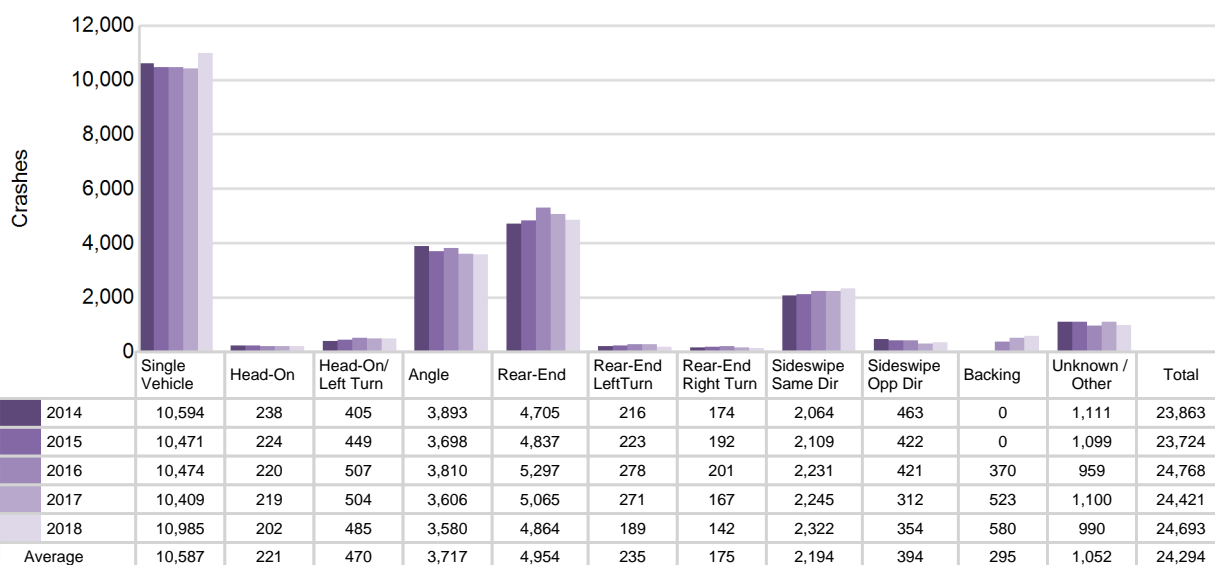


### 5-Year Trend Total Drivers Coded Drinking by Age



## 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	10,594	32	10,471	32	10,474	43	10,409	39	10,985	31
Head-on	238	11	224	11	220	8	219	6	202	9
Head-on / left turn	405	3	449	2	507	3	504	5	485	3
Angle	3,893	16	3,698	8	3,810	16	3,606	12	3,580	16
Rear-end	4,705	2	4,837	3	5,297	9	5,065	4	4,864	5
Rear-end left turn	216	2	223	0	278	2	271	1	189	3
Rear-end right turn	174	0	192	0	201	0	167	0	142	1
Sideswipe same direction	2,064	2	2,109	1	2,231	0	2,245	1	2,322	1
Sideswipe opposite direction	463	0	422	0	421	1	312	0	354	0
Backing	0	0	0	0	370	0	523	0	580	1
Other / Unknown	1,111	0	1,099	1	959	0	1,100	4	990	5
Uncoded and Errors	3	0	0	0	15	0	0	0	0	0
<b>Total</b>	<b>23,866</b>	<b>68</b>	<b>23,724</b>	<b>58</b>	<b>24,783</b>	<b>82</b>	<b>24,421</b>	<b>72</b>	<b>24,693</b>	<b>75</b>

5-Year Trend  
Crashes by Crash Type

## 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	2	0	0	1	0	0	0	0	1
16 - 20	76	61	38	47	0	5	16	7	19
21 - 24	131	126	99	114	0	11	38	23	42
25 - 64	764	627	477	577	0	56	130	144	247
65 +	49	29	17	21	0	2	7	5	7
Unknown	65	1	0	0	0	0	0	0	0
<b>Total</b>	<b>1,087</b>	<b>844</b>	<b>631</b>	<b>760</b>	<b>0</b>	<b>74</b>	<b>191</b>	<b>179</b>	<b>316</b>

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 1,087 drivers in alcohol-involved crashes; 760 (69.9%) of those drivers were coded as had-been-drinking by the officer on the crash form.

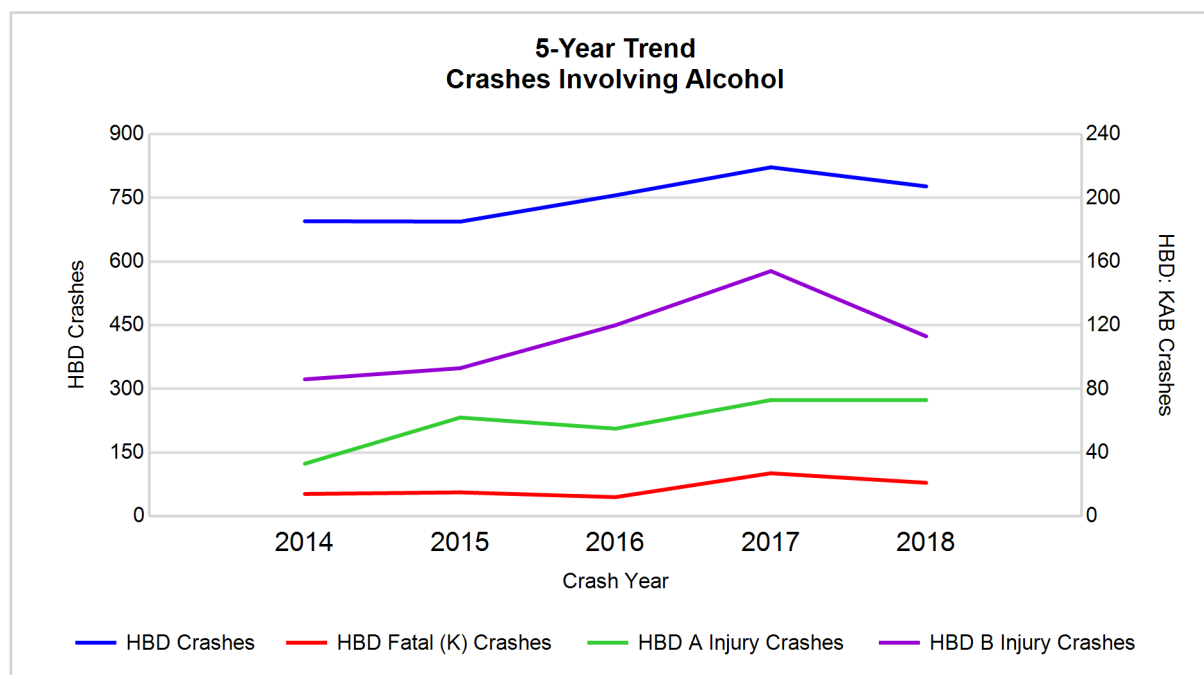
- 370 (48.7%) of the 760 drivers had a blood alcohol concentration (BAC) of 0.08 g/dL (grams per deciliter) or greater, and 179 (48.4%) of the 370 drivers had a BAC at or above 0.17 g/dL.
- 631 (83.0%) of the 760 drivers were coded as had-been-drinking and were tested for alcohol consumption.

## 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	23,866	695	2.9	68	14	20.6	332	33	9.9	954	86	9.0
2015	23,724	694	2.9	58	15	25.9	350	62	17.7	970	93	9.6
2016	24,783	756	3.1	82	12	14.6	385	55	14.3	1,067	120	11.2
2017	24,421	822	3.4	72	27	37.5	437	73	16.7	1,201	154	12.8
2018	24,693	777	3.1	75	21	28.0	390	73	18.7**	1,172	113	9.6

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



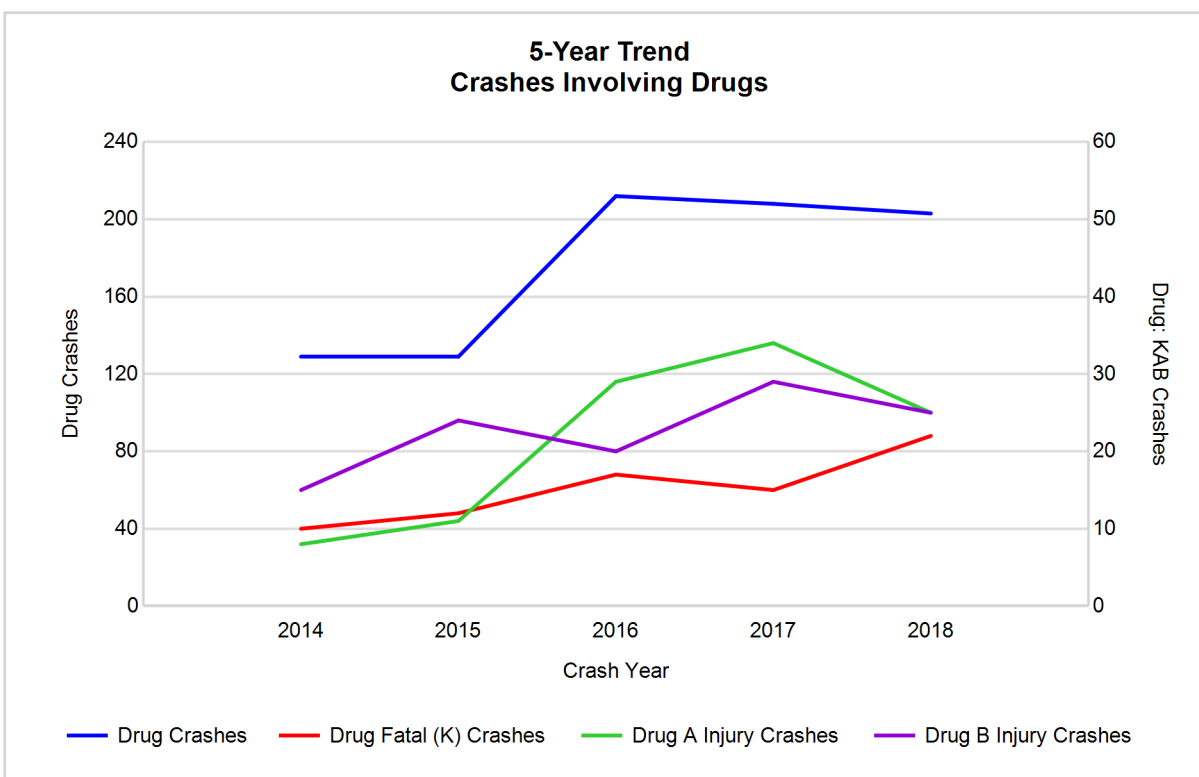
Note: Had-Been-Drinking (HBD)

## 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	23,866	129	0.5	68	10	14.7	332	8	2.4	954	15	1.6
2015	23,724	129	0.5	58	12	20.7	350	11	3.1	970	24	2.5
2016	24,783	212	0.9	82	17	20.7	385	29	7.5	1,067	20	1.9
2017	24,421	208	0.9	72	15	20.8	437	34	7.8	1,201	29	2.4
2018	24,693	203	0.8	75	22**	29.3**	390	25	6.4	1,172	25	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

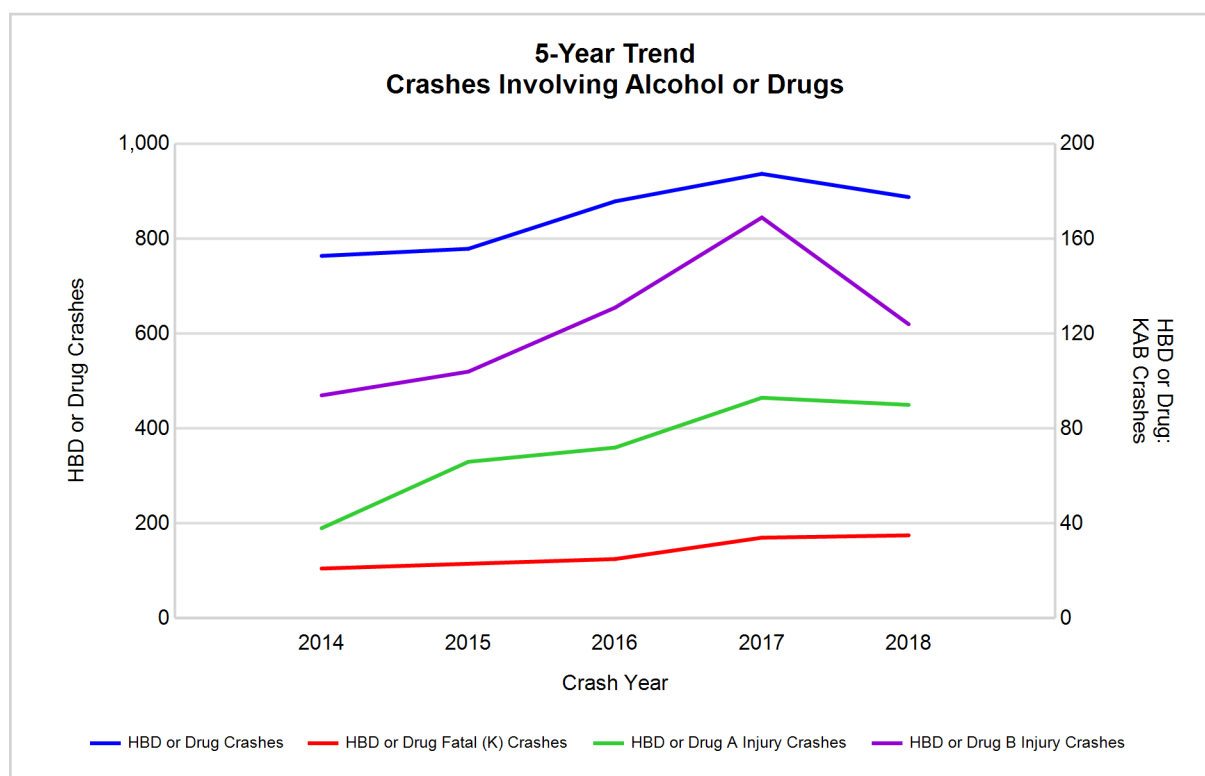


## 5-Year Trend - Crashes Involving Alcohol or Drugs

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
2014	23,866	764	3.2	68	21	30.9	332	38	11.4	954	94	9.9
2015	23,724	779	3.3	58	23	39.7	350	66	18.9	970	104	10.7
2016	24,783	879	3.5	82	25	30.5	385	72	18.7	1,067	131	12.3
2017	24,421	937	3.8	72	34	47.2	437	93	21.3	1,201	169	14.1
2018	24,693	888	3.6	75	35**	46.7	390	90	23.1**	1,172	124	10.6

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	32,910	30,203	91.8	50	36	72.0	329	263	79.9	1,073	985	91.8	2,993	2,839	94.9	26,926	26,078	96.9
Motor home	98	93	94.9	0	0	0.0	0	0	0.0	3	2	66.7	7	7	100.0	85	84	98.8
Pickup truck	4,760	4,335	91.1	8	2	25.0	41	27	65.9	137	115	83.9	303	287	94.7	4,031	3,903	96.8
Small truck under 10,000 lbs. GVWR	229	210	91.7	0	0	0.0	1	1	100.0	8	8	100.0	12	12	100.0	194	188	96.9
Motorcycle	241	160	66.4	13	7	53.8	54	34	63.0	80	51	63.8	39	32	82.1	49	36	73.5
Moped / goped	81	10	12.3	0	0	0.0	10	2	20.0	34	3	8.8	16	2	12.5	19	3	15.8
Go-cart / golf cart	1	1	100.0	0	0	0.0	0	0	0.0	0	0	0.0	1	1	100.0	0	0	0.0
Snowmobile	1	1	100.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	1	1	100.0
Off-Road Vehicle - ORV / All-Terrain Vehicle - ATV	12	0	0.0	0	0	0.0	1	0	0.0	4	0	0.0	2	0	0.0	5	0	0.0
Other	252	176	69.8	2	0	0.0	1	0	0.0	5	3	60.0	10	6	60.0	210	167	79.5
Truck/bus over 10,000 lbs.	1,108	1,022	92.2	2	0	0.0	4	2	50.0	26	18	69.2	43	32	74.4	1,002	970	96.8
Unknown	916	10	1.1	0	0	0.0	4	0	0.0	5	5	100.0	4	0	0.0	14	5	35.7
<b>Total</b>	<b>40,609</b>	<b>36,221</b>	<b>89.2</b>	<b>75</b>	<b>45</b>	<b>60.0</b>	<b>445</b>	<b>329</b>	<b>73.9</b>	<b>1,375</b>	<b>1,190</b>	<b>86.5</b>	<b>3,430</b>	<b>3,218</b>	<b>93.8</b>	<b>32,536</b>	<b>31,435</b>	<b>96.6</b>

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	375	323	86.1	1	0	0.0	16	8	50.0	66	54	81.8	236	214	90.7	54	47	87.0
16 - 20	4,773	4,517	94.6	7	5	71.4	74	50	67.6	229	187	81.7	468	431	92.1	3,985	3,844	96.5
21 - 24	4,222	4,019	95.2	7	6	85.7	35	23	65.7	138	122	88.4	325	301	92.6	3,704	3,567	96.3
25 - 64	24,357	23,274	95.6	41	23	56.1	270	201	74.4	755	652	86.4	1,988	1,874	94.3	21,244	20,522	96.6
65 +	4,208	4,081	97.0	19	11	57.9	50	47	94.0	187	175	93.6	407	394	96.8	3,536	3,453	97.7
Unknown	2,674	7	0.3	0	0	0.0	0	0	0.0	0	0	0.0	6	4	66.7	13	2	15.4
<b>Total</b>	<b>40,609</b>	<b>36,221</b>	<b>89.2</b>	<b>75</b>	<b>45</b>	<b>60.0</b>	<b>445</b>	<b>329</b>	<b>73.9</b>	<b>1,375</b>	<b>1,190</b>	<b>86.5</b>	<b>3,430</b>	<b>3,218</b>	<b>93.8</b>	<b>32,536</b>	<b>31,435</b>	<b>96.6</b>

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	175	0	28	143	0	23	126	0	21	80	0	11	81	1	13
Shoulder belt only used	182	0	17	61	0	7	246	0	34	180	0	31	157	0	18
Lap belt only used	156	0	16	137	2	16	132	0	14	113	0	12	94	1	12
Both lap & shoulder belts used	33,598	28	3,185	33,582	19	3,208	35,267	25	3,593	34,638	17	3,604	34,711	30	3,513
No belts used	285	7	89	304	8	78	256	15	78	235	12	89	234	13	91
Child restraint used	0	0	0	2	0	0	5	0	1	3	0	0	0	0	0
Child restraint not used, unavailable or improper use	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Restraint failure	8	0	0	13	0	3	15	0	1	9	0	3	12	0	1
Restraint use unknown	773	5	78	749	3	103	2,295	5	123	2,984	4	138	3,195	2	139
Helmet worn	177	3	127	205	5	141	180	9	135	179	11	120	162	7	115
Helmet not worn	103	8	70	127	5	99	145	12	106	136	5	108	128	3	95
Helmet use unknown	21	1	7	25	1	12	25	0	15	20	1	12	11	1	6
Uncoded & errors	2,379	0	4	2,429	0	2	1,358	0	2	674	0	1	560	0	0
<b>Total</b>	<b>37,858</b>	<b>52</b>	<b>3,621</b>	<b>37,778</b>	<b>43</b>	<b>3,692</b>	<b>40,050</b>	<b>66</b>	<b>4,123</b>	<b>39,251</b>	<b>50</b>	<b>4,129</b>	<b>39,345</b>	<b>58</b>	<b>4,003</b>

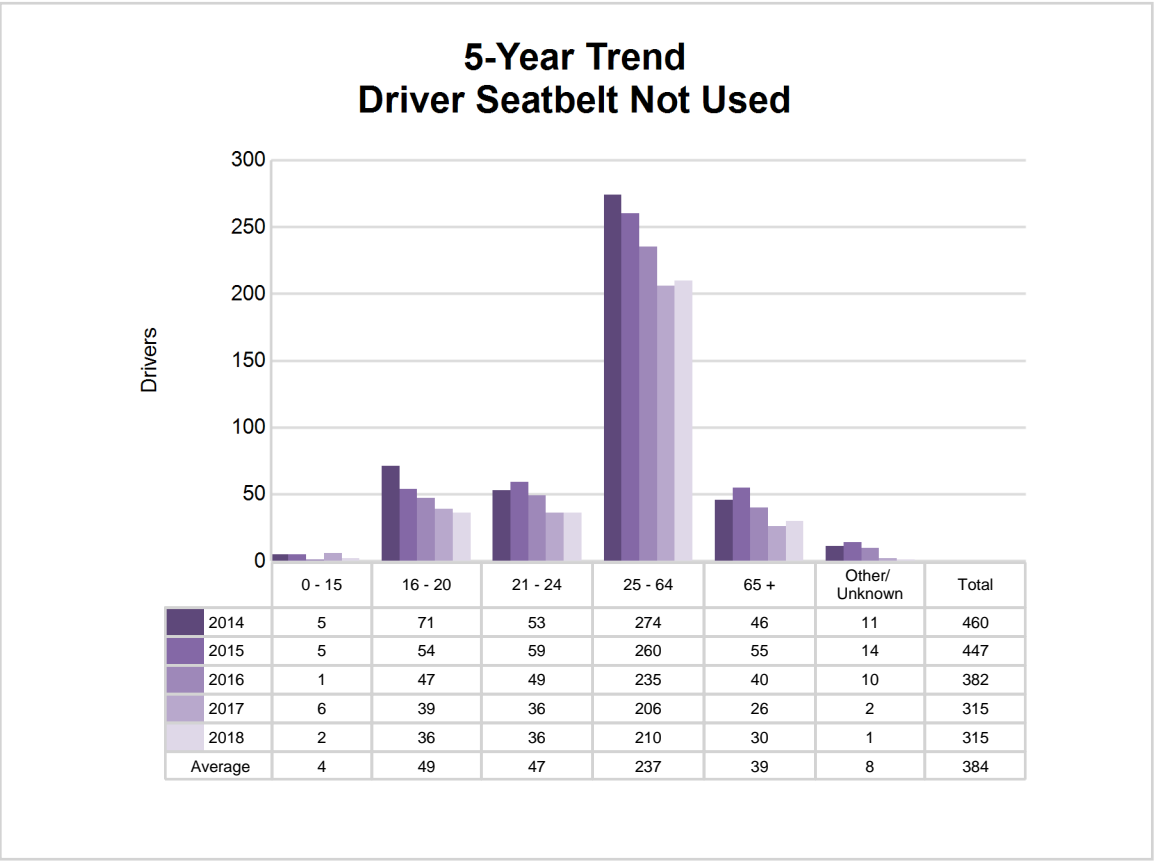
## 5-Year Trend - Restraint Use Among Drivers Coded Drinking

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	5	0	2	5	0	2	3	0	2	1	0	0	1	0	1
Shoulder belt only used	4	0	3	0	0	0	5	0	1	1	0	1	3	0	1
Lap belt only used	5	0	1	3	2	1	2	0	0	3	0	2	1	0	0
Both lap & shoulder belts used	489	6	119	491	3	158	555	3	181	573	6	194	547	2	188
No belts used	35	1	22	33	4	18	33	4	21	52	5	32	40	4	27
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	0	0	0	0	0	0	0	0	0	0	0	0	0
Restraint failure	3	0	0	1	0	1	0	0	0	0	0	0	1	0	1
Restraint use unknown	113	3	33	115	0	41	127	0	44	153	3	53	148	1	51
Helmet worn	5	0	3	9	0	8	4	2	2	8	3	5	6	3	2
Helmet not worn	11	1	8	20	1	16	19	2	15	15	1	14	12	1	11
Helmet use unknown	1	0	1	2	1	1	1	0	0	2	0	2	1	0	0
Uncoded & errors	2	0	0	0	0	0	2	0	0	0	0	0	0	0	0
<b>Total</b>	<b>674</b>	<b>11</b>	<b>192</b>	<b>679</b>	<b>11</b>	<b>246</b>	<b>751</b>	<b>11</b>	<b>266</b>	<b>808</b>	<b>18</b>	<b>303</b>	<b>760</b>	<b>11</b>	<b>282</b>

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	5	0	1	5	0	2	1	0	1	6	0	3	2	0	0
16 - 20	71	1	22	54	0	15	47	1	16	39	1	11	36	0	14
21 - 24	53	1	13	59	0	17	49	3	14	36	2	13	36	1	13
25 - 64	274	4	67	260	7	59	235	7	56	206	9	68	210	9	68
65 +	46	1	14	55	1	8	40	4	12	26	0	5	30	4	9
Unknown	11	0	0	14	0	0	10	0	0	2	0	0	1	0	0
Total	460	7	117	447	8	101	382	15	99	315	12	100	315	14	104

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

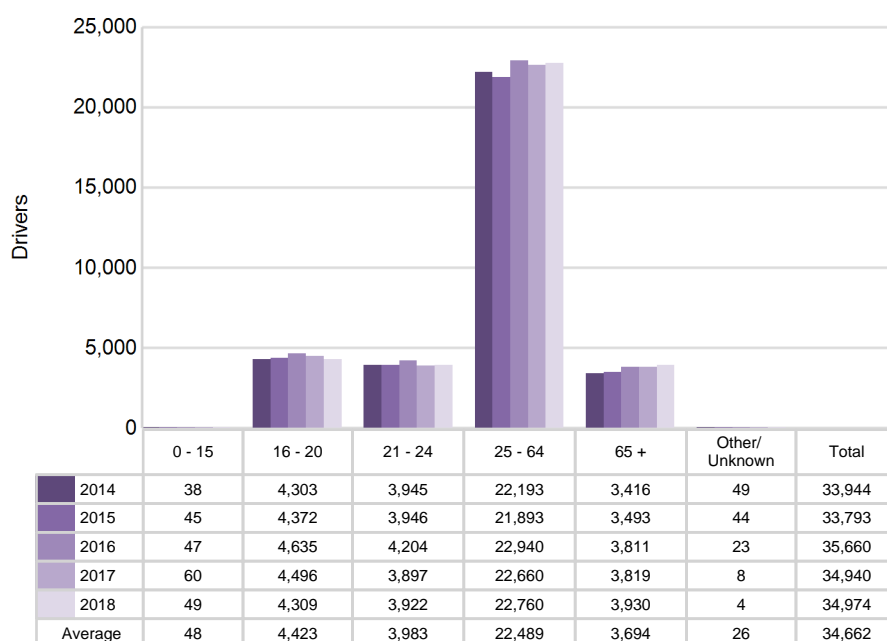


## 5-Year Trend - Seatbelt Used Among Drivers by Age

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	38	0	5	45	0	5	47	0	3	60	0	9	49	0	3
16 - 20	4,303	3	417	4,372	3	477	4,635	4	492	4,496	0	503	4,309	4	468
21 - 24	3,945	1	400	3,946	4	348	4,204	2	402	3,897	0	398	3,922	4	355
25 - 64	22,193	16	2,038	21,893	11	2,042	22,940	15	2,312	22,660	14	2,289	22,760	15	2,242
65 +	3,416	8	358	3,493	3	362	3,811	4	433	3,819	3	451	3,930	8	475
Unknown	49	0	0	44	0	0	23	0	0	8	0	0	4	0	1
<b>Total</b>	<b>33,944</b>	<b>28</b>	<b>3,218</b>	<b>33,793</b>	<b>21</b>	<b>3,234</b>	<b>35,660</b>	<b>25</b>	<b>3,642</b>	<b>34,940</b>	<b>17</b>	<b>3,650</b>	<b>34,974</b>	<b>31</b>	<b>3,544</b>

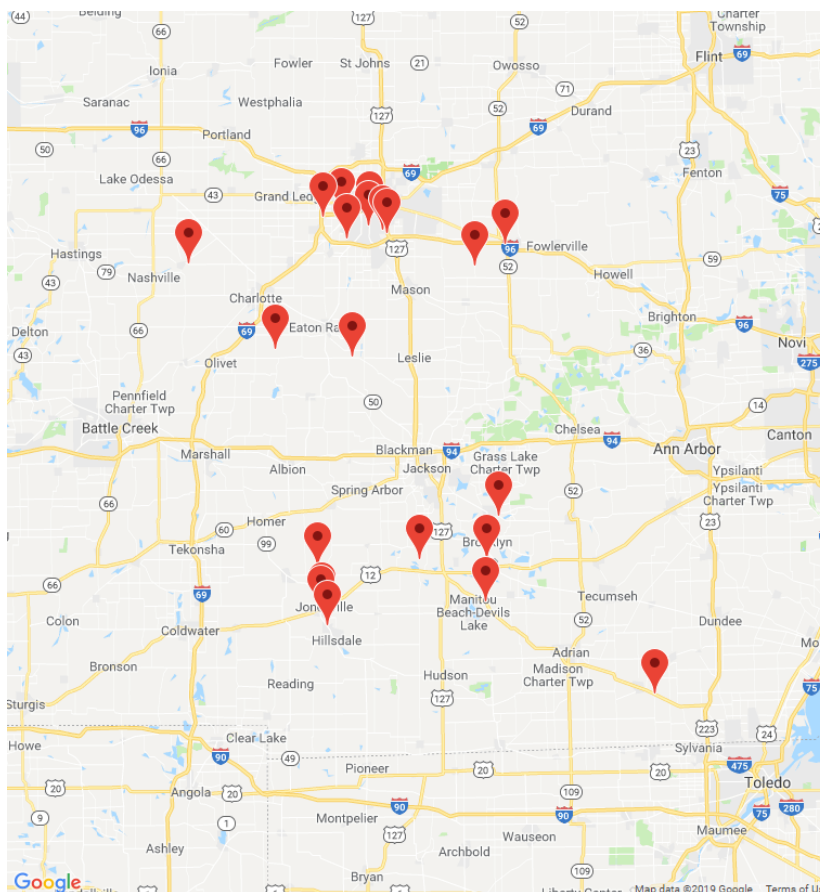
Note: Seatbelt Used includes shoulder belt only used, lap belt only used, both lap and shoulder belts used, and restraint failure.

## 5-Year Trend Driver Seatbelt Used



## 5-Year Trend - Drivers in Crashes by Hazardous Action

Hazardous Action	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	20,778	44	20,945	42	21,569	59	20,858	43	21,279	55
Speed too fast	2,951	16	2,353	13	2,393	24	2,380	16	2,461	18
Speed too slow	35	0	33	0	25	0	22	0	31	0
Failed to yield	3,445	10	3,365	5	3,650	9	3,642	11	3,532	11
Disregard traffic control	748	9	825	3	858	5	827	4	877	6
Drove wrong way	45	2	42	1	36	0	30	2	28	0
Drove left of center	153	6	171	5	164	3	146	3	178	4
Improper passing	166	1	176	0	185	1	187	1	185	0
Improper lane use	775	1	761	1	931	0	887	0	837	1
Improper turn	402	0	403	0	393	1	416	1	417	0
Improper/no signal	50	0	54	0	45	0	28	0	31	0
Improper backing	679	0	652	0	700	0	683	0	620	0
Unable to stop in assured clear distance	4,366	2	4,477	3	5,090	8	4,895	5	4,594	5
Other	967	1	954	2	968	3	1,057	3	1,084	4
Unknown	1,025	7	1,145	12	1,214	11	1,464	15	1,569	12
Reckless driving	173	3	202	0	186	2	219	2	177	2
Careless/negligent driving	958	7	995	8	987	8	822	2	810	9
Uncoded & errors	142	2	225	0	656	3	688	0	635	0
<b>Total</b>	<b>37,858</b>	<b>111</b>	<b>37,778</b>	<b>95</b>	<b>40,050</b>	<b>137</b>	<b>39,251</b>	<b>108</b>	<b>39,345</b>	<b>127</b>



The picture above represents all 2018 alcohol-involved fatal crashes in TSN Capital Area.

In 2018, there were 777 alcohol-involved crashes in TSN Capital Area:

21 K - Fatal Crashes

73 A - Suspected Serious Injury Crashes

113 B - Suspected Minor Injury Crashes

151 C - Possible Injury Crashes

419 O - Property Damage Only/No Injury Crashes

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