MICHIGAN

OHSP

Office of Highway Safety Planning

2018

MTCF
Michigan Traffic
Crash Facts

Michigan Traffic Crash Facts

Kent County

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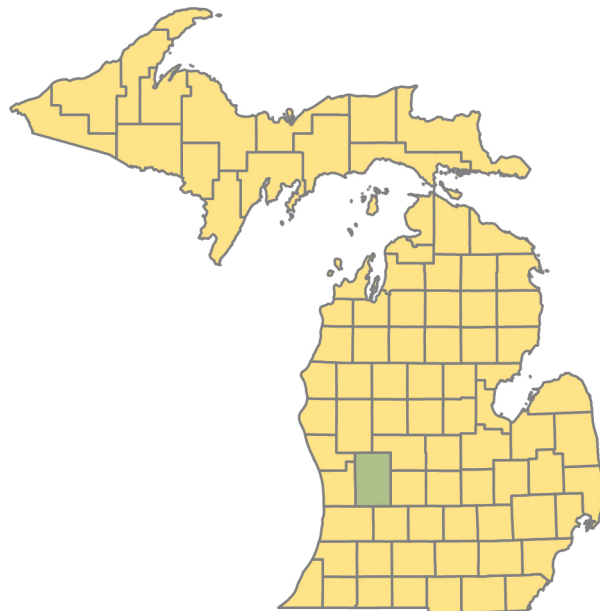
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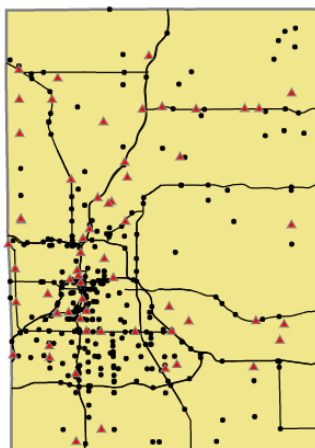
Kent County

Crashes by most severe injury (mapped/actual)
▲ K - Fatal (61/61)
● A - Suspected Serious (341/343)

Kent County

In 2018:

There were 41,081 drivers involved in 22,307 motor vehicle crashes in Kent County. Of those crashes, 61 were classified as fatal, resulting in 65 fatalities. An additional 5,453 persons were injured.

Kent County experienced the highest number of motor vehicle crashes (2,361) in November, the highest number of fatal crashes (9) in May, August, and September, and the highest number of persons killed (10) in January and May.

Michigan driver statistics indicate 6.7 percent of licensed drivers in Kent County were age 16-20, and 10.5 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	2,096	8	301	1,787	10	395
February	1,791	3	271	1,517	4	355
March	1,513	2	260	1,251	2	344
April	1,749	5	353	1,391	5	476
May	1,758	9	371	1,378	10	517
June	1,698	4	349	1,345	4	476
July	1,571	4	309	1,258	4	423
August	1,712	9	369	1,334	9	536
September	1,772	9	360	1,403	9	495
October	2,302	2	412	1,888	2	519
November	2,361	2	348	2,011	2	481
December	1,984	4	325	1,655	4	436
Total	22,307	61	4,028	18,218	65	5,453

2018 - Driver Statistics

Age Group	Kent County			Driver Rates	
	2018 Population	Licensed Drivers	Drivers in Crashes	Per 10k Population	Per 10k Licensed
0 - 15	140,184	3,592	58	4.1	161.5
16 - 20	42,582	30,924	4,303	1,010.5	1,391.5
21 - 24	36,930	33,440	4,322	1,170.3	1,292.5
25 - 64	344,794	313,777	24,745	717.7	788.6
65 +	89,296	78,664	3,378	378.3	429.4
Unknown	0	0	4,275	- -	- -
Total	653,786	460,397	41,081	628.4	892.3

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	34,632	84.3	79	76.7	6,594	27,959
Motor home	72	0.2	1	1.0	14	57
Pickup truck	3,542	8.6	7	6.8	643	2,892
Small truck under 10,000 lbs. GVWR	194	0.5	1	1.0	25	168
Motorcycle	181	0.4	9	8.7	139	33
Moped / goped	43	0.1	0	0.0	35	8
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	2	0.0	0	0.0	0	2
Other	118	0.3	0	0.0	14	104
Truck/bus over 10,000 lbs.	1,166	2.8	5	4.9	196	965
Unknown	1,128	2.7	1	1.0	84	1,043
Total	41,081	100.0	103	100.0	7,744	33,234

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	2,790	0	2,149	8	1,977	2	1,941	4	2,096	8
February	2,314	4	1,924	4	1,625	4	1,542	6	1,791	3
March	1,584	5	1,476	1	1,636	3	1,750	9	1,513	2
April	1,102	7	1,259	2	1,549	7	1,582	4	1,749	5
May	1,467	7	1,559	7	1,739	2	1,775	5	1,758	9
June	1,418	3	1,571	4	1,643	3	1,758	6	1,698	4
July	1,317	9	1,461	1	1,575	4	1,679	2	1,571	4
August	1,477	4	1,453	14	1,811	4	1,707	7	1,712	9
September	1,513	6	1,628	2	1,894	7	1,744	8	1,772	9
October	1,822	6	2,075	8	2,061	7	2,338	4	2,302	2
November	2,277	2	1,882	6	2,087	6	1,945	9	2,361	2
December	1,539	0	1,957	4	2,586	6	2,951	1	1,984	4
Total	**20,620**	**53**	**20,394**	**61**	**22,183**	**55**	**22,712**	**65**	**22,307**	**61**

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	2,920	4	2,995	6	3,081	7	3,209	5	3,465	6
Tuesday	3,222	5	3,128	9	3,270	6	3,415	13	3,561	8
Wednesday	3,505	10	3,194	8	3,534	9	3,588	11	3,473	9
Thursday	3,344	9	3,103	6	3,582	8	3,544	11	3,180	8
Friday	3,319	7	3,525	12	3,896	8	3,937	8	3,793	7
Saturday	2,460	9	2,626	8	2,726	9	2,985	12	2,695	7
Sunday	1,850	9	1,823	12	2,094	8	2,034	5	2,140	16
Total	**20,620**	**53**	**20,394**	**61**	**22,183**	**55**	**22,712**	**65**	**22,307**	**61**

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

Kent County (continued)
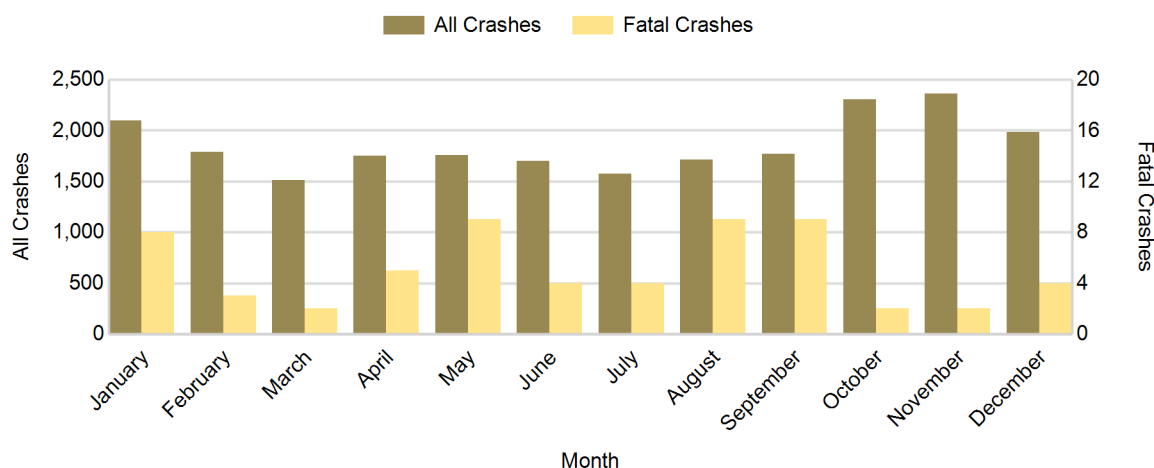
2018 - Crashes by Day of Week

Day	All Crashes		Fatal Crashes		Injury Crashes			PDO Crashes
	Number	% of Total	Number	% of Fatal	A	B	C	Number
Monday	3,465	15.5	6	9.8	41	136	420	2,862
Tuesday	3,561	16.0	8	13.1	43	126	501	2,883
Wednesday	3,473	15.6	9	14.8	53	146	379	2,886
Thursday	3,180	14.3	8	13.1	50	149	362	2,611
Friday	3,793	17.0	7	11.5	57	188	452	3,089
Saturday	2,695	12.1	7	11.5	61	119	344	2,164
Sunday	2,140	9.6	16	26.2	38	121	242	1,723
Total	**22,307**	**100.0**	**61**	**100.0**	**343**	**985**	**2,700**	**18,218**

2018 Day of Week and Severity

Kent County (continued)
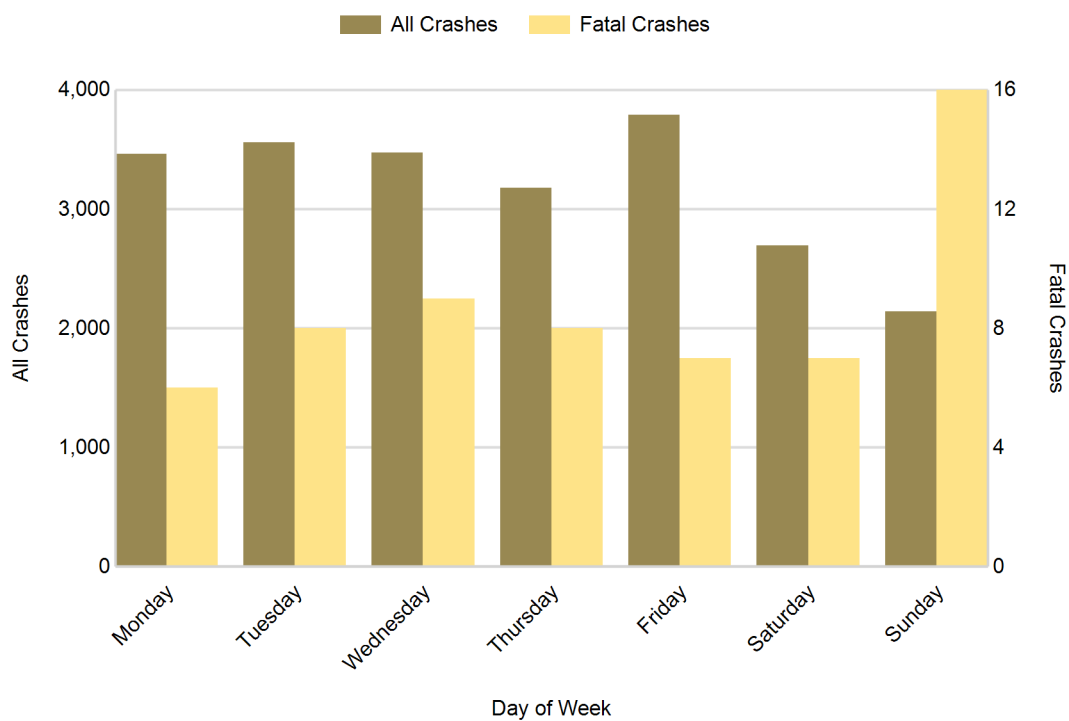
5-Year Trend - Crashes by Weekday and Weekend

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	16,310	35	15,945	41	17,363	38	17,693	48	17,472	38
Weekend	4,310	18	4,449	20	4,820	17	5,019	17	4,835	23
Total	**20,620**	**53**	**20,394**	**61**	**22,183**	**55**	**22,712**	**65**	**22,307**	**61**

5-Year Crash Trends by Weekday (Monday - Friday) and Weekend (Saturday & Sunday)
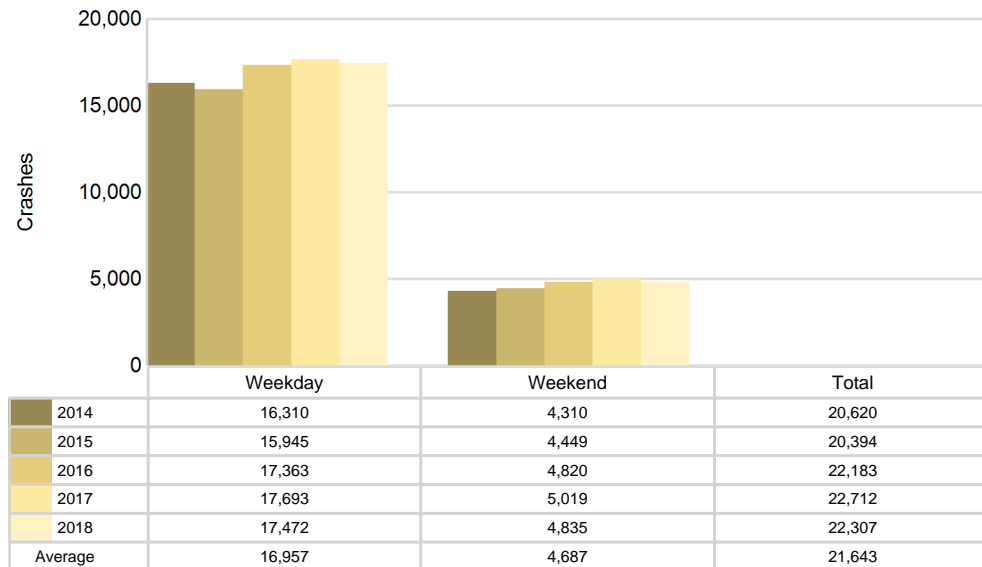
	Weekday	Weekend	Total
2014	16,310	4,310	20,620
2015	15,945	4,449	20,394
2016	17,363	4,820	22,183
2017	17,693	5,019	22,712
2018	17,472	4,835	22,307
Average	16,957	4,687	21,643

5-Year Trend - Crashes by Time of Day

Time of Day	2014 Total Crashes	2014 Fatal Crashes	2015 Total Crashes	2015 Fatal Crashes	2016 Total Crashes	2016 Fatal Crashes	2017 Total Crashes	2017 Fatal Crashes	2018 Total Crashes	2018 Fatal Crashes
Midnight - 2:59 AM	1,028	4	997	7	1,041	5	1,032	5	1,027	11
3:00 AM - 5:59 AM	817	3	732	7	747	7	872	3	909	4
6:00 AM - 8:59 AM	3,107	10	2,951	8	3,267	7	3,498	8	3,635	4
9:00 AM - 11:59 AM	2,831	5	2,552	5	2,703	4	2,921	5	2,810	6
Noon - 2:59 PM	3,591	4	3,642	7	3,849	6	3,854	8	3,888	12
3:00 PM - 5:59 PM	4,931 †	11	5,152 †	11	5,661 †	15	5,631 †	11	5,333 †	13
6:00 PM - 8:59 PM	2,642	7	2,695	7	3,006	2	3,128	13	2,939	6
9:00 PM - 11:59 PM	1,642	9	1,653	8	1,877	9	1,736	12	1,746	5
Unknown	31	0	20	1	32	0	40	0	20	0
Total	**20,620**	**53**	**20,394**	**61**	**22,183**	**55**	**22,712**	**65**	**22,307**	**61**

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 Time of Day

	Midnight - 2:59 AM	3:00 AM - 5:59 AM	6:00 AM - 8:59 AM	9:00 AM - 11:59 AM	Noon - 2:59 PM	3:00 PM - 5:59 PM	6:00 PM - 8:59 PM	9:00 PM - 11:59 PM	Unknown	Total
2014	1,028	817	3,107	2,831	3,591	4,931	2,642	1,642	31	20,620
2015	997	732	2,951	2,552	3,642	5,152	2,695	1,653	20	20,394
2016	1,041	747	3,267	2,703	3,849	5,661	3,006	1,877	32	22,183
2017	1,032	872	3,498	2,921	3,854	5,631	3,128	1,736	40	22,712
2018	1,027	909	3,635	2,810	3,888	5,333	2,939	1,746	20	22,307
Average	1,025	815	3,292	2,763	3,765	5,342	2,882	1,731	29	21,643

5-Year Trend
Fatal Crashes by Time of Day

	Midnight - 2:59 AM	3:00 AM - 5:59 AM	6:00 AM - 8:59 AM	9:00 AM - 11:59 AM	Noon - 2:59 PM	3:00 PM - 5:59 PM	6:00 PM - 8:59 PM	9:00 PM - 11:59 PM	Unknown	Total
2014	4	3	10	5	4	11	7	9	0	53
2015	7	7	8	5	7	11	7	8	1	61
2016	5	7	7	4	6	15	2	9	0	55
2017	5	3	8	5	8	11	13	12	0	65
2018	11	4	4	6	12	13	6	5	0	61
Average	6	5	7	5	7	12	7	9	0	59

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	1,027	4.6	11	18.0	29	62	109	816
3:00 AM	- 5:59 AM	909	4.1	4	6.6	18	52	84	751
6:00 AM	- 8:59 AM	3,635	16.3	4	6.6	47	119	371	3,094
9:00 AM	- 11:59 AM	2,810	12.6	6	9.8	44	99	340	2,321
Noon	- 2:59 PM	3,888	17.4	12	19.7	41	185	537	3,113
3:00 PM	- 5:59 PM	5,333	23.9	13	21.3	69	241	711	4,299
6:00 PM	- 8:59 PM	2,939	13.2	6	9.8	51	148	332	2,402
9:00 PM	- 11:59 PM	1,746	7.8	5	8.2	44	79	216	1,402
Unknown		20	0.1	0	0.0	0	0	0	20
Total		**22,307**	**100.0**	**61**	**100.0**	**343**	**985**	**2,700**	**18,218**

2018 Time and Severity
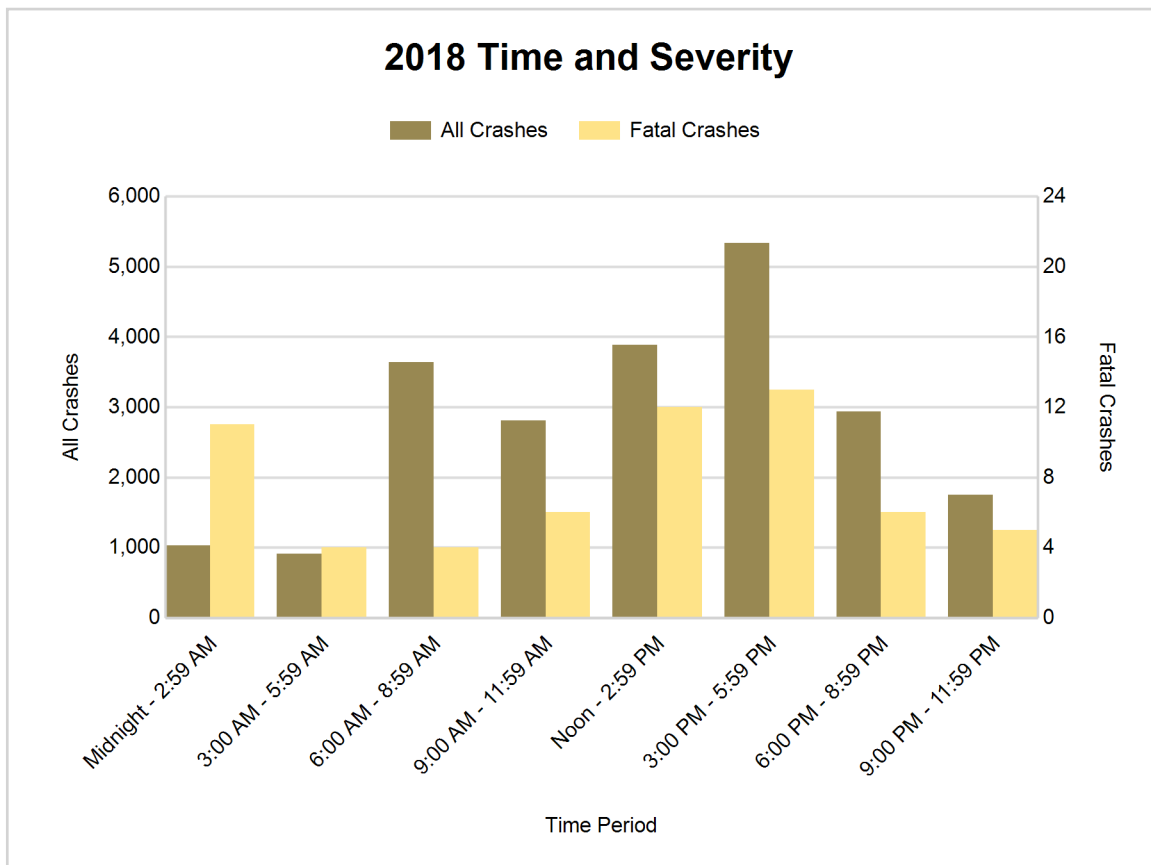
5-Year Trend - Deer-Involved Crashes by Time of Day

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	113	0	100	0	117	0	128	0	144	0
3:00 AM - 5:59 AM	168	0	171	0	165	0	192	0	252	0
6:00 AM - 8:59 AM	279	0	374	0	355	0	360	1	447	0
9:00 AM - 11:59 AM	68	0	85	0	81	0	89	0	92	0
Noon - 2:59 PM	61	0	62	0	63	0	69	0	71	0
3:00 PM - 5:59 PM	105	0	110	0	96	0	137	1	133	0
6:00 PM - 8:59 PM	287	0	368	0	330	0	340	0	408	0
9:00 PM - 11:59 PM	257	0	258	0	274	0	257	0	290	0
Unknown	0	0	0	0	0	0	0	0	0	0
Total	**1,338**	**0**	**1,528**	**0**	**1,481**	**0**	**1,572**	**2**	**1,837**	**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
Deer-Involved Crashes by Time of Day

	Midnight - 2:59 AM	3:00 AM - 5:59 AM	6:00 AM - 8:59 AM	9:00 AM - 11:59 AM	Noon - 2:59 PM	3:00 PM - 5:59 PM	6:00 PM - 8:59 PM	9:00 PM - 11:59 PM	Unknown	Total
2014	113	168	279	68	61	105	287	257	0	1,338
2015	100	171	374	85	62	110	368	258	0	1,528
2016	117	165	355	81	63	96	330	274	0	1,481
2017	128	192	360	89	69	137	340	257	0	1,572
2018	144	252	447	92	71	133	408	290	0	1,837
Average	120	190	363	83	65	116	347	267	0	1,551
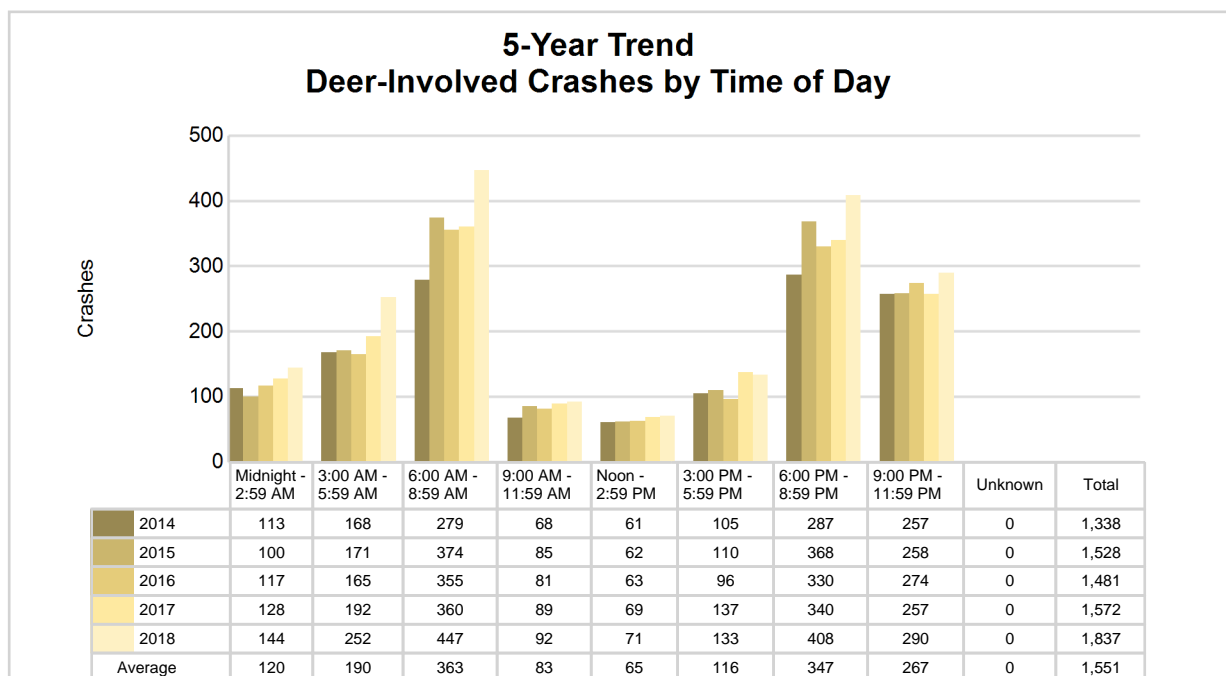
2018 Time and Severity of Deer-Involved Crashes
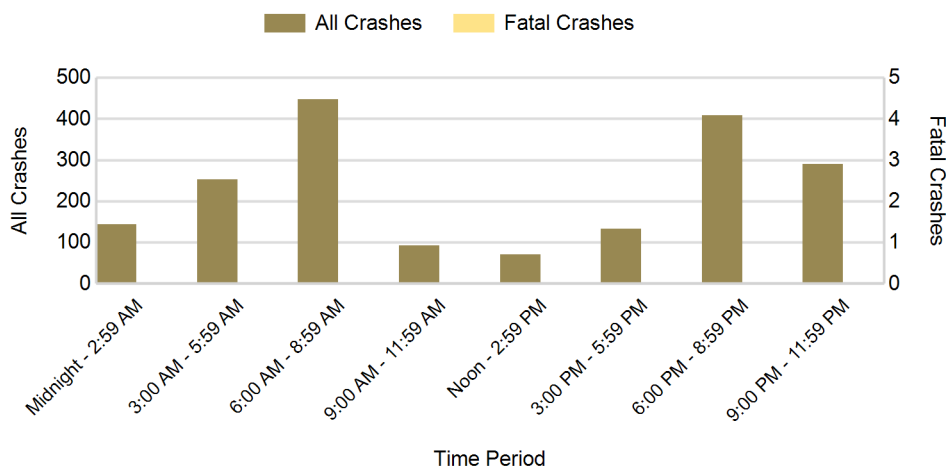
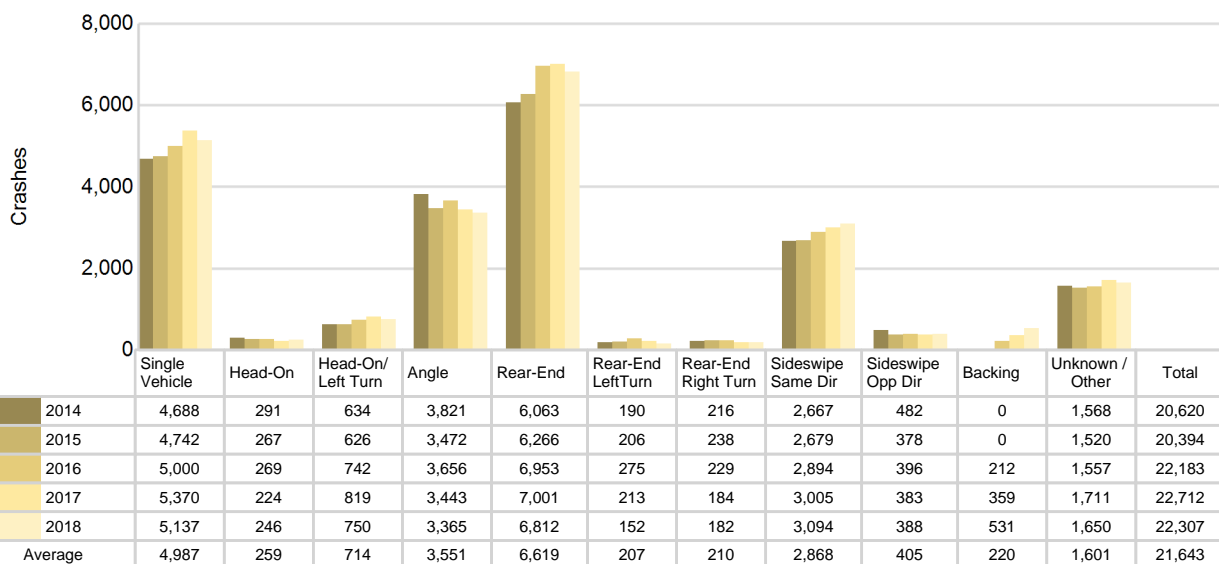There were no fatal deer-involved crashes in Kent County in 2018

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	4,688	17	4,742	31	5,000	21	5,370	27	5,137	25
Head-on	291	9	267	11	269	6	224	7	246	5
Head-on / left turn	634	2	626	0	742	6	819	3	750	3
Angle	3,821	17	3,472	10	3,656	17	3,443	13	3,365	17
Rear-end	6,063	2	6,266	2	6,953	2	7,001	8	6,812	7
Rear-end left turn	190	0	206	1	275	0	213	1	152	1
Rear-end right turn	216	0	238	0	229	0	184	0	182	0
Sideswipe same direction	2,667	1	2,679	0	2,894	0	3,005	3	3,094	1
Sideswipe opposite direction	482	0	378	0	396	1	383	0	388	0
Backing	0	0	0	0	212	0	359	0	531	0
Other / Unknown	1,568	5	1,520	6	1,557	2	1,711	3	1,650	2
Uncoded and Errors	0	0	0	0	0	0	0	0	0	0
Total	**20,620**	**53**	**20,394**	**61**	**22,183**	**55**	**22,712**	**65**	**22,307**	**61**

5-Year Trend
Crashes by Crash Type

	Single Vehicle	Head-On	Head-On/ Left Turn	Angle	Rear-End	Rear-End LeftTurn	Rear-End Right Turn	Sideswipe Same Dir	Sideswipe Opp Dir	Backing	Unknown / Other	Total
2014	4,688	291	634	3,821	6,063	190	216	2,667	482	0	1,568	20,620
2015	4,742	267	626	3,472	6,266	206	238	2,679	378	0	1,520	20,394
2016	5,000	269	742	3,656	6,953	275	229	2,894	396	212	1,557	22,183
2017	5,370	224	819	3,443	7,001	213	184	3,005	383	359	1,711	22,712
2018	5,137	246	750	3,365	6,812	152	182	3,094	388	531	1,650	22,307
Average	4,987	259	714	3,551	6,619	207	210	2,868	405	220	1,601	21,643

Kent 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
Ada Twp.	332	1	38	293	0	0	114	218	12	3	110	1	53
Algoma Twp.	363	2	62	299	0	162	17	184	17	2	87	2	92
Alpine Twp.	313	3	75	235	0	0	185	128	15	4	40	4	119
Bowne Twp.	64	0	13	51	0	0	29	35	2	0	36	0	21
Byron Twp.	742	1	131	610	0	265	94	383	22	5	86	1	176
Caledonia	69	0	12	57	0	0	59	10	2	0	1	0	15
Caledonia Twp.	383	0	66	317	0	0	207	176	12	3	87	0	80
Cannon Twp.	209	0	27	182	0	0	73	136	6	0	76	0	34
Cascade Twp.	763	3	110	650	252	0	148	363	16	5	110	3	143
Casnovia	7	0	2	5	0	0	2	5	1	0	4	0	3
Cedar Springs	82	0	16	66	0	0	0	81	3	4	6	0	24
Courtland Twp.	196	3	35	158	0	0	53	143	5	3	59	3	50
East Grand Rapids	156	0	24	132	0	0	0	156	7	2	0	0	28
Gaines Twp.	550	1	114	435	0	0	92	458	21	6	62	1	162
Grand Rapids	8,559	10	1,418	7,131	1,320	1,039	1,257	4,933	370	61	90	12	1,823
Grand Rapids Twp.	607	0	89	518	159	0	210	237	8	3	69	0	111
Grandville	808	1	166	641	217	0	80	509	14	5	19	1	229
Grattan Twp.	126	1	24	101	0	0	39	87	7	0	69	1	35
Kent City	30	0	5	25	0	0	24	6	0	0	4	0	8
Kentwood	1,356	2	351	1,003	21	0	342	992	48	7	58	2	509
Lowell	111	0	18	93	0	0	72	39	4	1	7	0	27
Lowell Twp.	249	4	36	209	107	0	44	98	8	1	70	4	45
Nelson Twp.	136	0	23	113	0	37	0	99	6	0	55	0	29
Oakfield Twp.	131	3	30	98	0	0	58	73	8	3	46	4	44
Plainfield Twp.	1,086	7	199	880	0	243	186	656	36	13	121	7	271
Rockford	152	0	21	131	0	0	0	152	5	1	39	0	23
Sand Lake	11	0	3	8	0	0	0	11	0	0	1	0	3
Solon Twp.	238	1	40	197	0	86	59	93	12	4	69	1	55
Sparta	43	0	7	36	0	0	0	43	1	0	3	0	10
Sparta Twp.	191	3	39	149	0	0	64	127	10	3	59	3	63
Spencer Twp.	86	0	20	66	0	0	0	86	11	1	32	0	23
Tyrone Twp.	105	2	26	77	0	0	28	77	8	0	36	2	34
Vergennes Twp.	128	0	19	109	0	0	0	128	4	1	62	0	27
Walker	1,447	6	276	1,165	359	48	642	395	51	12	105	6	404
Wyoming	2,478	7	493	1,978	150	417	394	1,516	103	14	59	7	680
Unknown Community	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	**22,307**	**61**	**4,028**	**18,218**	**2,585**	**2,297**	**4,572**	**12,833**	**855**	**167**	**1,837**	**65**	**5,453**

Kent County (continued)

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	69	1	51	1	60	1	67	0	58	0
16 - 20	4,114	60	4,137	50	4,678	34	4,600	48	4,303	52
21 - 24	4,368	148	4,321	167	4,749	162	4,651	152	4,322	137
25 - 64	22,612	526	22,165	554	24,276	575	24,847	623	24,745	625
65 +	2,726	17	2,814	14	3,106	17	3,182	29	3,378	24
Unknown	4,056	5	4,015	8	4,275	1	4,537	0	4,275	0
Total	37,945	757	37,503	794	41,144	790	41,884	852	41,081	838

5-Year Trend
Total Drivers in Crashes by Age

	0 - 15	16 - 20	21 - 24	25 - 64	65 +	Unknown	Total
2014	69	4,114	4,368	22,612	2,726	4,056	37,945
2015	51	4,137	4,321	22,165	2,814	4,015	37,503
2016	60	4,678	4,749	24,276	3,106	4,275	41,144
2017	67	4,600	4,651	24,847	3,182	4,537	41,884
2018	58	4,303	4,322	24,745	3,378	4,275	41,081
Average	61	4,366	4,482	23,729	3,041	4,232	39,911

5-Year Trend
Total Drivers Coded Drinking by Age

	0 - 15	16 - 20	21 - 24	25 - 64	65 +	Unknown	Total
2014	1	60	148	526	17	5	757
2015	1	50	167	554	14	8	794
2016	1	34	162	575	17	1	790
2017	0	48	152	623	29	0	852
2018	0	52	137	625	24	0	838
Average	1	49	153	581	20	3	806

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	3	0	0	0	0	0	0	0	0
16 - 20	93	57	41	52	0	5	18	9	20
21 - 24	168	142	119	137	0	10	45	44	38
25 - 64	875	610	499	625	1	38	166	181	239
65 +	43	36	22	24	0	1	10	7	6
Unknown	195	0	0	0	0	0	0	0	0
Total	1,377	845	681	838	1	54	239	241	303

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 1,377 drivers in alcohol-involved crashes; 838 (60.9%) of those drivers were coded as had-been-drinking by the officer on the crash form.

- 480 (57.3%) of the 838 drivers had a blood alcohol concentration (BAC) of 0.08 g/dL (grams per deciliter) or greater, and 241 (50.2%) of the 480 drivers had a BAC at or above 0.17 g/dL.

- 681 (81.3%) of the 838 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	20,620	775	3.8	53	16	30.2	221	39	17.6	728	94	12.9
2015	20,394	817	4.0	61	19	31.1	262	52	19.8	752	94	12.5
2016	22,183	806	3.6	55	13	23.6	352	56	15.9	957	96	10.0
2017	22,712	885	3.9	65	22	33.8	371	68	18.3	964	115	11.9
2018	22,307	855	3.8	61	20	32.8	343	73**	21.3**	985**	95	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

5-Year Trend Crashes Involving Alcohol
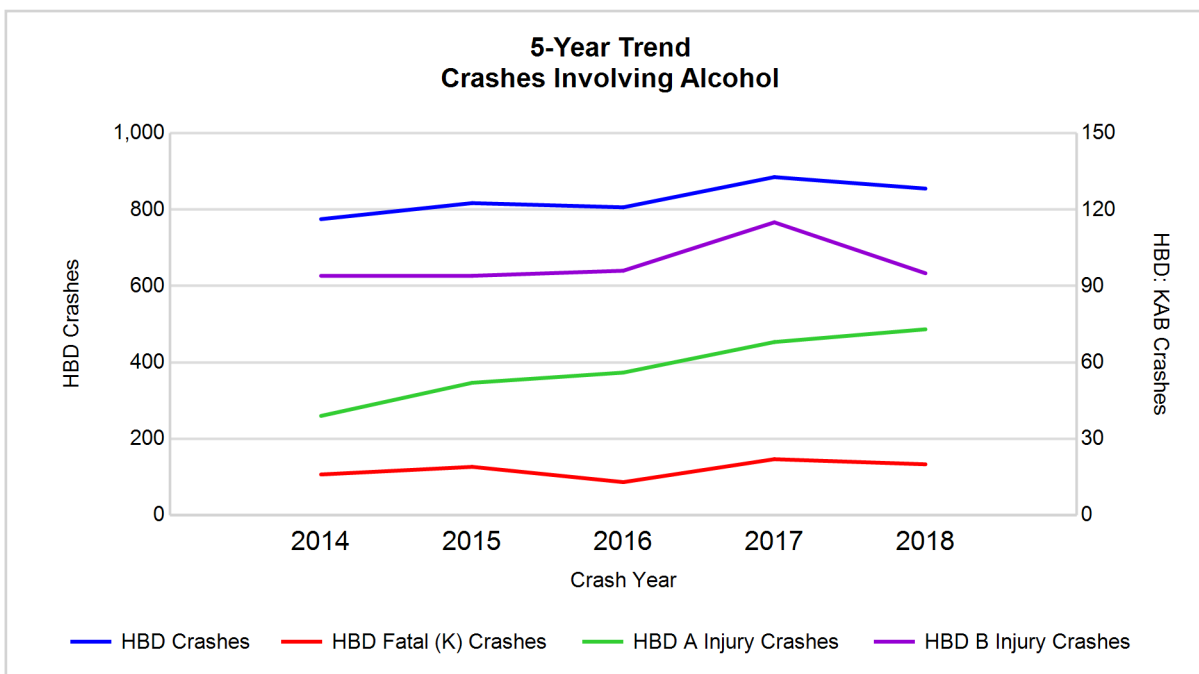
Note: Had-Been-Drinking (HBD)

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	20,620	79	0.4	53	6	11.3	221	6	2.7	728	9	1.2
2015	20,394	94	0.5	61	8	13.1	262	9	3.4	752	12	1.6
2016	22,183	147	0.7	55	11	20.0	352	12	3.4	957	17	1.8
2017	22,712	173	0.8	65	16	24.6	371	20	5.4	964	19	2.0
2018	22,307	167	0.7	61	14	23.0	343	20	5.8**	985**	18	1.8

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
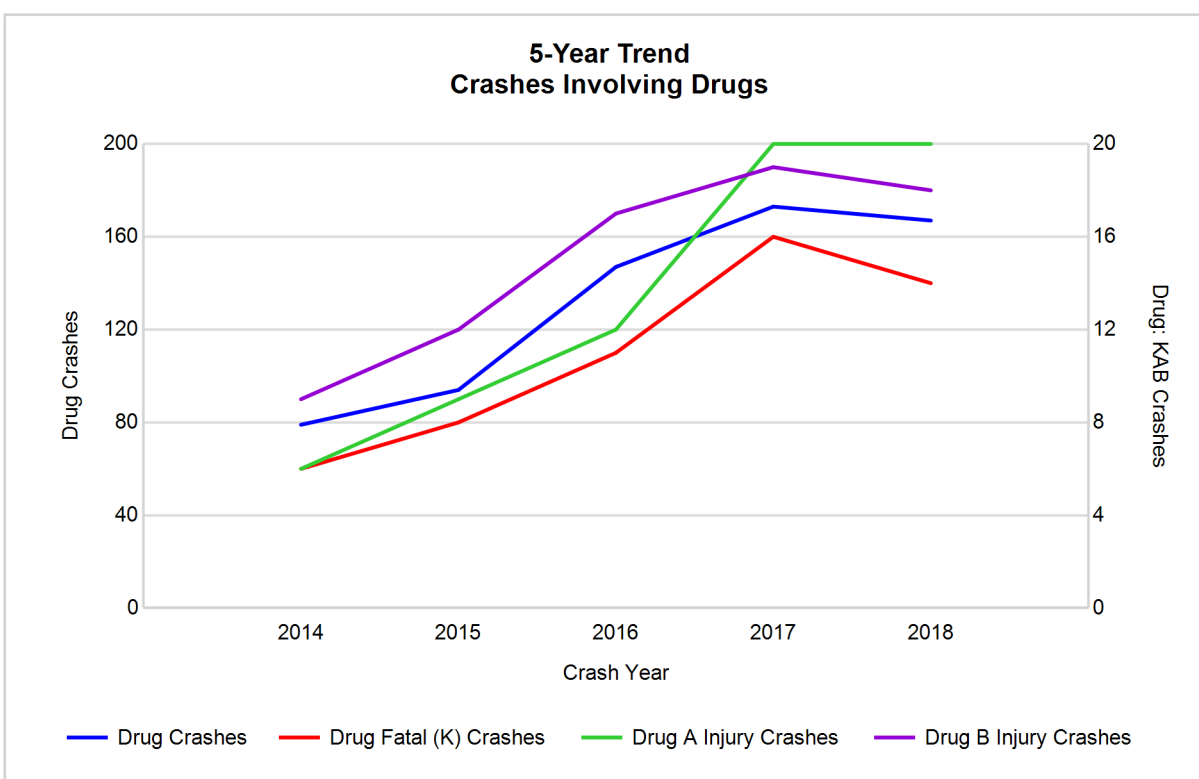

5-Year Trend
Crashes Involving Drugs

Kent County (continued)

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	20,620	816	4.0	53	21	39.6	221	43	19.5	728	100	13.7
2015	20,394	865	4.2	61	22	36.1	262	55	21.0	752	102	13.6
2016	22,183	887	4.0	55	19	34.5	352	62	17.6	957	105	11.0
2017	22,712	977	4.3	65	29	44.6	371	78	21.0	964	123	12.8
2018	22,307	940	4.2	61	27	44.3	343	84**	24.5**	985**	102	10.4*

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
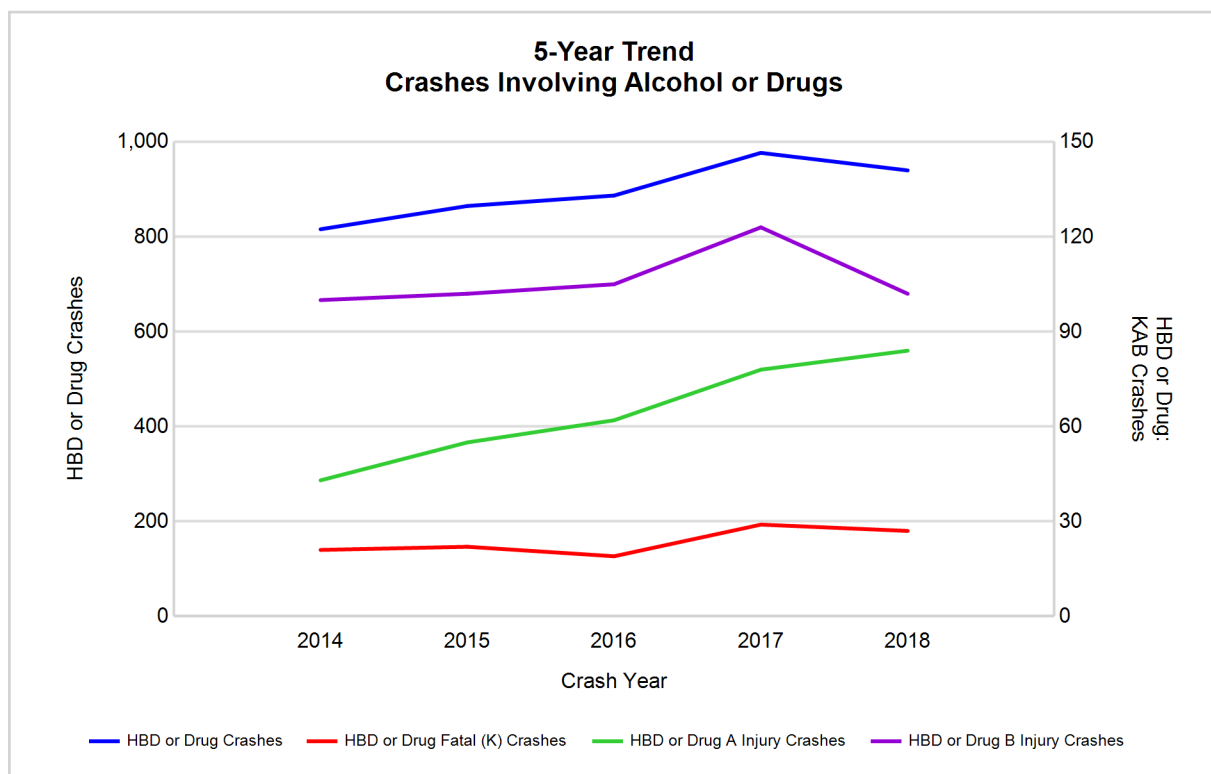

5-Year Trend
Crashes Involving Alcohol or Drugs

Legend: HBD or Drug Crashes — HBD or Drug Fatal (K) Crashes — HBD or Drug A Injury Crashes — HBD or Drug B Injury Crashes

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	35,752	31,486	88.1	43	31	72.1	275	221	80.4	918	836	91.1	3,386	3,259	96.2	28,283	27,139	96.0
Motor home	74	59	79.7	0	0	0.0	0	0	0.0	1	1	100.0	10	8	80.0	51	50	98.0
Pickup truck	3,626	3,200	88.3	3	2	66.7	29	21	72.4	90	81	90.0	231	222	96.1	2,974	2,874	96.6
Small truck under 10,000 lbs. GVWR	198	164	82.8	1	0	0.0	0	0	0.0	8	7	87.5	4	4	100.0	159	153	96.2
Motorcycle	188	121	64.4	9	7	77.8	39	23	59.0	68	43	63.2	34	26	76.5	31	22	71.0
Moped / goped	43	11	25.6	0	0	0.0	2	1	50.0	18	4	22.2	15	6	40.0	5	0	0.0
Go-cart / golf cart	3	2	66.7	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	2	2	100.0
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	2	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	2	0	0.0
Other	118	70	59.3	0	0	0.0	1	0	0.0	2	0	0.0	0	0	0.0	96	70	72.9
Truck/bus over 10,000 lbs.	1,188	1,103	92.8	1	1	100.0	2	2	100.0	10	6	60.0	44	28	63.6	1,088	1,066	98.0
Unknown	1,129	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	1	0	0.0	0	0	0.0
Total	42,321	36,216	85.6	57	41	0.0	348	268	77.0	1,115	978	87.7	3,725	3,553	95.4	32,691	31,376	96.0

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	376	334	88.8	2	2	100.0	9	7	77.8	65	54	83.1	247	228	92.3	51	43	84.3
16 - 20	4,492	4,294	95.6	2	1	50.0	38	22	57.9	143	127	88.8	458	435	95.0	3,842	3,709	96.5
21 - 24	4,421	4,170	94.3	5	3	60.0	35	29	82.9	137	113	82.5	354	333	94.1	3,877	3,692	95.2
25 - 64	25,252	24,036	95.2	34	23	67.6	230	177	77.0	628	554	88.2	2,274	2,170	95.4	21,998	21,112	96.0
65 +	3,505	3,382	96.5	14	12	85.7	36	33	91.7	142	130	91.5	392	387	98.7	2,917	2,820	96.7
Unknown	4,275	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	6	0	0.0
Total	42,321	36,216	85.6	57	41	0.0	348	268	77.0	1,115	978	87.7	3,725	3,553	95.4	32,691	31,376	96.0

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	167	2	28	106	0	7	79	2	7	48	0	3	57	0	8
Shoulder belt only used	90	0	11	117	0	14	169	0	21	138	0	20	156	0	28
Lap belt only used	445	0	43	390	2	27	304	0	33	179	0	26	109	0	12
Both lap & shoulder belts used	31,013	13	3,023	31,097	19	3,045	34,537	20	3,666	34,983	23	3,494	34,694	23	3,567
No belts used	323	12	76	358	8	67	313	5	77	233	9	64	167	7	63
Child restraint used	4	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Child restraint not used, unavailable or improper use	7	0	1	2	0	0	1	0	0	0	0	0	0	0	0
Restraint failure	59	0	6	49	1	4	37	0	7	24	0	6	27	0	2
Restraint use unknown	1,854	0	90	1,449	0	81	4,268	3	100	5,998	4	111	5,647	3	114
Helmet worn	164	5	111	181	4	124	153	2	126	168	9	116	128	7	99
Helmet not worn	63	4	46	83	5	59	94	5	69	72	2	55	80	2	64
Helmet use unknown	22	2	7	10	0	6	13	0	7	14	0	7	8	0	6
Uncoded & errors	3,734	0	2	3,661	0	5	1,175	0	1	27	0	0	8	0	0
Total	**37,945**	**38**	**3,444**	**37,503**	**39**	**3,439**	**41,144**	**37**	**4,114**	**41,884**	**47**	**3,902**	**41,081**	**42**	**3,963**

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	8	0	3	1	0	0	2	0	0	1	0	0	1	0	0
Shoulder belt only used	1	0	0	4	0	0	3	0	0	4	0	3	3	0	0
Lap belt only used	7	0	1	13	1	1	6	0	2	3	0	0	1	0	1
Both lap & shoulder belts used	530	1	119	565	2	114	560	1	131	616	3	151	584	7	140
No belts used	38	3	23	45	2	21	37	2	18	26	3	15	31	5	16
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	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Restraint failure	6	0	0	7	0	0	4	0	2	1	0	0	2	0	0
Restraint use unknown	136	0	26	127	0	27	150	2	36	181	2	28	196	0	45
Helmet worn	9	2	7	10	2	7	10	0	9	9	1	7	8	1	4
Helmet not worn	13	0	11	14	3	10	18	3	14	10	0	9	12	1	11
Helmet use unknown	4	2	1	1	0	1	0	0	0	1	0	1	0	0	0
Uncoded & errors	3	0	0	7	0	0	0	0	0	0	0	0	0	0	0
Total	**757**	**8**	**191**	**794**	**10**	**181**	**790**	**8**	**212**	**852**	**9**	**214**	**838**	**14**	**217**

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	1	0	0	2	0	0	0	0	0	0	0	0	2	0	0
16 - 20	54	2	14	49	1	10	61	2	10	36	2	12	25	0	14
21 - 24	64	1	13	51	0	8	56	1	9	42	2	8	40	2	13
25 - 64	323	10	67	313	7	47	236	2	54	183	5	40	133	4	41
65 +	42	1	10	34	0	9	35	2	11	20	0	7	24	1	3
Unknown	6	0	0	15	0	0	4	0	0	0	0	0	0	0	0
Total	**490**	**14**	**104**	**464**	**8**	**74**	**392**	**7**	**84**	**281**	**9**	**67**	**224**	**7**	**71**

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

5-Year Trend
Driver Seatbelt Not Used

	0 - 15	16 - 20	21 - 24	25 - 64	65 +	Unknown	Total
2014	1	54	64	323	42	6	490
2015	2	49	51	313	34	15	464
2016	0	61	56	236	35	4	392
2017	0	36	42	183	20	0	281
2018	2	25	40	133	24	0	224
Average	1	45	51	238	31	5	370
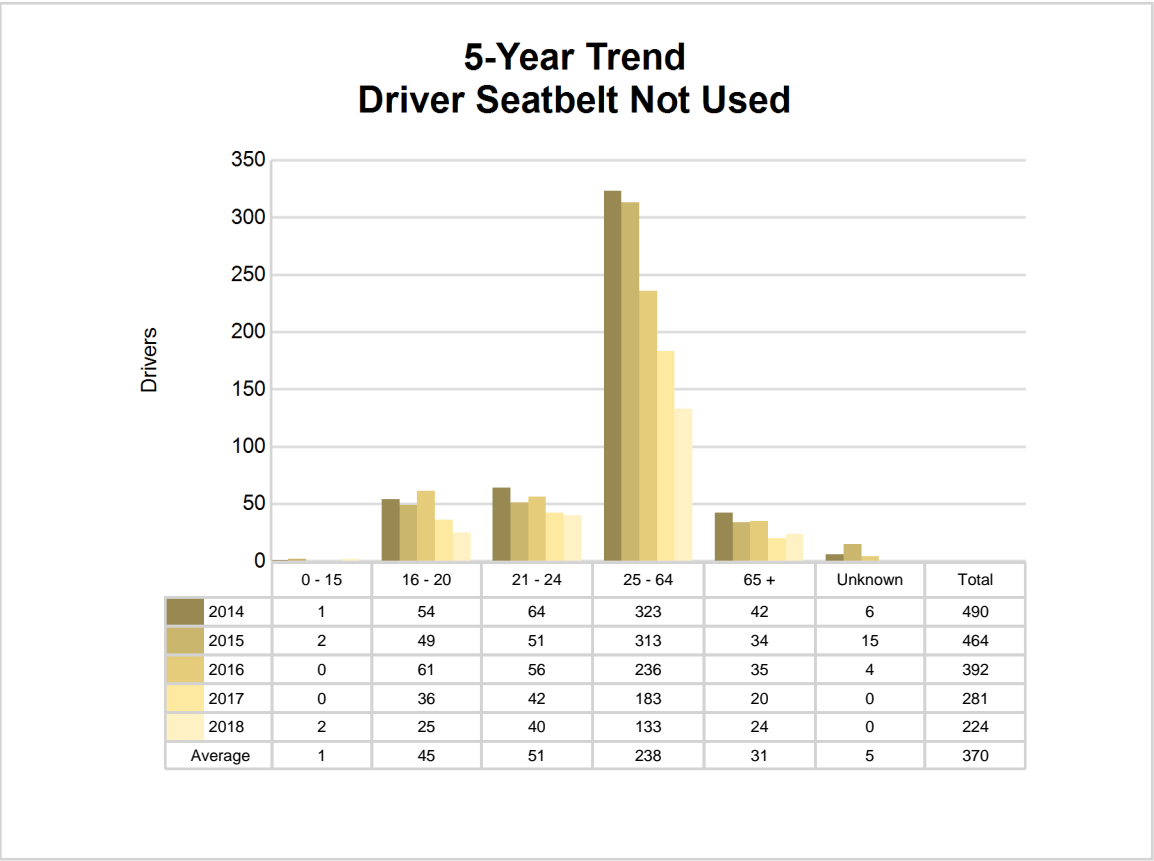
5-Year Trend - Seatbelt Used Among Drivers by Age

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	54	0	3	41	0	2	49	0	6	55	0	6	45	0	2
16 - 20	3,889	1	358	3,946	3	390	4,483	2	480	4,397	4	460	4,123	0	415
21 - 24	4,071	1	366	4,092	3	355	4,478	2	467	4,361	2	362	4,069	2	378
25 - 64	20,976	4	2,040	20,756	10	2,023	23,028	13	2,409	23,445	10	2,339	23,492	16	2,381
65 +	2,548	7	314	2,707	6	320	2,983	3	365	3,064	7	379	3,257	5	433
Unknown	69	0	2	111	0	0	26	0	0	2	0	0	0	0	0
Total	**31,607**	**13**	**3,083**	**31,653**	**22**	**3,090**	**35,047**	**20**	**3,727**	**35,324**	**23**	**3,546**	**34,986**	**23**	**3,609**

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

	0 - 15	16 - 20	21 - 24	25 - 64	65 +	Unknown	Total
2014	54	3,889	4,071	20,976	2,548	69	31,607
2015	41	3,946	4,092	20,756	2,707	111	31,653
2016	49	4,483	4,478	23,028	2,983	26	35,047
2017	55	4,397	4,361	23,445	3,064	2	35,324
2018	45	4,123	4,069	23,492	3,257	0	34,986
Average	49	4,168	4,214	22,339	2,912	42	33,723

Kent County (continued)
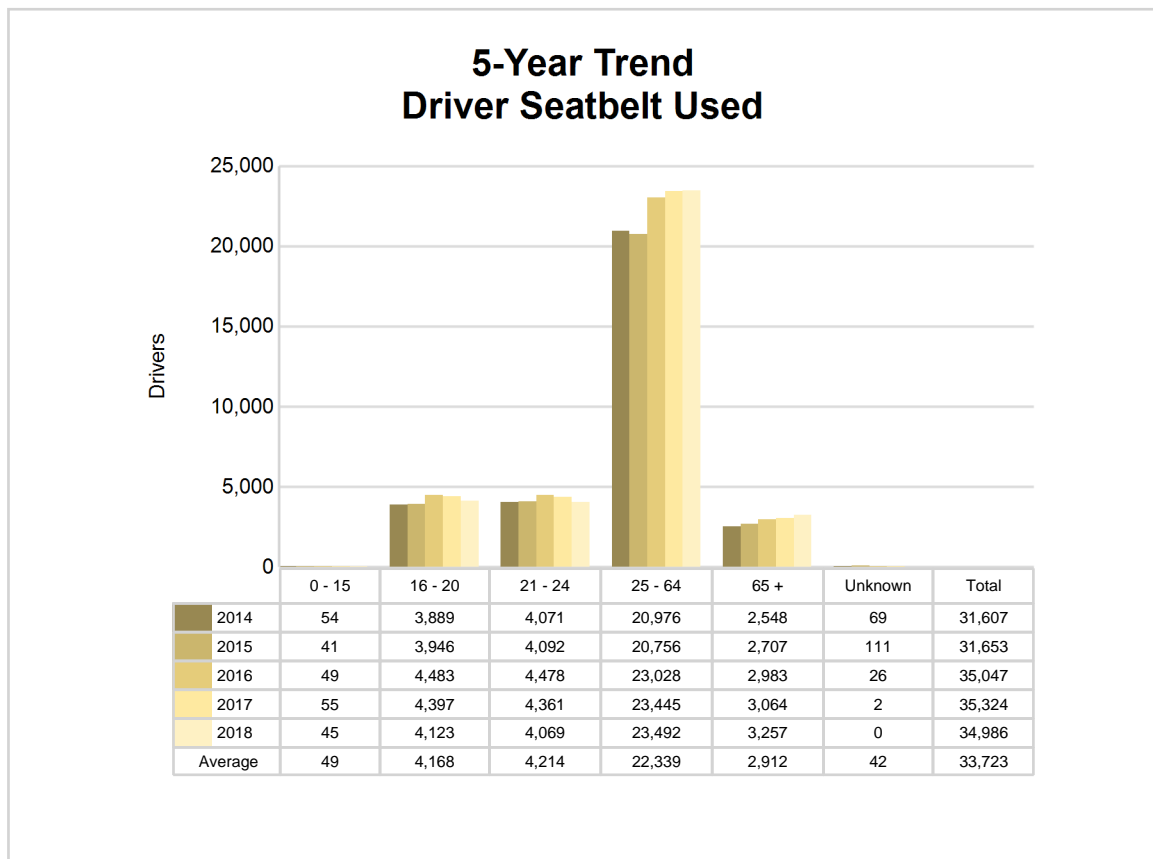
5-Year Trend - Drivers in Crashes by Hazardous Action

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	18,993	41	19,032	47	20,662	47	20,844	54	20,339	43
Speed too fast	2,783	8	1,968	10	2,195	10	2,343	9	2,242	11
Speed too slow	87	0	69	1	59	0	25	1	28	0
Failed to yield	3,458	9	3,431	4	3,814	10	3,800	5	3,832	9
Disregard traffic control	910	6	963	6	922	9	914	7	877	4
Drove wrong way	48	3	43	0	42	0	35	2	24	0
Drove left of center	170	3	139	3	161	1	155	5	143	2
Improper passing	235	0	189	4	228	1	247	1	214	0
Improper lane use	798	2	953	0	1,131	3	1,131	1	1,258	0
Improper turn	428	0	421	0	424	0	464	0	452	0
Improper/no signal	97	0	92	0	56	0	39	0	34	0
Improper backing	606	0	647	0	675	0	614	0	565	0
Unable to stop in assured clear distance	5,440	3	5,674	1	6,527	2	6,547	9	6,417	9
Other	1,629	8	1,439	2	1,499	5	1,557	2	1,359	4
Unknown	1,257	6	1,401	11	1,641	4	2,081	4	2,161	13
Reckless driving	194	0	208	1	214	4	186	6	177	4
Careless/negligent driving	793	1	831	2	891	0	900	2	956	3
Uncoded & errors	19	0	3	0	3	0	2	0	3	1
Total	**37,945**	**90**	**37,503**	**92**	**41,144**	**96**	**41,884**	**108**	**41,081**	**103**
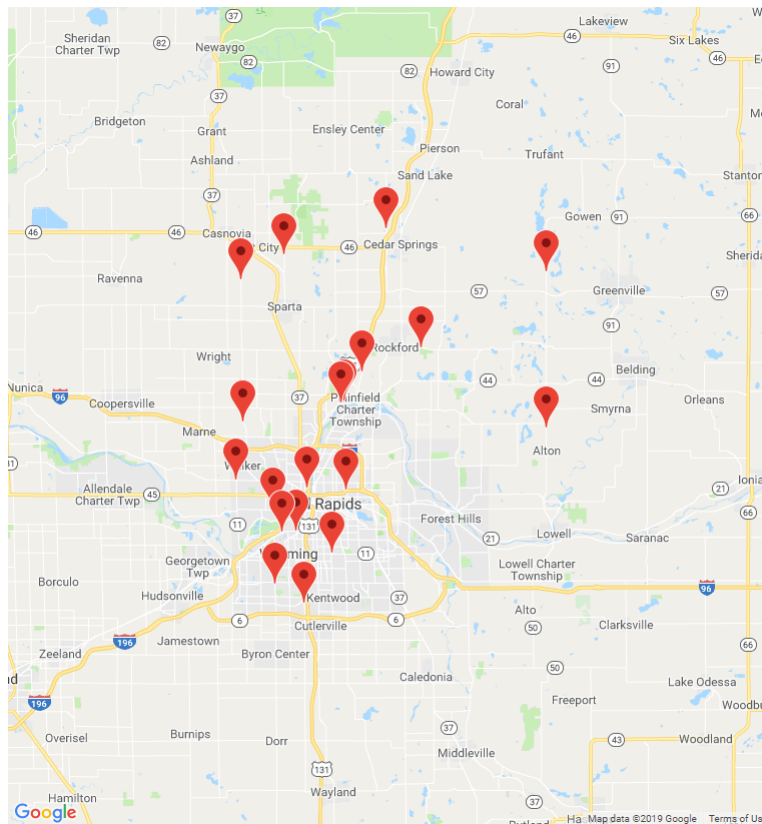
The picture above represents all 2018 alcohol-involved fatal crashes in Kent County.

In 2018, there were 855 alcohol-involved crashes in Kent County:

20	K - Fatal Crashes
73	A - Suspected Serious Injury Crashes
95	B - Suspected Minor Injury Crashes
142	C - Possible Injury Crashes
525	O - Property Damage Only/No Injury Crashes