



2014

**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 = Incapacitating Injury

B = Non-incapacitating Injury

C = Possible Injury

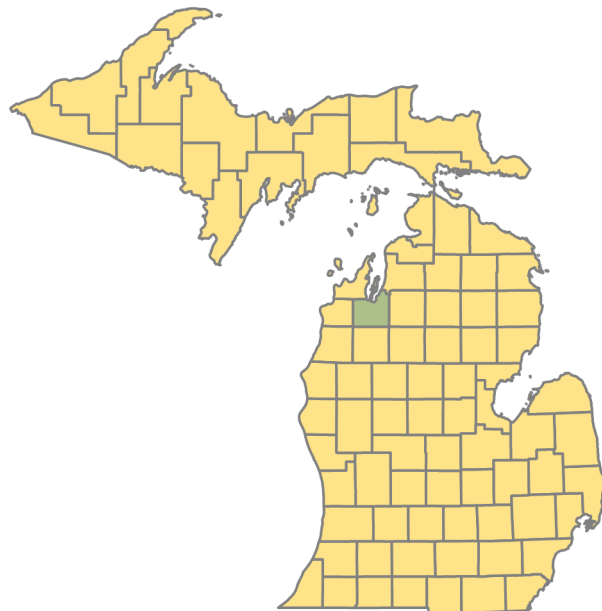
O = No Injury

Property Damage Only (PDO)



## Grand Traverse County

### 2014 Traffic Crash Data & 2010-2014 5-Year Trends



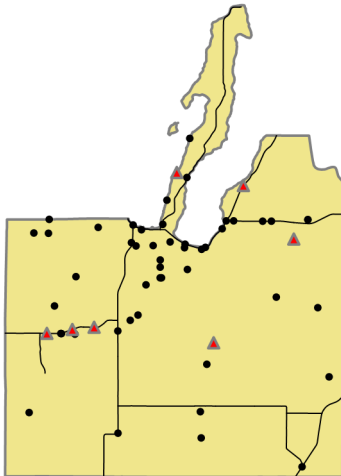
### Sources:

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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# Grand Traverse County

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Crashes by most severe injury (mapped/actual)

- ▲ K - Fatal (7/7)
- A - Incapacitating (48/48)

## Grand Traverse County

In 2014:

There were 6,283 drivers involved in 3,673 motor vehicle crashes in Grand Traverse County. Of those crashes, 7 were classified as fatal, resulting in 7 fatalities. An additional 674 persons were injured.

Grand Traverse County experienced the highest number of motor vehicle crashes (553) in January, the highest number of fatal crashes (2) and the highest number of persons killed (2) in November.

Michigan driver statistics indicate 6.2 percent of licensed drivers in Grand Traverse County were age 16-20, and 11.0 percent of drivers in crashes were also in that age group.

## 2014 - Crashes and Injuries by Month

Month	Crashes				Persons	
	Total	Fatal	Injury	Property Damage Only (PDO)	Fatalities	Injuries
January	553	0	74	479	0	108
February	412	0	53	359	0	69
March	238	0	24	214	0	31
April	217	1	27	189	1	29
May	195	0	35	160	0	42
June	243	1	39	203	1	51
July	261	0	56	205	0	77
August	289	1	41	247	1	50
September	275	1	57	217	1	84
October	296	0	29	267	0	37
November	420	2	46	372	2	65
December	274	1	23	250	1	31
<b>Total</b>	<b>3,673</b>	<b>7</b>	<b>504</b>	<b>3,162</b>	<b>7</b>	<b>674</b>

## 2014 - Driver Statistics

Age Group	Statewide			Driver Rates	
	2014 Population	Licensed Drivers	Drivers in Crashes	Per 10k Population	Per 10k Licensed
0 - 15	16,712	517	5	3.0	96.7
16 - 20	5,128	4,405	692	1,349.5	1,570.9
21 - 24	4,396	4,314	525	1,194.3	1,217.0
25 - 64	49,004	46,744	3,958	807.7	846.7
65 +	15,542	14,662	812	522.5	553.8
Unknown	--	--	291	--	--
<b>Total</b>	<b>90,782</b>	<b>70,642</b>	<b>6,283</b>	<b>692.1</b>	<b>889.4</b>

## 2014 - 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 & station wagon	4,755	75.7	8	80.0	734	4,013
Van & motorhome	262	4.2	0	0.0	38	224
Pickup truck	909	14.5	1	10.0	124	784
Small truck under 10,000 lbs. GVWR	105	1.7	0	0.0	14	91
Cycle	33	0.5	1	10.0	26	6
Moped	3	0.0	0	0.0	3	0
Go Cart	0	0.0	0	0.0	0	0
Snowmobile	1	0.0	0	0.0	1	0
Off-Road Vehicle (ORV) & All-Terrain Vehicle (ATV)	1	0.0	0	0.0	1	0
Other	13	0.2	0	0.0	4	9
Truck/bus over 10,000 lbs.	137	2.2	0	0.0	13	124
Unknown	64	1.0	0	0.0	4	60
<b>Total</b>	<b>6,283</b>	<b>100.0</b>	<b>10</b>	<b>100.0</b>	<b>962</b>	<b>5,311</b>

# Grand Traverse County (continued)

## 5-Year Trend - Crashes by Month

Month	2010		2011		2012		2013		2014	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
January	278	1	385	2	335	1	331	3	553	0
February	255	0	273	3	277	0	338	1	412	0
March	179	0	218	0	181	1	225	0	238	0
April	167	3	190	0	161	0	223	0	217	1
May	235	0	191	1	187	2	222	0	195	0
June	257	1	270	3	256	1	242	0	243	1
July	302	2	266	1	252	1	286	1	261	0
August	249	1	233	0	282	1	289	2	289	1
September	213	0	257	0	231	1	270	2	275	1
October	291	0	257	0	311	2	280	1	296	0
November	279	1	301	0	330	0	423	1	420	2
December	373	2	355	3	297	1	439	1	274	1
<b>Total</b>	<b>3,078</b>	<b>11</b>	<b>3,196</b>	<b>13</b>	<b>3,100</b>	<b>11</b>	<b>3,568</b>	<b>12</b>	<b>3,673</b>	<b>7</b>

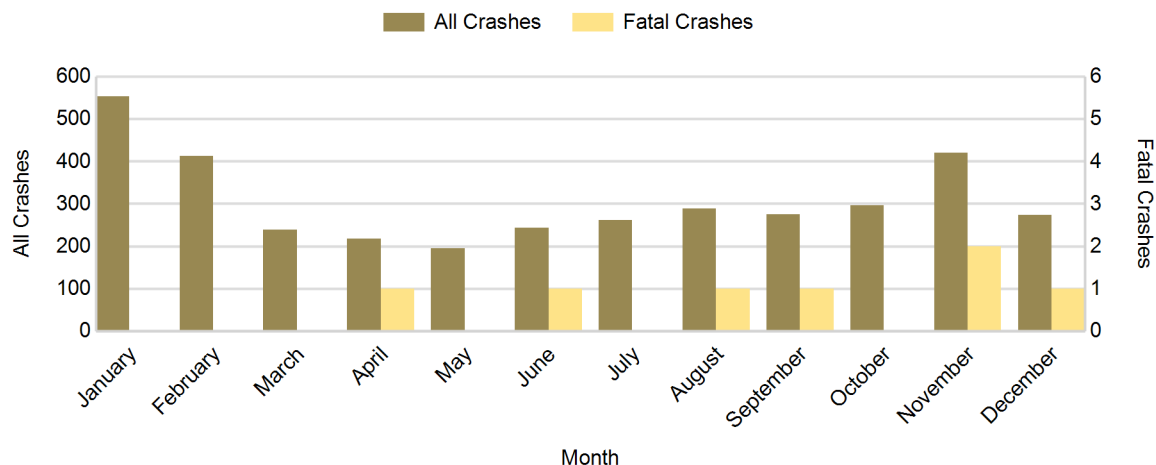
Note: † Indicates that the highest number of total crashes reported in the 5-year period occurred in the same month

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

Day	2010		2011		2012		2013		2014	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Monday	436	0	463	2	449	2	526	0	501	1
Tuesday	479	2	506	1	452	3	621	1	624	3
Wednesday	538	3	451	1	432	0	559	2	583	0
Thursday	458	0	550	5	509	1	589	2	572	0
Friday	534	1	522	2	583	1	597	4	668	0
Saturday	367	4	379	1	378	2	383	1	397	3
Sunday	266	1	325	1	297	2	293	2	328	0
<b>Total</b>	<b>3,078</b>	<b>11</b>	<b>3,196</b>	<b>13</b>	<b>3,100</b>	<b>11</b>	<b>3,568</b>	<b>12</b>	<b>3,673</b>	<b>7</b>

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

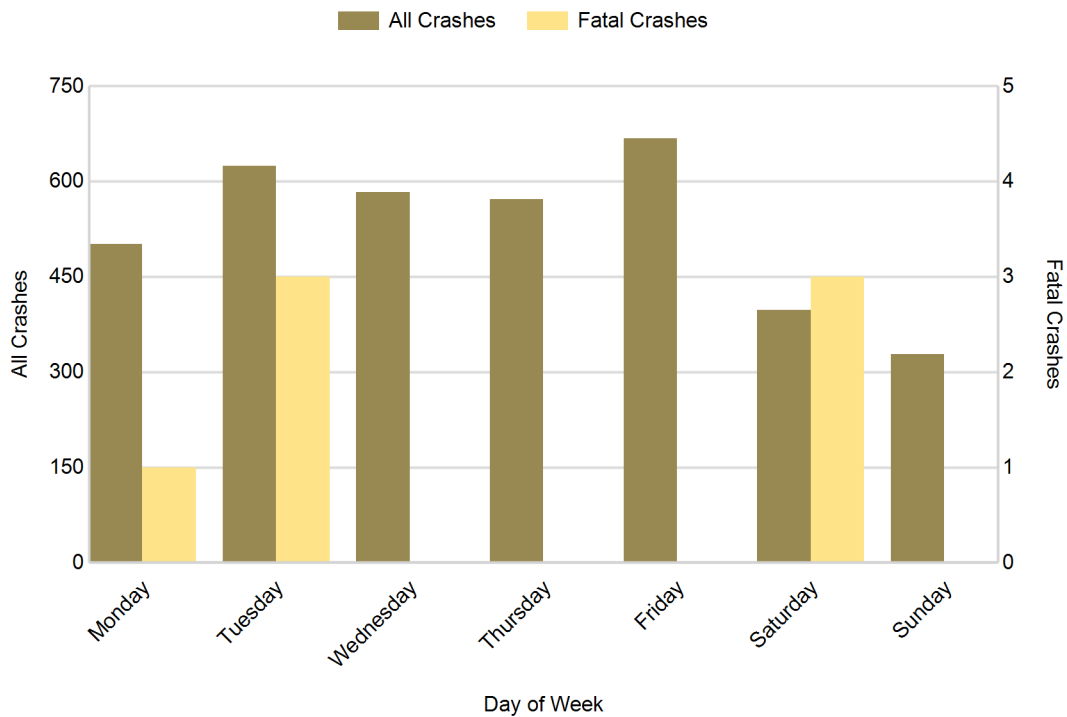
## 2014 Crashes by Month



## 2014 - 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	501	13.6	1	14.3	3	12	45	440
Tuesday	624	17.0	3	42.9	4	14	65	538
Wednesday	583	15.9	0	0.0	6	15	51	511
Thursday	572	15.6	0	0.0	11	24	43	494
Friday	668	18.2	0	0.0	8	22	71	567
Saturday	397	10.8	3	42.9	10	12	41	331
Sunday	328	8.9	0	0.0	6	7	34	281
<b>Total</b>	<b>3,673</b>	<b>100.0</b>	<b>7</b>	<b>100.0</b>	<b>48</b>	<b>106</b>	<b>350</b>	<b>3,162</b>

## 2014 Day of Week and Severity

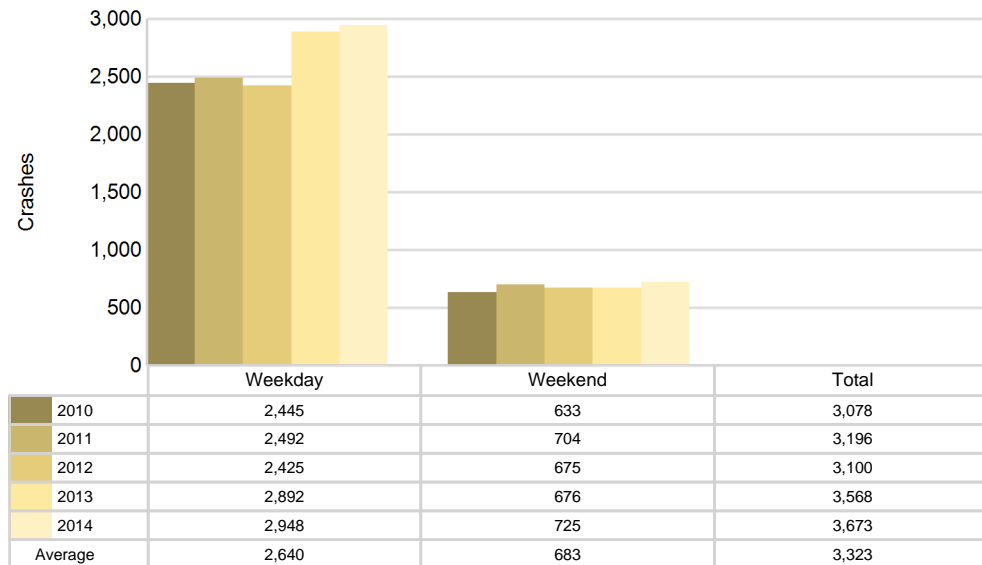


## Grand Traverse County (continued)

### 5-Year Trend - Crashes by Weekday and Weekend

Portion of Week	2010		2011		2012		2013		2014	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Weekday	2,445	6	2,492	11	2,425	7	2,892	9	2,948	4
Weekend	633	5	704	2	675	4	676	3	725	3
<b>Total</b>	<b>3,078</b>	<b>11</b>	<b>3,196</b>	<b>13</b>	<b>3,100</b>	<b>11</b>	<b>3,568</b>	<b>12</b>	<b>3,673</b>	<b>7</b>

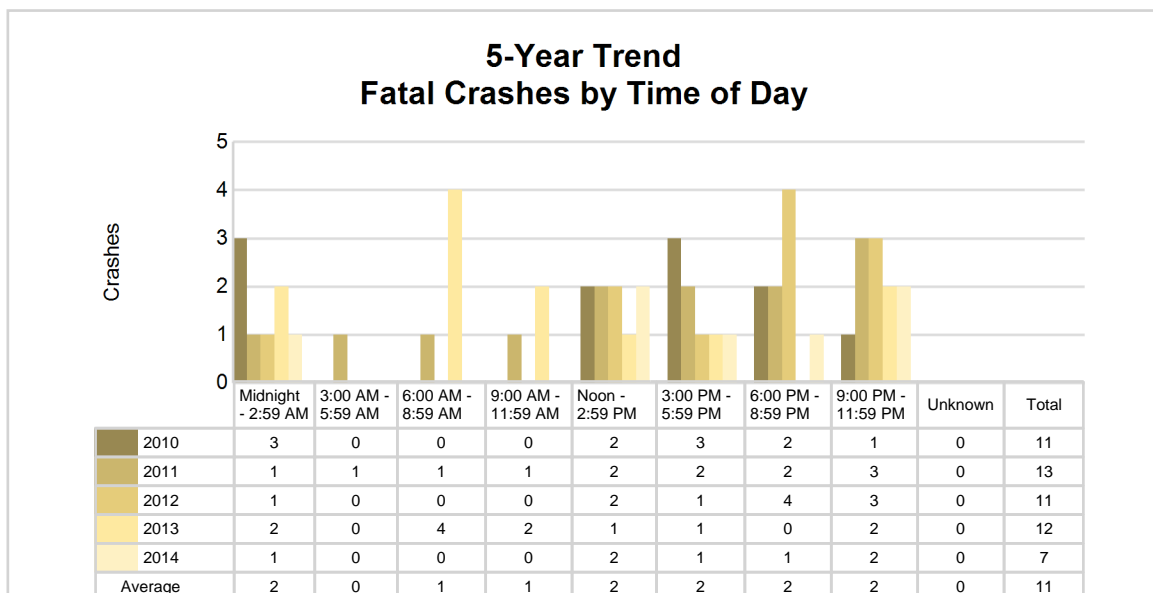
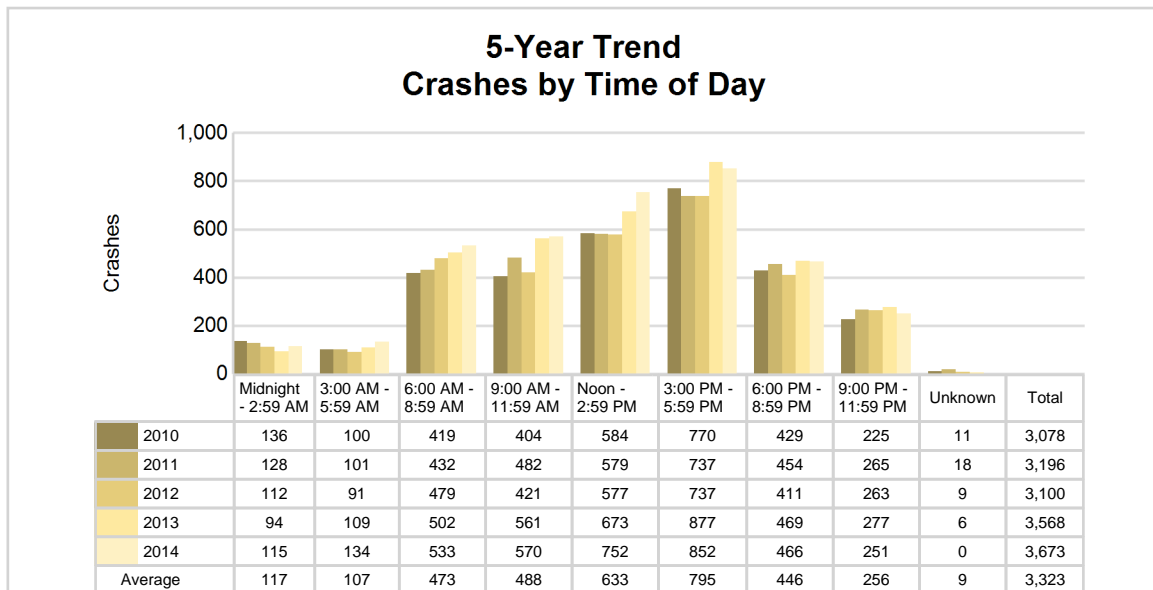
### 5-Year Crash Trends by Weekday (Monday - Friday) and Weekend (Saturday & Sunday)



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

Time of Day	2010		2011		2012		2013		2014	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Midnight - 2:59 AM	136	3	128	1	112	1	94	2	115	1
3:00 AM - 5:59 AM	100	0	101	1	91	0	109	0	134	0
6:00 AM - 8:59 AM	419	0	432	1	479	0	502	4	533	0
9:00 AM - 11:59 AM	404	0	482	1	421	0	561	2	570	0
Noon - 2:59 PM	584	2	579	2	577	2	673	1	752	2
3:00 PM - 5:59 PM	770 †	3	737 †	2	737 †	1	877 †	1	852 †	1
6:00 PM - 8:59 PM	429	2	454	2	411	4	469	0	466	1
9:00 PM - 11:59 PM	225	1	265	3	263	3	277	2	251	2
Unknown	11	0	18	0	9	0	6	0	0	0
<b>Total</b>	<b>3,078</b>	<b>11</b>	<b>3,196</b>	<b>13</b>	<b>3,100</b>	<b>11</b>	<b>3,568</b>	<b>12</b>	<b>3,673</b>	<b>7</b>

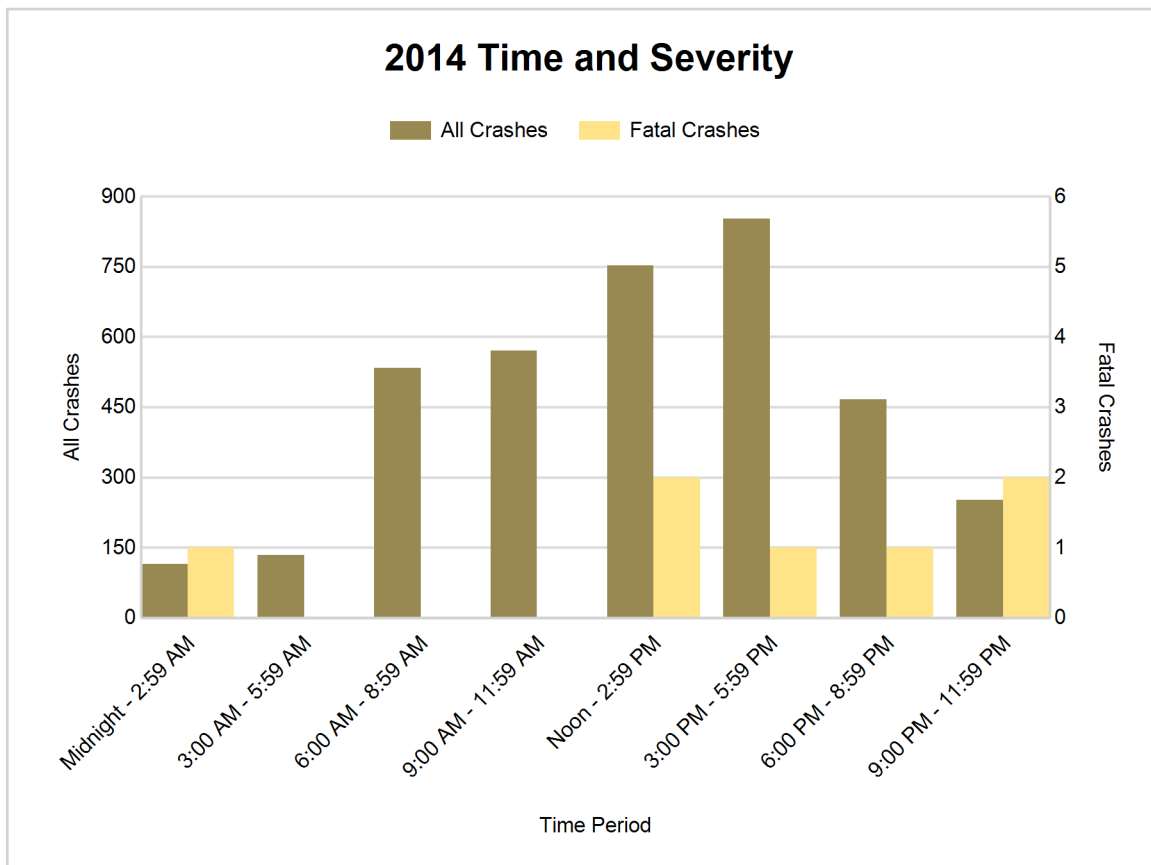
Note: † Indicates that the highest number of total crashes reported in the 5-year period occurred in the same time period



## Grand Traverse County (continued)

## 2014 - 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	115	3.1	1	14.3	4	6	5	99
3:00 AM - 5:59 AM	134	3.6	0	0.0	5	6	11	112
6:00 AM - 8:59 AM	533	14.5	0	0.0	5	14	44	470
9:00 AM - 11:59 AM	570	15.5	0	0.0	5	22	61	482
Noon - 2:59 PM	752	20.5	2	28.6	5	17	88	640
3:00 PM - 5:59 PM	852	23.2	1	14.3	14	22	92	723
6:00 PM - 8:59 PM	466	12.7	1	14.3	5	15	27	418
9:00 PM - 11:59 PM	251	6.8	2	28.6	5	4	22	218
Unknown	0	0.0	0	0.0	0	0	0	0
<b>Total</b>	<b>3,673</b>	<b>100.0</b>	<b>7</b>	<b>100.0</b>	<b>48</b>	<b>106</b>	<b>350</b>	<b>3,162</b>

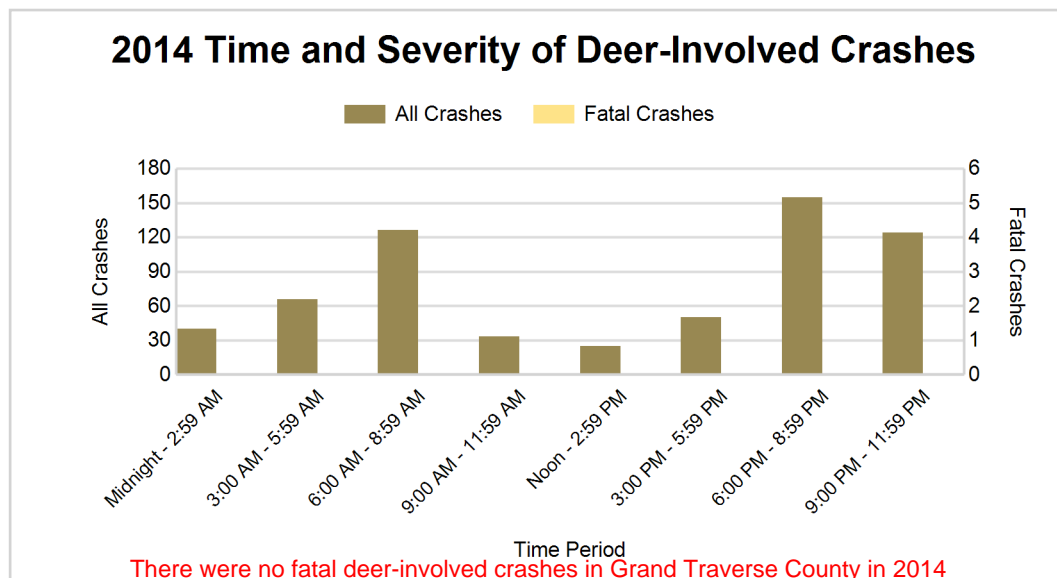
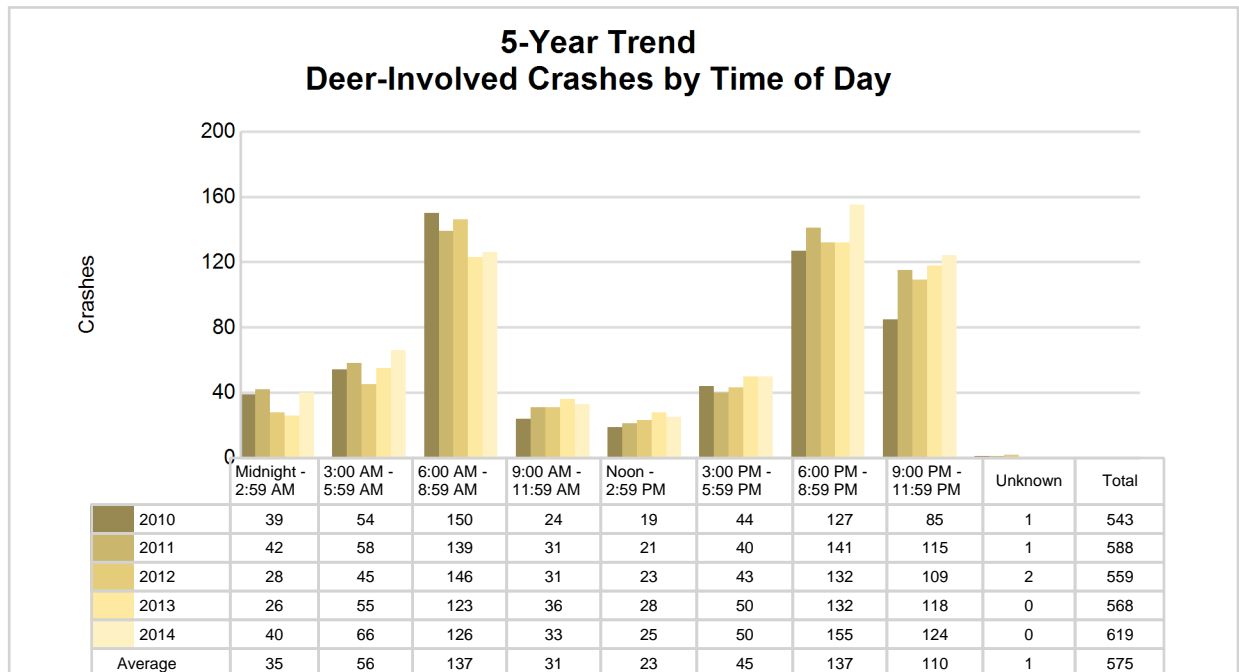




## 5-Year Trend - Deer-Involved Crashes by Time of Day

Time of Day	2010		2011		2012		2013		2014	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Midnight - 2:59 AM	39	0	42	0	28	0	26	0	40	0
3:00 AM - 5:59 AM	54	0	58	0	45	0	55	0	66	0
6:00 AM - 8:59 AM	150	0	139	0	146	0	123	0	126	0
9:00 AM - 11:59 AM	24	0	31	0	31	0	36	0	33	0
Noon - 2:59 PM	19	0	21	0	23	0	28	0	25	0
3:00 PM - 5:59 PM	44	0	40	0	43	0	50	0	50	0
6:00 PM - 8:59 PM	127	0	141	0	132	0	132	0	155	0
9:00 PM - 11:59 PM	85	0	115	0	109	0	118	0	124	0
Unknown	1	0	1	0	2	0	0	0	0	0
<b>Total</b>	<b>543</b>	<b>0</b>	<b>588</b>	<b>0</b>	<b>559</b>	<b>0</b>	<b>568</b>	<b>0</b>	<b>619</b>	<b>0</b>

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



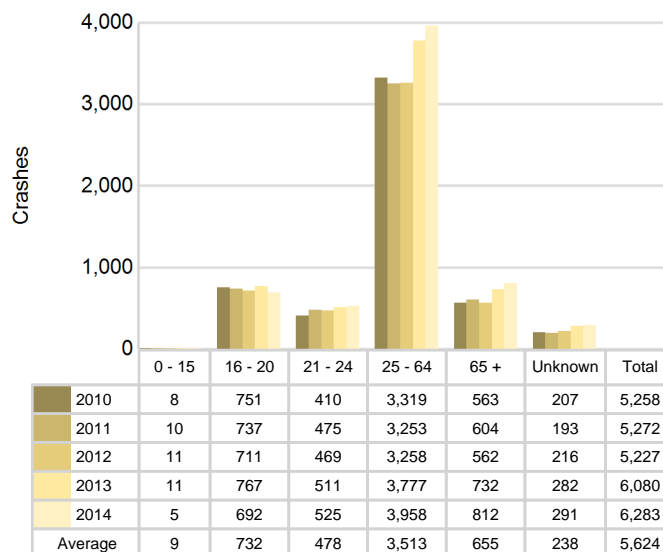
## 2014 - Reported Motor Vehicle Crashes by Municipality

Municipality	Crashes											Persons	
	Total	Fatal	Injury	Property Damage	Inter-state	US Route	State Route	Local Street	Alcohol-Involved	Drug-Involved	Deer-Involved	Fatalities	Injuries
Acme Twp.	182	1	26	155	0	99	46	37	1	0	58	1	40
Blair Twp.	311	1	47	263	0	127	61	123	13	3	57	1	61
East Bay Twp.	376	1	63	312	0	132	0	244	15	2	49	1	87
Fife Lake	7	0	1	6	0	0	0	7	1	0	0	0	1
Fife Lake Twp.	85	0	8	77	0	33	38	14	4	0	40	0	12
Garfield Twp.	797	0	126	671	0	171	9	617	17	8	92	0	162
Grant Twp.	35	0	3	32	0	0	0	35	2	0	20	0	4
Green Lake Twp.	179	2	27	150	0	71	14	94	4	0	52	2	40
Kingsley	29	0	10	19	0	0	19	10	1	0	1	0	12
Long Lake Twp.	152	0	18	134	0	0	6	146	8	3	42	0	22
Mayfield Twp.	92	0	10	82	0	0	53	39	1	0	43	0	18
Paradise Twp.	130	0	19	111	0	0	30	100	6	0	62	0	22
Peninsula Twp.	79	1	16	62	0	0	51	28	5	1	21	1	23
Traverse City	1,083	0	108	975	0	391	64	628	13	3	23	0	140
Union Twp.	33	0	6	27	0	0	0	33	2	0	10	0	7
Whitewater Twp.	103	1	16	86	0	0	46	57	7	0	49	1	23
Unknown Community	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>3,673</b>	<b>7</b>	<b>504</b>	<b>3,162</b>	<b>0</b>	<b>1,024</b>	<b>437</b>	<b>2,212</b>	<b>100</b>	<b>20</b>	<b>619</b>	<b>7</b>	<b>674</b>

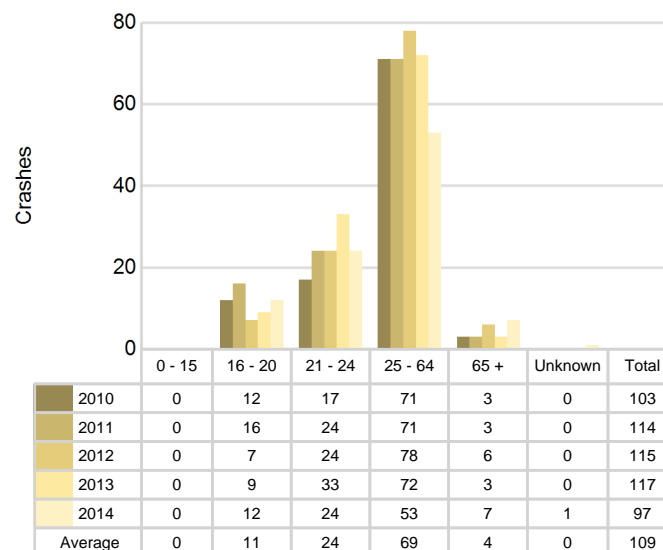
## 5-Year Trend - Drivers in Crashes Coded Drinking by Driver Age

Driver Age	2010		2011		2012		2013		2014	
	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	8	0	10	0	11	0	11	0	5	0
16 - 20	751	12	737	16	711	7	767	9	692	12
21 - 24	410	17	475	24	469	24	511	33	525	24
25 - 64	3,319	71	3,253	71	3,258	78	3,777	72	3,958	53
65 +	563	3	604	3	562	6	732	3	812	7
Unknown	207	0	193	0	216	0	282	0	291	1
<b>Total</b>	<b>5,258</b>	<b>103</b>	<b>5,272</b>	<b>114</b>	<b>5,227</b>	<b>115</b>	<b>6,080</b>	<b>117</b>	<b>6,283</b>	<b>97</b>

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



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



**2014 - 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	0	0	0	0	0	0	0	0	0
16 - 20	13	18	11	12	0	2	7	2	1
21 - 24	26	27	21	24	0	1	14	2	7
25 - 64	88	82	43	53	2	9	12	12	18
65 +	9	9	6	7	0	2	3	0	2
Unknown	5	0	0	1	0	0	0	0	1
<b>Total</b>	<b>141</b>	<b>136</b>	<b>81</b>	<b>97</b>	<b>2</b>	<b>14</b>	<b>36</b>	<b>16</b>	<b>29</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 2014, there were 141 drivers in alcohol-involved crashes; 97 (68.8%) of those drivers were coded as had-been-drinking by the officer on the crash form.

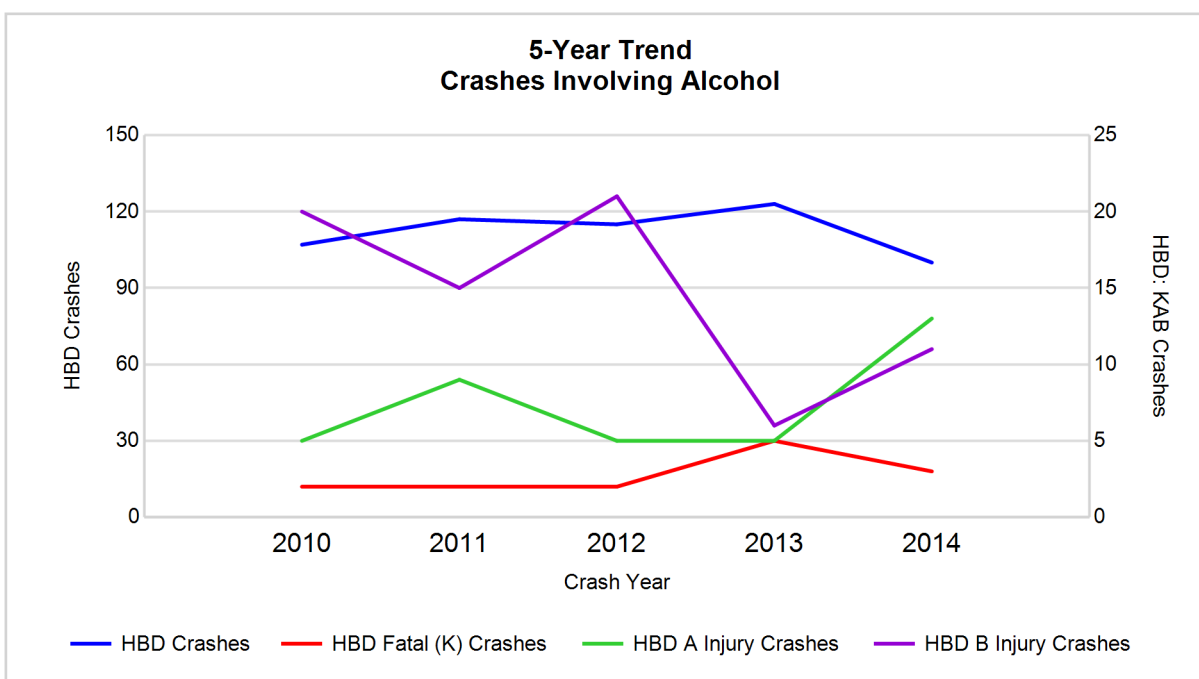
- 52 (53.6%) of the 97 drivers had a blood alcohol concentration (BAC) of 0.08 g/dL (grams per deciliter) or greater, and 16 (30.8%) of the 52 drivers had a BAC at or above 0.17 g/dL.
- 81 (83.5%) of the 97 drivers were coded as had-been-drinking and were tested for alcohol consumption.

**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
2010	3,078	107	3.5	11	2	18.2	39	5	12.8	124	20	16.1
2011	3,196	117	3.7	13	2	15.4	43	9	20.9	115	15	13.0
2012	3,100	115	3.7	11	2	18.2	51	5	9.8	144	21	14.6
2013	3,568	123	3.4	12	5	41.7	48	5	10.4	121	6	5.0
2014	3,673**	100*	2.7*	7*	3	42.9**	48	13**	27.1**	106*	11	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



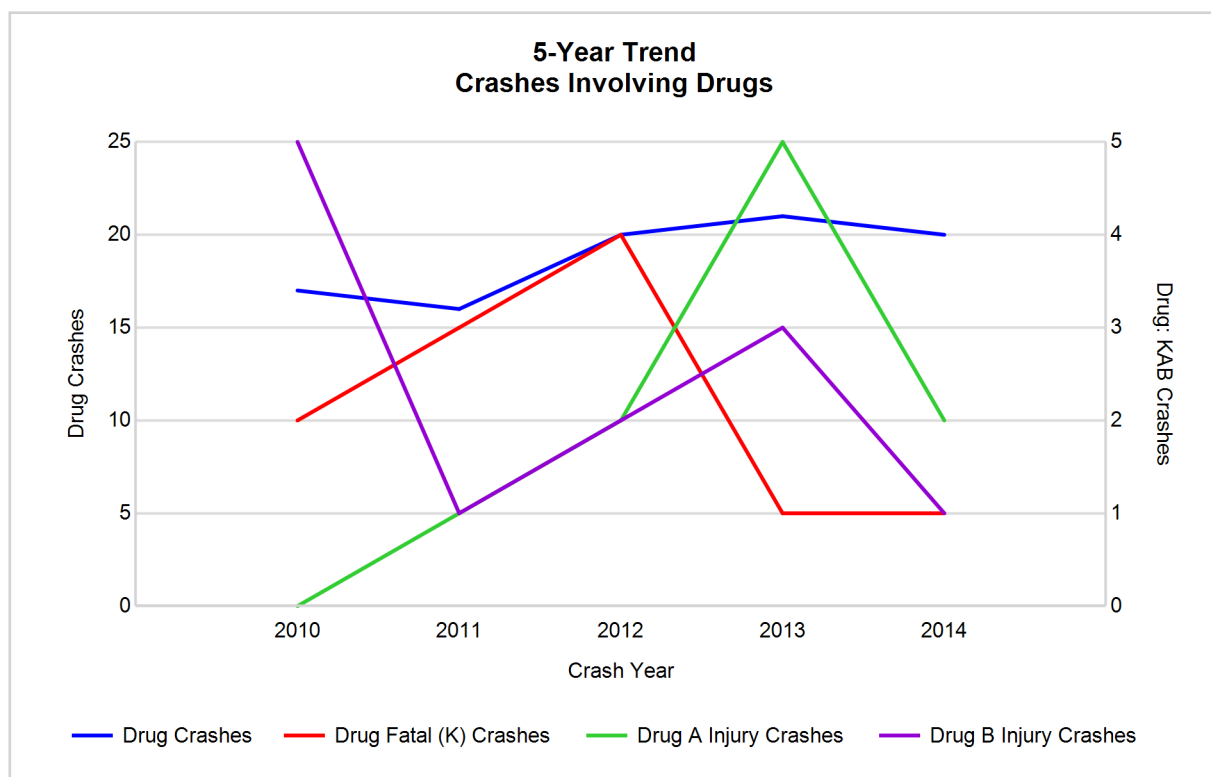
Note: Had-Been-Drinking (HBD)

## 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
2010	3,078	17	0.6	11	2	18.2	39	0	0.0	124	5	4.0
2011	3,196	16	0.5	13	3	23.1	43	1	2.3	115	1	0.9
2012	3,100	20	0.6	11	4	36.4	51	2	3.9	144	2	1.4
2013	3,568	21	0.6	12	1	8.3	48	5	10.4	121	3	2.5
2014	3,673**	20	0.5	7*	1	14.3	48	2	4.2	106*	1	0.9

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

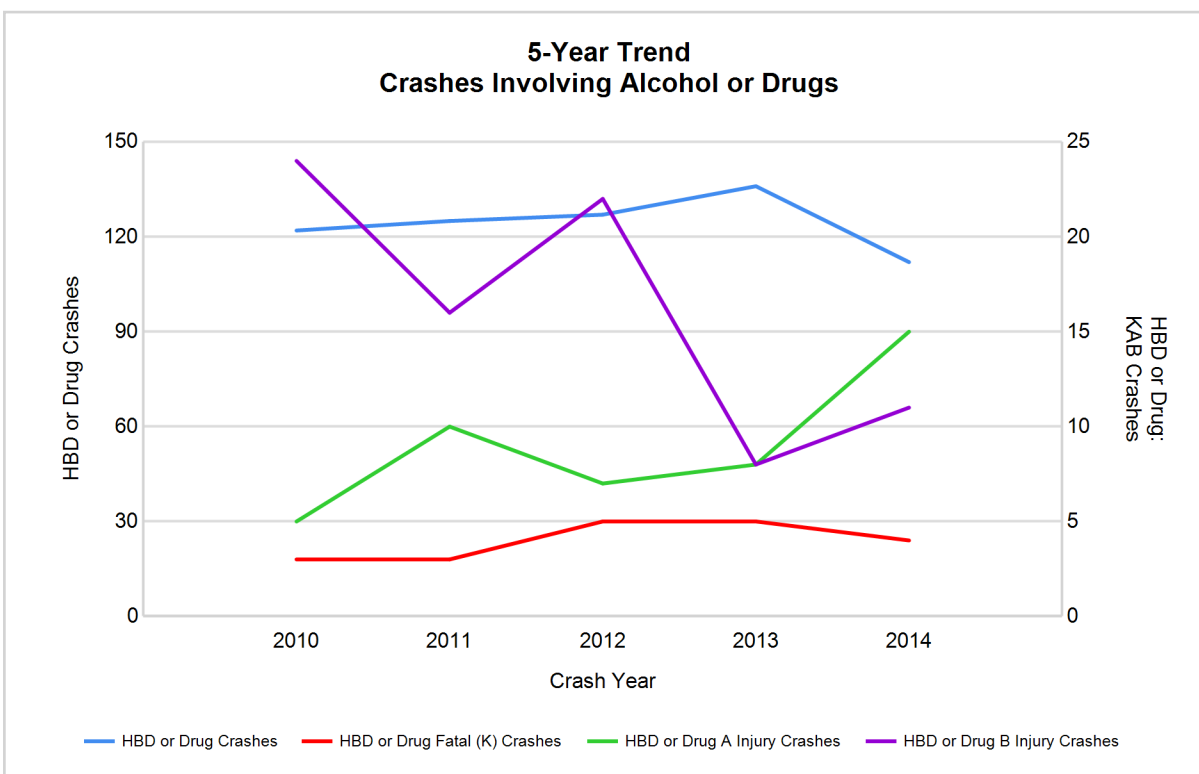


## 5-Year Trend - Crashes Involving Alcohol or Drugs

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
2010	3,078	122	4.0	11	3	27.3	39	5	12.8	124	24	19.4
2011	3,196	125	3.9	13	3	23.1	43	10	23.3	115	16	13.9
2012	3,100	127	4.1	11	5	45.5	51	7	13.7	144	22	15.3
2013	3,568	136	3.8	12	5	41.7	48	8	16.7	121	8	6.6
2014	3,673**	112*	3.0*	7*	4	57.1**	48	15**	31.3**	106*	11	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



Note: Had-Been-Drinking (HBD)

# Grand Traverse County (continued)

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## 2014 - Restraints Worn Among Vehicle Drivers and Injured Passengers by Vehicle Type

Vehicle Type	Total Occupants			Fatalities			A - Incapacitating			B - Non-incapacitating			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 & station wagon	4,892	4,585	93.7	3	1	33.3	38	31	81.6	95	91	95.8	382	367	96.1	4,228	4,095	96.9
Van & motorhome	269	251	93.3	0	0	0.0	1	0	0.0	2	2	100.0	19	19	100.0	235	230	97.9
Pickup truck	923	843	91.3	0	0	0.0	4	3	75.0	15	12	80.0	44	40	90.9	823	788	95.7
Small truck under 10,000 lbs. GVWR	105	98	93.3	0	0	0.0	0	0	0.0	0	0	0.0	9	8	88.9	91	90	98.9
Cycle	35	29	82.9	1	1	100.0	7	6	85.7	13	11	84.6	7	7	100.0	7	4	57.1
Moped	3	2	66.7	0	0	0.0	1	1	100.0	2	1	50.0	0	0	0.0	0	0	0.0
Go Cart	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0
Snowmobile	1	1	100.0	0	0	0.0	1	1	100.0	0	0	0.0	0	0	0.0	0	0	0.0
Off-Road Vehicle (ORV) & All-Terrain Vehicle (ATV)	1	1	100.0	0	0	0.0	0	0	0.0	1	1	100.0	0	0	0.0	0	0	0.0
Other	13	8	61.5	0	0	0.0	0	0	0.0	0	0	0.0	1	0	0.0	10	8	80.0
Truck/bus over 10,000 lbs.	139	129	92.8	0	0	0.0	0	0	0.0	2	1	50.0	3	1	33.3	130	127	97.7
Unknown	64	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	1	0	0.0
<b>Total</b>	<b>6,445</b>	<b>5,947</b>	<b>92.3</b>	<b>4</b>	<b>2</b>	<b>0.0</b>	<b>52</b>	<b>42</b>	<b>80.8</b>	<b>130</b>	<b>119</b>	<b>91.5</b>	<b>465</b>	<b>442</b>	<b>95.1</b>	<b>5,525</b>	<b>5,342</b>	<b>96.7</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.

## 2014 - Restraints Worn Among Vehicle Drivers and Injured Passengers by Age

Age Group	Total Occupants			Fatalities			A - Incapacitating			B - Non-incapacitating			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	47	42	89.4	0	0	0.0	2	2	100.0	7	7	100.0	34	29	85.3	4	4	100.0
16 - 20	705	678	96.2	1	0	0.0	2	0	0.0	14	11	78.6	35	34	97.1	653	633	96.9
21 - 24	540	516	95.6	0	0	0.0	9	6	66.7	12	10	83.3	58	55	94.8	459	445	96.9
25 - 64	4,025	3,894	96.7	1	1	100.0	27	23	85.2	75	70	93.3	276	263	95.3	3,642	3,537	97.1
65 +	836	814	97.4	2	1	50.0	12	11	91.7	22	21	95.5	61	60	98.4	738	721	97.7
Unknown	292	3	1.0	0	0	0.0	0	0	0.0	0	0	0.0	1	1	100.0	29	2	6.9
<b>Total</b>	<b>6,445</b>	<b>5,947</b>	<b>92.3</b>	<b>4</b>	<b>2</b>	<b>0.0</b>	<b>52</b>	<b>42</b>	<b>80.8</b>	<b>130</b>	<b>119</b>	<b>91.5</b>	<b>465</b>	<b>442</b>	<b>95.1</b>	<b>5,525</b>	<b>5,342</b>	<b>96.7</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	2010			2011			2012			2013			2014		
	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	2	26	0	4	26	0	4	24	1	3	84	0	8
Shoulder belt only used	3	0	0	2	0	0	2	0	0	1	0	0	18	0	1
Lap belt only used	31	0	3	43	0	3	46	0	3	24	0	3	53	0	4
Both lap & shoulder belts used	4,895	2	444	4,870	4	434	4,814	5	448	5,601	4	498	5,697	0	427
No belts used	10	0	5	22	5	11	11	0	7	16	2	8	54	1	9
Child restraint used	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Child restraint not used, unavailable or improper use	0	0	0	3	0	0	3	0	0	3	0	0	0	0	0
Restraint failure	1	0	0	0	0	0	1	0	0	6	0	0	2	0	0
Restraint use unknown	63	1	9	65	1	12	56	1	11	91	1	9	59	0	8
Helmet worn	28	2	21	46	0	33	47	4	34	34	0	25	31	1	26
Helmet not worn	0	0	0	4	0	4	7	1	6	4	0	4	5	0	4
Helmet use unknown	2	0	0	1	0	1	1	0	0	3	0	2	0	0	0
Uncoded & errors	212	0	1	190	0	2	212	0	1	273	0	0	280	0	0
<b>Total</b>	<b>5,258</b>	<b>5</b>	<b>485</b>	<b>5,272</b>	<b>10</b>	<b>504</b>	<b>5,227</b>	<b>11</b>	<b>514</b>	<b>6,080</b>	<b>8</b>	<b>552</b>	<b>6,283</b>	<b>2</b>	<b>487</b>

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

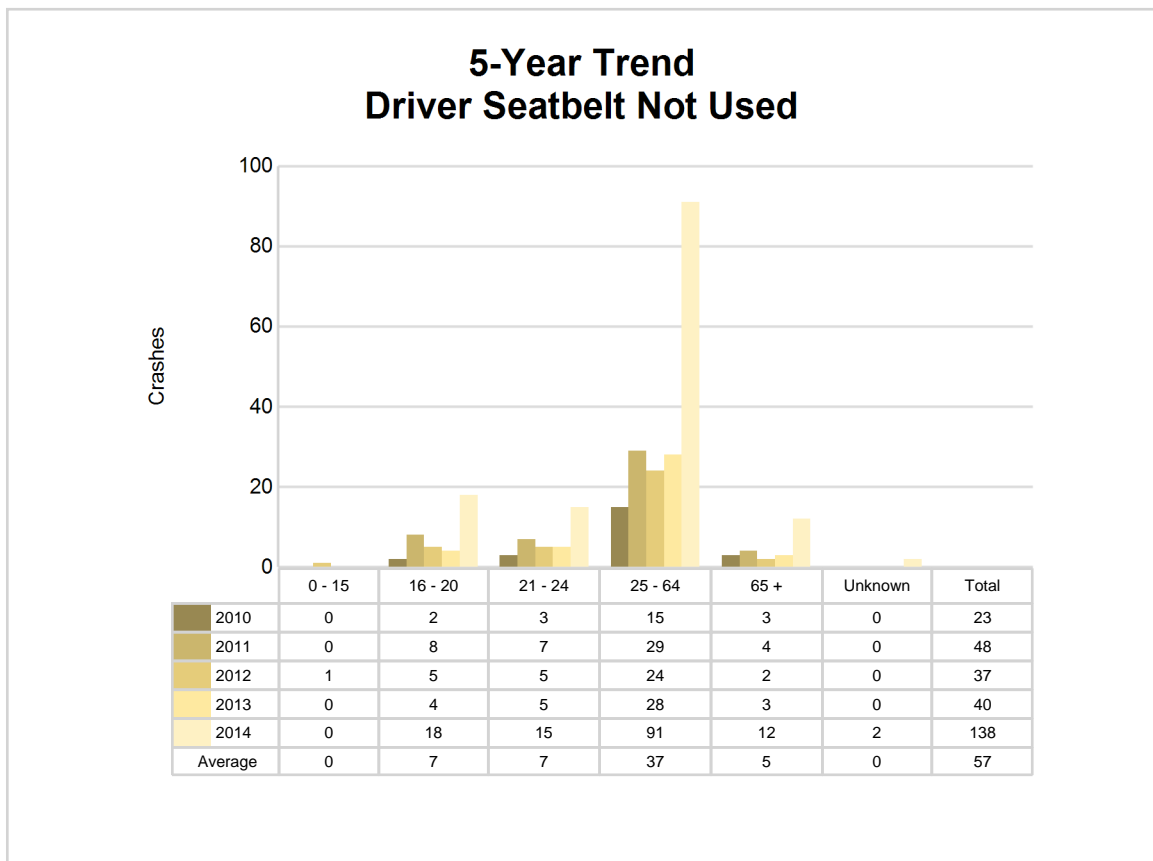
Restraint Use	2010			2011			2012			2013			2014		
	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers
No belts available	2	0	1	0	0	0	1	0	0	0	0	0	6	0	1
Shoulder belt only used	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Lap belt only used	1	0	1	1	0	0	1	0	0	2	0	1	0	0	0
Both lap & shoulder belts used	78	0	20	87	1	19	90	1	24	84	0	16	73	0	14
No belts used	2	0	2	5	1	4	3	0	2	3	1	0	3	1	2
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	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Restraint use unknown	16	0	3	15	0	3	17	0	5	25	1	5	10	0	4
Helmet worn	4	1	3	2	0	1	1	1	0	1	0	1	4	0	4
Helmet not worn	0	0	0	3	0	3	1	0	1	1	0	1	0	0	0
Helmet use unknown	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0
Uncoded & errors	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
<b>Total</b>	<b>103</b>	<b>1</b>	<b>30</b>	<b>114</b>	<b>2</b>	<b>31</b>	<b>115</b>	<b>2</b>	<b>32</b>	<b>117</b>	<b>2</b>	<b>24</b>	<b>97</b>	<b>1</b>	<b>25</b>



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

Age Group	2010			2011			2012			2013			2014		
	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	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
16 - 20	2	0	0	8	1	1	5	0	3	4	0	3	18	1	2
21 - 24	3	0	2	7	0	4	5	0	2	5	0	1	15	0	4
25 - 64	15	0	2	29	4	9	24	0	6	28	3	6	91	0	11
65 +	3	0	3	4	0	1	2	0	0	3	0	1	12	0	0
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0
<b>Total</b>	<b>23</b>	<b>0</b>	<b>7</b>	<b>48</b>	<b>5</b>	<b>15</b>	<b>37</b>	<b>0</b>	<b>11</b>	<b>40</b>	<b>3</b>	<b>11</b>	<b>138</b>	<b>1</b>	<b>17</b>

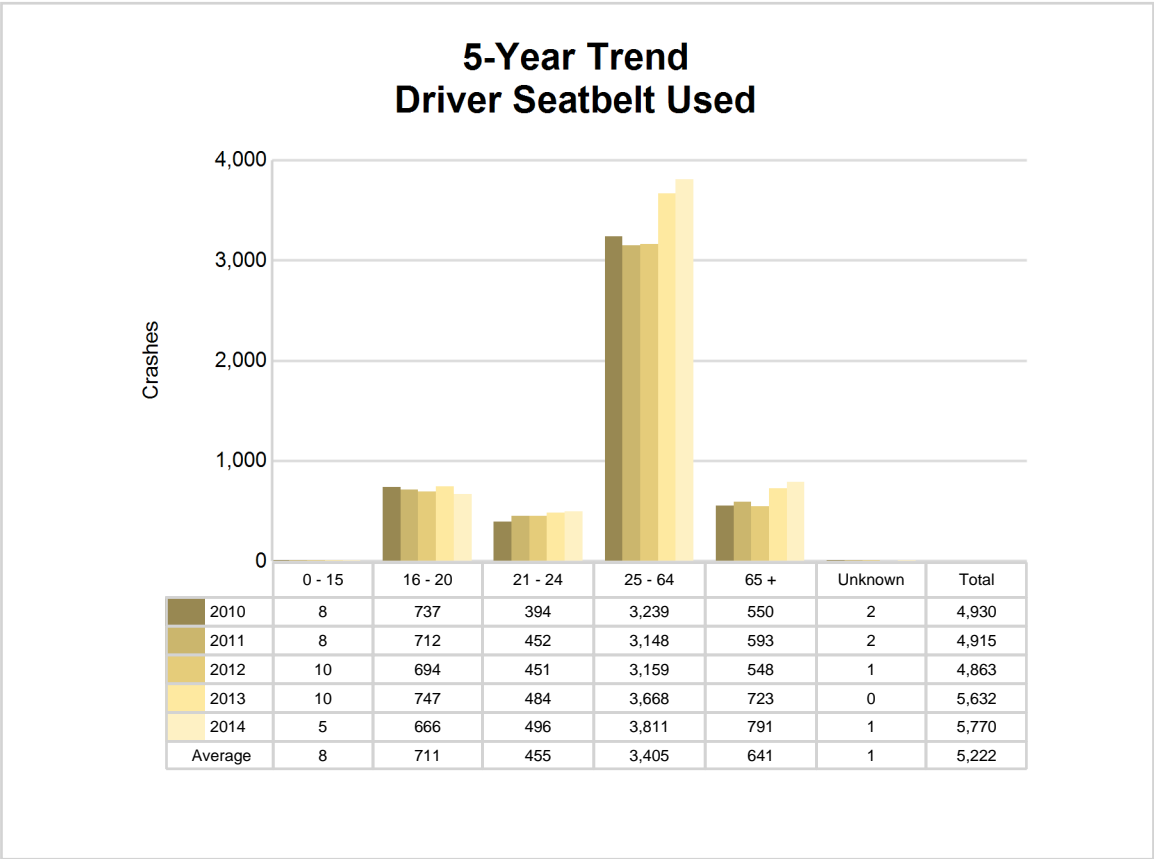
Note: Seatbelt Not Used includes no belts available or no belts used.

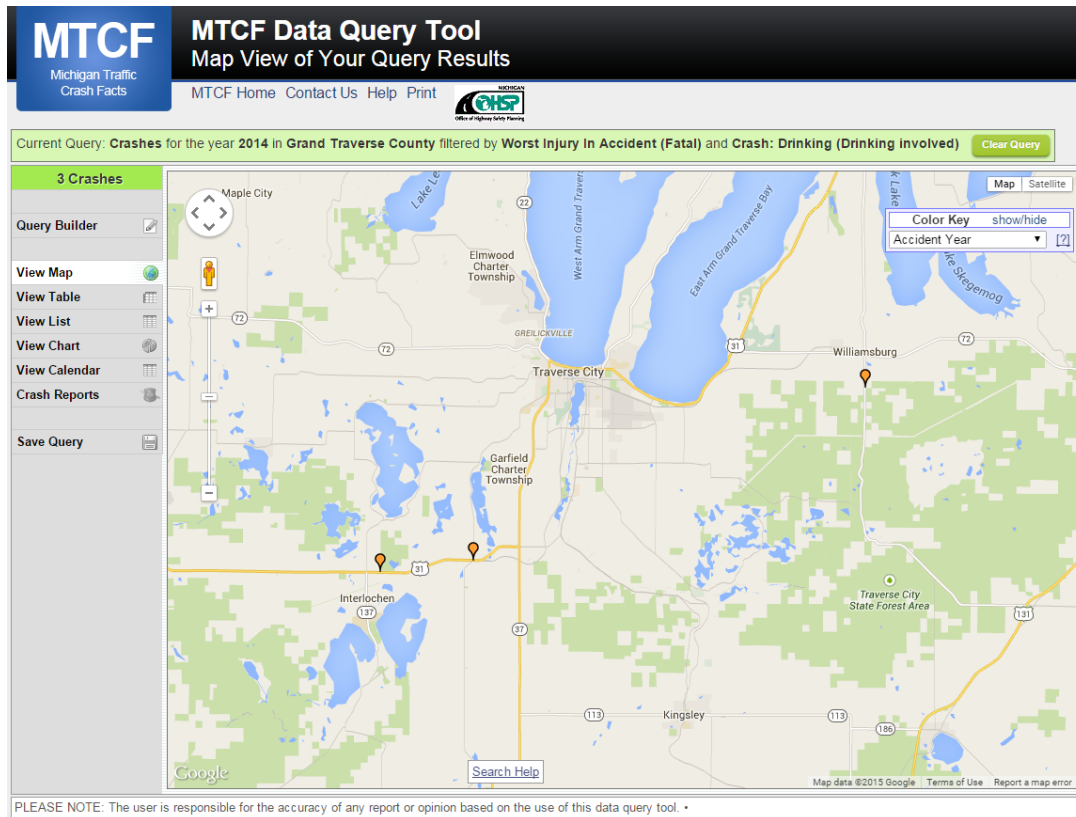


5-Year Trend - Seatbelt Used Among Drivers by Age

Age Group	2010			2011			2012			2013			2014		
	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	8	0	1	8	0	0	10	0	0	10	0	1	5	0	1
16 - 20	737	0	59	712	0	51	694	0	73	747	0	58	666	0	33
21 - 24	394	0	46	452	2	45	451	1	33	484	0	38	496	0	52
25 - 64	3,239	2	292	3,148	1	281	3,159	3	288	3,668	2	324	3,811	0	276
65 +	550	0	49	593	1	60	548	1	57	723	2	80	791	0	70
Unknown	2	0	0	2	0	0	1	0	0	0	0	0	1	0	0
Total	4,930	2	447	4,915	4	437	4,863	5	451	5,632	4	501	5,770	0	432

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





The picture above represents all 2014 alcohol-involved fatal crashes in Grand Traverse County.

In 2014, there were 100 alcohol-involved crashes in Grand Traverse County:

- 3 K - Fatal Crashes
- 13 A - Incapacitating Injury Crashes
- 11 B - Non-incapacitating Injury Crashes
- 11 C - Possible Injury Crashes
- 62 O - Property Damage Only/No Injury Crashes

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