MICHIGAN

OHSP

Office of Highway Safety Planning

2014

MTCF
Michigan Traffic
Crash Facts

Michigan Traffic Crash Facts

Gratiot County

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

UMTRI
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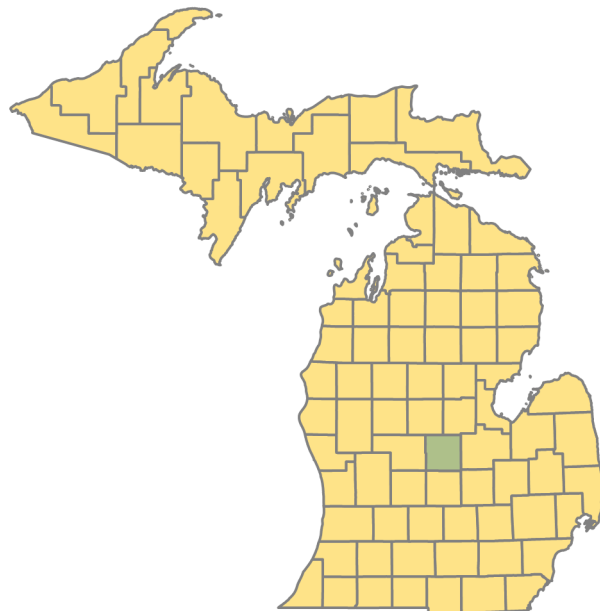
Sources:
The crashes in this report occurred on public roadways in Michigan and resulted in injuries, fatalities, or property damage (with $1,000 as a reporting threshold). The information was gathered from Michigan Traffic Crash Report Forms (UD-10) submitted by local police departments, sheriff's offices, and the Michigan State Police. Other related information was obtained from the departments of Transportation, State, and Community Health.

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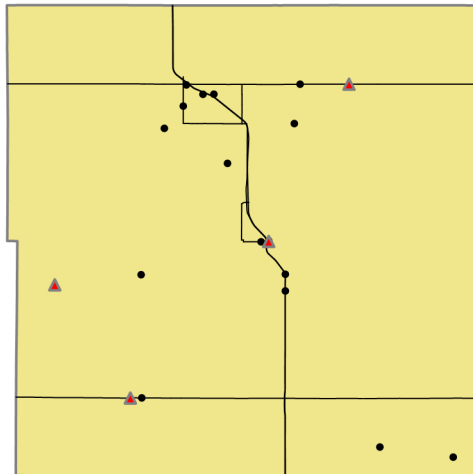
Crashes by most severe injury (mapped/actual)
▲ K - Fatal (4/4)
● A - Incapacitating (16/16)

2014 - Crashes and Injuries by Month

Month	Crashes				Persons	
	Total	Fatal	Injury	Property Damage Only (PDO)	Fatalities	Injuries
January	177	0	17	160	0	23
February	157	1	22	134	1	29
March	125	0	15	110	0	18
April	66	0	9	57	0	13
May	104	0	11	93	0	18
June	135	2	15	118	2	20
July	104	0	21	83	0	27
August	80	1	12	67	1	20
September	89	0	10	79	0	15
October	202	0	13	189	0	23
November	213	0	17	196	0	23
December	107	0	10	97	0	18
Total	**1,559**	**4**	**172**	**1,383**	**4**	**247**

Gratiot County

In 2014:

There were 1,960 drivers involved in 1,559 motor vehicle crashes in Gratiot County. Of those crashes, 4 were classified as fatal, resulting in 4 fatalities. An additional 247 persons were injured.

Gratiot County experienced the highest number of motor vehicle crashes (213) in November, the highest number of fatal crashes (2) and the highest number of persons killed (2) in June.

Michigan driver statistics indicate 6.8 percent of licensed drivers in Gratiot County were age 16-20, and 12.0 percent of drivers in crashes were also in that age group.

2014 - Driver Statistics

Age Group	Statewide			Driver Rates	
	2014 Population	Licensed Drivers	Drivers in Crashes	Per 10k Population	Per 10k Licensed
0 - 15	7,503	256	6	8.0	234.4
16 - 20	3,205	1,898	236	736.3	1,243.4
21 - 24	2,564	1,833	204	795.6	1,112.9
25 - 64	21,546	17,916	1,252	581.1	698.8
65 +	6,847	5,906	206	300.9	348.8
Unknown	- -	- -	56	- -	- -
Total	**41,665**	**27,809**	**1,960**	**470.4**	**704.8**

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	1,434	73.2	3	60.0	177	1,254
Van & motorhome	68	3.5	1	20.0	5	62
Pickup truck	379	19.3	1	20.0	54	324
Small truck under 10,000 lbs. GVWR	15	0.8	0	0.0	1	14
Cycle	12	0.6	0	0.0	9	3
Moped	2	0.1	0	0.0	1	1
Go Cart	0	0.0	0	0.0	0	0
Snowmobile	1	0.1	0	0.0	1	0
Off-Road Vehicle (ORV) & All-Terrain Vehicle (ATV)	2	0.1	0	0.0	0	2
Other	6	0.3	0	0.0	2	4
Truck/bus over 10,000 lbs.	27	1.4	0	0.0	6	21
Unknown	14	0.7	0	0.0	2	12
Total	**1,960**	**100.0**	**5**	**100.0**	**258**	**1,697**

5-Year Trend - Crashes by Month

Month	2010 Total Crashes	2010 Fatal Crashes	2011 Total Crashes	2011 Fatal Crashes	2012 Total Crashes	2012 Fatal Crashes	2013 Total Crashes	2013 Fatal Crashes	2014 Total Crashes	2014 Fatal Crashes
January	173	1	156	1	169	0	129	0	177	0
February	189	0	151	1	141	0	141	1	157	1
March	71	1	109	0	99	2	140	0	125	0
April	103	0	94	2	93	0	94	0	66	0
May	113	0	121	0	140	0	124	1	104	0
June	118	0	156	0	109	0	115	0	135	2
July	96	1	126	1	86	0	94	0	104	0
August	66	1	81	0	80	0	90	0	80	1
September	134	0	108	0	135	0	119	0	89	0
October	240	0	200	1	207	0	180	0	202	0
November	230	0	277	0	233	1	234	0	213	0
December	204	2	140	2	167	0	168	1	107	0
Total	**1,737**	**6**	**1,719**	**8**	**1,659**	**3**	**1,628**	**3**	**1,559**	**4**

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 Total Crashes	2010 Fatal Crashes	2011 Total Crashes	2011 Fatal Crashes	2012 Total Crashes	2012 Fatal Crashes	2013 Total Crashes	2013 Fatal Crashes	2014 Total Crashes	2014 Fatal Crashes
Monday	257	2	265	1	200	1	227	0	230	1
Tuesday	254	2	273	0	226	0	257	0	185	0
Wednesday	255	2	247	0	220	0	256	0	227	0
Thursday	253	0	222	3	248	2	230	1	217	0
Friday	289	0	244	0	328	0	238	1	290	1
Saturday	208	0	244	2	208	0	221	0	218	0
Sunday	221	0	224	2	229	0	199	1	192	2
Total	**1,737**	**6**	**1,719**	**8**	**1,659**	**3**	**1,628**	**3**	**1,559**	**4**

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
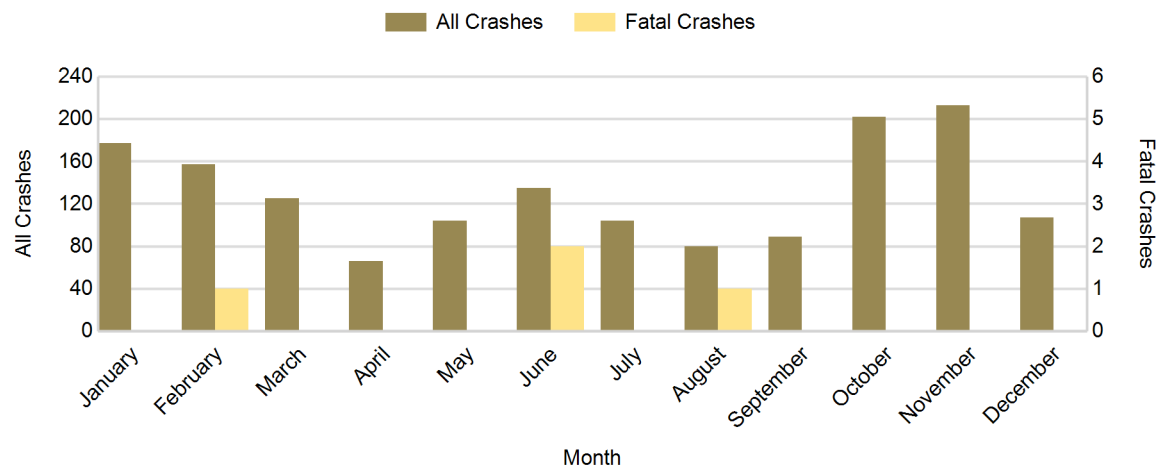
2014 - Crashes by Day of Week

Day	All Crashes		Fatal Crashes		Injury Crashes			PDO Crashes
	Number	% of Total	Number	% of Fatal	A	B	C	Number
Monday	230	14.8	1	25.0	0	4	11	214
Tuesday	185	11.9	0	0.0	4	6	11	164
Wednesday	227	14.6	0	0.0	4	8	15	200
Thursday	217	13.9	0	0.0	0	9	13	195
Friday	290	18.6	1	25.0	4	8	22	255
Saturday	218	14.0	0	0.0	3	11	16	188
Sunday	192	12.3	2	50.0	1	4	18	167
Total	**1,559**	**100.0**	**4**	**100.0**	**16**	**50**	**106**	**1,383**

2014 Day of Week and Severity
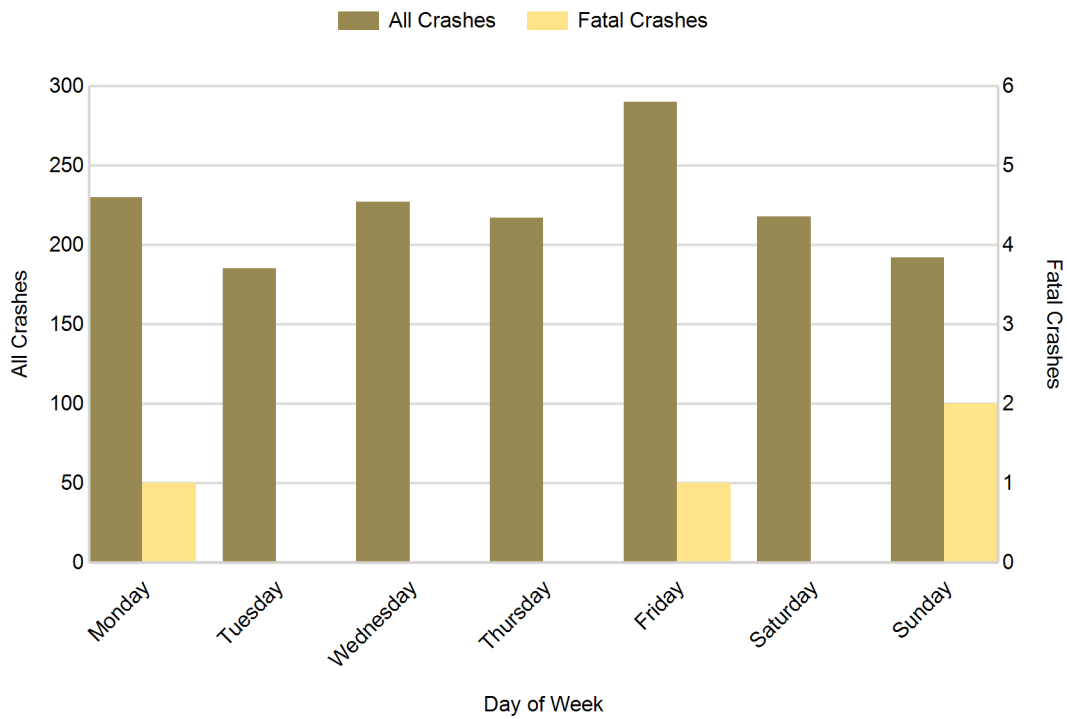
5-Year Trend - Crashes by Weekday and Weekend

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	1,308	6	1,251	4	1,222	3	1,208	2	1,149	2
Weekend	429	0	468	4	437	0	420	1	410	2
Total	**1,737**	**6**	**1,719**	**8**	**1,659**	**3**	**1,628**	**3**	**1,559**	**4**

5-Year Crash Trends by Weekday (Monday - Friday) and Weekend (Saturday & Sunday)
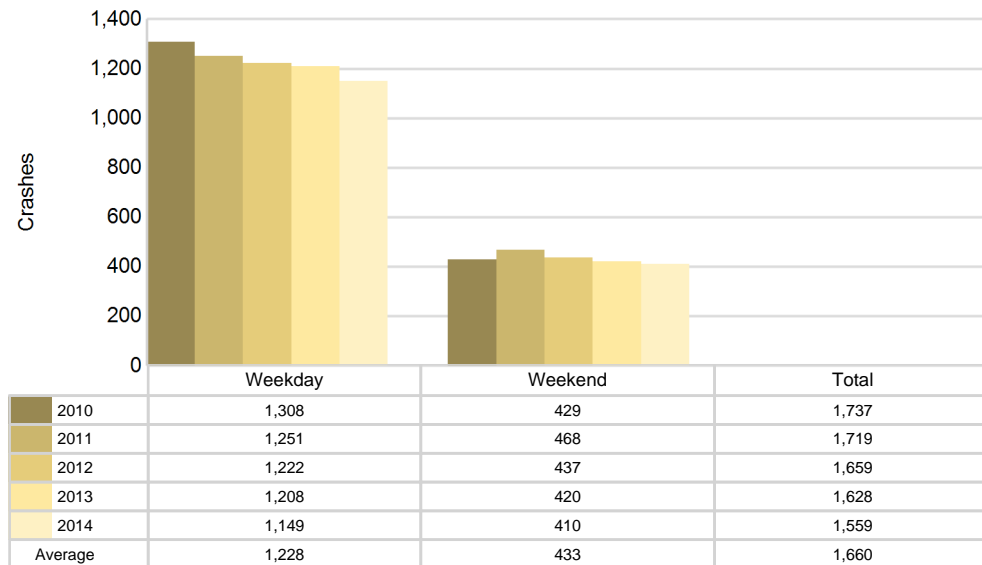
	Weekday	Weekend	Total
2010	1,308	429	1,737
2011	1,251	468	1,719
2012	1,222	437	1,659
2013	1,208	420	1,628
2014	1,149	410	1,559
Average	1,228	433	1,660

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	108	0	111	0	101	0	102	0	102	1
3:00 AM - 5:59 AM	133	0	125	0	124	0	143	1	155	0
6:00 AM - 8:59 AM	319	1	286	0	311	0	274	0	270	0
9:00 AM - 11:59 AM	142	2	135	0	150	0	139	0	141	0
Noon - 2:59 PM	171	3	171	1	179	1	164	0	174	0
3:00 PM - 5:59 PM	205	0	255	4	213	2	215	0	225	1
6:00 PM - 8:59 PM	358 †	0	343 †	1	318 †	0	327 †	2	288 †	1
9:00 PM - 11:59 PM	298	0	289	2	256	0	262	0	204	1
Unknown	3	0	4	0	7	0	2	0	0	0
Total	**1,737**	**6**	**1,719**	**8**	**1,659**	**3**	**1,628**	**3**	**1,559**	**4**

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
2010	108	133	319	142	171	205	358	298	3	1,737
2011	111	125	286	135	171	255	343	289	4	1,719
2012	101	124	311	150	179	213	318	256	7	1,659
2013	102	143	274	139	164	215	327	262	2	1,628
2014	102	155	270	141	174	225	288	204	0	1,559
Average	105	136	292	141	172	223	327	262	3	1,660

**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
2010	0	0	1	2	3	0	0	0	0	6
2011	0	0	0	0	1	4	1	2	0	8
2012	0	0	0	0	1	2	0	0	0	3
2013	0	1	0	0	0	0	2	0	0	3
2014	1	0	0	0	0	1	1	1	0	4
Average	0	0	0	0	1	1	1	1	0	5

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	102	6.5	1	25.0	1	3	2	95
3:00 AM - 5:59 AM	155	9.9	0	0.0	1	6	4	144
6:00 AM - 8:59 AM	270	17.3	0	0.0	2	4	22	242
9:00 AM - 11:59 AM	141	9.0	0	0.0	3	5	20	113
Noon - 2:59 PM	174	11.2	0	0.0	1	10	24	139
3:00 PM - 5:59 PM	225	14.4	1	25.0	6	14	18	186
6:00 PM - 8:59 PM	288	18.5	1	25.0	1	5	10	271
9:00 PM - 11:59 PM	204	13.1	1	25.0	1	3	6	193
Unknown	0	0.0	0	0.0	0	0	0	0
Total	**1,559**	**100.0**	**4**	**100.0**	**16**	**50**	**106**	**1,383**
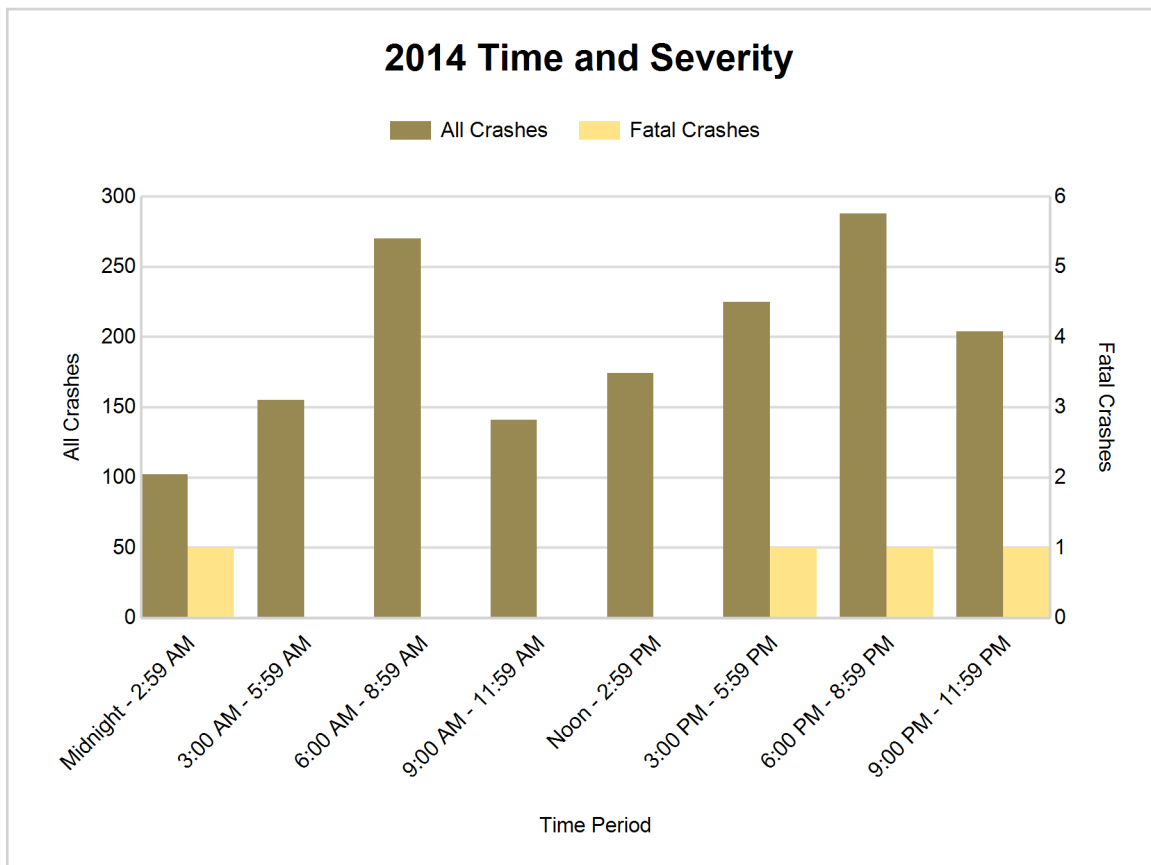
Gratiot County (continued)

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	83	0	91	0	70	0	71	0	82	0
3:00 AM - 5:59 AM	105	0	107	0	91	0	117	0	124	0
6:00 AM - 8:59 AM	225	0	185	0	196	0	192	0	176	0
9:00 AM - 11:59 AM	43	0	31	0	22	0	29	0	24	0
Noon - 2:59 PM	35	0	35	0	42	0	21	0	21	0
3:00 PM - 5:59 PM	44	0	57	0	51	0	54	0	52	0
6:00 PM - 8:59 PM	273 †	0	256 †	0	235 †	0	231 †	0	204 †	0
9:00 PM - 11:59 PM	257	0	229	0	205	0	217	0	167	0
Unknown	2	0	3	0	2	0	1	0	0	0
Total	**1,067**	**0**	**994**	**0**	**914**	**0**	**933**	**0**	**850**	**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
2010	83	105	225	43	35	44	273	257	2	1,067
2011	91	107	185	31	35	57	256	229	3	994
2012	70	91	196	22	42	51	235	205	2	914
2013	71	117	192	29	21	54	231	217	1	933
2014	82	124	176	24	21	52	204	167	0	850
Average	79	109	195	30	31	52	240	215	2	952

2014 Time and Severity of Deer-Involved Crashes

There were no fatal deer-involved crashes in Gratiot County in 2014

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
Alma	153	0	20	133	0	76	0	77	2	0	21	0	26
Arcada Twp.	67	0	7	60	0	0	0	67	2	1	43	0	11
Ashley	5	0	0	5	0	0	0	5	1	0	1	0	0
Bethany Twp.	41	1	7	33	0	4	20	17	0	0	21	1	10
Breckenridge	4	0	0	4	0	0	2	2	0	0	1	0	0
Elba Twp.	62	0	4	58	0	0	32	30	1	0	49	0	4
Emerson Twp.	119	1	10	108	0	74	0	45	1	1	74	1	15
Fulton Twp.	68	0	12	56	0	0	20	48	3	1	43	0	18
Hamilton Twp.	16	0	3	13	0	0	0	16	2	0	11	0	4
Ithaca	58	0	8	50	0	24	0	34	0	0	15	0	13
Lafayette Twp.	42	0	4	38	0	0	0	42	0	0	30	0	6
New Haven Twp.	41	1	2	38	0	0	0	41	0	1	29	1	2
Newark Twp.	72	0	4	68	0	0	0	72	0	0	59	0	9
North Shade Twp.	35	1	4	30	0	0	23	12	2	1	20	1	4
North Star Twp.	117	0	13	104	0	69	0	48	2	1	70	0	23
Perrinton	10	0	0	10	0	0	9	1	0	0	8	0	0
Pine River Twp.	229	0	35	194	0	111	41	77	2	0	96	0	49
St. Louis	64	0	7	57	0	11	36	17	0	0	9	0	12
Seville Twp.	114	0	4	110	0	0	59	55	0	0	89	0	7
Sumner Twp.	91	0	7	84	0	0	0	91	1	0	67	0	8
Washington Twp.	97	0	15	82	0	57	19	21	1	0	56	0	20
Wheeler Twp.	54	0	6	48	0	0	16	38	0	0	38	0	6
Unknown Community	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	**1,559**	**4**	**172**	**1,383**	**0**	**426**	**277**	**856**	**20**	**6**	**850**	**4**	**247**

Gratiot County (continued)

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	5	0	4	0	5	0	4	0	6	0
16 - 20	240	6	270	2	260	2	241	4	236	1
21 - 24	178	2	213	8	190	7	207	8	204	5
25 - 64	1,447	32	1,381	22	1,327	23	1,285	17	1,252	13
65 +	214	0	203	4	241	1	215	0	206	1
Unknown	51	0	62	0	57	1	55	0	56	0
Total	**2,135**	**40**	**2,133**	**36**	**2,080**	**34**	**2,007**	**29**	**1,960**	**20**

5-Year Trend
Total Drivers in Crashes by Age

	0 - 15	16 - 20	21 - 24	25 - 64	65 +	Unknown	Total
2010	5	240	178	1,447	214	51	2,135
2011	4	270	213	1,381	203	62	2,133
2012	5	260	190	1,327	241	57	2,080
2013	4	241	207	1,285	215	55	2,007
2014	6	236	204	1,252	206	56	1,960
Average	5	249	198	1,338	216	56	2,063

5-Year Trend
Total Drivers Coded Drinking by Age

	0 - 15	16 - 20	21 - 24	25 - 64	65 +	Unknown	Total
2010	0	6	2	32	0	0	40
2011	0	2	8	22	4	0	36
2012	0	2	7	23	1	1	34
2013	0	4	8	17	0	0	29
2014	0	1	5	13	1	0	20
Average	0	3	6	21	1	0	32
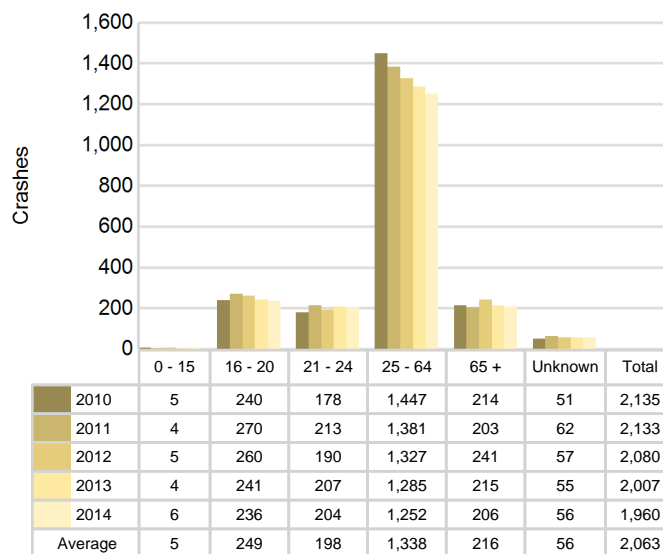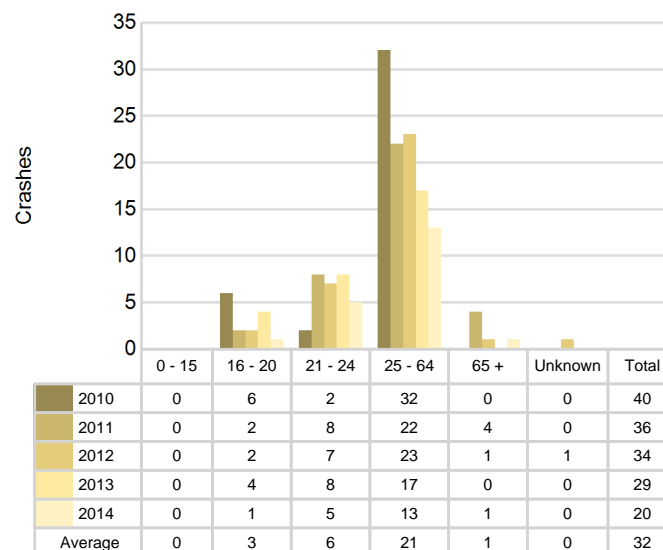
2014 - Bodily Alcohol Concentration (BAC) Results Among All Vehicle Drivers in Alcohol-Involved Crashes by Age

| 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	1	0	0	0	0	0	0	0
16 - 20	1	6	1	1	0	1	0	0	0
21 - 24	6	4	3	5	0	0	2	0	3
25 - 64	14	17	11	13	0	0	5	3	5
65 +	1	3	1	1	0	0	0	0	1
Unknown	1	0	0	0	0	0	0	0	0
Total	**23**	**31**	**16**	**20**	**0**	**1**	**7**	**3**	**9**

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.

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	1,737	40	2.3	6	0	0.0	26	4	15.4	44	11	25.0
2011	1,719	37	2.2	8	2	25.0	18	1	5.6	66	12	18.2
2012	1,659	35	2.1	3	0	0.0	38	4	10.5	54	7	13.0
2013	1,628	30	1.8	3	2	66.7	30	4	13.3	49	4	8.2
2014	1,559*	20*	1.3*	4	1	25.0	16*	1	6.3	50	4	8.0*

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

5-Year Trend Crashes Involving Alcohol

Note: Had-Been-Drinking (HBD)

Gratiot County (continued)
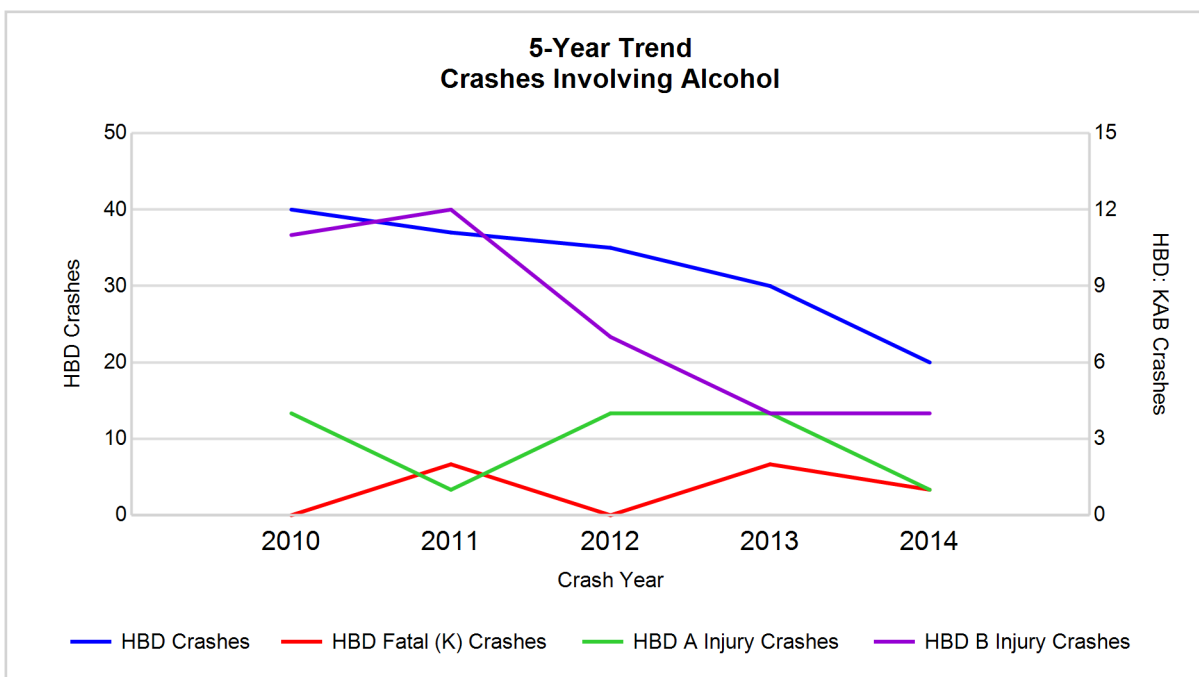
5-Year Trend - Crashes Involving Drugs

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	1,737	4	0.2	6	0	0.0	26	0	0.0	44	0	0.0
2011	1,719	6	0.3	8	0	0.0	18	0	0.0	66	0	0.0
2012	1,659	10	0.6	3	1	33.3	38	2	5.3	54	2	3.7
2013	1,628	10	0.6	3	0	0.0	30	1	3.3	49	4	8.2
2014	1,559*	6	0.4	4	2**	50.0**	16*	0	0.0	50	0	0.0

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
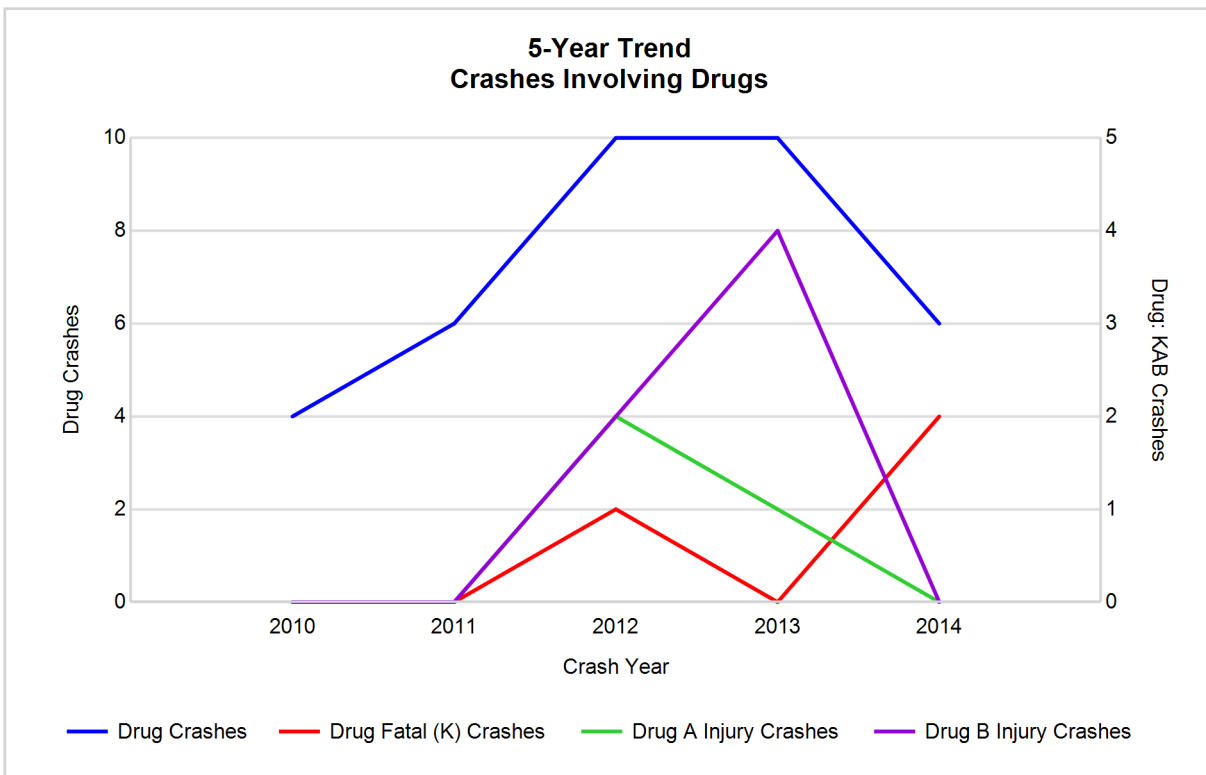

5-Year Trend
Crashes Involving Drugs

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	1,737	42	2.4	6	0	0.0	26	4	15.4	44	11	25.0
2011	1,719	39	2.3	8	2	25.0	18	1	5.6	66	12	18.2
2012	1,659	43	2.6	3	1	33.3	38	6	15.8	54	9	16.7
2013	1,628	34	2.1	3	2	66.7	30	5	16.7	49	5	10.2
2014	1,559*	24*	1.5*	4	2	50.0	16*	1	6.3	50	4*	8.0*

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
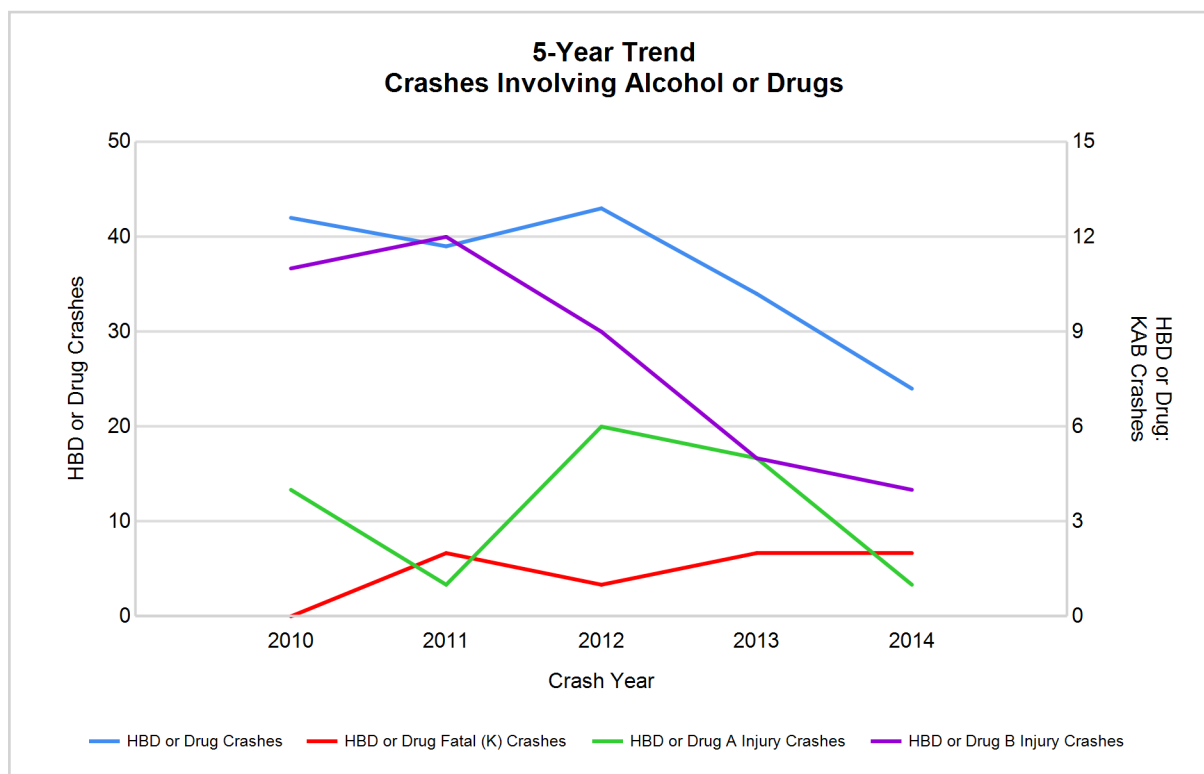

Note: Had-Been-Drinking (HBD)

Gratiot County (continued)

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	1,483	1,385	93.4	2	1	50.0	12	12	100.0	40	34	85.0	122	114	93.4	1,284	1,224	95.3
Van & motorhome	70	66	94.3	1	1	100.0	2	2	100.0	0	0	0.0	5	5	100.0	61	58	95.1
Pickup truck	396	365	92.2	1	0	0.0	3	3	100.0	15	12	80.0	25	22	88.0	342	328	95.9
Small truck under 10,000 lbs. GVWR	16	15	93.8	0	0	0.0	1	0	0.0	0	0	0.0	0	0	0.0	15	15	100.0
Cycle	13	10	76.9	0	0	0.0	3	2	66.7	4	4	100.0	3	2	66.7	3	2	66.7
Moped	2	1	50.0	0	0	0.0	0	0	0.0	0	0	0.0	1	0	0.0	1	1	100.0
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	0	0	0.0	0	0	0.0	1	1	100.0	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	6	2	33.3	0	0	0.0	0	0	0.0	0	0	0.0	1	0	0.0	4	2	50.0
Truck/bus over 10,000 lbs.	27	24	88.9	0	0	0.0	0	0	0.0	0	0	0.0	1	1	100.0	25	23	92.0
Unknown	14	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0
Total	**2,030**	**1,869**	**92.1**	**4**	**2**	**0.0**	**21**	**19**	**90.5**	**59**	**50**	**84.7**	**159**	**145**	**91.2**	**1,737**	**1,653**	**95.2**

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	21	15	71.4	1	0	0.0	1	1	100.0	4	2	50.0	11	8	72.7	4	4	100.0
16 - 20	244	232	95.1	0	0	0.0	3	3	100.0	9	8	88.9	32	31	96.9	199	190	95.5
21 - 24	211	198	93.8	0	0	0.0	0	0	0.0	9	9	100.0	19	16	84.2	183	173	94.5
25 - 64	1,283	1,217	94.9	1	0	0.0	15	13	86.7	28	23	82.1	77	73	94.8	1,161	1,108	95.4
65 +	215	206	95.8	2	2	100.0	2	2	100.0	9	8	88.9	20	17	85.0	182	177	97.3
Unknown	56	1	1.8	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	8	1	12.5
Total	**2,030**	**1,869**	**92.1**	**4**	**2**	**0.0**	**21**	**19**	**90.5**	**59**	**50**	**84.7**	**159**	**145**	**91.2**	**1,737**	**1,653**	**95.2**

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.

Gratiot County (continued)

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	8	0	2	16	0	3	10	0	2	25	0	6	19	0	3
Shoulder belt only used	2	0	0	0	0	0	2	0	0	0	0	0	1	0	0
Lap belt only used	6	0	0	2	0	0	3	0	0	2	0	0	6	1	0
Both lap & shoulder belts used	2,015	4	133	1,999	1	164	1,957	2	177	1,873	1	149	1,793	0	149
No belts used	10	1	7	12	3	4	10	1	5	12	2	8	11	2	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	2	0	0	0	0	0	0	0	0	0	0	0
Restraint use unknown	18	0	6	20	0	6	28	0	13	25	0	4	54	0	5
Helmet worn	16	1	9	10	0	9	12	0	10	8	0	4	11	0	8
Helmet not worn	1	0	1	1	0	1	1	0	1	1	0	1	6	0	3
Helmet use unknown	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0
Uncoded & errors	59	0	1	71	0	1	57	0	3	60	0	0	59	0	0
Total	**2,135**	**6**	**159**	**2,133**	**4**	**188**	**2,080**	**3**	**211**	**2,007**	**3**	**173**	**1,960**	**3**	**170**

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	1	0	0	1	0	1	0	0	0	4	0	2	0	0	0
Shoulder belt only used	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lap belt only used	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Both lap & shoulder belts used	30	0	16	24	0	11	24	0	6	16	1	6	12	0	3
No belts used	4	0	2	5	1	2	2	0	1	3	1	2	1	1	0
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	0	0	0
Restraint use unknown	3	0	2	5	0	3	4	0	3	3	0	0	7	0	3
Helmet worn	2	0	1	0	0	0	3	0	3	1	0	1	0	0	0
Helmet not worn	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0
Helmet use unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Uncoded & errors	0	0	0	1	0	0	1	0	0	1	0	0	0	0	0
Total	**40**	**0**	**21**	**36**	**1**	**17**	**34**	**0**	**13**	**29**	**2**	**12**	**20**	**1**	**6**

Gratiot County (continued)

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	1	0	0	0	1	1	0
16 - 20	4	0	3	4	1	1	2	0	1	3	0	2	2	0	0
21 - 24	0	0	0	3	0	0	5	0	2	9	0	5	2	0	1
25 - 64	13	0	6	19	2	4	9	0	3	21	2	5	21	1	3
65 +	1	1	0	2	0	2	2	1	0	3	0	1	4	0	1
Unknown	0	0	0	0	0	0	1	0	0	1	0	1	0	0	0
Total	**18**	**1**	**9**	**28**	**3**	**7**	**20**	**1**	**7**	**37**	**2**	**14**	**30**	**2**	**5**

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
2010	0	4	0	13	1	0	18
2011	0	4	3	19	2	0	28
2012	1	2	5	9	2	1	20
2013	0	3	9	21	3	1	37
2014	1	2	2	21	4	0	30
Average	0	3	4	17	2	0	27

Gratiot County (continued)
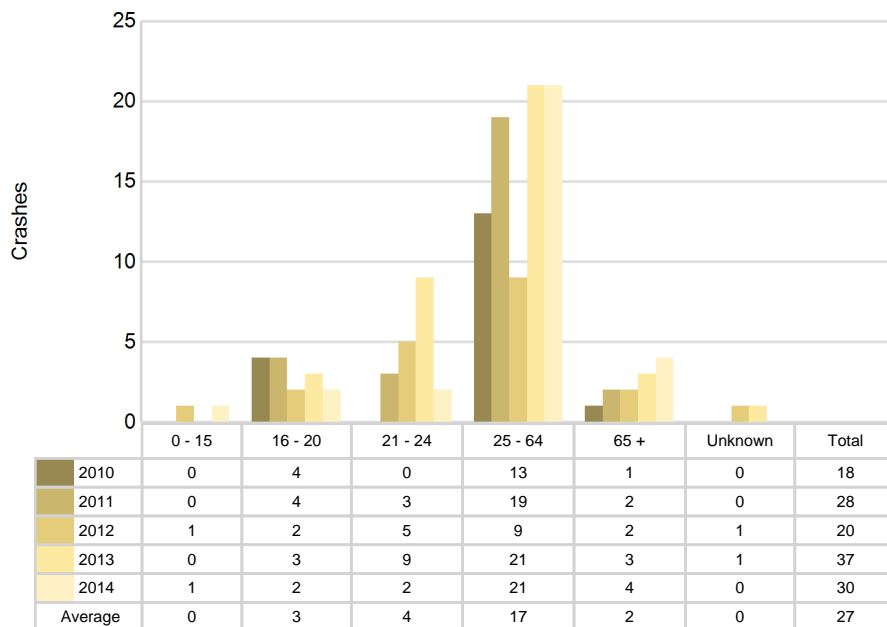
5-Year Trend - Seatbelt Used Among Drivers by Age

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	5	0	1	3	0	0	4	0	1	4	0	0	4	0	0
16 - 20	230	0	19	264	0	28	254	0	33	230	0	22	225	0	36
21 - 24	173	0	11	204	1	15	180	0	21	195	0	20	191	0	18
25 - 64	1,406	2	87	1,331	0	103	1,285	2	98	1,237	1	89	1,182	0	75
65 +	208	2	15	201	0	18	238	0	24	209	0	18	197	1	20
Unknown	1	0	0	0	0	0	1	0	0	0	0	0	1	0	0
Total	**2,023**	**4**	**133**	**2,003**	**1**	**164**	**1,962**	**2**	**177**	**1,875**	**1**	**149**	**1,800**	**1**	**149**

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
2010	5	230	173	1,406	208	1	2,023
2011	3	264	204	1,331	201	0	2,003
2012	4	254	180	1,285	238	1	1,962
2013	4	230	195	1,237	209	0	1,875
2014	4	225	191	1,182	197	1	1,800
Average	4	241	189	1,288	211	1	1,933
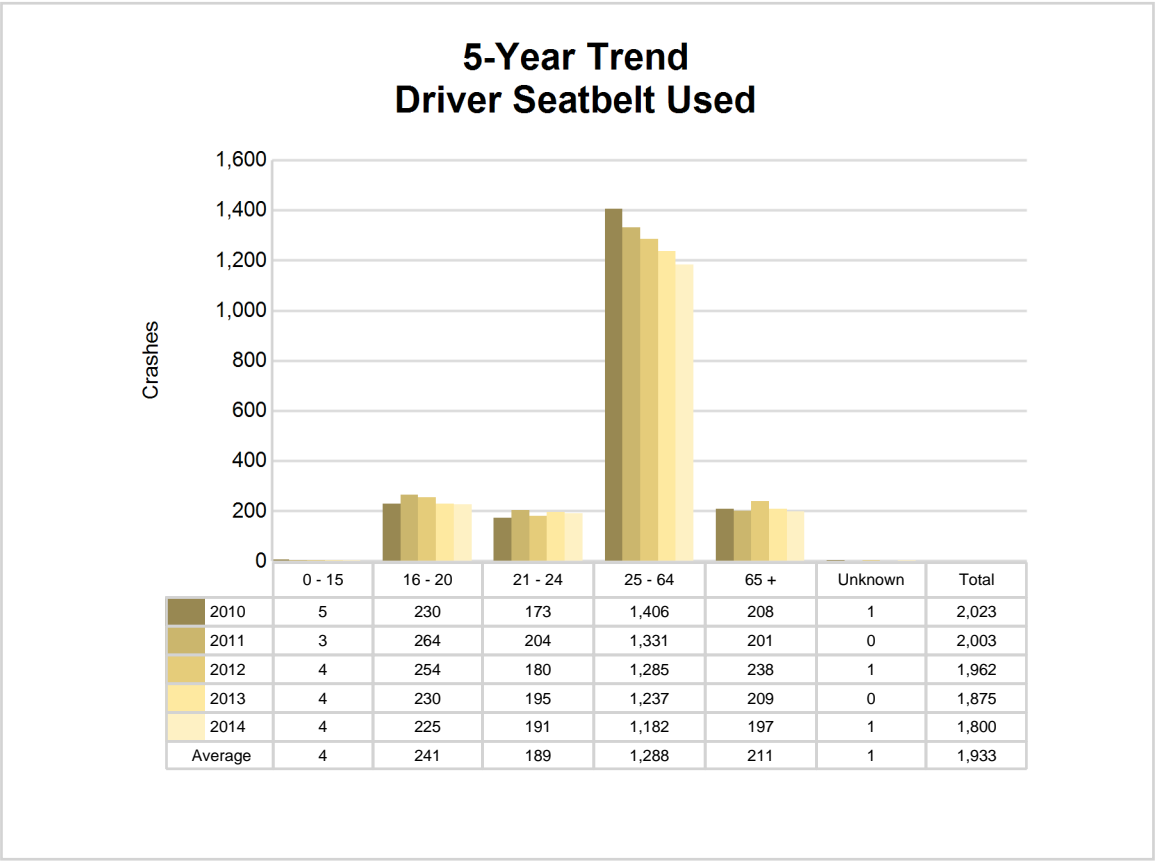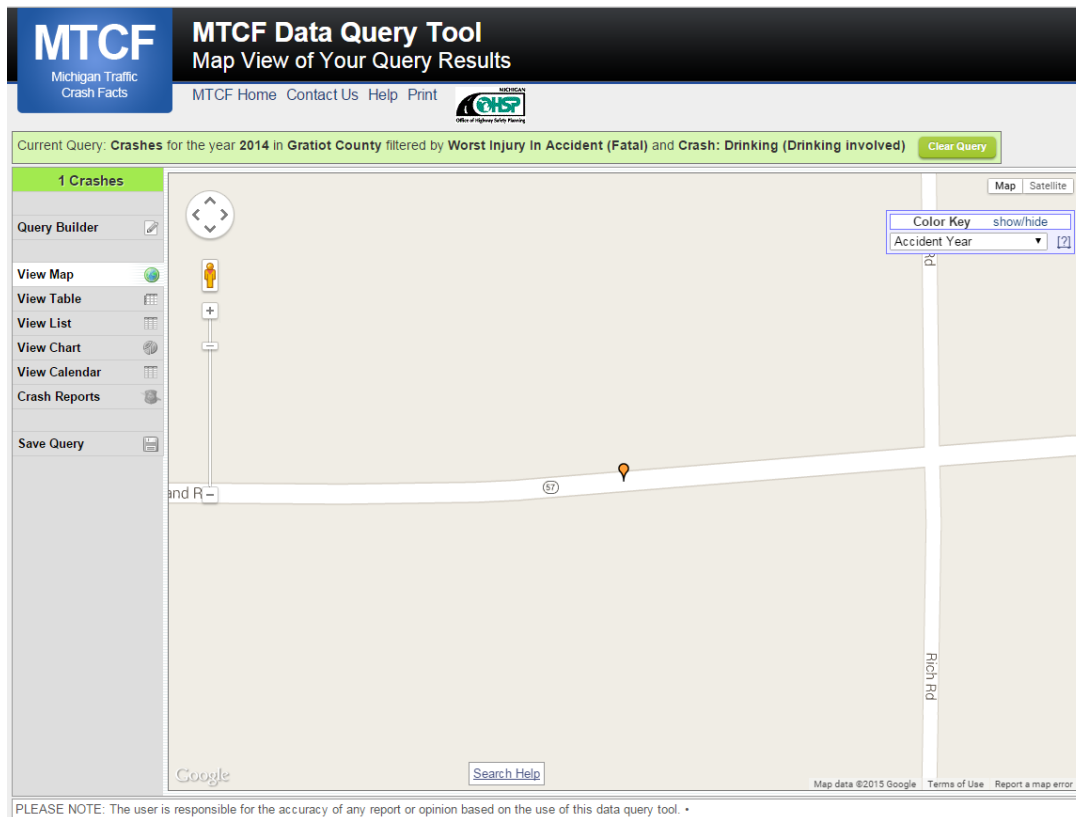
The picture above represents all 2014 alcohol-involved fatal crashes in Gratiot County.

In 2014, there were 20 alcohol-involved crashes in Gratiot County:

1	K - Fatal Crashes
1	A - Incapacitating Injury Crashes
4	B - Non-incapacitating Injury Crashes
2	C - Possible Injury Crashes
12	O - Property Damage Only/No Injury Crashes

Office of Highway Safety Planning

333 South Grand Avenue
P.O. Box 30634
Lansing, Michigan 48909
Phone: (517) 241-2500
Fax: (517) 241-2501

Find us on the web:
MichiganTrafficCrashFacts.org