MICHIGAN

OHSP

Office of Highway Safety Planning

2017

MTCF
Michigan Traffic Crash Facts

Michigan Traffic Crash Facts

Roscommon County

2017 Traffic Crash Data
& 2013-2017 5-Year Trends

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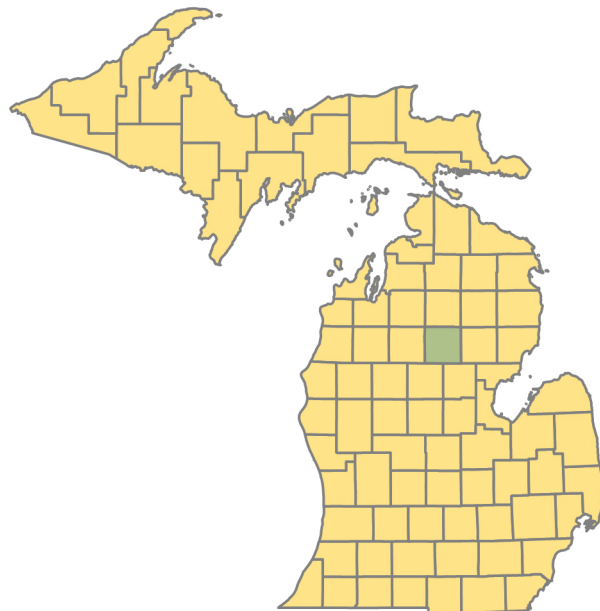
Sources:
The crashes in this report occurred on public roadways in Michigan and resulted in injuries, fatalities, or property damage (with $1,000 as a reporting threshold). The information was gathered from Michigan Traffic Crash Report Forms (UD-10) submitted by local police departments, sheriff's offices,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

This page left intentionally blank
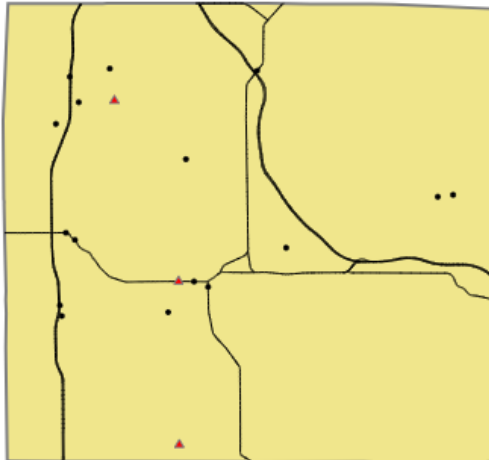
Roscommon County

Crashes by most severe injury (mapped/actual)
▲ K - Fatal (3/3)
● A - Suspected Serious (16/17)

Roscommon County

In 2017:

There were 952 drivers involved in 740 motor vehicle crashes in Roscommon County. Of those crashes, 3 were classified as fatal, resulting in 3 fatalities. An additional 151 persons were injured.

Roscommon County experienced the highest number of motor vehicle crashes (109) in November, the highest number of fatal crashes (1) and the highest number of persons killed (1) in March, August, and October.

Michigan driver statistics indicate 4.1 percent of licensed drivers in Roscommon County were age 16-20, and 10.5 percent of drivers in crashes were also in that age group.

2017 - Crashes and Injuries by Month

Month	Crashes				Persons	
	Total	Fatal	Injury	Property Damage Only (PDO)	Fatalities	Injuries
January	52	0	8	44	0	8
February	60	0	8	52	0	10
March	58	1	9	48	1	13
April	42	0	8	34	0	12
May	57	0	5	52	0	8
June	59	0	9	50	0	12
July	55	0	11	44	0	14
August	57	1	17	39	1	29
September	54	0	12	42	0	15
October	68	1	3	64	1	5
November	109	0	15	94	0	17
December	69	0	8	61	0	8
Total	**740**	**3**	**113**	**624**	**3**	**151**

2017 - Driver Statistics

Age Group	Roscommon County			Driver Rates	
	2017 Population	Licensed Drivers	Drivers in Crashes	Per 10k Population	Per 10k Licensed
0 - 15	3,110	83	1	3.2	120.5
16 - 20	938	803	100	1,066.1	1,245.3
21 - 24	743	741	73	982.5	985.2
25 - 64	11,442	10,839	595	520.0	548.9
65 +	7,662	7,263	157	204.9	216.2
Unknown	0	0	26	- -	- -
Total	**23,895**	**19,729**	**952**	**398.4**	**482.5**

2017 - 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	684	71.8	3	60.0	115	566
Motor home	4	0.4	0	0.0	0	4
Pickup truck	212	22.3	1	20.0	29	182
Small truck under 10,000 lbs. GVWR	6	0.6	0	0.0	0	6
Motorcycle	6	0.6	0	0.0	5	1
Moped / goped	0	0.0	0	0.0	0	0
Go-cart / golf cart	0	0.0	0	0.0	0	0
Snowmobile	0	0.0	0	0.0	0	0
Off-Road Vehicle - ORV / All-Terrain Vehicle - ATV	12	1.3	1	20.0	7	4
Other	2	0.2	0	0.0	1	1
Truck/bus over 10,000 lbs.	20	2.1	0	0.0	3	17
Unknown	6	0.6	0	0.0	0	6
Total	**952**	**100.0**	**5**	**100.0**	**160**	**787**

Roscommon County (continued)

5-Year Trend - Crashes by Month

| Month	2013 Total Crashes	2013 Fatal Crashes	2014 Total Crashes	2014 Fatal Crashes	2015 Total Crashes	2015 Fatal Crashes	2016 Total Crashes	2016 Fatal Crashes	2017 Total Crashes	2017 Fatal Crashes
January	69	0	77	0	66	0	52	0	52	0
February	62	2	52	1	40	0	56	0	60	0
March	34	1	55	0	52	0	44	0	58	1
April	59	0	49	0	50	0	54	0	42	0
May	50	0	66	3	46	0	60	0	57	0
June	69	1	47	0	52	0	60	0	59	0
July	60	0	64	0	76	0	78	1	55	0
August	52	2	52	0	57	1	60	0	57	1
September	67	0	52	0	52	0	54	0	54	0
October	76	1	58	0	66	0	56	1	68	1
November	92 †	0	97 †	0	84 †	1	114 †	0	109 †	0
December	79	0	82	0	60	0	82	1	69	0
Total	**769**	**7**	**751**	**4**	**701**	**2**	**770**	**3**	**740**	**3**

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	2013 Total Crashes	2013 Fatal Crashes	2014 Total Crashes	2014 Fatal Crashes	2015 Total Crashes	2015 Fatal Crashes	2016 Total Crashes	2016 Fatal Crashes	2017 Total Crashes	2017 Fatal Crashes
Monday	103	0	84	0	90	1	109	0	98	1
Tuesday	108	1	102	0	102	1	72	0	84	0
Wednesday	95	1	89	1	102	0	118	0	97	0
Thursday	129	0	125	0	83	0	126	2	96	0
Friday	123	2	132	0	115	0	135	0	138	0
Saturday	119	2	112	1	121	0	106	0	123	2
Sunday	92	1	107	2	88	0	104	1	104	0
Total	**769**	**7**	**751**	**4**	**701**	**2**	**770**	**3**	**740**	**3**

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

2017 Crashes by Month

All Crashes · Fatal Crashes
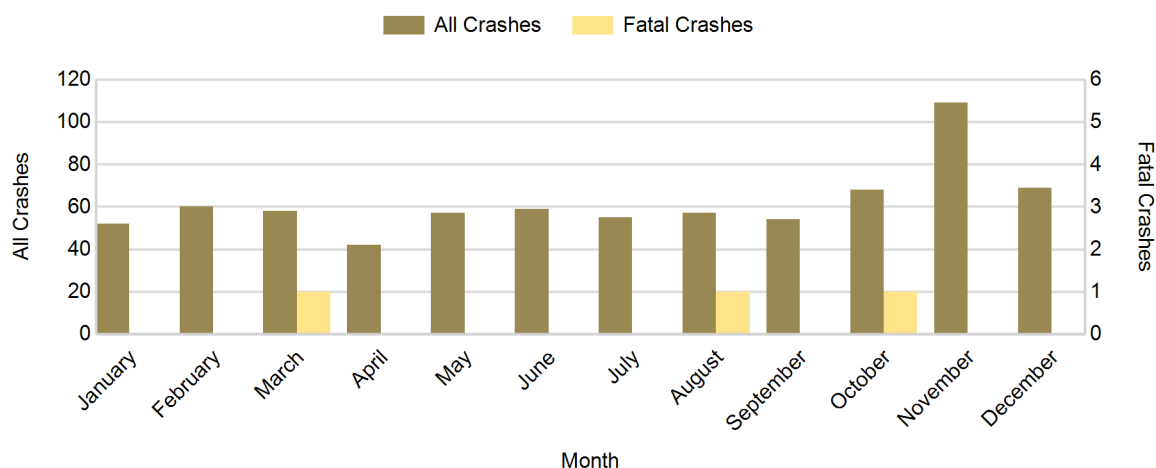
2017 - Crashes by Day of Week

Day	All Crashes		Fatal Crashes		Injury Crashes			PDO Crashes
	Number	% of Total	Number	% of Fatal	A	B	C	Number
Monday	98	13.2	1	33.3	0	9	7	81
Tuesday	84	11.4	0	0.0	1	2	4	77
Wednesday	97	13.1	0	0.0	2	9	8	78
Thursday	96	13.0	0	0.0	1	4	5	86
Friday	138	18.6	0	0.0	2	6	14	116
Saturday	123	16.6	2	66.7	4	9	8	100
Sunday	104	14.1	0	0.0	7	5	6	86
Total	**740**	**100.0**	**3**	**100.0**	**17**	**44**	**52**	**624**

2017 Day of Week and Severity
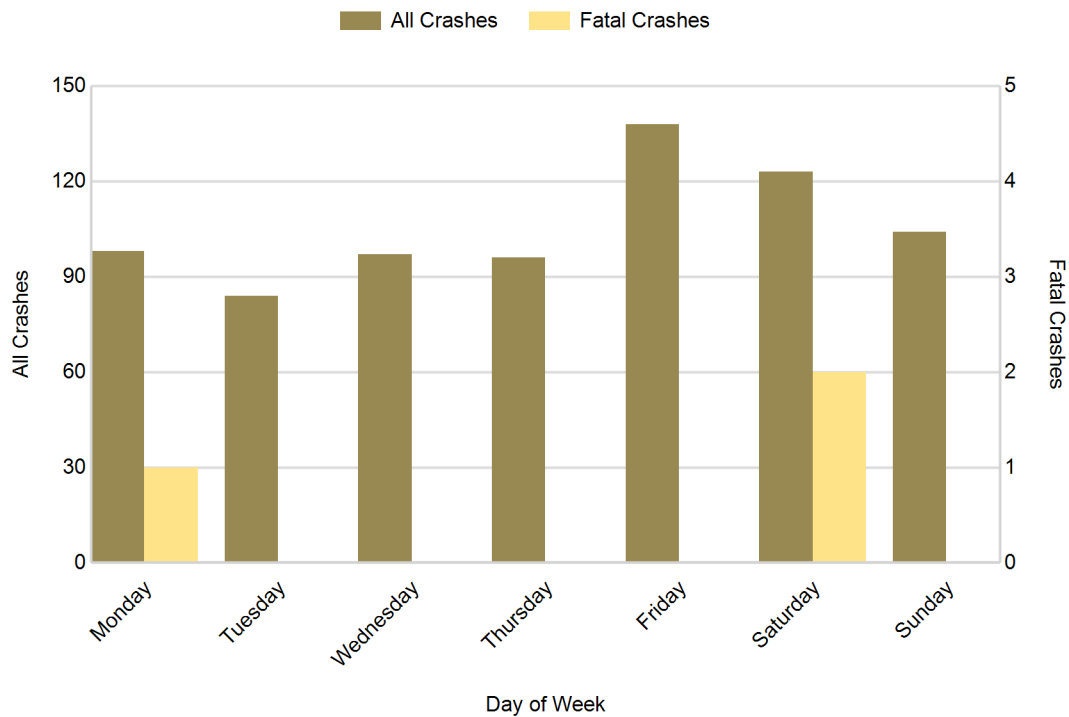
5-Year Trend - Crashes by Weekday and Weekend

Portion of Week	2013		2014		2015		2016		2017	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Weekday	558	4	532	1	492	2	560	2	513	1
Weekend	211	3	219	3	209	0	210	1	227	2
Total	**769**	**7**	**751**	**4**	**701**	**2**	**770**	**3**	**740**	**3**

5-Year Crash Trends by Weekday (Monday - Friday) and Weekend (Saturday & Sunday)
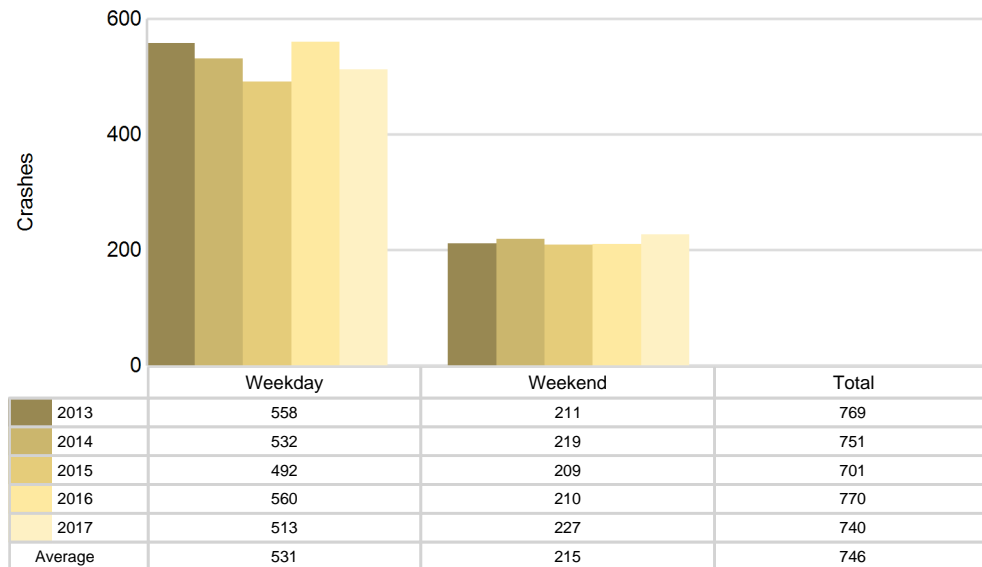
	Weekday	Weekend	Total
2013	558	211	769
2014	532	219	751
2015	492	209	701
2016	560	210	770
2017	513	227	740
Average	531	215	746

Roscommon County (continued)

5-Year Trend - Crashes by Time of Day

Time of Day	2013		2014		2015		2016		2017	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Midnight - 2:59 AM	51	0	39	0	38	0	39	1	41	1
3:00 AM - 5:59 AM	38	0	39	0	30	0	40	0	30	0
6:00 AM - 8:59 AM	124	0	123	1	111	0	90	0	103	0
9:00 AM - 11:59 AM	106	1	93	1	81	0	102	0	101	0
Noon - 2:59 PM	91	3	111	1	117	1	114	0	113	1
3:00 PM - 5:59 PM	106	0	117	0	92	0	137	1	130	0
6:00 PM - 8:59 PM	146	3	129	0	126	0	139	1	127	1
9:00 PM - 11:59 PM	107	0	100	1	106	1	108	0	95	0
Unknown	0	0	0	0	0	0	1	0	0	0
Total	**769**	**7**	**751**	**4**	**701**	**2**	**770**	**3**	**740**	**3**

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
2013	51	38	124	106	91	106	146	107	0	769
2014	39	39	123	93	111	117	129	100	0	751
2015	38	30	111	81	117	92	126	106	0	701
2016	39	40	90	102	114	137	139	108	1	770
2017	41	30	103	101	113	130	127	95	0	740
Average	42	35	110	97	109	116	133	103	0	746

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
2013	0	0	0	1	3	0	3	0	0	7
2014	0	0	1	1	1	0	0	1	0	4
2015	0	0	0	0	1	0	0	1	0	2
2016	1	0	0	0	0	1	1	0	0	3
2017	1	0	0	0	1	0	1	0	0	3
Average	0	0	0	0	1	0	1	0	0	4

2017 - Time and Severity
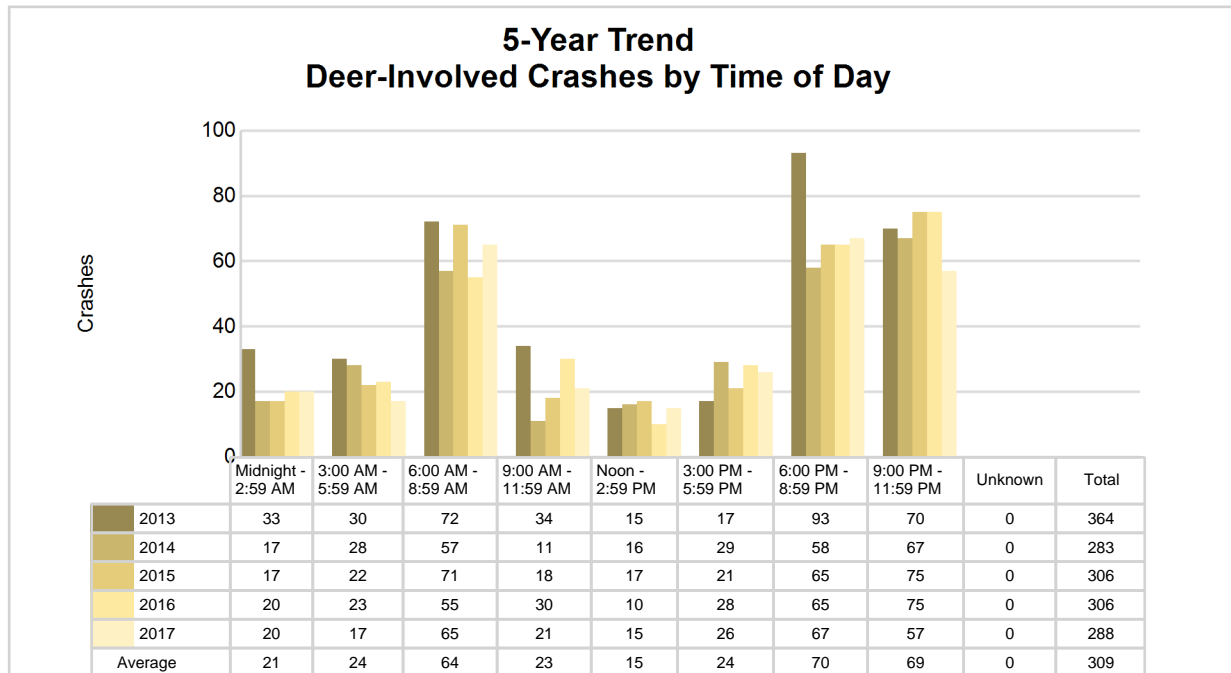
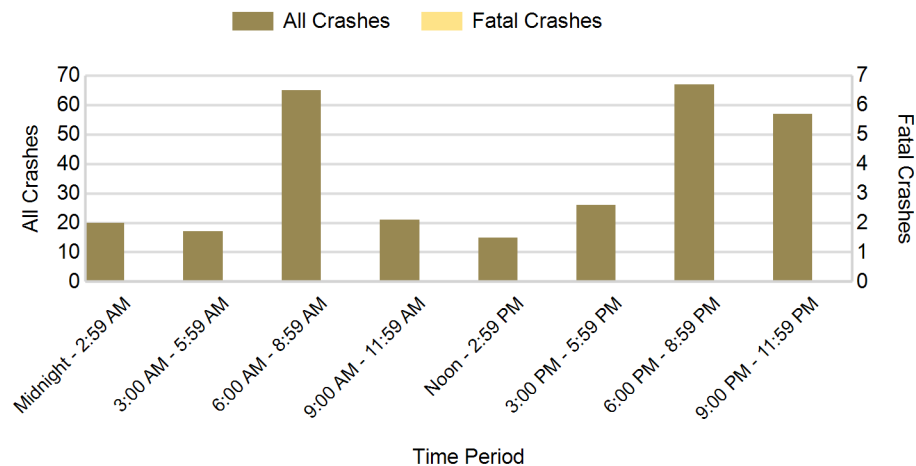| Time of Day		All Crashes		Fatal Crashes		Injury Crashes			PDO Crashes
		Number	% of Total	Number	% of Fatal	A	B	C	Number
Midnight	- 2:59 AM	41	5.5	1	33.3	0	3	1	36
3:00 AM	- 5:59 AM	30	4.1	0	0.0	0	2	1	27
6:00 AM	- 8:59 AM	103	13.9	0	0.0	2	4	8	89
9:00 AM	- 11:59 AM	101	13.6	0	0.0	2	7	5	87
Noon	- 2:59 PM	113	15.3	1	33.3	6	6	12	88
3:00 PM	- 5:59 PM	130	17.6	0	0.0	4	11	13	102
6:00 PM	- 8:59 PM	127	17.2	1	33.3	3	7	7	109
9:00 PM	- 11:59 PM	95	12.8	0	0.0	0	4	5	86
Unknown		0	0.0	0	0.0	0	0	0	0
Total		**740**	**100.0**	**3**	**100.0**	**17**	**44**	**52**	**624**
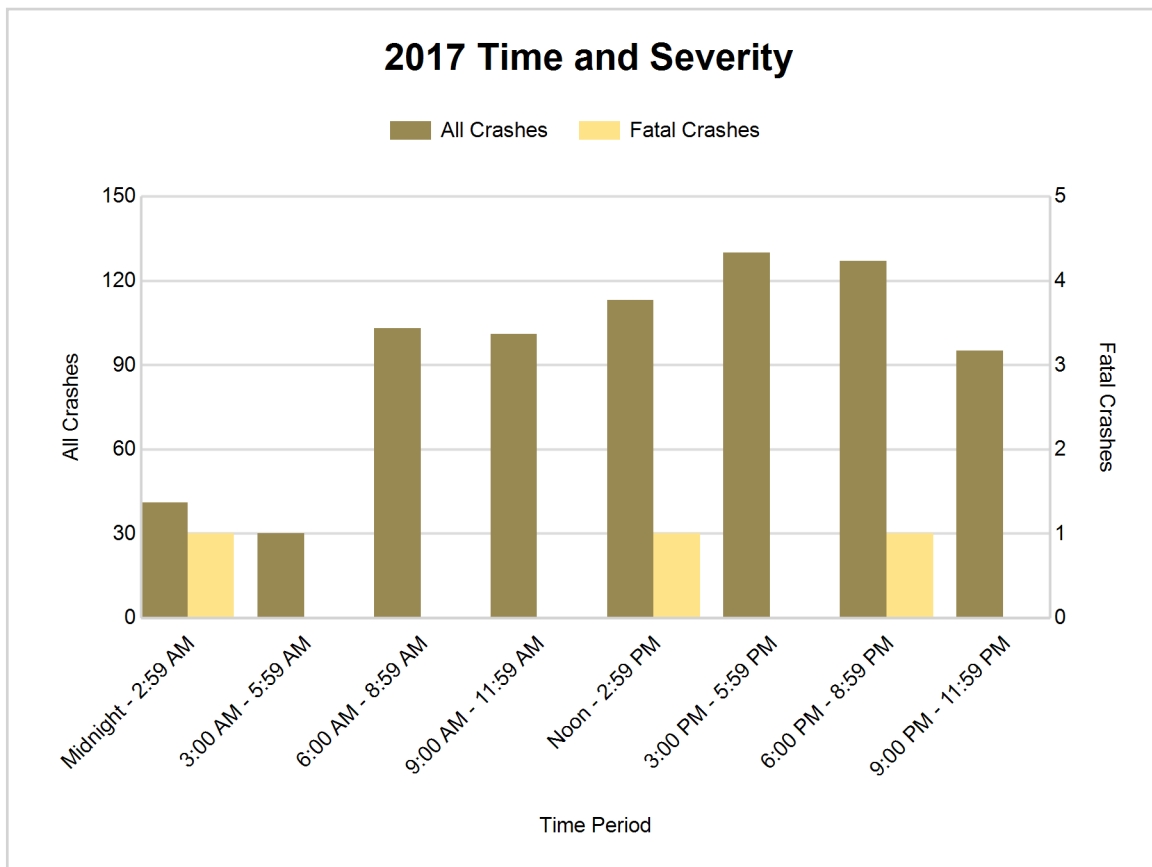
5-Year Trend - Deer-Involved Crashes by Time of Day

Time of Day	2013		2014		2015		2016		2017	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Midnight - 2:59 AM	33	0	17	0	17	0	20	1	20	0
3:00 AM - 5:59 AM	30	0	28	0	22	0	23	0	17	0
6:00 AM - 8:59 AM	72	0	57	0	71	0	55	0	65	0
9:00 AM - 11:59 AM	34	0	11	0	18	0	30	0	21	0
Noon - 2:59 PM	15	0	16	0	17	0	10	0	15	0
3:00 PM - 5:59 PM	17	0	29	0	21	0	28	0	26	0
6:00 PM - 8:59 PM	93	0	58	0	65	0	65	0	67	0
9:00 PM - 11:59 PM	70	0	67	0	75	0	75	0	57	0
Unknown	0	0	0	0	0	0	0	0	0	0
Total	**364**	**0**	**283**	**0**	**306**	**0**	**306**	**1**	**288**	**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
2013	33	30	72	34	15	17	93	70	0	364
2014	17	28	57	11	16	29	58	67	0	283
2015	17	22	71	18	17	21	65	75	0	306
2016	20	23	55	30	10	28	65	75	0	306
2017	20	17	65	21	15	26	67	57	0	288
Average	21	24	64	23	15	24	70	69	0	309

2017 Time and Severity of Deer-Involved Crashes

There were no fatal deer-involved crashes in Roscommon County in 2017

Roscommon County (continued)
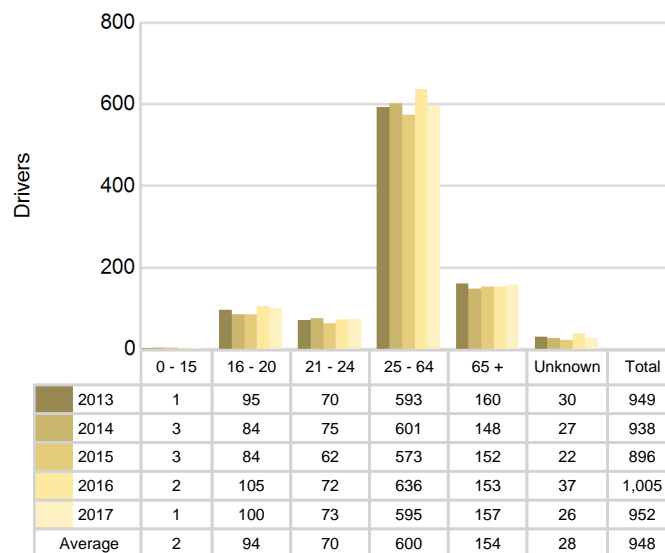
2017 - Reported Motor Vehicle Crashes by Municipality

| Municipality | Crashes | | | | | | | | | | | Persons | |
	Total	Fatal	Injury	Property Damage	Inter-state	US Route	State Route	Local Street	Alcohol-Involved	Drug-Involved	Deer-Involved	Fatalities	Injuries
Au Sable Twp.	9	0	1	8	0	0	1	7	1	0	5	0	1
Backus Twp.	25	0	5	20	14	0	9	2	0	0	7	0	5
Denton Twp.	136	1	31	104	0	0	98	38	7	1	34	1	42
Gerrish Twp.	78	0	12	66	27	0	0	51	4	1	34	0	18
Higgins Twp.	66	0	10	56	35	0	16	11	0	0	34	0	15
Lake Twp.	34	0	4	30	0	20	0	14	1	0	12	0	6
Lyon Twp.	56	1	4	51	0	36	0	20	1	2	22	1	7
Markey Twp.	51	0	4	47	0	0	10	41	2	1	38	0	5
Nester Twp.	13	0	1	12	0	0	0	13	1	0	9	0	1
Richfield Twp.	89	0	10	79	22	0	10	54	3	0	31	0	13
Roscommon	27	0	2	25	3	0	18	6	2	0	5	0	2
Roscommon Twp.	156	1	29	126	0	46	56	53	8	2	57	1	36
Unknown Community	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	**740**	**3**	**113**	**624**	**101**	**102**	**218**	**310**	**30**	**7**	**288**	**3**	**151**

Roscommon County (continued)

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

Driver Age	2013 Total Drivers in Crashes	2013 Total Drivers Coded Drinking	2014 Total Drivers in Crashes	2014 Total Drivers Coded Drinking	2015 Total Drivers in Crashes	2015 Total Drivers Coded Drinking	2016 Total Drivers in Crashes	2016 Total Drivers Coded Drinking	2017 Total Drivers in Crashes	2017 Total Drivers Coded Drinking
0 - 15	1	0	3	0	3	0	2	0	1	0
16 - 20	95	1	84	2	84	0	105	2	100	2
21 - 24	70	4	75	3	62	3	72	3	73	4
25 - 64	593	20	601	16	573	20	636	16	595	22
65 +	160	1	148	2	152	2	153	3	157	1
Unknown	30	0	27	0	22	0	37	0	26	0
Total	949	26	938	23	896	25	1,005	24	952	29

5-Year Trend
Total Drivers in Crashes by Age

	0 - 15	16 - 20	21 - 24	25 - 64	65 +	Unknown	Total
2013	1	95	70	593	160	30	949
2014	3	84	75	601	148	27	938
2015	3	84	62	573	152	22	896
2016	2	105	72	636	153	37	1,005
2017	1	100	73	595	157	26	952
Average	2	94	70	600	154	28	948

5-Year Trend
Total Drivers Coded Drinking by Age

	0 - 15	16 - 20	21 - 24	25 - 64	65 +	Unknown	Total
2013	0	1	4	20	1	0	26
2014	0	2	3	16	2	0	23
2015	0	0	3	20	2	0	25
2016	0	2	3	16	3	0	24
2017	0	2	4	22	1	0	29
Average	0	1	3	19	2	0	25

Roscommon County (continued)
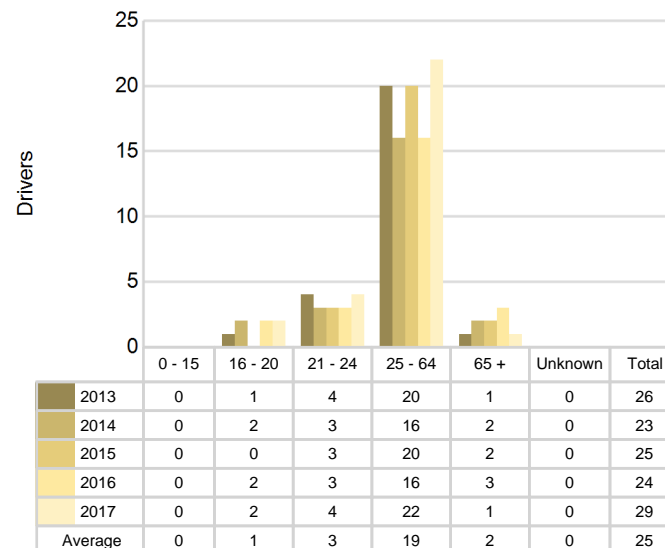
2017 - Bodily Alcohol Concentration (BAC) Results Among All Vehicle Drivers in Alcohol-Involved Crashes by Age

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	2	3	2	2	0	0	1	0	1
21 - 24	5	5	4	4	0	1	1	2	0
25 - 64	24	18	17	22	1	0	6	10	5
65 +	1	2	1	1	0	0	0	0	1
Unknown	2	0	0	0	0	0	0	0	0
Total	**34**	**28**	**24**	**29**	**1**	**1**	**8**	**12**	**7**

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.

In 2017, there were 34 drivers in alcohol-involved crashes; 29 (85.3%) of those drivers were coded as had-been-drinking by the officer on the crash form.

- 20 (69.0%) of the 29 drivers had a blood alcohol concentration (BAC) of 0.08 g/dL (grams per deciliter) or greater, and 12 (60.0%) of the 20 drivers had a BAC at or above 0.17 g/dL.

- 24 (82.8%) of the 29 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
2013	769	27	3.5	7	3	42.9	16	0	0.0	20	4	20.0
2014	751	23	3.1	4	0	0.0	19	5	26.3	41	3	7.3
2015	701	26	3.7	2	1	50.0	12	1	8.3	28	1	3.6
2016	770	24	3.1	3	1	33.3	17	1	5.9	33	2	6.1
2017	740	30**	4.1**	3	1	33.3	17	2	11.8	44**	6**	13.6

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)

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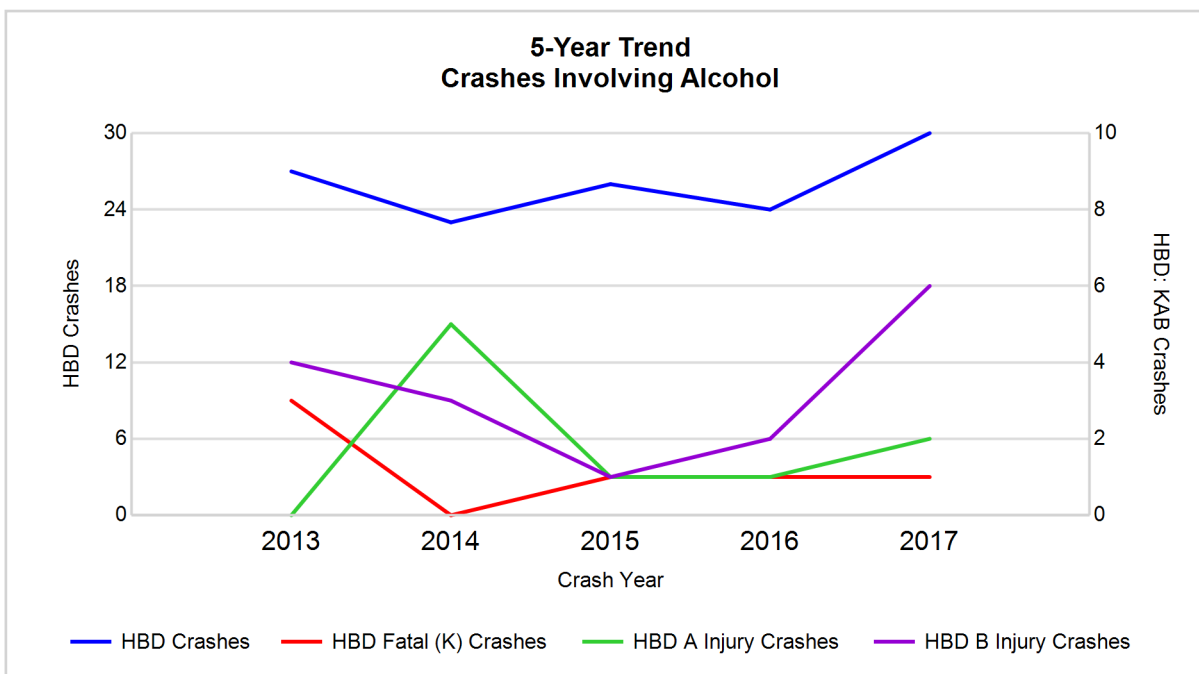
5-Year Trend - Crashes Involving Drugs

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
2013	769	4	0.5	7	2	28.6	16	0	0.0	20	0	0.0
2014	751	4	0.5	4	1	25.0	19	2	10.5	41	0	0.0
2015	701	4	0.6	2	1	50.0	12	0	0.0	28	0	0.0
2016	770	3	0.4	3	0	0.0	17	1	5.9	33	0	0.0
2017	740	7**	0.9**	3	0	0.0	17	2	11.8**	44**	1**	2.3**

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

Roscommon County (continued)
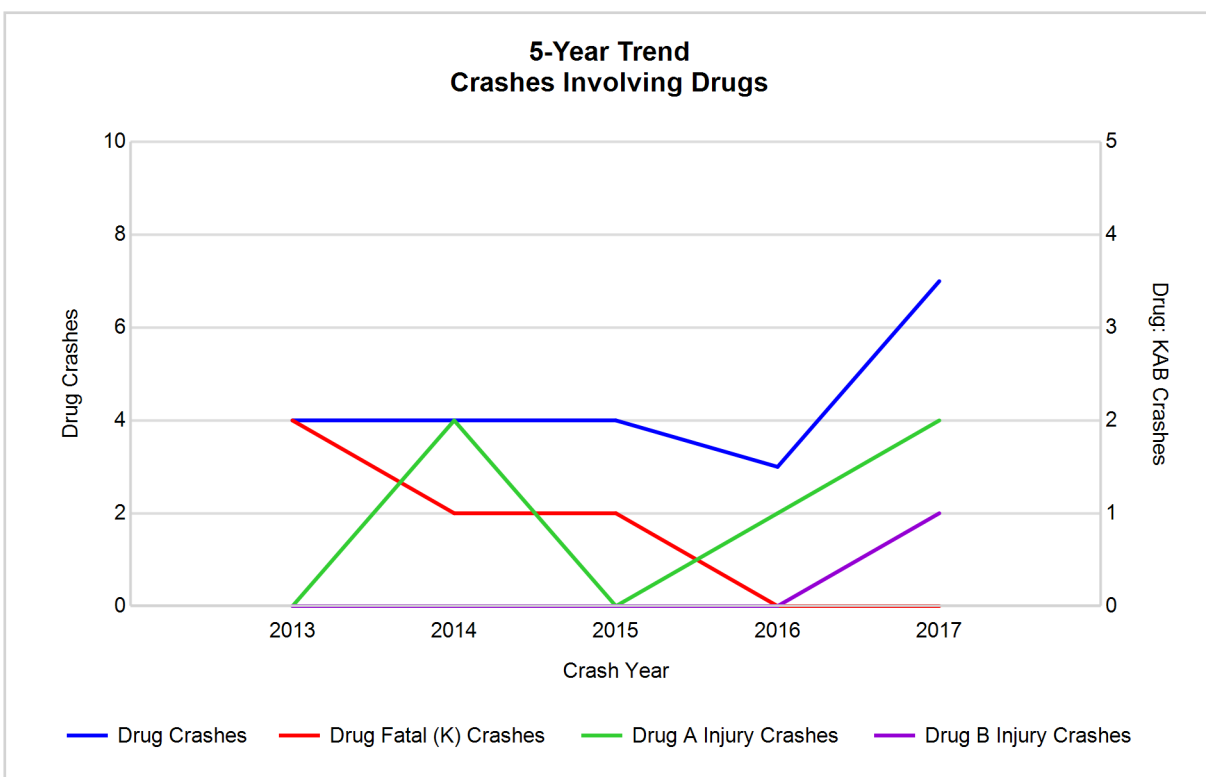
5-Year Trend - Crashes Involving Alcohol or Drugs

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
2013	769	28	3.6	7	3	42.9	16	0	0.0	20	4	20.0
2014	751	25	3.3	4	1	25.0	19	5	26.3	41	3	7.3
2015	701	29	4.1	2	1	50.0	12	1	8.3	28	1	3.6
2016	770	27	3.5	3	1	33.3	17	2	11.8	33	2	6.1
2017	740	33**	4.5**	3	1	33.3	17	3	17.6	44**	7**	15.9

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
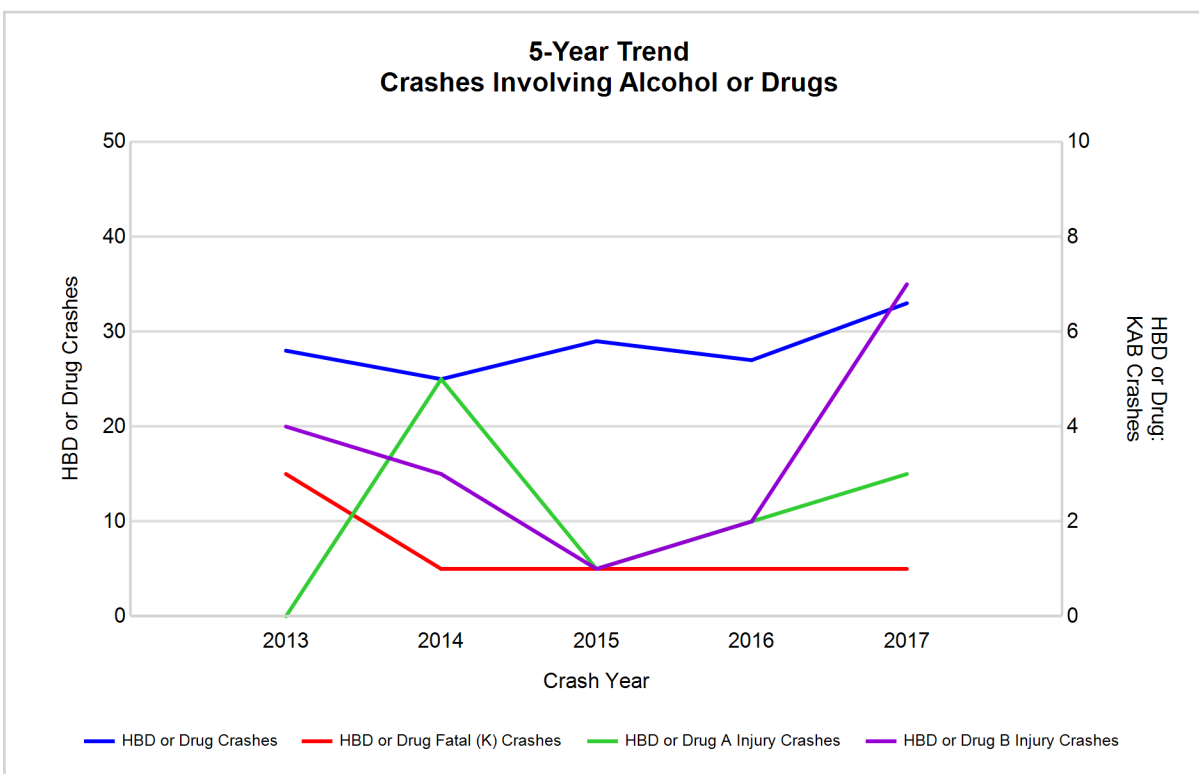
Note: Had-Been-Drinking (HBD)

2017 - 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	717	686	95.7	2	2	100.0	11	10	90.9	38	37	97.4	59	56	94.9	595	581	97.6
Motor home	4	4	100.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	4	4	100.0
Pickup truck	216	205	94.9	0	0	0.0	2	2	100.0	10	8	80.0	10	10	100.0	188	185	98.4
Small truck under 10,000 lbs. GVWR	6	5	83.3	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	5	5	100.0
Motorcycle	6	6	100.0	0	0	0.0	2	2	100.0	1	1	100.0	2	2	100.0	1	1	100.0
Moped / goped	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0
Go-cart / golf 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	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	13	4	30.8	1	1	100.0	4	0	0.0	3	1	33.3	1	0	0.0	3	2	66.7
Other	2	1	50.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	2	1	50.0
Truck/bus over 10,000 lbs.	20	20	100.0	0	0	0.0	0	0	0.0	0	0	0.0	1	1	100.0	19	19	100.0
Unknown	6	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0
Total	**990**	**931**	**94.0**	**3**	**3**	**0.0**	**19**	**14**	**73.7**	**52**	**47**	**90.4**	**73**	**69**	**94.5**	**817**	**798**	**97.7**

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.

2017 - 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	6	6	100.0	0	0	0.0	0	0	0.0	4	4	100.0	2	2	100.0	0	0	0.0
16 - 20	103	98	95.1	0	0	0.0	5	4	80.0	11	9	81.8	7	6	85.7	80	79	98.8
21 - 24	79	77	97.5	0	0	0.0	2	2	100.0	10	8	80.0	4	4	100.0	63	63	100.0
25 - 64	611	586	95.9	1	1	100.0	8	5	62.5	18	17	94.4	44	41	93.2	540	522	96.7
65 +	165	164	99.4	2	2	100.0	4	3	75.0	9	9	100.0	16	16	100.0	134	134	100.0
Unknown	26	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0
Total	**990**	**931**	**94.0**	**3**	**3**	**0.0**	**19**	**14**	**73.7**	**52**	**47**	**90.4**	**73**	**69**	**94.5**	**817**	**798**	**97.7**

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

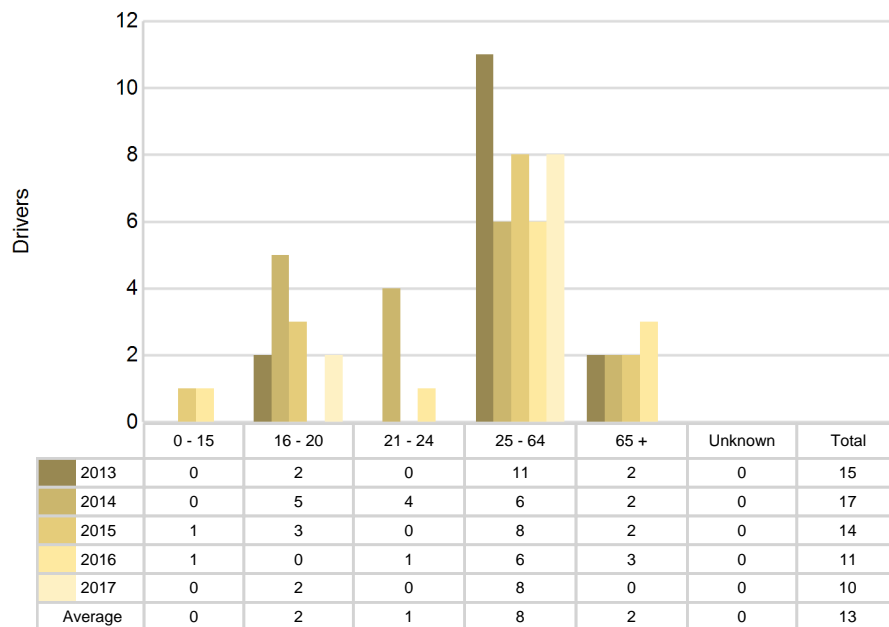| Restraint Use	2013			2014			2015			2016			2017		
	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers
No belts available	9	0	1	8	0	3	5	0	1	5	0	0	6	0	6
Shoulder belt only used	0	0	0	3	0	3	1	0	0	1	0	1	1	0	0
Lap belt only used	3	0	0	3	0	1	4	0	0	2	0	1	0	0	0
Both lap & shoulder belts used	877	4	72	849	0	79	837	1	78	927	0	85	889	0	93
No belts used	6	1	2	9	0	2	9	1	1	6	0	2	4	0	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	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Restraint use unknown	8	0	2	11	1	3	4	0	0	31	0	1	43	0	3
Helmet worn	11	1	10	22	2	11	11	0	9	9	0	7	8	1	6
Helmet not worn	2	0	2	6	0	4	2	0	1	3	0	3	1	0	0
Helmet use unknown	2	1	0	1	0	0	0	0	0	3	1	2	0	0	0
Uncoded & errors	29	0	0	26	0	0	23	0	0	18	0	0	0	0	0
Total	**949**	**7**	**89**	**938**	**3**	**106**	**896**	**2**	**90**	**1,005**	**1**	**102**	**952**	**1**	**108**

5-Year Trend - Restraint Use Among Drivers Coded Drinking

Restraint Use	2013			2014			2015			2016			2017		
	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	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Shoulder belt only used	0	0	0	1	0	1	1	0	0	1	0	1	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	19	1	7	12	0	4	19	0	2	17	0	3	22	0	7
No belts used	3	1	1	2	0	1	3	1	1	0	0	0	1	0	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	6	0	2	1	0	0	3	0	1	3	0	0
Helmet worn	1	1	0	2	0	2	0	0	0	1	0	1	1	1	0
Helmet not worn	0	0	0	0	0	0	1	0	1	2	0	2	1	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	0	0	0	0	0	0	0	0	0	0	0	0
Total	**26**	**3**	**10**	**23**	**0**	**10**	**25**	**1**	**4**	**24**	**0**	**8**	**29**	**1**	**8**

Roscommon County (continued)

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

Age Group	2013			2014			2015			2016			2017		
	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	1	0	0	0	0	0
16 - 20	2	0	0	5	0	2	3	0	1	0	0	0	2	0	2
21 - 24	0	0	0	4	0	1	0	0	0	1	0	1	0	0	0
25 - 64	11	1	3	6	0	2	8	1	1	6	0	1	8	0	4
65 +	2	0	0	2	0	0	2	0	0	3	0	0	0	0	0
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	**15**	**1**	**3**	**17**	**0**	**5**	**14**	**1**	**2**	**11**	**0**	**2**	**10**	**0**	**6**

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

5-Year Trend
Driver Seatbelt Not Used

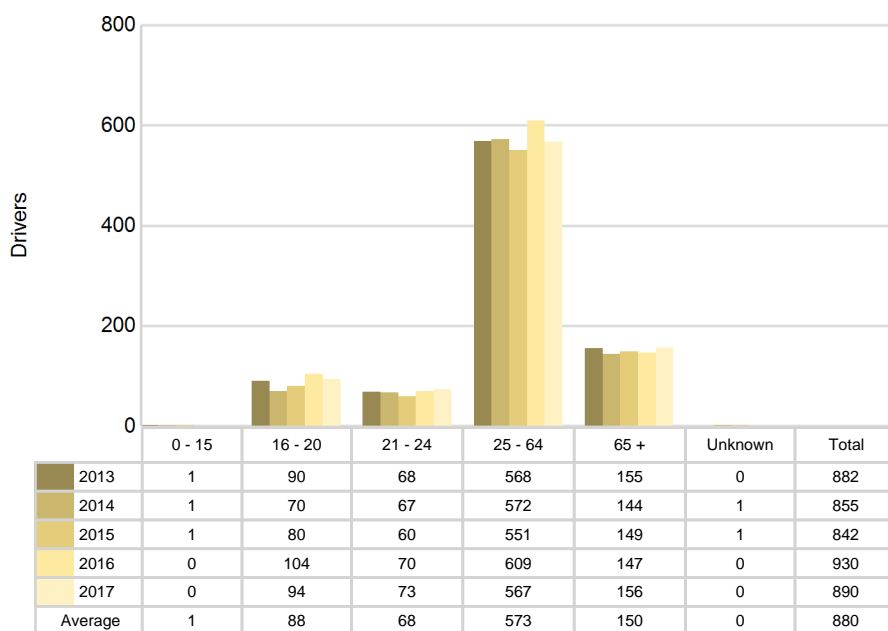|	0 - 15	16 - 20	21 - 24	25 - 64	65 +	Unknown	Total
2013	0	2	0	11	2	0	15
2014	0	5	4	6	2	0	17
2015	1	3	0	8	2	0	14
2016	1	0	1	6	3	0	11
2017	0	2	0	8	0	0	10
Average	0	2	1	8	2	0	13

5-Year Trend - Seatbelt Used Among Drivers by Age

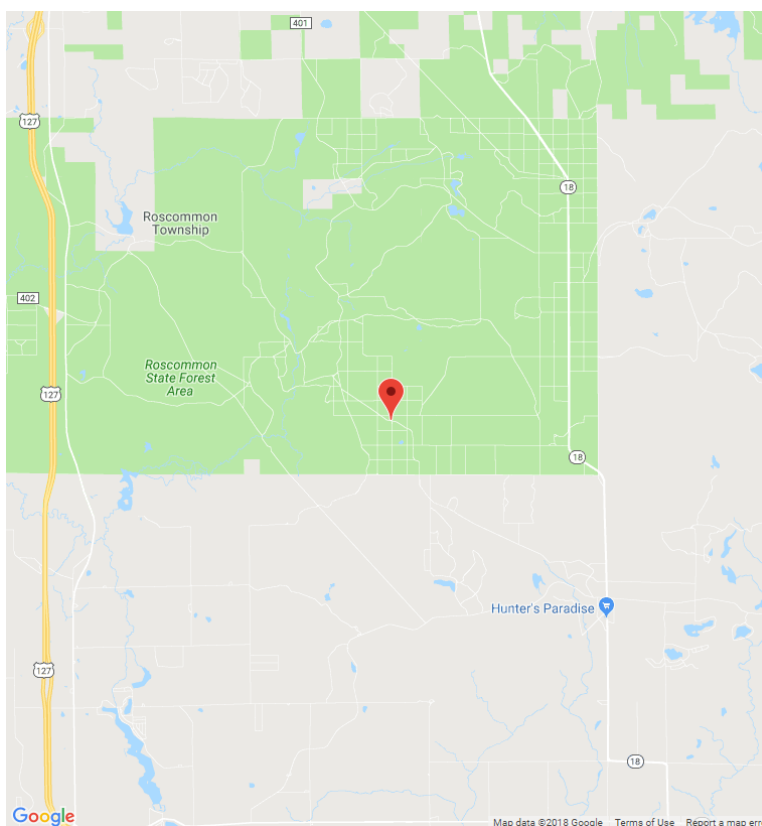| Age Group	2013			2014			2015			2016			2017		
	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers
0 - 15	1	0	0	1	0	0	1	0	0	0	0	0	0	0	0
16 - 20	90	1	9	70	0	14	80	0	9	104	0	12	94	0	15
21 - 24	68	0	7	67	0	3	60	0	3	70	0	5	73	0	10
25 - 64	568	3	43	572	0	50	551	1	51	609	0	54	567	0	46
65 +	155	0	13	144	0	15	149	0	14	147	0	16	156	0	22
Unknown	0	0	0	1	0	1	1	0	1	0	0	0	0	0	0
Total	**882**	**4**	**72**	**855**	**0**	**83**	**842**	**1**	**78**	**930**	**0**	**87**	**890**	**0**	**93**

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
2013	1	90	68	568	155	0	882
2014	1	70	67	572	144	1	855
2015	1	80	60	551	149	1	842
2016	0	104	70	609	147	0	930
2017	0	94	73	567	156	0	890
Average	1	88	68	573	150	0	880

Roscommon County (continued)

5-Year Trend - Drivers in Crashes by Hazardous Action

Hazardous Action	2013		2014		2015		2016		2017	
	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	600	3	531	2	567	0	615	0	561	2
Speed too fast	114	1	150	1	82	2	126	3	110	1
Speed too slow	0	0	3	0	0	0	0	0	2	0
Failed to yield	47	0	53	1	64	0	50	0	59	1
Disregard traffic control	4	0	6	0	9	0	3	0	4	0
Drove wrong way	3	0	0	0	1	0	1	0	0	0
Drove left of center	4	0	6	0	1	0	4	0	2	0
Improper passing	3	0	3	0	4	0	5	0	1	0
Improper lane use	5	0	11	1	6	0	11	0	14	0
Improper turn	9	0	8	0	7	0	12	0	9	0
Improper/no signal	0	0	2	0	3	0	2	0	1	0
Improper backing	14	0	13	0	9	0	10	0	11	0
Unable to stop in assured clear distance	59	0	63	1	57	0	60	0	48	1
Other	25	0	24	0	20	0	39	0	28	0
Unknown	19	2	20	0	20	0	25	0	46	0
Reckless driving	2	0	8	0	8	0	2	0	7	0
Careless/negligent driving	40	1	34	0	36	0	37	0	49	0
Uncoded & errors	1	0	3	0	2	0	3	0	0	0
Total	**949**	**7**	**938**	**6**	**896**	**2**	**1,005**	**3**	**952**	**5**

Roscommon County (continued)

The picture above represents all 2017 alcohol-involved fatal crashes in Roscommon County.

In 2017, there were 30 alcohol-involved crashes in Roscommon County:

1	K - Fatal Crash	
2	A - Suspected Serious Injury Crashes	
6	B - Suspected Minor Injury Crashes	
3	C - Possible Injury Crashes	
18	O - Property Damage Only/No Injury Crashes	

Office of Highway Safety Planning

Physical Address:
7150 Harris Drive
Dimondale, Michigan 48821

Mailing Address:
P.O. Box 30634
Lansing, Michigan 48909

Phone: (517) 284-3112
Fax: (517) 284-3151

Find us on the web:
MichiganTrafficCrashFacts.org