



2016

MTCF
Michigan Traffic
Crash Facts

Michigan Traffic Crash Facts

Reporting Criteria

Please pay particular attention to the wording when interpreting the three levels of data gathered for this report.

Crash

The Crash Level analyzes data related to crash events and returns one result per crash.

Examples: Time, weather, and location.

Units

The Units Level analyzes the experience of the units in the crash and returns one result per vehicle, driver, pedestrian, bicyclist, or train.

Examples: Vehicle type, driver condition, and unit events.

People

The People Level analyzes the experience of the people involved in the crash and returns one result per occupant/person/party.

Examples: Age, injury severity, and seat belt or helmet use.

KABCO Injury Indicator:

K = Killed

A = Suspected Serious Injury

B = Suspected Minor Injury

C = Possible Injury

O = No Injury

Property Damage Only (PDO)



Gladwin County

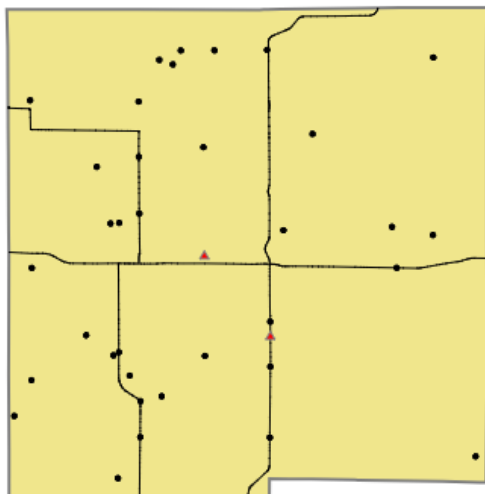
2016 Traffic Crash Data & 2012-2016 5-Year Trends



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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Crashes by most severe injury (mapped/actual)

- ▲ K - Fatal (2/2)
- A - Suspected Serious (35/35)

Gladwin County

In 2016:

There were 597 drivers involved in 455 motor vehicle crashes in Gladwin County. Of those crashes, 2 were classified as fatal, resulting in 2 fatalities. An additional 196 persons were injured.

Gladwin County experienced the highest number of motor vehicle crashes (55) in February, the highest number of fatal crashes (1) and the highest number of persons killed (1) in March and November.

Michigan driver statistics indicate 5.4 percent of licensed drivers in Gladwin County were age 16-20, and 13.6 percent of drivers in crashes were also in that age group.

2016 - Crashes and Injuries by Month

Month	Crashes				Persons	
	Total	Fatal	Injury	Property Damage Only (PDO)	Fatalities	Injuries
January	48	0	13	35	0	15
February	55	0	13	42	0	19
March	30	1	10	19	1	15
April	42	0	10	32	0	14
May	23	0	7	16	0	9
June	33	0	17	16	0	26
July	45	0	17	28	0	24
August	26	0	5	21	0	8
September	22	0	10	12	0	16
October	39	0	12	27	0	19
November	46	1	12	33	1	20
December	46	0	9	37	0	11
Total	455	2	135	318	2	196

2016 - Driver Statistics

Age Group	Statewide			Driver Rates	
	2016 Population	Licensed Drivers	Drivers in Crashes	Per 10k Population	Per 10k Licensed
0 - 15	4,089	104	4	9.8	384.6
16 - 20	1,320	1,067	81	613.6	759.1
21 - 24	945	881	44	465.6	499.4
25 - 64	12,255	11,451	363	296.2	317.0
65 +	6,513	6,274	79	121.3	125.9
Unknown	0	0	26	- -	- -
Total	25,122	19,777	597	237.6	301.9

2016 - 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	412	69.0	3	100.0	118	291
Motor home	8	1.3	0	0.0	4	4
Pickup truck	137	22.9	0	0.0	45	92
Small truck under 10,000 lbs. GVWR	2	0.3	0	0.0	1	1
Motorcycle	7	1.2	0	0.0	6	1
Moped / goped	0	0.0	0	0.0	0	0
Go-cart / golf cart	1	0.2	0	0.0	1	0
Snowmobile	1	0.2	0	0.0	1	0
Off-Road Vehicle - ORV / All-Terrain Vehicle - ATV	7	1.2	0	0.0	6	1
Other	1	0.2	0	0.0	1	0
Truck/bus over 10,000 lbs.	16	2.7	0	0.0	3	13
Unknown	5	0.8	0	0.0	1	4
Total	597	100.0	3	100.0	187	407

5-Year Trend - Crashes by Month

Month	2012		2013		2014		2015		2016	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
January	72	0	63	0	60	0	51	0	48	0
February	66	0	65	0	46	0	54	0	55	0
March	41	0	58	1	61	1	46	0	30	1
April	40	0	51	0	59	1	36	0	42	0
May	50	0	43	0	47	0	56	2	23	0
June	43	0	48	0	59	0	70	0	33	0
July	44	0	55	0	46	0	45	1	45	0
August	45	1	60	0	47	0	38	0	26	0
September	60	0	64	0	59	1	44	1	22	0
October	92	1	85	0	70	0	86	1	39	0
November	102	0	85	1	117	0	119	0	46	1
December	76	0	77	0	58	0	36	1	46	0
Total	731	2	754	2	729	3	681	6	455	2

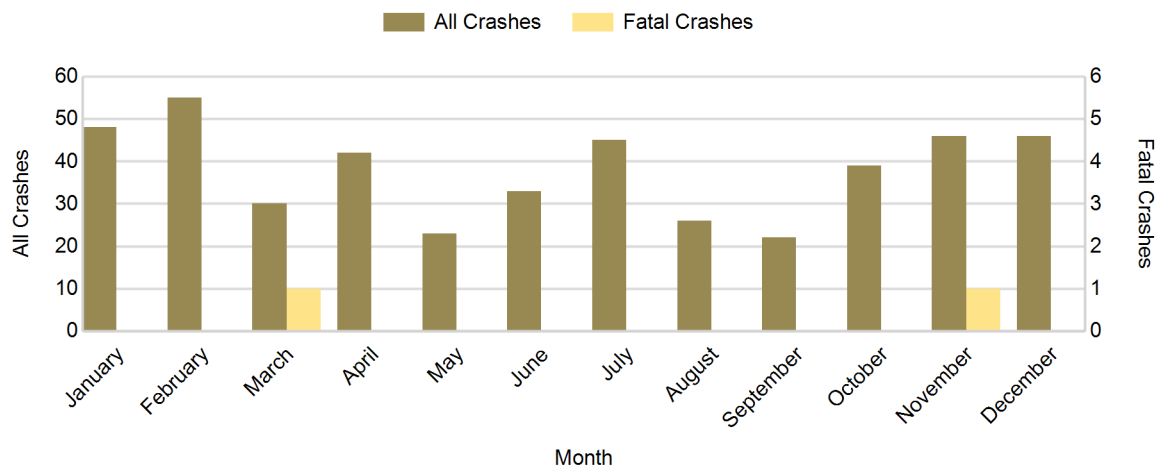
Note: † Indicates that the highest number of total crashes reported in the 5-year period occurred in the same month

5-Year Trend - Crashes by Day of Week

Day	2012		2013		2014		2015		2016	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Monday	109	2	101	0	90	0	100	2	57	1
Tuesday	97	0	104	0	98	0	88	0	62	0
Wednesday	91	0	111	0	106	1	90	0	71	0
Thursday	110	0	123	0	111	1	106	0	75	0
Friday	121	0	105	0	135	0	127	2	82	0
Saturday	103	0	119	1	101	1	89	2	59	1
Sunday	100	0	91	1	88	0	81	0	49	0
Total	731	2	754	2	729	3	681	6	455	2

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

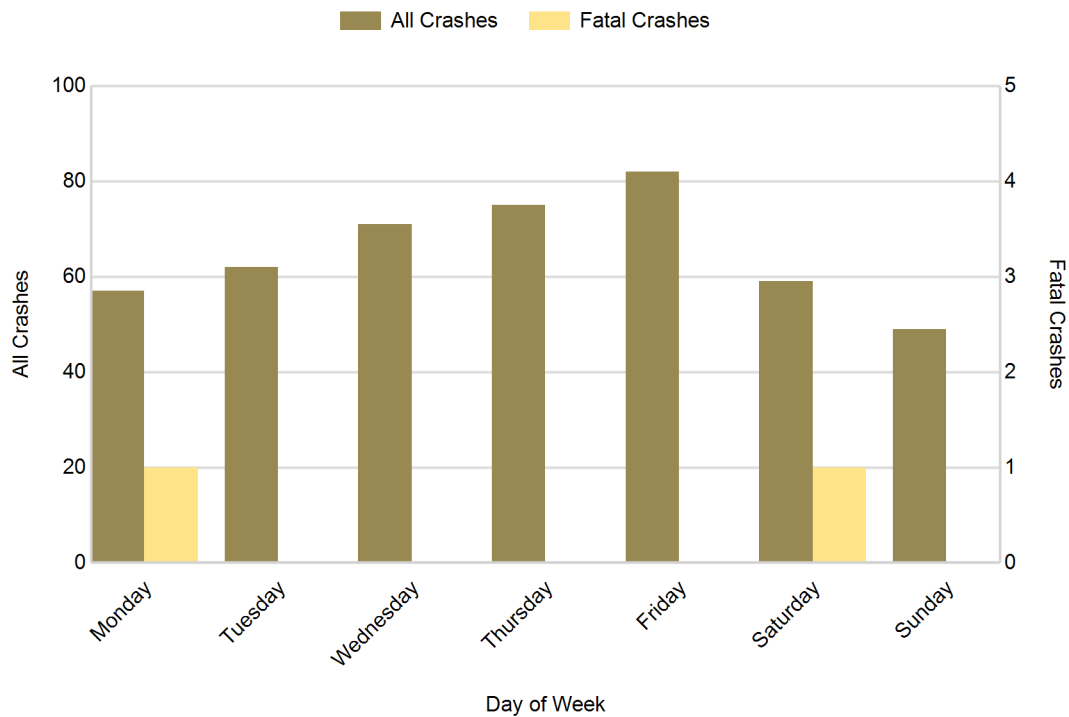
2016 Crashes by Month



2016 - 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	57	12.5	1	50.0	2	4	3	47
Tuesday	62	13.6	0	0.0	1	9	8	44
Wednesday	71	15.6	0	0.0	7	5	11	48
Thursday	75	16.5	0	0.0	5	9	12	49
Friday	82	18.0	0	0.0	4	7	12	59
Saturday	59	13.0	1	50.0	8	5	7	38
Sunday	49	10.8	0	0.0	8	4	4	33
Total	455	100.0	2	100.0	35	43	57	318

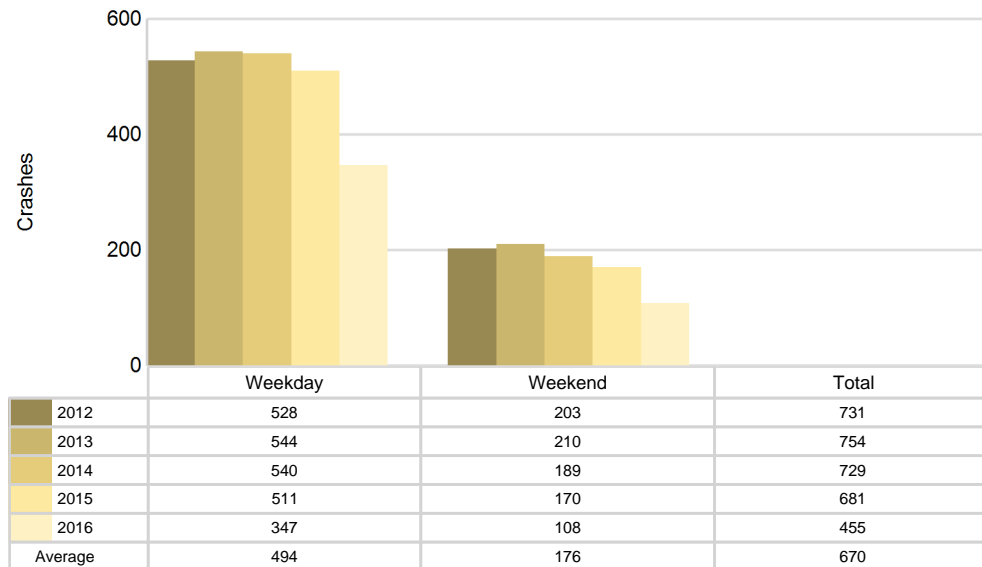
2016 Day of Week and Severity



5-Year Trend - Crashes by Weekday and Weekend

Portion of Week	2012		2013		2014		2015		2016	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Weekday	528	2	544	0	540	2	511	4	347	1
Weekend	203	0	210	2	189	1	170	2	108	1
Total	731	2	754	2	729	3	681	6	455	2

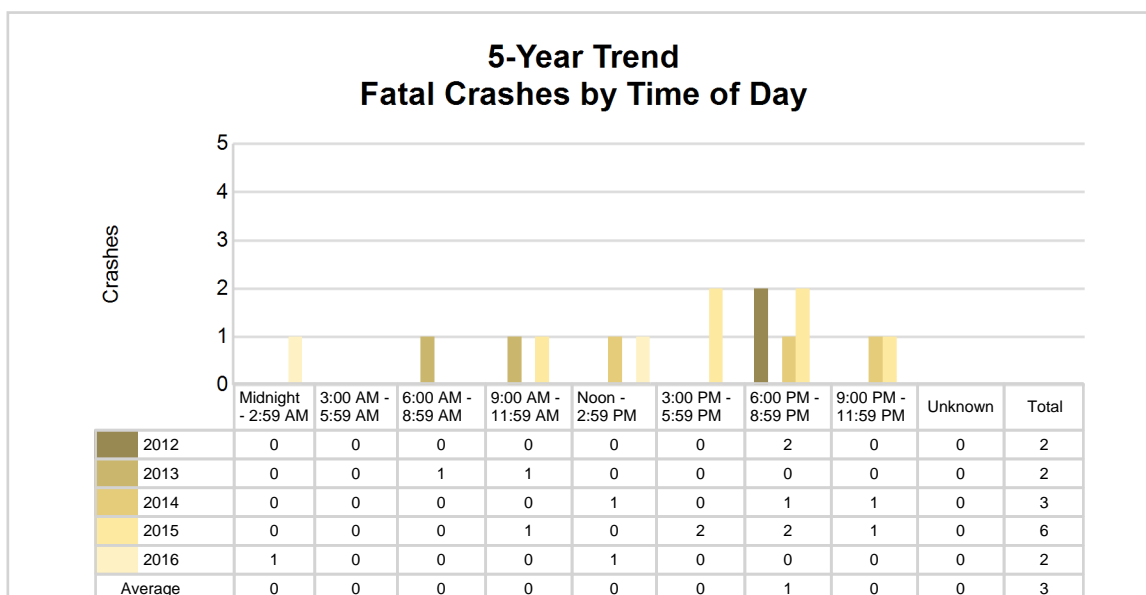
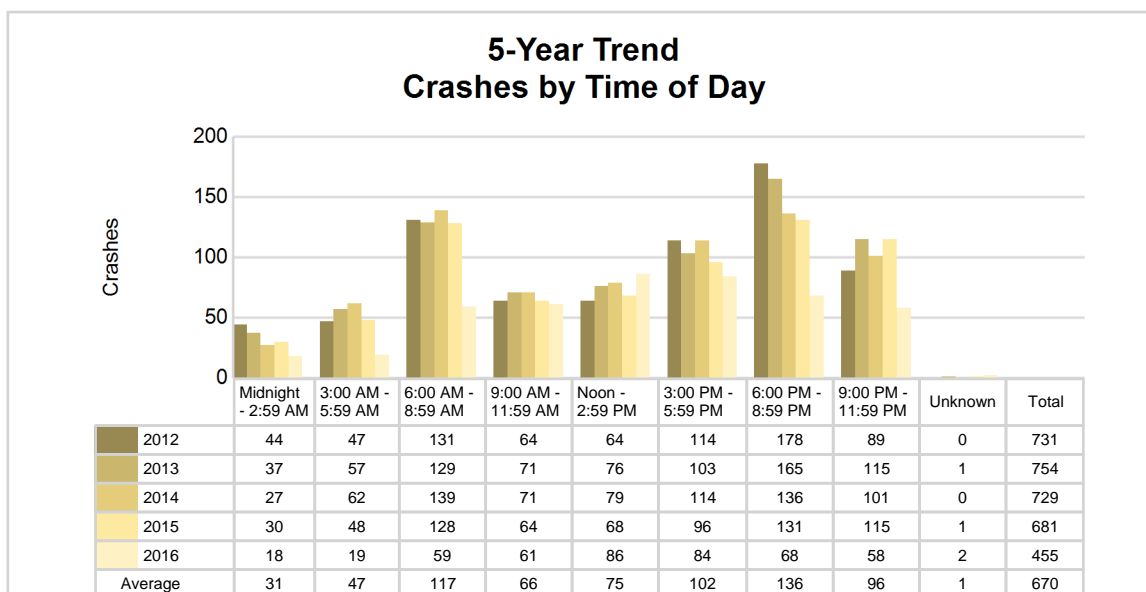
5-Year Crash Trends by Weekday (Monday - Friday) and Weekend (Saturday & Sunday)



5-Year Trend - Crashes by Time of Day

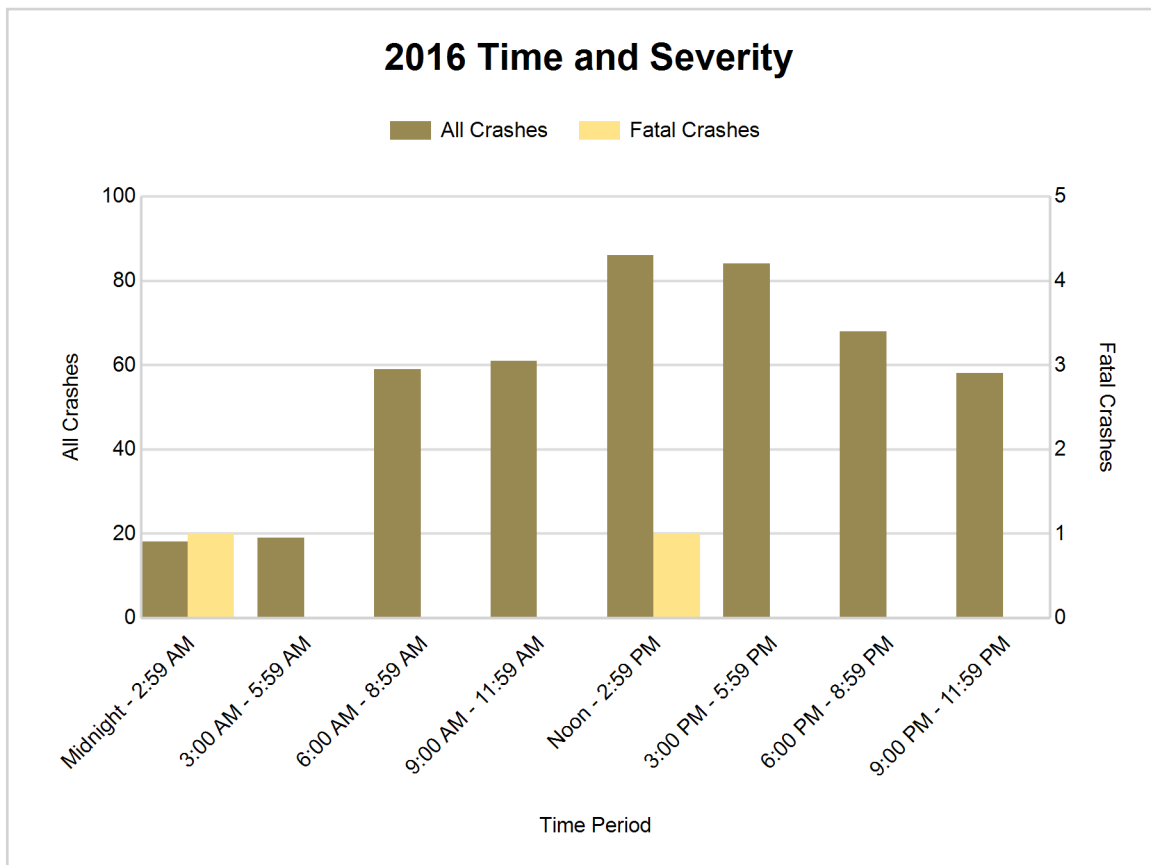
Time of Day	2012		2013		2014		2015		2016	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Midnight - 2:59 AM	44	0	37	0	27	0	30	0	18	1
3:00 AM - 5:59 AM	47	0	57	0	62	0	48	0	19	0
6:00 AM - 8:59 AM	131	0	129	1	139	0	128	0	59	0
9:00 AM - 11:59 AM	64	0	71	1	71	0	64	1	61	0
Noon - 2:59 PM	64	0	76	0	79	1	68	0	86	1
3:00 PM - 5:59 PM	114	0	103	0	114	0	96	2	84	0
6:00 PM - 8:59 PM	178	2	165	0	136	1	131	2	68	0
9:00 PM - 11:59 PM	89	0	115	0	101	1	115	1	58	0
Unknown	0	0	1	0	0	0	1	0	2	0
Total	731	2	754	2	729	3	681	6	455	2

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



2016 - Time and Severity

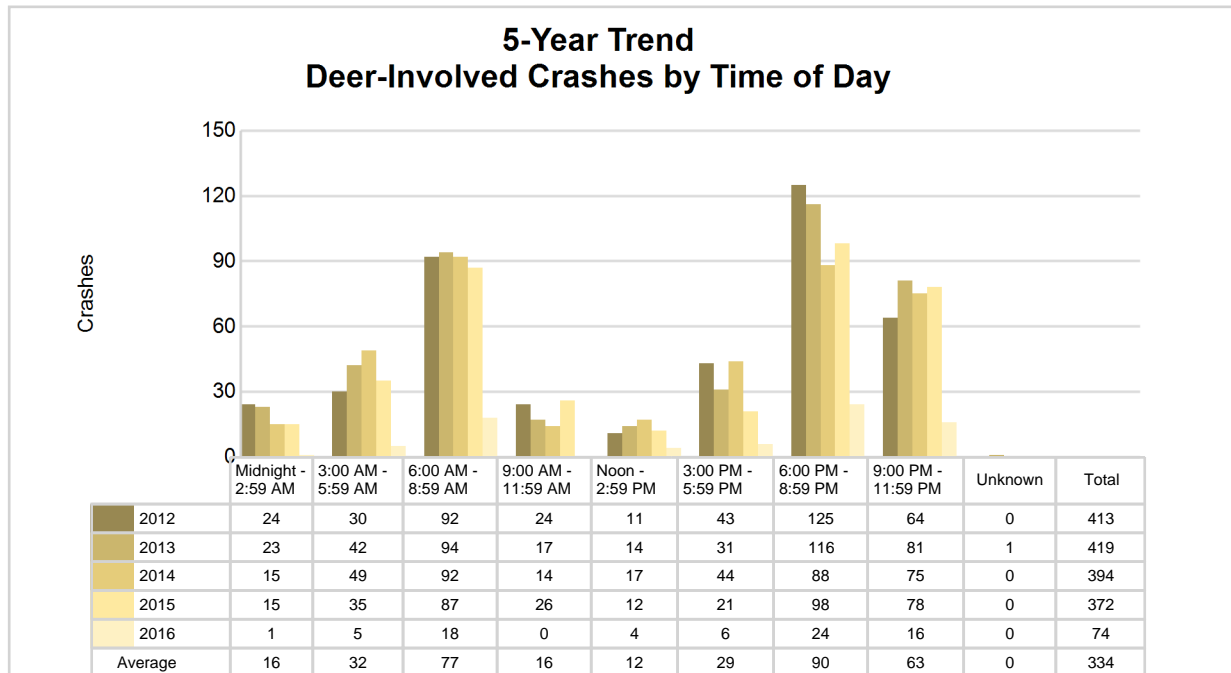
Time of Day	All Crashes		Fatal Crashes		Injury Crashes			PDO Crashes
	Number	% of Total	Number	% of Fatal	A	B	C	Number
Midnight - 2:59 AM	18	4.0	1	50.0	4	0	1	12
3:00 AM - 5:59 AM	19	4.2	0	0.0	4	0	0	15
6:00 AM - 8:59 AM	59	13.0	0	0.0	1	3	12	43
9:00 AM - 11:59 AM	61	13.4	0	0.0	3	14	7	37
Noon - 2:59 PM	86	18.9	1	50.0	9	2	14	60
3:00 PM - 5:59 PM	84	18.5	0	0.0	7	6	13	58
6:00 PM - 8:59 PM	68	14.9	0	0.0	1	8	9	50
9:00 PM - 11:59 PM	58	12.7	0	0.0	6	9	1	42
Unknown	2	0.4	0	0.0	0	1	0	1
Total	455	100.0	2	100.0	35	43	57	318



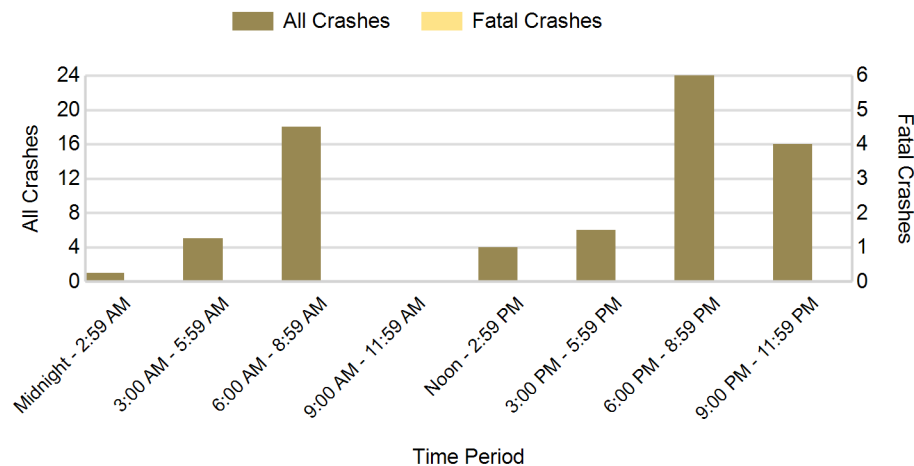
5-Year Trend - Deer-Involved Crashes by Time of Day

Time of Day	2012		2013		2014		2015		2016	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Midnight - 2:59 AM	24	0	23	0	15	0	15	0	1	0
3:00 AM - 5:59 AM	30	0	42	0	49	0	35	0	5	0
6:00 AM - 8:59 AM	92	0	94	0	92	0	87	0	18	0
9:00 AM - 11:59 AM	24	0	17	0	14	0	26	0	0	0
Noon - 2:59 PM	11	0	14	0	17	0	12	0	4	0
3:00 PM - 5:59 PM	43	0	31	0	44	0	21	0	6	0
6:00 PM - 8:59 PM	125	0	116	0	88	0	98	0	24	0
9:00 PM - 11:59 PM	64	0	81	0	75	0	78	0	16	0
Unknown	0	0	1	0	0	0	0	0	0	0
Total	413	0	419	0	394	0	372	0	74	0

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



2016 Time and Severity of Deer-Involved Crashes



There were no fatal deer-involved crashes in Gladwin County in 2016

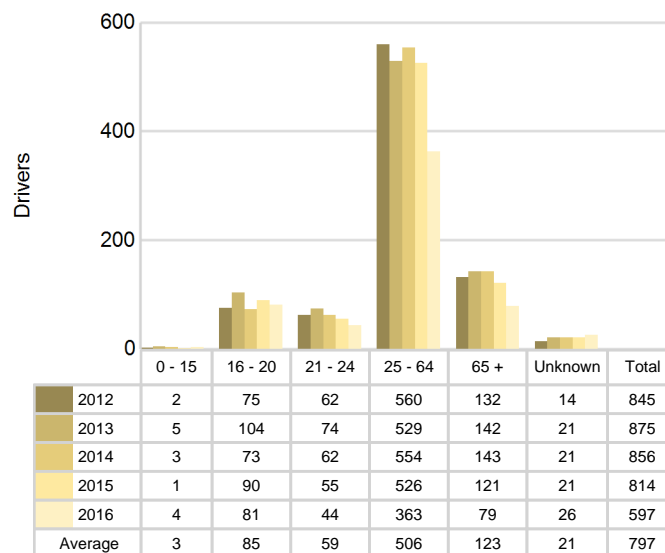
2016 - Reported Motor Vehicle Crashes by Municipality

Municipality	Crashes											Persons	
	Total	Fatal	Injury	Property Damage	Inter-state	US Route	State Route	Local Street	Alcohol-Involved	Drug-Involved	Deer-Involved	Fatalities	Injuries
Beaverton	15	0	2	13	0	0	14	1	0	1	0	0	4
Beaverton Twp.	35	0	9	26	0	0	1	31	6	1	6	0	12
Bentley Twp.	19	0	6	13	0	0	0	19	0	0	6	0	7
Billings Twp.	21	0	5	16	0	0	1	20	1	0	4	0	5
Bourret Twp.	16	0	4	12	0	0	5	11	1	1	5	0	10
Buckeye Twp.	24	1	6	17	0	0	10	14	5	0	3	1	12
Butman Twp.	23	0	13	10	0	0	0	23	2	0	1	0	20
Clement Twp.	12	0	1	11	0	0	9	3	0	0	2	0	1
Gladwin	57	0	11	46	0	0	40	17	3	0	0	0	17
Gladwin Twp.	14	0	4	10	0	0	1	13	1	0	1	0	5
Grim Twp.	7	0	5	2	0	0	3	4	1	1	0	0	6
Grout Twp.	35	0	9	26	0	0	20	15	3	0	7	0	13
Hay Twp.	23	1	7	15	0	0	17	6	2	0	5	1	14
Sage Twp.	44	0	15	29	0	0	12	32	2	0	8	0	22
Secord Twp.	19	0	7	12	0	0	7	12	3	1	2	0	9
Sherman Twp.	26	0	7	19	0	0	6	19	1	0	10	0	7
Tobacco Twp.	65	0	24	41	0	0	28	37	6	0	14	0	32
Unknown Community	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	455	2	135	318	0	0	174	277	37	5	74	2	196

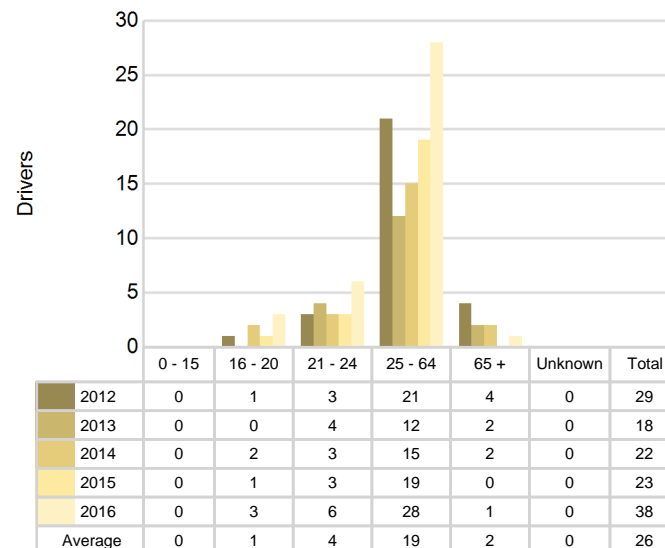
5-Year Trend - Drivers in Crashes Coded Drinking by Driver Age

Driver Age	2012		2013		2014		2015		2016	
	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	2	0	5	0	3	0	1	0	4	0
16 - 20	75	1	104	0	73	2	90	1	81	3
21 - 24	62	3	74	4	62	3	55	3	44	6
25 - 64	560	21	529	12	554	15	526	19	363	28
65 +	132	4	142	2	143	2	121	0	79	1
Unknown	14	0	21	0	21	0	21	0	26	0
Total	845	29	875	18	856	22	814	23	597	38

5-Year Trend Total Drivers in Crashes by Age



5-Year Trend Total Drivers Coded Drinking by Age



2016 - 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	3	5	3	3	1	0	1	0	1
21 - 24	6	7	6	6	0	2	2	2	0
25 - 64	30	30	25	28	0	8	10	5	5
65 +	2	1	1	1	0	0	1	0	0
Unknown	0	0	0	0	0	0	0	0	0
Total	41	44	35	38	1	10	14	7	6

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 2016, there were 41 drivers in alcohol-involved crashes; 38 (92.7%) of those drivers were coded as had-been-drinking by the officer on the crash form.

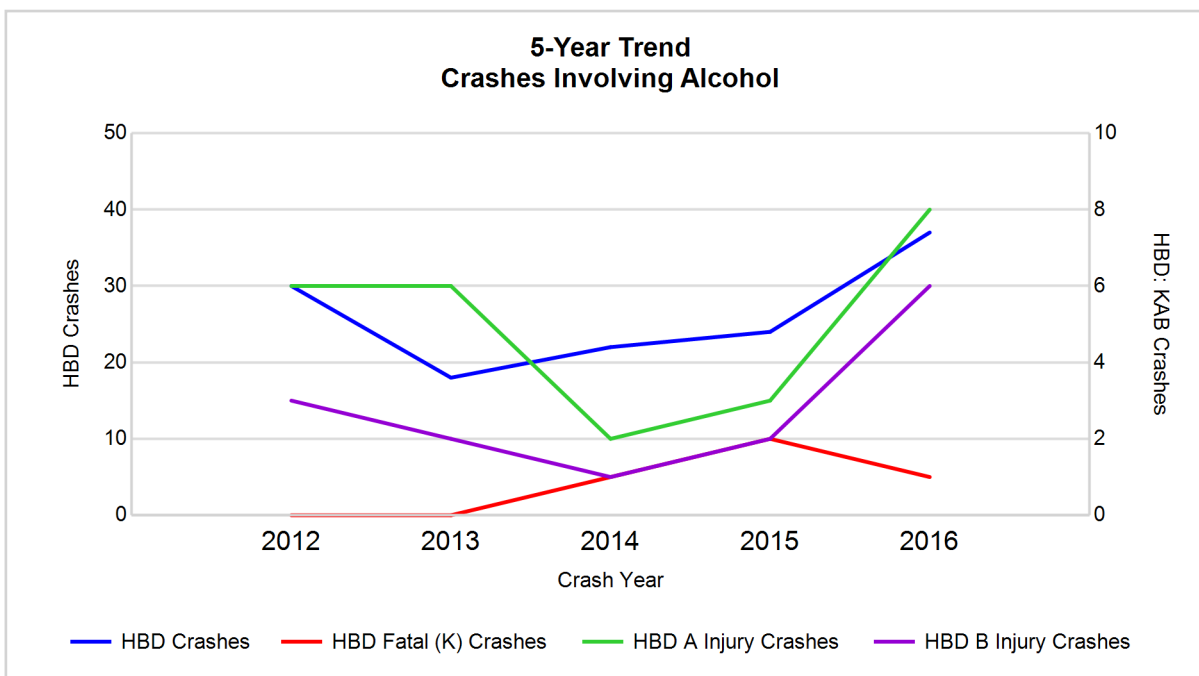
- 21 (55.3%) of the 38 drivers had a blood alcohol concentration (BAC) of 0.08 g/dL (grams per deciliter) or greater, and 7 (33.3%) of the 21 drivers had a BAC at or above 0.17 g/dL.
- 35 (92.1%) of the 38 drivers were coded as had-been-drinking and were tested for alcohol consumption.

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
2012	731	30	4.1	2	0	0.0	20	6	30.0	28	3	10.7
2013	754	18	2.4	2	0	0.0	25	6	24.0	29	2	6.9
2014	729	22	3.0	3	1	33.3	29	2	6.9	23	1	4.3
2015	681	24	3.5	6	2	33.3	15	3	20.0	23	2	8.7
2016	455*	37**	8.1**	2	1	50.0**	35**	8**	22.9	43**	6**	14.0**

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



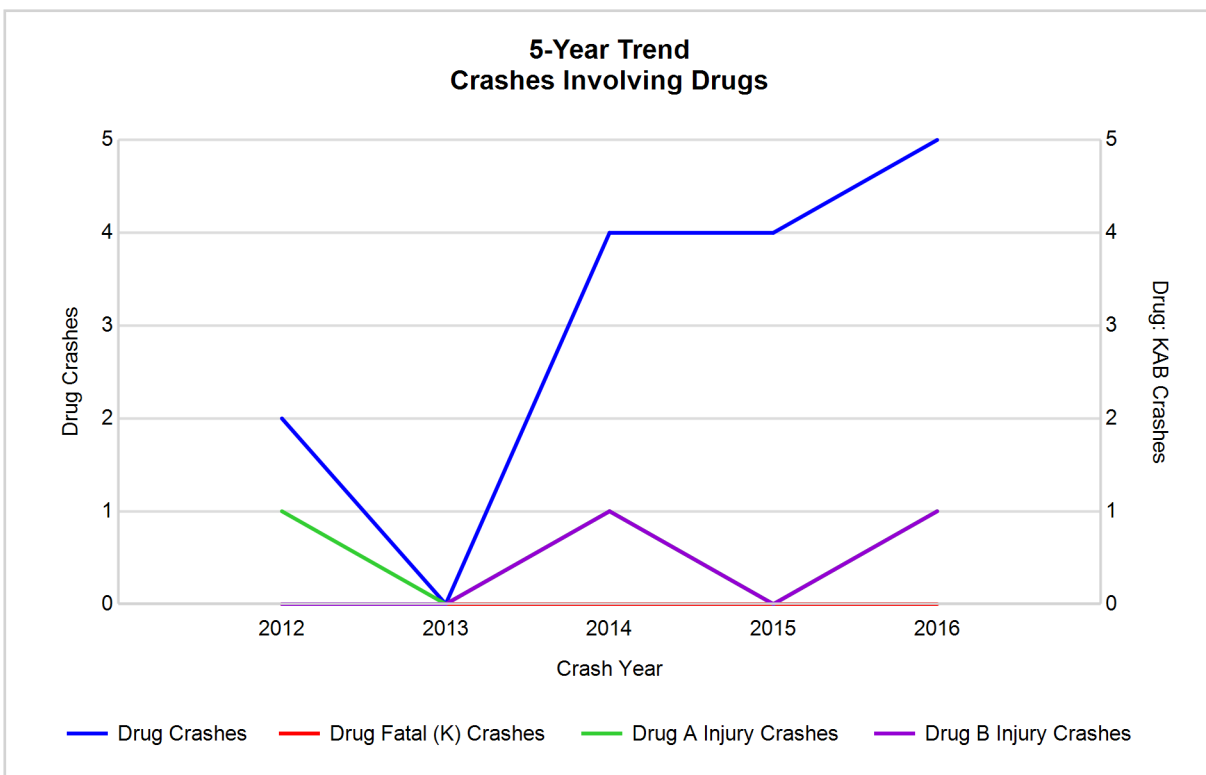
Note: Had-Been-Drinking (HBD)

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
2012	731	2	0.3	2	0	0.0	20	1	5.0	28	0	0.0
2013	754	0	0.0	2	0	0.0	25	0	0.0	29	0	0.0
2014	729	4	0.5	3	0	0.0	29	1	3.4	23	1	4.3
2015	681	4	0.6	6	0	0.0	15	0	0.0	23	0	0.0
2016	455*	5**	1.1**	2	0	0.0	35**	1	2.9	43**	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

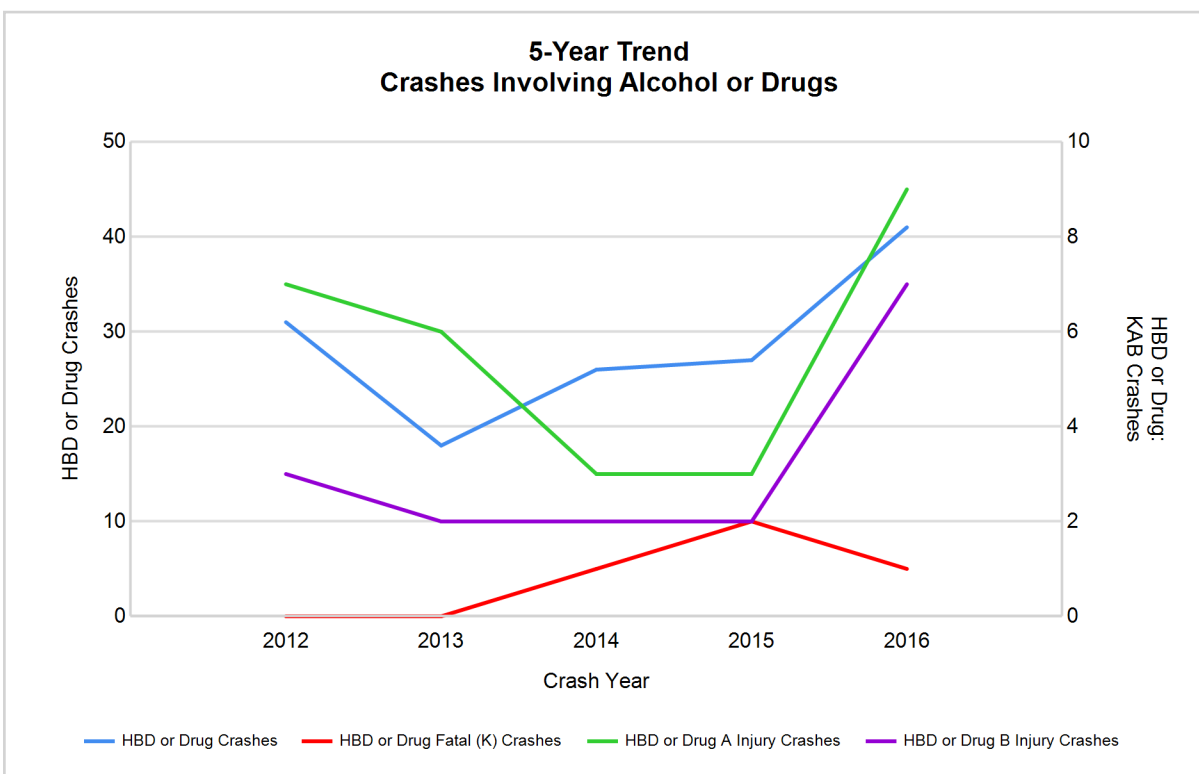


5-Year Trend - Crashes Involving Alcohol or Drugs

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
2012	731	31	4.2	2	0	0.0	20	7	35.0	28	3	10.7
2013	754	18	2.4	2	0	0.0	25	6	24.0	29	2	6.9
2014	729	26	3.6	3	1	33.3	29	3	10.3	23	2	8.7
2015	681	27	4.0	6	2	33.3	15	3	20.0	23	2	8.7
2016	455*	41**	9.0**	2	1	50.0**	35**	9**	25.7	43**	7**	16.3**

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



Note: Had-Been-Drinking (HBD)

2016 - 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	443	392	88.5	2	1	50.0	30	23	76.7	31	26	83.9	53	48	90.6	308	291	94.5
Motor home	10	7	70.0	0	0	0.0	1	1	100.0	4	1	25.0	0	0	0.0	5	5	100.0
Pickup truck	148	127	85.8	0	0	0.0	8	3	37.5	12	8	66.7	18	16	88.9	101	96	95.0
Small truck under 10,000 lbs. GVWR	2	1	50.0	0	0	0.0	0	0	0.0	0	0	0.0	1	0	0.0	1	1	100.0
Motorcycle	9	4	44.4	0	0	0.0	1	0	0.0	3	1	33.3	3	2	66.7	2	1	50.0
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	5	0	0.0	0	0	0.0	3	0	0.0	1	0	0.0	0	0	0.0	1	0	0.0
Snowmobile	2	2	100.0	0	0	0.0	1	1	100.0	0	0	0.0	1	1	100.0	0	0	0.0
Off-Road Vehicle - ORV / All-Terrain Vehicle - ATV	12	4	33.3	0	0	0.0	2	1	50.0	5	1	20.0	4	2	50.0	0	0	0.0
Other	1	0	0.0	0	0	0.0	0	0	0.0	1	0	0.0	0	0	0.0	0	0	0.0
Truck/bus over 10,000 lbs.	17	11	64.7	0	0	0.0	0	0	0.0	1	1	100.0	1	0	0.0	15	10	66.7
Unknown	5	1	20.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	1	1	100.0
Total	654	549	83.9	2	1	0.0	46	29	63.0	58	38	65.5	81	69	85.2	434	405	93.3

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.

2016 - 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	17	13	76.5	0	0	0.0	4	4	100.0	6	4	66.7	4	2	50.0	3	3	100.0
16 - 20	89	75	84.3	1	1	100.0	7	5	71.4	7	5	71.4	17	15	88.2	57	49	86.0
21 - 24	49	40	81.6	0	0	0.0	6	2	33.3	6	3	50.0	4	4	100.0	33	31	93.9
25 - 64	389	343	88.2	1	0	0.0	26	15	57.7	31	21	67.7	42	36	85.7	285	267	93.7
65 +	83	78	94.0	0	0	0.0	3	3	100.0	8	5	62.5	13	12	92.3	56	55	98.2
Unknown	27	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	1	0	0.0	0	0	0.0
Total	654	549	83.9	2	1	0.0	46	29	63.0	58	38	65.5	81	69	85.2	434	405	93.3

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	2012			2013			2014			2015			2016		
	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	5	0	1	6	0	3	1	1	0	8	0	4
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	1	0	0	1	0	0	1	0	1
Both lap & shoulder belts used	786	0	67	795	1	66	737	0	70	729	1	58	507	1	96
No belts used	3	1	2	4	0	3	8	1	6	9	2	4	6	0	6
Child restraint used	0	0	0	0	0	0	0	0	0	0	0	0	1	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	27	0	4	28	0	5	71	0	13	42	0	4	38	1	10
Helmet worn	5	1	3	13	0	12	9	0	5	6	0	4	8	0	7
Helmet not worn	5	0	5	7	0	6	1	0	1	3	1	1	4	0	4
Helmet use unknown	0	0	0	1	0	1	1	1	0	0	0	0	1	0	0
Uncoded & errors	17	0	3	22	0	0	22	0	1	23	0	0	23	0	0
Total	845	2	85	875	1	94	856	2	99	814	5	71	597	2	128

5-Year Trend - Restraint Use Among Drivers Coded Drinking

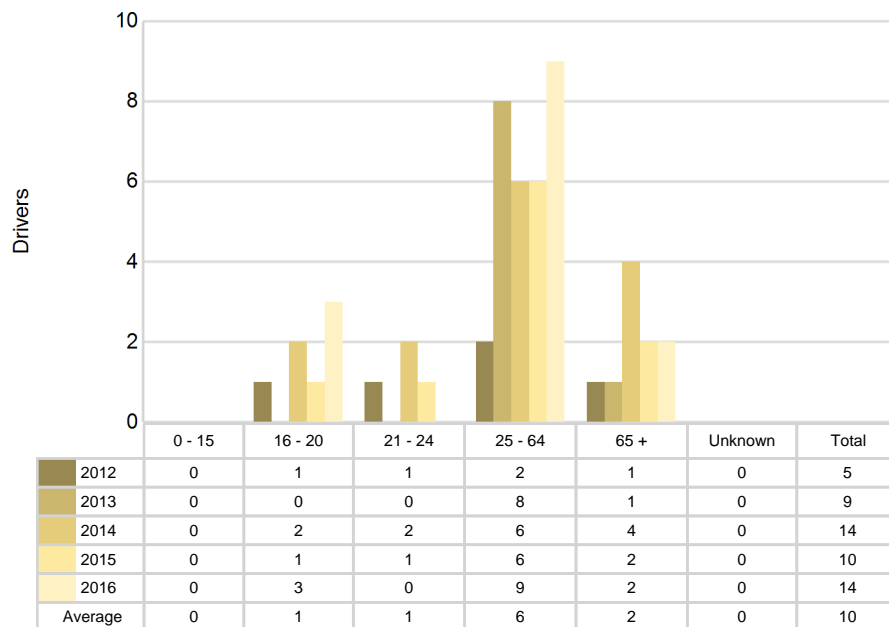
Restraint Use	2012			2013			2014			2015			2016		
	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers
No belts available	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Shoulder belt 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	16	0	4	12	0	3	15	0	1	17	1	2	23	0	4
No belts used	2	0	2	0	0	0	1	0	1	3	0	3	4	0	4
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	6	0	1	4	0	2	6	0	1	2	0	0	9	1	4
Helmet worn	2	0	2	1	0	1	0	0	0	0	0	0	0	0	0
Helmet not worn	2	0	2	0	0	0	0	0	0	1	1	0	1	0	1
Helmet use unknown	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0
Uncoded & errors	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Total	29	0	12	18	0	7	22	0	3	23	2	5	38	1	13

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

Age Group	2012			2013			2014			2015			2016		
	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	0	0	0	0	0	0	0	0	0
16 - 20	1	0	0	0	0	0	2	0	2	1	1	0	3	0	1
21 - 24	1	1	0	0	0	0	2	0	1	1	0	1	0	0	0
25 - 64	2	0	2	8	0	3	6	0	5	6	1	3	9	0	7
65 +	1	0	1	1	0	1	4	1	1	2	1	0	2	0	2
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	5	1	3	9	0	4	14	1	9	10	3	4	14	0	10

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

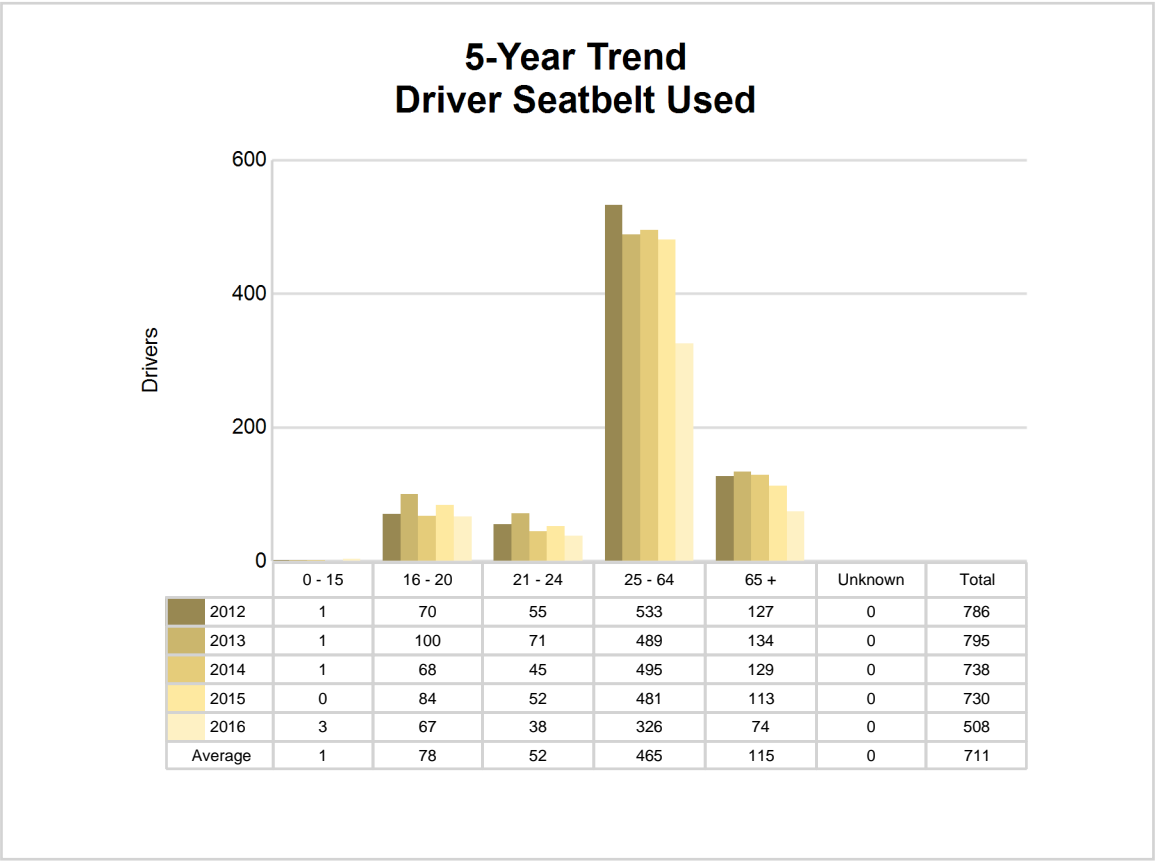
5-Year Trend Driver Seatbelt Not Used



5-Year Trend - Seatbelt Used Among Drivers by Age

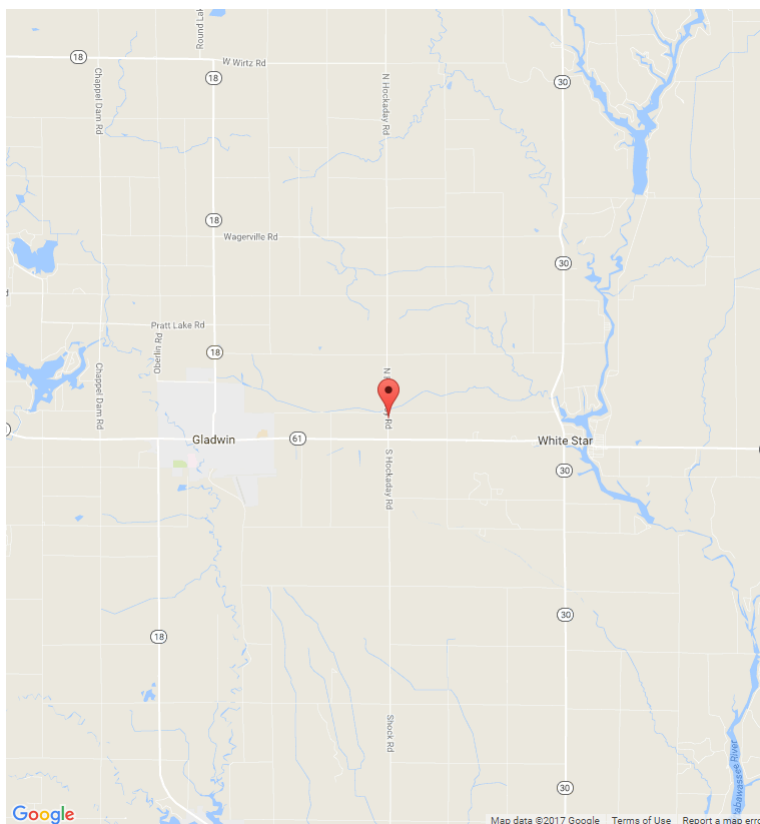
Age Group	2012			2013			2014			2015			2016		
	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers
0 - 15	1	0	1	1	0	0	1	0	1	0	0	0	3	0	0
16 - 20	70	0	3	100	0	9	68	0	9	84	0	16	67	1	17
21 - 24	55	0	5	71	0	8	45	0	7	52	0	5	38	0	7
25 - 64	533	0	38	489	1	37	495	0	41	481	1	30	326	0	57
65 +	127	0	20	134	0	12	129	0	12	113	0	7	74	0	16
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	786	0	67	795	1	66	738	0	70	730	1	58	508	1	97

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



5-Year Trend - Drivers in Crashes by Hazardous Action

Hazardous Action	2012		2013		2014		2015		2016	
	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	550	1	568	1	539	1	533	1	218	1
Speed too fast	116	1	127	1	130	0	76	0	135	0
Speed too slow	2	0	0	0	0	0	0	0	0	0
Failed to yield	35	0	39	0	38	0	39	0	43	0
Disregard traffic control	9	1	7	0	5	0	10	0	9	0
Drove wrong way	0	0	1	0	0	0	0	0	0	0
Drove left of center	2	0	3	0	4	0	4	0	5	0
Improper passing	11	0	4	0	3	0	3	0	5	0
Improper lane use	4	0	4	0	3	0	5	0	7	1
Improper turn	7	0	8	0	3	0	3	0	9	0
Improper/no signal	2	0	0	0	1	0	1	0	3	0
Improper backing	14	0	6	0	10	0	9	0	9	0
Unable to stop in assured clear distance	18	0	29	1	30	1	35	1	31	0
Other	19	0	17	0	22	0	22	0	30	0
Unknown	5	0	2	0	5	1	12	2	16	0
Reckless driving	8	0	3	0	6	0	5	0	7	0
Careless/negligent driving	32	0	46	0	38	1	41	2	44	1
Uncoded & errors	11	0	11	0	19	0	16	0	26	0
Total	845	3	875	3	856	4	814	6	597	3



The picture above represents all 2016 alcohol-involved fatal crashes in Gladwin County.

In 2016, there were 37 alcohol-involved crashes in Gladwin County:

- 1 K - Fatal Crashes
- 8 A - Suspected Serious Injury Crashes
- 6 B - Suspected Minor Injury Crashes
- 1 C - Possible Injury Crashes
- 21 O - Property Damage Only/No Injury Crashes

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