July 2021

MICHIGAN

Office of Highway Safety Planning

2020

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)

M | UMTRI

Van Buren County

2020 Traffic Crash Data & 2016-2020 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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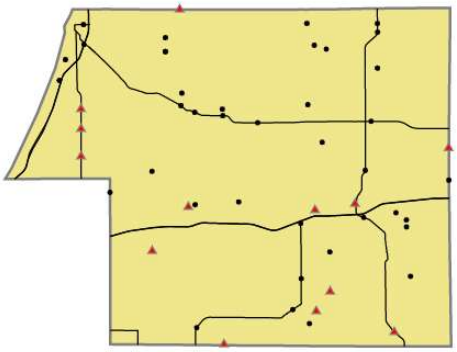
Van Buren County



Crashes by most severe injury (mapped/actual)
- K - Fatal (13/13)
- A - Suspected Serious (39/39)

2020 - Crashes and Injuries by Month

Month	Crashes				Persons	
	Total	Fatal	Injury	Property Damage Only (PDO)	Fatalities	Injuries
January	194	2	24	168	2	30
February	241	1	38	202	1	54
March	99	0	9	90	0	12
April	75	0	11	64	0	17
May	117	1	15	101	1	22
June	187	2	39	146	2	52
July	168	0	46	122	0	63
August	137	0	24	113	0	41
September	151	3	29	119	3	42
October	200	2	24	174	4	29
November	216	2	25	189	2	29
December	188	0	22	166	0	28
Total	**1,973**	**13**	**306**	**1,654**	**15**	**419**

Van Buren County

In 2020:

There were 2,636 drivers involved in 1,973 motor vehicle crashes in Van Buren County. Of those crashes, 13 were classified as fatal, resulting in 15 fatalities. An additional 419 persons were injured.

Van Buren County experienced the highest number of motor vehicle crashes (241) in February, the highest number of fatal crashes (3) in September, and the highest number of persons killed (4) in October.

Michigan driver statistics indicate 6.2 percent of licensed drivers in Van Buren County were age 16-20, and 10.3 percent of drivers in crashes were also in that age group.

2020 - Driver Statistics

Age Group	Van Buren County			Driver Rates	
	2019 Population*	Licensed Drivers	Drivers in Crashes	Per 10k Population	Per 10k Licensed
0 - 15	15,484	275	4	2.6	145.5
16 - 20	4,506	3,424	271	601.4	791.5
21 - 24	3,339	2,966	253	757.7	853.0
25 - 64	38,223	34,883	1,712	447.9	490.8
65 +	14,125	13,331	294	208.1	220.5
Unknown	0	0	102	- -	- -
Total	**75,677**	**54,879**	**2,636**	**348.3**	**480.3**

*2020 Population of Michigan Counties (by single-year of age) not yet available from U.S. Census Bureau

2020 - 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	1,995	75.7	15	75.0	347	1,633
Motor home	4	0.2	0	0.0	2	2
Pickup truck	389	14.8	3	15.0	69	317
Small truck under 10,000 lbs. GVWR	12	0.5	0	0.0	2	10
Motorcycle	36	1.4	1	5.0	29	6
Moped / goped	6	0.2	0	0.0	6	0
Go-cart / golf cart	1	0.0	0	0.0	1	0
Snowmobile	0	0.0	0	0.0	0	0
Off-Road Vehicle - ORV / All-Terrain Vehicle - ATV	2	0.1	0	0.0	0	2
Other	13	0.5	0	0.0	0	13
Truck/bus over 10,000 lbs.	137	5.2	1	5.0	22	114
Unknown	41	1.6	0	0.0	2	39
Total	**2,636**	**100.0**	**20**	**100.0**	**480**	**2,136**

Van Buren County (continued)

5-Year Trend - Crashes by Month

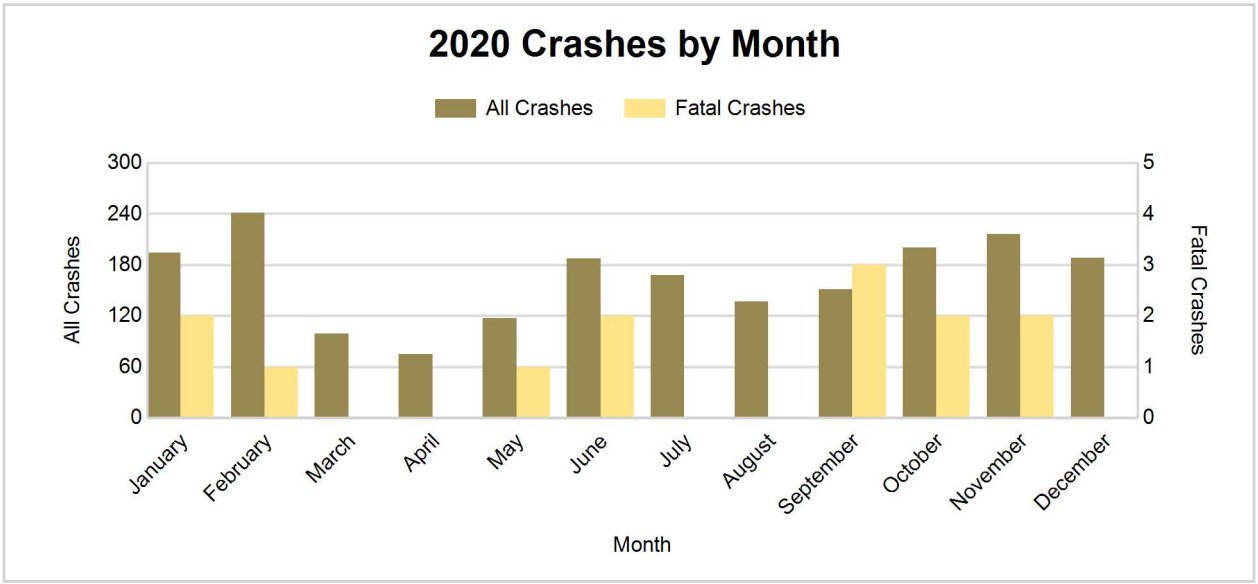
Month	2016		2017		2018		2019		2020	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
January	269	1	230	0	304	0	333	1	194	2
February	294	1	139	0	192	0	159	2	241	1
March	145	0	177	1	159	3	205	3	99	0
April	121	2	137	0	137	0	145	0	75	0
May	171	0	166	1	162	3	151	1	117	1
June	187	2	179	3	153	1	178	2	187	2
July	181	0	203	1	158	1	224	2	168	0
August	136	0	132	2	123	0	127	0	137	0
September	156	2	146	1	136	1	149	1	151	3
October	195	1	214	3	225	0	212	2	200	2
November	243	1	221	1	268	0	330	0	216	2
December	301	2	458	3	194	1	223	3	188	0
Total	**2,399**	**12**	**2,402**	**16**	**2,211**	**10**	**2,436**	**17**	**1,973**	**13**

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	2016		2017		2018		2019		2020	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Monday	341	0	335	1	349	1	376	2	262	4
Tuesday	329	0	316	0	274	0	421	3	237	2
Wednesday	311	3	307	1	352	2	339	4	286	1
Thursday	360	2	358	4	319	0	318	3	307	2
Friday	371	1	379	5	371	3	375	1	352	0
Saturday	335	2	358	2	289	1	313	1	261	2
Sunday	352	4	349	3	257	3	294	3	268	2
Total	**2,399**	**12**	**2,402**	**16**	**2,211**	**10**	**2,436**	**17**	**1,973**	**13**

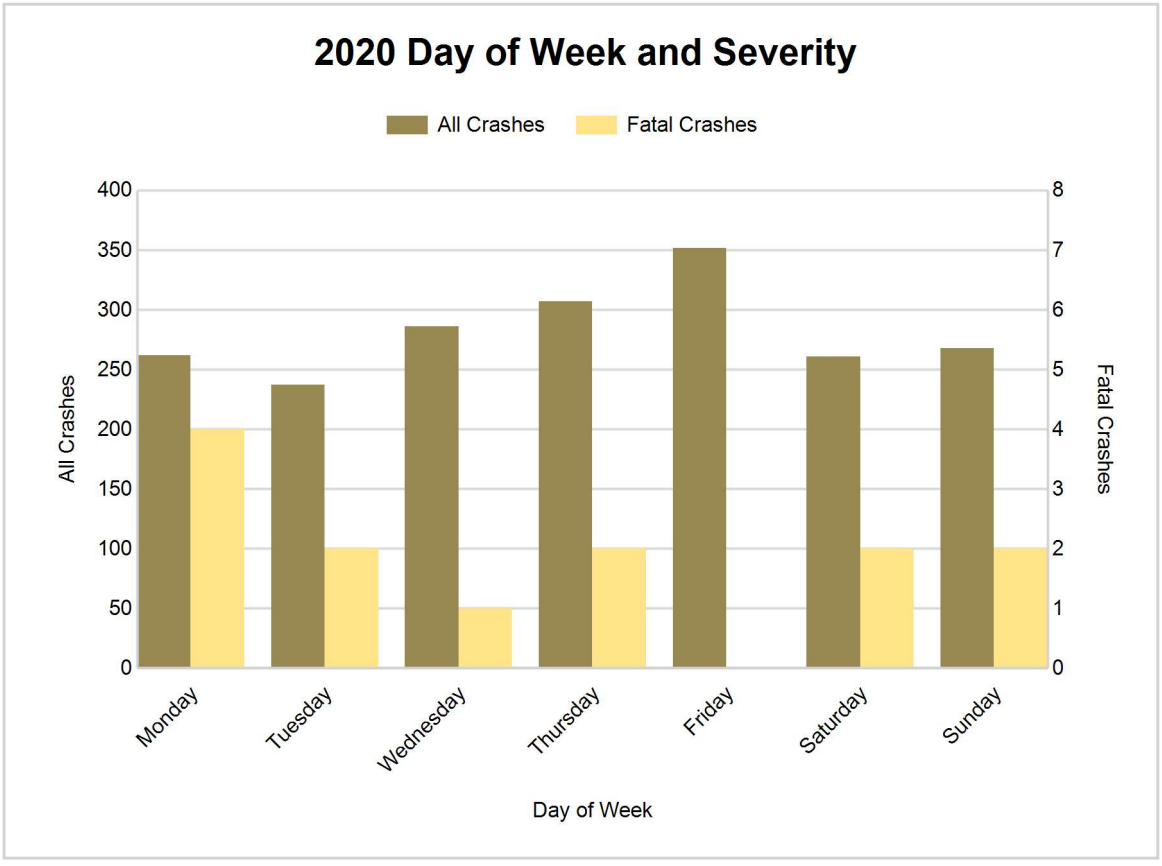
Note: † Indicates that the highest number of total crashes reported in the 5-year period occurred on the same day of the week



Van Buren County (continued)

2020 - Crashes by Day of Week

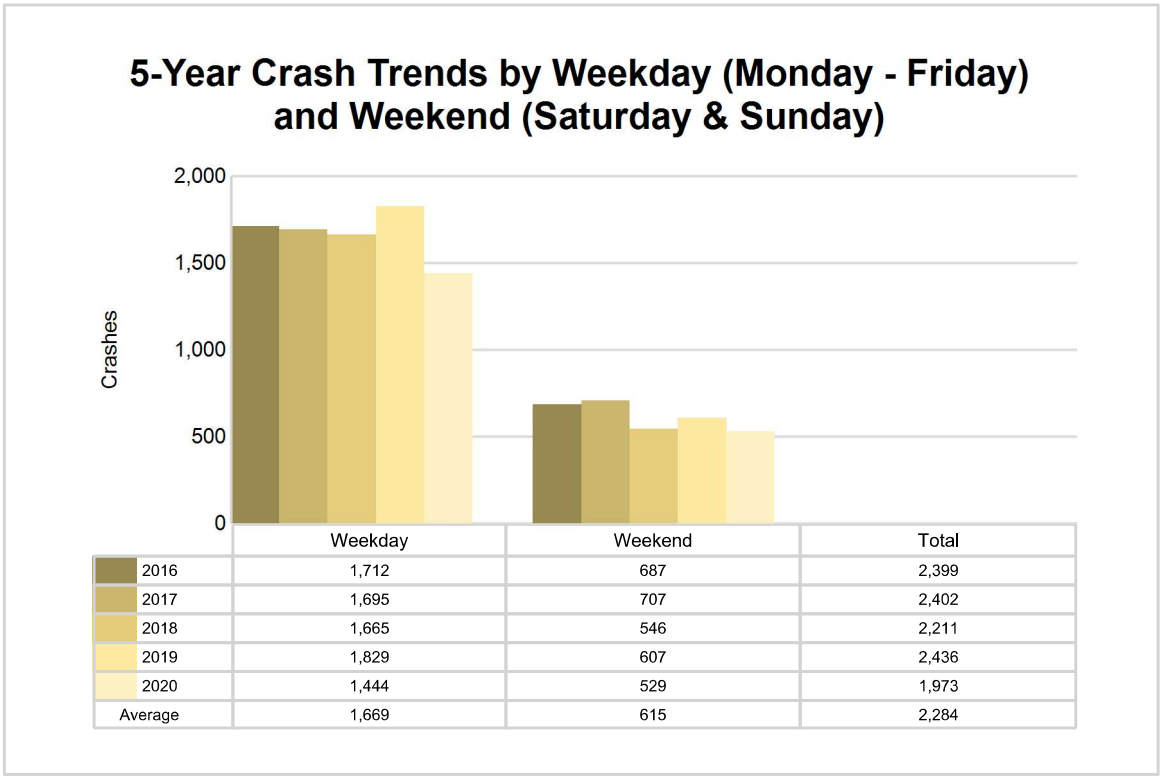
Day	All Crashes		Fatal Crashes		Injury Crashes			PDO Crashes
	Number	% of Total	Number	% of Fatal	A	B	C	Number
Monday	262	13.3	4	30.8	2	13	23	220
Tuesday	237	12.0	2	15.4	7	19	20	189
Wednesday	286	14.5	1	7.7	4	13	21	247
Thursday	307	15.6	2	15.4	5	13	19	268
Friday	352	17.8	0	0.0	9	17	35	291
Saturday	261	13.2	2	15.4	6	14	24	215
Sunday	268	13.6	2	15.4	6	18	18	224
Total	**1,973**	**100.0**	**13**	**100.0**	**39**	**107**	**160**	**1,654**



Van Buren County (continued)

5-Year Trend - Crashes by Weekday and Weekend

Portion of Week	2016		2017		2018		2019		2020	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Weekday	1,712	6	1,695	11	1,665	6	1,829	13	1,444	9
Weekend	687	6	707	5	546	4	607	4	529	4
Total	**2,399**	**12**	**2,402**	**16**	**2,211**	**10**	**2,436**	**17**	**1,973**	**13**



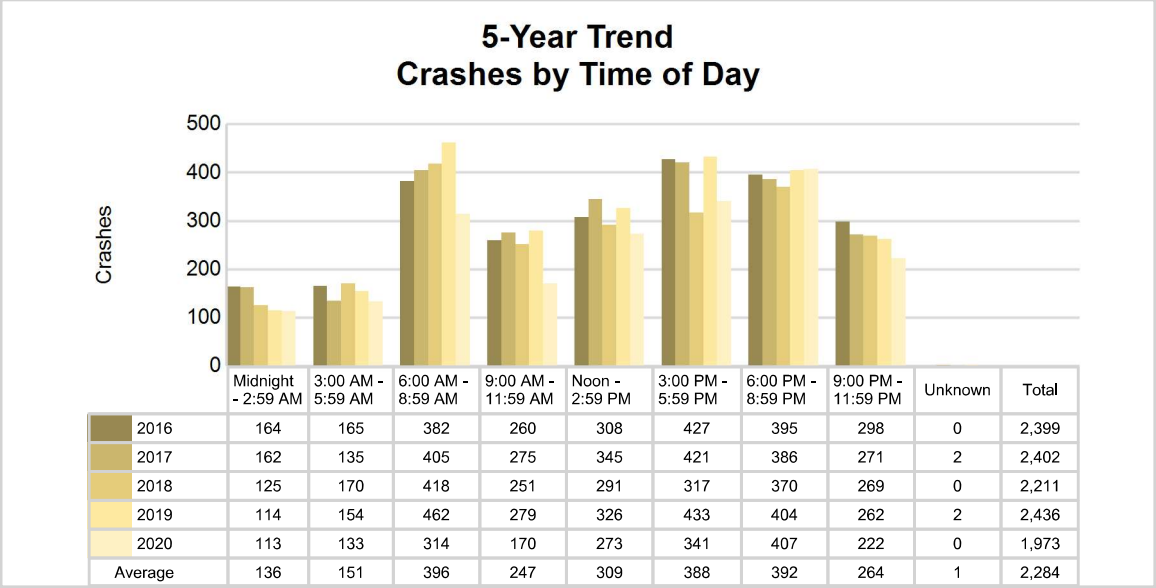
	Weekday	Weekend	Total
2016	1,712	687	2,399
2017	1,695	707	2,402
2018	1,665	546	2,211
2019	1,829	607	2,436
2020	1,444	529	1,973
Average	1,669	615	2,284

Van Buren County (continued)

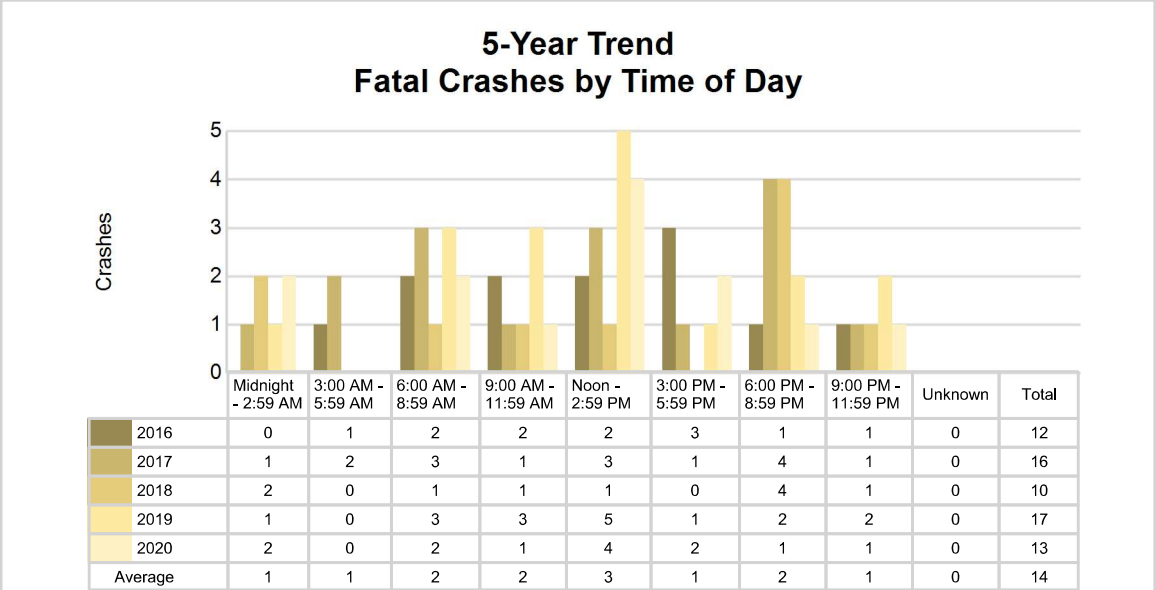
5-Year Trend - Crashes by Time of Day

Time of Day	2016		2017		2018		2019		2020	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Midnight - 2:59 AM	164	0	162	1	125	2	114	1	113	2
3:00 AM - 5:59 AM	165	1	135	2	170	0	154	0	133	0
6:00 AM - 8:59 AM	382	2	405	3	418	1	462	3	314	2
9:00 AM - 11:59 AM	260	2	275	1	251	1	279	3	170	1
Noon - 2:59 PM	308	2	345	3	291	1	326	5	273	4
3:00 PM - 5:59 PM	427	3	421	1	317	0	433	1	341	2
6:00 PM - 8:59 PM	395	1	386	4	370	4	404	2	407	1
9:00 PM - 11:59 PM	298	1	271	1	269	1	262	2	222	1
Unknown	0	0	2	0	0	0	2	0	0	0
Total	**2,399**	**12**	**2,402**	**16**	**2,211**	**10**	**2,436**	**17**	**1,973**	**13**

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



	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
2016	164	165	382	260	308	427	395	298	0	2,399
2017	162	135	405	275	345	421	386	271	2	2,402
2018	125	170	418	251	291	317	370	269	0	2,211
2019	114	154	462	279	326	433	404	262	2	2,436
2020	113	133	314	170	273	341	407	222	0	1,973
Average	136	151	396	247	309	388	392	264	1	2,284

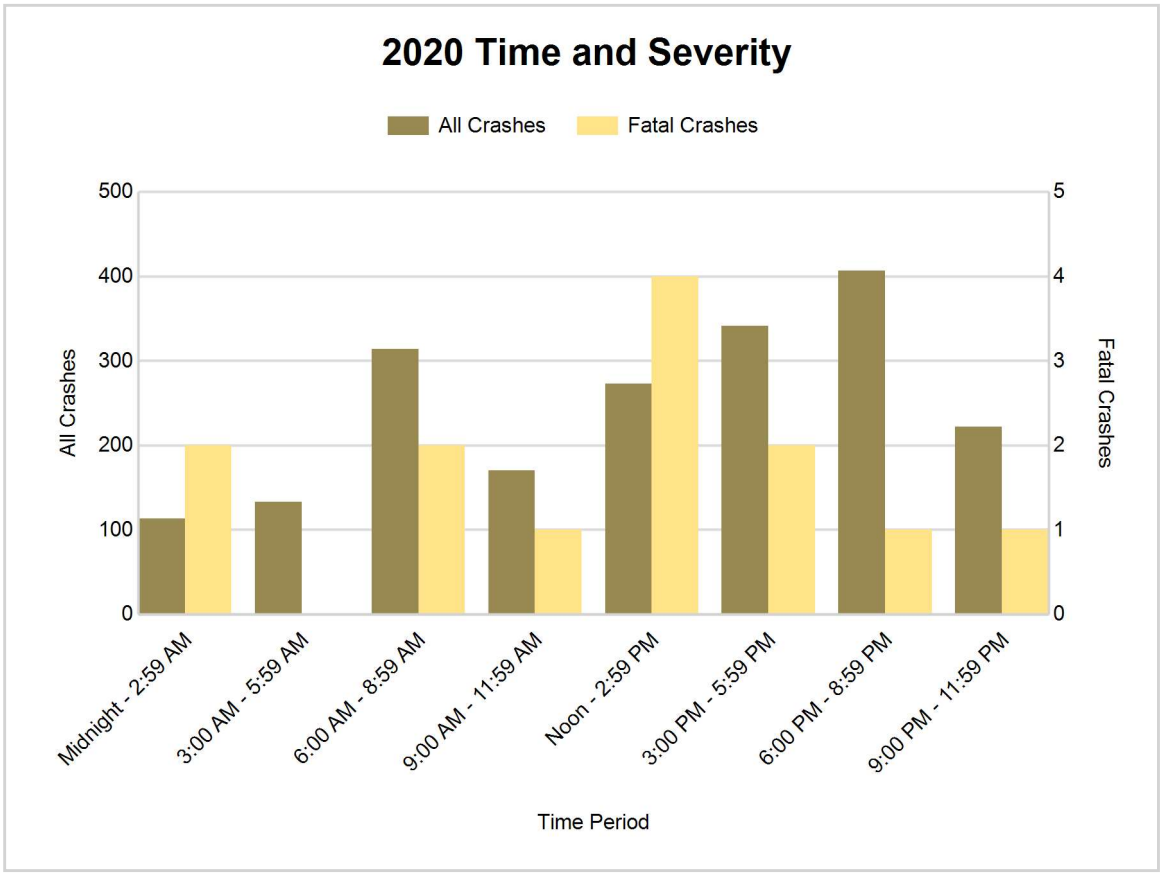


	Midnight - 2:59 AM	3:00 AM - 5:59 AM	6:00 AM - 8:59 AM	9:00 AM - 11:59 AM	Noon - 2:59 PM	3:00 PM - 5:59 PM	6:00 PM - 8:59 PM	9:00 PM - 11:59 PM	Unknown	Total
2016	0	1	2	2	2	3	1	1	0	12
2017	1	2	3	1	3	1	4	1	0	16
2018	2	0	1	1	1	0	4	1	0	10
2019	1	0	3	3	5	1	2	2	0	17
2020	2	0	2	1	4	2	1	1	0	13
Average	1	1	2	2	3	1	2	1	0	14

Van Buren County (continued)

2020 - 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	113	5.7	2	15.4	3	10	4	94
3:00 AM - 5:59 AM	133	6.7	0	0.0	0	4	7	122
6:00 AM - 8:59 AM	314	15.9	2	15.4	5	7	17	283
9:00 AM - 11:59 AM	170	8.6	1	7.7	5	3	18	143
Noon - 2:59 PM	273	13.8	4	30.8	5	19	31	214
3:00 PM - 5:59 PM	341	17.3	2	15.4	9	29	33	268
6:00 PM - 8:59 PM	407	20.6	1	7.7	8	25	35	338
9:00 PM - 11:59 PM	222	11.3	1	7.7	4	10	15	192
Unknown	0	0.0	0	0.0	0	0	0	0
Total	**1,973**	**100.0**	**13**	**100.0**	**39**	**107**	**160**	**1,654**

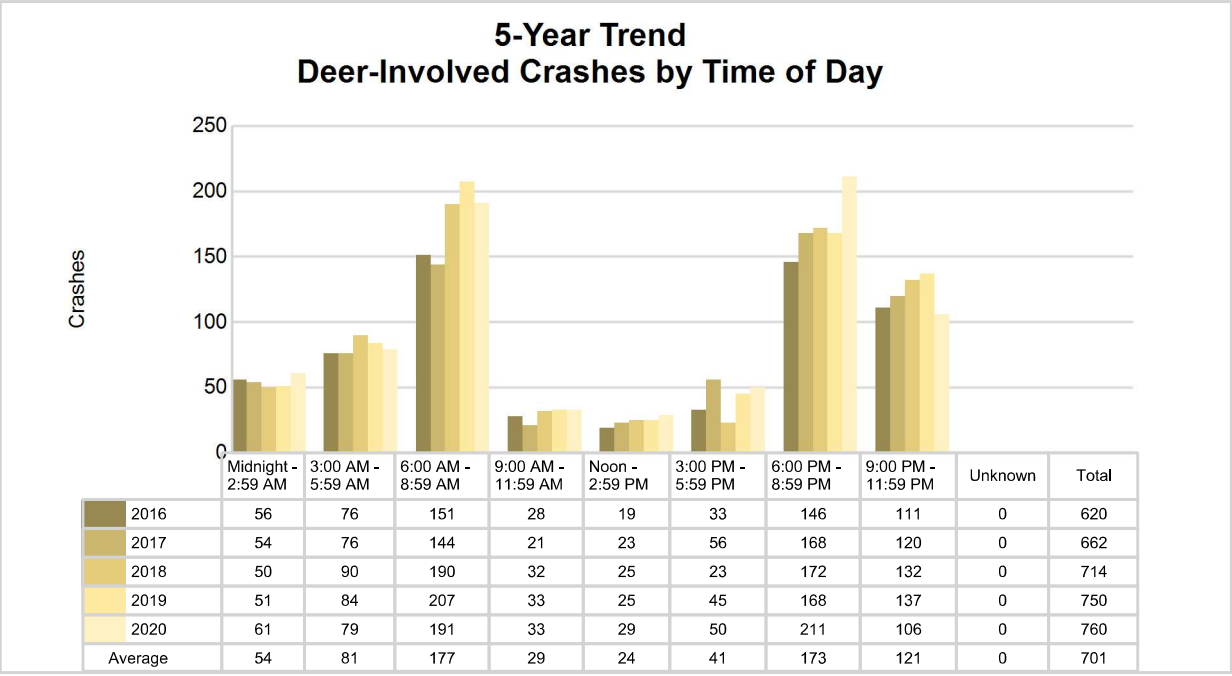


Van Buren County (continued)

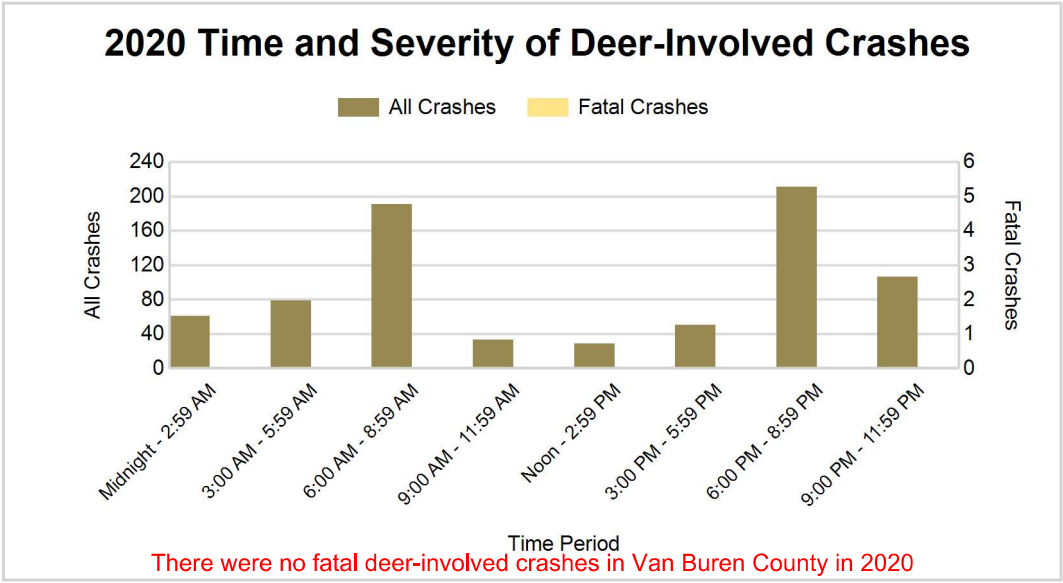
5-Year Trend - Deer-Involved Crashes by Time of Day

Time of Day	2016		2017		2018		2019		2020	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Midnight - 2:59 AM	56	0	54	0	50	0	51	0	61	0
3:00 AM - 5:59 AM	76	0	76	0	90	0	84	0	79	0
6:00 AM - 8:59 AM	151	0	144	0	190	0	207	0	191	0
9:00 AM - 11:59 AM	28	0	21	0	32	0	33	0	33	0
Noon - 2:59 PM	19	0	23	0	25	0	25	0	29	0
3:00 PM - 5:59 PM	33	0	56	0	23	0	45	0	50	0
6:00 PM - 8:59 PM	146	0	168	0	172	0	168	0	211	0
9:00 PM - 11:59 PM	111	0	120	0	132	0	137	0	106	0
Unknown	0	0	0	0	0	0	0	0	0	0
Total	**620**	**0**	**662**	**0**	**714**	**0**	**750**	**0**	**760**	**0**

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



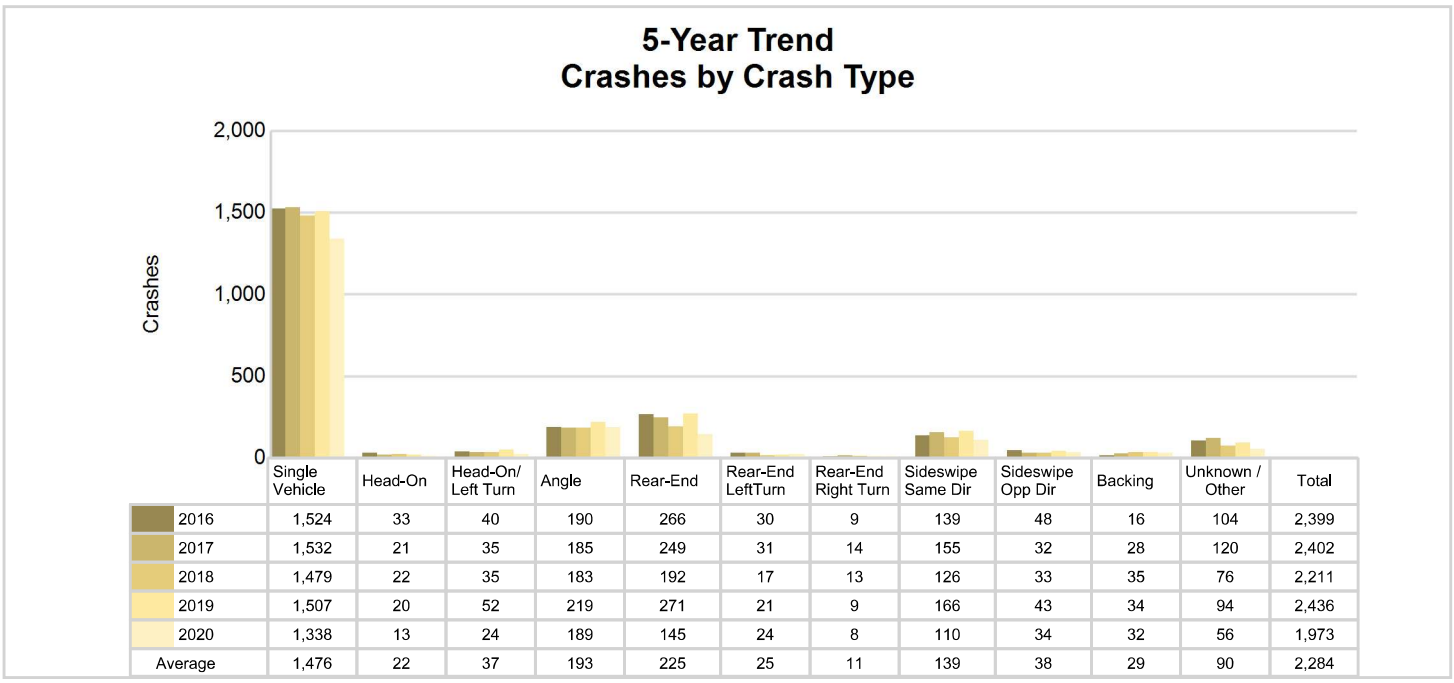
	Midnight - 2:59 AM	3:00 AM - 5:59 AM	6:00 AM - 8:59 AM	9:00 AM - 11:59 AM	Noon - 2:59 PM	3:00 PM - 5:59 PM	6:00 PM - 8:59 PM	9:00 PM - 11:59 PM	Unknown	Total
2016	56	76	151	28	19	33	146	111	0	620
2017	54	76	144	21	23	56	168	120	0	662
2018	50	90	190	32	25	23	172	132	0	714
2019	51	84	207	33	25	45	168	137	0	750
2020	61	79	191	33	29	50	211	106	0	760
Average	54	81	177	29	24	41	173	121	0	701



Van Buren County (continued)

5-Year Trend - Crashes by Crash Type

Crash Type	2016		2017		2018		2019		2020	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Single motor vehicle	1,524	4	1,532	11	1,479	8	1,507	11	1,338	10
Head-on	33	5	21	1	22	1	20	2	13	0
Head-on / left turn	40	0	35	1	35	0	52	0	24	0
Angle	190	1	185	2	183	1	219	3	189	2
Rear-end	266	1	249	1	192	0	271	1	145	1
Rear-end left turn	30	0	31	0	17	0	21	0	24	0
Rear-end right turn	9	0	14	0	13	0	9	0	8	0
Sideswipe same direction	139	1	155	0	126	0	166	0	110	0
Sideswipe opposite direction	48	0	32	0	33	0	43	0	34	0
Backing	16	0	28	0	35	0	34	0	32	0
Other / Unknown	104	0	120	0	76	0	94	0	56	0
Uncoded and Errors	0	0	0	0	0	0	0	0	0	0
Total	**2,399**	**12**	**2,402**	**16**	**2,211**	**10**	**2,436**	**17**	**1,973**	**13**



	Single Vehicle	Head-On	Head-On/ Left Turn	Angle	Rear-End	Rear-End LeftTurn	Rear-End Right Turn	Sideswipe Same Dir	Sideswipe Opp Dir	Backing	Unknown / Other	Total
2016	1,524	33	40	190	266	30	9	139	48	16	104	2,399
2017	1,532	21	35	185	249	31	14	155	32	28	120	2,402
2018	1,479	22	35	183	192	17	13	126	33	35	76	2,211
2019	1,507	20	52	219	271	21	9	166	43	34	94	2,436
2020	1,338	13	24	189	145	24	8	110	34	32	56	1,973
Average	1,476	22	37	193	225	25	11	139	38	29	90	2,284

Van Buren County (continued)

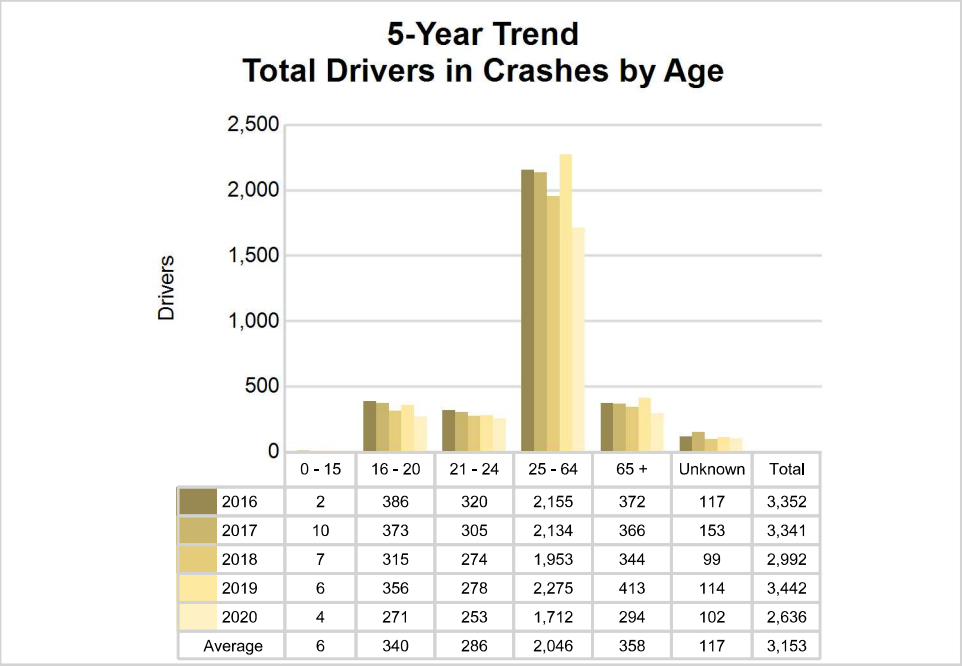
2020 - Reported Motor Vehicle Crashes by Municipality

Municipality	Crashes											Persons	
	Total	Fatal	Injury	Property Damage	Inter-state	US Route	State Route	Local Street	Alcohol-Involved	Drug-Involved	Deer-Involved	Fatalities	Injuries
Almena Twp.	94	1	12	81	0	0	34	60	6	2	45	1	17
Antwerp Twp.	177	0	25	152	38	0	22	117	9	3	67	0	37
Arlington Twp.	60	0	9	51	0	0	27	33	4	0	36	0	16
Bangor	37	0	6	31	0	0	18	19	1	1	9	0	9
Bangor Twp.	63	0	5	58	0	0	12	51	1	0	36	0	6
Bloomingdale	2	0	1	1	0	0	0	2	0	0	1	0	1
Bloomingdale Twp.	52	0	9	43	0	0	0	52	3	1	27	0	13
Breedsville	2	0	0	2	0	0	0	2	0	0	1	0	0
Columbia Twp.	51	0	10	41	0	0	0	51	2	1	19	0	12
Covert Twp.	95	3	10	82	28	0	21	45	8	4	40	3	20
Decatur	11	0	1	10	0	0	5	6	1	0	0	0	1
Decatur Twp.	62	2	13	47	0	0	19	43	5	4	18	2	19
Geneva Twp.	109	1	22	86	0	0	19	90	6	2	42	3	30
Gobles	10	0	3	7	0	0	9	1	1	0	2	0	4
Hamilton Twp.	34	1	5	28	0	0	12	22	2	2	15	1	6
Hartford	10	0	2	8	3	0	0	7	0	0	1	0	2
Hartford Twp.	110	2	13	95	40	0	0	70	6	1	42	2	19
Keeler Twp.	50	0	9	41	0	0	13	37	8	2	17	0	12
Lawrence	6	0	1	5	0	0	0	6	0	0	3	0	2
Lawrence Twp.	133	0	22	111	44	0	0	89	7	2	72	0	31
Lawton	14	0	1	13	0	0	7	7	2	0	3	0	1
Mattawan	39	0	3	36	21	0	0	18	2	1	4	0	3
Paw Paw	74	1	17	56	23	0	35	16	4	1	12	1	24
Paw Paw Twp.	161	1	23	137	57	0	29	75	5	3	58	1	27
Pine Grove Twp.	93	0	10	83	0	0	43	50	2	0	57	0	15
Porter Twp.	63	1	9	53	0	0	32	31	3	1	39	1	11
South Haven	108	0	19	89	38	0	5	64	4	0	5	0	22
South Haven Twp.	140	0	25	115	48	0	21	70	7	0	28	0	33
Waverly Twp.	113	0	21	92	0	0	83	30	6	1	61	0	26
Unknown Community	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	**1,973**	**13**	**306**	**1,654**	**340**	**0**	**466**	**1,164**	**105**	**32**	**760**	**15**	**419**

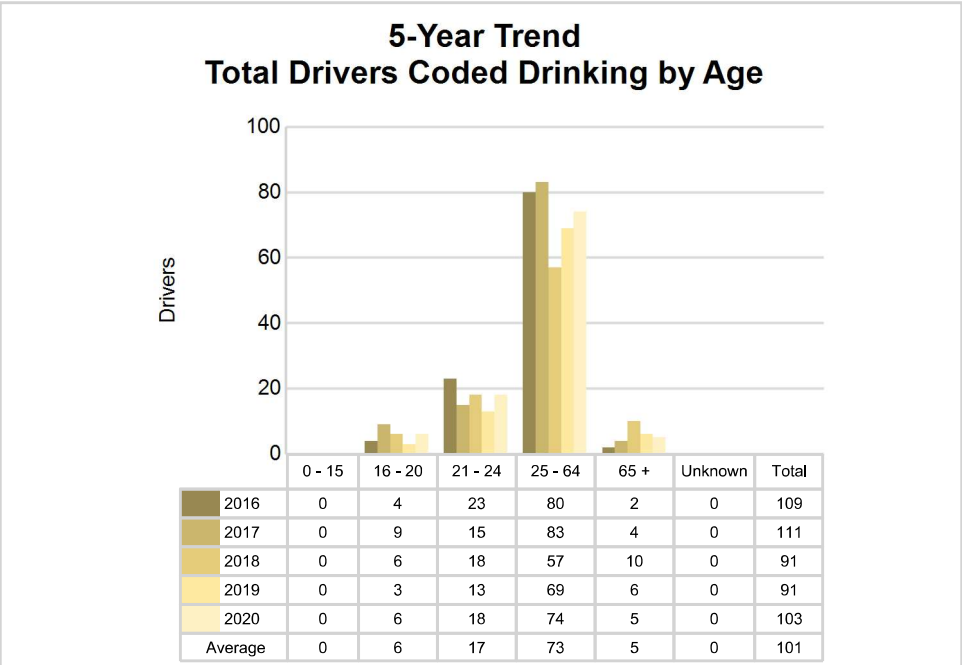
Van Buren County (continued)

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

Driver Age	2016		2017		2018		2019		2020	
	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	10	0	7	0	6	0	4	0
16 - 20	386	4	373	9	315	6	356	3	271	6
21 - 24	320	23	305	15	274	18	278	13	253	18
25 - 64	2,155	80	2,134	83	1,953	57	2,275	69	1,712	74
65 +	372	2	366	4	344	10	413	6	294	5
Unknown	117	0	153	0	99	0	114	0	102	0
Total	**3,352**	**109**	**3,341**	**111**	**2,992**	**91**	**3,442**	**91**	**2,636**	**103**



	0 - 15	16 - 20	21 - 24	25 - 64	65 +	Unknown	Total
2016	2	386	320	2,155	372	117	3,352
2017	10	373	305	2,134	366	153	3,341
2018	7	315	274	1,953	344	99	2,992
2019	6	356	278	2,275	413	114	3,442
2020	4	271	253	1,712	294	102	2,636
Average	6	340	286	2,046	358	117	3,153



	0 - 15	16 - 20	21 - 24	25 - 64	65 +	Unknown	Total
2016	0	4	23	80	2	0	109
2017	0	9	15	83	4	0	111
2018	0	6	18	57	10	0	91
2019	0	3	13	69	6	0	91
2020	0	6	18	74	5	0	103
Average	0	6	17	73	5	0	101

Van Buren County (continued)

2020 - 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	10	10	5	6	0	0	3	1	2
21 - 24	20	20	14	18	0	1	7	2	8
25 - 64	98	85	58	74	0	10	17	25	22
65 +	8	6	4	5	0	0	3	1	1
Unknown	3	0	0	0	0	0	0	0	0
Total	**139**	**121**	**81**	**103**	**0**	**11**	**30**	**29**	**33**

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

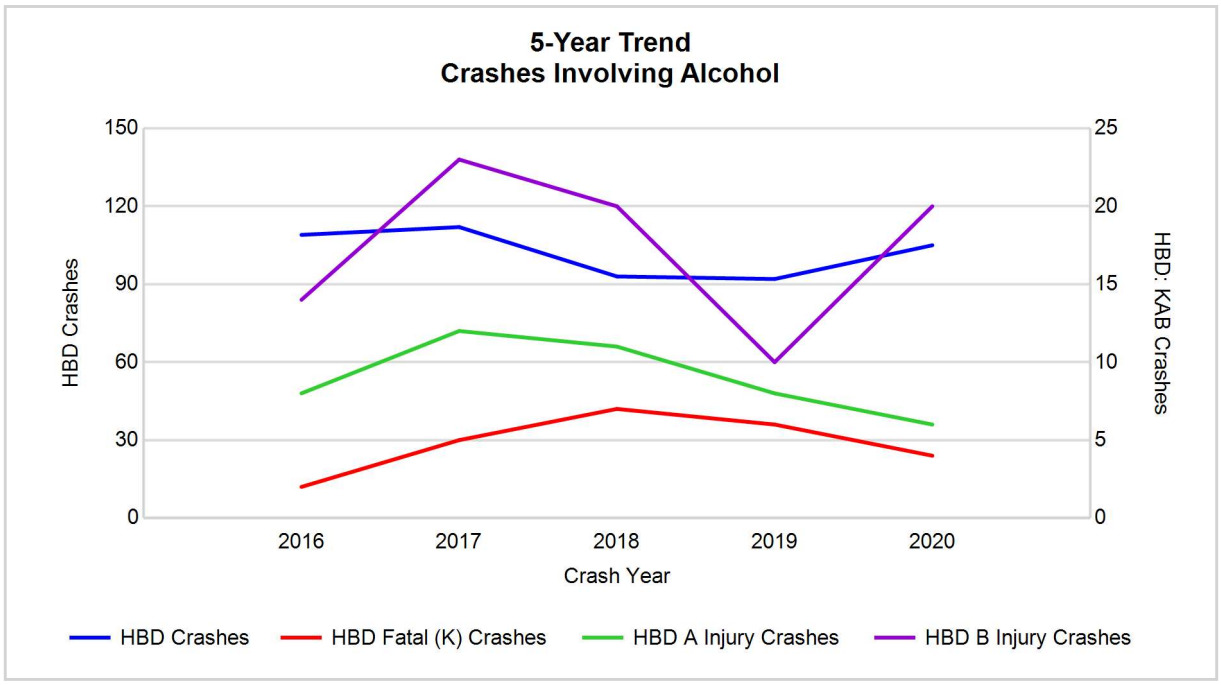
In 2020, there were 139 drivers in alcohol-involved crashes; 103 (74.1%) of those drivers were coded as had-been-drinking by the officer on the crash form.

- 59 (57.3%) of the 103 drivers had a blood alcohol concentration (BAC) of 0.08 g/dL (grams per deciliter) or greater, and 29 (49.2%) of the 59 drivers had a BAC at or above 0.17 g/dL.
- 81 (78.6%) of the 103 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
2016	2,399	109	4.5	12	2	16.7	55	8	14.5	94	14	14.9
2017	2,402	112	4.7	16	5	31.3	62	12	19.4	136	23	16.9
2018	2,211	93	4.2	10	7	70.0	70	11	15.7	117	20	17.1
2019	2,436	92	3.8	17	6	35.3	45	8	17.8	122	10	8.2
2020	1,973	105	5.3	13	4	30.8	39	6	15.4	107	20	18.7

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



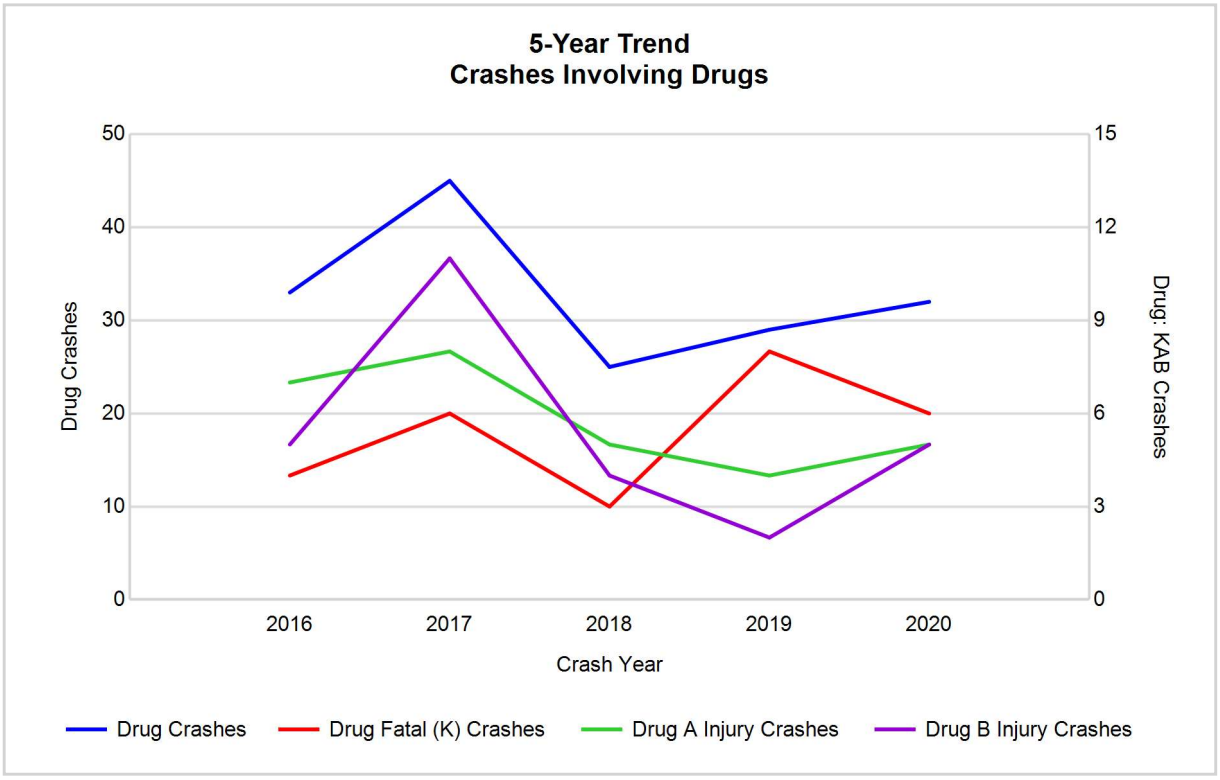
Note: Had-Been-Drinking (HBD)

Van Buren 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
2016	2,399	33	1.4	12	4	33.3	55	7	12.7	94	5	5.3
2017	2,402	45	1.9	16	6	37.5	62	8	12.9	136	11	8.1
2018	2,211	25	1.1	10	3	30.0	70	5	7.1	117	4	3.4
2019	2,436	29	1.2	17	8	47.1	45	4	8.9	122	2	1.6
2020	1,973	32	1.6	13	6	46.2	39	5	12.8	107	5	4.7

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

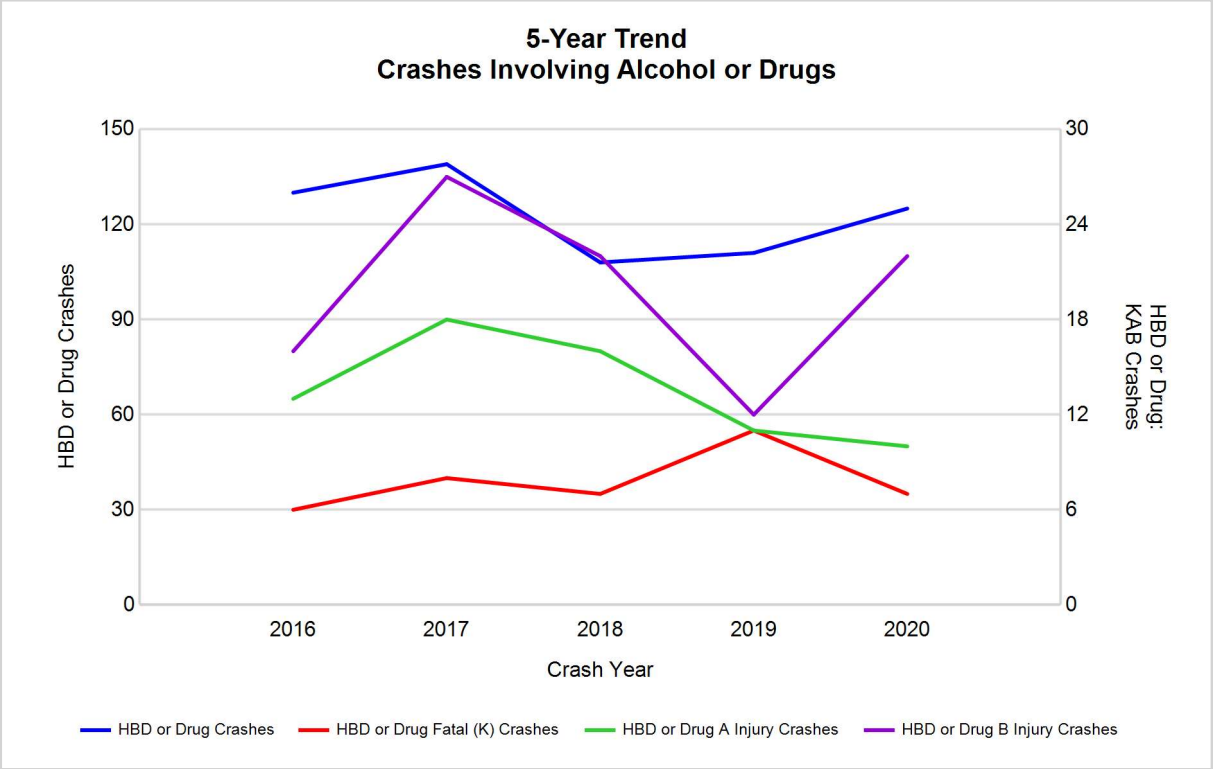


Van Buren County (continued)

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
2016	2,399	130	5.4	12	6	50.0	55	13	23.6	94	16	17.0
2017	2,402	139	5.8	16	8	50.0	62	18	29.0	136	27	19.9
2018	2,211	108	4.9	10	7	70.0	70	16	22.9	117	22	18.8
2019	2,436	111	4.6	17	11	64.7	45	11	24.4	122	12	9.8
2020	1,973	125	6.3	13	7	53.8	39	10	25.6	107	22	20.6

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)

Van Buren County (continued)

2020 - 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	2,096	1,938	92.5	9	5	55.6	30	19	63.3	101	89	88.1	191	177	92.7	1,714	1,648	96.1
Motor home	5	3	60.0	0	0	0.0	2	0	0.0	0	0	0.0	0	0	0.0	3	3	100.0
Pickup truck	399	370	92.7	1	1	100.0	6	5	83.3	15	13	86.7	24	23	95.8	342	328	95.9
Small truck under 10,000 lbs. GVWR	12	12	100.0	0	0	0.0	0	0	0.0	0	0	0.0	1	1	100.0	11	11	100.0
Motorcycle	37	16	43.2	1	0	0.0	7	4	57.1	15	7	46.7	7	3	42.9	7	2	28.6
Moped / goped	7	0	0.0	0	0	0.0	0	0	0.0	3	0	0.0	3	0	0.0	1	0	0.0
Go-cart / golf cart	3	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	3	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	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	13	5	38.5	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	10	5	50.0
Truck/bus over 10,000 lbs.	137	135	98.5	0	0	0.0	0	0	0.0	0	0	0.0	3	3	100.0	134	132	98.5
Unknown	41	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0
Total	**2,752**	**2,479**	**90.1**	**11**	**6**	**0.0**	**45**	**28**	**62.2**	**134**	**109**	**81.3**	**232**	**207**	**89.2**	**2,224**	**2,129**	**95.7**

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.

2020 - 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	34	29	85.3	1	0	0.0	1	0	0.0	11	9	81.8	17	16	94.1	4	4	100.0
16 - 20	293	275	93.9	0	0	0.0	7	4	57.1	16	13	81.3	40	35	87.5	229	223	97.4
21 - 24	263	239	90.9	2	2	100.0	3	2	66.7	19	14	73.7	25	21	84.0	214	200	93.5
25 - 64	1,755	1,646	93.8	6	3	50.0	28	16	57.1	73	59	80.8	123	109	88.6	1,521	1,459	95.9
65 +	305	290	95.1	2	1	50.0	6	6	100.0	15	14	93.3	27	26	96.3	255	243	95.3
Unknown	102	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	1	0	0.0
Total	**2,752**	**2,479**	**90.1**	**11**	**6**	**0.0**	**45**	**28**	**62.2**	**134**	**109**	**81.3**	**232**	**207**	**89.2**	**2,224**	**2,129**	**95.7**

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.

Van Buren County (continued)

5-Year Trend - Restraint Use Among Drivers

Restraint Use	2016			2017			2018			2019			2020		
	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	17	0	2	8	0	3	4	0	0	7	0	1	9	0	3
Shoulder belt only used	13	0	3	51	0	10	19	0	1	16	1	1	21	0	2
Lap belt only used	9	0	2	10	0	1	11	0	1	12	0	2	4	0	0
Both lap & shoulder belts used	3,014	6	354	2,953	5	345	2,704	3	288	3,143	5	348	2,343	3	236
No belts used	28	2	11	25	0	12	18	1	9	25	7	12	26	2	17
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	3	0	2	0	0	0	2	0	0	0	0	0
Restraint use unknown	193	3	10	258	1	15	200	1	22	208	1	15	190	1	8
Helmet worn	14	1	7	15	0	11	17	0	13	10	0	5	15	0	13
Helmet not worn	23	0	19	14	3	10	17	1	13	17	0	15	24	1	18
Helmet use unknown	5	0	3	2	0	2	2	0	1	2	0	2	4	0	2
Uncoded & errors	34	0	0	2	0	1	0	0	0	0	0	0	0	0	0
Total	**3,352**	**12**	**411**	**3,341**	**9**	**412**	**2,992**	**6**	**348**	**3,442**	**14**	**401**	**2,636**	**7**	**299**

5-Year Trend - Restraint Use Among Drivers Coded Drinking

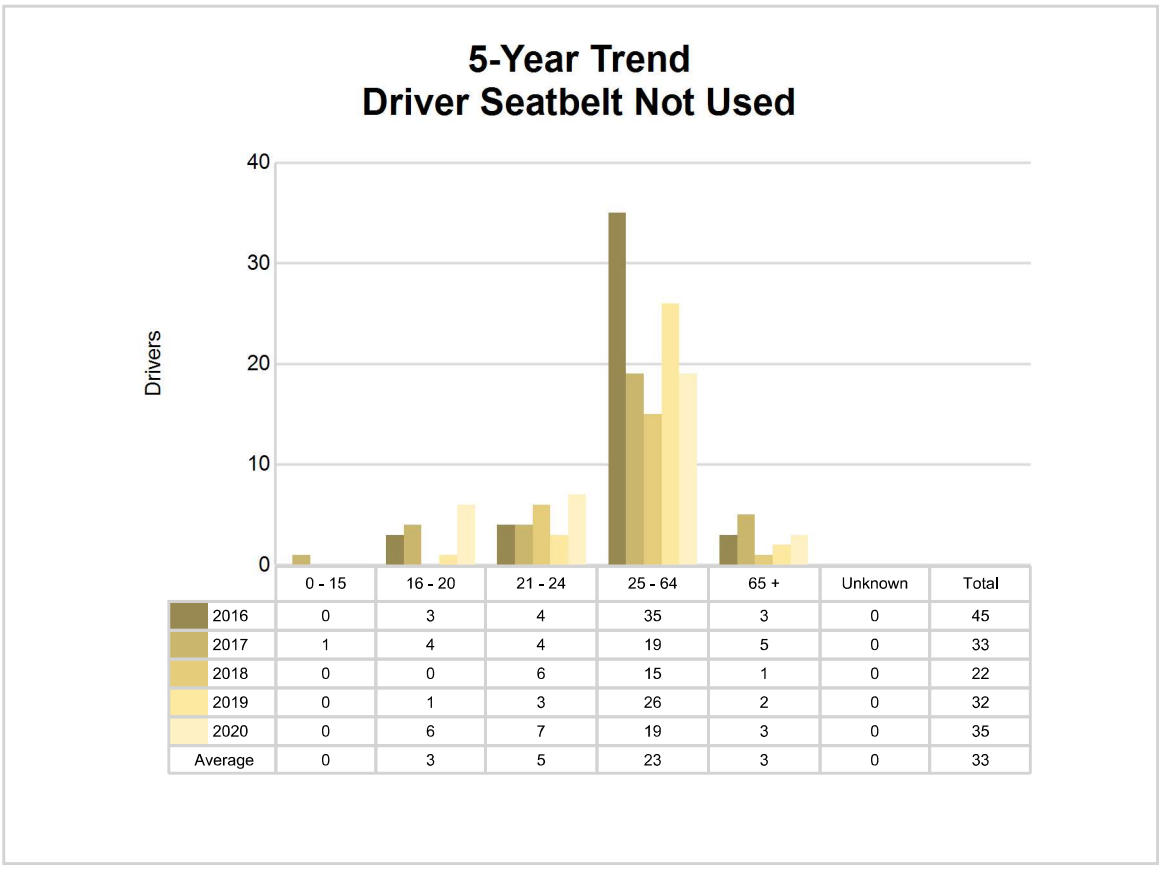
Restraint Use	2016			2017			2018			2019			2020		
	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers
No belts available	2	0	1	0	0	0	0	0	0	0	0	0	1	0	1
Shoulder belt only used	0	0	0	2	0	1	0	0	0	0	0	0	0	0	0
Lap belt only used	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Both lap & shoulder belts used	82	0	25	71	1	25	62	1	25	68	1	15	77	0	24
No belts used	3	0	2	6	0	4	6	1	3	8	2	4	9	1	5
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	18	2	3	28	1	5	18	1	10	12	1	7	12	1	1
Helmet worn	0	0	0	0	0	0	0	0	0	1	0	1	1	0	1
Helmet not worn	2	0	2	4	1	3	5	1	3	2	0	2	3	1	0
Helmet use unknown	1	0	1	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	**109**	**2**	**35**	**111**	**3**	**38**	**91**	**4**	**41**	**91**	**4**	**29**	**103**	**3**	**32**

Van Buren County (continued)

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

Age Group	2016			2017			2018			2019			2020		
	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	1	0	0	0	0	0	0	0	0	0	0	0
16 - 20	3	1	1	4	0	2	0	0	0	1	0	0	6	0	4
21 - 24	4	0	1	4	0	3	6	1	2	3	0	2	7	0	5
25 - 64	35	1	9	19	0	8	15	0	7	26	7	9	19	2	10
65 +	3	0	2	5	0	2	1	0	0	2	0	2	3	0	1
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	**45**	**2**	**13**	**33**	**0**	**15**	**22**	**1**	**9**	**32**	**7**	**13**	**35**	**2**	**20**

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



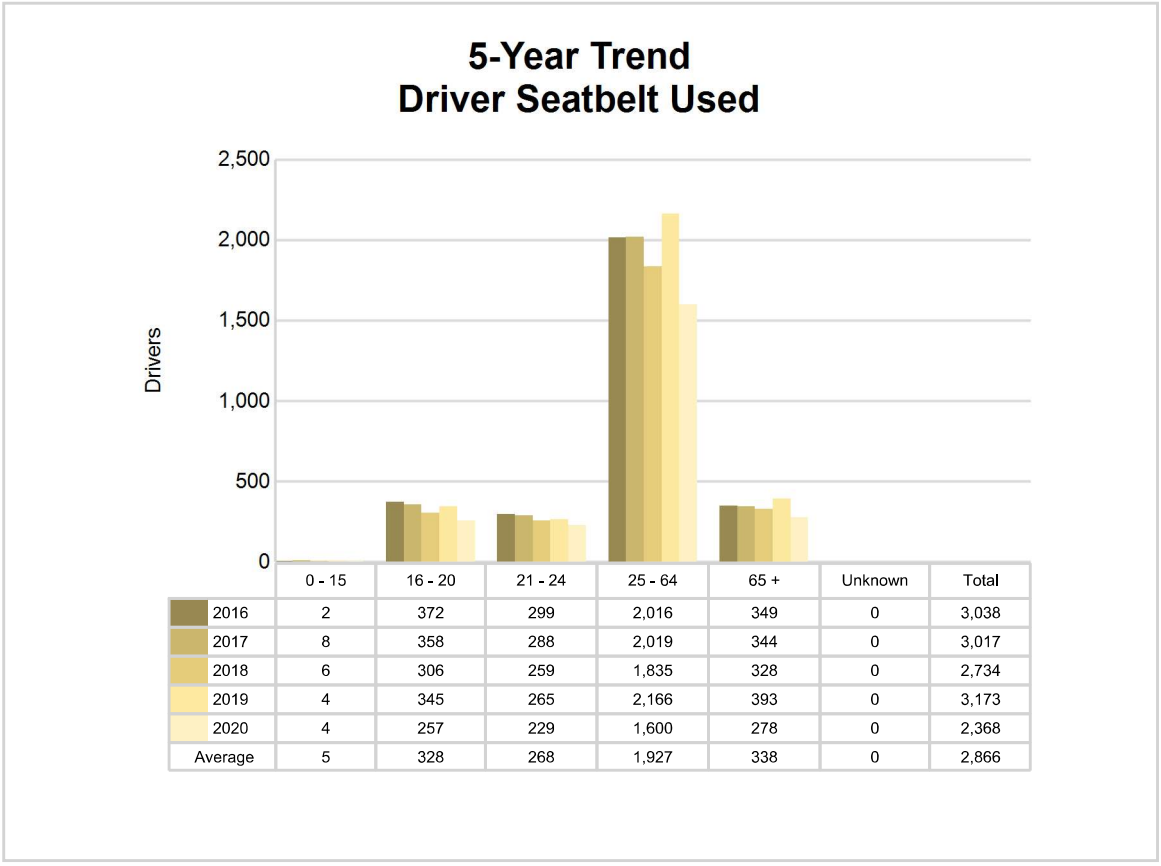
	0 - 15	16 - 20	21 - 24	25 - 64	65 +	Unknown	Total
2016	0	3	4	35	3	0	45
2017	1	4	4	19	5	0	33
2018	0	0	6	15	1	0	22
2019	0	1	3	26	2	0	32
2020	0	6	7	19	3	0	35
Average	0	3	5	23	3	0	33

Van Buren County (continued)

5-Year Trend - Seatbelt Used Among Drivers by Age

Age Group	2016			2017			2018			2019			2020		
	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	2	0	0	8	0	1	6	0	1	4	0	0	4	0	0
16 - 20	372	1	48	358	0	50	306	0	43	345	0	39	257	0	34
21 - 24	299	1	41	288	0	34	259	0	26	265	0	41	229	1	28
25 - 64	2,016	4	226	2,019	4	217	1,835	2	174	2,166	3	236	1,600	2	141
65 +	349	0	44	344	1	56	328	1	46	393	3	35	278	0	35
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	**3,038**	**6**	**359**	**3,017**	**5**	**358**	**2,734**	**3**	**290**	**3,173**	**6**	**351**	**2,368**	**3**	**238**

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



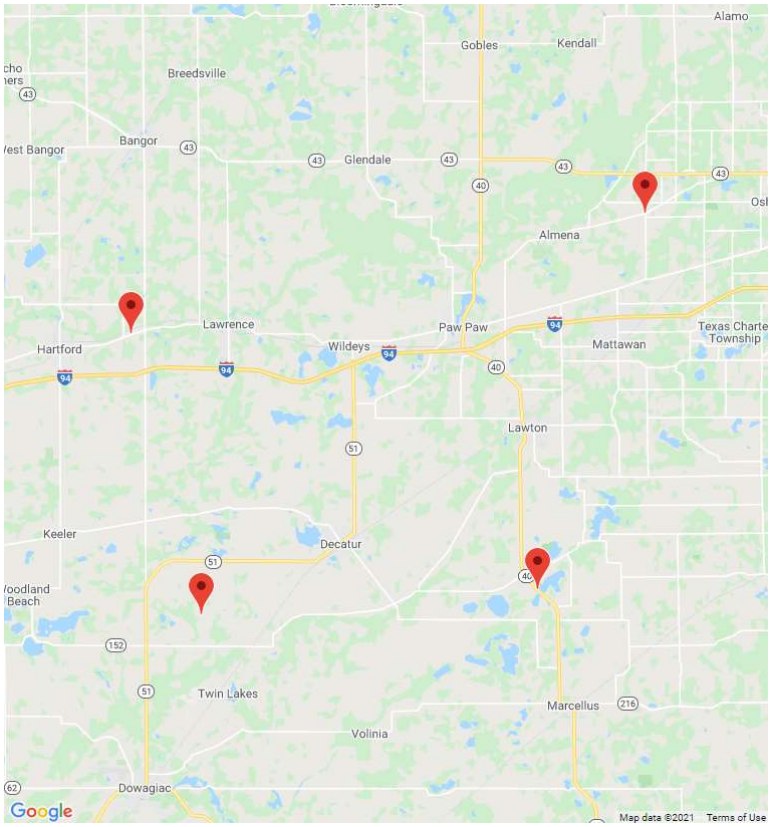
	0 - 15	16 - 20	21 - 24	25 - 64	65 +	Unknown	Total
2016	2	372	299	2,016	349	0	3,038
2017	8	358	288	2,019	344	0	3,017
2018	6	306	259	1,835	328	0	2,734
2019	4	345	265	2,166	393	0	3,173
2020	4	257	229	1,600	278	0	2,368
Average	5	328	268	1,927	338	0	2,866

Van Buren County (continued)

5-Year Trend - Drivers in Crashes by Hazardous Action

Hazardous Action	2016		2017		2018		2019		2020	
	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	1,724	9	1,715	10	1,637	2	1,886	8	1,541	9
Speed too fast	544	5	517	2	416	2	468	4	249	3
Speed too slow	2	0	7	0	7	0	1	0	2	0
Failed to yield	222	1	232	2	216	0	255	2	206	1
Disregard traffic control	37	0	31	2	39	1	34	1	20	1
Drove wrong way	3	1	4	0	2	0	3	0	0	0
Drove left of center	35	2	19	1	18	0	17	3	38	0
Improper passing	21	0	19	0	13	0	27	0	15	0
Improper lane use	39	0	45	0	53	0	54	0	57	0
Improper turn	24	0	24	0	20	0	23	0	21	0
Improper/no signal	3	0	3	0	2	0	3	0	4	0
Improper backing	48	0	30	0	29	0	28	0	28	0
Unable to stop in assured clear distance	271	2	252	0	214	0	264	2	169	1
Other	115	0	138	0	102	4	138	0	107	0
Unknown	116	2	141	2	109	2	117	2	77	2
Reckless driving	16	0	25	1	19	0	16	0	17	2
Careless/negligent driving	132	1	139	4	96	1	108	3	85	1
Uncoded & errors	0	0	0	0	0	0	0	0	0	0
Total	**3,352**	**23**	**3,341**	**24**	**2,992**	**12**	**3,442**	**25**	**2,636**	**20**

Van Buren County (continued)



The picture above represents all 2020 alcohol-involved fatal crashes in Van Buren County.

In 2020, there were 105 alcohol-involved crashes in Van Buren County:

4	K - Fatal Crashes
6	A - Suspected Serious Injury Crashes
20	B - Suspected Minor Injury Crashes
12	C - Possible Injury Crashes
63	O - Property Damage Only/No Injury Crashes

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