



2021

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

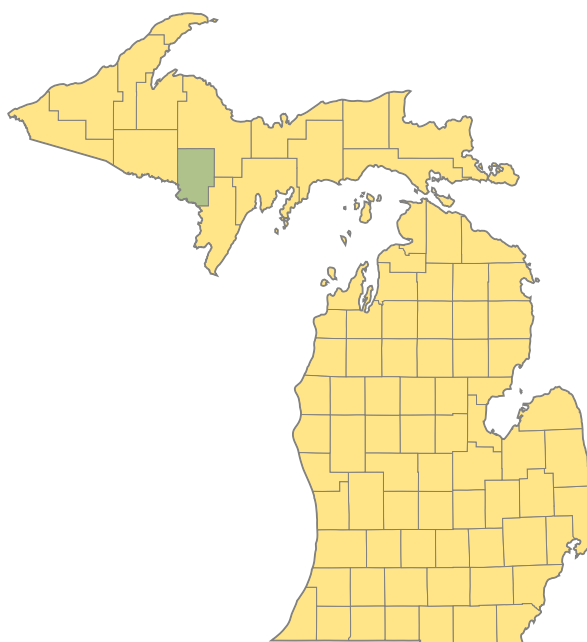
O = No Injury

Property Damage Only (PDO)



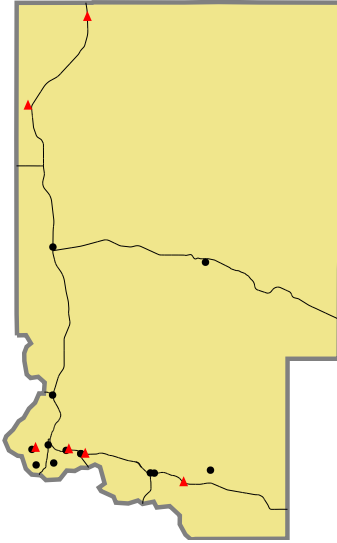
Dickinson County

2021 Traffic Crash Data & 2017-2021 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.



Crashes by most severe injury (mapped/actual)

▲ K - Fatal (6/6)

● A - Suspected Serious (13/13)

2021 - Crashes and Injury by Month

Month	Crashes				People	
	Total	Fatal	Injury	Property Damage Only (PDO)	Fatalities	Injuries
January	72	0	7	65	0	9
February	77	0	9	68	0	9
March	50	0	1	49	0	2
April	54	0	4	50	0	4
May	58	1	6	51	1	13
June	67	1	8	58	1	15
July	47	1	8	38	1	12
August	61	0	13	48	0	20
September	77	1	11	65	1	16
October	79	1	11	67	1	11
November	99	0	6	93	0	9
December	132	1	14	117	2	17
Total	873	6	98	769	7	137

2021 - Driver Statistics

Age Group	Dickinson County			Driver Rates	
	2019 Population*	Licensed Drivers	Drivers in Crashes	Per 10k Population	Per 10k Licensed
0 - 15	4,436	139	8	18.0	575.5
16 - 20	1,342	1,148	118	879.3	1,027.9
21 - 24	1,079	953	77	713.6	808.0
25 - 64	12,628	11,898	734	581.2	616.9
65 +	5,754	5,800	211	366.7	363.8
Unknown	0	0	59	--	--
Total	25,239	19,938	1,207	478.2	605.4

*2021 Population of Michigan Counties (by single-year of age) not yet available from U.S. Census Bureau.

2021 - 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	850	70.4	7	70.0	129	714
Motor Home	1	0.1	0	0.0	0	1
Pickup Truck	292	24.2	1	10.0	27	264
Small Truck Under 10,000 lbs. GVWR	5	0.4	0	0.0	1	4
Motorcycle	5	0.4	0	0.0	4	1
Moped/Goped	4	0.3	0	0.0	2	2
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)	6	0.5	1	10.0	2	3
Other (non-registered farm equipment, construction equipment, snow plows, etc.)	4	0.3	0	0.0	1	3
Truck/Bus (over 10,000 lbs. GVWR/8+ occupants/hazmat placard)	27	2.2	1	10.0	2	24
Uncoded & Errors	13	1.1	0	0.0	0	13
Total	1,207	100.0	10	100.0	168	1,029

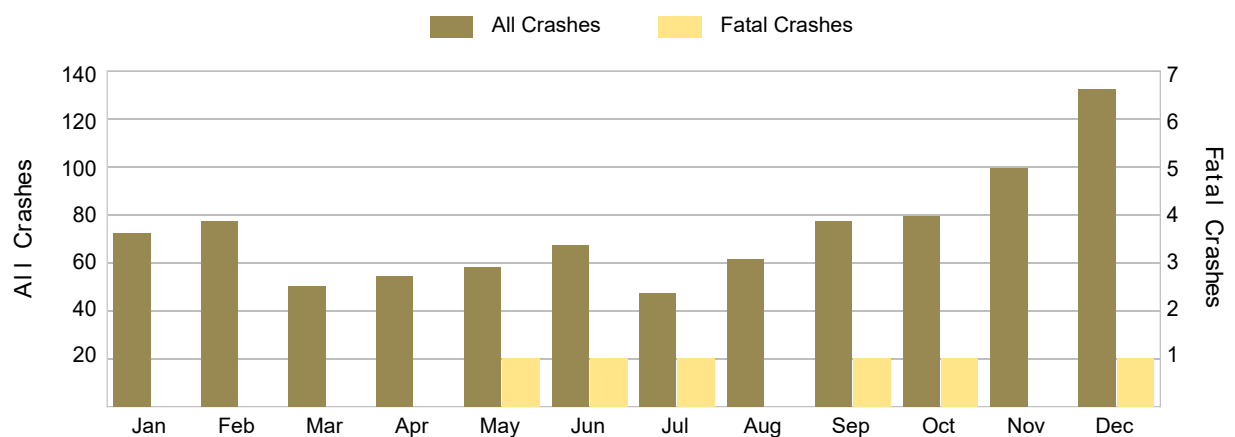
5-Year Trend - Crashes by Month

Month	2017		2018		2019		2020		2021	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
January	75	0	81	0	88	0	88	1	72	0
February	74	0	51	0	74	0	73	0	77	0
March	54	0	66	0	52	0	58	0	50	0
April	56	1	48	0	52	0	32	0	54	0
May	55	0	51	0	57	0	45	0	58	1
June	72	0	65	0	76	0	50	0	67	1
July	65	0	52	1	67	0	52	0	47	1
August	73	0	60	0	59	0	45	0	61	0
September	91	1	75	0	58	1	64	0	77	1
October	106	0	99	0	120	0	94	1	79	1
November	102	1	109	0	103	0	96	1	99	0
December	134	1	94	1	93	0	74	0	132	1
Total	957	4	851	2	899	1	771	3	873	6

5-Year Trend - Crashes by Day of Week

Day	2017		2018		2019		2020		2021	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Monday	129	0	120	0	103	1	118	1	135	0
Tuesday	140	0	129	0	141	0	94	1	136	1
Wednesday	136	1	121	0	145	0	133	0	121	2
Thursday	145	1	136	0	137	0	122	1	128	1
Friday	162	0	156	0	162	0	125	0	142	0
Saturday	148	1	107	1	120	0	95	0	119	1
Sunday	97	1	82	1	91	0	84	0	92	1
Total	957	4	851	2	899	1	771	3	873	6

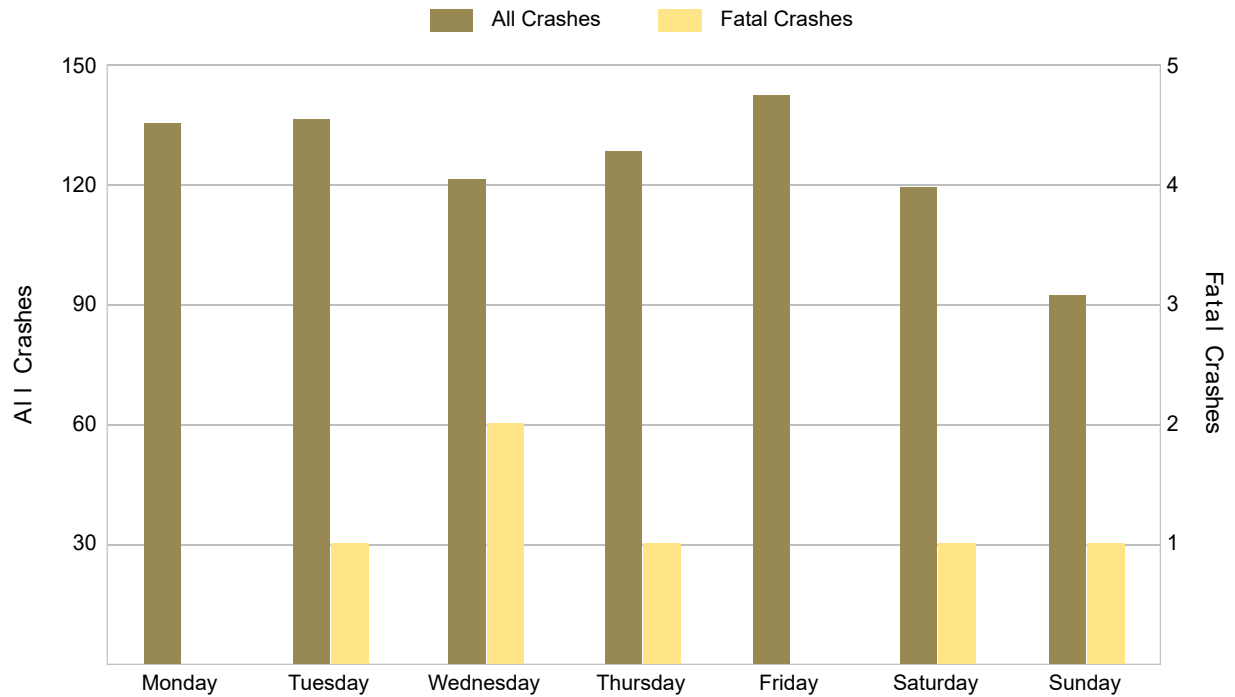
2021 Crashes by Month



2021 - Crashes by Day of Week

Day	All Crashes		Fatal Crashes		Injury Crashes			PDO Crashes
	Number	% of Total	Fatal	% of Fatal	A	B	C	Number
Monday	135	15.5	0	0.0	1	6	7	121
Tuesday	136	15.6	1	16.7	3	5	7	120
Wednesday	121	13.9	2	33.3	2	1	8	108
Thursday	128	14.7	1	16.7	4	6	11	106
Friday	142	16.3	0	0.0	0	4	8	130
Saturday	119	13.6	1	16.7	2	4	6	106
Sunday	92	10.5	1	16.7	1	4	8	78
Total	873	100.0	6	100.0	13	30	55	769

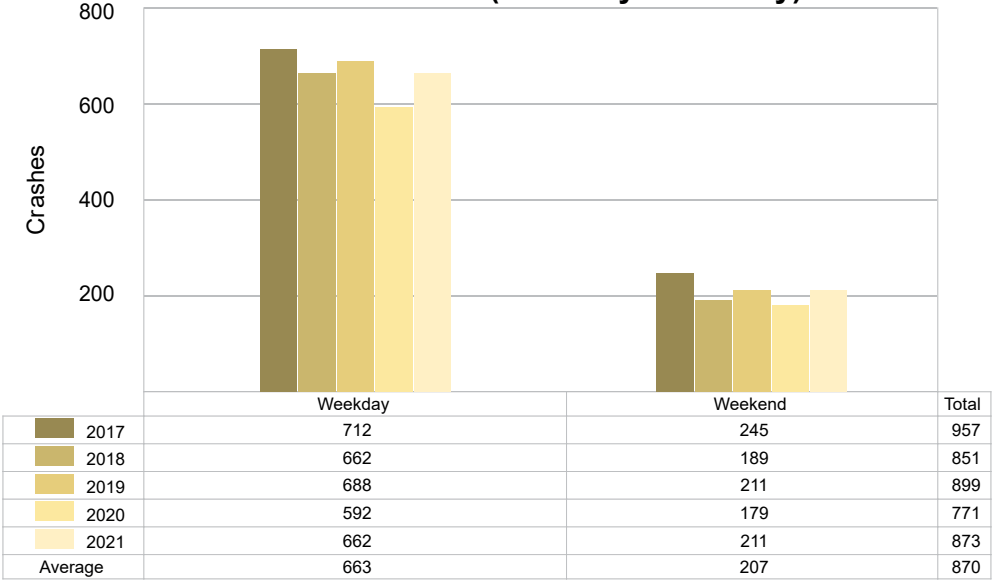
2021 Day of Week and Severity



5-Year Trend - Crashes by Weekday and Weekend

Portion of Week	2017		2018		2019		2020		2021	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Weekday	712	2	662	0	688	1	592	3	662	4
Weekend	245	2	189	2	211	0	179	0	211	2
Total	957	4	851	2	899	1	771	3	873	6

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

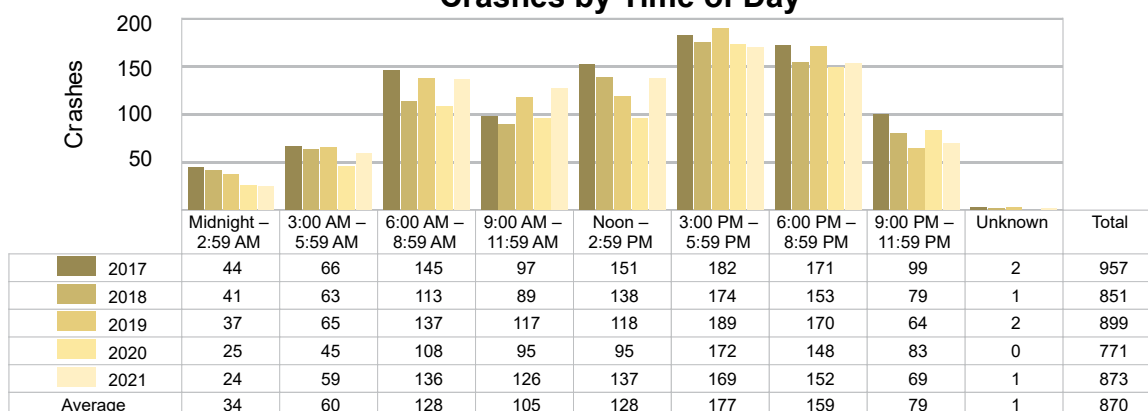


5-Year Trend - Crashes by Time of Day

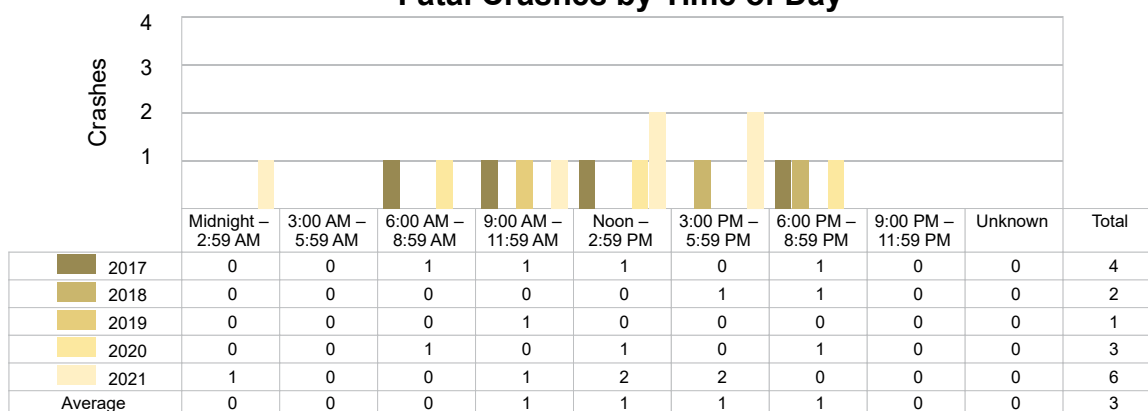
Time of Day	2017		2018		2019		2020		2021	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Midnight – 2:59 AM	44	0	41	0	37	0	25	0	24	1
3:00 AM – 5:59 AM	66	0	63	0	65	0	45	0	59	0
6:00 AM – 8:59 AM	145	1	113	0	137	0	108	1	136	0
9:00 AM – 11:59 AM	97	1	89	0	117	1	95	0	126	1
Noon – 2:59 PM	151	1	138	0	118	0	95	1	137	2
3:00 PM – 5:59 PM	182 †	0	174 †	1	189 †	0	172 †	0	169 †	2
6:00 PM – 8:59 PM	171	1	153	1	170	0	148	1	152	0
9:00 PM – 11:59 PM	99	0	79	0	64	0	83	0	69	0
Unknown	2	0	1	0	2	0	0	0	1	0
Total	957	4	851	2	899	1	771	3	873	6

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

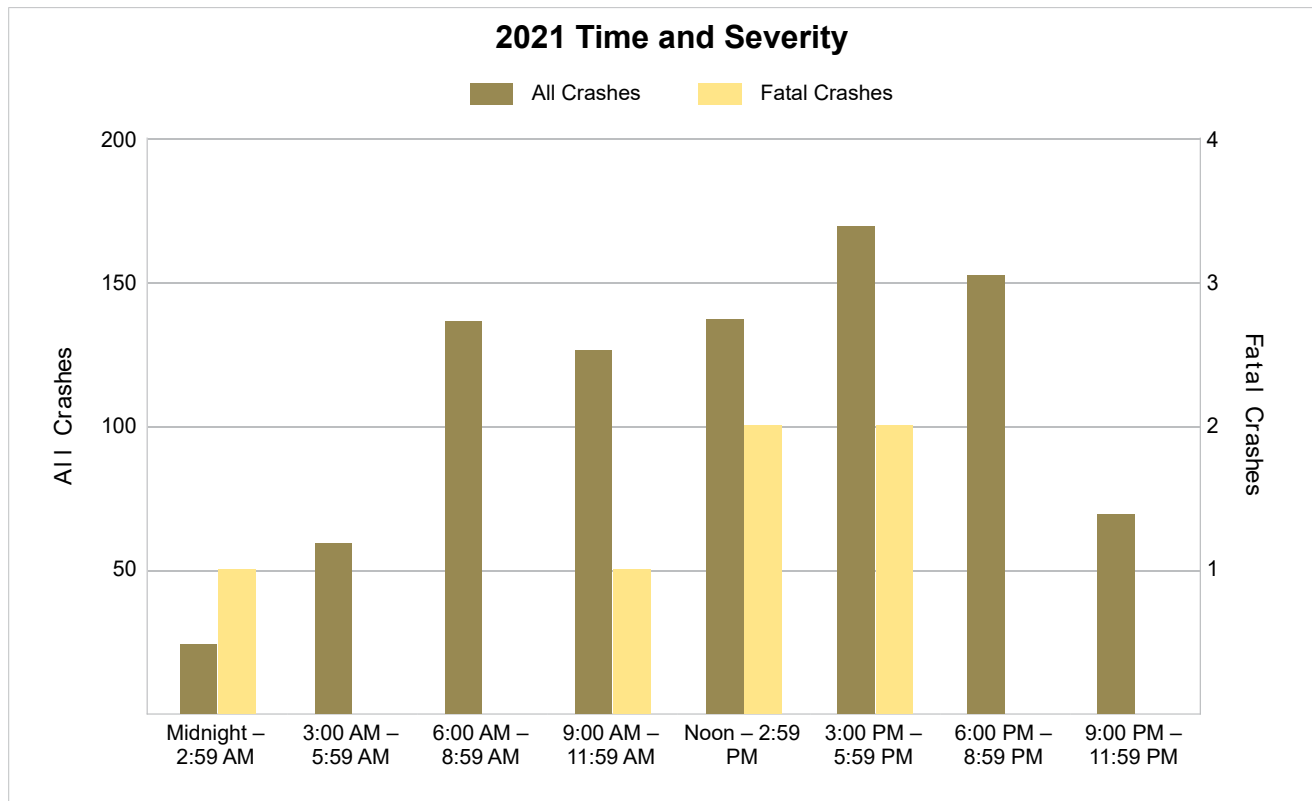


5-Year Trend Fatal Crashes by Time of Day



2021 - 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	24	2.7	1	16.7	0	3	2	18
3:00 AM – 5:59 AM	59	6.8	0	0.0	1	1	2	55
6:00 AM – 8:59 AM	136	15.6	0	0.0	3	5	8	120
9:00 AM – 11:59 AM	126	14.4	1	16.7	0	3	7	115
Noon – 2:59 PM	137	15.7	2	33.3	2	7	10	116
3:00 PM – 5:59 PM	169	19.4	2	33.3	4	5	17	141
6:00 PM – 8:59 PM	152	17.4	0	0.0	3	4	9	136
9:00 PM – 11:59 PM	69	7.9	0	0.0	0	2	0	67
Unknown	1	0.1	0	0.0	0	0	0	1
Total	873	100.0	6	100.0	13	30	55	769

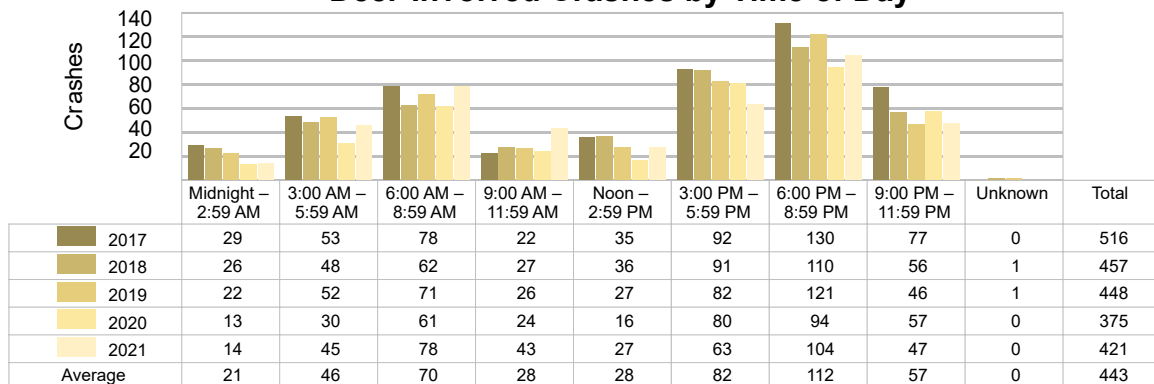


5-Year Trend - Deer-Involved Crashes by Time of Day

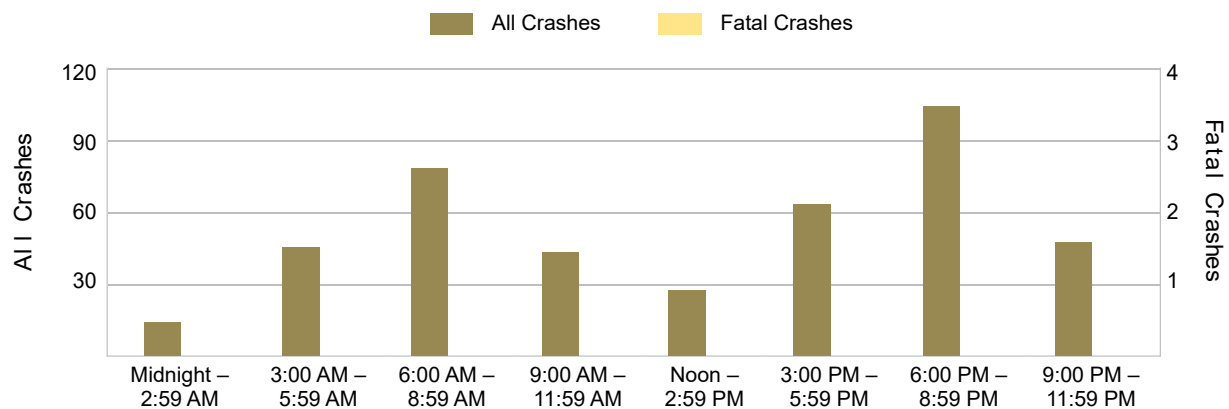
Time of Day	2017		2018		2019		2020		2021	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Midnight – 2:59 AM	29	0	26	0	22	0	13	0	14	0
3:00 AM – 5:59 AM	53	0	48	0	52	0	30	0	45	0
6:00 AM – 8:59 AM	78	0	62	0	71	0	61	0	78	0
9:00 AM – 11:59 AM	22	0	27	0	26	0	24	0	43	0
Noon – 2:59 PM	35	0	36	0	27	0	16	0	27	0
3:00 PM – 5:59 PM	92	0	91	0	82	0	80	0	63	0
6:00 PM – 8:59 PM	130 †	0	110 †	0	121 †	0	94 †	0	104 †	0
9:00 PM – 11:59 PM	77	0	56	0	46	0	57	0	47	0
Unknown	0	0	1	0	1	0	0	0	0	0
Total	516	0	457	0	448	0	375	0	421	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



2021 Time and Severity of Deer-Involved Crashes

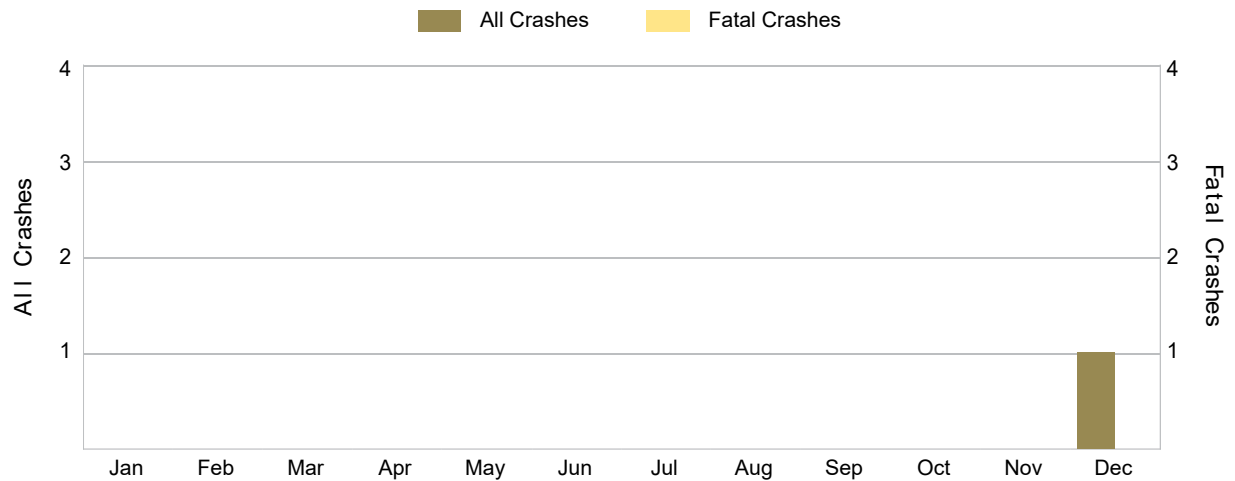


There were no fatal deer-involved crashes in Dickinson County in 2021.

5-Year Trend - Pedestrian-Involved Crashes by Month

Month	2017		2018		2019		2020		2021	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
January	0	0	0	0	0	0	0	0	0	0
February	0	0	0	0	0	0	0	0	0	0
March	0	0	0	0	0	0	0	0	0	0
April	0	0	2	0	0	0	0	0	0	0
May	0	0	4	0	0	0	0	0	0	0
June	0	0	0	0	0	0	0	0	0	0
July	0	0	0	0	0	0	0	0	0	0
August	0	0	1	0	0	0	0	0	0	0
September	1	0	0	0	0	0	1	0	0	0
October	0	0	0	0	0	0	0	0	0	0
November	0	0	0	0	1	0	0	0	0	0
December	0	0	0	0	0	0	0	0	1	0
Total	1	0	7	0	1	0	1	0	1	0

2021 Pedestrian-Involved Crashes by Month

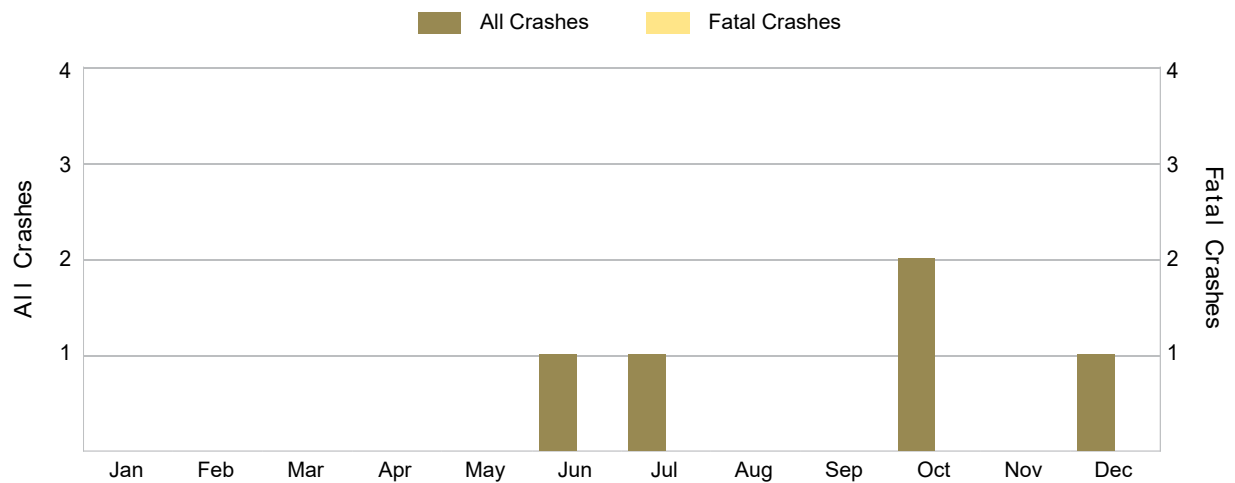


There were no fatal pedestrian-involved crashes in Dickinson County in 2021.

5-Year Trend - Bicyclist-Involved Crashes by Month

Month	2017		2018		2019		2020		2021	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
January	0	0	0	0	0	0	0	0	0	0
February	0	0	0	0	0	0	0	0	0	0
March	0	0	0	0	0	0	0	0	0	0
April	0	0	0	0	0	0	0	0	0	0
May	0	0	1	0	0	0	0	0	0	0
June	0	0	0	0	0	0	0	0	1	0
July	2	0	0	0	1	0	1	0	1	0
August	1	0	0	0	0	0	0	0	0	0
September	0	0	0	0	0	0	1	0	0	0
October	0	0	0	0	1	0	0	0	2	0
November	0	0	0	0	1	0	0	0	0	0
December	0	0	0	0	0	0	0	0	1	0
Total	3	0	1	0	3	0	2	0	5	0

2021 Bicyclist-Involved Crashes by Month



There were no fatal bicyclist-involved crashes in Dickinson County in 2021.

2021 - Reported Motor Vehicle Crashes by Municipality

Municipality	Crashes												
	Total	Fatal	Injury	Property Damage	Inter-State	US Route	State Route	Local Street	Alcohol-Involved	Drug-Involved	Deer-Involved	Pedestrian-Involved	Bicyclist-Involved
Breen Twp.	21	0	1	20	0	0	14	5	0	0	16	0	0
Breitung Twp.	246	1	27	218	0	89	41	113	9	4	165	0	0
Felch Twp.	39	0	2	37	0	0	24	14	0	0	22	0	0
Iron Mountain	234	1	36	197	0	99	36	99	1	1	31	0	5
Kingsford	55	1	10	44	0	0	21	34	1	2	6	1	0
Norway	79	0	13	66	0	50	0	29	2	2	35	0	0
Norway Twp.	65	1	2	62	0	32	0	30	2	1	44	0	0
Sagola Twp.	88	2	1	85	0	0	69	15	3	1	69	0	0
Waucedah Twp.	45	0	6	39	0	22	0	22	3	1	33	0	0
West Branch Twp.	1	0	0	1	0	0	0	1	0	0	0	0	0
Total	873	6	98	769	0	292	205	362	21	12	421	1	5

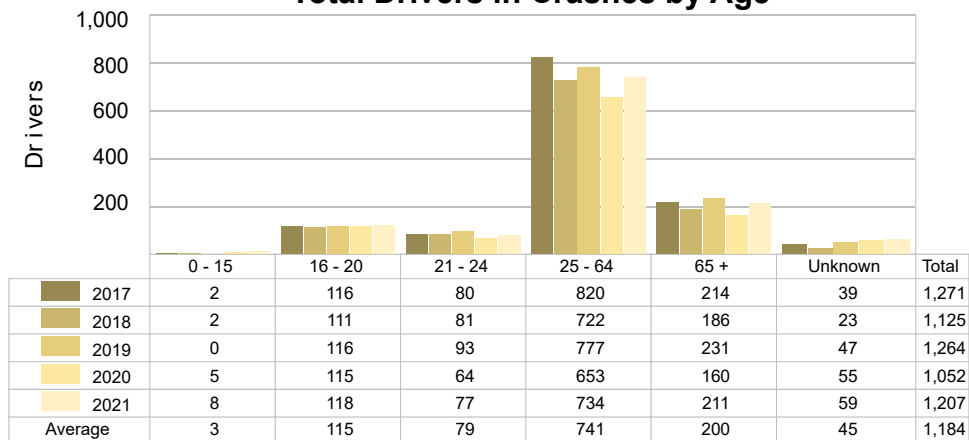
2021 - People in Reported Motor Vehicle Crashes by Municipality

Municipality	People					
	Fatalities	Suspected Serious Injuries	Suspected Minor Injuries	Possible Injuries	No Injuries	Uncoded & Errors
Breen Twp.	0	0	2	0	22	1
Breitung Twp.	1	10	20	28	280	7
Felch Twp.	0	2	1	0	39	1
Iron Mountain	1	5	25	62	391	38
Kingsford	1	6	12	12	104	7
Norway	0	6	9	24	111	6
Norway Twp.	1	0	1	2	76	3
Sagola Twp.	3	1	0	0	95	0
Waucedah Twp.	0	1	5	3	47	0
West Branch Twp.	0	0	0	0	2	0
Total	7	31	75	131	1,167	63

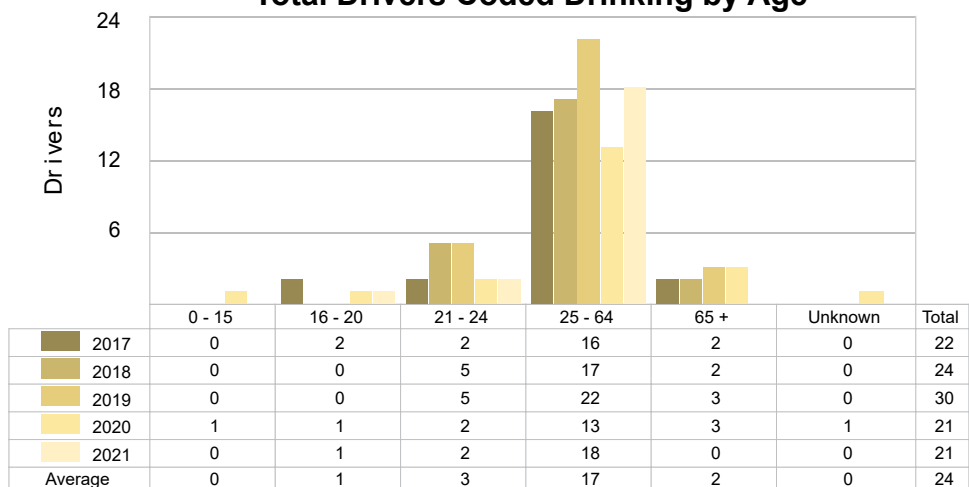
5-Year Trend - Drivers in Crashes Coded Drinking by Driver Age

Driver Age	2017		2018		2019		2020		2021	
	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	2	0	0	0	5	1	8	0
16 - 20	116	2	111	0	116	0	115	1	118	1
21 - 24	80	2	81	5	93	5	64	2	77	2
25 - 64	820	16	722	17	777	22	653	13	734	18
65 +	214	2	186	2	231	3	160	3	211	0
Unknown	39	0	23	0	47	0	55	1	59	0
Total	1,271	22	1,125	24	1,264	30	1,052	21	1,207	21

5-Year Trend Total Drivers in Crashes by Age



5-Year Trend Total Drivers Coded Drinking by Age



**2021 - 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	1	1	1	1	0	0	0	0	1
21 - 24	2	4	1	2	0	1	0	0	1
25 - 64	19	22	16	18	0	1	3	6	8
65 +	1	3	0	0	0	0	0	0	0
Unknown	2	0	0	0	0	0	0	0	0
Total	25	30	18	21	0	2	3	6	10

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).

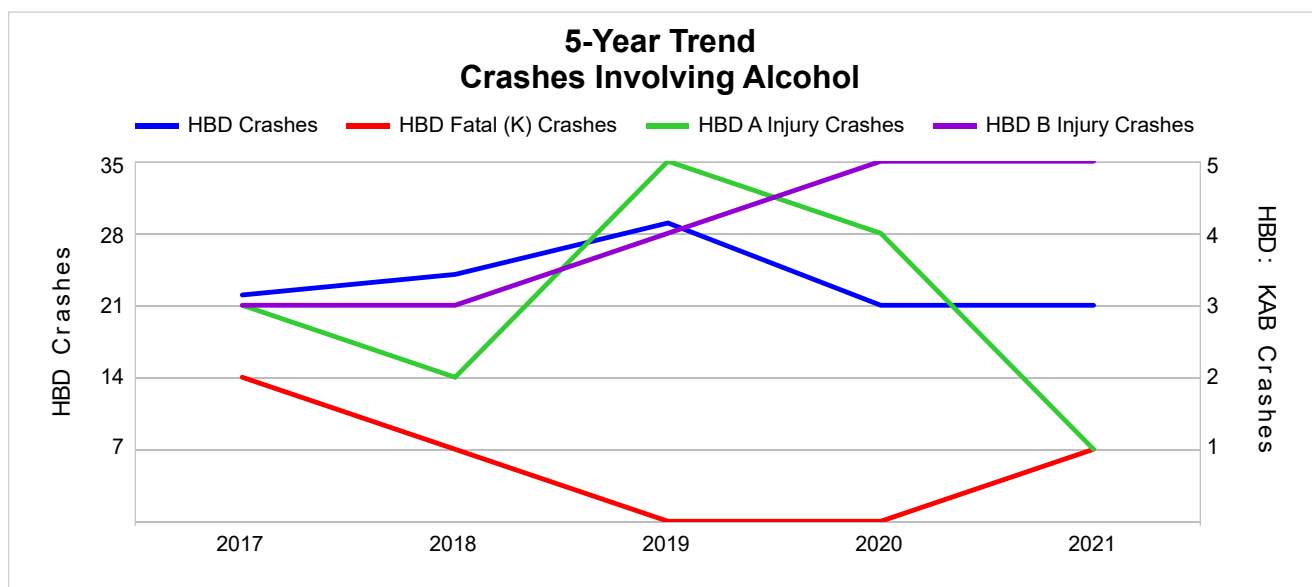
A driver may be coded by the officer as drinking even though no test is administered.

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
2017	957	22	2.3	4	2	50.0	9	3	33.3	34	3	8.8
2018	851	24	2.8	2	1	50.0	13	2	15.4	24	3	12.5
2019	899	29	3.2	1	0	0.0	16	5	31.3	24	4	16.7
2020	771	21	2.7	3	0	0.0	18	4	22.2	31	5	16.1
2021	873	21	2.4	6 **	1	16.7	13	1 *	7.7 *	30	5	16.7

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.



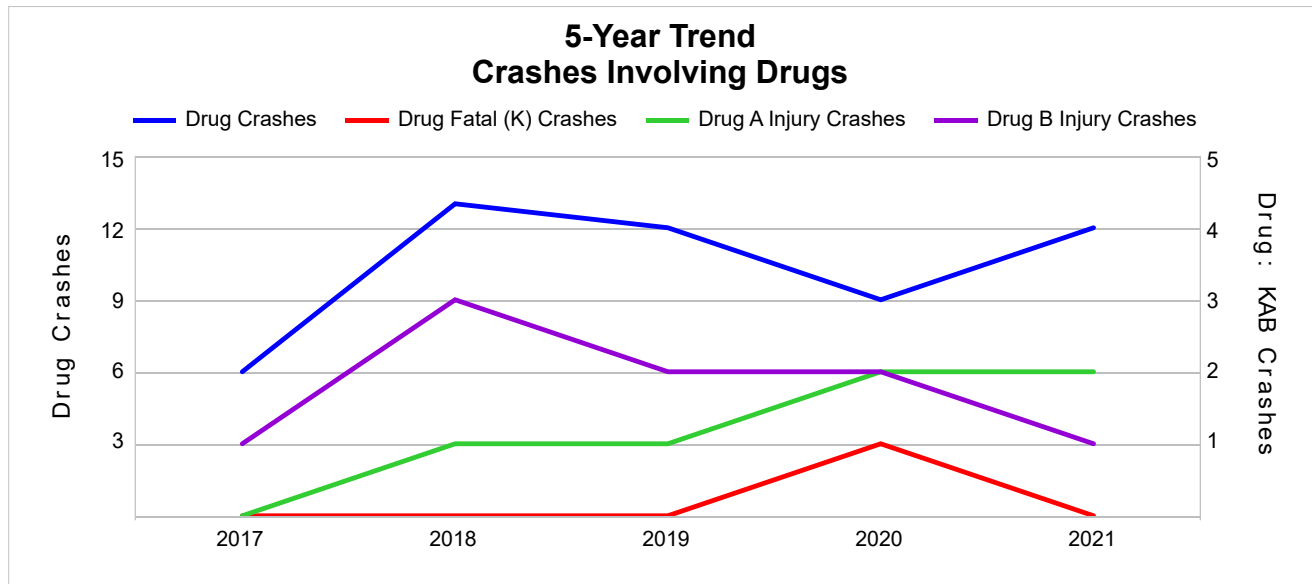
Note: Had-Been-Drinking (HBD)

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
2017	957	6	0.6	4	0	0.0	9	0	0.0	34	1	2.9
2018	851	13	1.5	2	0	0.0	13	1	7.7	24	3	12.5
2019	899	12	1.3	1	0	0.0	16	1	6.3	24	2	8.3
2020	771	9	1.2	3	1	33.3	18	2	11.1	31	2	6.5
2021	873	12	1.4	6 **	0	0.0	13	2	15.4 **	30	1	3.3

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.

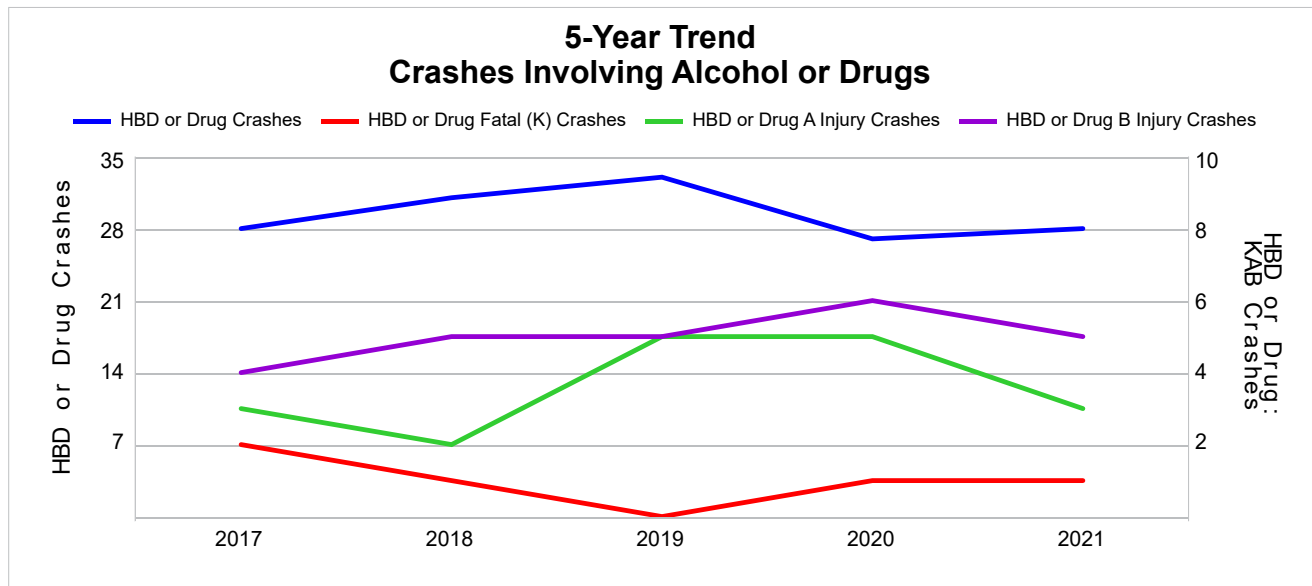


5-Year Trend - Crashes Involving Alcohol or Drugs

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
2017	957	28	2.9	4	2	50.0	9	3	33.3	34	4	11.8
2018	851	31	3.6	2	1	50.0	13	2	15.4	24	5	20.8
2019	899	33	3.7	1	0	0.0	16	5	31.3	24	5	20.8
2020	771	27	3.5	3	1	33.3	18	5	27.8	31	6	19.4
2021	873	28	3.2	6 **	1	16.7	13	3	23.1	30	5	16.7

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)

2021 - 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	875	785	89.7	5	4	80.0	6	3	50.0	32	26	81.3	60	56	93.3	736	696	94.6
Motor Home	1	1	100.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	1	1	100.0
Pickup Truck	297	268	90.2	1	0	0.0	1	0	0.0	4	3	75.0	11	10	90.9	267	255	95.5
Small Truck Under 10,000 lbs. GVWR	5	5	100.0	0	0	0.0	0	0	0.0	1	1	100.0	0	0	0.0	4	4	100.0
Motorcycle	7	4	57.1	0	0	0.0	2	0	0.0	3	2	66.7	1	1	100.0	1	1	100.0
Moped/Goped	4	4	100.0	0	0	0.0	1	1	100.0	1	1	100.0	0	0	0.0	2	2	100.0
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)	8	4	50.0	1	0	0.0	2	1	50.0	1	0	0.0	1	1	100.0	3	2	66.7
Other (non-registered farm equipment, construction equipment, snow plows, etc.)	5	1	20.0	0	0	0.0	0	0	0.0	2	0	0.0	0	0	0.0	2	1	50.0
Truck/Bus (over 10,000 lbs. GVWR/8+ occupants/hazmat placard)	28	26	92.9	0	0	0.0	0	0	0.0	0	0	0.0	2	1	50.0	26	25	96.2
Uncoded & Errors	13	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0
Total	1,243	1,098	88.3	7	4	57.1	12	5	41.7	44	33	75.0	75	69	92.0	1,042	987	94.7

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.

2021 - 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	18	15	83.3	0	0	0.0	1	1	100.0	6	4	66.7	7	7	100.0	4	3	75.0
16 - 20	122	115	94.3	0	0	0.0	1	0	0.0	2	1	50.0	8	8	100.0	111	106	95.5
21 - 24	80	78	97.5	0	0	0.0	2	2	100.0	6	6	100.0	8	7	87.5	64	63	98.4
25 - 64	749	686	91.6	6	4	66.7	7	1	14.3	22	15	68.2	36	32	88.9	673	634	94.2
65 +	215	204	94.9	1	0	0.0	1	1	100.0	8	7	87.5	16	15	93.8	189	181	95.8
Unknown	59	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	1	0	0.0
Total	1,243	1,098	88.3	7	4	57.1	12	5	41.7	44	33	75.0	75	69	92.0	1,042	987	94.7

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	2017			2018			2019			2020			2021		
	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	4	3	1	0	5	0	0	1	0	0	3	0	1
Shoulder Belt Only Used	3	0	0	9	0	2	4	0	0	6	0	1	7	0	1
Lap Belt Only Used	0	0	0	2	0	1	0	0	0	2	0	1	2	0	2
Both Lap & Shoulder Belt Used	1,174	1	102	1,034	1	98	1,127	1	97	909	1	75	1,052	3	72
No Belts Used	4	2	0	9	1	4	6	0	1	17	2	5	7	1	3
Child Restraint Used - Forward Facing	2	0	1	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
Child Restraint Used - Rear Facing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Child Restraint Used - Booster Seat	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Restraint Failure	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Restraint Use Unknown	34	0	3	52	0	3	88	0	1	91	0	10	101	1	11
Helmet Worn	4	0	2	4	0	4	2	0	2	9	0	8	8	0	4
Helmet Not Worn	7	1	5	1	0	1	8	0	6	3	0	3	3	1	2
Helmet Use Unknown	1	0	0	1	0	0	2	0	1	1	0	0	0	0	0
Uncoded & Errors	33	0	0	10	0	0	21	0	0	13	0	0	24	0	0
Total	1,271	4	117	1,125	3	113	1,264	1	108	1,052	3	103	1,207	6	96

5-Year Trend - Restraint Use Among Drivers Coded Drinking

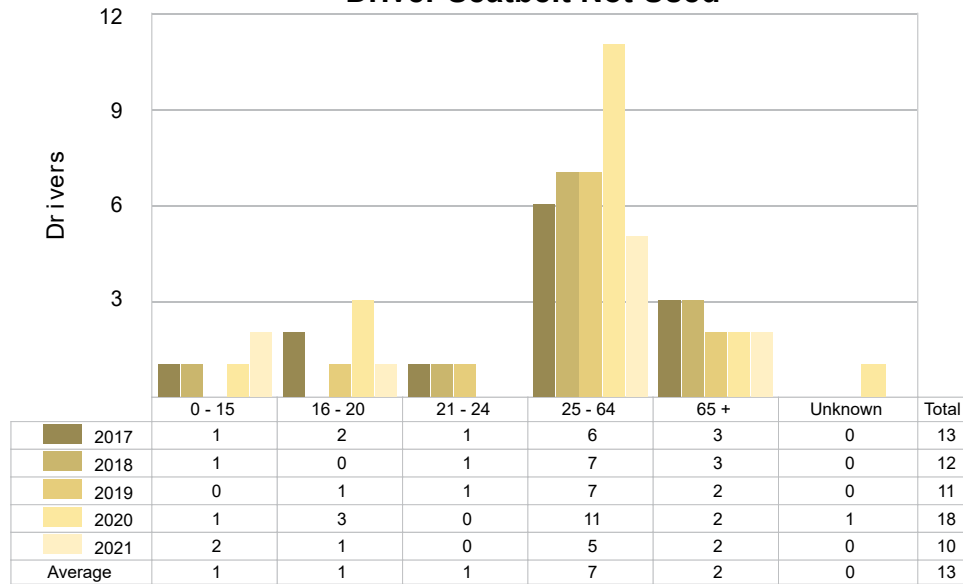
Restraint Use	2017			2018			2019			2020			2021		
	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers
No Belts Available	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Shoulder Belt Only Used	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Lap Belt Only Used	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Both Lap & Shoulder Belt Used	11	0	4	17	0	4	19	0	5	11	0	5	12	0	3
No Belts Used	2	1	0	3	0	2	1	0	1	2	0	0	1	0	1
Child Restraint Used - Forward Facing	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
Child Restraint Used - Rear Facing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Child Restraint Used - Booster Seat	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	4	0	0	4	0	0	5	0	0	8	0	5	6	0	3
Helmet Worn	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Helmet Not Worn	3	1	2	0	0	0	5	0	4	0	0	0	1	1	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	22	2	8	24	0	6	30	0	10	21	0	10	21	1	7

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

Age Group	2017			2018			2019			2020			2021		
	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	1	0	0	0	1	0	0	2	0	1
16 - 20	2	0	0	0	0	0	1	0	0	3	0	2	1	0	0
21 - 24	1	0	1	1	0	0	1	0	0	0	0	0	0	0	0
25 - 64	6	2	2	7	1	2	7	0	1	11	1	2	5	1	3
65 +	3	0	0	3	1	1	2	0	0	2	1	1	2	0	0
Unknown	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Total	13	2	4	12	2	4	11	0	1	18	2	5	10	1	4

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

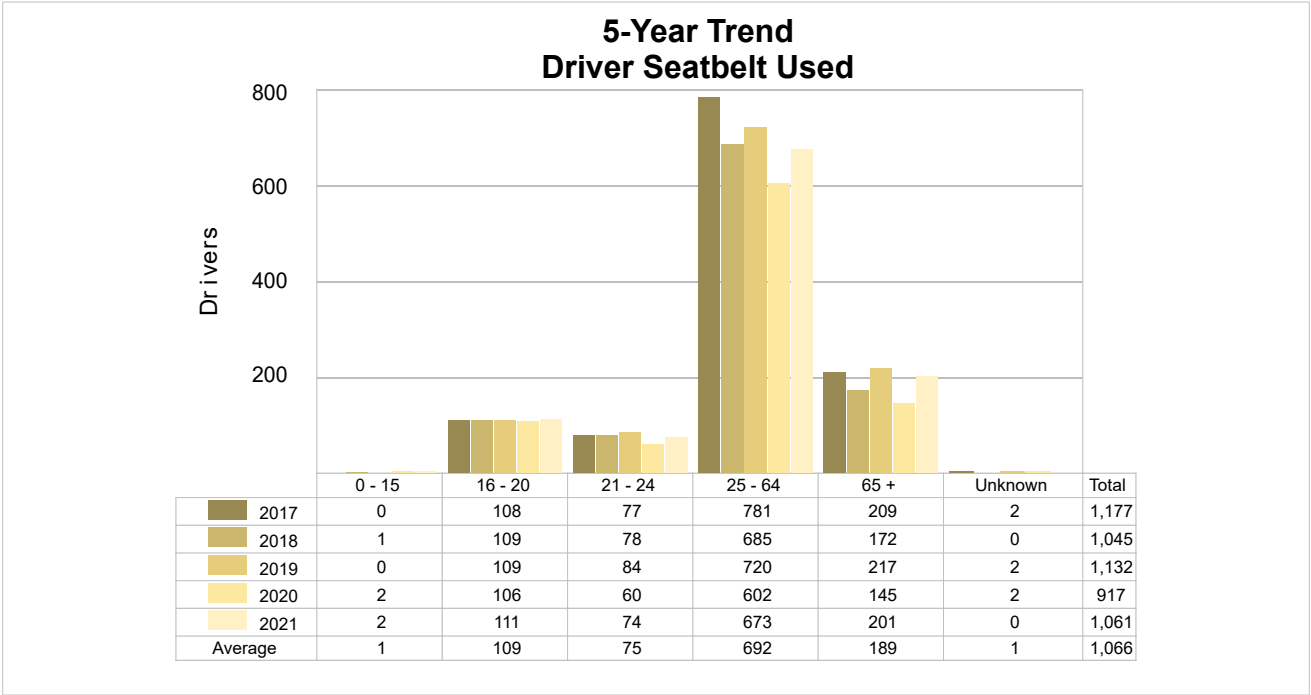
5-Year Trend Driver Seatbelt Not Used



5-Year Trend - Seatbelt Used Among Drivers by Age

Age Group	2017			2018			2019			2020			2021		
	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	2	0	2	2	0	1
16 - 20	108	1	13	109	0	11	109	0	11	106	0	11	111	0	6
21 - 24	77	0	10	78	1	8	84	0	9	60	0	7	74	0	11
25 - 64	781	0	59	685	0	69	720	1	54	602	1	49	673	3	37
65 +	209	0	20	172	0	13	217	0	23	145	0	8	201	0	20
Unknown	2	0	0	0	0	0	2	0	0	2	0	0	0	0	0
Total	1,177	1	102	1,045	1	101	1,132	1	97	917	1	77	1,061	3	75

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	2017		2018		2019		2020		2021	
	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	816	2	760	3	835	0	670	2	764	3
Speed Too Fast	77	2	55	0	71	0	72	2	74	1
Speed Too Slow	0	0	0	0	0	0	0	0	1	0
Failed to Yield	97	0	91	0	131	1	97	0	103	2
Disregard Traffic Control	18	0	25	0	21	0	18	0	27	1
Drove Wrong Way	1	0	3	0	2	0	0	0	3	0
Drove Left of Center	1	0	8	1	3	0	6	0	2	0
Improper Passing	2	0	3	0	5	0	3	0	6	0
Improper Lane Use	13	0	12	0	10	0	9	0	14	0
Improper Turn	5	0	11	0	7	0	6	0	11	0
Improper/No Signal	1	0	0	0	0	0	0	0	0	0
Improper Backing	20	0	4	0	20	0	18	0	24	0
Unable to Stop in Assured Clear Distance	86	0	61	0	61	0	47	0	67	0
Other	33	0	28	0	37	0	34	0	40	0
Unknown	45	1	25	1	23	1	51	2	36	2
Reckless Driving	0	0	2	0	2	0	5	0	2	0
Careless/Negligent Driving	23	0	26	0	25	0	15	0	29	0
Uncoded & Errors	33	0	11	0	11	0	1	0	4	1
Total	1,271	5	1,125	5	1,264	2	1,052	6	1,207	10

Office of Highway Safety Planning

Physical Address:
7150 Harris Drive
Dimondale, Michigan 48821

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

Find us on the web:
MichiganTrafficCrashFacts.org
mtcf-info@umich.edu

