

# MICHIGAN STATE POLICE CRIMINAL JUSTICE INFORMATION CENTER



## 2020/2021 TRAFFIC CRASH DATA COMPARISON

### GENERAL DATA

	2020	2021	Difference (+/-)	Percentage Change
Total Crashes	245,432	282,640	37,208	15%
Fatal Crashes	1,010	1,068	58	6%
Total Fatalities	1,083	1,131	48	4%
Injury Crashes	44,417	51,666	7,249	16%
Total Injuries	60,986	71,246	10,260	17%
Total Suspected Serious (A) Injuries	5,433	5,979	546	10%
Total Suspected Minor (B) Injuries	17,179	20,593	3,414	20%
Total Possible (C) Injuries	38,374	44,674	6,300	16%
Property Damage Crashes	200,005	229,906	29,901	15%

### ALCOHOL INVOLVED

*Unit Type = MV, P, B and E	2020	2021	Difference (+/-)	Percentage Change
Alcohol Involved Crashes	9,078	9,557	479	5%
Alcohol Involved Fatal Crashes	303	336	33	11%
Alcohol Involved Fatalities	326	357	31	10%

### DRUG INVOLVED

*Unit Type = MV, P, B and E	2020	2021	Difference (+/-)	Percentage Change
Drug Involved Crashes	3,040	2,999	-41	-1%
Drug Involved Fatal Crashes	250	259	9	4%
Drug Involved Fatalities	267	275	8	3%

### TEENS (13-19)

*This stat represents ANY teen (13-19) that was involved in the crash (MV, P, B, E, Psgr)	2020	2021	Difference (+/-)	Percentage Change
Teen Fatalities (13-19)	60	83	23	38%

### YOUNG DRIVERS (16-20)

*Unit Type = MV Only	2020	2021	Difference (+/-)	Percentage Change
Young Driver Involved Crashes (16-20)	38,952	47,272	8,320	21%
Young Driver Involved Fatal Crashes (16-20)	122	157	35	29%
Young Driver Involved Fatalities	132	168	36	27%

<b>BICYCLE</b>				
	<b>2020</b>	<b>2021</b>	<b>Difference (+/-)</b>	<b>Percentage Change</b>
Bicycle Involved Crashes	1,224	1,248	24	<b>2%</b>
Total Bicyclists	1,235	1,260	25	<b>2%</b>
Bicycle Involved Fatal Crashes	37	29	-8	-22%
Bicyclist Fatalities	38	29	-9	-24%

<b>MOTORCYCLE</b>				
	<b>2020</b>	<b>2021</b>	<b>Difference (+/-)</b>	<b>Percentage Change</b>
Motorcycle Involved Crashes	2,988	3,175	187	<b>6%</b>
Total Motorcyclists	3,375	3,571	196	<b>6%</b>
Motorcycle Involved Fatal Crashes	150	166	16	<b>11%</b>
Motorcyclist Fatalities	152	166	14	<b>9%</b>

<b>ORV</b>				
	<b>2020</b>	<b>2021</b>	<b>Difference (+/-)</b>	<b>Percentage Change</b>
ORV Involved Crashes	442	436	-6	-1%
Total ORV Persons	620	578	-42	-7%
ORV Involved Fatal Crashes	15	21	6	<b>40%</b>
ORV Fatalities	15	21	6	<b>40%</b>

<b>PEDESTRIAN</b>				
	<b>2020</b>	<b>2021</b>	<b>Difference (+/-)</b>	<b>Percentage Change</b>
Pedestrian Involved Crashes	1,682	1,790	108	<b>6%</b>
Total Pedestrians	1,784	1,891	107	<b>6%</b>
Pedestrian Involved Fatal Crashes	173	182	9	<b>5%</b>
Pedestrian Fatalities	175	183	8	<b>5%</b>

<b>SNOWMOBILE</b>				
	<b>2020</b>	<b>2021</b>	<b>Difference (+/-)</b>	<b>Percentage Change</b>
Snowmobile Involved Crashes	89	97	8	<b>9%</b>
Total Snowmobilitists	101	109	8	<b>8%</b>
Snowmobile Involved Fatal Crashes	2	5	3	<b>150%</b>
Snowmobile Fatalities	2	5	3	<b>150%</b>

<b>CONSTRUCTION ZONE</b>				
	<b>2020</b>	<b>2021</b>	<b>Difference (+/-)</b>	<b>Percentage Change</b>
Construction Zone Involved Crashes	4,035	5,814	1,779	<b>44%</b>
Construction Zone Involved Fatal Crashes	11	19	8	<b>73%</b>
Construction Zone Involved Fatalities	14	20	6	<b>43%</b>

<b>DEER</b>				
	<b>2020</b>	<b>2021</b>	<b>Difference (+/-)</b>	<b>Percentage Change</b>
Deer Involved Crashes	51,103	52,218	1,115	<b>2%</b>
Deer Involved Fatal Crashes	5	10	5	<b>100%</b>
Deer Involved Fatalities	5	10	5	<b>100%</b>

<b>SCHOOL BUS</b>				
	<b>2020</b>	<b>2021</b>	<b>Difference (+/-)</b>	<b>Percentage Change</b>
School Bus Involved Crashes	461	785	324	<b>70%</b>
School Bus Involved Fatal Crashes	0	4	4	<b>400%</b>
School Bus Involved Fatalities	0	4	4	<b>400%</b>

*\*Many Michigan schools were held virtually in 2020 due to the COVID-19 Pandemic.*

<b>TRAIN</b>				
	<b>2020</b>	<b>2021</b>	<b>Difference (+/-)</b>	<b>Percentage Change</b>
Train Involved Crashes	35	56	21	<b>60%</b>
Train Involved Fatal Crashes	0	3	3	<b>300%</b>
Train Involved Fatalities	0	3	3	<b>300%</b>

*\*There were 2 Q-LINE (Streetcar) crashes in 2020.*

*\*There were 4 Q-LINE (Streetcar) crashes in 2021.*

<b>TRUCK/BUS (Commercial Motor Vehicle-CMV)</b>				
	<b>2020</b>	<b>2021</b>	<b>Difference (+/-)</b>	<b>Percentage Change</b>
CMV Involved Crashes	11,344	14,293	2,949	<b>26%</b>
CMV Involved Fatal Crashes	77	93	16	<b>21%</b>
CMV Involved Fatalities	78	103	25	<b>32%</b>

<b>CELL PHONE</b>				
	<b>2020</b>	<b>2021</b>	<b>Difference (+/-)</b>	<b>Percentage Change</b>
Cell Phone Involved Crashes	2,414	2,784	370	<b>15%</b>
Cell Phone Involved Fatal Crashes	17	23	6	<b>35%</b>
Cell Phone Involved Fatalities	20	23	3	<b>15%</b>
Cell Phone Involved Injury Crashes	683	811	128	<b>19%</b>
Cell Phone Involved Injuries	935	1,139	204	<b>22%</b>

*\*Party types: Driver (D), Pedestrian (P), Bicyclist (B) and Engineer (E) are included in cell phone use statistics.*

<b>DISTRACTED DRIVING</b>				
	<b>2020</b>	<b>2021</b>	<b>Difference (+/-)</b>	<b>Percentage Change</b>
Distracted Involved Crashes	14,326	16,543	2,217	<b>15%</b>
Distracted Involved Fatal Crashes	48	59	11	<b>23%</b>
Distracted Involved Fatalities	52	59	7	<b>13%</b>
Distracted Involved Injury Crashes	3,913	4,430	517	<b>13%</b>
Distracted Involved Injuries	5,560	6,322	762	<b>14%</b>

\*Pursuant to MMUCC Definition (P16), Driver Distracted only pertains to the Driver party type.

\*\*Party type: Driver (D) is included in Distracted Driving statistics.

<b>MSP POLICED</b>				
	<b>2020</b>	<b>2021</b>	<b>Difference (+/-)</b>	<b>Percentage Change</b>
MSP Policed Crashes	40,620	44,595	3,975	<b>10%</b>
MSP Policed Fatal Crashes	228	189	-39	-17%
MSP Policed Injury Crashes	6,949	7,952	1,003	<b>14%</b>
% MSP Policed of Total Crashes	16.55%	15.78%	-0.77%	-5%

**GTSAC EMPHASIS AREAS CAPTURED**  
**Elderly Drivers, Young Drivers, Children, Lane Departure, and Intersections**

<b>ELDERLY DRIVER INVOLVED CRASHES</b>				
<b>Age</b>	<b>2020</b>	<b>2021</b>	<b>Difference (+/-)</b>	<b>Percentage Change</b>
60-64	19,930	23,103	3,173	<b>16%</b>
65-74	25,107	30,866	5,759	<b>23%</b>
75-84	10,611	13,314	2,703	<b>25%</b>
85+	2,457	3,102	645	<b>26%</b>
<b>TOTAL CRASHES</b>	<b>58,105</b>	<b>70,385</b>	<b>12,280</b>	<b>21%</b>

<b>YOUNG DRIVER INVOLVED CRASHES</b>				
<b>Age</b>	<b>2020</b>	<b>2021</b>	<b>Difference (+/-)</b>	<b>Percentage Change</b>
15	566	583	17	<b>3%</b>
16	4,931	6,334	1,403	<b>28%</b>
17	6,825	8,662	1,837	<b>27%</b>
18-20	27,143	32,204	5,061	<b>19%</b>
21-24	32,889	37,944	5,055	<b>15%</b>
<b>TOTAL CRASHES</b>	<b>72,354</b>	<b>85,727</b>	<b>13,373</b>	<b>18%</b>

**CHILDREN (AGE 0-15, ALL PARTY TYPES INCLUDED) INVOLVED CRASHES**

Age	2020	2021	Difference (+/-)	Percentage Change
0-3	5,003	7,274	2,271	45%
4-8	5,450	8,571	3,121	57%
9-15	8,324	13,508	5,184	62%
<b>TOTAL CRASHES</b>	<b>18,777</b>	<b>29,353</b>	<b>10,576</b>	<b>56%</b>

**LANE DEPARTURE CRASHES**

	2020	2021	Difference (+/-)	Percentage Change
Single Vehicle	34,755	38,874	4,119	12%
Multiple Vehicle-Opposite Direction	5,337	5,837	500	9%
Parked Vehicle	3,544	4,091	547	15%
<b>TOTAL CRASHES</b>	<b>43,636</b>	<b>48,802</b>	<b>5,166</b>	<b>12%</b>

**INTERSECTION CRASHES**

	2020	2021	Difference (+/-)	Percentage Change
Fatal Crashes	315	334	19	6%
Injury Crashes	18,873	21,527	2,654	14%
Property Damage Crashes	55,876	65,257	9,381	17%
<b>TOTAL CRASHES</b>	<b>75,064</b>	<b>87,118</b>	<b>12,054</b>	<b>16%</b>

**Totals by Party Type, Gender and Vehicle Type****PARTY TYPE**

	2020	2021	Difference (+/-)	Percentage Change
Drivers (D)	404,286	476,129	71,843	18%
Injured Passengers (I)	14,587	16,503	1,916	13%
Uninjured Passengers (U)	58,473	68,691	10,218	17%
Pedestrians (P)	1,784	1,891	107	6%
Bicyclists (B)	1,235	1,260	25	2%
Engineers (E)	35	56	21	60%
<b>TOTAL</b>	<b>480,400</b>	<b>564,530</b>	<b>84,130</b>	<b>18%</b>

<b>GENDER</b>				
	<b>2020</b>	<b>2021</b>	<b>Difference (+/-)</b>	<b>Percentage Change</b>
Male (M)	244,898	284,999	40,101	<b>16%</b>
Female (F)	195,048	233,875	38,827	<b>20%</b>
Unknown (U)	40,454	45,656	5,202	<b>13%</b>

<b>VEHICLE TYPE</b>				
	<b>2020</b>	<b>2021</b>	<b>Difference (+/-)</b>	<b>Percentage Change</b>
Passenger Car, SUV, Van	323,048	381,041	57,993	<b>18%</b>
Motor Home	937	1,044	107	<b>11%</b>
Pickup Truck	49,439	57,120	7,681	<b>16%</b>
Small Truck - Under 10,000	1,734	2,090	356	<b>21%</b>
Motorcycle	3,092	3,271	179	<b>6%</b>
Mo-ped/Go-ped	461	482	21	<b>5%</b>
Go-Cart/Golf Cart	52	41	-11	-21%
Snowmobile	99	102	3	<b>3%</b>
Off Road Vehicle (ATV Type)	459	452	-7	-2%
Truck/Bus	11,867	14,972	3,105	<b>26%</b>
Other	1,555	1,650	95	<b>6%</b>
Not Reported	14,597	17,071	2,474	<b>17%</b>
<b>TOTAL</b>	<b>407,340</b>	<b>479,336</b>	<b>71,996</b>	<b>18%</b>