

## MICHIGAN ORV/ATV CRASHES ON PUBLIC ROADWAYS - MOST HARMFUL EVENT

NONCOLLISION	ORV/ATV		FATAL CRASH	INJURY CRASH			PROPERTY DAMAGE ONLY
	Number of ORV/ATVs	% of Total		A	B	C	
Loss of Control	28	6.2	0	9	11	5	3
Ran Off Roadway Left	5	1.1	0	0	3	1	1
Ran Off Roadway Right	6	1.3	0	1	2	2	1
Re-Enter Roadway	2	0.4	0	0	1	0	1
Overturn	77	17.0	4	30	24	10	9
Separation of Units	2	0.4	0	2	0	0	0
Fire/Explosion	2	0.4	0	0	0	0	2
Immersion	0	0.0	0	0	0	0	0
Jackknife	0	0.0	0	0	0	0	0
Downhill Runaway	0	0.0	0	0	0	0	0
Cargo Loss/Shift	0	0.0	0	0	0	0	0
Individual Fell from Vehicle	37	8.2	2	18	12	5	0
Other Noncollision	3	0.7	0	1	1	0	1
Equipment Failure (blown tire, brake failure, etc.)	3	0.7	0	2	1	0	0
Cross Centerline	3	0.7	0	1	0	1	1
Cross Median	1	0.2	0	0	0	0	1
<b>SUBTOTAL</b>	<b>169</b>	<b>37.4</b>	<b>6</b>	<b>64</b>	<b>55</b>	<b>24</b>	<b>20</b>

COLLISION WITH A NONFIXED OBJECT	ORV/ATV		FATAL CRASH	INJURY CRASH			PROPERTY DAMAGE ONLY
	Number of ORV/ATVs	% of Total		A	B	C	
Pedestrian	6	1.3	0	3	2	1	0
Bicyclist	1	0.2	0	0	0	1	0
Motor Vehicle in Transport (in motion or on roadway)	181	40.0	9	31	32	27	82
Parked Motor Vehicle	22	4.9	2	2	3	0	15
Railroad Train	0	0.0	0	0	0	0	0
Animal	11	2.4	0	1	2	3	5
Other Nonfixed Object	2	0.4	0	0	0	0	2
Work Zone/Maintenance Equipment	0	0.0	0	0	0	0	0
Cargo Falling/Shifting/Anything Set in Motion by a Motor Vehicle	0	0.0	0	0	0	0	0
<b>SUBTOTAL</b>	<b>223</b>	<b>49.3</b>	<b>11</b>	<b>37</b>	<b>39</b>	<b>32</b>	<b>104</b>

## MICHIGAN ORV/ATV CRASHES ON PUBLIC ROADWAYS - MOST HARMFUL EVENT (CONTINUED)

COLLISION WITH A FIXED OBJECT	ORV/ATV		FATAL CRASH	INJURY CRASH			PROPERTY DAMAGE ONLY
	Number of ORV/ ATVs	% of Total		A	B	C	
Bridge Pier/Abutment/Support	0	0.0	0	0	0	0	0
Bridge Rail	0	0.0	0	0	0	0	0
Guardrail Face	0	0.0	0	0	0	0	0
Guardrail End	0	0.0	0	0	0	0	0
Other Post/Pole/Support	0	0.0	0	0	0	0	0
Culvert	1	0.2	0	1	0	0	0
Curb	3	0.7	0	0	3	0	0
Ditch	13	2.9	0	6	6	1	0
Embankment	5	1.1	1	1	3	0	0
Fence	0	0.0	0	0	0	0	0
Mailbox	2	0.4	0	0	0	0	2
Tree	25	5.5	2	12	3	6	2
Railroad Crossing Signal	0	0.0	0	0	0	0	0
Building	1	0.2	0	1	0	0	0
Traffic Island	0	0.0	0	0	0	0	0
Fire Hydrant	0	0.0	0	0	0	0	0
Impact Attenuator (crash cushion)	1	0.2	0	0	0	1	0
Other Fixed Object	5	1.1	0	1	2	0	2
Bridge Overhead Structure	0	0.0	0	0	0	0	0
Cable Barrier	0	0.0	0	0	0	0	0
Concrete Barrier	1	0.2	1	0	0	0	0
Traffic Sign/Post	1	0.2	0	1	0	0	0
Traffic Signal Equipment	0	0.0	0	0	0	0	0
Utility Pole/Light Support	2	0.4	0	0	0	0	2
<b>SUBTOTAL</b>	<b>60</b>	<b>13.3</b>	<b>4</b>	<b>23</b>	<b>17</b>	<b>8</b>	<b>8</b>

	ORV/ATV		FATAL CRASH	INJURY CRASH			PROPERTY DAMAGE ONLY
	Number of ORV/ ATVs	% of Total		A	B	C	
Uncoded & Errors	0	0.0	0	0	0	0	0
No Event Coded as Most Harmful	0	0.0	0	0	0	0	0
<b>MOST HARMFUL EVENT TOTAL</b>	<b>452</b>	<b>100.0</b>	<b>21</b>	<b>124</b>	<b>111</b>	<b>64</b>	<b>132</b>

*Note: These crashes involve a motor vehicle in transport on a public trafficway and result in injury, death, or at least \$1,000 in property damage.*

A total of 452 off-road/all-terrain vehicles were reported in crashes on Michigan public roadways during 2021, resulting in 21 fatal crashes. An additional 299 ORV/ATVs were involved in 287 injury crashes.