



UPPER PENINSULA ORV/ATV CRASHES ON PUBLIC ROADWAYS



Most Harmful Event

| NONCOLLISION | ORV/ATV | | MOST SEVERE OUTCOME IN CRASH | | | | PDO |
|------------------------------|--------------------|-------------|------------------------------|-----------|----------|----------|----------|
| | Number of ORV/ATVs | % of Total | Fatal | Injury | | | |
| | | | | A | B | C | |
| Loss of control | 1 | 1.7 | 0 | 0 | 0 | 0 | 1 |
| Cross center/median | 0 | 0.0 | 0 | 0 | 0 | 0 | 0 |
| Ran off road left | 0 | 0.0 | 0 | 0 | 0 | 0 | 0 |
| Ran off road right | 2 | 3.3 | 0 | 1 | 1 | 0 | 0 |
| Re-enter road | 0 | 0.0 | 0 | 0 | 0 | 0 | 0 |
| Overturn | 8 | 13.3 | 0 | 3 | 2 | 3 | 0 |
| Separation of units | 0 | 0.0 | 0 | 0 | 0 | 0 | 0 |
| Fire/explosion | 0 | 0.0 | 0 | 0 | 0 | 0 | 0 |
| 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 off | 14 | 23.3 | 1 | 6 | 5 | 2 | 0 |
| Other noncollision | 2 | 3.3 | 0 | 2 | 0 | 0 | 0 |
| NONCOLLISION Subtotal | 27 | 45.0 | 1 | 12 | 8 | 5 | 1 |

| HAD A COLLISION WITH NONFIXED OBJECT | ORV/ATV | | MOST SEVERE OUTCOME IN CRASH | | | | PDO |
|---|--------------------|-------------|------------------------------|----------|----------|----------|----------|
| | Number of ORV/ATVs | % of Total | Fatal | Injury | | | |
| | | | | A | B | C | |
| Pedestrian | 0 | 0.0 | 0 | 0 | 0 | 0 | 0 |
| Bicycle / pedalcycle | 0 | 0.0 | 0 | 0 | 0 | 0 | 0 |
| Motor vehicle in transport | 19 | 31.7 | 0 | 8 | 2 | 4 | 5 |
| Parked motor vehicle | 0 | 0.0 | 0 | 0 | 0 | 0 | 0 |
| Railway train | 0 | 0.0 | 0 | 0 | 0 | 0 | 0 |
| Animal | 0 | 0.0 | 0 | 0 | 0 | 0 | 0 |
| Other nonfixed objects | 0 | 0.0 | 0 | 0 | 0 | 0 | 0 |
| COLLISION NONFIXED Subtotal | 19 | 31.7 | 0 | 8 | 2 | 4 | 5 |



MICHIGAN ORV/ATV CRASHES ON PUBLIC ROADWAYS (continued)

Most Harmful Event

| HAD A COLLISION WITH FIXED OBJECT | ORV/ATV | | MOST SEVERE OUTCOME IN CRASH | | | | |
|--------------------------------------|-----------------------|---------------|------------------------------|-----------|-----------|-----------|----------|
| | Number of ORV/ATVs | % of Total | Fatal | Injury | | | PDO |
| | | | | A | B | C | |
| Bridge/pier/abutment | 0 | 0.0 | 0 | 0 | 0 | 0 | 0 |
| Bridge parapet end | 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 |
| Median barrier | 0 | 0.0 | 0 | 0 | 0 | 0 | 0 |
| Highway traffic sign post | 0 | 0.0 | 0 | 0 | 0 | 0 | 0 |
| Highway signal post | 0 | 0.0 | 0 | 0 | 0 | 0 | 0 |
| Luminaire/light support | 0 | 0.0 | 0 | 0 | 0 | 0 | 0 |
| Utility pole | 0 | 0.0 | 0 | 0 | 0 | 0 | 0 |
| Other pole | 0 | 0.0 | 0 | 0 | 0 | 0 | 0 |
| Culvert | 0 | 0.0 | 0 | 0 | 0 | 0 | 0 |
| Curb | 0 | 0.0 | 0 | 0 | 0 | 0 | 0 |
| Ditch | 2 | 3.3 | 0 | 1 | 1 | 0 | 0 |
| Embankment | 1 | 1.7 | 0 | 0 | 0 | 1 | 0 |
| Fence | 1 | 1.7 | 0 | 1 | 0 | 0 | 0 |
| Mailbox | 1 | 1.7 | 0 | 0 | 1 | 0 | 0 |
| Tree | 7 | 11.7 | 2 | 2 | 2 | 1 | 0 |
| Rail crossing signal | 0 | 0.0 | 0 | 0 | 0 | 0 | 0 |
| Building | 0 | 0.0 | 0 | 0 | 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 | 0 | 0.0 | 0 | 0 | 0 | 0 | 0 |
| Other fixed object | 1 | 1.7 | 0 | 1 | 0 | 0 | 0 |
| COLLISION FIXED Subtotal | 13 | 21.7 | 2 | 5 | 4 | 2 | 0 |
| Unknown Event | 1 | 1.7 | 0 | 1 | 0 | 0 | 0 |
| TOTAL MOST HARMFUL EVENT | 60 | 100.0 | 3 | 26 | 14 | 11 | 6 |

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 60 off-road/all-terrain vehicles were reported in crashes on Upper Peninsula public roadways during 2009. Three of these ORV/ATVs were involved in separate fatal crashes with two ORV/ATV operators and one passenger killed. Alcohol was involved in two of the fatal crashes and one of those fatal crashes also involved drugs.