

UPPER PENINSULA AGE AND INJURY SEVERITY BY PERSON TYPE

AGE	DRIVER			INJURED PASSENGER			MOTORCYCLIST			BICYCLIST			PEDESTRIAN		
	Total	Killed	Injured	Total	Killed	Injured	Total	Killed	Injured	Total	Killed	Injured	Total	Killed	Injured
0	0	0	0	3	0	3	1	0	1	0	0	0	0	0	0
1	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0
2	0	0	0	3	0	3	0	0	0	0	0	0	0	0	0
3	1	0	0	4	0	4	0	0	0	0	0	0	0	0	0
4	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0
5	0	0	0	5	0	5	0	0	0	0	0	0	0	0	0
6	0	0	0	4	0	4	0	0	0	0	0	0	0	0	0
7	0	0	0	6	0	6	0	0	0	1	0	1	0	0	0
8	1	0	1	4	0	4	1	0	1	0	0	0	0	0	0
9	0	0	0	8	0	8	0	0	0	1	0	0	0	0	0
10	1	0	1	5	0	5	0	0	0	0	0	0	0	0	0
11	1	0	0	5	0	5	0	0	0	1	1	0	0	0	0
12	1	0	1	3	0	3	0	0	0	0	0	0	0	0	0
13	7	0	6	2	0	2	0	0	0	2	0	2	0	0	0
14	6	0	1	4	0	4	0	0	0	0	0	0	2	0	2
15	19	0	5	10	0	10	2	0	2	1	0	0	0	0	0
16	162	0	17	15	0	15	0	0	0	1	0	0	0	0	0
17	200	0	20	10	0	10	2	0	2	1	0	1	1	0	1
18	235	0	28	9	0	9	0	0	0	1	0	1	1	0	1
19	268	0	28	7	0	7	1	0	1	0	0	0	1	0	1
20	219	0	18	2	0	2	0	0	0	1	0	1	3	0	3
21	252	0	33	10	0	10	2	0	2	0	0	0	2	0	1
22	202	0	29	8	1	7	1	0	1	0	0	0	1	0	1
23	215	0	26	9	0	9	3	0	3	0	0	0	1	0	1
24	191	0	27	5	0	5	3	0	1	1	0	1	2	0	2
25	192	0	20	12	1	11	3	0	3	0	0	0	1	0	1
26	153	0	15	2	0	2	2	0	2	0	0	0	1	0	1
27	171	1	21	8	0	8	1	0	1	1	0	1	0	0	0
28	183	0	22	10	0	10	3	0	3	0	0	0	0	0	0
29	174	1	10	2	0	2	2	0	2	0	0	0	0	0	0
30	176	0	21	3	0	3	4	0	2	0	0	0	0	0	0
31	190	1	16	5	0	5	4	1	3	0	0	0	1	0	1
32	165	1	26	6	0	6	3	0	3	0	0	0	0	0	0
33	173	1	15	4	0	4	0	0	0	0	0	0	0	0	0
34	176	1	14	3	0	3	4	0	3	0	0	0	1	0	1
35	159	0	16	3	0	3	2	0	2	0	0	0	1	0	1
36	145	0	15	4	0	4	3	0	3	0	0	0	1	0	1
37	169	0	17	4	0	4	0	0	0	1	0	0	0	0	0

*Driver age is calculated from birth date, and invalid date of birth can result in age "0" drivers.

UPPER PENINSULA AGE AND INJURY SEVERITY BY PERSON TYPE (CONTINUED)

AGE	DRIVER			INJURED PASSENGER			MOTORCYCLIST			BICYCLIST			PEDESTRIAN		
	Total	Killed	Injured	Total	Killed	Injured	Total	Killed	Injured	Total	Killed	Injured	Total	Killed	Injured
38	141	0	12	6	0	6	2	0	2	0	0	0	0	0	0
39	164	0	15	1	0	1	2	0	1	0	0	0	1	0	1
40	140	0	16	2	0	2	6	0	5	0	0	0	0	0	0
41	142	0	14	2	1	1	3	1	2	0	0	0	1	0	1
42	139	2	12	4	0	4	1	0	1	0	0	0	0	0	0
43	132	1	20	5	0	5	3	1	2	0	0	0	0	0	0
44	119	0	9	1	0	1	0	0	0	0	0	0	0	0	0
45	132	0	17	4	0	4	2	0	1	0	0	0	1	0	1
46	116	0	10	4	1	3	1	0	0	0	0	0	0	0	0
47	143	0	19	2	0	2	2	0	2	0	0	0	0	0	0
48	152	0	11	3	0	3	2	0	1	0	0	0	0	0	0
49	156	1	19	2	0	2	5	0	5	0	0	0	0	0	0
50	141	1	19	3	0	3	6	0	5	0	0	0	1	0	1
51	157	0	11	2	0	2	2	0	1	0	0	0	0	0	0
52	135	1	21	4	0	4	3	1	1	0	0	0	0	0	0
53	135	0	11	1	0	1	3	0	2	0	0	0	0	0	0
54	134	1	13	4	1	3	3	0	2	0	0	0	0	0	0
55	141	0	11	5	0	5	1	0	1	0	0	0	0	0	0
56	146	1	15	4	0	4	4	0	1	0	0	0	1	0	1
57	141	1	17	5	0	5	1	0	1	0	0	0	0	0	0
58	176	0	13	4	0	4	3	0	2	0	0	0	1	0	1
59	143	0	16	7	1	6	4	0	3	0	0	0	0	0	0
60	160	1	12	6	0	6	2	0	2	0	0	0	1	1	0
61	152	0	14	4	0	4	2	0	2	1	0	0	0	0	0
62	138	0	16	4	0	4	3	0	1	1	0	0	0	0	0
63	146	0	13	6	0	6	4	0	4	0	0	0	0	0	0
64	139	1	18	2	0	2	3	0	2	0	0	0	1	0	0
65	114	0	16	6	0	6	3	0	3	0	0	0	0	0	0
66	107	0	4	0	0	0	0	0	0	1	0	1	0	0	0
67	100	0	9	1	0	1	2	0	2	1	0	1	0	0	0
68	83	1	10	5	0	5	2	0	1	0	0	0	0	0	0
69	112	0	15	2	0	2	1	0	1	1	1	0	0	0	0
70	81	0	5	2	0	2	0	0	0	0	0	0	0	0	0
71	77	1	6	5	0	5	2	1	0	0	0	0	0	0	0
72	94	1	12	3	1	2	1	0	1	0	0	0	0	0	0
73	96	0	7	2	0	2	2	0	2	0	0	0	0	0	0
74	76	0	7	1	0	1	1	0	0	0	0	0	0	0	0
75	57	0	7	0	0	0	0	0	0	0	0	0	0	0	0
76	52	0	5	4	0	4	1	0	1	0	0	0	0	0	0

UPPER PENINSULA AGE AND INJURY SEVERITY BY PERSON TYPE (CONTINUED)

AGE	DRIVER			INJURED PASSENGER			MOTORCYCLIST			BICYCLIST			PEDESTRIAN		
	Total	Killed	Injured	Total	Killed	Injured	Total	Killed	Injured	Total	Killed	Injured	Total	Killed	Injured
77	51	0	5	0	0	0	0	0	0	0	0	0	1	0	1
78	47	2	4	0	0	0	1	0	1	0	0	0	0	0	0
79	44	0	7	1	0	1	0	0	0	0	0	0	0	0	0
80	37	1	3	0	0	0	0	0	0	0	0	0	0	0	0
81	27	0	4	0	0	0	0	0	0	0	0	0	0	0	0
82	37	0	7	3	0	3	0	0	0	0	0	0	0	0	0
83	28	0	5	0	0	0	0	0	0	0	0	0	0	0	0
84	21	1	5	0	0	0	0	0	0	0	0	0	0	0	0
85	24	0	7	1	0	1	0	0	0	0	0	0	0	0	0
86	23	0	4	0	0	0	0	0	0	0	0	0	0	0	0
87	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0
88	15	0	2	1	0	1	0	0	0	0	0	0	0	0	0
89	16	0	1	1	0	1	0	0	0	0	0	0	0	0	0
90	10	1	0	0	0	0	0	0	0	0	0	0	0	0	0
91	4	0	1	0	0	0	0	0	0	0	0	0	0	0	0
92	6	0	1	0	0	0	0	0	0	0	0	0	0	0	0
93	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
94	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
95	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
96	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
97	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
98	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
99	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
101	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
102	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
103	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
104	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
105	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
106	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
107	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
108	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
109	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
110	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Unknown	487	0	0	0	0	0	1	0	0	0	0	0	1	0	0
TOTAL	10,010	25	1,022	346	7	339	137	5	105	18	2	10	30	1	26
	*Includes 520 drivers with unknown injury severity and 8,443 with no injury						*Includes 1 motorcyclist with unknown injury severity and 26 with no injury			*Includes 0 bicyclists with unknown injury severity and 6 with no injury			*Includes 2 pedestrians with unknown injury severity and 1 with no injury		

UPPER PENINSULA DRIVER AGE 16-20

DRIVER ACTION PRIOR TO CRASH	ALL CRASHES		FATAL CRASHES		INJURY CRASHES	
	Number of Drivers	% of Total	Number of Drivers	% of Total	Number of Drivers	% of Total
Going straight ahead	728	67.2	1	100.0	117	63.2
Turning left	82	7.6	0	0.0	21	11.4
Turning right	26	2.4	0	0.0	1	0.5
Stopped on roadway	30	2.8	0	0.0	7	3.8
In prior crash	0	0.0	0	0.0	0	0.0
Changing lanes	12	1.1	0	0.0	1	0.5
Backing	34	3.1	0	0.0	0	0.0
Slowing/stopping on roadway	51	4.7	0	0.0	7	3.8
Slowing/stopping other	3	0.3	0	0.0	1	0.5
Starting up on roadway	14	1.3	0	0.0	6	3.2
Starting up other	0	0.0	0	0.0	0	0.0
Entering parking	0	0.0	0	0.0	0	0.0
Leaving parking	6	0.6	0	0.0	2	1.1
Entering roadway	23	2.1	0	0.0	3	1.6
Leaving roadway	2	0.2	0	0.0	0	0.0
Making U-turn	1	0.1	0	0.0	0	0.0
Overtaking or passing	5	0.5	0	0.0	1	0.5
Avoiding object	2	0.2	0	0.0	0	0.0
Avoiding pedestrian	2	0.2	0	0.0	1	0.5
Avoiding vehicle (front/back)	9	0.8	0	0.0	3	1.6
Avoiding vehicle (angle)	3	0.3	0	0.0	2	1.1
Driverless moving	0	0.0	0	0.0	0	0.0
Parked	7	0.6	0	0.0	1	0.5
Crossing at intersection	0	0.0	0	0.0	0	0.0
Crossing not at intersection	0	0.0	0	0.0	0	0.0
Getting on/off vehicle	0	0.0	0	0.0	0	0.0
In roadway with traffic	0	0.0	0	0.0	0	0.0
In roadway against traffic	0	0.0	0	0.0	0	0.0
Standing/lying in roadway	0	0.0	0	0.0	0	0.0
Pushing/working on vehicle	0	0.0	0	0.0	0	0.0
Other working in roadway	0	0.0	0	0.0	0	0.0
Playing in roadway	0	0.0	0	0.0	0	0.0
In roadway other reason	0	0.0	0	0.0	0	0.0
Not in roadway	0	0.0	0	0.0	0	0.0
Other	3	0.3	0	0.0	1	0.5
Unknown	1	0.1	0	0.0	0	0.0
Avoiding animal	7	0.6	0	0.0	2	1.1
Negotiating a curve	33	3.0	0	0.0	8	4.3
Uncoded & Errors	0	0.0	0	0.0	0	0.0
TOTAL	1,084	100.0	1	100.0	185	100.0

UPPER PENINSULA DRIVER AGE 16-20 (CONTINUED)

MOST HARMFUL EVENT IN A NONCOLLISION	ALL CRASHES		FATAL CRASHES		INJURY CRASHES	
	Number of Drivers	% of Total	Number of Drivers	% of Total	Number of Drivers	% of Total
Loss of control	24	2.2	0	0.0	2	1.1
Ran off roadway left	18	1.7	0	0.0	5	2.7
Ran off roadway right	18	1.7	0	0.0	3	1.6
Re-enter roadway	0	0.0	0	0.0	0	0.0
Overturn	65	6.0	0	0.0	20	10.8
Separation of units	0	0.0	0	0.0	0	0.0
Fire/explosion	4	0.4	0	0.0	0	0.0
Immersion	0	0.0	0	0.0	0	0.0
Jackknife	0	0.0	0	0.0	0	0.0
Downhill runaway	0	0.0	0	0.0	0	0.0
Cargo loss/shift	0	0.0	0	0.0	0	0.0
Individual fell from vehicle	0	0.0	0	0.0	0	0.0
Other noncollision	1	0.1	0	0.0	0	0.0
Equipment failure (blown tire, brake failure, etc.)	1	0.1	0	0.0	0	0.0
Cross centerline	4	0.4	0	0.0	1	0.5
Cross median	0	0.0	0	0.0	0	0.0
SUBTOTAL	135	12.5	0	0.0	31	16.8

For drivers age 16-20 in the Upper Peninsula, an overturn is the most common harmful event in a noncollision with the highest proportion of all crashes (6.0%) and injury crashes (10.8%).

MOST HARMFUL EVENT IN A COLLISION WITH A NONFIXED OBJECT	ALL CRASHES		FATAL CRASHES		INJURY CRASHES	
	Number of Drivers	% of Total	Number of Drivers	% of Total	Number of Drivers	% of Total
Pedestrian	3	0.3	0	0.0	3	1.6
Bicyclist	0	0.0	0	0.0	0	0.0
Motor vehicle in transport	535	49.4	1	100.0	107	57.8
Parked motor vehicle	39	3.6	0	0.0	6	3.2
Railroad train	0	0.0	0	0.0	0	0.0
Animal	208	19.2	0	0.0	3	1.6
Other nonfixed object	10	0.9	0	0.0	2	1.1
Work zone/maintenance equipment	0	0.0	0	0.0	0	0.0
Cargo falling/shifting/anything set in motion by a motor vehicle	1	0.1	0	0.0	0	0.0
SUBTOTAL	796	73.4	1	100.0	121	65.4

UPPER PENINSULA DRIVER AGE 16-20 (CONTINUED)

MOST HARMFUL EVENT IN A COLLISION WITH A FIXED OBJECT	ALL CRASHES		FATAL CRASHES		INJURY CRASHES	
	Number of Drivers	% of Total	Number of Drivers	% of Total	Number of Drivers	% of Total
Bridge pier/abutment/support	0	0.0	0	0.0	0	0.0
Bridge rail	0	0.0	0	0.0	0	0.0
Guardrail face	9	0.8	0	0.0	0	0.0
Guardrail end	3	0.3	0	0.0	1	0.5
Other post/pole/support	0	0.0	0	0.0	0	0.0
Culvert	2	0.2	0	0.0	0	0.0
Curb	2	0.2	0	0.0	1	0.5
Ditch	30	2.8	0	0.0	4	2.2
Embankment	9	0.8	0	0.0	1	0.5
Fence	4	0.4	0	0.0	1	0.5
Mailbox	10	0.9	0	0.0	2	1.1
Tree	43	4.0	0	0.0	14	7.6
Railroad crossing signal	1	0.1	0	0.0	1	0.5
Building	4	0.4	0	0.0	2	1.1
Traffic island	1	0.1	0	0.0	0	0.0
Fire hydrant	1	0.1	0	0.0	1	0.5
Impact attenuator	0	0.0	0	0.0	0	0.0
Other fixed object	5	0.5	0	0.0	0	0.0
Bridge overhead structure	0	0.0	0	0.0	0	0.0
Cable barrier	0	0.0	0	0.0	0	0.0
Concrete barrier	0	0.0	0	0.0	0	0.0
Traffic sign/post	12	1.1	0	0.0	1	0.5
Traffic signal equipment	1	0.1	0	0.0	0	0.0
Utility pole/light support	16	1.5	0	0.0	4	2.2
SUBTOTAL	153	14.1	0	0.0	33	17.8

For drivers age 16-20 in the Upper Peninsula, a tree is the fixed object associated with the highest proportion of all crashes (4.0%) and injury crashes (7.6%).

	ALL CRASHES		FATAL CRASHES		INJURY CRASHES	
	Number of Drivers	% of Total	Number of Drivers	% of Total	Number of Drivers	% of Total
Unknown Event	0	0.0	0	0.0	0	0.0
MOST HARMFUL EVENT TOTAL	1,084	100.0	1	100.0	185	100.0

UPPER PENINSULA DRIVER AGE 16-20 (CONTINUED)

CRASH TYPE	ALL CRASHES		FATAL CRASHES		INJURY CRASHES	
	Number of Drivers	% of Total	Number of Drivers	% of Total	Number of Drivers	% of Total
Single Vehicle	479	44.2	0	0.0	65	35.1
Head On	12	1.1	0	0.0	8	4.3
Head On - Left Turn	37	3.4	0	0.0	13	7.0
Angle	204	18.8	1	100.0	45	24.3
Rear End	158	14.6	0	0.0	31	16.8
Rear End - Left Turn	22	2.0	0	0.0	5	2.7
Rear End - Right Turn	1	0.1	0	0.0	1	0.5
Sideswipe - Same Direction	71	6.5	0	0.0	5	2.7
Sideswipe - Opposite Directions	27	2.5	0	0.0	4	2.2
Backing	32	3.0	0	0.0	1	0.5
Other	38	3.5	0	0.0	7	3.8
Unknown	3	0.3	0	0.0	0	0.0
Uncoded & Errors	0	0.0	0	0.0	0	0.0
TOTAL	1,084	100.0	1	100.0	185	100.0

Single-vehicle crashes are the most common type of crash that drivers age 16-20 in the Upper Peninsula are involved in for all crashes (44.2%) and injury crashes (35.1%).

RELATIONSHIP TO ROADWAY (LOCATION OF FIRST IMPACT)	ALL CRASHES		FATAL CRASHES		INJURY CRASHES	
	Number of Drivers	% of Total	Number of Drivers	% of Total	Number of Drivers	% of Total
On Road	879	81.1	1	100.0	136	73.5
Median	7	0.6	0	0.0	1	0.5
Shoulder	58	5.4	0	0.0	11	5.9
Outside of Shoulder/Curb	117	10.8	0	0.0	32	17.3
Gore	6	0.6	0	0.0	2	1.1
On-Street Parking	15	1.4	0	0.0	2	1.1
Off the Roadway	0	0.0	0	0.0	0	0.0
On the Sidewalk	0	0.0	0	0.0	0	0.0
In the Bicycle Lane	0	0.0	0	0.0	0	0.0
Other/Unknown	2	0.2	0	0.0	1	0.5
Uncoded & Errors	0	0.0	0	0.0	0	0.0
TOTAL	1,084	100.0	1	100.0	185	100.0

Other than on the road crashes, drivers age 16-20 in the Upper Peninsula are most commonly involved in crashes where the first impact is outside the shoulder/curb for all crashes (10.8%) and injury crashes (17.3%).

ROADWAY TYPE	ALL CRASHES		FATAL CRASHES		INJURY CRASHES	
	Number of Drivers	% of Total	Number of Drivers	% of Total	Number of Drivers	% of Total
Interstate Routes	27	2.5	0	0.0	2	1.1
U.S. & Michigan Roads	548	50.6	0	0.0	93	50.3
County & City Roads	504	46.5	1	100.0	88	47.6
Uncoded & Errors	5	0.5	0	0.0	2	1.1
TOTAL	1,084	100.0	1	100.0	185	100.0

UPPER PENINSULA DRIVER AGE 16-20 (CONTINUED)

TIME OF DAY	ALL CRASHES		FATAL CRASHES		INJURY CRASHES	
	Number of Drivers	% of Total	Number of Drivers	% of Total	Number of Drivers	% of Total
12:00 AM - 2:59 AM	46	4.2	0	0.0	5	2.7
3:00 AM - 5:59 AM	34	3.1	0	0.0	10	5.4
6:00 AM - 8:59 AM	106	9.8	0	0.0	22	11.9
9:00 AM - 11:59 AM	126	11.6	0	0.0	23	12.4
12:00 PM - 2:59 PM	207	19.1	0	0.0	32	17.3
3:00 PM - 5:59 PM	243	22.4	0	0.0	41	22.2
6:00 PM - 8:59 PM	191	17.6	1	100.0	28	15.1
9:00 PM - 11:59 PM	131	12.1	0	0.0	24	13.0
Unknown	0	0.0	0	0.0	0	0.0
TOTAL	1,084	100.0	1	100.0	185	100.0

For drivers age 16-20 in the Upper Peninsula, the 3:00 - 5:59 PM time period has the highest proportion of all crashes (22.4%) and injury crashes (22.2%).

HAZARDOUS ACTION	ALL CRASHES		FATAL CRASHES		INJURY CRASHES		HAZARDOUS CITATION ISSUED	
	Number of Drivers	% of Total	Number of Drivers	% of Total	Number of Drivers	% of Total	Number of Drivers	% of Total
None	467	43.1	1	100.0	59	31.9	2	1.0
Speed too fast	174	16.1	0	0.0	32	17.3	55	27.2
Speed too slow	0	0.0	0	0.0	0	0.0	0	0.0
Failed to yield	110	10.1	0	0.0	26	14.1	39	19.3
Disregard traffic control	20	1.8	0	0.0	6	3.2	11	5.4
Drove wrong way	0	0.0	0	0.0	0	0.0	0	0.0
Drove left of center	4	0.4	0	0.0	0	0.0	2	1.0
Improper passing	4	0.4	0	0.0	0	0.0	1	0.5
Improper lane use	16	1.5	0	0.0	0	0.0	4	2.0
Improper turn	8	0.7	0	0.0	2	1.1	2	1.0
Improper/no signal	3	0.3	0	0.0	0	0.0	1	0.5
Improper backing	19	1.8	0	0.0	0	0.0	1	0.5
Unable to stop in assured clear distance	113	10.4	0	0.0	16	8.6	27	13.4
Other	38	3.5	0	0.0	10	5.4	15	7.4
Unknown	25	2.3	0	0.0	4	2.2	2	1.0
Reckless driving	5	0.5	0	0.0	3	1.6	1	0.5
Careless/negligent driving	78	7.2	0	0.0	27	14.6	39	19.3
Uncoded & Errors	0	0.0	0	0.0	0	0.0	0	0.0
TOTAL	1,084	100.0	1	100.0	185	100.0	202	100.0

Other than no hazardous action, the second highest known hazardous action category for drivers age 16-20 in the Upper Peninsula is speed too fast for all crashes (16.1%) and injury crashes (27.2%).

UPPER PENINSULA DRIVER AGE 16-20 (CONTINUED)

DAY OF WEEK	ALL CRASHES		FATAL CRASHES		INJURY CRASHES	
	Number of Drivers	% of Total	Number of Drivers	% of Total	Number of Drivers	% of Total
Monday	151	13.9	0	0.0	23	12.4
Tuesday	128	11.8	0	0.0	24	13.0
Wednesday	139	12.8	0	0.0	20	10.8
Thursday	167	15.4	0	0.0	32	17.3
Friday	180	16.6	1	100.0	33	17.8
Saturday	155	14.3	0	0.0	27	14.6
Sunday	164	15.1	0	0.0	26	14.1
TOTAL	1,084	100.0	1	100.0	185	100.0

DRIVER GENDER	ALL CRASHES		FATAL CRASHES		INJURY CRASHES	
	Number of Drivers	% of Total	Number of Drivers	% of Total	Number of Drivers	% of Total
Male	582	53.7	1	100.0	84	45.4
Female	502	46.3	0	0.0	101	54.6
Uncoded & Errors	0	0.0	0	0.0	0	0.0
TOTAL	1,084	100.0	1	100.0	185	100.0

Male drivers make up 53.7 percent of drivers in all crashes in the Upper Peninsula and 45.4 percent of drivers in injury crashes.

NUMBER OF OCCUPANTS	ALL CRASHES		FATAL CRASHES		INJURY CRASHES	
	Number of Drivers	% of Total	Number of Drivers	% of Total	Number of Drivers	% of Total
1 occupant	795	73.3	0	0.0	111	60.0
2 occupants	195	18.0	0	0.0	45	24.3
3 occupants	60	5.5	1	100.0	22	11.9
4 occupants	27	2.5	0	0.0	5	2.7
5 occupants	2	0.2	0	0.0	1	0.5
6+ occupants	2	0.2	0	0.0	1	0.5
0 occupants	3	0.3	0	0.0	0	0.0
Uncoded & Errors	0	0.0	0	0.0	0	0.0
TOTAL	1,084	100.0	1	100.0	185	100.0

UPPER PENINSULA DRIVER AGE 16-20 (CONTINUED)

VEHICLE TYPE	ALL CRASHES		FATAL CRASHES		INJURY CRASHES	
	Number of Drivers	% of Total	Number of Drivers	% of Total	Number of Drivers	% of Total
Passenger car, SUV, van	843	77.8	0	0.0	143	77.3
Motor home	0	0.0	0	0.0	0	0.0
Pickup truck	207	19.1	1	100.0	28	15.1
Small Truck under 10,000 lbs. GVWR	9	0.8	0	0.0	2	1.1
Motorcycle	2	0.2	0	0.0	2	1.1
Moped/goped	2	0.2	0	0.0	1	0.5
Go-cart/golf cart	0	0.0	0	0.0	0	0.0
Snowmobile	4	0.4	0	0.0	3	1.6
Off-Road Vehicle - ORV/All-Terrain Vehicle - ATV	10	0.9	0	0.0	5	2.7
Other	1	0.1	0	0.0	1	0.5
Uncoded & Errors	0	0.0	0	0.0	0	0.0
CDL Truck/Bus (breakdown below)	6	0.6	0	0.0	0	0.0
TOTAL	1,084	100.0	1	100.0	185	100.0

HEAVY TRUCK/BUS GROSS VEHICLE WEIGHT RATING	ALL CRASHES		FATAL CRASHES		INJURY CRASHES	
	Number of Drivers	% of Total	Number of Drivers	% of Total	Number of Drivers	% of Total
10,000 lbs. or less	0	0.0	0	0.0	0	0.0
10,001 - 26,000 lbs.	5	83.3	0	0.0	0	0.0
Greater than 26,000 lbs.	1	16.7	0	0.0	0	0.0
Uncoded & Errors	0	0.0	0	0.0	0	0.0
TOTAL	6	100.0	0	0.0	0	0.0

UPPER PENINSULA DRIVER AGE 21-64

DRIVER ACTION PRIOR TO CRASH	ALL CRASHES		FATAL CRASHES		INJURY CRASHES	
	Number of Drivers	% of Total	Number of Drivers	% of Total	Number of Drivers	% of Total
Going straight ahead	5,010	72.1	26	78.8	749	68.2
Turning left	335	4.8	1	3.0	75	6.8
Turning right	180	2.6	1	3.0	19	1.7
Stopped on roadway	288	4.1	0	0.0	64	5.8
In prior crash	1	0.0	0	0.0	1	0.1
Changing lanes	50	0.7	0	0.0	5	0.5
Backing	211	3.0	0	0.0	4	0.4
Slowing/stopping on roadway	278	4.0	0	0.0	61	5.6
Slowing/stopping other	5	0.1	0	0.0	0	0.0
Starting up on roadway	86	1.2	0	0.0	15	1.4
Starting up other	0	0.0	0	0.0	0	0.0
Entering parking	10	0.1	0	0.0	1	0.1
Leaving parking	19	0.3	0	0.0	2	0.2
Entering roadway	69	1.0	0	0.0	13	1.2
Leaving roadway	14	0.2	0	0.0	7	0.6
Making U-turn	15	0.2	1	3.0	3	0.3
Overtaking or passing	33	0.5	1	3.0	5	0.5
Avoiding object	3	0.0	0	0.0	0	0.0
Avoiding pedestrian	0	0.0	0	0.0	0	0.0
Avoiding vehicle (front/back)	45	0.6	0	0.0	10	0.9
Avoiding vehicle (angle)	12	0.2	0	0.0	1	0.1
Driverless moving	1	0.0	0	0.0	0	0.0
Parked	70	1.0	1	3.0	5	0.5
Crossing at intersection	4	0.1	0	0.0	1	0.1
Crossing not at intersection	1	0.0	0	0.0	0	0.0
Getting on/off vehicle	0	0.0	0	0.0	0	0.0
In roadway with traffic	0	0.0	0	0.0	0	0.0
In roadway against traffic	1	0.0	0	0.0	0	0.0
Standing/lying in roadway	0	0.0	0	0.0	0	0.0
Pushing/working on vehicle	0	0.0	0	0.0	0	0.0
Other working in roadway	1	0.0	0	0.0	0	0.0
Playing in roadway	0	0.0	0	0.0	0	0.0
In roadway other reason	1	0.0	0	0.0	0	0.0
Not in roadway	0	0.0	0	0.0	0	0.0
Other	17	0.2	0	0.0	3	0.3
Unknown	7	0.1	0	0.0	0	0.0
Avoiding animal	31	0.4	0	0.0	5	0.5
Negotiating a curve	148	2.1	2	6.1	50	4.5
Uncoded & Errors	0	0.0	0	0.0	0	0.0
TOTAL	6,946	100.0	33	100.0	1,099	100.0

UPPER PENINSULA DRIVER AGE 21-64 (CONTINUED)

MOST HARMFUL EVENT IN A NONCOLLISION	ALL CRASHES		FATAL CRASHES		INJURY CRASHES	
	Number of Drivers	% of Total	Number of Drivers	% of Total	Number of Drivers	% of Total
Loss of control	99	1.4	2	6.1	27	2.5
Ran off roadway left	41	0.6	0	0.0	9	0.8
Ran off roadway right	80	1.2	0	0.0	24	2.2
Re-enter roadway	7	0.1	0	0.0	1	0.1
Overturn	245	3.5	3	9.1	113	10.3
Separation of units	12	0.2	0	0.0	1	0.1
Fire/explosion	11	0.2	0	0.0	0	0.0
Immersion	1	0.0	0	0.0	0	0.0
Jackknife	9	0.1	0	0.0	1	0.1
Downhill runaway	1	0.0	0	0.0	0	0.0
Cargo loss/shift	13	0.2	0	0.0	1	0.1
Individual fell from vehicle	26	0.4	0	0.0	26	2.4
Other noncollision	23	0.3	0	0.0	6	0.5
Equipment failure (blown tire, brake failure, etc.)	24	0.3	0	0.0	6	0.5
Cross centerline	28	0.4	0	0.0	6	0.5
Cross median	1	0.0	0	0.0	0	0.0
SUBTOTAL	621	8.9	5	15.2	221	20.1

For drivers age 21-64 in the Upper Peninsula, an overturn is the most common harmful event in a noncollision with the highest proportion of all crashes (3.5%) and injury crashes (10.3%).

MOST HARMFUL EVENT IN A COLLISION WITH A NONFIXED OBJECT	ALL CRASHES		FATAL CRASHES		INJURY CRASHES	
	Number of Drivers	% of Total	Number of Drivers	% of Total	Number of Drivers	% of Total
Pedestrian	14	0.2	0	0.0	13	1.2
Bicyclist	13	0.2	2	6.1	7	0.6
Motor vehicle in transport	2,845	41.0	15	45.5	602	54.8
Parked motor vehicle	219	3.2	2	6.1	22	2.0
Railroad train	1	0.0	0	0.0	0	0.0
Animal	2,438	35.1	0	0.0	53	4.8
Other nonfixed object	76	1.1	0	0.0	16	1.5
Work zone/maintenance equipment	3	0.0	0	0.0	0	0.0
Cargo falling/shifting/anything set in motion by a motor vehicle	16	0.2	0	0.0	3	0.3
SUBTOTAL	5,625	81.0	19	57.6	716	65.2

UPPER PENINSULA DRIVER AGE 21-64 (CONTINUED)

MOST HARMFUL EVENT IN A COLLISION WITH A FIXED OBJECT	ALL CRASHES		FATAL CRASHES		INJURY CRASHES	
	Number of Drivers	% of Total	Number of Drivers	% of Total	Number of Drivers	% of Total
Bridge pier/abutment/support	1	0.0	0	0.0	0	0.0
Bridge rail	6	0.1	0	0.0	2	0.2
Guardrail face	47	0.7	0	0.0	5	0.5
Guardrail end	10	0.1	0	0.0	2	0.2
Other post/pole/support	14	0.2	0	0.0	2	0.2
Culvert	13	0.2	1	3.0	4	0.4
Curb	7	0.1	0	0.0	1	0.1
Ditch	151	2.2	0	0.0	26	2.4
Embankment	51	0.7	0	0.0	13	1.2
Fence	4	0.1	0	0.0	1	0.1
Mailbox	19	0.3	0	0.0	0	0.0
Tree	201	2.9	8	24.2	74	6.7
Railroad crossing signal	0	0.0	0	0.0	0	0.0
Building	8	0.1	0	0.0	0	0.0
Traffic island	0	0.0	0	0.0	0	0.0
Fire hydrant	7	0.1	0	0.0	2	0.2
Impact attenuator	3	0.0	0	0.0	0	0.0
Other fixed object	39	0.6	0	0.0	9	0.8
Bridge overhead structure	0	0.0	0	0.0	0	0.0
Cable barrier	5	0.1	0	0.0	0	0.0
Concrete barrier	5	0.1	0	0.0	0	0.0
Traffic sign/post	45	0.6	0	0.0	3	0.3
Traffic signal equipment	1	0.0	0	0.0	0	0.0
Utility pole/light support	63	0.9	0	0.0	18	1.6
SUBTOTAL	700	10.1	9	27.3	162	14.7

For drivers age 21-64 in the Upper Peninsula, a tree is the fixed object associated with the highest proportion of all crashes (2.9%), fatal crashes (24.2%), and injury crashes (6.7%).

	ALL CRASHES		FATAL CRASHES		INJURY CRASHES	
	Number of Drivers	% of Total	Number of Drivers	% of Total	Number of Drivers	% of Total
Unknown Event	0	0.0	0	0.0	0	0.0
MOST HARMFUL EVENT TOTAL	6,946	100.0	33	100.0	1,099	100.0

UPPER PENINSULA DRIVER AGE 21-64 (CONTINUED)

CRASH TYPE	ALL CRASHES		FATAL CRASHES		INJURY CRASHES	
	Number of Drivers	% of Total	Number of Drivers	% of Total	Number of Drivers	% of Total
Single Vehicle	3,619	52.1	14	42.4	411	37.4
Head On	123	1.8	9	27.3	57	5.2
Head On - Left Turn	138	2.0	1	3.0	50	4.5
Angle	1,012	14.6	7	21.2	230	20.9
Rear End	826	11.9	2	6.1	185	16.8
Rear End - Left Turn	64	0.9	0	0.0	24	2.2
Rear End - Right Turn	63	0.9	0	0.0	7	0.6
Sideswipe - Same Direction	427	6.1	0	0.0	40	3.6
Sideswipe - Opposite Directions	179	2.6	0	0.0	35	3.2
Backing	194	2.8	0	0.0	4	0.4
Other	273	3.9	0	0.0	54	4.9
Unknown	28	0.4	0	0.0	2	0.2
Uncoded & Errors	0	0.0	0	0.0	0	0.0
TOTAL	6,946	100.0	33	100.0	1,099	100.0

Single-vehicle crashes are the most common type of crash that drivers age 21-64 in the Upper Peninsula are involved in for all crashes (52.1%), fatal crashes (42.4%), and injury crashes (37.4%).

RELATIONSHIP TO ROADWAY (LOCATION OF FIRST IMPACT)	ALL CRASHES		FATAL CRASHES		INJURY CRASHES	
	Number of Drivers	% of Total	Number of Drivers	% of Total	Number of Drivers	% of Total
On Road	6,037	86.9	23	69.7	869	79.1
Median	9	0.1	0	0.0	1	0.1
Shoulder	326	4.7	3	9.1	83	7.6
Outside of Shoulder/Curb	424	6.1	7	21.2	121	11.0
Gore	15	0.2	0	0.0	7	0.6
On-Street Parking	80	1.2	0	0.0	6	0.5
Off the Roadway	0	0.0	0	0.0	0	0.0
On the Sidewalk	7	0.1	0	0.0	3	0.3
In the Bicycle Lane	0	0.0	0	0.0	0	0.0
Other/Unknown	48	0.7	0	0.0	9	0.8
Uncoded & Errors	0	0.0	0	0.0	0	0.0
TOTAL	6,946	100.0	33	100.0	1,099	100.0

Other than on the road crashes, drivers age 21-64 in the Upper Peninsula are most commonly involved in crashes where the first impact is outside the shoulder/curb for all crashes (6.1%), fatal crashes (21.2%), and injury crashes (11.0%).

ROADWAY TYPE	ALL CRASHES		FATAL CRASHES		INJURY CRASHES	
	Number of Drivers	% of Total	Number of Drivers	% of Total	Number of Drivers	% of Total
Interstate Routes	268	3.9	0	0.0	38	3.5
U.S. & Michigan Roads	3,901	56.2	19	57.6	593	54.0
County & City Roads	2,732	39.3	14	42.4	456	41.5
Uncoded & Errors	45	0.6	0	0.0	12	1.1
TOTAL	6,946	100.0	33	100.0	1,099	100.0

UPPER PENINSULA DRIVER AGE 21-64 (CONTINUED)

TIME OF DAY	ALL CRASHES		FATAL CRASHES		INJURY CRASHES	
	Number of Drivers	% of Total	Number of Drivers	% of Total	Number of Drivers	% of Total
12:00 AM - 2:59 AM	255	3.7	2	6.1	37	3.4
3:00 AM - 5:59 AM	290	4.2	3	9.1	34	3.1
6:00 AM - 8:59 AM	913	13.1	3	9.1	115	10.5
9:00 AM - 11:59 AM	941	13.5	1	3.0	164	14.9
12:00 PM - 2:59 PM	1,204	17.3	9	27.3	236	21.5
3:00 PM - 5:59 PM	1,471	21.2	6	18.2	270	24.6
6:00 PM - 8:59 PM	1,167	16.8	5	15.2	150	13.6
9:00 PM - 11:59 PM	701	10.1	4	12.1	92	8.4
Unknown	4	0.1	0	0.0	1	0.1
TOTAL	6,946	100.0	33	100.0	1,099	100.0

For drivers age 21-64 in the Upper Peninsula, the 3:00 - 5:59 PM time period has the highest proportion of all crashes (21.2%) and injury crashes (24.6%). The 12:00 - 2:59 PM time period has the highest proportion of fatal crashes (27.3%).

HAZARDOUS ACTION	ALL CRASHES		FATAL CRASHES		INJURY CRASHES		HAZARDOUS CITATION ISSUED	
	Number of Drivers	% of Total	Number of Drivers	% of Total	Number of Drivers	% of Total	Number of Drivers	% of Total
None	4,400	63.3	12	36.4	486	44.2	4	0.5
Speed too fast	604	8.7	8	24.2	149	13.6	185	25.1
Speed too slow	3	0.0	0	0.0	2	0.2	1	0.1
Failed to yield	422	6.1	1	3.0	91	8.3	138	18.8
Disregard traffic control	72	1.0	0	0.0	20	1.8	33	4.5
Drove wrong way	0	0.0	0	0.0	0	0.0	0	0.0
Drove left of center	40	0.6	0	0.0	10	0.9	12	1.6
Improper passing	22	0.3	1	3.0	2	0.2	5	0.7
Improper lane use	71	1.0	1	3.0	7	0.6	22	3.0
Improper turn	53	0.8	1	3.0	11	1.0	14	1.9
Improper/no signal	5	0.1	0	0.0	1	0.1	0	0.0
Improper backing	137	2.0	0	0.0	3	0.3	4	0.5
Unable to stop in assured clear distance	365	5.3	0	0.0	77	7.0	95	12.9
Other	256	3.7	2	6.1	82	7.5	52	7.1
Unknown	179	2.6	6	18.2	37	3.4	7	1.0
Reckless driving	42	0.6	1	3.0	22	2.0	15	2.0
Careless/negligent driving	275	4.0	0	0.0	99	9.0	149	20.2
Uncoded & Errors	0	0.0	0	0.0	0	0.0	0	0.0
TOTAL	6,946	100.0	33	100.0	1,099	100.0	736	100.0

After no hazardous action, the second highest known hazardous action category for drivers age 21-64 in the Upper Peninsula is speed too fast for all crashes (8.7%), fatal crashes (24.2%), and injury crashes (13.6%).

UPPER PENINSULA DRIVER AGE 21-64 (CONTINUED)

DAY OF WEEK	ALL CRASHES		FATAL CRASHES		INJURY CRASHES	
	Number of Drivers	% of Total	Number of Drivers	% of Total	Number of Drivers	% of Total
Monday	1,065	15.3	0	0.0	176	16.0
Tuesday	886	12.8	2	6.1	134	12.2
Wednesday	986	14.2	4	12.1	147	13.4
Thursday	1,187	17.1	7	21.2	174	15.8
Friday	1,147	16.5	7	21.2	168	15.3
Saturday	868	12.5	9	27.3	160	14.6
Sunday	807	11.6	4	12.1	140	12.7
TOTAL	6,946	100.0	33	100.0	1,099	100.0

DRIVER GENDER	ALL CRASHES		FATAL CRASHES		INJURY CRASHES	
	Number of Drivers	% of Total	Number of Drivers	% of Total	Number of Drivers	% of Total
Male	4,135	59.5	28	84.8	676	61.5
Female	2,810	40.5	5	15.2	423	38.5
Uncoded & Errors	1	0.0	0	0.0	0	0.0
TOTAL	6,946	100.0	33	100.0	1,099	100.0

For drivers age 21-64 in the Upper Peninsula, male drivers (84.8%) account for 5.6 times that of female drivers (15.2%) in fatal crashes.

NUMBER OF OCCUPANTS	ALL CRASHES		FATAL CRASHES		INJURY CRASHES	
	Number of Drivers	% of Total	Number of Drivers	% of Total	Number of Drivers	% of Total
1 occupant	5,466	78.7	20	60.6	778	70.8
2 occupants	1,030	14.8	6	18.2	226	20.6
3 occupants	246	3.5	3	9.1	58	5.3
4 occupants	105	1.5	2	6.1	20	1.8
5 occupants	42	0.6	1	3.0	13	1.2
6+ occupants	17	0.2	0	0.0	2	0.2
0 occupants	40	0.6	1	3.0	2	0.2
Uncoded & Errors	0	0.0	0	0.0	0	0.0
TOTAL	6,946	100.0	33	100.0	1,099	100.0

UPPER PENINSULA DRIVER AGE 21-64 (CONTINUED)

VEHICLE TYPE	ALL CRASHES		FATAL CRASHES		INJURY CRASHES	
	Number of Drivers	% of Total	Number of Drivers	% of Total	Number of Drivers	% of Total
Passenger car, SUV, van	4,695	67.6	15	45.5	642	58.4
Motor home	13	0.2	0	0.0	3	0.3
Pickup truck	1,693	24.4	10	30.3	250	22.7
Small Truck under 10,000 lbs. GVWR	32	0.5	0	0.0	7	0.6
Motorcycle	93	1.3	4	12.1	73	6.6
Moped/goped	11	0.2	1	3.0	8	0.7
Go-cart/golf cart	1	0.0	0	0.0	1	0.1
Snowmobile	43	0.6	0	0.0	28	2.5
Off-Road Vehicle - ORV/All-Terrain Vehicle - ATV	48	0.7	0	0.0	41	3.7
Other	33	0.5	0	0.0	5	0.5
Uncoded & Errors	1	0.0	0	0.0	0	0.0
CDL Truck/Bus (breakdown below)	283	4.1	3	9.1	41	3.7
TOTAL	6,946	100.0	33	100.0	1,099	100.0

HEAVY TRUCK/BUS GROSS VEHICLE WEIGHT RATING	ALL CRASHES		FATAL CRASHES		INJURY CRASHES	
	Number of Drivers	% of Total	Number of Drivers	% of Total	Number of Drivers	% of Total
10,000 lbs. or less	3	1.1	0	0.0	0	0.0
10,001 - 26,000 lbs.	107	37.8	1	33.3	10	24.4
Greater than 26,000 lbs.	173	61.1	2	66.7	31	75.6
Uncoded & Errors	0	0.0	0	0.0	0	0.0
TOTAL	283	100.0	3	100.0	41	100.0

UPPER PENINSULA DRIVER AGE 65 AND OVER

DRIVER ACTION PRIOR TO CRASH	ALL CRASHES		FATAL CRASHES		INJURY CRASHES	
	Number of Drivers	% of Total	Number of Drivers	% of Total	Number of Drivers	% of Total
Going straight ahead	979	67.2	8	66.7	160	63.7
Turning left	106	7.3	0	0.0	29	11.6
Turning right	58	4.0	0	0.0	9	3.6
Stopped on roadway	57	3.9	0	0.0	11	4.4
In prior crash	2	0.1	0	0.0	1	0.4
Changing lanes	19	1.3	0	0.0	3	1.2
Backing	50	3.4	0	0.0	0	0.0
Slowing/stopping on roadway	39	2.7	0	0.0	8	3.2
Slowing/stopping other	1	0.1	0	0.0	1	0.4
Starting up on roadway	31	2.1	0	0.0	5	2.0
Starting up other	1	0.1	0	0.0	0	0.0
Entering parking	7	0.5	0	0.0	0	0.0
Leaving parking	3	0.2	0	0.0	0	0.0
Entering roadway	26	1.8	1	8.3	5	2.0
Leaving roadway	4	0.3	0	0.0	1	0.4
Making U-turn	11	0.8	1	8.3	6	2.4
Overtaking or passing	13	0.9	0	0.0	2	0.8
Avoiding object	0	0.0	0	0.0	0	0.0
Avoiding pedestrian	0	0.0	0	0.0	0	0.0
Avoiding vehicle (front/back)	3	0.2	0	0.0	2	0.8
Avoiding vehicle (angle)	2	0.1	0	0.0	0	0.0
Driverless moving	0	0.0	0	0.0	0	0.0
Parked	12	0.8	1	8.3	1	0.4
Crossing at intersection	3	0.2	0	0.0	0	0.0
Crossing not at intersection	0	0.0	0	0.0	0	0.0
Getting on/off vehicle	0	0.0	0	0.0	0	0.0
In roadway with traffic	0	0.0	0	0.0	0	0.0
In roadway against traffic	0	0.0	0	0.0	0	0.0
Standing/lying in roadway	0	0.0	0	0.0	0	0.0
Pushing/working on vehicle	0	0.0	0	0.0	0	0.0
Other working in roadway	0	0.0	0	0.0	0	0.0
Playing in roadway	0	0.0	0	0.0	0	0.0
In roadway other reason	0	0.0	0	0.0	0	0.0
Not in roadway	0	0.0	0	0.0	0	0.0
Other	3	0.2	1	8.3	1	0.4
Unknown	2	0.1	0	0.0	2	0.8
Avoiding animal	5	0.3	0	0.0	0	0.0
Negotiating a curve	19	1.3	0	0.0	4	1.6
Uncoded & Errors	0	0.0	0	0.0	0	0.0
TOTAL	1,456	100.0	12	100.0	251	100.0

UPPER PENINSULA DRIVER AGE 65 AND OVER (CONTINUED)

MOST HARMFUL EVENT IN A NONCOLLISION	ALL CRASHES		FATAL CRASHES		INJURY CRASHES	
	Number of Drivers	% of Total	Number of Drivers	% of Total	Number of Drivers	% of Total
Loss of control	18	1.2	0	0.0	1	0.4
Ran off roadway left	3	0.2	0	0.0	0	0.0
Ran off roadway right	11	0.8	0	0.0	4	1.6
Re-enter roadway	2	0.1	0	0.0	0	0.0
Overturn	25	1.7	0	0.0	12	4.8
Separation of units	0	0.0	0	0.0	0	0.0
Fire/explosion	1	0.1	0	0.0	0	0.0
Immersion	1	0.1	0	0.0	1	0.4
Jackknife	0	0.0	0	0.0	0	0.0
Downhill runaway	0	0.0	0	0.0	0	0.0
Cargo loss/shift	2	0.1	0	0.0	0	0.0
Individual fell from vehicle	5	0.3	0	0.0	5	2.0
Other noncollision	5	0.3	0	0.0	2	0.8
Equipment failure (blown tire, brake failure, etc.)	2	0.1	0	0.0	0	0.0
Cross centerline	10	0.7	0	0.0	1	0.4
Cross median	1	0.1	0	0.0	0	0.0
SUBTOTAL	86	5.9	0	0.0	26	10.4

For drivers age 65 and over in the Upper Peninsula, overturn is the most common harmful event in a noncollision for all crashes (1.7%) and injury crashes (4.8%).

MOST HARMFUL EVENT IN A COLLISION WITH A NONFIXED OBJECT	ALL CRASHES		FATAL CRASHES		INJURY CRASHES	
	Number of Drivers	% of Total	Number of Drivers	% of Total	Number of Drivers	% of Total
Pedestrian	4	0.3	0	0.0	3	1.2
Bicyclist	3	0.2	0	0.0	2	0.8
Motor vehicle in transport	694	47.7	9	75.0	171	68.1
Parked motor vehicle	52	3.6	1	8.3	4	1.6
Railroad train	0	0.0	0	0.0	0	0.0
Animal	492	33.8	0	0.0	6	2.4
Other nonfixed object	20	1.4	0	0.0	6	2.4
Work zone/maintenance equipment	0	0.0	0	0.0	0	0.0
Cargo falling/shifting/anything set in motion by a motor vehicle	2	0.1	0	0.0	1	0.4
SUBTOTAL	1,267	87.0	10	83.3	193	76.9

UPPER PENINSULA DRIVER AGE 65 AND OVER (CONTINUED)

MOST HARMFUL EVENT IN A COLLISION WITH A FIXED OBJECT	ALL CRASHES		FATAL CRASHES		INJURY CRASHES	
	Number of Drivers	% of Total	Number of Drivers	% of Total	Number of Drivers	% of Total
Bridge pier/abutment/support	0	0.0	0	0.0	0	0.0
Bridge rail	0	0.0	0	0.0	0	0.0
Guardrail face	0	0.0	0	0.0	0	0.0
Guardrail end	2	0.1	0	0.0	1	0.4
Other post/pole/support	2	0.1	0	0.0	1	0.4
Culvert	3	0.2	0	0.0	1	0.4
Curb	2	0.1	0	0.0	1	0.4
Ditch	18	1.2	0	0.0	6	2.4
Embankment	4	0.3	0	0.0	1	0.4
Fence	0	0.0	0	0.0	0	0.0
Mailbox	2	0.1	0	0.0	0	0.0
Tree	37	2.5	2	16.7	14	5.6
Railroad crossing signal	1	0.1	0	0.0	0	0.0
Building	4	0.3	0	0.0	2	0.8
Traffic island	0	0.0	0	0.0	0	0.0
Fire hydrant	0	0.0	0	0.0	0	0.0
Impact attenuator	1	0.1	0	0.0	0	0.0
Other fixed object	3	0.2	0	0.0	0	0.0
Bridge overhead structure	0	0.0	0	0.0	0	0.0
Cable barrier	0	0.0	0	0.0	0	0.0
Concrete barrier	2	0.1	0	0.0	0	0.0
Traffic sign/post	13	0.9	0	0.0	3	1.2
Traffic signal equipment	1	0.1	0	0.0	0	0.0
Utility pole/light support	8	0.5	0	0.0	2	0.8
SUBTOTAL	103	7.1	2	16.7	32	12.7

For drivers age 65 and over in the Upper Peninsula, a tree is the fixed object associated with the highest proportion of all crashes (2.5%) and injury crashes (5.6%).

	ALL CRASHES		FATAL CRASHES		INJURY CRASHES	
	Number of Drivers	% of Total	Number of Drivers	% of Total	Number of Drivers	% of Total
Unknown Event	0	0.0	0	0.0	0	0.0
MOST HARMFUL EVENT TOTAL	1,456	100.0	12	100.0	251	100.0

UPPER PENINSULA DRIVER AGE 65 AND OVER (CONTINUED)

CRASH TYPE	ALL CRASHES		FATAL CRASHES		INJURY CRASHES	
	Number of Drivers	% of Total	Number of Drivers	% of Total	Number of Drivers	% of Total
Single Vehicle	655	45.0	2	16.7	63	25.1
Head On	17	1.2	3	25.0	8	3.2
Head On - Left Turn	41	2.8	1	8.3	18	7.2
Angle	275	18.9	4	33.3	82	32.7
Rear End	155	10.6	1	8.3	30	12.0
Rear End - Left Turn	13	0.9	0	0.0	2	0.8
Rear End - Right Turn	9	0.6	0	0.0	4	1.6
Sideswipe - Same Direction	122	8.4	0	0.0	10	4.0
Sideswipe - Opposite Directions	45	3.1	0	0.0	11	4.4
Backing	54	3.7	0	0.0	1	0.4
Other	67	4.6	1	8.3	22	8.8
Unknown	3	0.2	0	0.0	0	0.0
Uncoded & Errors	0	0.0	0	0.0	0	0.0
TOTAL	1,456	100.0	12	100.0	251	100.0

Single-vehicle crashes are the most common type of crash that drivers age 65 and over in the Upper Peninsula are involved in for all crashes (45.0%). Angle crashes are the most common crash type for these drivers to be involved in among injury (32.7%) crashes.

RELATIONSHIP TO ROADWAY (LOCATION OF FIRST IMPACT)	ALL CRASHES		FATAL CRASHES		INJURY CRASHES	
	Number of Drivers	% of Total	Number of Drivers	% of Total	Number of Drivers	% of Total
On Road	1,307	89.8	10	83.3	218	86.9
Median	6	0.4	0	0.0	2	0.8
Shoulder	40	2.7	0	0.0	9	3.6
Outside of Shoulder/Curb	63	4.3	2	16.7	21	8.4
Gore	2	0.1	0	0.0	1	0.4
On-Street Parking	21	1.4	0	0.0	0	0.0
Off the Roadway	0	0.0	0	0.0	0	0.0
On the Sidewalk	1	0.1	0	0.0	0	0.0
In the Bicycle Lane	0	0.0	0	0.0	0	0.0
Other/Unknown	16	1.1	0	0.0	0	0.0
Uncoded & Errors	0	0.0	0	0.0	0	0.0
TOTAL	1,456	100.0	12	100.0	251	100.0

Other than on the road crashes, drivers age 65 and over in the Upper Peninsula are most commonly involved in crashes where the first impact is outside the shoulder/curb for all crashes (4.3%) and injury crashes (8.4%).

ROADWAY TYPE	ALL CRASHES		FATAL CRASHES		INJURY CRASHES	
	Number of Drivers	% of Total	Number of Drivers	% of Total	Number of Drivers	% of Total
Interstate Routes	50	3.4	0	0.0	4	1.6
U.S. & Michigan Roads	870	59.8	7	58.3	151	60.2
County & City Roads	527	36.2	5	41.7	93	37.1
Uncoded & Errors	9	0.6	0	0.0	3	1.2
TOTAL	1,456	100.0	12	100.0	251	100.0

UPPER PENINSULA DRIVER AGE 65 AND OVER (CONTINUED)

TIME OF DAY	ALL CRASHES		FATAL CRASHES		INJURY CRASHES	
	Number of Drivers	% of Total	Number of Drivers	% of Total	Number of Drivers	% of Total
12:00 AM - 2:59 AM	16	1.1	1	8.3	0	0.0
3:00 AM - 5:59 AM	21	1.4	0	0.0	0	0.0
6:00 AM - 8:59 AM	114	7.8	0	0.0	15	6.0
9:00 AM - 11:59 AM	299	20.5	0	0.0	57	22.7
12:00 PM - 2:59 PM	346	23.8	4	33.3	78	31.1
3:00 PM - 5:59 PM	347	23.8	3	25.0	79	31.5
6:00 PM - 8:59 PM	213	14.6	4	33.3	16	6.4
9:00 PM - 11:59 PM	100	6.9	0	0.0	6	2.4
Unknown	0	0.0	0	0.0	0	0.0
TOTAL	1,456	100.0	12	100.0	251	100.0

For drivers age 65 and over in the Upper Peninsula, the 3:00 - 5:59 PM time period has the highest proportion of all crashes (23.8%) and injury crashes (31.5%).

HAZARDOUS ACTION	ALL CRASHES		FATAL CRASHES		INJURY CRASHES		HAZARDOUS CITATION ISSUED	
	Number of Drivers	% of Total	Number of Drivers	% of Total	Number of Drivers	% of Total	Number of Drivers	% of Total
None	874	60.0	4	33.3	104	41.4	0	0.0
Speed too fast	64	4.4	1	8.3	17	6.8	18	11.5
Speed too slow	0	0.0	0	0.0	0	0.0	0	0.0
Failed to yield	173	11.9	2	16.7	51	20.3	62	39.7
Disregard traffic control	33	2.3	0	0.0	11	4.4	17	10.9
Drove wrong way	2	0.1	0	0.0	1	0.4	0	0.0
Drove left of center	16	1.1	1	8.3	7	2.8	3	1.9
Improper passing	5	0.3	0	0.0	0	0.0	2	1.3
Improper lane use	19	1.3	0	0.0	1	0.4	3	1.9
Improper turn	31	2.1	0	0.0	4	1.6	6	3.8
Improper/no signal	0	0.0	0	0.0	0	0.0	0	0.0
Improper backing	39	2.7	0	0.0	0	0.0	1	0.6
Unable to stop in assured clear distance	64	4.4	0	0.0	11	4.4	16	10.3
Other	43	3.0	0	0.0	17	6.8	7	4.5
Unknown	29	2.0	2	16.7	2	0.8	0	0.0
Reckless driving	3	0.2	0	0.0	3	1.2	0	0.0
Careless/negligent driving	61	4.2	2	16.7	22	8.8	21	13.5
Uncoded & Errors	0	0.0	0	0.0	0	0.0	0	0.0
TOTAL	1,456	100.0	12	100.0	251	100.0	156	100.0

After no hazardous action, the second highest hazardous action category for drivers age 65 and over in the Upper Peninsula for all crashes (11.9%) and injury crashes (20.3%) occurs when the driver fails to yield.

UPPER PENINSULA DRIVER AGE 65 AND OVER (CONTINUED)

DAY OF WEEK	ALL CRASHES		FATAL CRASHES		INJURY CRASHES	
	Number of Drivers	% of Total	Number of Drivers	% of Total	Number of Drivers	% of Total
Monday	240	16.5	1	8.3	42	16.7
Tuesday	202	13.9	1	8.3	42	16.7
Wednesday	235	16.1	1	8.3	33	13.1
Thursday	222	15.2	3	25.0	41	16.3
Friday	259	17.8	3	25.0	55	21.9
Saturday	155	10.6	0	0.0	22	8.8
Sunday	143	9.8	3	25.0	16	6.4
TOTAL	1,456	100.0	12	100.0	251	100.0

DRIVER GENDER	ALL CRASHES		FATAL CRASHES		INJURY CRASHES	
	Number of Drivers	% of Total	Number of Drivers	% of Total	Number of Drivers	% of Total
Male	941	64.6	9	75.0	158	62.9
Female	515	35.4	3	25.0	93	37.1
Uncoded & Errors	0	0.0	0	0.0	0	0.0
TOTAL	1,456	100.0	12	100.0	251	100.0

For drivers age 65 and over in the Upper Peninsula, male drivers (75.0%) account for 3.0 times that of female drivers (25.0%) in fatal crashes.

NUMBER OF OCCUPANTS	ALL CRASHES		FATAL CRASHES		INJURY CRASHES	
	Number of Drivers	% of Total	Number of Drivers	% of Total	Number of Drivers	% of Total
1 occupant	1,134	77.9	9	75.0	178	70.9
2 occupants	281	19.3	2	16.7	66	26.3
3 occupants	22	1.5	0	0.0	4	1.6
4 occupants	7	0.5	0	0.0	2	0.8
5 occupants	4	0.3	0	0.0	1	0.4
6+ occupants	3	0.2	0	0.0	0	0.0
0 occupants	5	0.3	1	8.3	0	0.0
Uncoded & Errors	0	0.0	0	0.0	0	0.0
TOTAL	1,456	100.0	12	100.0	251	100.0

UPPER PENINSULA DRIVER AGE 65 AND OVER (CONTINUED)

VEHICLE TYPE	ALL CRASHES		FATAL CRASHES		INJURY CRASHES	
	Number of Drivers	% of Total	Number of Drivers	% of Total	Number of Drivers	% of Total
Passenger car, SUV, van	1,066	73.2	6	50.0	179	71.3
Motor home	8	0.5	0	0.0	1	0.4
Pickup truck	325	22.3	3	25.0	43	17.1
Small Truck under 10,000 lbs. GVWR	5	0.3	0	0.0	2	0.8
Motorcycle	15	1.0	1	8.3	12	4.8
Moped/goped	3	0.2	0	0.0	2	0.8
Go-cart/golf cart	0	0.0	0	0.0	0	0.0
Snowmobile	4	0.3	1	8.3	2	0.8
Off-Road Vehicle - ORV/All-Terrain Vehicle - ATV	3	0.2	0	0.0	3	1.2
Other	3	0.2	0	0.0	2	0.8
Uncoded & Errors	1	0.1	1	8.3	0	0.0
CDL Truck/Bus (breakdown below)	23	1.6	0	0.0	5	2.0
TOTAL	1,456	100.0	12	100.0	251	100.0

HEAVY TRUCK/BUS GROSS VEHICLE WEIGHT RATING	ALL CRASHES		FATAL CRASHES		INJURY CRASHES	
	Number of Drivers	% of Total	Number of Drivers	% of Total	Number of Drivers	% of Total
10,000 lbs. or less	0	0.0	0	0.0	0	0.0
10,001 - 26,000 lbs.	9	39.1	0	0.0	2	40.0
Greater than 26,000 lbs.	14	60.9	0	0.0	3	60.0
Uncoded & Errors	0	0.0	0	0.0	0	0.0
TOTAL	23	100.0	0	0.0	5	100.0