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	5	0	5	0	0	0	0	0	0	0	0	0
1	0	0	0	4	0	4	0	0	0	0	0	0	0	0	0
2	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0
3	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0
4	0	0	0	5	0	5	0	0	0	0	0	0	0	0	0
5	0	0	0	4	0	4	0	0	0	0	0	0	0	0	0
6	0	0	0	4	0	4	0	0	0	1	0	0	0	0	0
7	0	0	0	6	0	6	0	0	0	0	0	0	0	0	0
8	0	0	0	2	0	2	0	0	0	1	0	1	0	0	0
9	0	0	0	4	0	4	0	0	0	1	0	1	2	0	2
10	1	0	1	6	0	6	0	0	0	1	0	1	0	0	0
11	0	0	0	7	0	7	0	0	0	0	0	0	0	0	0
12	2	0	1	6	0	6	0	0	0	1	0	1	0	0	0
13	2	0	2	5	0	5	0	0	0	1	0	0	0	0	0
14	4	0	2	7	0	7	0	0	0	1	0	1	2	0	2
15	18	0	7	8	1	7	1	0	1	1	0	1	1	0	1
16	200	0	21	15	0	15	0	0	0	1	0	1	0	0	0
17	255	0	28	22	0	22	3	0	3	0	0	0	0	0	0
18	285	3	31	14	0	14	1	0	1	1	0	1	1	0	1
19	349	0	41	17	0	17	1	0	0	3	0	2	1	0	1
20	305	0	27	11	0	11	1	0	1	3	0	2	0	0	0
21	325	1	32	11	0	11	1	0	1	3	0	3	2	0	1
22	299	0	24	6	1	5	0	0	0	0	0	0	1	0	1
23	276	0	30	7	0	7	2	0	1	0	0	0	0	0	0
24	258	0	27	7	0	7	0	0	0	0	0	0	1	0	1
25	215	0	17	9	0	9	1	0	1	1	0	1	0	0	0
26	204	0	20	5	0	5	1	0	0	0	0	0	1	0	1
27	194	0	20	4	1	3	3	0	2	0	0	0	0	0	0
28	213	0	22	3	0	3	4	0	2	0	0	0	0	0	0
29	230	1	20	11	1	10	3	0	2	0	0	0	3	1	2
30	208	0	19	2	0	2	3	0	2	0	0	0	0	0	0
31	183	0	15	8	0	8	0	0	0	0	0	0	0	0	0
32	201	0	18	5	0	5	3	0	2	1	0	0	0	0	0
33	203	0	14	3	0	3	1	0	1	1	0	1	0	0	0
34	189	0	9	3	0	3	1	0	0	0	0	0	1	0	1
35	184	2	16	0	0	0	0	0	0	1	0	1	0	0	0
36	212	0	20	8	0	8	2	0	2	0	0	0	1	1	0
37	175	1	12	1	0	1	1	0	1	0	0	0	0	0	0

*Driver age is calculated from birth date, and invalid date of birth entry errors 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	174	0	16	4	0	4	0	0	0	0	0	0	0	0	0
39	199	0	17	7	0	7	4	0	1	1	0	1	0	0	0
40	175	1	14	2	0	2	2	0	2	2	0	2	1	0	0
41	181	0	19	0	0	0	1	0	1	0	0	0	0	0	0
42	173	0	14	3	0	3	1	0	1	0	0	0	1	1	0
43	168	0	11	4	0	4	2	0	0	0	0	0	0	0	0
44	167	0	13	5	0	5	2	0	2	0	0	0	0	0	0
45	152	0	12	2	0	2	4	0	3	0	0	0	0	0	0
46	168	0	14	1	0	1	2	0	1	0	0	0	0	0	0
47	201	0	17	5	0	5	2	0	2	0	0	0	0	0	0
48	201	0	15	8	0	8	2	0	1	0	0	0	2	0	1
49	167	0	16	8	0	8	3	0	1	0	0	0	0	0	0
50	182	0	8	3	0	3	4	0	2	1	0	1	1	0	0
51	175	0	9	7	0	7	2	0	1	0	0	0	1	0	1
52	197	1	17	5	0	5	3	0	2	0	0	0	0	0	0
53	191	0	13	5	0	5	0	0	0	0	0	0	0	0	0
54	168	3	15	5	0	5	1	0	0	0	0	0	0	0	0
55	212	1	17	3	0	3	3	1	1	1	0	1	0	0	0
56	213	1	25	2	0	2	5	1	3	2	0	2	1	0	1
57	205	2	21	3	0	3	6	2	2	0	0	0	0	0	0
58	231	0	14	4	0	4	1	0	1	1	0	1	0	0	0
59	218	2	18	3	0	3	1	0	1	1	0	1	2	0	2
60	207	0	15	3	0	3	1	0	1	1	0	1	2	0	2
61	182	0	12	4	0	4	3	0	3	0	0	0	0	0	0
62	211	1	18	6	0	6	4	0	2	0	0	0	0	0	0
63	173	4	10	1	0	1	1	1	0	1	0	0	0	0	0
64	170	1	13	4	0	4	0	0	0	0	0	0	0	0	0
65	181	0	15	5	0	5	1	0	1	1	0	1	0	0	0
66	163	0	15	3	0	3	1	0	1	0	0	0	0	0	0
67	166	0	17	3	0	3	1	0	1	0	0	0	0	0	0
68	129	0	12	1	0	1	5	0	4	0	0	0	0	0	0
69	134	1	16	3	0	3	2	0	1	0	0	0	2	0	2
70	125	0	11	2	0	2	0	0	0	0	0	0	1	0	0
71	128	0	12	2	0	2	1	0	0	0	0	0	0	0	0
72	96	0	7	3	0	3	3	0	3	0	0	0	0	0	0
73	103	0	8	0	0	0	0	0	0	0	0	0	1	0	1
74	78	0	10	1	0	1	0	0	0	0	0	0	0	0	0
75	77	1	5	2	0	2	0	0	0	0	0	0	0	0	0
76	95	1	7	1	0	1	0	0	0	0	0	0	1	0	1

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	74	0	4	1	0	1	0	0	0	0	0	0	0	0	0
78	76	1	8	5	1	4	2	1	0	0	0	0	0	0	0
79	67	1	6	3	0	3	0	0	0	0	0	0	0	0	0
80	54	0	7	4	1	3	0	0	0	0	0	0	0	0	0
81	44	0	7	3	0	3	0	0	0	0	0	0	0	0	0
82	43	1	6	0	0	0	0	0	0	0	0	0	0	0	0
83	35	0	3	3	0	3	0	0	0	0	0	0	0	0	0
84	38	0	5	1	0	1	0	0	0	0	0	0	0	0	0
85	33	0	2	2	0	2	0	0	0	0	0	0	0	0	0
86	27	0	3	1	0	1	0	0	0	0	0	0	0	0	0
87	20	0	1	1	0	1	0	0	0	0	0	0	0	0	0
88	10	0	1	0	0	0	0	0	0	0	0	0	0	0	0
89	18	0	3	1	0	1	0	0	0	0	0	0	0	0	0
90	11	0	1	0	0	0	0	0	0	0	0	0	0	0	0
91	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
92	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
93	5	0	2	0	0	0	0	0	0	0	0	0	0	0	0
94	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
95	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
96	2	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	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
101	0	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	722	0	0	0	0	0	4	0	0	2	0	0	1	0	0
TOTAL	13,024	31	1,093	407	6	401	113	6	68	37	0	29	34	3	25
	* Includes 774 drivers with unknown injury severity and 11,126 with no injury						* Includes 5 motorcyclists with unknown injury severity and 34 with no injury			* Includes 2 bicyclists with unknown injury severity and 6 with no injury			* Includes 1 pedestrian with unknown injury severity and 5 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	877	62.9	4	80.0	146	61.9
Turning left	104	7.5	1	20.0	21	8.9
Turning right	44	3.2	0	0.0	8	3.4
Stopped on roadway	50	3.6	0	0.0	6	2.5
In prior crash	0	0.0	0	0.0	0	0.0
Changing lanes	12	0.9	0	0.0	1	0.4
Backing	41	2.9	0	0.0	1	0.4
Slowing/stopping on roadway	109	7.8	0	0.0	18	7.6
Slowing/stopping other	3	0.2	0	0.0	2	0.8
Starting up on roadway	32	2.3	0	0.0	6	2.5
Starting up other	0	0.0	0	0.0	0	0.0
Entering parking	3	0.2	0	0.0	0	0.0
Leaving parking	8	0.6	0	0.0	2	0.8
Entering roadway	29	2.1	0	0.0	7	3.0
Leaving roadway	2	0.1	0	0.0	0	0.0
Making U-turn	1	0.1	0	0.0	1	0.4
Overtaking or passing	10	0.7	0	0.0	2	0.8
Avoiding object	2	0.1	0	0.0	0	0.0
Avoiding pedestrian	0	0.0	0	0.0	0	0.0
Avoiding vehicle (front/back)	12	0.9	0	0.0	2	0.8
Avoiding vehicle (angle)	5	0.4	0	0.0	2	0.8
Driverless moving	0	0.0	0	0.0	0	0.0
Parked	10	0.7	0	0.0	0	0.0
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	1	0.1	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	0	0.0	0	0.0
Unknown	2	0.1	0	0.0	0	0.0
Avoiding animal	6	0.4	0	0.0	1	0.4
Negotiating a curve	28	2.0	0	0.0	10	4.2
Uncoded & Errors	0	0.0	0	0.0	0	0.0
TOTAL	1,394	100.0	5	100.0	236	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	35	2.5	0	0.0	6	2.5
Cross center/median	4	0.3	0	0.0	1	0.4
Ran off road left	5	0.4	0	0.0	1	0.4
Ran off road right	12	0.9	0	0.0	4	1.7
Re-enter road	0	0.0	0	0.0	0	0.0
Overturn	60	4.3	1	20.0	23	9.7
Separation of units	2	0.1	0	0.0	0	0.0
Fire/explosion	1	0.1	0	0.0	0	0.0
Immersion	1	0.1	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 off	4	0.3	0	0.0	3	1.3
Other noncollision	4	0.3	0	0.0	2	0.8
SUBTOTAL	128	9.2	1	20.0	40	16.9

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 (4.3%) and injury crashes (9.7%).

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	5	0.4	1	20.0	4	1.7
Bicyclist	3	0.2	0	0.0	3	1.3
Motor vehicle in transport	807	57.9	2	40.0	140	59.3
Parked motor vehicle	62	4.4	0	0.0	8	3.4
Railway train	0	0.0	0	0.0	0	0.0
Animal	189	13.6	0	0.0	2	0.8
Other nonfixed objects	12	0.9	0	0.0	3	1.3
SUBTOTAL	1,078	77.3	3	60.0	160	67.8

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	0	0.0	0	0.0	0	0.0
Bridge rail	1	0.1	0	0.0	1	0.4
Guardrail face	11	0.8	0	0.0	1	0.4
Guardrail end	5	0.4	0	0.0	2	0.8
Median barrier	1	0.1	0	0.0	0	0.0
Highway traffic sign post	15	1.1	0	0.0	0	0.0
Highway signal post	0	0.0	0	0.0	0	0.0
Luminaire/light support	15	1.1	0	0.0	4	1.7
Other pole	7	0.5	0	0.0	0	0.0
Culvert	2	0.1	0	0.0	1	0.4
Curb	3	0.2	0	0.0	0	0.0
Ditch	48	3.4	0	0.0	9	3.8
Embankment	10	0.7	0	0.0	0	0.0
Fence	1	0.1	0	0.0	0	0.0
Mailbox	3	0.2	0	0.0	0	0.0
Tree	53	3.8	1	20.0	16	6.8
Rail crossing signal	0	0.0	0	0.0	0	0.0
Building	0	0.0	0	0.0	0	0.0
Traffic island	0	0.0	0	0.0	0	0.0
Fire hydrant	2	0.1	0	0.0	0	0.0
Impact attenuator	1	0.1	0	0.0	1	0.4
Other fixed object	4	0.3	0	0.0	0	0.0
SUBTOTAL	182	13.1	1	20.0	35	14.8

For drivers age 16-20 in the Upper Peninsula, a tree is the fixed object associated with the highest proportion of all crashes (3.8%) and injury crashes (6.8%).

	ALL CRASHES		FATAL CRASHES		INJURY CRASHES	
	Number of Drivers	% of Total	Number of Drivers	% of Total	Number of Drivers	% of Total
Uncoded & Errors	6	0.4	0	0.0	1	0.4
No event coded as most harmful	0	0.0	0	0.0	0	0.0
TOTAL	1,394	100.0	5	100.0	236	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	482	34.6	3	60.0	78	33.1
Head On	25	1.8	0	0.0	7	3.0
Head On - Left Turn	24	1.7	0	0.0	6	2.5
Angle	348	25.0	2	40.0	61	25.8
Rear End	268	19.2	0	0.0	44	18.6
Rear End - Left Turn	34	2.4	0	0.0	8	3.4
Rear End - Right Turn	7	0.5	0	0.0	2	0.8
Sideswipe - Same Direction	78	5.6	0	0.0	10	4.2
Sideswipe - Opposite Direction	47	3.4	0	0.0	10	4.2
Backing	39	2.8	0	0.0	2	0.8
Other	38	2.7	0	0.0	8	3.4
Unknown	4	0.3	0	0.0	0	0.0
Uncoded & Errors	0	0.0	0	0.0	0	0.0
TOTAL	1,394	100.0	5	100.0	236	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 (34.6%) and injury crashes (33.1%).

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	1,153	82.7	4	80.0	183	77.5
Median	10	0.7	0	0.0	2	0.8
Shoulder	70	5.0	1	20.0	12	5.1
Outside of Shoulder/Curb	133	9.5	0	0.0	35	14.8
Gore	6	0.4	0	0.0	2	0.8
On-Street Parking	19	1.4	0	0.0	1	0.4
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	2	0.1	0	0.0	1	0.4
Uncoded & Errors	0	0.0	0	0.0	0	0.0
TOTAL	1,394	100.0	5	100.0	236	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 (9.5%) and injury crashes (14.8%).

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	61	4.4	2	40.0	8	3.4
U.S. & Michigan Roads	640	45.9	1	20.0	113	47.9
County & City Roads	681	48.9	2	40.0	114	48.3
Uncoded & Errors	12	0.9	0	0.0	1	0.4
TOTAL	1,394	100.0	5	100.0	236	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	50	3.6	1	20.0	12	5.1
3:00 AM - 5:59 AM	44	3.2	1	20.0	10	4.2
6:00 AM - 8:59 AM	154	11.0	0	0.0	22	9.3
9:00 AM - 11:59 AM	166	11.9	0	0.0	28	11.9
12:00 PM - 2:59 PM	263	18.9	2	40.0	41	17.4
3:00 PM - 5:59 PM	341	24.5	0	0.0	66	28.0
6:00 PM - 8:59 PM	219	15.7	1	20.0	35	14.8
9:00 PM - 11:59 PM	156	11.2	0	0.0	22	9.3
Unknown	1	0.1	0	0.0	0	0.0
TOTAL	1,394	100.0	5	100.0	236	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 (24.5%) and injury crashes (28.0%).

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	547	39.2	2	40.0	75	31.8	1	0.4
Speed too fast	218	15.6	1	20.0	39	16.5	83	31.9
Speed too slow	1	0.1	0	0.0	0	0.0	0	0.0
Failed to yield	176	12.6	0	0.0	31	13.1	66	25.4
Disregard traffic control	17	1.2	0	0.0	5	2.1	13	5.0
Drove wrong way	1	0.1	0	0.0	1	0.4	0	0.0
Drove left of center	6	0.4	0	0.0	1	0.4	2	0.8
Improper passing	3	0.2	0	0.0	0	0.0	1	0.4
Improper lane use	21	1.5	1	20.0	0	0.0	4	1.5
Improper turn	13	0.9	0	0.0	3	1.3	2	0.8
Improper/no signal	2	0.1	0	0.0	1	0.4	0	0.0
Improper backing	31	2.2	0	0.0	0	0.0	1	0.4
Unable to stop in assured clear distance	196	14.1	0	0.0	28	11.9	42	16.2
Other	47	3.4	0	0.0	12	5.1	7	2.7
Unknown	33	2.4	0	0.0	4	1.7	2	0.8
Reckless driving	6	0.4	0	0.0	3	1.3	4	1.5
Careless/negligent driving	76	5.5	1	20.0	33	14.0	32	12.3
Uncoded & Errors	0	0.0	0	0.0	0	0.0	0	0.0
TOTAL	1,394	100.0	5	100.0	236	100.0	260	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 (15.6%) and injury crashes (16.5%).

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	183	13.1	1	20.0	22	9.3
Tuesday	195	14.0	0	0.0	28	11.9
Wednesday	223	16.0	0	0.0	39	16.5
Thursday	216	15.5	1	20.0	43	18.2
Friday	241	17.3	1	20.0	39	16.5
Saturday	175	12.6	2	40.0	33	14.0
Sunday	161	11.5	0	0.0	32	13.6
TOTAL	1,394	100.0	5	100.0	236	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	776	55.7	3	60.0	128	54.2
Female	618	44.3	2	40.0	108	45.8
Uncoded & Errors	0	0.0	0	0.0	0	0.0
TOTAL	1,394	100.0	5	100.0	236	100.0

Male drivers make up 55.7 percent of drivers in all crashes in the Upper Peninsula and 54.2 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	1,009	72.4	2	40.0	150	63.6
2 occupants	265	19.0	1	20.0	59	25.0
3 occupants	75	5.4	2	40.0	20	8.5
4 occupants	30	2.2	0	0.0	5	2.1
5 occupants	9	0.6	0	0.0	2	0.8
6+ occupants	0	0.0	0	0.0	0	0.0
0 occupants	6	0.4	0	0.0	0	0.0
Uncoded & Errors	0	0.0	0	0.0	0	0.0
TOTAL	1,394	100.0	5	100.0	236	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	1,110	79.6	3	60.0	183	77.5
Motor home	0	0.0	0	0.0	0	0.0
Pickup truck	245	17.6	2	40.0	31	13.1
Small Truck under 10,000 lbs. GVWR	6	0.4	0	0.0	2	0.8
Motorcycle	5	0.4	0	0.0	5	2.1
Moped/goped	0	0.0	0	0.0	0	0.0
Go-cart/golf cart	1	0.1	0	0.0	0	0.0
Snowmobile	9	0.6	0	0.0	8	3.4
Off-Road Vehicle - ORV/All-Terrain Vehicle - ATV	8	0.6	0	0.0	6	2.5
Other	2	0.1	0	0.0	0	0.0
Uncoded & Errors	0	0.0	0	0.0	0	0.0
CDL Truck/Bus (breakdown below)	8	0.6	0	0.0	1	0.4
TOTAL	1,394	100.0	5	100.0	236	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.	6	75.0	0	0.0	0	0.0
Greater than 26,000 lbs.	2	25.0	0	0.0	1	100.0
Uncoded & Errors	0	0.0	0	0.0	0	0.0
TOTAL	8	100.0	0	0.0	1	100.0

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	6,092	69.0	33	86.8	810	65.0
Turning left	452	5.1	0	0.0	104	8.3
Turning right	236	2.7	0	0.0	19	1.5
Stopped on roadway	448	5.1	0	0.0	60	4.8
In prior crash	2	0.0	0	0.0	1	0.1
Changing lanes	56	0.6	0	0.0	7	0.6
Backing	312	3.5	0	0.0	11	0.9
Slowing/stopping on roadway	423	4.8	0	0.0	81	6.5
Slowing/stopping other	14	0.2	0	0.0	3	0.2
Starting up on roadway	144	1.6	0	0.0	24	1.9
Starting up other	5	0.1	1	2.6	0	0.0
Entering parking	16	0.2	0	0.0	1	0.1
Leaving parking	31	0.4	0	0.0	5	0.4
Entering roadway	104	1.2	0	0.0	26	2.1
Leaving roadway	19	0.2	0	0.0	5	0.4
Making U-turn	18	0.2	0	0.0	5	0.4
Overtaking or passing	68	0.8	0	0.0	12	1.0
Avoiding object	5	0.1	0	0.0	1	0.1
Avoiding pedestrian	1	0.0	0	0.0	1	0.1
Avoiding vehicle (front/back)	50	0.6	0	0.0	17	1.4
Avoiding vehicle (angle)	24	0.3	0	0.0	8	0.6
Driverless moving	1	0.0	0	0.0	0	0.0
Parked	104	1.2	0	0.0	6	0.5
Crossing at intersection	2	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	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	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	1	0.0	0	0.0	1	0.1
Other	12	0.1	0	0.0	3	0.2
Unknown	14	0.2	1	2.6	6	0.5
Avoiding animal	37	0.4	0	0.0	3	0.2
Negotiating a curve	137	1.6	3	7.9	26	2.1
Uncoded & Errors	1	0.0	0	0.0	0	0.0
TOTAL	8,830	100.0	38	100.0	1,246	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	117	1.3	0	0.0	23	1.8
Cross center/median	22	0.2	0	0.0	2	0.2
Ran off road left	39	0.4	0	0.0	4	0.3
Ran off road right	66	0.7	0	0.0	11	0.9
Re-enter road	12	0.1	0	0.0	0	0.0
Overturn	210	2.4	4	10.5	91	7.3
Separation of units	7	0.1	0	0.0	0	0.0
Fire/explosion	14	0.2	0	0.0	1	0.1
Immersion	0	0.0	0	0.0	0	0.0
Jackknife	12	0.1	0	0.0	0	0.0
Downhill runaway	0	0.0	0	0.0	0	0.0
Cargo loss/shift	12	0.1	0	0.0	1	0.1
Individual fell off	14	0.2	0	0.0	12	1.0
Other noncollision	23	0.3	0	0.0	3	0.2
SUBTOTAL	548	6.2	4	10.5	148	11.9

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 (2.4%) and injury crashes (7.3%).

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	16	0.2	2	5.3	12	1.0
Bicyclist	24	0.3	0	0.0	19	1.5
Motor vehicle in transport	4,186	47.4	21	55.3	846	67.9
Parked motor vehicle	300	3.4	0	0.0	20	1.6
Railway train	4	0.0	0	0.0	2	0.2
Animal	2,739	31.0	0	0.0	45	3.6
Other nonfixed objects	141	1.6	0	0.0	9	0.7
SUBTOTAL	7,410	83.9	23	60.5	953	76.5

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	2	0.0	0	0.0	0	0.0
Bridge rail	7	0.1	0	0.0	0	0.0
Guardrail face	45	0.5	0	0.0	9	0.7
Guardrail end	7	0.1	0	0.0	2	0.2
Median barrier	7	0.1	0	0.0	1	0.1
Highway traffic sign post	71	0.8	0	0.0	2	0.2
Highway signal post	2	0.0	0	0.0	0	0.0
Luminaire/light support	66	0.7	2	5.3	11	0.9
Other pole	20	0.2	0	0.0	2	0.2
Culvert	7	0.1	0	0.0	2	0.2
Curb	16	0.2	0	0.0	0	0.0
Ditch	186	2.1	1	2.6	31	2.5
Embankment	70	0.8	0	0.0	11	0.9
Fence	8	0.1	0	0.0	1	0.1
Mailbox	32	0.4	0	0.0	1	0.1
Tree	204	2.3	8	21.1	54	4.3
Rail crossing signal	1	0.0	0	0.0	0	0.0
Building	11	0.1	0	0.0	3	0.2
Traffic island	0	0.0	0	0.0	0	0.0
Fire hydrant	3	0.0	0	0.0	0	0.0
Impact attenuator	1	0.0	0	0.0	0	0.0
Other fixed object	57	0.6	0	0.0	7	0.6
SUBTOTAL	823	9.3	11	28.9	137	11.0

For drivers age 21-64 in the Upper Peninsula, a tree is the fixed object associated with the highest proportion of all crashes (2.3%), fatal crashes (21.1%), and injury crashes (4.3%).

	ALL CRASHES		FATAL CRASHES		INJURY CRASHES	
	Number of Drivers	% of Total	Number of Drivers	% of Total	Number of Drivers	% of Total
Uncoded & Errors	49	0.6	0	0.0	8	0.6
No event coded as most harmful	0	0.0	0	0.0	0	0.0
TOTAL	8,830	100.0	38	100.0	1,246	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	4,039	45.7	16	42.1	331	26.6
Head On	117	1.3	5	13.2	55	4.4
Head On - Left Turn	156	1.8	1	2.6	68	5.5
Angle	1,568	17.8	12	31.6	371	29.8
Rear End	1,198	13.6	0	0.0	235	18.9
Rear End - Left Turn	127	1.4	0	0.0	24	1.9
Rear End - Right Turn	74	0.8	0	0.0	10	0.8
Sideswipe - Same Direction	558	6.3	0	0.0	42	3.4
Sideswipe - Opposite Direction	306	3.5	4	10.5	45	3.6
Backing	282	3.2	0	0.0	5	0.4
Other	373	4.2	0	0.0	56	4.5
Unknown	32	0.4	0	0.0	4	0.3
Uncoded & Errors	0	0.0	0	0.0	0	0.0
TOTAL	8,830	100.0	38	100.0	1,246	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 (45.7%) and fatal crashes (42.1%). Among injury crashes, angle crashes (29.8%) are the most common crash type for this age group.

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	7,788	88.2	28	73.7	1,051	84.3
Median	46	0.5	1	2.6	7	0.6
Shoulder	358	4.1	2	5.3	55	4.4
Outside of Shoulder/Curb	472	5.3	6	15.8	113	9.1
Gore	22	0.2	1	2.6	6	0.5
On-Street Parking	95	1.1	0	0.0	3	0.2
Off the Roadway	0	0.0	0	0.0	0	0.0
On the Sidewalk	8	0.1	0	0.0	2	0.2
In the Bicycle Lane	2	0.0	0	0.0	0	0.0
Other/Unknown	38	0.4	0	0.0	9	0.7
Uncoded & Errors	1	0.0	0	0.0	0	0.0
TOTAL	8,830	100.0	38	100.0	1,246	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 (5.3%), fatal crashes (15.8%), and injury crashes (9.1%).

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	390	4.4	3	7.9	54	4.3
U.S. & Michigan Roads	4,823	54.6	17	44.7	707	56.7
County & City Roads	3,546	40.2	18	47.4	476	38.2
Uncoded & Errors	71	0.8	0	0.0	9	0.7
TOTAL	8,830	100.0	38	100.0	1,246	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	334	3.8	3	7.9	44	3.5
3:00 AM - 5:59 AM	360	4.1	1	2.6	38	3.0
6:00 AM - 8:59 AM	1,306	14.8	4	10.5	154	12.4
9:00 AM - 11:59 AM	1,293	14.6	5	13.2	176	14.1
12:00 PM - 2:59 PM	1,614	18.3	9	23.7	282	22.6
3:00 PM - 5:59 PM	1,823	20.6	7	18.4	321	25.8
6:00 PM - 8:59 PM	1,320	14.9	3	7.9	170	13.6
9:00 PM - 11:59 PM	774	8.8	6	15.8	61	4.9
Unknown	6	0.1	0	0.0	0	0.0
TOTAL	8,830	100.0	38	100.0	1,246	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 (20.6%) and injury crashes (25.8%). The 12:00 - 2:59 PM time period has the highest proportion of fatal crashes (23.7%).

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	5,490	62.2	13	34.2	595	47.8	8	0.9
Speed too fast	801	9.1	5	13.2	145	11.6	218	24.5
Speed too slow	2	0.0	0	0.0	1	0.1	0	0.0
Failed to yield	591	6.7	2	5.3	152	12.2	195	22.0
Disregard traffic control	101	1.1	2	5.3	38	3.0	60	6.8
Drove wrong way	4	0.0	0	0.0	1	0.1	1	0.1
Drove left of center	43	0.5	2	5.3	5	0.4	12	1.4
Improper passing	38	0.4	0	0.0	6	0.5	9	1.0
Improper lane use	77	0.9	0	0.0	6	0.5	14	1.6
Improper turn	74	0.8	0	0.0	8	0.6	14	1.6
Improper/no signal	11	0.1	0	0.0	1	0.1	0	0.0
Improper backing	211	2.4	0	0.0	6	0.5	14	1.6
Unable to stop in assured clear distance	581	6.6	0	0.0	101	8.1	122	13.7
Other	268	3.0	4	10.5	51	4.1	51	5.7
Unknown	211	2.4	8	21.1	26	2.1	6	0.7
Reckless driving	32	0.4	1	2.6	20	1.6	17	1.9
Careless/negligent driving	293	3.3	1	2.6	84	6.7	147	16.6
Uncoded & Errors	2	0.0	0	0.0	0	0.0	0	0.0
TOTAL	8,830	100.0	38	100.0	1,246	100.0	888	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 (9.1%) and fatal crashes (13.2%) and failed to yield for drivers in injury crashes (12.2%).

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	1,300	14.7	9	23.7	177	14.2
Tuesday	1,205	13.6	4	10.5	159	12.8
Wednesday	1,427	16.2	3	7.9	194	15.6
Thursday	1,360	15.4	10	26.3	203	16.3
Friday	1,428	16.2	7	18.4	198	15.9
Saturday	1,150	13.0	3	7.9	183	14.7
Sunday	960	10.9	2	5.3	132	10.6
TOTAL	8,830	100.0	38	100.0	1,246	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	5,273	59.7	34	89.5	724	58.1
Female	3,555	40.3	4	10.5	522	41.9
Uncoded & Errors	2	0.0	0	0.0	0	0.0
TOTAL	8,830	100.0	38	100.0	1,246	100.0

For drivers age 21-64 in the Upper Peninsula, male drivers (89.5%) account for 8.5 times that of female drivers (10.5%) 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	6,893	78.1	33	86.8	862	69.2
2 occupants	1,308	14.8	4	10.5	262	21.0
3 occupants	334	3.8	0	0.0	70	5.6
4 occupants	156	1.8	0	0.0	30	2.4
5 occupants	47	0.5	1	2.6	14	1.1
6+ occupants	39	0.4	0	0.0	6	0.5
0 occupants	53	0.6	0	0.0	2	0.2
Uncoded & Errors	0	0.0	0	0.0	0	0.0
TOTAL	8,830	100.0	38	100.0	1,246	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	6,118	69.3	15	39.5	809	64.9
Motor home	13	0.1	0	0.0	1	0.1
Pickup truck	2,072	23.5	9	23.7	268	21.5
Small Truck under 10,000 lbs. GVWR	30	0.3	0	0.0	1	0.1
Motorcycle	78	0.9	5	13.2	50	4.0
Moped/goped	4	0.0	0	0.0	3	0.2
Go-cart/golf cart	0	0.0	0	0.0	0	0.0
Snowmobile	66	0.7	4	10.5	51	4.1
Off-Road Vehicle - ORV/All-Terrain Vehicle - ATV	31	0.4	1	2.6	21	1.7
Other	58	0.7	0	0.0	2	0.2
Uncoded & Errors	2	0.0	0	0.0	0	0.0
CDL Truck/Bus (breakdown below)	358	4.1	4	10.5	40	3.2
TOTAL	8,830	100.0	38	100.0	1,246	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	8	2.2	0	0.0	0	0.0
10,001 - 26,000 lbs.	123	34.4	0	0.0	7	17.5
Greater than 26,000 lbs.	225	62.8	4	100.0	33	82.5
Uncoded & Errors	2	0.6	0	0.0	0	0.0
TOTAL	358	100.0	4	100.0	40	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	1,309	63.8	4	44.4	171	54.3
Turning left	152	7.4	1	11.1	35	11.1
Turning right	70	3.4	1	11.1	8	2.5
Stopped on roadway	103	5.0	0	0.0	22	7.0
In prior crash	1	0.0	0	0.0	1	0.3
Changing lanes	31	1.5	0	0.0	3	1.0
Backing	85	4.1	0	0.0	4	1.3
Slowing/stopping on roadway	86	4.2	0	0.0	25	7.9
Slowing/stopping other	9	0.4	0	0.0	1	0.3
Starting up on roadway	45	2.2	0	0.0	8	2.5
Starting up other	0	0.0	0	0.0	0	0.0
Entering parking	8	0.4	0	0.0	0	0.0
Leaving parking	8	0.4	0	0.0	2	0.6
Entering roadway	44	2.1	2	22.2	12	3.8
Leaving roadway	8	0.4	1	11.1	3	1.0
Making U-turn	4	0.2	0	0.0	2	0.6
Overtaking or passing	11	0.5	0	0.0	3	1.0
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)	12	0.6	0	0.0	3	1.0
Avoiding vehicle (angle)	3	0.1	0	0.0	1	0.3
Driverless moving	0	0.0	0	0.0	0	0.0
Parked	22	1.1	0	0.0	2	0.6
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	9	0.4	0	0.0	4	1.3
Unknown	3	0.1	0	0.0	0	0.0
Avoiding animal	4	0.2	0	0.0	0	0.0
Negotiating a curve	24	1.2	0	0.0	5	1.6
Uncoded & Errors	0	0.0	0	0.0	0	0.0
TOTAL	2,051	100.0	9	100.0	315	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	23	1.1	0	0.0	4	1.3
Cross center/median	2	0.1	0	0.0	0	0.0
Ran off road left	8	0.4	0	0.0	3	1.0
Ran off road right	15	0.7	0	0.0	2	0.6
Re-enter road	3	0.1	0	0.0	1	0.3
Overturn	22	1.1	3	33.3	10	3.2
Separation of units	2	0.1	0	0.0	0	0.0
Fire/explosion	3	0.1	0	0.0	0	0.0
Immersion	0	0.0	0	0.0	0	0.0
Jackknife	1	0.0	0	0.0	0	0.0
Downhill runaway	0	0.0	0	0.0	0	0.0
Cargo loss/shift	3	0.1	0	0.0	0	0.0
Individual fell off	2	0.1	1	11.1	1	0.3
Other noncollision	4	0.2	0	0.0	0	0.0
SUBTOTAL	88	4.3	4	44.4	21	6.7

For drivers age 65 and over in the Upper Peninsula, loss of control is the most common harmful event in a noncollision for all crashes (1.1%), and overturn is the most common harmful event in a noncollision for injury crashes (3.2%).

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	6	0.3	0	0.0	3	1.0
Bicyclist	6	0.3	0	0.0	4	1.3
Motor vehicle in transport	1,045	51.0	5	55.6	232	73.7
Parked motor vehicle	91	4.4	0	0.0	2	0.6
Railway train	0	0.0	0	0.0	0	0.0
Animal	630	30.7	0	0.0	8	2.5
Other nonfixed objects	29	1.4	0	0.0	1	0.3
SUBTOTAL	1,807	88.1	5	55.6	250	79.4

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	1	0.0	0	0.0	0	0.0
Bridge rail	1	0.0	0	0.0	1	0.3
Guardrail face	5	0.2	0	0.0	4	1.3
Guardrail end	1	0.0	0	0.0	1	0.3
Median barrier	2	0.1	0	0.0	0	0.0
Highway traffic sign post	13	0.6	0	0.0	2	0.6
Highway signal post	1	0.0	0	0.0	0	0.0
Luminaire/light support	11	0.5	0	0.0	4	1.3
Other pole	4	0.2	0	0.0	1	0.3
Culvert	1	0.0	0	0.0	1	0.3
Curb	3	0.1	0	0.0	1	0.3
Ditch	29	1.4	0	0.0	7	2.2
Embankment	14	0.7	0	0.0	2	0.6
Fence	1	0.0	0	0.0	1	0.3
Mailbox	5	0.2	0	0.0	1	0.3
Tree	38	1.9	0	0.0	13	4.1
Rail crossing signal	0	0.0	0	0.0	0	0.0
Building	2	0.1	0	0.0	1	0.3
Traffic island	1	0.0	0	0.0	0	0.0
Fire hydrant	0	0.0	0	0.0	0	0.0
Impact attenuator	0	0.0	0	0.0	0	0.0
Other fixed object	9	0.4	0	0.0	2	0.6
SUBTOTAL	142	6.9	0	0.0	42	13.3

For drivers age 65 and over in the Upper Peninsula, a tree is the fixed object associated with the highest proportion of all crashes (1.9%) and injury crashes (4.1%).

	ALL CRASHES		FATAL CRASHES		INJURY CRASHES	
	Number of Drivers	% of Total	Number of Drivers	% of Total	Number of Drivers	% of Total
Uncoded & Errors	14	0.7	0	0.0	2	0.6
No event coded as most harmful	0	0.0	0	0.0	0	0.0
TOTAL	2,051	100.0	9	100.0	315	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	840	41.0	4	44.4	66	21.0
Head On	23	1.1	1	11.1	11	3.5
Head On - Left Turn	54	2.6	1	11.1	18	5.7
Angle	449	21.9	3	33.3	113	35.9
Rear End	232	11.3	0	0.0	56	17.8
Rear End - Left Turn	29	1.4	0	0.0	6	1.9
Rear End - Right Turn	9	0.4	0	0.0	2	0.6
Sideswipe - Same Direction	169	8.2	0	0.0	10	3.2
Sideswipe - Opposite Direction	69	3.4	0	0.0	9	2.9
Backing	77	3.8	0	0.0	1	0.3
Other	94	4.6	0	0.0	23	7.3
Unknown	6	0.3	0	0.0	0	0.0
Uncoded & Errors	0	0.0	0	0.0	0	0.0
TOTAL	2,051	100.0	9	100.0	315	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 (41.0%). Angle crashes are the most common crash type for these drivers to be involved in among injury (35.9%) 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	1,847	90.1	6	66.7	262	83.2
Median	4	0.2	0	0.0	1	0.3
Shoulder	72	3.5	2	22.2	21	6.7
Outside of Shoulder/Curb	89	4.3	1	11.1	25	7.9
Gore	6	0.3	0	0.0	1	0.3
On-Street Parking	25	1.2	0	0.0	4	1.3
Off the Roadway	0	0.0	0	0.0	0	0.0
On the Sidewalk	3	0.1	0	0.0	1	0.3
In the Bicycle Lane	0	0.0	0	0.0	0	0.0
Other/Unknown	5	0.2	0	0.0	0	0.0
Uncoded & Errors	0	0.0	0	0.0	0	0.0
TOTAL	2,051	100.0	9	100.0	315	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 (7.9%).

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	90	4.4	0	0.0	13	4.1
U.S. & Michigan Roads	1,164	56.8	8	88.9	191	60.6
County & City Roads	780	38.0	1	11.1	109	34.6
Uncoded & Errors	17	0.8	0	0.0	2	0.6
TOTAL	2,051	100.0	9	100.0	315	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	35	1.7	0	0.0	3	1.0
3:00 AM - 5:59 AM	32	1.6	0	0.0	3	1.0
6:00 AM - 8:59 AM	196	9.6	1	11.1	20	6.3
9:00 AM - 11:59 AM	451	22.0	0	0.0	70	22.2
12:00 PM - 2:59 PM	527	25.7	3	33.3	98	31.1
3:00 PM - 5:59 PM	435	21.2	3	33.3	82	26.0
6:00 PM - 8:59 PM	246	12.0	1	11.1	32	10.2
9:00 PM - 11:59 PM	129	6.3	1	11.1	7	2.2
Unknown	0	0.0	0	0.0	0	0.0
TOTAL	2,051	100.0	9	100.0	315	100.0

For drivers age 65 and over in the Upper Peninsula, the 12:00 - 2:59 PM time period has the highest proportion of all crashes (25.7%) and injury crashes (31.1%).

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	1,206	58.8	1	11.1	135	42.9	1	0.5
Speed too fast	96	4.7	1	11.1	22	7.0	18	9.2
Speed too slow	0	0.0	0	0.0	0	0.0	0	0.0
Failed to yield	266	13.0	3	33.3	71	22.5	88	45.1
Disregard traffic control	29	1.4	0	0.0	10	3.2	15	7.7
Drove wrong way	3	0.1	0	0.0	2	0.6	0	0.0
Drove left of center	12	0.6	1	11.1	3	1.0	2	1.0
Improper passing	10	0.5	0	0.0	1	0.3	3	1.5
Improper lane use	40	2.0	0	0.0	6	1.9	8	4.1
Improper turn	26	1.3	0	0.0	3	1.0	6	3.1
Improper/no signal	4	0.2	0	0.0	0	0.0	1	0.5
Improper backing	66	3.2	0	0.0	1	0.3	3	1.5
Unable to stop in assured clear distance	112	5.5	0	0.0	26	8.3	23	11.8
Other	67	3.3	0	0.0	12	3.8	8	4.1
Unknown	52	2.5	2	22.2	6	1.9	1	0.5
Reckless driving	2	0.1	0	0.0	1	0.3	2	1.0
Careless/negligent driving	60	2.9	1	11.1	16	5.1	16	8.2
Uncoded & Errors	0	0.0	0	0.0	0	0.0	0	0.0
TOTAL	2,051	100.0	9	100.0	315	100.0	195	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 (13.0%) and injury crashes (22.5%) 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	331	16.1	0	0.0	66	21.0
Tuesday	309	15.1	2	22.2	45	14.3
Wednesday	372	18.1	2	22.2	55	17.5
Thursday	316	15.4	1	11.1	36	11.4
Friday	309	15.1	1	11.1	46	14.6
Saturday	241	11.8	2	22.2	38	12.1
Sunday	173	8.4	1	11.1	29	9.2
TOTAL	2,051	100.0	9	100.0	315	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	1,309	63.8	9	100.0	206	65.4
Female	741	36.1	0	0.0	109	34.6
Uncoded & Errors	1	0.0	0	0.0	0	0.0
TOTAL	2,051	100.0	9	100.0	315	100.0

For drivers age 65 and over in the Upper Peninsula, all nine drivers in fatal crashes were male.

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	1,587	77.4	7	77.8	228	72.4
2 occupants	402	19.6	2	22.2	71	22.5
3 occupants	33	1.6	0	0.0	10	3.2
4 occupants	11	0.5	0	0.0	2	0.6
5 occupants	4	0.2	0	0.0	1	0.3
6+ occupants	4	0.2	0	0.0	1	0.3
0 occupants	10	0.5	0	0.0	2	0.6
Uncoded & Errors	0	0.0	0	0.0	0	0.0
TOTAL	2,051	100.0	9	100.0	315	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	1,495	72.9	5	55.6	222	70.5
Motor home	7	0.3	0	0.0	2	0.6
Pickup truck	479	23.4	1	11.1	62	19.7
Small Truck under 10,000 lbs. GVWR	7	0.3	0	0.0	1	0.3
Motorcycle	14	0.7	1	11.1	10	3.2
Moped/goped	1	0.0	0	0.0	1	0.3
Go-cart/golf cart	0	0.0	0	0.0	0	0.0
Snowmobile	9	0.4	1	11.1	8	2.5
Off-Road Vehicle - ORV/All-Terrain Vehicle - ATV	5	0.2	1	11.1	3	1.0
Other	4	0.2	0	0.0	1	0.3
Uncoded & Errors	0	0.0	0	0.0	0	0.0
CDL Truck/Bus (breakdown below)	30	1.5	0	0.0	5	1.6
TOTAL	2,051	100.0	9	100.0	315	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.	12	40.0	0	0.0	2	40.0
Greater than 26,000 lbs.	18	60.0	0	0.0	3	60.0
Uncoded & Errors	0	0.0	0	0.0	0	0.0
TOTAL	30	100.0	0	0.0	5	100.0