

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*	1	0	0	1	0	1	0	0	0	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	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0
4	0	0	0	13	0	13	0	0	0	0	0	0	0	0	0
5	1	0	1	3	0	3	0	0	0	0	0	0	3	0	3
6	0	0	0	7	0	7	0	0	0	0	0	0	0	0	0
7	0	0	0	8	0	8	0	0	0	0	0	0	1	0	1
8	0	0	0	4	0	4	1	0	1	0	0	0	0	0	0
9	0	0	0	5	0	5	0	0	0	1	0	0	0	0	0
10	0	0	0	5	0	5	0	0	0	0	0	0	0	0	0
11	0	0	0	4	1	3	0	0	0	1	0	1	0	0	0
12	1	0	0	10	2	8	0	0	0	3	0	2	0	0	0
13	2	0	1	3	0	3	0	0	0	0	0	0	0	0	0
14	3	0	2	9	1	8	1	0	0	2	0	2	0	0	0
15	29	0	10	10	0	10	0	0	0	0	0	0	0	0	0
16	189	0	24	15	0	15	1	0	1	2	0	2	2	0	2
17	270	0	28	16	0	16	0	0	0	0	0	0	2	0	2
18	339	0	37	19	1	18	0	0	0	0	0	0	1	0	1
19	326	1	41	9	0	9	1	0	1	3	0	3	0	0	0
20	322	0	25	9	0	9	1	0	1	0	0	0	0	0	0
21	314	0	32	12	0	12	1	0	1	2	0	2	0	0	0
22	277	1	34	7	0	7	2	0	2	2	0	2	2	0	2
23	298	0	24	10	0	10	1	0	1	1	0	1	1	0	1
24	250	0	31	9	0	9	4	0	4	0	0	0	0	0	0
25	248	0	28	6	0	6	1	0	0	0	0	0	2	0	1
26	228	0	23	7	0	7	3	0	3	1	0	1	0	0	0
27	192	0	17	4	0	4	1	0	1	2	0	2	1	0	1
28	208	0	20	1	0	1	1	0	1	0	0	0	0	0	0
29	230	0	20	2	0	2	1	0	1	1	0	1	0	0	0
30	192	0	19	6	0	6	2	0	2	0	0	0	2	0	2
31	194	0	21	6	0	6	1	0	1	0	0	0	0	0	0
32	194	0	18	3	0	3	0	0	0	0	0	0	1	0	1
33	209	1	14	4	0	4	0	0	0	0	0	0	0	0	0
34	195	0	22	4	0	4	3	0	2	0	0	0	0	0	0
35	202	0	24	3	0	3	2	0	1	0	0	0	1	0	1
36	178	0	13	2	0	2	1	0	1	0	0	0	1	0	1
37	185	0	17	2	0	2	0	0	0	0	0	0	3	0	3

*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	150	0	15	3	0	3	1	0	0	0	0	0	0	0	0
39	154	0	13	4	0	4	3	0	2	0	0	0	0	0	0
40	188	0	20	4	0	4	1	0	1	1	0	1	1	0	1
41	149	0	12	4	0	4	1	0	1	0	0	0	1	0	1
42	182	1	19	3	0	3	3	0	3	0	0	0	0	0	0
43	198	0	24	4	0	4	3	0	1	0	0	0	0	0	0
44	201	0	19	5	0	5	4	0	3	0	0	0	1	0	1
45	194	0	17	3	1	2	2	1	1	0	0	0	0	0	0
46	189	0	21	4	0	4	1	0	1	1	0	1	0	0	0
47	190	0	16	1	0	1	3	0	2	0	0	0	0	0	0
48	178	0	15	4	0	4	7	0	7	0	0	0	0	0	0
49	202	1	22	7	0	7	2	0	2	0	0	0	0	0	0
50	229	0	23	3	0	3	7	0	4	1	0	1	1	0	1
51	221	0	21	2	0	2	4	0	3	1	0	1	0	0	0
52	195	0	25	4	1	3	4	1	2	0	0	0	1	0	1
53	240	0	23	6	0	6	5	0	5	1	0	1	0	0	0
54	241	1	24	4	0	4	6	0	4	0	0	0	1	0	1
55	189	0	22	4	0	4	4	0	3	0	0	0	1	1	0
56	224	0	24	5	0	5	3	0	2	0	0	0	1	0	1
57	247	2	17	6	0	6	4	0	1	1	0	1	1	0	1
58	197	0	24	3	0	3	3	0	2	0	0	0	1	0	1
59	193	0	17	3	0	3	3	0	2	1	0	1	0	0	0
60	181	0	24	6	0	6	6	0	5	1	0	1	2	0	2
61	188	1	21	4	0	4	0	0	0	0	0	0	1	0	1
62	163	1	7	3	0	3	4	0	2	2	0	1	0	0	0
63	145	1	9	2	0	2	4	0	2	0	0	0	0	0	0
64	178	1	18	1	0	1	6	1	4	0	0	0	0	0	0
65	165	0	8	3	0	3	1	0	1	0	0	0	0	0	0
66	180	0	16	2	0	2	2	0	1	0	0	0	0	0	0
67	160	1	20	2	0	2	5	0	3	0	0	0	3	0	2
68	96	0	12	2	0	2	1	0	1	0	0	0	1	0	1
69	122	0	6	2	0	2	1	0	0	0	0	0	0	0	0
70	94	0	11	7	0	7	3	0	2	0	0	0	1	0	1
71	90	0	7	4	0	4	0	0	0	0	0	0	0	0	0
72	110	0	8	2	0	2	1	0	0	0	0	0	0	0	0
73	93	0	3	2	0	2	2	0	1	0	0	0	1	0	1
74	88	0	11	2	0	2	1	0	1	0	0	0	0	0	0
75	85	0	7	3	0	3	1	0	1	0	0	0	0	0	0
76	67	0	5	1	0	1	0	0	0	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	62	0	8	4	0	4	1	0	1	0	0	0	0	0	0
78	62	0	4	0	0	0	0	0	0	0	0	0	0	0	0
79	64	0	7	1	0	1	0	0	0	0	0	0	0	0	0
80	56	0	6	1	0	1	0	0	0	0	0	0	0	0	0
81	41	0	4	0	0	0	0	0	0	0	0	0	0	0	0
82	44	0	5	3	0	3	0	0	0	0	0	0	0	0	0
83	29	1	3	3	0	3	0	0	0	0	0	0	0	0	0
84	32	0	6	0	0	0	0	0	0	0	0	0	0	0	0
85	31	0	3	2	0	2	0	0	0	0	0	0	0	0	0
86	28	0	4	0	0	0	0	0	0	0	0	0	0	0	0
87	20	0	3	0	0	0	0	0	0	0	0	0	0	0	0
88	15	1	3	0	0	0	0	0	0	0	0	0	0	0	0
89	19	0	2	0	0	0	0	0	0	0	0	0	0	0	0
90	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0
91	9	0	0	1	0	1	0	0	0	1	0	1	0	0	0
92	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
93	4	0	1	1	0	1	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	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0
97	0	0	0	1	0	1	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	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 Age	915	0	2	4	0	4	4	0	0	1	0	0	1	0	1
2014 TOTALS	13,287*	15	1,233	401	7	394	146*	3	102	33*	0	29	43*	1	40
	* Includes 850 drivers with unknown injury severity and 11,189 with no injury						*Includes 4 motorcyclists with unknown injury severity and 37 with no injury			*Includes 1 bicyclist with unknown injury severity and 3 with no injury			*Includes 2 pedestrians 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	906	62.7	2	50.0	182	68.2
Turning left	90	6.2	2	50.0	20	7.5
Turning right	47	3.3	0	0.0	8	3.0
Stopped on roadway	64	4.4	0	0.0	7	2.6
In prior crash	1	0.1	0	0.0	0	0.0
Changing lanes	20	1.4	0	0.0	1	0.4
Backing	49	3.4	0	0.0	2	0.7
Slowing/stopping on roadway	131	9.1	0	0.0	16	6.0
Slowing/stopping other	3	0.2	0	0.0	1	0.4
Starting up on roadway	26	1.8	0	0.0	3	1.1
Starting up other	3	0.2	0	0.0	1	0.4
Entering parking	1	0.1	0	0.0	0	0.0
Leaving parking	6	0.4	0	0.0	1	0.4
Entering roadway	23	1.6	0	0.0	4	1.5
Leaving roadway	0	0.0	0	0.0	0	0.0
Making U-turn	2	0.1	0	0.0	0	0.0
Overtaking or passing	22	1.5	0	0.0	6	2.2
Avoiding object	4	0.3	0	0.0	1	0.4
Avoiding animal	14	1.0	0	0.0	6	2.2
Avoiding pedestrian	0	0.0	0	0.0	0	0.0
Avoiding vehicle (front/back)	19	1.3	0	0.0	6	2.2
Avoiding vehicle (angle)	5	0.3	0	0.0	2	0.7
Driverless moving	1	0.1	0	0.0	0	0.0
Parked	6	0.4	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	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	2	0.1	0	0.0	0	0.0
Unknown	1	0.1	0	0.0	0	0.0
TOTAL DRIVERS	1,446	100.0	4	100.0	267	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	4	0.3	0	0.0	0	0.0
Cross center/median	3	0.2	0	0.0	0	0.0
Ran off road left	5	0.3	0	0.0	1	0.4
Ran off road right	5	0.3	0	0.0	1	0.4
Re-enter road	0	0.0	0	0.0	0	0.0
Overturn	76	5.3	0	0.0	27	10.1
Separation of units	0	0.0	0	0.0	0	0.0
Fire/explosion	2	0.1	0	0.0	1	0.4
Immersion	0	0.0	0	0.0	0	0.0
Jackknife	1	0.1	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	3	0.2	0	0.0	3	1.1
Other noncollision	9	0.6	0	0.0	2	0.7
SUBTOTAL	108	7.5	0	0.0	35	13.1

For drivers age 16-20 in the Upper Peninsula, an overturn is the most harmful event in a noncollision with the highest proportion of all crashes (5.3%) and injury crashes (10.1%)

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	0.3	0	0.0	5	1.9
Bicyclist	0	0.0	0	0.0	0	0.0
Motor vehicle in transport	876	60.6	4	100.0	165	61.8
Parked motor vehicle	65	4.5	0	0.0	8	3.0
Railway train	2	0.1	0	0.0	1	0.4
Animal	158	10.9	0	0.0	3	1.1
Other nonfixed objects	14	1.0	0	0.0	2	0.7
SUBTOTAL	1,120	77.5	4	100.0	184	68.9

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 parapet end	0	0.0	0	0.0	0	0.0
Bridge rail	0	0.0	0	0.0	0	0.0
Guardrail face	17	1.2	0	0.0	3	1.1
Guardrail end	3	0.2	0	0.0	1	0.4
Median barrier	2	0.1	0	0.0	0	0.0
Highway traffic sign post	13	0.9	0	0.0	0	0.0
Highway signal post	0	0.0	0	0.0	0	0.0
Luminaire/light support	2	0.1	0	0.0	0	0.0
Utility pole	14	1.0	0	0.0	4	1.5
Other pole	3	0.2	0	0.0	0	0.0
Culvert	3	0.2	0	0.0	1	0.4
Curb	3	0.2	0	0.0	1	0.4
Ditch	46	3.2	0	0.0	7	2.6
Embankment	22	1.5	0	0.0	2	0.7
Fence	5	0.3	0	0.0	0	0.0
Mailbox	9	0.6	0	0.0	1	0.4
Tree	56	3.9	0	0.0	24	9.0
Rail crossing signal	0	0.0	0	0.0	0	0.0
Building	1	0.1	0	0.0	0	0.0
Traffic island	0	0.0	0	0.0	0	0.0
Fire hydrant	1	0.1	0	0.0	0	0.0
Impact attenuator	0	0.0	0	0.0	0	0.0
Other fixed object	17	1.2	0	0.0	4	1.5

For drivers age 16-20 in the Upper Peninsula, a tree is the fixed object associated with the highest proportion of all crashes (3.9%) and injury crashes (9.0%).

	ALL CRASHES		FATAL CRASHES		INJURY CRASHES	
	Number of Drivers	% of Total	Number of Drivers	% of Total	Number of Drivers	% of Total
Unknown Event	1	0.1	0	0.0	0	0.0
MOST HARMFUL EVENT TOTAL	1,446	100.0	4	100.0	267	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	33.1	0	0.0	89	33.3
Head On	38	2.6	2	50.0	10	3.7
Head On - Left Turn	32	2.2	0	0.0	14	5.2
Angle	350	24.2	2	50.0	69	25.8
Rear End	318	22.0	0	0.0	53	19.9
Rear End - Left Turn	18	1.2	0	0.0	7	2.6
Rear End - Right Turn	21	1.5	0	0.0	1	0.4
Sideswipe - Same Direction	66	4.6	0	0.0	5	1.9
Sideswipe - Opposite Direction	49	3.4	0	0.0	6	2.2
Other/Unknown	75	5.2	0	0.0	13	4.9
TOTAL	1,446	100.0	4	100.0	267	100.0

Based on crash type, drivers age 16-20 in the Upper Peninsula are involved in the largest proportion of single vehicle crashes for all crashes (33.1%) and injury crashes (33.3%). Head on and angle crashes have equal involvement for fatal crashes (50.0% each).

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	1,137	78.6	4	100.0	193	72.3
Median	1	0.1	0	0.0	0	0.0
Shoulder	116	8.0	0	0.0	25	9.4
Outside of Shoulder/Curb	166	11.5	0	0.0	41	15.4
Gore	10	0.7	0	0.0	3	1.1
Other/Unknown	16	1.1	0	0.0	5	1.9
TOTAL	1,446	100.0	4	100.0	267	100.0

Other than on the road crashes, drivers age 16-20 in the Upper Peninsula have the highest proportion where the first impact is outside the shoulder/curb for all crashes (11.5%), injury crashes (15.4%). All fatal crashes occurred on the road.

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	56	3.9	0	0.0	8	3.0
U.S. & Michigan Roads	617	42.7	2	50.0	125	46.8
County & City Roads	773	53.5	2	50.0	134	50.2
TOTAL	1,446	100.0	4	100.0	267	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 - 02:59 AM	61	4.2	0	0.0	8	3.0
03:00 AM - 05:59 AM	42	2.9	0	0.0	12	4.5
06:00 AM - 08:59 AM	151	10.4	0	0.0	32	12.0
09:00 AM - 11:59 AM	164	11.3	1	25.0	31	11.6
12:00 PM - 02:59 PM	288	19.9	1	25.0	53	19.9
03:00 PM - 05:59 PM	359	24.8	0	0.0	60	22.5
06:00 PM - 08:59 PM	210	14.5	2	50.0	40	15.0
09:00 PM - 11:59 PM	170	11.8	0	0.0	31	11.6
Unknown	1	0.1	0	0.0	0	0.0
TOTAL	1,446	100.0	4	100.0	267	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 (24.8%) and injury crashes (22.5%). The 6:00 - 8:59 PM time period has the highest proportion of fatal crashes (50.0%).

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	557	38.5	1	25.0	70	26.2	2	0.8
Speed too fast	275	19.0	0	0.0	57	21.3	82	32.0
Speed too slow	0	0.0	0	0.0	0	0.0	0	0.0
Failed to yield	157	10.9	2	50.0	37	13.9	50	19.5
Disregard traffic control	21	1.5	0	0.0	8	3.0	17	6.6
Drove wrong way	1	0.1	0	0.0	0	0.0	1	0.4
Drove left of center	8	0.6	1	25.0	1	0.4	2	0.8
Improper passing	11	0.8	0	0.0	1	0.4	3	1.2
Improper lane use	11	0.8	0	0.0	2	0.7	0	0.0
Improper turn	10	0.7	0	0.0	0	0.0	1	0.4
Improper/no signal	10	0.7	0	0.0	2	0.7	1	0.4
Improper backing	37	2.6	0	0.0	2	0.7	2	0.8
Unable to stop in assured clear distance	212	14.7	0	0.0	42	15.7	45	17.6
Reckless driving	7	0.5	0	0.0	2	0.7	5	2.0
Careless/negligent driving	79	5.5	0	0.0	30	11.2	37	14.5
Other	38	2.6	0	0.0	11	4.1	7	2.7
Unknown	12	0.8	0	0.0	2	0.7	1	0.4
TOTAL	1,446	100.0	4	100.0	267	100.0	256	100.0

Other than no hazardous action, the second highest hazardous action category for drivers age 16-20 in the Upper Peninsula is speed too fast for all crashes (19.0%) and injury crashes (21.3%). For fatal crashes, the second highest category is failed to yield (50.0%).

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	182	12.6	0	0.0	29	10.9
Tuesday	197	13.6	0	0.0	41	15.4
Wednesday	188	13.0	0	0.0	37	13.9
Thursday	230	15.9	1	25.0	41	15.4
Friday	281	19.4	1	25.0	46	17.2
Saturday	228	15.8	2	50.0	47	17.6
Sunday	140	9.7	0	0.0	26	9.7
TOTAL	1,446	100.0	4	100.0	267	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	763	52.8	2	50.0	130	48.7
Female	683	47.2	2	50.0	137	51.3
Unknown	0	0.0	0	0.0	0	0.0
TOTAL	1,446	100.0	4	100.0	267	100.0

For drivers age 16-20 in the Upper Peninsula, there is a greater proportion of female drivers in all crashes, fatal crashes, and injury crashes than in both the 21-64 and 65 and over age groups. In this group, male drivers and female drivers both account for 50.0% 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	1,003	69.4	2	50.0	174	65.2
2 occupants	316	21.9	2	50.0	62	23.2
3 occupants	75	5.2	0	0.0	22	8.2
4 occupants	32	2.2	0	0.0	4	1.5
5 occupants	13	0.9	0	0.0	4	1.5
6 + occupants	2	0.1	0	0.0	1	0.4
0 occupants	5	0.3	0	0.0	0	0.0
Unknown	0	0.0	0	0.0	0	0.0
TOTAL	1,446	100.0	4	100.0	267	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 and Station Wagon	1,136	78.6	3	75.0	201	75.3
Van and Motorhome	27	1.9	0	0.0	5	1.9
Pickup	240	16.6	0	0.0	43	16.1
Small Truck (under 10,000 lbs.)	23	1.6	0	0.0	5	1.9
Motorcycle	3	0.2	0	0.0	3	1.1
Moped	2	0.1	0	0.0	1	0.4
Go Cart	0	0.0	0	0.0	0	0.0
Snowmobile	4	0.3	0	0.0	2	0.7
Off Road Vehicle	8	0.6	0	0.0	7	2.6
Other	0	0.0	0	0.0	0	0.0
Unknown	0	0.0	0	0.0	0	0.0
CDL Truck/Bus (breakdown below)	3	0.2	1	25.0	0	0.0
TOTAL NUMBER OF DRIVERS	1,446	100.0	4	100.0	267	100.0

CDL TRUCK/BUS SUB-CATEGORY TYPE	ALL CRASHES		FATAL CRASHES		INJURY CRASHES	
	Number of Drivers	% of Total	Number of Drivers	% of Total	Number of Drivers	% of Total
Commercial Vehicle: Group A*	1	33.3	0	0.0	0	0.0
Commercial Vehicle: Group B**	0	0.0	0	0.0	0	0.0
Commercial Vehicle: Group C***	0	0.0	0	0.0	0	0.0
Other Truck	2	66.7	1	100.0	0	0.0
Unknown Truck	0	0.0	0	0.0	0	0.0
Total Number of Vehicles	3	100.0	1	100.0	0	0.0

* Group "A" is any vehicle that is towing a vehicle or trailer that has a gross vehicle weight rating (GVWR) over 10,000 lbs.

** Group "B" is any single vehicle (including buses) with a GVWR of 26,001 lbs. or more. This would include a combination of vehicles with a combined GVWR over 26,000 lbs. when towing a trailer that has a GVWR of 10,000 lbs. or less.

*** Group "C" is any single vehicle with a GVWR of less than 26,001 lbs. or a combination of vehicles having a combined GVWR under 26,001 lbs. when the vehicle is required to display placards for hazardous material or designed to carry 16 passengers (including driver). Group "C" is also any vehicle carrying 15 or less people (including driver) transporting children to or from school and home on a regular basis for compensation.

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	6,084	67.6	19	86.4	964	64.1
Turning left	496	5.5	1	4.5	129	8.6
Turning right	258	2.9	0	0.0	36	2.4
Stopped on roadway	524	5.8	0	0.0	111	7.4
In prior crash	4	0.0	0	0.0	1	0.1
Changing lanes	92	1.0	0	0.0	12	0.8
Backing	335	3.7	0	0.0	17	1.1
Slowing/stopping on roadway	487	5.4	0	0.0	104	6.9
Slowing/stopping other	15	0.2	0	0.0	3	0.2
Starting up on roadway	160	1.8	0	0.0	23	1.5
Starting up other	4	0.0	0	0.0	1	0.1
Entering parking	25	0.3	0	0.0	2	0.1
Leaving parking	33	0.4	0	0.0	3	0.2
Entering roadway	97	1.1	1	4.5	27	1.8
Leaving roadway	14	0.2	0	0.0	5	0.3
Making U-turn	11	0.1	0	0.0	2	0.1
Overtaking or passing	77	0.9	0	0.0	12	0.8
Avoiding object	12	0.1	0	0.0	2	0.1
Avoiding animal	64	0.7	0	0.0	8	0.5
Avoiding pedestrian	2	0.0	0	0.0	1	0.1
Avoiding vehicle (front/back)	79	0.9	1	4.5	21	1.4
Avoiding vehicle (angle)	36	0.4	0	0.0	8	0.5
Driverless moving	0	0.0	0	0.0	0	0.0
Parked	71	0.8	0	0.0	8	0.5
Crossing at intersection	1	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	1	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	4	0.0	0	0.0	0	0.0
Unknown	14	0.2	0	0.0	3	0.2
TOTAL DRIVERS	9,000	100.0	22	100.0	1,503	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	41	0.5	0	0.0	4	0.3
Cross center/median	3	0.0	0	0.0	1	0.1
Ran off road left	30	0.3	0	0.0	6	0.4
Ran off road right	45	0.5	0	0.0	7	0.5
Re-enter road	2	0.0	0	0.0	0	0.0
Overturn	249	2.8	1	4.5	102	6.8
Separation of units	6	0.1	0	0.0	1	0.1
Fire/explosion	14	0.2	0	0.0	0	0.0
Immersion	2	0.0	0	0.0	0	0.0
Jackknife	6	0.1	0	0.0	0	0.0
Downhill runaway	0	0.0	0	0.0	0	0.0
Cargo loss/shift	15	0.2	0	0.0	0	0.0
Individual fell off	20	0.2	1	4.5	18	1.2
Other noncollision	30	0.3	0	0.0	7	0.5
SUBTOTAL	463	5.1	2	9.1	146	9.7

For drivers age 21-64 in the Upper Peninsula, an overturn is the most harmful event in a noncollision with the highest proportion of all crashes (2.8%) and injury crashes (6.8%). An overturn and when an individual fell off were the most harmful events in a noncollision (4.5% each).

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	22	0.2	1	4.5	21	1.4
Bicyclist	19	0.2	0	0.0	16	1.1
Motor vehicle in transport	4,663	51.8	12	54.5	1,062	70.7
Parked motor vehicle	330	3.7	0	0.0	25	1.7
Railway train	6	0.1	1	4.5	2	0.1
Animal	2,389	26.5	0	0.0	48	3.2
Other nonfixed objects	113	1.3	0	0.0	10	0.7
SUBTOTAL	7,542	83.8	14	63.6	1,184	78.8

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	5	0.1	0	0.0	1	0.1
Bridge parapet end	2	0.0	0	0.0	0	0.0
Bridge rail	6	0.1	0	0.0	0	0.0
Guardrail face	71	0.8	0	0.0	10	0.7
Guardrail end	8	0.1	0	0.0	1	0.1
Median barrier	10	0.1	0	0.0	1	0.1
Highway traffic sign post	54	0.6	0	0.0	2	0.1
Highway signal post	4	0.0	0	0.0	0	0.0
Luminaire/light support	7	0.1	0	0.0	0	0.0
Utility pole	77	0.9	0	0.0	15	1.0
Other pole	19	0.2	0	0.0	1	0.1
Culvert	8	0.1	0	0.0	5	0.3
Curb	18	0.2	0	0.0	1	0.1
Ditch	166	1.8	0	0.0	24	1.6
Embankment	126	1.4	2	9.1	19	1.3
Fence	8	0.1	0	0.0	0	0.0
Mailbox	56	0.6	0	0.0	4	0.3
Tree	203	2.3	2	9.1	58	3.9
Rail crossing signal	3	0.0	0	0.0	0	0.0
Building	18	0.2	1	4.5	6	0.4
Traffic island	1	0.0	0	0.0	0	0.0
Fire hydrant	9	0.1	0	0.0	1	0.1
Impact attenuator	0	0.0	0	0.0	0	0.0
Other fixed object	94	1.0	1	4.5	18	1.2

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%) and injury crashes (3.9%). Embankment and tree crashes both account for 9.1% in fatal crashes.

	ALL CRASHES		FATAL CRASHES		INJURY CRASHES	
	Number of Drivers	% of Total	Number of Drivers	% of Total	Number of Drivers	% of Total
Unknown Event	22	0.2	0	0.0	6	0.4
MOST HARMFUL EVENT TOTAL	9,000	100.0	22	100.0	1,503	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	3,842	42.7	8	36.4	376	25.0
Head On	169	1.9	5	22.7	73	4.9
Head On - Left Turn	144	1.6	0	0.0	72	4.8
Angle	1,943	21.6	5	22.7	438	29.1
Rear End	1,331	14.8	2	9.1	307	20.4
Rear End - Left Turn	109	1.2	0	0.0	35	2.3
Rear End - Right Turn	94	1.0	0	0.0	12	0.8
Sideswipe - Same Direction	546	6.1	1	4.5	55	3.7
Sideswipe - Opposite Direction	316	3.5	0	0.0	50	3.3
Other/Unknown	506	5.6	1	4.5	85	5.7
TOTAL	9,000	100.0	22	100.0	1,503	100.0

Based on crash type, drivers age 21-64 in the Upper Peninsula are involved in the largest proportion of single vehicle crashes for all crashes (42.7%) and fatal crashes (36.4%). For injury crashes, the highest proportion is angle crashes (29.1%).

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	7,600	84.4	13	59.1	1,217	81.0
Median	19	0.2	0	0.0	4	0.3
Shoulder	537	6.0	4	18.2	86	5.7
Outside of Shoulder/Curb	692	7.7	4	18.2	165	11.0
Gore	31	0.3	0	0.0	3	0.2
Other/Unknown	121	1.3	1	4.5	28	1.9
TOTAL	9,000	100.0	22	100.0	1,503	100.0

Other than on the road crashes, drivers age 21-64 in the Upper Peninsula have the highest proportion where the first impact is outside the shoulder/curb for all crashes (7.7%) and injury crashes (11.0%). Shoulder crashes and outside the shoulder/curb crashes both account for 18.2% in fatal crashes.

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	384	4.3	0	0.0	64	4.3
U.S. & Michigan Roads	4,602	51.1	15	68.2	800	53.2
County & City Roads	4,014	44.6	7	31.8	639	42.5
TOTAL	9,000	100.0	22	100.0	1,503	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 - 02:59 AM	321	3.6	2	9.1	53	3.5
03:00 AM - 05:59 AM	359	4.0	0	0.0	34	2.3
06:00 AM - 08:59 AM	1,132	12.6	2	9.1	135	9.0
09:00 AM - 11:59 AM	1,340	14.9	3	13.6	277	18.4
12:00 PM - 02:59 PM	1,648	18.3	4	18.2	323	21.5
03:00 PM - 05:59 PM	2,056	22.8	3	13.6	384	25.5
06:00 PM - 08:59 PM	1,292	14.4	7	31.8	201	13.4
09:00 PM - 11:59 PM	839	9.3	1	4.5	96	6.4
Unknown	13	0.1	0	0.0	0	0.0
TOTAL	9,000	100.0	22	100.0	1,503	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 (22.8%) and injury crashes (25.5%). The 6:00 - 8:59 PM time period has the highest proportion of fatal crashes (31.8%).

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	5,368	59.6	10	45.5	738	49.1	12	1.3
Speed too fast	956	10.6	6	27.3	182	12.1	262	28.8
Speed too slow	10	0.1	0	0.0	1	0.1	0	0.0
Failed to yield	651	7.2	2	9.1	172	11.4	228	25.1
Disregard traffic control	101	1.1	0	0.0	33	2.2	48	5.3
Drove wrong way	2	0.0	0	0.0	0	0.0	1	0.1
Drove left of center	38	0.4	0	0.0	6	0.4	9	1.0
Improper passing	49	0.5	0	0.0	10	0.7	12	1.3
Improper lane use	117	1.3	0	0.0	11	0.7	8	0.9
Improper turn	60	0.7	0	0.0	9	0.6	8	0.9
Improper/no signal	18	0.2	0	0.0	3	0.2	3	0.3
Improper backing	251	2.8	0	0.0	4	0.3	6	0.7
Unable to stop in assured clear distance	665	7.4	0	0.0	136	9.0	110	12.1
Reckless driving	41	0.5	0	0.0	17	1.1	20	2.2
Careless/negligent driving	302	3.4	1	4.5	102	6.8	138	15.2
Other	264	2.9	1	4.5	57	3.8	42	4.6
Unknown	107	1.2	2	9.1	22	1.5	3	0.3
TOTAL	9,000	100.0	22	100.0	1,503	100.0	910	100.0

After no hazardous action, the second highest hazardous action category for drivers age 21-64 in the Upper Peninsula for all crashes (10.6%), fatal crashes (27.3%), and injury crashes (12.1%) occurs when the driver's speed is too fast.

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	1,286	14.3	3	13.6	186	12.4
Tuesday	1,299	14.4	4	18.2	215	14.3
Wednesday	1,273	14.1	3	13.6	219	14.6
Thursday	1,403	15.6	2	9.1	238	15.8
Friday	1,645	18.3	1	4.5	300	20.0
Saturday	1,170	13.0	8	36.4	191	12.7
Sunday	924	10.3	1	4.5	154	10.2
TOTAL	9,000	100.0	22	100.0	1,503	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	5,210	57.9	16	72.7	843	56.1
Female	3,789	42.1	6	27.3	660	43.9
Unknown	1	0.0	0	0.0	0	0.0
TOTAL	9,000	100.0	22	100.0	1,503	100.0

For drivers age 21-64 in the Upper Peninsula, male drivers (72.7%) account for over two and a half times that of female drivers (27.3%) 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	6,839	76.0	16	72.7	1,049	69.8
2 occupants	1,471	16.3	4	18.2	291	19.4
3 occupants	404	4.5	0	0.0	93	6.2
4 occupants	169	1.9	2	9.1	38	2.5
5 occupants	49	0.5	0	0.0	21	1.4
6 + occupants	39	0.4	0	0.0	10	0.7
0 occupants	27	0.3	0	0.0	1	0.1
Unknown	2	0.0	0	0.0	0	0.0
TOTAL	9,000	100.0	22	100.0	1,503	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 and Station Wagon	5,834	64.8	7	31.8	936	62.3
Van and Motorhome	417	4.6	0	0.0	47	3.1
Pickup	2,011	22.3	6	27.3	297	19.8
Small Truck (under 10,000 lbs.)	172	1.9	0	0.0	19	1.3
Motorcycle	103	1.1	2	9.1	78	5.2
Moped	8	0.1	1	4.5	6	0.4
Go Cart	2	0.0	0	0.0	2	0.1
Snowmobile	49	0.5	1	4.5	33	2.2
Off Road Vehicle	24	0.3	0	0.0	18	1.2
Other	46	0.5	0	0.0	9	0.6
Unknown	1	0.0	0	0.0	0	0.0
CDL Truck/Bus (breakdown below)	333	3.7	5	22.7	58	3.9
TOTAL NUMBER OF DRIVERS	9,000	100.0	22	100.0	1,503	100.0

CDL TRUCK/BUS SUB-CATEGORY TYPE	ALL CRASHES		FATAL CRASHES		INJURY CRASHES	
	Number of Drivers	% of Total	Number of Drivers	% of Total	Number of Drivers	% of Total
Commercial Vehicle: Group A*	210	63.1	2	40.0	33	56.9
Commercial Vehicle: Group B**	82	24.6	2	40.0	17	29.3
Commercial Vehicle: Group C***	15	4.5	0	0.0	1	1.7
Other Truck	22	6.6	1	20.0	6	10.3
Unknown Truck	4	1.2	0	0.0	1	1.7
Total Number of Vehicles	333	100.0	5	100.0	58	100.0

* Group "A" is any vehicle that is towing a vehicle or trailer that has a gross vehicle weight rating (GVWR) over 10,000 lbs.

** Group "B" is any single vehicle (including buses) with a GVWR of 26,001 lbs. or more. This would include a combination of vehicles with a combined GVWR over 26,000 lbs. when towing a trailer that has a GVWR of 10,000 lbs. or less.

*** Group "C" is any single vehicle with a GVWR of less than 26,001 lbs. or a combination of vehicles having a combined GVWR under 26,001 lbs. when the vehicle is required to display placards for hazardous material or designed to carry 16 passengers (including driver). Group "C" is also any vehicle carrying 15 or less people (including driver) transporting children to or from school and home on a regular basis for compensation.

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	1,177	62.3	4	100.0	185	58.9
Turning left	134	7.1	0	0.0	42	13.4
Turning right	71	3.8	0	0.0	10	3.2
Stopped on roadway	99	5.2	0	0.0	18	5.7
In prior crash	0	0.0	0	0.0	0	0.0
Changing lanes	28	1.5	0	0.0	4	1.3
Backing	87	4.6	0	0.0	2	0.6
Slowing/stopping on roadway	86	4.6	0	0.0	13	4.1
Slowing/stopping other	6	0.3	0	0.0	3	1.0
Starting up on roadway	59	3.1	0	0.0	19	6.1
Starting up other	2	0.1	0	0.0	0	0.0
Entering parking	7	0.4	0	0.0	0	0.0
Leaving parking	10	0.5	0	0.0	0	0.0
Entering roadway	41	2.2	0	0.0	5	1.6
Leaving roadway	7	0.4	0	0.0	3	1.0
Making U-turn	4	0.2	0	0.0	1	0.3
Overtaking or passing	22	1.2	0	0.0	3	1.0
Avoiding object	2	0.1	0	0.0	0	0.0
Avoiding animal	7	0.4	0	0.0	0	0.0
Avoiding pedestrian	0	0.0	0	0.0	0	0.0
Avoiding vehicle (front/back)	11	0.6	0	0.0	2	0.6
Avoiding vehicle (angle)	5	0.3	0	0.0	0	0.0
Driverless moving	1	0.1	0	0.0	0	0.0
Parked	17	0.9	0	0.0	1	0.3
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	1	0.1	0	0.0	1	0.3
Other	0	0.0	0	0.0	0	0.0
Unknown	5	0.3	0	0.0	2	0.6
TOTAL DRIVERS	1,889	100.0	4	100.0	314	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	7	0.4	0	0.0	4	1.3
Cross center/median	2	0.1	0	0.0	0	0.0
Ran off road left	9	0.5	0	0.0	2	0.6
Ran off road right	9	0.5	0	0.0	3	1.0
Re-enter road	0	0.0	0	0.0	0	0.0
Overtake	33	1.7	1	25.0	14	4.5
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	0	0.0
Jackknife	1	0.1	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	1	0.3
Individual fell off	6	0.3	0	0.0	6	1.9
Other noncollision	8	0.4	0	0.0	0	0.0
SUBTOTAL	79	4.2	1	25.0	30	9.6

For drivers age 65 and over in the Upper Peninsula, an overturn is the most harmful event in a noncollision with the highest proportion of all crashes (1.7%), fatal crashes (25.0%), and injury crashes (4.5%).

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	0.3	0	0.0	4	1.3
Bicyclist	6	0.3	0	0.0	5	1.6
Motor vehicle in transport	1,053	55.7	3	75.0	221	70.4
Parked motor vehicle	78	4.1	0	0.0	6	1.9
Railway train	0	0.0	0	0.0	0	0.0
Animal	456	24.1	0	0.0	11	3.5
Other nonfixed objects	32	1.7	0	0.0	0	0.0
SUBTOTAL	1,630	86.3	3	75.0	247	78.7

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	0	0.0	0	0.0	0	0.0
Bridge parapet end	0	0.0	0	0.0	0	0.0
Bridge rail	2	0.1	0	0.0	0	0.0
Guardrail face	17	0.9	0	0.0	4	1.3
Guardrail end	1	0.1	0	0.0	0	0.0
Median barrier	3	0.2	0	0.0	1	0.3
Highway traffic sign post	12	0.6	0	0.0	1	0.3
Highway signal post	2	0.1	0	0.0	0	0.0
Luminaire/light support	1	0.1	0	0.0	0	0.0
Utility pole	12	0.6	0	0.0	3	1.0
Other pole	1	0.1	0	0.0	0	0.0
Culvert	0	0.0	0	0.0	0	0.0
Curb	2	0.1	0	0.0	0	0.0
Ditch	34	1.8	0	0.0	5	1.6
Embankment	12	0.6	0	0.0	1	0.3
Fence	0	0.0	0	0.0	0	0.0
Mailbox	7	0.4	0	0.0	0	0.0
Tree	46	2.4	0	0.0	18	5.7
Rail crossing signal	0	0.0	0	0.0	0	0.0
Building	9	0.5	0	0.0	1	0.3
Traffic island	0	0.0	0	0.0	0	0.0
Fire hydrant	1	0.1	0	0.0	0	0.0
Impact attenuator	0	0.0	0	0.0	0	0.0
Other fixed object	14	0.7	0	0.0	2	0.6

For drivers age 65 and over in the Upper Peninsula, a tree is the fixed object associated with the highest proportion of all crashes (2.4%) and injury crashes (5.7%).

	ALL CRASHES		FATAL CRASHES		INJURY CRASHES	
	Number of Drivers	% of Total	Number of Drivers	% of Total	Number of Drivers	% of Total
Unknown Event	4	0.2	0	0.0	1	0.3
MOST HARMFUL EVENT TOTAL	1,889	100.0	4	100.0	314	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	719	38.1	1	25.0	78	24.8
Head On	26	1.4	2	50.0	10	3.2
Head On - Left Turn	39	2.1	0	0.0	18	5.7
Angle	494	26.2	1	25.0	119	37.9
Rear End	252	13.3	0	0.0	53	16.9
Rear End - Left Turn	28	1.5	0	0.0	6	1.9
Rear End - Right Turn	24	1.3	0	0.0	3	1.0
Sideswipe - Same Direction	146	7.7	0	0.0	7	2.2
Sideswipe - Opposite Direction	48	2.5	0	0.0	1	0.3
Other/Unknown	113	6.0	0	0.0	19	6.1
TOTAL	1,889	100.0	4	100.0	314	100.0

Based on crash type, drivers age 65 and over in the Upper Peninsula are involved in the largest proportion of single vehicle crashes for all crashes (38.1%), head on crashes for fatal crashes (50.0%), and angle crashes for injury crashes (37.9%).

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	1,610	85.2	3	75.0	252	80.3
Median	6	0.3	0	0.0	2	0.6
Shoulder	119	6.3	1	25.0	19	6.1
Outside of Shoulder/Curb	119	6.3	0	0.0	40	12.7
Gore	7	0.4	0	0.0	0	0.0
Other/Unknown	28	1.5	0	0.0	1	0.3
TOTAL	1,889	100.0	4	100.0	314	100.0

Other than on the road crashes, drivers age 65 and over in the Upper Peninsula have the highest proportion where the first impact is on the shoulder and on the outside the shoulder/curb for all crashes (6.3% each) . Shoulder crashes had the highest proportion for fatal crashes (25.0%) and outside the shoulder/curb has the highest proportion for injury crashes (12.7%).

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	74	3.9	0	0.0	16	5.1
U.S. & Michigan Roads	994	52.6	3	75.0	167	53.2
County & City Roads	821	43.5	1	25.0	131	41.7
TOTAL	1,889	100.0	4	100.0	314	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 - 02:59 AM	29	1.5	0	0.0	2	0.6
03:00 AM - 05:59 AM	16	0.8	0	0.0	3	1.0
06:00 AM - 08:59 AM	165	8.7	1	25.0	20	6.4
09:00 AM - 11:59 AM	403	21.3	1	25.0	71	22.6
12:00 PM - 02:59 PM	515	27.3	2	50.0	109	34.7
03:00 PM - 05:59 PM	405	21.4	0	0.0	72	22.9
06:00 PM - 08:59 PM	230	12.2	0	0.0	26	8.3
09:00 PM - 11:59 PM	126	6.7	0	0.0	11	3.5
Unknown	0	0.0	0	0.0	0	0.0
TOTAL	1,889	100.0	4	100.0	314	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 (27.3%), fatal crashes (50.0%), and injury crashes (34.7%).

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	1,017	53.8	1	25.0	114	36.3	3	1.6
Speed too fast	145	7.7	0	0.0	32	10.2	24	12.9
Speed too slow	1	0.1	0	0.0	0	0.0	0	0.0
Failed to yield	278	14.7	0	0.0	76	24.2	86	46.2
Disregard traffic control	36	1.9	1	25.0	13	4.1	19	10.2
Drove wrong way	0	0.0	0	0.0	0	0.0	0	0.0
Drove left of center	9	0.5	1	25.0	3	1.0	3	1.6
Improper passing	13	0.7	0	0.0	2	0.6	2	1.1
Improper lane use	38	2.0	0	0.0	2	0.6	6	3.2
Improper turn	22	1.2	0	0.0	4	1.3	4	2.2
Improper/no signal	7	0.4	0	0.0	2	0.6	2	1.1
Improper backing	68	3.6	0	0.0	2	0.6	1	0.5
Unable to stop in assured clear distance	114	6.0	0	0.0	19	6.1	15	8.1
Reckless driving	3	0.2	0	0.0	2	0.6	2	1.1
Careless/negligent driving	51	2.7	0	0.0	16	5.1	15	8.1
Other	59	3.1	0	0.0	16	5.1	4	2.2
Unknown	28	1.5	1	25.0	11	3.5	0	0.0
TOTAL	1,889	100.0	4	100.0	314	100.0	186	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 (14.7%) and injury crashes (24.2%) 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	280	14.8	2	50.0	42	13.4
Tuesday	293	15.5	0	0.0	51	16.2
Wednesday	304	16.1	0	0.0	45	14.3
Thursday	286	15.1	2	50.0	52	16.6
Friday	312	16.5	0	0.0	50	15.9
Saturday	215	11.4	0	0.0	36	11.5
Sunday	199	10.5	0	0.0	38	12.1
TOTAL	1,889	100.0	4	100.0	314	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	1,215	64.3	3	75.0	192	61.1
Female	672	35.6	1	25.0	122	38.9
Unknown	2	0.1	0	0.0	0	0.0
TOTAL	1,889	100.0	4	100.0	314	100.0

For drivers age 65 and over in the Upper Peninsula, there were 3 male drivers (75.0%) and 1 female driver (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	1,425	75.4	3	75.0	225	71.7
2 occupants	397	21.0	1	25.0	72	22.9
3 occupants	32	1.7	0	0.0	10	3.2
4 occupants	17	0.9	0	0.0	4	1.3
5 occupants	5	0.3	0	0.0	1	0.3
6 + occupants	3	0.2	0	0.0	0	0.0
0 occupants	9	0.5	0	0.0	1	0.3
Unknown	1	0.1	0	0.0	1	0.3
TOTAL	1,889	100.0	4	100.0	314	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 and Station Wagon	1,304	69.0	2	50.0	199	63.4
Van and Motorhome	93	4.9	1	25.0	25	8.0
Pickup	400	21.2	1	25.0	60	19.1
Small Truck (under 10,000 lbs.)	35	1.9	0	0.0	3	1.0
Motorcycle	17	0.9	0	0.0	13	4.1
Moped	0	0.0	0	0.0	0	0.0
Go Cart	0	0.0	0	0.0	0	0.0
Snowmobile	5	0.3	0	0.0	5	1.6
Off Road Vehicle	5	0.3	0	0.0	5	1.6
Other	3	0.2	0	0.0	0	0.0
Unknown	0	0.0	0	0.0	0	0.0
CDL Truck/Bus (breakdown below)	27	1.4	0	0.0	4	1.3
TOTAL NUMBER OF DRIVERS	1,889	100.0	4	100.0	314	100.0

CDL TRUCK/BUS SUB-CATEGORY TYPE	ALL CRASHES		FATAL CRASHES		INJURY CRASHES	
	Number of Drivers	% of Total	Number of Drivers	% of Total	Number of Drivers	% of Total
Commercial Vehicle: Group A*	14	51.9	0	0.0	1	25.0
Commercial Vehicle: Group B**	10	37.0	0	0.0	3	75.0
Commercial Vehicle: Group C***	2	7.4	0	0.0	0	0.0
Other Truck	1	3.7	0	0.0	0	0.0
Unknown Truck	0	0.0	0	0.0	0	0.0
Total Number of Vehicles	27	100.0	0	0.0	4	100.0

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** Group "B" is any single vehicle (including buses) with a GVWR of 26,001 lbs. or more. This would include a combination of vehicles with a combined GVWR over 26,000 lbs. when towing a trailer that has a GVWR of 10,000 lbs. or less.

*** Group "C" is any single vehicle with a GVWR of less than 26,001 lbs. or a combination of vehicles having a combined GVWR under 26,001 lbs. when the vehicle is required to display placards for hazardous material or designed to carry 16 passengers (including driver). Group "C" is also any vehicle carrying 15 or less people (including driver) transporting children to or from school and home on a regular basis for compensation.