

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	1	0	1	0	0	0	0	0	0	0	0	0
1	0	0	0	1	0	1	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	4	0	4	0	0	0	0	0	0	0	0	0
4	0	0	0	4	0	4	0	0	0	0	0	0	0	0	0
5	0	0	0	4	0	4	0	0	0	1	0	1	0	0	0
6	0	0	0	3	0	3	0	0	0	0	0	0	0	0	0
7	0	0	0	5	0	5	0	0	0	0	0	0	0	0	0
8	0	0	0	1	0	1	0	0	0	1	0	1	0	0	0
9	0	0	0	7	0	7	0	0	0	1	0	1	1	0	1
10	0	0	0	5	0	5	0	0	0	0	0	0	0	0	0
11	1	0	0	6	0	6	0	0	0	0	0	0	0	0	0
12	0	0	0	4	0	4	0	0	0	0	0	0	2	0	2
13	3	0	3	6	0	6	1	0	1	2	0	1	0	0	0
14	4	0	2	7	0	7	0	0	0	1	0	1	2	0	2
15	22	0	10	11	0	11	1	0	1	1	0	1	1	0	0
16	179	0	22	13	0	13	1	0	0	0	0	0	0	0	0
17	243	1	24	9	0	9	2	0	1	1	0	1	0	0	0
18	275	0	39	17	0	17	1	0	1	2	0	2	0	0	0
19	312	2	31	15	0	15	3	0	2	1	0	1	0	0	0
20	312	1	32	11	0	11	4	0	3	0	0	0	1	0	1
21	287	0	22	12	0	12	1	0	0	3	0	2	1	0	1
22	266	0	28	13	0	13	1	0	1	2	0	1	0	0	0
23	258	0	25	9	0	9	4	0	4	1	0	1	1	0	1
24	229	0	21	10	0	10	0	0	0	0	0	0	1	0	1
25	229	1	28	7	0	7	4	0	2	0	0	0	1	0	1
26	188	1	10	10	0	10	2	0	1	0	0	0	1	0	1
27	169	1	17	2	0	2	1	0	1	2	0	1	1	0	1
28	195	0	19	6	0	6	3	0	3	0	0	0	1	0	1
29	180	1	17	3	0	3	2	0	2	1	0	1	0	0	0
30	167	0	18	4	0	4	0	0	0	1	0	1	2	0	2
31	181	0	24	7	0	7	0	0	0	0	0	0	1	0	1
32	174	1	15	6	0	6	2	1	1	0	0	0	2	0	1
33	164	0	13	9	0	9	1	0	1	0	0	0	0	0	0
34	162	0	21	1	0	1	0	0	0	0	0	0	0	0	0
35	158	0	16	8	0	8	1	0	1	1	0	1	0	0	0
36	167	0	15	7	0	7	1	0	1	0	0	0	0	0	0
37	152	0	16	4	0	4	1	0	0	1	0	0	1	0	1

*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	141	0	20	4	1	3	0	0	0	2	0	2	0	0	0
39	176	0	25	6	0	6	1	0	1	0	0	0	0	0	0
40	140	0	12	3	0	3	1	0	1	0	0	0	0	0	0
41	137	0	13	4	0	4	1	0	1	0	0	0	2	0	2
42	151	0	17	1	0	1	0	0	0	0	0	0	0	0	0
43	144	0	16	1	0	1	3	0	3	0	0	0	1	0	1
44	166	0	13	2	0	2	1	0	0	1	0	1	1	0	1
45	172	0	15	1	0	1	1	0	1	0	0	0	0	0	0
46	172	0	19	3	1	2	0	0	0	0	0	0	0	0	0
47	164	0	19	4	0	4	3	0	2	0	0	0	0	0	0
48	163	0	12	4	0	4	1	0	1	0	0	0	2	0	2
49	184	0	12	4	0	4	2	0	2	0	0	0	1	0	1
50	183	1	20	3	0	3	0	0	0	0	0	0	0	0	0
51	175	0	18	5	0	5	2	0	2	0	0	0	2	0	2
52	192	1	14	3	0	3	2	1	1	0	0	0	0	0	0
53	185	1	25	7	0	7	3	0	2	0	0	0	1	0	1
54	199	0	14	8	1	7	3	0	3	1	0	0	0	0	0
55	213	1	23	5	0	5	2	1	1	0	0	0	1	0	1
56	211	1	17	4	0	4	3	0	2	2	0	2	1	0	1
57	183	0	20	3	0	3	7	0	5	0	0	0	0	0	0
58	180	0	14	4	0	4	2	0	1	1	0	1	0	0	0
59	181	0	25	9	0	9	4	0	4	1	0	0	0	0	0
60	180	0	22	5	0	5	2	0	2	0	0	0	0	0	0
61	172	0	15	6	0	6	2	0	1	0	0	0	0	0	0
62	151	0	16	5	0	5	2	0	1	0	0	0	1	0	1
63	141	0	10	1	0	1	3	0	1	0	0	0	0	0	0
64	135	1	13	2	0	2	4	1	1	0	0	0	0	0	0
65	117	0	9	2	0	2	0	0	0	0	0	0	1	0	1
66	156	1	14	8	0	8	3	0	3	1	0	1	1	0	1
67	130	0	25	5	0	5	3	0	2	1	0	0	0	0	0
68	131	0	10	9	0	9	3	0	2	0	0	0	1	0	1
69	96	1	6	2	0	2	2	0	1	0	0	0	1	1	0
70	86	0	8	3	0	3	1	0	1	1	0	0	1	0	1
71	90	0	10	1	0	1	2	0	0	0	0	0	1	0	1
72	83	1	12	0	0	0	0	0	0	0	0	0	0	0	0
73	80	0	8	0	0	0	2	0	2	0	0	0	0	0	0
74	66	0	5	2	0	2	0	0	0	0	0	0	0	0	0
75	63	1	6	1	0	1	1	0	1	0	0	0	0	0	0
76	74	0	8	2	0	2	2	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	75	0	6	1	0	1	0	0	0	1	0	1	0	0	0
78	50	0	6	2	0	2	0	0	0	0	0	0	0	0	0
79	45	0	6	5	0	5	0	0	0	0	0	0	1	0	1
80	48	0	4	1	0	1	1	0	1	0	0	0	1	0	1
81	44	0	8	3	1	2	0	0	0	0	0	0	1	0	1
82	32	0	7	0	0	0	0	0	0	0	0	0	0	0	0
83	26	1	1	1	0	1	0	0	0	0	0	0	0	0	0
84	22	0	3	1	0	1	1	0	1	0	0	0	0	0	0
85	35	0	4	2	0	2	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	21	0	1	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	9	0	1	1	0	1	0	0	0	0	0	0	0	0	0
90	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
91	5	0	0	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	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
94	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
95	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
96	0	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	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	1	0	1	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	753	0	0	3	0	3	1	0	0	1	0	0	0	0	0
2015 TOTALS	11,662*	20	1,123	419	4	415	114*	4	81	36*	0	26	42*	1	39
* Includes 702 drivers with unknown injury severity and 9,817 with no injury								*Includes 29 motorcyclists with no injury				*Includes 1 bicyclist with unknown injury severity and 9 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	857	64.9	4	66.7	157	66.8
Turning left	83	6.3	0	0.0	20	8.5
Turning right	40	3.0	0	0.0	3	1.3
Stopped on roadway	46	3.5	0	0.0	5	2.1
In prior crash	2	0.2	0	0.0	0	0.0
Changing lanes	17	1.3	0	0.0	2	0.9
Backing	45	3.4	0	0.0	0	0.0
Slowing/stopping on roadway	97	7.3	0	0.0	14	6.0
Slowing/stopping other	3	0.2	0	0.0	1	0.4
Starting up on roadway	36	2.7	0	0.0	10	4.3
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	0.5	0	0.0	0	0.0
Entering roadway	27	2.0	1	16.7	4	1.7
Leaving roadway	7	0.5	0	0.0	2	0.9
Making U-turn	1	0.1	0	0.0	1	0.4
Overtaking or passing	13	1.0	0	0.0	3	1.3
Avoiding object	2	0.2	0	0.0	1	0.4
Avoiding animal	11	0.8	0	0.0	2	0.9
Avoiding pedestrian	0	0.0	0	0.0	0	0.0
Avoiding vehicle (front/back)	14	1.1	1	16.7	7	3.0
Avoiding vehicle (angle)	2	0.2	0	0.0	1	0.4
Driverless moving	0	0.0	0	0.0	0	0.0
Parked	6	0.5	0	0.0	1	0.4
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	1	0.1	0	0.0	0	0.0
Not in roadway	0	0.0	0	0.0	0	0.0
Other	1	0.1	0	0.0	1	0.4
Unknown	4	0.3	0	0.0	0	0.0
TOTAL	1,321	100.0	6	100.0	235	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	1	0.4
Cross center/median	2	0.2	0	0.0	0	0.0
Ran off road left	3	0.2	0	0.0	1	0.4
Ran off road right	6	0.5	0	0.0	1	0.4
Re-enter road	0	0.0	0	0.0	0	0.0
Overturn	64	4.8	2	33.3	22	9.4
Separation of units	1	0.1	0	0.0	0	0.0
Fire/explosion	0	0.0	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	3	0.2	0	0.0	1	0.4
Individual fell off	7	0.5	0	0.0	6	2.6
Other noncollision	5	0.4	0	0.0	2	0.9
SUBTOTAL	95	7.2	2	33.3	34	14.5

For drivers age 16-20 in the Upper Peninsula, an overturn is the most harmful event in a noncollision with the highest proportion of drivers in all crashes (4.8%), fatal crashes (33.3%), and injury crashes (9.4%).

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	2	0.2	0	0.0	2	0.9
Bicyclist	6	0.5	0	0.0	4	1.7
Motor vehicle in transport	745	56.4	3	50.0	131	55.7
Parked motor vehicle	48	3.6	0	0.0	1	0.4
Railway train	0	0.0	0	0.0	0	0.0
Animal	172	13.0	0	0.0	4	1.7
Other nonfixed objects	13	1.0	0	0.0	4	1.7
SUBTOTAL	986	74.6	3	50.0	146	62.1

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	1	0.1	0	0.0	0	0.0
Bridge parapet end*	---	---	---	---	---	---
Bridge rail	1	0.1	0	0.0	0	0.0
Guardrail face	12	0.9	0	0.0	3	1.3
Guardrail end	4	0.3	0	0.0	0	0.0
Median barrier	4	0.3	0	0.0	1	0.4
Highway traffic sign post	12	0.9	0	0.0	0	0.0
Highway signal post	0	0.0	0	0.0	0	0.0
Luminaire/light support*	17	1.3	0	0.0	6	2.6
Utility pole*	---	---	---	---	---	---
Other pole	3	0.2	0	0.0	0	0.0
Culvert	3	0.2	0	0.0	0	0.0
Curb	3	0.2	0	0.0	0	0.0
Ditch	56	4.2	0	0.0	9	3.8
Embankment	25	1.9	0	0.0	5	2.1
Fence	3	0.2	0	0.0	2	0.9
Mailbox	2	0.2	0	0.0	0	0.0
Tree	65	4.9	1	16.7	20	8.5
Rail crossing signal	0	0.0	0	0.0	0	0.0
Building	7	0.5	0	0.0	3	1.3
Traffic island	0	0.0	0	0.0	0	0.0
Fire hydrant	2	0.2	0	0.0	0	0.0
Impact attenuator	0	0.0	0	0.0	0	0.0
Other fixed object	17	1.3	0	0.0	5	2.1
SUBTOTAL	237	17.9	1	16.7	54	23.0

For drivers age 16-20 in the Upper Peninsula, a tree is the fixed object associated with the highest proportion of drivers in all crashes (4.9%), fatal crashes (16.7%), and injury crashes (8.5%).

	ALL CRASHES		FATAL CRASHES		INJURY CRASHES	
	Number of Drivers	% of Total	Number of Drivers	% of Total	Number of Drivers	% of Total
Unknown Event	3	0.2	0	0.0	1	0.4
MOST HARMFUL EVENT TOTAL	1,321	100.0	6	100.0	235	100.0

*Data not available for 2015. For a complete list of changes, see Data Elements with Changes for 2015 Data.

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	502	38.0	3	50.0	93	39.6
Head On	19	1.4	2	33.3	7	3.0
Head On - Left Turn	27	2.0	0	0.0	8	3.4
Angle	289	21.9	1	16.7	59	25.1
Rear End	279	21.1	0	0.0	49	20.9
Rear End - Left Turn	16	1.2	0	0.0	4	1.7
Rear End - Right Turn	17	1.3	0	0.0	0	0.0
Sideswipe - Same Direction	74	5.6	0	0.0	5	2.1
Sideswipe - Opposite Direction	32	2.4	0	0.0	1	0.4
Other/Unknown	66	5.0	0	0.0	9	3.8
TOTAL	1,321	100.0	6	100.0	235	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 (38.0%), fatal crashes (50.0%), and injury crashes (39.6%).

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	1,013	76.7	4	66.7	162	68.9
Median	5	0.4	0	0.0	0	0.0
Shoulder	102	7.7	0	0.0	19	8.1
Outside of Shoulder/Curb	166	12.6	2	33.3	45	19.1
Gore	12	0.9	0	0.0	3	1.3
Other/Unknown	23	1.7	0	0.0	6	2.6
TOTAL	1,321	100.0	6	100.0	235	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 (12.6%), fatal crashes (33.3%), and injury crashes (19.1%).

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	56	4.2	0	0.0	7	3.0
U.S. & Michigan Roads	605	45.8	2	33.3	119	50.6
County & City Roads	660	50.0	4	66.7	109	46.4
TOTAL	1,321	100.0	6	100.0	235	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	53	4.0	1	16.7	6	2.6
03:00 AM - 05:59 AM	33	2.5	1	16.7	11	4.7
06:00 AM - 08:59 AM	128	9.7	1	16.7	20	8.5
09:00 AM - 11:59 AM	154	11.7	0	0.0	30	12.8
12:00 PM - 02:59 PM	243	18.4	0	0.0	38	16.2
03:00 PM - 05:59 PM	351	26.6	0	0.0	70	29.8
06:00 PM - 08:59 PM	180	13.6	1	16.7	32	13.6
09:00 PM - 11:59 PM	178	13.5	2	33.3	27	11.5
Unknown	1	0.1	0	0.0	1	0.4
TOTAL	1,321	100.0	6	100.0	235	100.0

For drivers age 16-20 in the Upper Peninsula, the 3:00 - 5:59 PM time period has the highest proportion of drivers in all crashes (26.6%) and injury crashes (29.8%). The 9:00 - 11:59 PM time period has the highest proportion of drivers in fatal crashes (33.3%).

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	515	39.0	1	16.7	71	30.2	4	1.6
Speed too fast	221	16.7	0	0.0	44	18.7	75	30.0
Speed too slow	0	0.0	0	0.0	0	0.0	0	0.0
Failed to yield	134	10.1	0	0.0	30	12.8	49	19.6
Disregard traffic control	32	2.4	1	16.7	9	3.8	20	8.0
Drove wrong way	2	0.2	0	0.0	1	0.4	1	0.4
Drove left of center	8	0.6	0	0.0	0	0.0	1	0.4
Improper passing	5	0.4	0	0.0	0	0.0	2	0.8
Improper lane use	12	0.9	0	0.0	0	0.0	2	0.8
Improper turn	15	1.1	0	0.0	3	1.3	5	2.0
Improper/no signal	3	0.2	0	0.0	0	0.0	1	0.4
Improper backing	40	3.0	0	0.0	0	0.0	2	0.8
Unable to stop in assured clear distance	186	14.1	0	0.0	30	12.8	44	17.6
Reckless driving	8	0.6	1	16.7	6	2.6	6	2.4
Careless/negligent driving	82	6.2	1	16.7	29	12.3	31	12.4
Other	45	3.4	1	16.7	9	3.8	7	2.8
Unknown	13	1.0	1	16.7	3	1.3	0	0.0
TOTAL	1,321	100.0	6	100.0	235	100.0	250	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 (16.7%) and injury crashes (18.7%).

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	193	14.6	0	0.0	37	15.7
Tuesday	162	12.3	0	0.0	28	11.9
Wednesday	185	14.0	1	16.7	23	9.8
Thursday	197	14.9	0	0.0	36	15.3
Friday	222	16.8	2	33.3	38	16.2
Saturday	188	14.2	2	33.3	40	17.0
Sunday	174	13.2	1	16.7	33	14.0
TOTAL	1,321	100.0	6	100.0	235	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	728	55.1	5	83.3	127	54.0
Female	593	44.9	1	16.7	108	46.0
Unknown	0	0.0	0	0.0	0	0.0
TOTAL	1,321	100.0	6	100.0	235	100.0

For drivers age 16-20 in the Upper Peninsula, there is a greater proportion of female drivers in all crashes and injury crashes than in both the 21-64 and 65 and over age groups. In this group, male drivers (83.3%) account for almost five times that of female drivers (16.7%) 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	944	71.5	2	33.3	152	64.7
2 occupants	257	19.5	3	50.0	62	26.4
3 occupants	75	5.7	0	0.0	12	5.1
4 occupants	30	2.3	0	0.0	8	3.4
5 occupants	7	0.5	0	0.0	0	0.0
6 + occupants	5	0.4	1	16.7	1	0.4
0 occupants	2	0.2	0	0.0	0	0.0
Unknown	1	0.1	0	0.0	0	0.0
TOTAL	1,321	100.0	6	100.0	235	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	999	75.6	3	50.0	154	65.5
Van and Motorhome	24	1.8	0	0.0	4	1.7
Pickup	232	17.6	3	50.0	50	21.3
Small Truck (under 10,000 lbs.)	34	2.6	0	0.0	6	2.6
Motorcycle	11	0.8	0	0.0	7	3.0
Moped	3	0.2	0	0.0	2	0.9
Go Cart	0	0.0	0	0.0	0	0.0
Snowmobile	3	0.2	0	0.0	3	1.3
Off Road Vehicle	9	0.7	0	0.0	8	3.4
Other	3	0.2	0	0.0	1	0.4
Unknown	0	0.0	0	0.0	0	0.0
CDL Truck/Bus (breakdown below)	3	0.2	0	0.0	0	0.0
TOTAL NUMBER OF DRIVERS	1,321	100.0	6	100.0	235	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***	1	33.3	0	0.0	0	0.0
Other Truck	1	33.3	0	0.0	0	0.0
Unknown Truck	0	0.0	0	0.0	0	0.0
TOTAL NUMBER OF DRIVERS	3	100.0	0	100.0	0	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 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	5,278	66.7	18	72.0	808	62.7
Turning left	384	4.9	1	4.0	103	8.0
Turning right	230	2.9	0	0.0	37	2.9
Stopped on roadway	487	6.2	4	16.0	87	6.8
In prior crash	5	0.1	0	0.0	3	0.2
Changing lanes	77	1.0	0	0.0	8	0.6
Backing	291	3.7	0	0.0	9	0.7
Slowing/stopping on roadway	478	6.0	0	0.0	89	6.9
Slowing/stopping other	20	0.3	0	0.0	5	0.4
Starting up on roadway	147	1.9	0	0.0	30	2.3
Starting up other	7	0.1	0	0.0	1	0.1
Entering parking	25	0.3	0	0.0	4	0.3
Leaving parking	29	0.4	0	0.0	3	0.2
Entering roadway	105	1.3	0	0.0	25	1.9
Leaving roadway	15	0.2	0	0.0	6	0.5
Making U-turn	24	0.3	0	0.0	10	0.8
Overtaking or passing	60	0.8	0	0.0	15	1.2
Avoiding object	7	0.1	0	0.0	2	0.2
Avoiding animal	69	0.9	0	0.0	11	0.9
Avoiding pedestrian	0	0.0	0	0.0	0	0.0
Avoiding vehicle (front/back)	60	0.8	1	4.0	16	1.2
Avoiding vehicle (angle)	23	0.3	0	0.0	7	0.5
Driverless moving	2	0.0	0	0.0	0	0.0
Parked	73	0.9	0	0.0	6	0.5
Crossing at intersection	1	0.0	0	0.0	1	0.1
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	0.0	0	0.0	0	0.0
Other	5	0.1	0	0.0	0	0.0
Unknown	14	0.2	1	4.0	2	0.2
TOTAL	7,917	100.0	25	100.0	1,288	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	24	0.3	0	0.0	8	0.6
Cross center/median	5	0.1	0	0.0	0	0.0
Ran off road left	13	0.2	0	0.0	2	0.2
Ran off road right	36	0.5	0	0.0	4	0.3
Re-enter road	0	0.0	0	0.0	0	0.0
Overturn	212	2.7	2	8.0	92	7.1
Separation of units	1	0.0	0	0.0	1	0.1
Fire/explosion	12	0.2	0	0.0	2	0.2
Immersion	0	0.0	0	0.0	0	0.0
Jackknife	6	0.1	0	0.0	0	0.0
Downhill runaway	2	0.0	0	0.0	1	0.1
Cargo loss/shift	19	0.2	0	0.0	0	0.0
Individual fell off	17	0.2	1	4.0	15	1.2
Other noncollision	45	0.6	0	0.0	8	0.6
SUBTOTAL	392	5.0	3	12.0	133	10.3

For drivers age 21-64 in the Upper Peninsula, an overturn is the most harmful event in a noncollision with the highest proportion of drivers in all crashes (2.7%), fatal crashes (8.0%), and injury crashes (7.1%).

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	23	0.3	1	4.0	19	1.5
Bicyclist	17	0.2	0	0.0	13	1.0
Motor vehicle in transport	3,981	50.3	16	64.0	865	67.2
Parked motor vehicle	316	4.0	0	0.0	23	1.8
Railway train	0	0.0	0	0.0	0	0.0
Animal	2,211	27.9	0	0.0	34	2.6
Other nonfixed objects	126	1.6	1	4.0	10	0.8
SUBTOTAL	6,674	84.3	18	72.0	964	74.8

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	9	0.1	0	0.0	1	0.1
Bridge parapet end*	---	---	---	---	---	---
Bridge rail	10	0.1	0	0.0	2	0.2
Guardrail face	52	0.7	1	4.0	6	0.5
Guardrail end	16	0.2	0	0.0	4	0.3
Median barrier	9	0.1	0	0.0	1	0.1
Highway traffic sign post	45	0.6	0	0.0	4	0.3
Highway signal post	1	0.0	0	0.0	0	0.0
Luminaire/light support*	62	0.8	0	0.0	17	1.3
Utility pole*	---	---	---	---	---	---
Other pole	14	0.2	0	0.0	3	0.2
Culvert	8	0.1	0	0.0	4	0.3
Curb	13	0.2	0	0.0	2	0.2
Ditch	157	2.0	0	0.0	33	2.6
Embankment	90	1.1	1	4.0	11	0.9
Fence	7	0.1	0	0.0	0	0.0
Mailbox	46	0.6	0	0.0	4	0.3
Tree	220	2.8	2	8.0	77	6.0
Rail crossing signal	2	0.0	0	0.0	1	0.1
Building	13	0.2	0	0.0	6	0.5
Traffic island	0	0.0	0	0.0	0	0.0
Fire hydrant	7	0.1	0	0.0	2	0.2
Impact attenuator	1	0.0	0	0.0	1	0.1
Other fixed object	52	0.7	0	0.0	10	0.8
SUBTOTAL	834	10.5	4	16.0	189	14.7

For drivers age 21-64 in the Upper Peninsula, a tree is the fixed object associated with the highest proportion of drivers in all crashes (2.8%), fatal crashes (8.0%), and injury crashes (6.0%).

	ALL CRASHES		FATAL CRASHES		INJURY CRASHES	
	Number of Drivers	% of Total	Number of Drivers	% of Total	Number of Drivers	% of Total
Unknown Event	17	0.2	0	0.0	2	0.2
MOST HARMFUL EVENT TOTAL	7,917	100.0	25	100.0	1,288	100.0

*Data not available for 2015. For a complete list of changes, see Data Elements with Changes for 2015 Data.

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	3,447	43.5	9	36.0	361	28.0
Head On	129	1.6	5	20.0	56	4.3
Head On - Left Turn	141	1.8	2	8.0	54	4.2
Angle	1,485	18.8	4	16.0	354	27.5
Rear End	1,361	17.2	5	20.0	289	22.4
Rear End - Left Turn	117	1.5	0	0.0	34	2.6
Rear End - Right Turn	91	1.1	0	0.0	9	0.7
Sideswipe - Same Direction	485	6.1	0	0.0	38	3.0
Sideswipe - Opposite Direction	214	2.7	0	0.0	35	2.7
Other/Unknown	447	5.6	0	0.0	58	4.5
TOTAL	7,917	100.0	25	100.0	1,288	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 (43.5%), fatal crashes (36.0%), and injury crashes (28.0%).

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	6,727	85.0	17	68.0	1,003	77.9
Median	22	0.3	0	0.0	4	0.3
Shoulder	456	5.8	2	8.0	79	6.1
Outside of Shoulder/Curb	596	7.5	4	16.0	166	12.9
Gore	16	0.2	2	8.0	6	0.5
Other/Unknown	100	1.3	0	0.0	30	2.3
TOTAL	7,917	100.0	25	100.0	1,288	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 (7.5%), fatal crashes (16.0%), and injury crashes (12.9%).

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	364	4.6	4	16.0	53	4.1
U.S. & Michigan Roads	4,206	53.1	13	52.0	703	54.6
County & City Roads	3,347	42.3	8	32.0	532	41.3
TOTAL	7,917	100.0	25	100.0	1,288	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	269	3.4	2	8.0	44	3.4
03:00 AM - 05:59 AM	310	3.9	1	4.0	45	3.5
06:00 AM - 08:59 AM	1,077	13.6	0	0.0	143	11.1
09:00 AM - 11:59 AM	1,102	13.9	2	8.0	215	16.7
12:00 PM - 02:59 PM	1,471	18.6	3	12.0	297	23.1
03:00 PM - 05:59 PM	1,717	21.7	6	24.0	300	23.3
06:00 PM - 08:59 PM	1,214	15.3	4	16.0	173	13.4
09:00 PM - 11:59 PM	753	9.5	7	28.0	70	5.4
Unknown	4	0.1	0	0.0	1	0.1
TOTAL	7,917	100.0	25	100.0	1,288	100.0

For drivers age 21-64 in the Upper Peninsula, the 3:00 - 5:59 PM time period has the highest proportion of drivers in all crashes (21.7%) and injury crashes (23.3%). The 9:00 - 11:59 PM time period has the highest proportion of fatal 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	4,747	60.0	9	36.0	577	44.8	5	0.6
Speed too fast	755	9.5	2	8.0	171	13.3	214	25.5
Speed too slow	6	0.1	0	0.0	2	0.2	2	0.2
Failed to yield	579	7.3	1	4.0	145	11.3	181	21.6
Disregard traffic control	94	1.2	1	4.0	26	2.0	45	5.4
Drove wrong way	6	0.1	0	0.0	2	0.2	2	0.2
Drove left of center	47	0.6	1	4.0	11	0.9	14	1.7
Improper passing	24	0.3	0	0.0	9	0.7	7	0.8
Improper lane use	78	1.0	1	4.0	11	0.9	10	1.2
Improper turn	66	0.8	1	4.0	11	0.9	9	1.1
Improper/no signal	19	0.2	0	0.0	3	0.2	3	0.4
Improper backing	225	2.8	0	0.0	5	0.4	12	1.4
Unable to stop in assured clear distance	610	7.7	0	0.0	123	9.5	142	16.9
Reckless driving	44	0.6	3	12.0	22	1.7	21	2.5
Careless/negligent driving	291	3.7	2	8.0	95	7.4	124	14.8
Other	226	2.9	1	4.0	52	4.0	42	5.0
Unknown	100	1.3	3	12.0	23	1.8	6	0.7
TOTAL	7,917	100.0	25	100.0	1,288	100.0	839	100.0

After no hazardous action, the second highest hazardous action category for drivers age 21-64 in the Upper Peninsula for all crashes (9.5%) and injury crashes (25.5%) occurs when the driver's speed is too fast. The second highest hazardous actions for drivers in fatal crashes are reckless driving and unknown (12.0%).

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	1,087	13.7	1	4.0	197	15.3
Tuesday	1,096	13.8	3	12.0	168	13.0
Wednesday	1,190	15.0	3	12.0	173	13.4
Thursday	1,259	15.9	2	8.0	193	15.0
Friday	1,372	17.3	9	36.0	213	16.5
Saturday	1,039	13.1	1	4.0	189	14.7
Sunday	874	11.0	6	24.0	155	12.0
TOTAL	7,917	100.0	25	100.0	1,288	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	4,551	57.5	19	76.0	727	56.4
Female	3,364	42.5	6	24.0	561	43.6
Unknown	2	0.0	0	0.0	0	0.0
TOTAL	7,917	100.0	25	100.0	1,288	100.0

For drivers age 21-64 in the Upper Peninsula, male drivers (76.0%) account for over three times that of female drivers (24.0%) 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	6,062	76.6	18	72.0	899	69.8
2 occupants	1,221	15.4	2	8.0	252	19.6
3 occupants	336	4.2	3	12.0	75	5.8
4 occupants	166	2.1	2	8.0	37	2.9
5 occupants	59	0.7	0	0.0	17	1.3
6 + occupants	35	0.4	0	0.0	4	0.3
0 occupants	32	0.4	0	0.0	3	0.2
Unknown	6	0.1	0	0.0	1	0.1
TOTAL	7,917	100.0	25	100.0	1,288	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	5,328	67.3	13	52.0	820	63.7
Van and Motorhome	310	3.9	0	0.0	49	3.8
Pickup	1,745	22.0	5	20.0	240	18.6
Small Truck (under 10,000 lbs.)	136	1.7	0	0.0	26	2.0
Motorcycle	65	0.8	4	16.0	48	3.7
Moped	9	0.1	0	0.0	7	0.5
Go Cart	0	0.0	0	0.0	0	0.0
Snowmobile	34	0.4	0	0.0	22	1.7
Off Road Vehicle	27	0.3	0	0.0	25	1.9
Other	31	0.4	0	0.0	6	0.5
Unknown	0	0.0	0	0.0	0	0.0
CDL Truck/Bus (breakdown below)	232	2.9	3	12.0	45	3.5
TOTAL NUMBER OF DRIVERS	7,917	100.0	25	100.0	1,288	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*	138	59.5	1	33.3	25	55.6
Commercial Vehicle: Group B**	47	20.3	1	33.3	10	22.2
Commercial Vehicle: Group C***	6	2.6	0	0.0	3	6.7
Other Truck	22	9.5	1	33.3	6	13.3
Unknown Truck	19	8.2	0	0.0	1	2.2
TOTAL NUMBER OF DRIVERS	232	100.0	3	100.0	45	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	1,018	62.0	4	44.4	157	54.9
Turning left	141	8.6	1	11.1	52	18.2
Turning right	46	2.8	0	0.0	6	2.1
Stopped on roadway	116	7.1	3	33.3	22	7.7
In prior crash	2	0.1	0	0.0	1	0.3
Changing lanes	19	1.2	0	0.0	2	0.7
Backing	70	4.3	0	0.0	2	0.7
Slowing/stopping on roadway	76	4.6	1	11.1	13	4.5
Slowing/stopping other	4	0.2	0	0.0	0	0.0
Starting up on roadway	42	2.6	0	0.0	12	4.2
Starting up other	1	0.1	0	0.0	0	0.0
Entering parking	5	0.3	0	0.0	0	0.0
Leaving parking	8	0.5	0	0.0	0	0.0
Entering roadway	38	2.3	0	0.0	11	3.8
Leaving roadway	4	0.2	0	0.0	2	0.7
Making U-turn	4	0.2	0	0.0	0	0.0
Overtaking or passing	14	0.9	0	0.0	2	0.7
Avoiding object	1	0.1	0	0.0	0	0.0
Avoiding animal	4	0.2	0	0.0	0	0.0
Avoiding pedestrian	0	0.0	0	0.0	0	0.0
Avoiding vehicle (front/back)	5	0.3	0	0.0	2	0.7
Avoiding vehicle (angle)	6	0.4	0	0.0	1	0.3
Driverless moving	0	0.0	0	0.0	0	0.0
Parked	14	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	0	0.0	0	0.0	0	0.0
Other	0	0.0	0	0.0	0	0.0
Unknown	3	0.2	0	0.0	0	0.0
TOTAL	1,641	100.0	9	100.0	286	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	3	0.2	0	0.0	1	0.3
Cross center/median	2	0.1	0	0.0	1	0.3
Ran off road left	1	0.1	0	0.0	0	0.0
Ran off road right	8	0.5	1	11.1	2	0.7
Re-enter road	1	0.1	0	0.0	0	0.0
Overturn	22	1.3	0	0.0	10	3.5
Separation of units	0	0.0	0	0.0	0	0.0
Fire/explosion	3	0.2	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	1	0.1	0	0.0	0	0.0
Cargo loss/shift	1	0.1	0	0.0	0	0.0
Individual fell off	3	0.2	0	0.0	3	1.0
Other noncollision	7	0.4	0	0.0	2	0.7
SUBTOTAL	52	3.2	1	11.1	19	6.6

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 drivers in all crashes (1.3%) and injury crashes (3.5%). Running off the road right is the most harmful event in a noncollision for fatal crashes (11.1%).

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	4	0.2	0	0.0	4	1.4
Bicyclist	7	0.4	0	0.0	4	1.4
Motor vehicle in transport	920	56.1	6	66.7	204	71.3
Parked motor vehicle	65	4.0	0	0.0	5	1.7
Railway train	0	0.0	0	0.0	0	0.0
Animal	428	26.1	0	0.0	7	2.4
Other nonfixed objects	24	1.5	0	0.0	1	0.3
SUBTOTAL	1,448	88.2	6	66.7	225	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*	---	---	---	---	---	---
Bridge rail	1	0.1	0	0.0	0	0.0
Guardrail face	6	0.4	0	0.0	1	0.3
Guardrail end	3	0.2	0	0.0	2	0.7
Median barrier	2	0.1	0	0.0	2	0.7
Highway traffic sign post	11	0.7	0	0.0	0	0.0
Highway signal post	0	0.0	0	0.0	0	0.0
Luminaire/light support*	7	0.4	0	0.0	2	0.7
Utility pole*	---	---	---	---	---	---
Other pole	2	0.1	0	0.0	0	0.0
Culvert	2	0.1	0	0.0	0	0.0
Curb	1	0.1	0	0.0	1	0.3
Ditch	21	1.3	0	0.0	4	1.4
Embankment	16	1.0	0	0.0	5	1.7
Fence	0	0.0	0	0.0	0	0.0
Mailbox	8	0.5	0	0.0	0	0.0
Tree	36	2.2	2	22.2	17	5.9
Rail crossing signal	2	0.1	0	0.0	1	0.3
Building	2	0.1	0	0.0	1	0.3
Traffic island	0	0.0	0	0.0	0	0.0
Fire hydrant	3	0.2	0	0.0	2	0.7
Impact attenuator	0	0.0	0	0.0	0	0.0
Other fixed object	14	0.9	0	0.0	3	1.0
SUBTOTAL	137	8.3	2	22.2	41	14.3

For drivers age 65 and over in the Upper Peninsula, a tree is the fixed object associated with the highest proportion of drivers in all crashes (2.2%), fatal crashes (22.2%), and injury crashes (5.9%).

	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	1,641	100.0	9	100.0	286	100.0

*Data not available for 2015. For a complete list of changes, see Data Elements with Changes for 2015 Data.

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	618	37.7	3	33.3	64	22.4
Head On	20	1.2	1	11.1	10	3.5
Head On - Left Turn	44	2.7	0	0.0	21	7.3
Angle	376	22.9	1	11.1	86	30.1
Rear End	247	15.1	4	44.4	58	20.3
Rear End - Left Turn	23	1.4	0	0.0	8	2.8
Rear End - Right Turn	23	1.4	0	0.0	1	0.3
Sideswipe - Same Direction	122	7.4	0	0.0	10	3.5
Sideswipe - Opposite Direction	41	2.5	0	0.0	9	3.1
Other/Unknown	127	7.7	0	0.0	19	6.6
TOTAL	1,641	100.0	9	100.0	286	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 (37.7%), rear end crashes for fatal crashes (44.4%), and angle crashes for injury crashes (30.1%).

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	1,454	88.6	8	88.9	237	82.9
Median	4	0.2	0	0.0	1	0.3
Shoulder	73	4.4	0	0.0	18	6.3
Outside of Shoulder/Curb	78	4.8	1	11.1	23	8.0
Gore	2	0.1	0	0.0	0	0.0
Other/Unknown	30	1.8	0	0.0	7	2.4
TOTAL	1,641	100.0	9	100.0	286	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 outside the shoulder/curb for all crashes (4.8%), fatal crashes (11.1%), and injury crashes (8.0%).

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	80	4.9	3	33.3	14	4.9
U.S. & Michigan Roads	911	55.5	2	22.2	169	59.1
County & City Roads	650	39.6	4	44.4	103	36.0
TOTAL	1,641	100.0	9	100.0	286	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	17	1.0	0	0.0	3	1.0
03:00 AM - 05:59 AM	15	0.9	0	0.0	0	0.0
06:00 AM - 08:59 AM	142	8.7	1	11.1	18	6.3
09:00 AM - 11:59 AM	315	19.2	2	22.2	56	19.6
12:00 PM - 02:59 PM	420	25.6	1	11.1	90	31.5
03:00 PM - 05:59 PM	420	25.6	4	44.4	85	29.7
06:00 PM - 08:59 PM	214	13.0	1	11.1	26	9.1
09:00 PM - 11:59 PM	98	6.0	0	0.0	8	2.8
Unknown	0	0.0	0	0.0	0	0.0
TOTAL	1,641	100.0	9	100.0	286	100.0

For drivers age 65 and over in the Upper Peninsula, the 12:00 - 2:59 PM and 3:00 - 5:59 PM time periods have the highest proportion of drivers in all crashes (25.6%). The 3:00 - 5:59 PM time period has the highest proportion of drivers in fatal crashes (44.4%) and the 12:00 - 2:59 PM time period has the highest proportion of 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	964	58.7	4	44.4	132	46.2	1	0.7
Speed too fast	73	4.4	0	0.0	20	7.0	9	6.3
Speed too slow	1	0.1	0	0.0	1	0.3	0	0.0
Failed to yield	237	14.4	2	22.2	67	23.4	70	49.0
Disregard traffic control	24	1.5	0	0.0	6	2.1	8	5.6
Drove wrong way	4	0.2	0	0.0	0	0.0	2	1.4
Drove left of center	9	0.5	0	0.0	2	0.7	2	1.4
Improper passing	12	0.7	0	0.0	3	1.0	0	0.0
Improper lane use	30	1.8	0	0.0	4	1.4	4	2.8
Improper turn	19	1.2	0	0.0	3	1.0	3	2.1
Improper/no signal	3	0.2	0	0.0	0	0.0	1	0.7
Improper backing	55	3.4	0	0.0	1	0.3	3	2.1
Unable to stop in assured clear distance	102	6.2	0	0.0	17	5.9	18	12.6
Reckless driving	0	0.0	0	0.0	0	0.0	0	0.0
Careless/negligent driving	44	2.7	2	22.2	13	4.5	18	12.6
Other	38	2.3	0	0.0	9	3.1	4	2.8
Unknown	26	1.6	1	11.1	8	2.8	0	0.0
TOTAL	1,641	100.0	9	100.0	286	100.0	143	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 (14.4%) and injury crashes (23.4%) 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	208	12.7	0	0.0	31	10.8
Tuesday	236	14.4	1	11.1	35	12.2
Wednesday	279	17.0	2	22.2	54	18.9
Thursday	283	17.2	1	11.1	47	16.4
Friday	281	17.1	3	33.3	49	17.1
Saturday	193	11.8	1	11.1	34	11.9
Sunday	161	9.8	1	11.1	36	12.6
TOTAL	1,641	100.0	9	100.0	286	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	1,015	61.9	6	66.7	164	57.3
Female	625	38.1	3	33.3	122	42.7
Unknown	1	0.1	0	0.0	0	0.0
TOTAL	1,641	100.0	9	100.0	286	100.0

For drivers age 65 and over in the Upper Peninsula, there were 6 male drivers (66.7%) and 3 female drivers (33.3%) 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	1,232	75.1	5	55.6	206	72.0
2 occupants	354	21.6	3	33.3	67	23.4
3 occupants	26	1.6	1	11.1	8	2.8
4 occupants	10	0.6	0	0.0	2	0.7
5 occupants	7	0.4	0	0.0	1	0.3
6 + occupants	4	0.2	0	0.0	2	0.7
0 occupants	8	0.5	0	0.0	0	0.0
Unknown	0	0.0	0	0.0	0	0.0
TOTAL	1,641	100.0	9	100.0	286	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	1,175	71.6	7	77.8	193	67.5
Van and Motorhome	62	3.8	1	11.1	15	5.2
Pickup	336	20.5	1	11.1	52	18.2
Small Truck (under 10,000 lbs.)	19	1.2	0	0.0	2	0.7
Motorcycle	20	1.2	0	0.0	16	5.6
Moped	1	0.1	0	0.0	1	0.3
Go Cart	0	0.0	0	0.0	0	0.0
Snowmobile	2	0.1	0	0.0	1	0.3
Off Road Vehicle	4	0.2	0	0.0	2	0.7
Other	5	0.3	0	0.0	1	0.3
Unknown	1	0.1	0	0.0	0	0.0
CDL Truck/Bus (breakdown below)	16	1.0	0	0.0	3	1.0
TOTAL NUMBER OF DRIVERS	1,641	100.0	9	100.0	286	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*	8	50.0	0	0.0	1	33.3
Commercial Vehicle: Group B**	5	31.3	0	0.0	2	66.7
Commercial Vehicle: Group C***	0	0.0	0	0.0	0	0.0
Other Truck	1	6.3	0	0.0	0	0.0
Unknown Truck	2	12.5	0	0.0	0	0.0
TOTAL NUMBER OF DRIVERS	16	100.0	0	0.0	3	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.

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