



UPPER PENINSULA DRIVER AGE 25-64

DRIVER ACTION PRIOR TO CRASH	All Crashes		Fatal Crashes		Injury Crashes	
	Number of Drivers	% of Total	Number	% of Total	Number	% of Total
Going straight ahead	7,297	70.6	26	76.5	1,034	62.2
Turning left	392	3.8	1	2.9	111	6.7
Turning right	195	1.9	0	0.0	28	1.7
Stopped on roadway	539	5.2	0	0.0	125	7.5
In prior crash	7	0.1	0	0.0	2	0.1
Changing lanes	88	0.9	0	0.0	9	0.5
Backing	308	3.0	0	0.0	6	0.4
Slowing/stopping on roadway	458	4.4	2	5.9	101	6.1
Slowing/stopping other	17	0.2	0	0.0	5	0.3
Starting up on roadway	151	1.5	1	2.9	43	2.6
Starting up other	12	0.1	0	0.0	3	0.2
Entering parking	23	0.2	0	0.0	1	0.1
Leaving parking	22	0.2	0	0.0	1	0.1
Entering roadway	105	1.0	0	0.0	23	1.4
Leaving roadway	20	0.2	0	0.0	7	0.4
Making U-turn	18	0.2	0	0.0	8	0.5
Overtaking or passing	84	0.8	1	2.9	18	1.1
Avoiding object	17	0.2	0	0.0	8	0.5
Avoiding animal	73	0.7	0	0.0	17	1.0
Avoiding pedestrian	4	0.0	0	0.0	0	0.0
Avoiding vehicle (front/back)	95	0.9	2	5.9	32	1.9
Avoiding vehicle (angle)	26	0.3	0	0.0	6	0.4
Driverless moving	1	0.0	0	0.0	0	0.0
Parked	37	0.4	1	2.9	6	0.4
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	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	3	0.0	0	0.0	1	0.1
Playing in roadway	2	0.0	0	0.0	1	0.1
In roadway other reason	1	0.0	0	0.0	0	0.0
Not in roadway	0	0.0	0	0.0	0	0.0
Other	2	0.0	0	0.0	0	0.0
Unknown	335	3.2	0	0.0	66	4.0
Total Drivers	10,334	100.0	34	100.0	1,663	100.0



UPPER PENINSULA DRIVER AGE 25-64 (continued)

MOST HARMFUL EVENT IN A NONCOLLISION	All Crashes		Fatal Crashes		Injury Crashes	
	Number of Drivers	% of Total	Number	% of Total	Number	% of Total
Loss of control	32	0.3	0	0.0	10	0.6
Cross center/median	9	0.1	0	0.0	4	0.2
Ran off road left	20	0.2	0	0.0	4	0.2
Ran off road right	48	0.5	0	0.0	5	0.3
Re-enter road	1	0.0	0	0.0	1	0.1
Overturn	325	3.1	4	11.8	163	9.8
Separation of units	11	0.1	0	0.0	2	0.1
Fire/explosion	26	0.3	0	0.0	6	0.4
Immersion	0	0.0	0	0.0	0	0.0
Jackknife	14	0.1	0	0.0	0	0.0
Downhill runaway	12	0.1	0	0.0	5	0.3
Cargo loss/shift	18	0.2	0	0.0	2	0.1
Individual fell off	26	0.3	1	2.9	23	1.4
Other noncollision	29	0.3	0	0.0	5	0.3
NONCOLLISION Subtotal	571	5.5	5	14.7	230	13.8

MOST HARMFUL EVENT IN A COLLISION WITH A NONFIXED OBJECT	All Crashes		Fatal Crashes		Injury Crashes	
	Number of Drivers	% of Total	Number	% of Total	Number	% of Total
Pedestrian	25	0.2	2	5.9	20	1.2
Pedalcycle (Bicyclist)	29	0.3	1	2.9	21	1.3
Motor vehicle in transport	3,876	37.5	20	58.8	963	57.9
Parked motor vehicle	243	2.4	1	2.9	17	1.0
Railway train	5	0.0	0	0.0	2	0.1
Animal	4,066	39.3	0	0.0	93	5.6
Other nonfixed objects	124	1.2	0	0.0	10	0.6
COLLISION NONFIXED Subtotal	8,368	81.0	24	70.6	1,126	67.7

The 25-64 year-old driver age group has the highest incidence of "animal" as the nonfixed object in a collision, surpassing motor vehicle in transport (the top nonfixed object for the other two age groups). Though numerous (4,066), none of these crashes involved a fatality. 3,940 (96.9%) of these 4,066 crashes were reported as deer involved/associated.



UPPER PENINSULA DRIVER AGE 25-64 (continued)

MOST HARMFUL EVENT IN A COLLISION WITH A FIXED OBJECT	All Crashes		Fatal Crashes		Injury Crashes	
	Number of Drivers	% of Total	Number	% of Total	Number	% of Total
Bridge/pier/abutment	5	0.0	0	0.0	0	0.0
Bridge parapet end	3	0.0	0	0.0	0	0.0
Bridge rail	5	0.0	0	0.0	1	0.1
Guardrail face	60	0.6	1	2.9	10	0.6
Guardrail end	10	0.1	1	2.9	0	0.0
Median barrier	6	0.1	0	0.0	3	0.2
Highway traffic sign post	43	0.4	0	0.0	1	0.1
Signal post	5	0.0	0	0.0	0	0.0
Luminaire/light support	13	0.1	0	0.0	2	0.1
Utility pole	67	0.6	1	2.9	17	1.0
Other pole	22	0.2	0	0.0	1	0.1
Culvert	3	0.0	0	0.0	0	0.0
Curb	13	0.1	0	0.0	0	0.0
Ditch	144	1.4	0	0.0	43	2.6
Embankment	69	0.7	0	0.0	20	1.2
Fence	17	0.2	0	0.0	0	0.0
Mailbox	48	0.5	0	0.0	4	0.2
Tree	281	2.7	1	2.9	92	5.5
Rail crossing signal	2	0.0	0	0.0	0	0.0
Building	19	0.2	0	0.0	4	0.2
Traffic island	2	0.0	0	0.0	0	0.0
Fire hydrant	10	0.1	0	0.0	0	0.0
Impact attenuator	0	0.0	0	0.0	0	0.0
Other fixed object	73	0.7	1	2.9	30	1.8
COLLISION FIXED Subtotal	920	8.9	5	14.7	228	13.7

	All Crashes		Fatal Crashes		Injury Crashes	
	Number of Drivers	% of Total	Number	% of Total	Number	% of Total
Unknown Event	475	4.6	0	0.0	79	4.8
TOTAL MOST HARMFUL EVENT	10,334	100.0	34	100.0	1,663	100.0



UPPER PENINSULA DRIVER AGE 25-64 (continued)

CRASH TYPE	All Crashes		Fatal Crashes		Injury Crashes	
	Number of Drivers	% of Total	Number	% of Fatal	Number	% of Injury
Single Vehicle	5,770	55.8	12	35.3	571	34.3
Head On	153	1.5	5	14.7	68	4.1
Head On - Left Turn	141	1.4	0	0.0	73	4.4
Angle	1,658	16.0	12	35.3	465	28.0
Rear End	1,308	12.7	3	8.8	321	19.3
Rear End - Left Turn	124	1.2	0	0.0	35	2.1
Rear End - Right Turn	90	0.9	0	0.0	16	1.0
Sideswipe - Same Direction	467	4.5	2	5.9	38	2.3
Sideswipe - Opposite Direct	219	2.1	0	0.0	37	2.2
Other/Unknown	404	3.9	0	0.0	39	2.3
Total Drivers	10,334	100.0	34	100.0	1,663	100.0

RELATIONSHIP TO ROADWAY (LOCATION OF FIRST IMPACT IN CRASH)	All Crashes		Fatal Crashes		Injury Crashes	
	Number of Drivers	% of Total	Number	% of Fatal	Number	% of Injury
On Road	8,476	82.0	22	64.7	1,208	72.6
Median	18	0.2	0	0.0	11	0.7
Shoulder	458	4.4	4	11.8	110	6.6
Outside of Shoulder/Curb	738	7.1	4	11.8	229	13.8
Gore	12	0.1	0	0.0	3	0.2
Other/Unknown	632	6.1	4	11.8	102	6.1
Total Drivers	10,334	100.0	34	100.0	1,663	100.0

ROADWAY TYPE IN CRASH	All Crashes		Fatal Crashes		Injury Crashes	
	Number of Drivers	% of Total	Number	% of Fatal	Number	% of Injury
Interstate Routes	417	4.0	0	0.0	68	4.1
U.S. & Michigan Roads	5,552	53.7	25	73.5	933	56.1
County & City Roads	4,365	42.2	9	26.5	662	39.8
Total Drivers	10,334	100.0	34	100.0	1,663	100.0



UPPER PENINSULA DRIVER AGE 25-64 (continued)

TIME OF DAY IN CRASH	All Crashes		Fatal Crashes		Injury Crashes	
	Number of Drivers	% of Total	Number	% of Fatal	Number	% of Injury
12:00 mid. - 02:59 a.m.	409	4.0	3	8.8	72	4.3
03:00 a.m. - 05:59 a.m.	518	5.0	3	8.8	54	3.2
06:00 a.m. - 08:59 a.m.	1,426	13.8	4	11.8	174	10.5
09:00 a.m. - 11:59 a.m.	1,321	12.8	3	8.8	246	14.8
12:00 noon - 02:59 p.m.	1,614	15.6	8	23.5	318	19.1
03:00 p.m. - 05:59 p.m.	2,015	19.5	7	20.6	435	26.2
06:00 p.m. - 08:59 p.m.	1,737	16.8	2	5.9	222	13.3
09:00 p.m. - 11:59 p.m.	1,251	12.1	4	11.8	135	8.1
Unknown	43	0.4	0	0.0	7	0.4
Total Drivers	10,334	100.0	34	100.0	1,663	100.0

HAZARDOUS ACTION	All Crashes		Fatal Crashes		Injury Crashes		Hazardous Citation Issued	
	Number of Drivers	% of Total	Number	% of Fatal	Number	% of Injury	Number	% of Issued
None	6,738	65.2	15	44.1	795	47.8	4	0.5
Speed too fast	772	7.5	4	11.8	228	13.7	220	25.5
Speed too slow	8	0.1	0	0.0	3	0.2	1	0.1
Failed to yield	555	5.4	1	2.9	155	9.3	195	22.6
Disregard traffic control	83	0.8	1	2.9	32	1.9	37	4.3
Drove wrong way	9	0.1	0	0.0	2	0.1	1	0.1
Drove left of center	53	0.5	1	2.9	20	1.2	13	1.5
Improper passing	28	0.3	0	0.0	3	0.2	4	0.5
Improper lane use	110	1.1	0	0.0	12	0.7	14	1.6
Improper turn	67	0.6	0	0.0	12	0.7	15	1.7
Improper/no signal	19	0.2	0	0.0	3	0.2	4	0.5
Improper backing	243	2.4	0	0.0	4	0.2	14	1.6
Unable to stop in assured clear distance	562	5.4	1	2.9	135	8.1	116	13.5
Reckless driving	21	0.2	1	2.9	9	0.5	9	1.0
Careless/Negligent driving	288	2.8	4	11.8	105	6.3	142	16.5
Other	293	2.8	3	8.8	77	4.6	55	6.4
Unknown	485	4.7	3	8.8	68	4.1	18	2.1
Total Drivers	10,334	100.0	34	100.0	1,663	100.0	862	100.0



UPPER PENINSULA DRIVER AGE 25-64 (continued)

DAY OF WEEK IN CRASH	All Crashes		Fatal Crashes		Injury Crashes	
	Number of Drivers	% of Total	Number	% of Fatal	Number	% of Injury
Sunday	1,118	10.8	14	41.2	177	10.6
Monday	1,468	14.2	3	8.8	219	13.2
Tuesday	1,480	14.3	3	8.8	242	14.6
Wednesday	1,552	15.0	2	5.9	228	13.7
Thursday	1,474	14.3	1	2.9	262	15.8
Friday	1,798	17.4	8	23.5	312	18.8
Saturday	1,444	14.0	3	8.8	223	13.4
Total Drivers	10,334	100.0	34	100.0	1,663	100.0

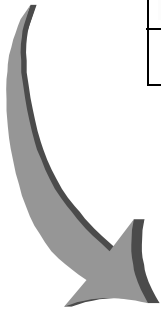
DRIVER GENDER IN CRASH	All Crashes		Fatal Crashes		Injury Crashes	
	Number of Drivers	% of Total	Number	% of Fatal	Number	% of Injury
Male	6,205	60.0	27	79.4	951	57.2
Female	4,111	39.8	7	20.6	708	42.6
Unknown	18	0.2	0	0.0	4	0.2
Total Drivers	10,334	100.0	34	100.0	1,663	100.0

OCCUPANTS IN MOTOR VEHICLE	All Crashes		Fatal Crashes		Injury Crashes	
	Number of Drivers	% of Total	Number	% of Fatal	Number	% of Injury
1 occupant	7,427	71.9	23	67.6	1,139	68.5
2 occupants	1,856	18.0	9	26.5	327	19.7
3 occupants	520	5.0	1	2.9	110	6.6
4 occupants	246	2.4	1	2.9	44	2.6
5 occupants	85	0.8	0	0.0	15	0.9
6 + occupants	64	0.6	0	0.0	12	0.7
0 occupants	25	0.2	0	0.0	3	0.2
Unknown	111	1.1	0	0.0	13	0.8
Total Drivers	10,334	100.0	34	100.0	1,663	100.0



UPPER PENINSULA DRIVER AGE 25-64 (continued)

VEHICLE TYPE CRASH INVOLVEMENT	All Crashes		Fatal Crashes		Injury Crashes	
	Number of Drivers	% of Total	Number	% of Fatal	Number	% of Injury
Passenger Car and Station Wagon	5,685	55.0	10	29.4	893	53.7
Van and Motorhome	849	8.2	1	2.9	119	7.2
Pickup	2,772	26.8	14	41.2	355	21.3
Small Truck (under 10,000 lbs.)	415	4.0	0	0.0	65	3.9
Motorcycle	125	1.2	4	11.8	101	6.1
Moped	5	0.0	0	0.0	4	0.2
Go Cart	0	0.0	0	0.0	0	0.0
Snowmobile	40	0.4	0	0.0	27	1.6
Off Road Vehicle	28	0.3	1	2.9	24	1.4
Other	50	0.5	0	0.0	10	0.6
Unknown	17	0.2	0	0.0	6	0.4
CDL Truck/Bus (breakdown below)	348	3.4	4	11.8	59	3.5
Total Number of Drivers	10,334	100.0	34	100.0	1,663	100.0



CDL Truck/Bus Sub-category Types	All Crashes		Fatal Crashes		Injury Crashes	
	Number of Drivers	% of Total	Number	% of Fatal	Number	% of Injury
Commercial Vehicle: Group A	191	54.9	1	25.0	36	61.0
Commercial Vehicle: Group B	88	25.3	3	75.0	17	28.8
Commercial Vehicle: Group C	15	4.3	0	0.0	2	3.4
Other Truck	5	1.4	0	0.0	0	0.0
Unknown Truck	49	14.1	0	0.0	4	6.8
Total Number of Drivers	348	100.0	4	100.0	59	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.