

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	197,965	52.7	790	76.0	42,249	51.5
Turning left	23,823	6.3	53	5.1	6,198	7.6
Turning right	9,661	2.6	9	0.9	1,475	1.8
Stopped on roadway	46,497	12.4	37	3.6	12,313	15.0
In prior crash	607	0.2	0	0.0	174	0.2
Changing lanes	7,819	2.1	13	1.3	1,102	1.3
Backing	8,763	2.3	7	0.7	404	0.5
Slowing/stopping on roadway	38,173	10.2	31	3.0	8,657	10.6
Slowing/stopping other	568	0.2	1	0.1	131	0.2
Starting up on roadway	7,394	2.0	13	1.3	1,688	2.1
Starting up other	280	0.1	2	0.2	72	0.1
Entering parking	420	0.1	1	0.1	46	0.1
Leaving parking	1,071	0.3	0	0.0	206	0.3
Entering roadway	5,014	1.3	5	0.5	1,139	1.4
Leaving roadway	650	0.2	6	0.6	214	0.3
Making U-turn	715	0.2	0	0.0	175	0.2
Overtaking or passing	2,766	0.7	22	2.1	519	0.6
Avoiding object	477	0.1	2	0.2	117	0.1
Avoiding animal	909	0.2	1	0.1	217	0.3
Avoiding pedestrian	94	0.0	1	0.1	41	0.0
Avoiding vehicle (front/back)	3,550	0.9	24	2.3	900	1.1
Avoiding vehicle (angle)	1,720	0.5	14	1.3	434	0.5
Driverless moving	61	0.0	0	0.0	14	0.0
Parked	2,156	0.6	2	0.2	206	0.3
Crossing at intersection	21	0.0	0	0.0	6	0.0
Crossing not at intersection	16	0.0	0	0.0	3	0.0
Getting on/off vehicle	3	0.0	0	0.0	0	0.0
In roadway with traffic	2	0.0	0	0.0	1	0.0
In roadway against traffic	27	0.0	0	0.0	6	0.0
Standing/lying in roadway	3	0.0	0	0.0	1	0.0
Pushing/working on vehicle	4	0.0	0	0.0	0	0.0
Other working in roadway	206	0.1	0	0.0	50	0.1
Playing in roadway	27	0.0	0	0.0	9	0.0
In roadway other reason	15	0.0	0	0.0	5	0.0
Not in roadway	82	0.0	0	0.0	12	0.0
Other	95	0.0	1	0.1	32	0.0
Unknown	14,017	3.7	5	0.5	3,216	3.9
Total Drivers	375,671	100.0	1,040	100.0	82,032	100.0

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	1,319	0.4	0	0.0	350	0.4
Cross center/median	283	0.1	0	0.0	79	0.1
Ran off road left	425	0.1	1	0.1	89	0.1
Ran off road right	748	0.2	0	0.0	156	0.2
Re-enter road	63	0.0	0	0.0	19	0.0
Overturn	5,150	1.4	72	6.9	2,480	3.0
Separation of units	1,576	0.4	2	0.2	348	0.4
Fire/explosion	437	0.1	6	0.6	44	0.1
Immersion	34	0.0	1	0.1	5	0.0
Jackknife	255	0.1	0	0.0	30	0.0
Downhill runaway	906	0.2	0	0.0	225	0.3
Cargo loss/shift	584	0.2	1	0.1	67	0.1
Individual fell off	297	0.1	9	0.9	221	0.3
Other noncollision	1,025	0.3	3	0.3	200	0.2
NONCOLLISION Subtotal	13,102	3.5	95	9.1	4,313	5.3

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	1,201	0.3	82	7.9	963	1.2
Pedalcycle (Bicyclist)	1,090	0.3	11	1.1	833	1.0
Motor vehicle in transport	254,348	67.7	678	65.2	62,463	76.1
Parked motor vehicle	6,242	1.7	16	1.5	689	0.8
Railway train	178	0.0	6	0.6	60	0.1
Animal	46,374	12.3	1	0.1	827	1.0
Other nonfixed objects	4,054	1.1	4	0.4	342	0.4
COLLISION NONFIXED Subtotal	313,487	83.4	798	76.7	66,177	80.7

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	432	0.1	3	0.3	83	0.1
Bridge parapet end	117	0.0	0	0.0	23	0.0
Bridge rail	307	0.1	0	0.0	61	0.1
Guardrail face	2,143	0.6	2	0.2	435	0.5
Guardrail end	320	0.1	0	0.0	88	0.1
Median barrier	2,256	0.6	4	0.4	696	0.8
Highway traffic sign post	1,444	0.4	1	0.1	117	0.1
Signal post	168	0.0	0	0.0	24	0.0
Luminaire/light support	360	0.1	3	0.3	85	0.1
Utility pole	1,897	0.5	4	0.4	640	0.8
Other pole	610	0.2	4	0.4	113	0.1
Culvert	297	0.1	3	0.3	110	0.1
Curb	939	0.2	2	0.2	157	0.2
Ditch	4,347	1.2	8	0.8	1,073	1.3
Embankment	1,035	0.3	7	0.7	287	0.3
Fence	658	0.2	0	0.0	85	0.1
Mailbox	1,081	0.3	1	0.1	59	0.1
Tree	5,754	1.5	87	8.4	1,903	2.3
Rail crossing signal	61	0.0	0	0.0	3	0.0
Building	400	0.1	9	0.9	138	0.2
Traffic island	23	0.0	0	0.0	2	0.0
Fire hydrant	311	0.1	0	0.0	61	0.1
Impact attenuator	30	0.0	0	0.0	14	0.0
Other fixed object	1,980	0.5	8	0.8	441	0.5
COLLISION FIXED Subtotal	26,970	7.2	146	14.0	6,698	8.2

	All Crashes		Fatal Crashes		Injury Crashes	
	Number of Drivers	% of Total	Number	% of Total	Number	% of Total
Unknown Event	22,112	5.9	1	0.1	4,844	5.9
TOTAL MOST HARMFUL EVENT	375,671	100.0	1,040	100.0	82,032	100.0

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	84,570	22.5	279	26.8	11,071	13.5
Head On	6,274	1.7	220	21.2	2,749	3.4
Head On - Left Turn	11,889	3.2	46	4.4	4,699	5.7
Angle	80,599	21.5	259	24.9	23,090	28.1
Rear End	121,973	32.5	105	10.1	30,813	37.6
Rear End - Left Turn	4,817	1.3	12	1.2	1,416	1.7
Rear End - Right Turn	4,211	1.1	0	0.0	742	0.9
Sideswipe - Same Direction	35,329	9.4	20	1.9	3,458	4.2
Sideswipe - Opposite Direct	9,627	2.6	35	3.4	1,396	1.7
Other	15,560	4.1	64	6.2	2,443	3.0
Unknown	822	0.2	0	0.0	155	0.2
Total Drivers	375,671	100.0	1,040	100.0	82,032	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	332,082	88.4	823	79.1	71,355	87.0
Median	1,915	0.5	8	0.8	566	0.7
Shoulder	9,480	2.5	56	5.4	2,197	2.7
Outside of Shoulder/Curb	16,141	4.3	124	11.9	4,575	5.6
Gore	482	0.1	1	0.1	129	0.2
Other/Unknown	15,571	4.1	28	2.7	3,210	3.9
Total Drivers	375,671	100.0	1,040	100.0	82,032	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	45,425	12.1	140	13.5	10,253	12.5
U.S. & Michigan Roads	112,653	30.0	382	36.7	25,193	30.7
County & City Roads	217,593	57.9	518	49.8	46,586	56.8
Total Drivers	375,671	100.0	1,040	100.0	82,032	100.0

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.	12,711	3.4	103	9.9	2,987	3.6
03:00 a.m. - 05:59 a.m.	12,523	3.3	46	4.4	1,989	2.4
06:00 a.m. - 08:59 a.m.	52,978	14.1	116	11.2	10,215	12.5
09:00 a.m. - 11:59 a.m.	48,593	12.9	122	11.7	10,986	13.4
12:00 noon - 02:59 p.m.	68,724	18.3	184	17.7	16,815	20.5
03:00 p.m. - 05:59 p.m.	95,930	25.5	193	18.6	22,240	27.1
06:00 p.m. - 08:59 p.m.	53,881	14.3	144	13.8	10,837	13.2
09:00 p.m. - 11:59 p.m.	27,478	7.3	124	11.9	5,429	6.6
Unknown	2,853	0.8	8	0.8	534	0.7
Total Drivers	375,671	100.0	1,040	100.0	82,032	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	207,759	55.3	483	46.4	42,015	51.2	485	0.7
Speed too fast	19,868	5.3	124	11.9	5,085	6.2	5,823	8.9
Speed too slow	1,179	0.3	4	0.4	270	0.3	458	0.7
Failed to yield	28,286	7.5	50	4.8	7,569	9.2	15,289	23.4
Disregard traffic control	6,929	1.8	35	3.4	2,812	3.4	3,897	6.0
Drove wrong way	464	0.1	6	0.6	127	0.2	157	0.2
Drove left of center	1,927	0.5	44	4.2	614	0.7	700	1.1
Improper passing	1,790	0.5	6	0.6	241	0.3	694	1.1
Improper lane use	7,059	1.9	13	1.3	872	1.1	2,958	4.5
Improper turn	3,488	0.9	5	0.5	569	0.7	1,417	2.2
Improper/no signal	470	0.1	1	0.1	75	0.1	113	0.2
Improper backing	6,406	1.7	1	0.1	208	0.3	1,847	2.8
Unable to stop in assured clear distance	46,669	12.4	25	2.4	10,980	13.4	22,811	34.8
Reckless driving	1,282	0.3	32	3.1	533	0.6	623	1.0
Careless/Negligent driving	6,499	1.7	47	4.5	2,251	2.7	3,485	5.3
Other	12,978	3.5	49	4.7	3,025	3.7	3,586	5.5
Unknown	22,618	6.0	115	11.1	4,786	5.8	1,112	1.7
Total Drivers	375,671	100.0	1,040	100.0	82,032	100.0	65,455	100.0

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	32,531	8.7	128	12.3	7,536	9.2
Monday	54,553	14.5	130	12.5	11,864	14.5
Tuesday	57,462	15.3	135	13.0	12,116	14.8
Wednesday	60,230	16.0	144	13.8	12,770	15.6
Thursday	58,583	15.6	154	14.8	12,394	15.1
Friday	68,164	18.1	161	15.5	15,001	18.3
Saturday	44,148	11.8	188	18.1	10,351	12.6
Total Drivers	375,671	100.0	1,040	100.0	82,032	100.0

DRIVER GENDER IN CRASH	All Crashes		Fatal Crashes		Injury Crashes	
	Number of Drivers	% of Total	Number	% of Fatal	Number	% of Injury
Male	213,978	57.0	753	72.4	44,501	54.2
Female	160,490	42.7	286	27.5	37,276	45.4
Unknown	1,203	0.3	1	0.1	255	0.3
Total Drivers	375,671	100.0	1,040	100.0	82,032	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	273,522	72.8	708	68.1	55,834	68.1
2 occupants	58,438	15.6	211	20.3	15,172	18.5
3 occupants	17,264	4.6	62	6.0	4,809	5.9
4 occupants	7,751	2.1	30	2.9	2,204	2.7
5 occupants	2,678	0.7	8	0.8	831	1.0
6 + occupants	2,878	0.8	8	0.8	713	0.9
0 occupants	6,516	1.7	4	0.4	1,157	1.4
Unknown	6,624	1.8	9	0.9	1,312	1.6
Total Drivers	375,671	100.0	1,040	100.0	82,032	100.0

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	244,991	65.2	545	52.4	54,569	66.5
Van and Motorhome	33,385	8.9	66	6.3	7,409	9.0
Pickup	63,823	17.0	176	16.9	11,773	14.4
Small Truck (under 10,000 lbs.)	13,557	3.6	37	3.6	2,843	3.5
Motorcycle	2,480	0.7	67	6.4	1,828	2.2
Moped	155	0.0	1	0.1	98	0.1
Go Cart	7	0.0	0	0.0	4	0.0
Snowmobile	240	0.1	14	1.3	157	0.2
Off Road Vehicle	93	0.0	4	0.4	81	0.1
Other	1,147	0.3	8	0.8	241	0.3
Unknown	1,154	0.3	0	0.0	246	0.3
CDL Truck/Bus (breakdown below)	14,639	3.9	122	11.7	2,783	3.4
Total Number of Drivers	375,671	100.0	1,040	100.0	82,032	100.0

NOTES:

- 1) School bus is not recorded on the UD-10 and cannot be broken out of CDL Truck/Bus.
- 2) These crashes involve a motor vehicle in transport on a public trafficway (in Michigan) and result in injury, death, or at least \$1,000 in property damage.

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	7,608	52.0	71	58.2	1,467	52.7
Commercial Vehicle: Group B	3,226	22.0	30	24.6	610	21.9
Commercial Vehicle: Group C	433	3.0	1	0.8	76	2.7
Other Truck	606	4.1	6	4.9	109	3.9
Unknown Truck	2,766	18.9	14	11.5	521	18.7
Total Number of Drivers	14,639	100.0	122	100.0	2,783	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.

