

DRIVER AGE 16-24

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	82,474	51.5	342	78.4	20,465	53.6
Turning left	13,244	8.3	18	4.1	3,795	9.9
Turning right	4,262	2.7	5	1.1	702	1.8
Stopped on roadway	12,267	7.7	7	1.6	2,945	7.7
In prior crash	220	0.1	0	0.0	67	0.2
Changing lanes	4,055	2.5	9	2.1	589	1.5
Backing	3,103	1.9	0	0.0	175	0.5
Slowing/stopping on roadway	15,175	9.5	10	2.3	3,242	8.5
Slowing/stopping other	184	0.1	0	0.0	44	0.1
Starting up on roadway	3,073	1.9	5	1.1	818	2.1
Starting up other	93	0.1	0	0.0	21	0.1
Entering parking	147	0.1	0	0.0	23	0.1
Leaving parking	513	0.3	0	0.0	101	0.3
Entering roadway	2,770	1.7	5	1.1	666	1.7
Leaving roadway	368	0.2	5	1.1	112	0.3
Making U-turn	318	0.2	1	0.2	95	0.2
Overtaking or passing	1,532	1.0	9	2.1	361	0.9
Avoiding object	256	0.2	0	0.0	78	0.2
Avoiding animal	720	0.4	0	0.0	208	0.5
Avoiding pedestrian	51	0.0	4	0.9	29	0.1
Avoiding vehicle (front/back)	1,578	1.0	4	0.9	397	1.0
Avoiding vehicle (angle)	677	0.4	1	0.2	184	0.5
Driverless moving	20	0.0	0	0.0	4	0.0
Parked	385	0.2	0	0.0	56	0.1
Crossing at intersection	37	0.0	0	0.0	33	0.1
Crossing not at intersection	25	0.0	0	0.0	22	0.1
Getting on/off vehicle	1	0.0	0	0.0	1	0.0
In roadway with traffic	3	0.0	0	0.0	3	0.0
In roadway against traffic	3	0.0	0	0.0	2	0.0
Standing/lying in roadway	2	0.0	0	0.0	2	0.0
Pushing/working on vehicle	3	0.0	0	0.0	1	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	7	0.0	0	0.0	6	0.0
Not in roadway	3	0.0	0	0.0	2	0.0
Other	160	0.1	1	0.2	53	0.1
Unknown	12,274	7.7	10	2.3	2,870	7.5
Total Drivers	160,003	100.0	436	100.0	38,172	100.0

DRIVER AGE 16-24 (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	748	0.5	0	0.0	235	0.6
Cross center/median	131	0.1	1	0.2	42	0.1
Ran off road left	222	0.1	0	0.0	49	0.1
Ran off road right	378	0.2	0	0.0	73	0.2
Re-enter road	19	0.0	0	0.0	6	0.0
Overturn	3,177	2.0	33	7.6	1,513	4.0
Separation of units	193	0.1	0	0.0	41	0.1
Fire/explosion	184	0.1	5	1.1	29	0.1
Immersion	16	0.0	1	0.2	1	0.0
Jackknife	29	0.0	0	0.0	7	0.0
Downhill runaway	14	0.0	0	0.0	3	0.0
Cargo loss/shift	99	0.1	0	0.0	12	0.0
Individual fell off	123	0.1	2	0.5	87	0.2
Other noncollision	388	0.2	0	0.0	88	0.2
NONCOLLISION Subtotal	5,721	3.6	42	9.6	2,186	5.7

Teens and young adults have the highest incidence of overturn in fatal crashes when compared to the other two age groups (25-64 and 65 & over).

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	503	0.3	32	7.3	421	1.1
Pedalcycle	412	0.3	4	0.9	317	0.8
Motor vehicle in transport	101,429	63.4	239	54.8	25,290	66.3
Parked motor vehicle	2,832	1.8	1	0.2	352	0.9
Railway train	22	0.0	2	0.5	6	0.0
Animal	9,671	6.0	0	0.0	232	0.6
Other nonfixed objects	1,114	0.7	0	0.0	117	0.3
COLLISION NONFIXED Subtotal	115,983	72.5	278	63.8	26,735	70.0

DRIVER AGE 16-24 (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	143	0.1	0	0.0	50	0.1
Bridge parapet end	32	0.0	0	0.0	5	0.0
Bridge rail	123	0.1	0	0.0	24	0.1
Guardrail face	988	0.6	2	0.5	181	0.5
Guardrail end	181	0.1	2	0.5	53	0.1
Median barrier	916	0.6	1	0.2	298	0.8
Highway traffic sign post	873	0.5	1	0.2	60	0.2
Signal post	69	0.0	0	0.0	11	0.0
Luminaire/light support	177	0.1	1	0.2	38	0.1
Utility pole	1,247	0.8	11	2.5	424	1.1
Other pole	319	0.2	0	0.0	49	0.1
Culvert	261	0.2	1	0.2	103	0.3
Curb	760	0.5	0	0.0	73	0.2
Ditch	3,089	1.9	4	0.9	761	2.0
Embankment	602	0.4	3	0.7	191	0.5
Fence	450	0.3	0	0.0	52	0.1
Mailbox	738	0.5	1	0.2	52	0.1
Tree	4,503	2.8	67	15.4	1,619	4.2
Rail crossing signal	16	0.0	0	0.0	2	0.0
Building	237	0.1	2	0.5	76	0.2
Traffic island	12	0.0	0	0.0	0	0.0
Fire hydrant	189	0.1	0	0.0	47	0.1
Impact attenuator	15	0.0	0	0.0	5	0.0
Other fixed object	943	0.6	4	0.9	185	0.5
COLLISION FIXED Subtotal	16,883	10.6	100	22.9	4,359	11.4

Teens and young adults have the highest incidence of collision with ditches and trees in crashes when compared to the other two age groups.

	All Crashes		Fatal Crashes		Injury Crashes	
	Number of Drivers	% of Total	Number	% of Total	Number	% of Total
Unknown Event	21,416	13.4	16	3.7	4,892	12.8
TOTAL MOST HARMFUL EVENT	160,003	100.0	436	100.0	38,172	100.0

DRIVER AGE 16-24 (continued)

CRASH TYPE	All Crashes		Fatal Crashes		Injury Crashes	
	Number of Drivers	% of Total	Number	% of Fatal	Number	% of Injury
Single Vehicle	34,931	21.8	165	37.8	7,223	18.9
Head On	2,893	1.8	86	19.7	1,287	3.4
Head On - Left Turn	6,478	4.0	11	2.5	2,636	6.9
Angle	36,810	23.0	129	29.6	10,754	28.2
Rear End	50,775	31.7	22	5.0	12,042	31.5
Rear End - Left Turn	2,397	1.5	1	0.2	669	1.8
Rear End - Right Turn	1,472	0.9	0	0.0	230	0.6
Sideswipe - Same Direction	13,095	8.2	4	0.9	1,350	3.5
Sideswipe - Opposite Direct	3,631	2.3	5	1.1	543	1.4
Other	5,807	3.6	13	3.0	1,115	2.9
Unknown	1,714	1.1	0	0.0	323	0.8
Total Drivers	160,003	100.0	436	100.0	38,172	100.0

Teen and young adult drivers are involved in the largest proportion of single vehicle fatal crashes when compared to the other two age groups.

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	137,114	85.7	311	71.3	31,928	83.6
Median	934	0.6	5	1.1	292	0.8
Shoulder	5,807	3.6	35	8.0	1,418	3.7
Outside of Shoulder/Curb	12,344	7.7	80	18.3	3,598	9.4
Gore	324	0.2	1	0.2	94	0.2
Other/Unknown	3,480	2.2	4	0.9	842	2.2
Total Drivers	160,003	100.0	436	100.0	38,172	100.0

When compared to the other two age groups in all crashes, teen and young adult drivers have the highest incidence of crashes where the first impact is on the shoulder of the roadway or outside the shoulder/curb.

ROADWAY TYPE IN CRASH	All Crashes		Fatal Crashes		Injury Crashes	
	Number of Drivers	% of Total	Number	% of Fatal	Number	% of Injury
Interstate Routes	7,896	4.9	28	6.4	1,828	4.8
U.S. & Michigan Roads	33,313	20.8	95	21.8	7,758	20.3
County & City Roads	118,794	74.2	313	71.8	28,586	74.9
Total Drivers	160,003	100.0	436	100.0	38,172	100.0

Please see foreword regarding roadway type classification issue.

DRIVER AGE 16-24 (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.	8,270	5.2	73	16.7	2,261	5.9
03:00 a.m. - 05:59 a.m.	3,878	2.4	31	7.1	997	2.6
06:00 a.m. - 08:59 a.m.	15,871	9.9	41	9.4	3,444	9.0
09:00 a.m. - 11:59 a.m.	14,897	9.3	32	7.3	3,518	9.2
12:00 noon – 02:59 p.m.	27,389	17.1	41	9.4	6,874	18.0
03:00 p.m. - 05:59 p.m.	39,914	24.9	74	17.0	9,643	25.3
06:00 p.m. - 08:59 p.m.	24,199	15.1	71	16.3	5,698	14.9
09:00 p.m. - 11:59 p.m.	16,492	10.3	62	14.2	3,786	9.9
Unknown	9,093	5.7	11	2.5	1,951	5.1
Total Drivers	160,003	100.0	436	100.0	38,172	100.0

6:00 PM to 2:59 AM shows the highest involvement for teen and young adult drivers in all crashes compared to the other two age groups.

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	63,661	39.8	103	23.6	13,451	35.2	139	0.3
Speed too fast	14,815	9.3	96	22.0	3,915	10.3	5,709	12.4
Speed too slow	250	0.2	1	0.2	54	0.1	96	0.2
Failed to yield	17,292	10.8	36	8.3	5,039	13.2	10,347	22.5
Disregard traffic control	3,843	2.4	37	8.5	1,665	4.4	2,466	5.4
Drove wrong way	85	0.1	2	0.5	23	0.1	40	0.1
Drove left of center	894	0.6	17	3.9	294	0.8	400	0.9
Improper passing	1,117	0.7	5	1.1	177	0.5	489	1.1
Improper lane use	3,225	2.0	1	0.2	390	1.0	1,589	3.5
Improper turn	1,685	1.1	0	0.0	333	0.9	818	1.8
Improper/no signal	209	0.1	0	0.0	31	0.1	65	0.1
Improper backing	2,304	1.4	0	0.0	81	0.2	800	1.7
Unable to stop in assured clear distance	29,079	18.2	7	1.6	6,669	17.5	16,054	34.9
Reckless driving	1,033	0.6	22	5.0	429	1.1	571	1.2
Careless\Negligent driving	4,911	3.1	29	6.7	1,773	4.6	3,047	6.6
Other	6,256	3.9	30	6.9	1,656	4.3	1,979	4.3
Unknown	9,344	5.8	50	11.5	2,192	5.7	1,395	3.0
Total Drivers	160,003	100.0	436	100.0	38,172	100.0	46,004	100.0

Compared to the other two age groups, teen and young adult drivers have the highest incidence of fatal crashes when their speed is too fast. In all crashes they are “unable to stop in assured clear distance” more often than older drivers.

DRIVER AGE 16-24 (continued)

DAY OF WEEK IN CRASH	All Crashes		Fatal Crashes		Injury Crashes	
	Number of Drivers	% of Total	Number	% of Fatal	Number	% of Injury
Sunday	16,345	10.2	67	15.4	4,196	11.0
Monday	23,218	14.5	56	12.8	5,451	14.3
Tuesday	23,216	14.5	51	11.7	5,375	14.1
Wednesday	23,669	14.8	61	14.0	5,517	14.5
Thursday	23,436	14.6	54	12.4	5,419	14.2
Friday	28,438	17.8	63	14.4	6,823	17.9
Saturday	21,681	13.6	84	19.3	5,391	14.1
Total Drivers	160,003	100.0	436	100.0	38,172	100.0

The weekend shows higher involvement of teen and young adult drivers in all crashes when compared to the other two age groups.

DRIVER GENDER IN CRASH	All Crashes		Fatal Crashes		Injury Crashes	
	Number of Drivers	% of Total	Number	% of Fatal	Number	% of Injury
Male	88,251	55.2	311	71.3	20,046	52.5
Female	67,687	42.3	119	27.3	17,204	45.1
Unknown	4,065	2.5	6	1.4	922	2.4
Total Drivers	160,003	100.0	436	100.0	38,172	100.0

NUMBER OF OCCUPANTS IN MOTOR VEHICLE	All Crashes		Fatal Crashes		Injury Crashes	
	Number of Drivers	% of Total	Number	% of Fatal	Number	% of Injury
1 occupant	103,608	64.8	235	53.9	22,391	58.7
2 occupants	34,189	21.4	122	28.0	9,336	24.5
3 occupants	9,498	5.9	49	11.2	2,910	7.6
4 occupants	3,651	2.3	17	3.9	1,205	3.2
5 occupants	907	0.6	8	1.8	338	0.9
6 + occupants	351	0.2	0	0.0	122	0.3
0 occupants	451	0.3	0	0.0	72	0.2
Unknown	7,348	4.6	5	1.1	1,798	4.7
Total Drivers	160,003	100.0	436	100.0	38,172	100.0

DRIVER AGE 16-24 (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	124,201	77.6	317	72.7	29,991	78.6
Van and Motorhome	5,343	3.3	13	3.0	1,234	3.2
Pickup	22,274	13.9	68	15.6	4,653	12.2
Small Truck (under 10,000 lbs.)	3,123	2.0	8	1.8	721	1.9
Motorcycle	524	0.3	16	3.7	401	1.1
Moped	46	0.0	0	0.0	31	0.1
Go Cart	4	0.0	0	0.0	3	0.0
Snowmobile	79	0.0	1	0.2	49	0.1
Off Road Vehicle	83	0.1	2	0.5	67	0.2
Other	185	0.1	1	0.2	58	0.2
Unknown	3,343	2.1	5	1.1	807	2.1
CDL Truck/Bus (breakdown below)	798	0.5	5	1.1	157	0.4
Total Number of Drivers	160,003	100.0	436	100.0	38,172	100.0

Special Note: School bus is not recorded on the UD-10 and cannot be broken out of CDL Truck/Bus.

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	244	30.6	3	60.0	47	29.9
Commercial Vehicle: Group B	207	25.9	2	40.0	41	26.1
Commercial Vehicle: Group C	39	4.9	0	0.0	8	5.1
Other Truck	92	11.5	0	0.0	22	14.0
Unknown Truck	216	27.1	0	0.0	39	24.8
Total Number of Drivers	798	100.0	5	100.0	157	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.