

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	80,052	53.3	299	75.5	19,397	55.7
Turning left	12,509	8.3	21	5.3	3,418	9.8
Turning right	4,059	2.7	2	0.5	617	1.8
Stopped on roadway	12,180	8.1	0	0.0	2,931	8.4
In prior crash	264	0.2	0	0.0	66	0.2
Changing lanes	4,042	2.7	9	2.3	634	1.8
Backing	2,909	1.9	3	0.8	162	0.5
Slowing/stopping on roadway	15,924	10.6	9	2.3	3,190	9.2
Slowing/stopping other	245	0.2	1	0.3	52	0.1
Starting up on roadway	3,030	2.0	4	1.0	742	2.1
Starting up other	113	0.1	2	0.5	31	0.1
Entering parking	118	0.1	0	0.0	19	0.1
Leaving parking	531	0.4	0	0.0	96	0.3
Entering roadway	2,759	1.8	5	1.3	699	2.0
Leaving roadway	360	0.2	6	1.5	105	0.3
Making U-turn	309	0.2	0	0.0	79	0.2
Overtaking or passing	1,488	1.0	14	3.5	346	1.0
Avoiding object	241	0.2	1	0.3	72	0.2
Avoiding animal	675	0.4	0	0.0	191	0.5
Avoiding pedestrian	50	0.0	2	0.5	23	0.1
Avoiding vehicle (front/back)	1,742	1.2	11	2.8	432	1.2
Avoiding vehicle (angle)	699	0.5	2	0.5	186	0.5
Driverless moving	28	0.0	0	0.0	3	0.0
Parked	497	0.3	1	0.3	56	0.2
Crossing at intersection	14	0.0	0	0.0	5	0.0
Crossing not at intersection	4	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	4	0.0	0	0.0	2	0.0
In roadway against traffic	8	0.0	0	0.0	1	0.0
Standing/lying in roadway	1	0.0	0	0.0	1	0.0
Pushing/working on vehicle	8	0.0	0	0.0	3	0.0
Other working in roadway	117	0.1	0	0.0	26	0.1
Playing in roadway	16	0.0	0	0.0	1	0.0
In roadway other reason	7	0.0	0	0.0	3	0.0
Not in roadway	15	0.0	0	0.0	5	0.0
Other	49	0.0	0	0.0	13	0.0
Unknown	5,150	3.4	4	1.0	1,243	3.6
Total Drivers	150,220	100.0	396	100.0	34,853	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	797	0.5	0	0.0	250	0.7
Cross center/median	138	0.1	0	0.0	39	0.1
Ran off road left	282	0.2	0	0.0	62	0.2
Ran off road right	440	0.3	0	0.0	97	0.3
Re-enter road	41	0.0	0	0.0	18	0.1
Overturn	3,540	2.4	24	6.1	1,673	4.8
Separation of units	714	0.5	0	0.0	166	0.5
Fire/explosion	190	0.1	2	0.5	30	0.1
Immersion	21	0.0	0	0.0	4	0.0
Jackknife	62	0.0	0	0.0	5	0.0
Downhill runaway	352	0.2	0	0.0	82	0.2
Cargo loss/shift	137	0.1	0	0.0	20	0.1
Individual fell off	115	0.1	2	0.5	90	0.3
Other noncollision	387	0.3	0	0.0	60	0.2
NONCOLLISION Subtotal	7,216	4.8	28	7.1	2,596	7.4

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	473	0.3	32	8.1	394	1.1
Pedalcycle (Bicyclist)	360	0.2	4	1.0	291	0.8
Motor vehicle in transport	102,654	68.3	223	56.3	24,594	70.6
Parked motor vehicle	2,861	1.9	4	1.0	370	1.1
Railway train	72	0.0	0	0.0	18	0.1
Animal	10,171	6.8	0	0.0	255	0.7
Other nonfixed objects	1,083	0.7	0	0.0	115	0.3
COLLISION NONFIXED Subtotal	117,674	78.3	263	66.4	26,037	74.7

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	150	0.1	2	0.5	33	0.1
Bridge parapet end	38	0.0	0	0.0	10	0.0
Bridge rail	140	0.1	1	0.3	34	0.1
Guardrail face	1,228	0.8	3	0.8	240	0.7
Guardrail end	199	0.1	1	0.3	58	0.2
Median barrier	1,261	0.8	1	0.3	368	1.1
Highway traffic sign post	1,003	0.7	1	0.3	55	0.2
Signal post	81	0.1	1	0.3	5	0.0
Luminaire/light support	202	0.1	0	0.0	28	0.1
Utility pole	1,260	0.8	12	3.0	436	1.3
Other pole	343	0.2	0	0.0	53	0.2
Culvert	235	0.2	1	0.3	90	0.3
Curb	685	0.5	0	0.0	75	0.2
Ditch	3,159	2.1	5	1.3	750	2.2
Embankment	674	0.4	4	1.0	185	0.5
Fence	485	0.3	1	0.3	56	0.2
Mailbox	780	0.5	0	0.0	53	0.2
Tree	4,344	2.9	63	15.9	1,577	4.5
Rail crossing signal	23	0.0	0	0.0	5	0.0
Building	234	0.2	4	1.0	72	0.2
Traffic island	11	0.0	1	0.3	1	0.0
Fire hydrant	209	0.1	1	0.3	32	0.1
Impact attenuator	16	0.0	0	0.0	7	0.0
Other fixed object	1,043	0.7	2	0.5	218	0.6
COLLISION FIXED Subtotal	17,803	11.9	104	26.3	4,441	12.7

Teens and young adults have the highest incidence of collision with ditches and trees in all 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	7,527	5.0	1	0.3	1,779	5.1
TOTAL MOST HARMFUL EVENT	150,220	100.0	396	100.0	34,853	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	33,926	22.6	152	38.4	6,900	19.8
Head On	2,648	1.8	80	20.2	1,177	3.4
Head On - Left Turn	5,472	3.6	19	4.8	2,177	6.2
Angle	35,236	23.5	95	24.0	9,966	28.6
Rear End	47,846	31.9	24	6.1	10,992	31.5
Rear End - Left Turn	2,311	1.5	1	0.3	664	1.9
Rear End - Right Turn	1,540	1.0	0	0.0	234	0.7
Sideswipe - Same Direction	12,459	8.3	3	0.8	1,261	3.6
Sideswipe - Opposite Direct	3,567	2.4	11	2.8	519	1.5
Other	4,948	3.3	11	2.8	893	2.6
Unknown	267	0.2	0	0.0	70	0.2
Total Drivers	150,220	100.0	396	100.0	34,853	100.0

Teen and young adult drivers are involved in the largest proportion of single vehicle 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	125,535	83.6	273	68.9	28,365	81.4
Median	1,047	0.7	6	1.5	288	0.8
Shoulder	5,588	3.7	30	7.6	1,398	4.0
Outside of Shoulder/Curb	11,577	7.7	71	17.9	3,330	9.6
Gore	289	0.2	0	0.0	75	0.2
Other/Unknown	6,184	4.1	16	4.0	1,397	4.0
Total Drivers	150,220	100.0	396	100.0	34,853	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	15,105	10.1	30	7.6	3,537	10.1
U.S. & Michigan Roads	42,075	28.0	122	30.8	9,757	28.0
County & City Roads	93,040	61.9	244	61.6	21,559	61.9
Total Drivers	150,220	100.0	396	100.0	34,853	100.0

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.	8,137	5.4	64	16.2	1,955	5.6
03:00 a.m. - 05:59 a.m.	3,880	2.6	21	5.3	998	2.9
06:00 a.m. - 08:59 a.m.	15,262	10.2	31	7.8	3,309	9.5
09:00 a.m. - 11:59 a.m.	15,766	10.5	39	9.8	3,672	10.5
12:00 noon – 02:59 p.m.	27,041	18.0	54	13.6	6,528	18.7
03:00 p.m. - 05:59 p.m.	39,984	26.6	67	16.9	9,350	26.8
06:00 p.m. - 08:59 p.m.	23,340	15.5	51	12.9	5,315	15.2
09:00 p.m. - 11:59 p.m.	15,640	10.4	66	16.7	3,492	10.0
Unknown	1,170	0.8	3	0.8	234	0.7
Total Drivers	150,220	100.0	396	100.0	34,853	100.0

3:00 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	57,748	38.4	94	23.7	11,772	33.8	266	0.6
Speed too fast	14,877	9.9	74	18.7	3,767	10.8	5,564	12.4
Speed too slow	682	0.5	0	0.0	164	0.5	346	0.8
Failed to yield	16,858	11.2	36	9.1	4,762	13.7	10,131	22.6
Disregard traffic control	3,817	2.5	17	4.3	1,508	4.3	2,538	5.7
Drove wrong way	238	0.2	0	0.0	75	0.2	112	0.3
Drove left of center	994	0.7	24	6.1	346	1.0	448	1.0
Improper passing	963	0.6	2	0.5	148	0.4	454	1.0
Improper lane use	3,030	2.0	2	0.5	391	1.1	1,519	3.4
Improper turn	1,518	1.0	1	0.3	261	0.7	757	1.7
Improper/no signal	230	0.2	0	0.0	34	0.1	72	0.2
Improper backing	2,089	1.4	1	0.3	83	0.2	783	1.7
Unable to stop in assured clear distance	27,703	18.4	9	2.3	6,186	17.7	15,505	34.6
Reckless driving	1,094	0.7	27	6.8	478	1.4	580	1.3
Careless/Negligent driving	5,086	3.4	40	10.1	1,806	5.2	3,092	6.9
Other	5,654	3.8	30	7.6	1,404	4.0	1,915	4.3
Unknown	7,639	5.1	39	9.8	1,668	4.8	686	1.5
Total Drivers	150,220	100.0	396	100.0	34,853	100.0	44,768	100.0

Compared to the other two age groups, teen and young adult drivers have the highest incidence of crash involvement 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	15,737	10.5	51	12.9	3,819	11.0
Monday	20,798	13.8	52	13.1	4,750	13.6
Tuesday	21,585	14.4	56	14.1	4,876	14.0
Wednesday	22,717	15.1	53	13.4	5,061	14.5
Thursday	22,087	14.7	39	9.8	5,028	14.4
Friday	27,643	18.4	63	15.9	6,450	18.5
Saturday	19,653	13.1	82	20.7	4,869	14.0
Total Drivers	150,220	100.0	396	100.0	34,853	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	82,797	55.1	278	70.2	18,425	52.9
Female	67,016	44.6	117	29.5	16,327	46.8
Unknown	407	0.3	1	0.3	101	0.3
Total Drivers	150,220	100.0	396	100.0	34,853	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	100,557	66.9	212	53.5	21,377	61.3
2 occupants	31,171	20.8	115	29.0	8,223	23.6
3 occupants	8,743	5.8	39	9.8	2,640	7.6
4 occupants	3,210	2.1	16	4.0	1,020	2.9
5 occupants	925	0.6	9	2.3	352	1.0
6 + occupants	616	0.4	2	0.5	180	0.5
0 occupants	2,440	1.6	0	0.0	530	1.5
Unknown	2,558	1.7	3	0.8	531	1.5
Total Drivers	150,220	100.0	396	100.0	34,853	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	120,273	80.1	286	72.2	28,006	80.4
Van and Motorhome	5,060	3.4	14	3.5	1,172	3.4
Pickup	19,360	12.9	63	15.9	4,026	11.6
Small Truck (under 10,000 lbs.)	3,365	2.2	9	2.3	747	2.1
Motorcycle	577	0.4	13	3.3	459	1.3
Moped	62	0.0	0	0.0	52	0.1
Go Cart	2	0.0	0	0.0	2	0.0
Snowmobile	81	0.1	2	0.5	50	0.1
Off Road Vehicle	93	0.1	6	1.5	71	0.2
Other	176	0.1	1	0.3	42	0.1
Unknown	325	0.2	1	0.3	62	0.2
CDL Truck/Bus (breakdown below)	846	0.6	1	0.3	164	0.5
Total Number of Drivers	150,220	100.0	396	100.0	34,853	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	349	41.3	0	0.0	65	39.6
Commercial Vehicle: Group B	181	21.4	0	0.0	41	25.0
Commercial Vehicle: Group C	37	4.4	0	0.0	4	2.4
Other Truck	92	10.9	0	0.0	16	9.8
Unknown Truck	187	22.1	1	100.0	38	23.2
Total Number of Drivers	846	100.0	1	100.0	164	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.

