

## 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	191,690	50.6	810	76.0	43,296	50.3
Turning left	24,163	6.4	47	4.4	6,555	7.6
Turning right	9,306	2.5	12	1.1	1,438	1.7
Stopped on roadway	44,771	11.8	26	2.4	11,895	13.8
In prior crash	404	0.1	4	0.4	118	0.1
Changing lanes	7,387	1.9	20	1.9	1,033	1.2
Backing	8,884	2.3	5	0.5	461	0.5
Slowing/stopping on roadway	36,011	9.5	24	2.3	8,409	9.8
Slowing/stopping other	476	0.1	0	0.0	113	0.1
Starting up on roadway	7,031	1.9	12	1.1	1,677	1.9
Starting up other	197	0.1	0	0.0	46	0.1
Entering parking	489	0.1	0	0.0	52	0.1
Leaving parking	1,068	0.3	2	0.2	181	0.2
Entering roadway	4,788	1.3	8	0.8	1,116	1.3
Leaving roadway	585	0.2	8	0.8	173	0.2
Making U-turn	713	0.2	1	0.1	213	0.2
Overtaking or passing	2,595	0.7	24	2.3	502	0.6
Avoiding object	447	0.1	0	0.0	120	0.1
Avoiding animal	908	0.2	0	0.0	226	0.3
Avoiding pedestrian	120	0.0	3	0.3	54	0.1
Avoiding vehicle (front/back)	3,149	0.8	15	1.4	891	1.0
Avoiding vehicle (angle)	1,430	0.4	7	0.7	397	0.5
Driverless moving	53	0.0	0	0.0	9	0.0
Parked	1,825	0.5	4	0.4	204	0.2
Crossing at intersection	71	0.0	0	0.0	55	0.1
Crossing not at intersection	37	0.0	1	0.1	30	0.0
Getting on/off vehicle	3	0.0	0	0.0	2	0.0
In roadway with traffic	15	0.0	0	0.0	14	0.0
In roadway against traffic	6	0.0	0	0.0	4	0.0
Standing/lying in roadway	9	0.0	1	0.1	6	0.0
Pushing/working on vehicle	8	0.0	0	0.0	7	0.0
Other working in roadway	1	0.0	0	0.0	1	0.0
Playing in roadway	1	0.0	0	0.0	1	0.0
In roadway other reason	7	0.0	1	0.1	5	0.0
Not in roadway	10	0.0	0	0.0	8	0.0
Other	302	0.1	1	0.1	81	0.1
Unknown	29,882	7.9	30	2.8	6,663	7.7
<b>Total Drivers</b>	<b>378,842</b>	<b>100.0</b>	<b>1,066</b>	<b>100.0</b>	<b>86,056</b>	<b>100.0</b>

## DRIVER AGE 25-64 (continued)

<b>MOST HARMFUL EVENT IN A NONCOLLISION</b>	All Crashes		Fatal Crashes		Injury Crashes	
	Number of Drivers	% of Total	Number	% of Total	Number	% of Total
Loss of control	1,192	0.3	1	0.1	366	0.4
Cross center/median	233	0.1	0	0.0	82	0.1
Ran off road left	353	0.1	4	0.4	84	0.1
Ran off road right	627	0.2	0	0.0	147	0.2
Re-enter road	42	0.0	0	0.0	14	0.0
Overturn	4,274	1.1	54	5.1	2,145	2.5
Separation of units	551	0.1	2	0.2	108	0.1
Fire/explosion	398	0.1	4	0.4	51	0.1
Immersion	22	0.0	0	0.0	4	0.0
Jackknife	167	0.0	0	0.0	23	0.0
Downhill runaway	22	0.0	0	0.0	8	0.0
Cargo loss/shift	450	0.1	1	0.1	30	0.0
Individual fell off	239	0.1	14	1.3	183	0.2
Other noncollision	1,070	0.3	2	0.2	176	0.2
<b>NONCOLLISION Subtotal</b>	<b>9,640</b>	<b>2.5</b>	<b>82</b>	<b>7.7</b>	<b>3,421</b>	<b>4.0</b>

<b>MOST HARMFUL EVENT IN A COLLISION WITH A NONFIXED OBJECT</b>	All Crashes		Fatal Crashes		Injury Crashes	
	Number of Drivers	% of Total	Number	% of Total	Number	% of Total
Pedestrian	1,183	0.3	95	8.9	964	1.1
Pedalcycle	1,101	0.3	13	1.2	864	1.0
Motor vehicle in transport	239,217	63.1	672	63.0	60,861	70.7
Parked motor vehicle	6,173	1.6	9	0.8	662	0.8
Railway train	67	0.0	3	0.3	28	0.0
Animal	40,175	10.6	3	0.3	869	1.0
Other nonfixed objects	3,868	1.0	3	0.3	356	0.4
<b>COLLISION NONFIXED Subtotal</b>	<b>291,784</b>	<b>77.0</b>	<b>798</b>	<b>74.9</b>	<b>64,604</b>	<b>75.1</b>

## DRIVER AGE 25-64 (continued)

<b>MOST HARMFUL EVENT IN A COLLISION WITH A FIXED OBJECT</b>	All Crashes		Fatal Crashes		Injury Crashes	
	Number of Drivers	% of Total	Number	% of Total	Number	% of Total
Bridge/pier/abutment	320	0.1	3	0.3	90	0.1
Bridge parapet end	70	0.0	0	0.0	15	0.0
Bridge rail	248	0.1	1	0.1	47	0.1
Guardrail face	1,578	0.4	3	0.3	336	0.4
Guardrail end	249	0.1	4	0.4	73	0.1
Median barrier	1,597	0.4	4	0.4	540	0.6
Highway traffic sign post	1,109	0.3	1	0.1	85	0.1
Signal post	125	0.0	0	0.0	15	0.0
Luminaire/light support	307	0.1	3	0.3	87	0.1
Utility pole	1,706	0.5	11	1.0	587	0.7
Other pole	528	0.1	3	0.3	98	0.1
Culvert	337	0.1	3	0.3	114	0.1
Curb	984	0.3	2	0.2	133	0.2
Ditch	3,878	1.0	10	0.9	1,007	1.2
Embankment	839	0.2	10	0.9	268	0.3
Fence	624	0.2	0	0.0	82	0.1
Mailbox	964	0.3	1	0.1	73	0.1
Tree	5,469	1.4	79	7.4	1,837	2.1
Rail crossing signal	45	0.0	0	0.0	12	0.0
Building	309	0.1	1	0.1	131	0.2
Traffic island	25	0.0	0	0.0	6	0.0
Fire hydrant	223	0.1	0	0.0	42	0.0
Impact attenuator	20	0.0	0	0.0	15	0.0
Other fixed object	1,713	0.5	10	0.9	370	0.4
<b>COLLISION FIXED Subtotal</b>	<b>23,267</b>	<b>6.1</b>	<b>149</b>	<b>14.0</b>	<b>6,063</b>	<b>7.0</b>

	All Crashes		Fatal Crashes		Injury Crashes	
	Number of Drivers	% of Total	Number	% of Total	Number	% of Total
Unknown Event	54,151	14.3	37	3.5	11,968	13.9
<b>TOTAL MOST HARMFUL EVENT</b>	<b>378,842</b>	<b>100.0</b>	<b>1,066</b>	<b>100.0</b>	<b>86,056</b>	<b>100.0</b>

## 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	80,761	21.3	291	27.3	11,261	13.1
Head On	6,491	1.7	228	21.4	2,724	3.2
Head On - Left Turn	12,803	3.4	52	4.9	5,208	6.1
Angle	81,293	21.5	316	29.6	24,409	28.4
Rear End	123,519	32.6	80	7.5	31,733	36.9
Rear End - Left Turn	4,925	1.3	8	0.8	1,452	1.7
Rear End - Right Turn	4,109	1.1	0	0.0	728	0.8
Sideswipe - Same Direction	33,908	9.0	16	1.5	3,508	4.1
Sideswipe - Opposite Direct	9,768	2.6	26	2.4	1,403	1.6
Other	16,641	4.4	46	4.3	2,700	3.1
Unknown	4,624	1.2	3	0.3	930	1.1
<b>Total Drivers</b>	<b>378,842</b>	<b>100.0</b>	<b>1,066</b>	<b>100.0</b>	<b>86,056</b>	<b>100.0</b>

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	343,898	90.8	855	80.2	76,799	89.2
Median	1,612	0.4	12	1.1	521	0.6
Shoulder	8,908	2.4	41	3.8	2,164	2.5
Outside of Shoulder/Curb	16,084	4.2	127	11.9	4,651	5.4
Gore	453	0.1	6	0.6	143	0.2
Other/Unknown	7,887	2.1	25	2.3	1,778	2.1
<b>Total Drivers</b>	<b>378,842</b>	<b>100.0</b>	<b>1,066</b>	<b>100.0</b>	<b>86,056</b>	<b>100.0</b>

ROADWAY TYPE IN CRASH	All Crashes		Fatal Crashes		Injury Crashes	
	Number of Drivers	% of Total	Number	% of Fatal	Number	% of Injury
Interstate Routes	21,559	5.7	65	6.1	5,096	5.9
U.S. & Michigan Roads	83,098	21.9	317	29.7	18,840	21.9
County & City Roads	274,185	72.4	684	64.2	62,120	72.2
<b>Total Drivers</b>	<b>378,842</b>	<b>100.0</b>	<b>1,066</b>	<b>100.0</b>	<b>86,056</b>	<b>100.0</b>

Please see foreword regarding roadway type classification issue.

## 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.	11,997	3.2	126	11.8	3,072	3.6
03:00 a.m. - 05:59 a.m.	11,194	3.0	71	6.7	1,818	2.1
06:00 a.m. - 08:59 a.m.	51,712	13.7	105	9.8	10,337	12.0
09:00 a.m. - 11:59 a.m.	45,023	11.9	98	9.2	10,769	12.5
12:00 noon - 02:59 p.m.	64,828	17.1	148	13.9	16,274	18.9
03:00 p.m. - 05:59 p.m.	92,500	24.4	204	19.1	22,382	26.0
06:00 p.m. - 08:59 p.m.	52,845	13.9	177	16.6	11,204	13.0
09:00 p.m. - 11:59 p.m.	26,931	7.1	111	10.4	5,655	6.6
Unknown	21,812	5.8	26	2.4	4,545	5.3
<b>Total Drivers</b>	<b>378,842</b>	<b>100.0</b>	<b>1,066</b>	<b>100.0</b>	<b>86,056</b>	<b>100.0</b>

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	212,640	56.1	511	47.9	44,899	52.2	349	0.5
Speed too fast	17,880	4.7	119	11.2	4,948	5.7	5,202	8.1
Speed too slow	385	0.1	1	0.1	111	0.1	130	0.2
Failed to yield	27,979	7.4	58	5.4	7,901	9.2	14,851	23.2
Disregard traffic control	6,763	1.8	41	3.8	2,915	3.4	3,929	6.1
Drove wrong way	206	0.1	2	0.2	76	0.1	77	0.1
Drove left of center	1,678	0.4	54	5.1	574	0.7	686	1.1
Improper passing	2,001	0.5	5	0.5	301	0.3	694	1.1
Improper lane use	6,622	1.7	9	0.8	808	0.9	2,591	4.0
Improper turn	3,621	1.0	3	0.3	611	0.7	1,396	2.2
Improper/no signal	456	0.1	0	0.0	73	0.1	145	0.2
Improper backing	6,980	1.8	2	0.2	257	0.3	1,887	2.9
Unable to stop in assured clear distance	47,009	12.4	23	2.2	11,436	13.3	22,648	35.4
Reckless driving	1,115	0.3	17	1.6	428	0.5	525	0.8
Careless\Negligent driving	5,959	1.6	54	5.1	2,153	2.5	3,202	5.0
Other	13,449	3.6	72	6.8	3,317	3.9	3,639	5.7
Unknown	24,099	6.4	95	8.9	5,248	6.1	2,046	3.2
<b>Total Drivers</b>	<b>378,842</b>	<b>100.0</b>	<b>1,066</b>	<b>100.0</b>	<b>86,056</b>	<b>100.0</b>	<b>63,997</b>	<b>100.0</b>

## DRIVER AGE 25-64 (continued)

<b>DAY OF WEEK IN CRASH</b>	<b>All Crashes</b>		<b>Fatal Crashes</b>		<b>Injury Crashes</b>	
	Number of Drivers	% of Total	Number	% of Fatal	Number	% of Injury
Sunday	32,415	8.6	135	12.7	7,834	9.1
Monday	58,544	15.5	130	12.2	13,047	15.2
Tuesday	59,097	15.6	123	11.5	12,998	15.1
Wednesday	59,095	15.6	141	13.2	13,007	15.1
Thursday	58,180	15.4	155	14.5	12,957	15.1
Friday	66,015	17.4	179	16.8	15,374	17.9
Saturday	45,496	12.0	203	19.0	10,839	12.6
<b>Total Drivers</b>	<b>378,842</b>	<b>100.0</b>	<b>1,066</b>	<b>100.0</b>	<b>86,056</b>	<b>100.0</b>

<b>DRIVER GENDER IN CRASH</b>	<b>All Crashes</b>		<b>Fatal Crashes</b>		<b>Injury Crashes</b>	
	Number of Drivers	% of Total	Number	% of Fatal	Number	% of Injury
Male	210,899	55.7	785	73.6	45,574	53.0
Female	157,898	41.7	268	25.1	38,360	44.6
Unknown	10,045	2.7	13	1.2	2,122	2.5
<b>Total Drivers</b>	<b>378,842</b>	<b>100.0</b>	<b>1,066</b>	<b>100.0</b>	<b>86,056</b>	<b>100.0</b>

<b>NUMBER OF OCCUPANTS IN MOTOR VEHICLE</b>	<b>All Crashes</b>		<b>Fatal Crashes</b>		<b>Injury Crashes</b>	
	Number of Drivers	% of Total	Number	% of Fatal	Number	% of Injury
1 occupant	270,652	71.4	715	67.1	57,158	66.4
2 occupants	58,923	15.6	192	18.0	15,903	18.5
3 occupants	17,620	4.7	79	7.4	5,021	5.8
4 occupants	7,586	2.0	39	3.7	2,326	2.7
5 occupants	2,545	0.7	8	0.8	792	0.9
6 + occupants	1,956	0.5	14	1.3	569	0.7
0 occupants	1,808	0.5	1	0.1	204	0.2
Unknown	17,752	4.7	18	1.7	4,083	4.7
<b>Total Drivers</b>	<b>378,842</b>	<b>100.0</b>	<b>1,066</b>	<b>100.0</b>	<b>86,056</b>	<b>100.0</b>

## 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	242,020	63.9	557	52.3	56,387	65.5
Van and Motorhome	35,239	9.3	89	8.3	8,113	9.4
Pickup	65,265	17.2	213	20.0	12,555	14.6
Small Truck (under 10,000 lbs.)	11,783	3.1	31	2.9	2,478	2.9
Motorcycle	2,177	0.6	62	5.8	1,628	1.9
Moped	102	0.0	1	0.1	68	0.1
Go Cart	2	0.0	0	0.0	1	0.0
Snowmobile	294	0.1	6	0.6	127	0.1
Off Road Vehicle	109	0.0	4	0.4	85	0.1
Other	1,151	0.3	3	0.3	271	0.3
Unknown	9,236	2.4	10	0.9	2,154	2.5
CDL Truck/Bus (breakdown below)	11,464	3.0	90	8.4	2,189	2.5
<b>Total Number of Drivers</b>	<b>378,842</b>	<b>100.0</b>	<b>1,066</b>	<b>100.0</b>	<b>86,056</b>	<b>100.0</b>

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	4,463	38.9	54	60.0	858	39.2
Commercial Vehicle: Group B	2,819	24.6	22	24.4	530	24.2
Commercial Vehicle: Group C	410	3.6	2	2.2	71	3.2
Other Truck	591	5.2	2	2.2	125	5.7
Unknown Truck	3,181	27.7	10	11.1	605	27.6
<b>Total Number of Drivers</b>	<b>11,464</b>	<b>100.0</b>	<b>90</b>	<b>100.0</b>	<b>2,189</b>	<b>100.0</b>

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.