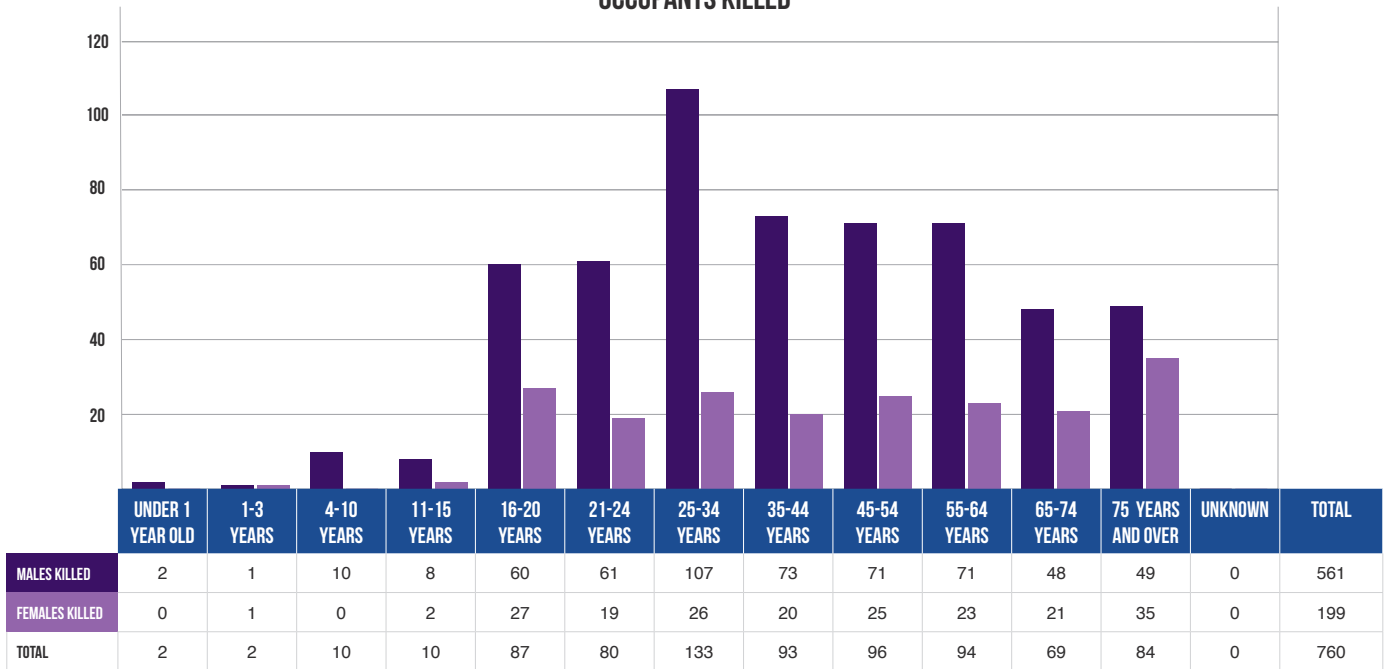


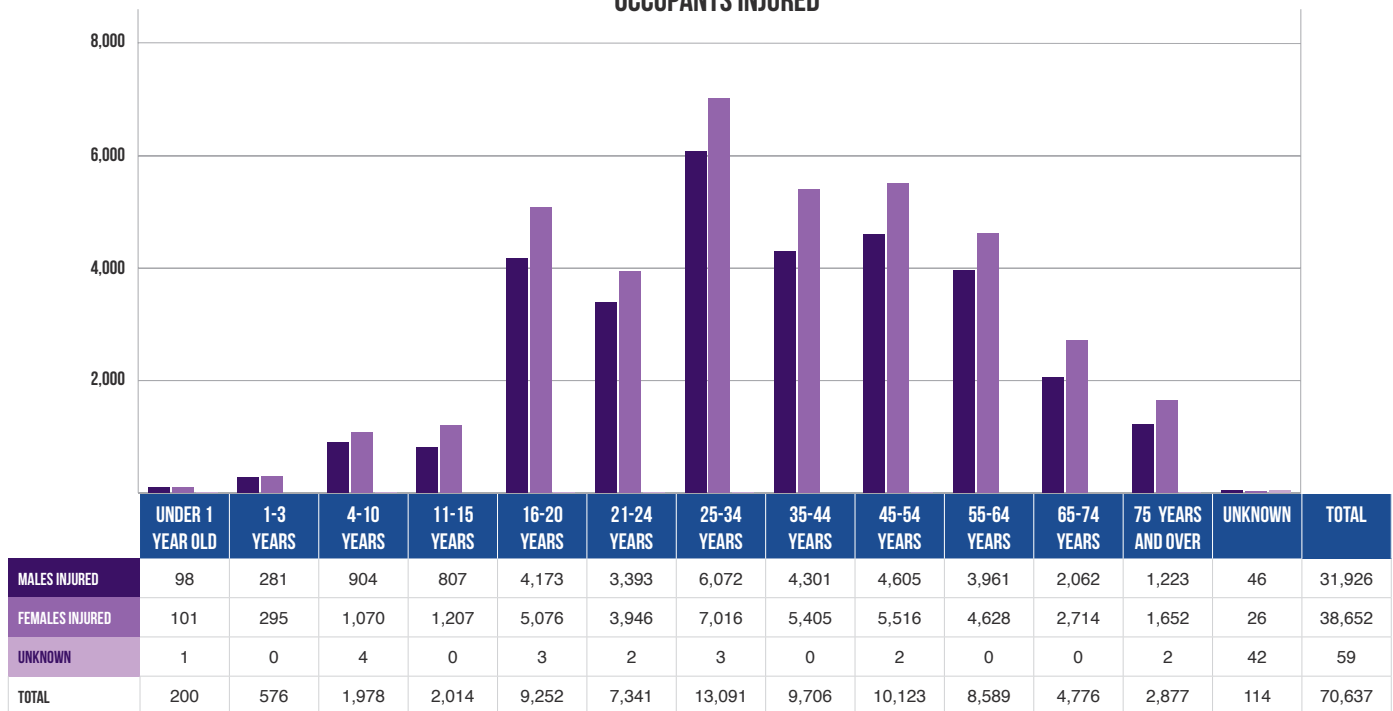
AGE AND GENDER OF OCCUPANTS KILLED OR INJURED IN MOTOR VEHICLE CRASHES

OCCUPANTS KILLED



The majority (73.8%) of occupants killed in traffic crashes in 2015 were male.

OCCUPANTS INJURED

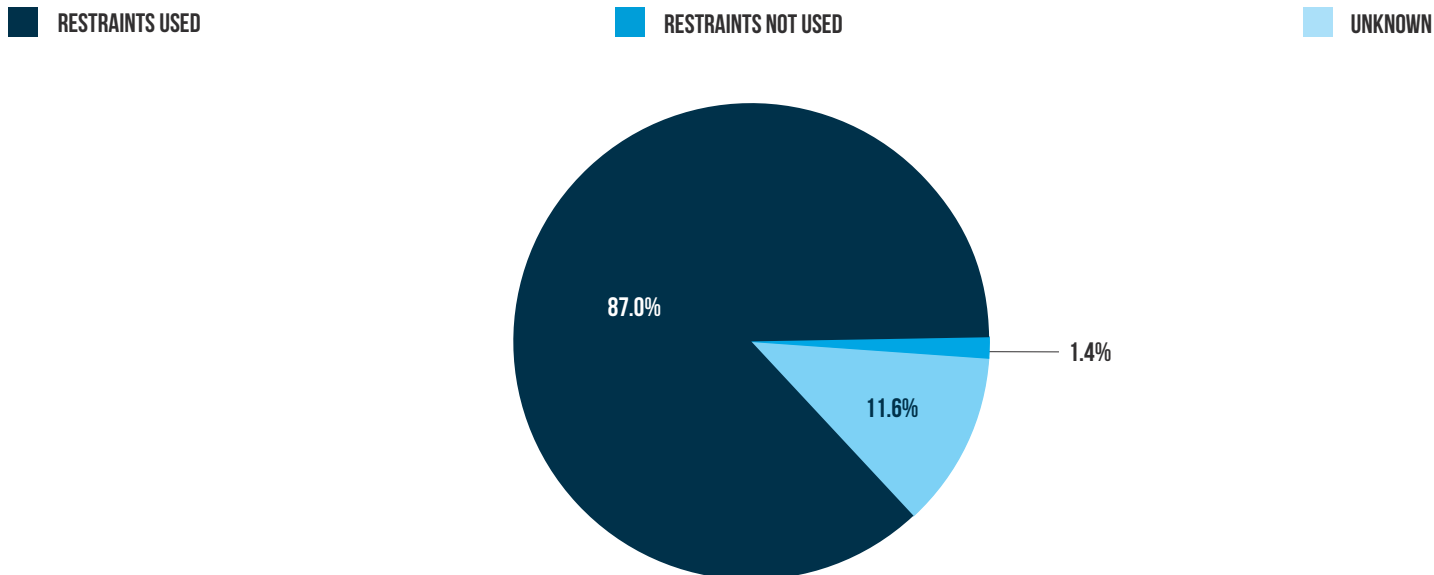


The majority (54.7%) of occupants injured in traffic crashes in 2015 were female.

Note: An occupant is any injured or killed person in or on a motor vehicle, including all drivers.

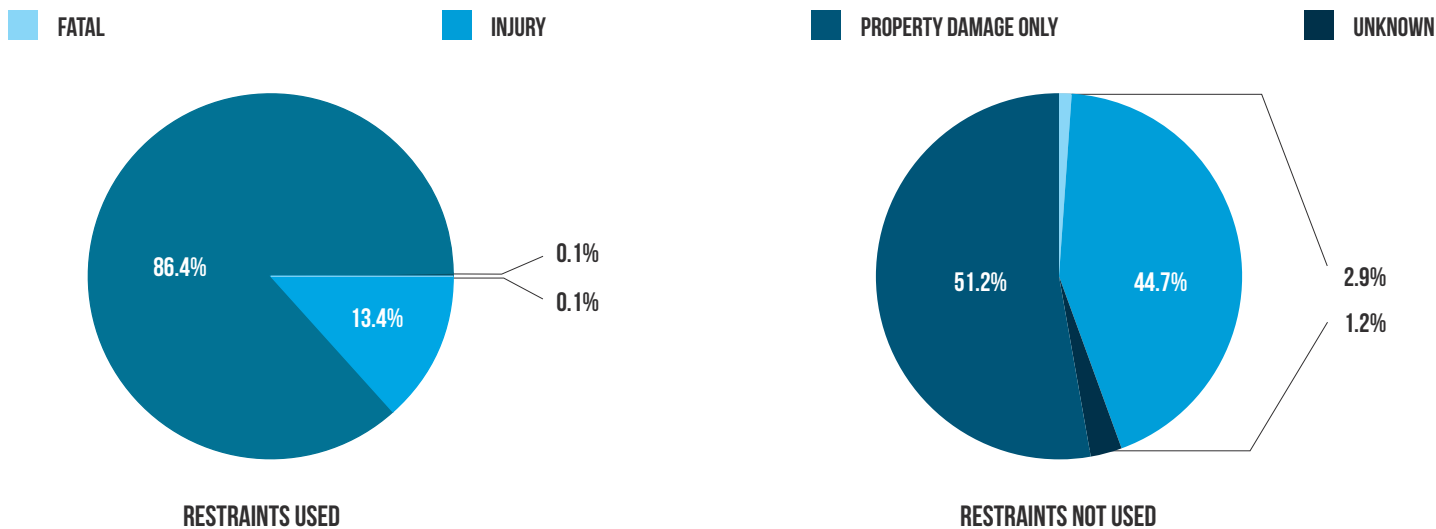
REPORTED OCCUPANT RESTRAINT USAGE FOR ALL DRIVERS AND INJURED PASSENGERS

REPORTED OCCUPANT RESTRAINT USAGE



Of the 524,441 drivers and injured passengers involved in crashes, 456,521 (87.0%) were REPORTED to be using occupant restraints.

INJURY SEVERITY



Occupants in crashes were 29 times more likely to be killed if they were not wearing their restraints.

Note: These charts do not include helmet usage.

MOTOR VEHICLE DRIVERS AND INJURED PASSENGERS BY SEATING POSITION AND KNOWN BELT USAGE

SEATING POSITION	BELTS USED*		FATAL	INJURY			NO INJURY
	Number	% of Total		A	B	C	
Left Front	440,082	96.7	241	1,914	9,360	34,944	393,623
Center Front	513	0.1	0	13	57	164	279
Right Front	10,610	2.3	57	530	2,144	7,479	400
Left Rear	1,041	0.2	7	51	220	763	0
Center Rear	195	0.0	0	2	40	153	0
Right Rear	1,116	0.2	9	42	226	839	0
Left Rear Third Seat	408	0.1	0	13	101	294	0
Center Rear Third Seat	95	0.0	0	3	21	71	0
Right Rear Third Seat	524	0.1	0	16	115	392	1
Other/Unknown	322	0.1	0	11	15	40	256
TOTAL	454,906	100.0	314	2,595	12,299	45,139	394,559

* A lap belt, shoulder belt, a combination of lap and shoulder belts, and belt failure were used. Children who were coded as using or not using a child restraint device appear in separate tables on the next two pages.

SEATING POSITION	BELTS NOT USED*		FATAL	INJURY			NO INJURY
	Number	% of Total		A	B	C	
Left Front	4,805	69.4	151	339	492	643	3,180
Center Front	41	0.6	1	4	8	15	13
Right Front	493	7.1	20	95	162	185	31
Left Rear	262	3.8	9	45	82	125	1
Center Rear	115	1.7	3	22	30	59	1
Right Rear	286	4.1	7	50	89	140	0
Left Rear Third Seat	105	1.5	1	16	26	61	1
Center Rear Third Seat	57	0.8	1	8	14	34	0
Right Rear Third Seat	106	1.5	2	13	34	57	0
Other/Unknown	650	9.4	8	45	54	136	407
TOTAL	6,920	100.0	203	637	991	1,455	3,634

* No belts were available or no belts were used. Children who were coded as using or not using a child restraint device appear in separate tables on the next two pages.

Note: Michigan law requires that all persons must wear a seatbelt when riding in the front seat of a motor vehicle.

REPORTED RESTRAINT USE - CHILDREN

On July 1, 2008, Michigan law was amended. (<http://legislature.mi.gov/doc.aspx?mcl-257-710e>)

Any child under four years of age must be in an approved Child Safety Seat (CSS)/Child Restraint Device (CRD), and riding in the rear seat. All children less than 8 years of age AND who are less than 4'9" in height, must be properly restrained in a child restraint system. All children ages 8 through 15 must wear a properly adjusted and fastened seat belt when riding in either the front or back seat of a vehicle.

RESTRAINT USAGE	CHILDREN		FATAL	INJURY		
	Number	% of Total		A	B	C
AGE 0						
Belts Used	28	13.9	0	2	4	22
No Belts Used	0	0.0	0	0	0	0
Child Restraint Used	154	76.6	1	2	20	131
Child Restraint Not Used	7	3.5	0	1	2	4
Restraint Failed	1	0.5	0	0	1	0
Unknown	11	5.5	1	1	0	9
Total	201	100.0	2	6	27	166
AGE 1						
Belts Used	10	5.9	0	0	2	8
No Belts Used	3	1.8	0	0	1	2
Child Restraint Used	136	80.5	0	4	27	105
Child Restraint Not Used	12	7.1	0	3	4	5
Restraint Failed	0	0.0	0	0	0	0
Unknown	8	4.7	0	1	1	6
Total	169	100.0	0	8	35	126
AGE 2						
Belts Used	18	9.4	0	1	3	14
No Belts Used	4	2.1	0	0	2	2
Child Restraint Used	161	83.9	0	5	32	124
Child Restraint Not Used	4	2.1	0	0	1	3
Restraint Failed	1	0.5	0	0	1	0
Unknown	4	2.1	0	0	1	3
Total	192	100.0	0	6	40	146

REPORTED RESTRAINT USE - CHILDREN (CONTINUED)

RESTRAINT USAGE	CHILDREN		FATAL	INJURY		
	Number	% of Total		A	B	C
AGE 3						
Belts Used	25	11.6	0	1	4	20
No Belts Used	3	1.4	0	1	0	2
Child Restraint Used	160	74.4	1	2	33	124
Child Restraint Not Used	15	7.0	1	0	6	8
Restraint Failed	1	0.5	0	1	0	0
Unknown	11	5.1	0	1	1	9
Total	215	100.0	2	6	44	163
AGE 4-7						
Belts Used	402	37.7	0	8	104	290
No Belts Used	48	4.5	1	6	12	29
Child Restraint Used	514	48.2	2	16	100	396
Child Restraint Not Used	40	3.7	0	1	16	23
Restraint Failed	1	0.1	0	0	1	0
Unknown	62	5.8	2	6	18	36
Total	1,067	100.0	5	37	251	774
AGE 8-15						
Belts Used	2,249	82.2	8	79	460	1,702
No Belts Used	235	8.6	2	33	79	121
Child Restraint Used	84	3.1	0	2	15	67
Child Restraint Not Used	11	0.4	1	0	4	6
Restraint Failed	1	0.0	0	0	0	1
Unknown	156	5.7	1	16	32	107
Total	2,736	100.0	12	130	590	2,004

Information about uninjured passengers is not required to be reported by the officer on the crash report, thus these tables relate the experience of only those child passengers with injuries in crashes.

Note: Safety equipment usage is often self-reported and may not reflect actual usage.

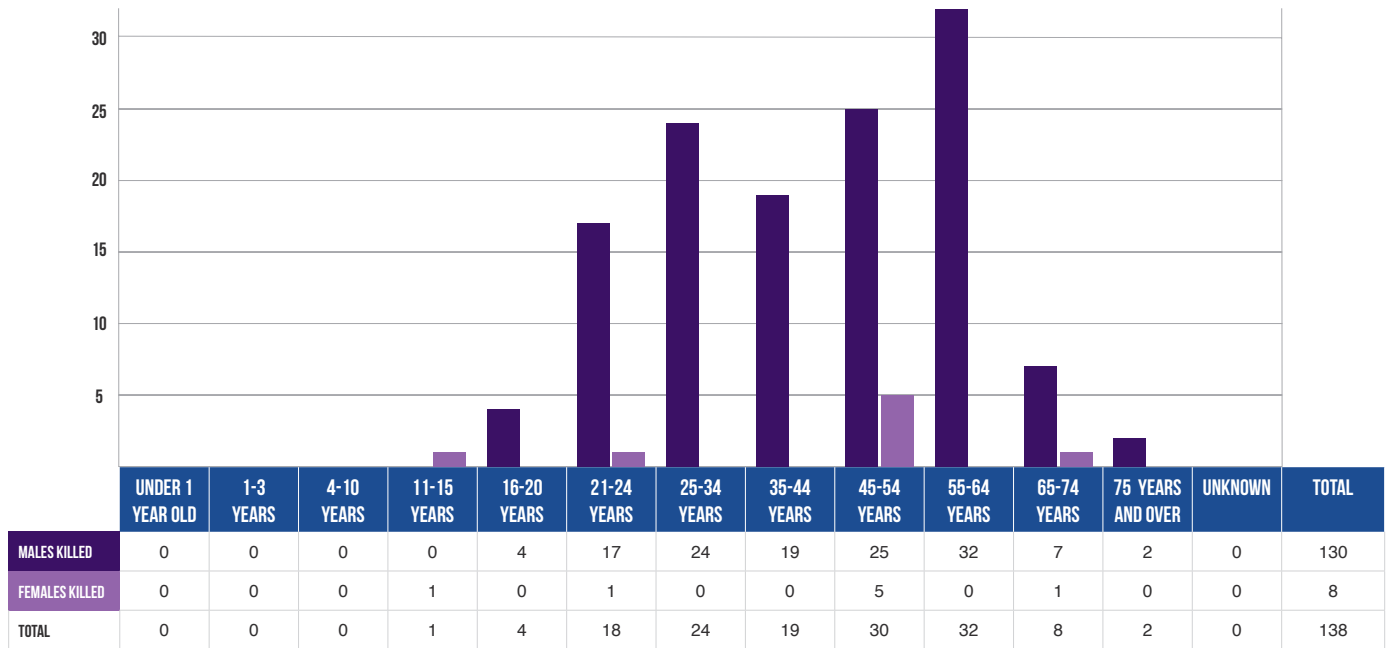
MOTOR VEHICLE OCCUPANT INJURY SEVERITY BY KNOWN AIRBAG DEPLOYMENT

MOTOR VEHICLE OCCUPANT AIRBAG DEPLOYMENT	OCCUPANTS		FATAL	OCCUPANT INJURY SEVERITY			NO INJURY
	Number	% of Total		A	B	C	
Deployed	54,743	10.4	365	1,994	6,804	15,646	29,506
Not deployed	413,580	78.2	162	1,278	5,821	28,988	373,403
Not equipped	37,277	7.1	226	1,051	2,979	5,942	10,784
Unknown	23,068	4.4	7	10	36	88	1,891
TOTAL	528,668	100.0	760	4,333	15,640	50,664	415,584

* Includes 41,687 occupants (drivers and passengers) with unknown injury severity.

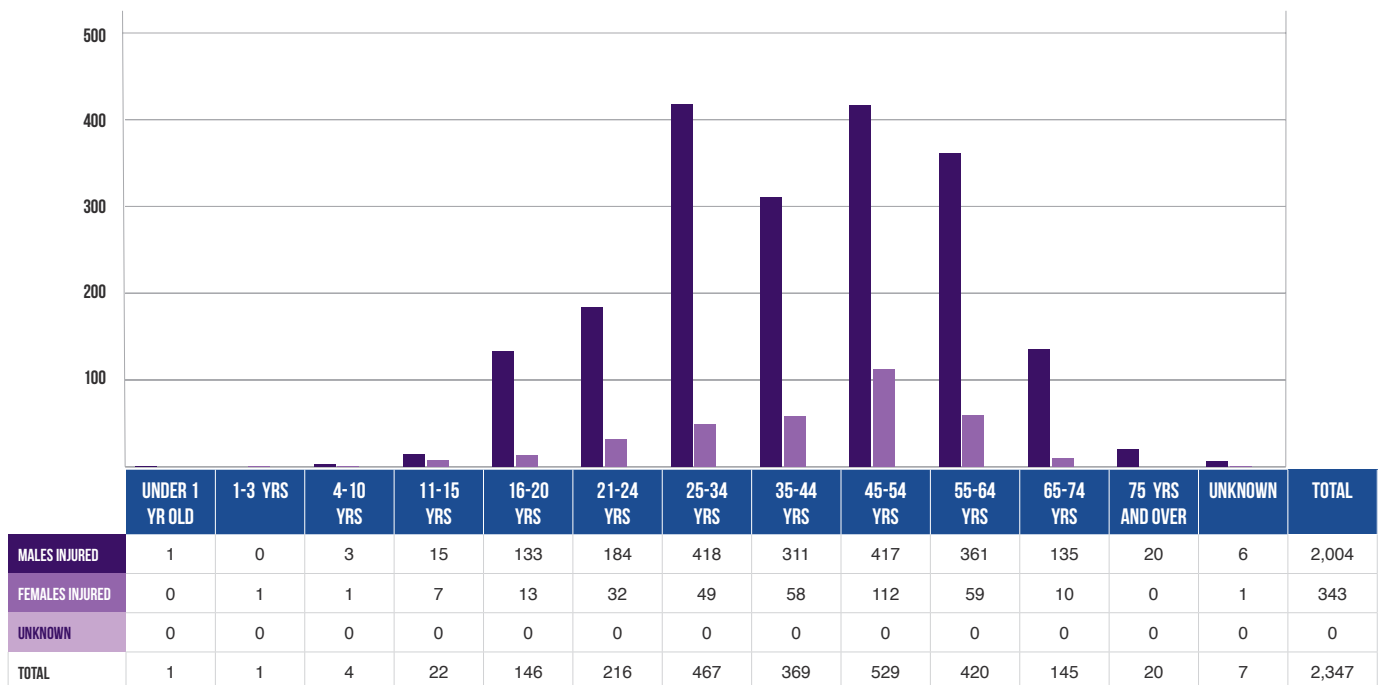
AGE AND GENDER OF MOTORCYCLISTS KILLED OR INJURED IN MOTOR VEHICLE CRASHES

MOTORCYCLISTS KILLED



Of the 138 motorcyclists killed in traffic crashes in 2015, 94.2 percent were male. In comparison, 73.8 percent of all persons killed in crashes were male.

MOTORCYCLISTS INJURED



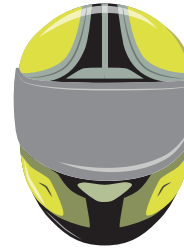
Of the 2,347 motorcyclists injured in traffic crashes in 2015, 85.4 percent were male. In comparison, 45.2 percent of all persons injured in crashes were male.

MOTORCYCLE HELMET USAGE AND INJURY SEVERITY

AGE OF MOTORCYCLIST	FATALITIES	INJURY			NO INJURY
		A	B	C	
HELMET WORN					
3 years and under	0	0	1	0	0
4 - 10 years	0	1	2	0	0
11 - 15 years	1	4	6	7	1
16 - 20 years	3	21	53	42	33
21 - 24 years	10	26	79	59	60
25 - 34 years	13	50	142	111	129
35 - 44 years	9	45	95	80	60
45 - 54 years	16	74	150	104	125
55 - 64 years	14	68	118	96	101
65 - 74 years	6	20	50	45	39
75 years and over	2	1	8	6	6
Unknown	0	0	1	1	1
Subtotal	74	310	705	551	555
HELMET NOT WORN					
3 years and under	0	0	1	0	0
4 - 10 years	0	0	1	0	0
11 - 15 years	0	0	3	1	1
16 - 20 years	0	7	11	3	4
21 - 24 years	8	13	12	14	9
25 - 34 years	11	31	68	28	35
35 - 44 years	10	39	64	29	41
45 - 54 years	10	52	67	47	42
55 - 64 years	15	29	51	35	37
65 - 74 years	2	6	8	11	7
75 years and over	0	1	2	2	1
Unknown	0	0	0	2	0
Subtotal	56	178	288	172	177
HELMET USE UNKNOWN					
3 years and under	0	0	0	0	1
4 - 10 years	0	0	0	0	0
11 - 15 years	0	0	1	0	0
16 - 20 years	1	1	1	6	5
21 - 24 years	0	0	7	4	4
25 - 34 years	0	5	11	16	13
35 - 44 years	0	4	5	4	15
45 - 54 years	4	5	8	11	16
55 - 64 years	3	6	7	5	10
65 - 74 years	0	1	2	1	1
75 years and over	0	0	0	0	0
Unknown	0	0	0	0	5
Subtotal	8	22	42	47	70
Total	138	510	1,035	770	802

2011 Michigan motor vehicle crash data represents the last full year of data that was collected during Michigan's universal helmet law, enacted in 1969: Michigan Vehicle Code Public Act 300 of 1949, Section 257.658, requiring all motorcycle riders to wear a helmet. On April 13, 2012, Michigan changed their helmet law from a universal to a partial helmet law. The partial law allows some certified Michigan riders, who are over 21 and carry additional insurance, to ride without a helmet.

HELMET WORN



DRIVERS KILLED: 69
PASSENGERS KILLED: 5

HELMET NOT WORN



DRIVERS KILLED: 53
PASSENGERS KILLED: 3

HELMET USE UNKNOWN



DRIVERS KILLED: 8
PASSENGERS KILLED: 0

OCCUPANT INJURY OUTCOME BY VEHICLE TYPE

VEHICLE	KILLED	INJURY			TOTAL KABC	% OF ALL CRASH INVOLVED KABC OCCUPANTS
		A	B	C		
Passenger Car and Station Wagon	483	2,945	11,923	42,616	57,967	81.2
Van (Minivan) and Motorhome	16	141	531	2,092	2,780	3.9
Pickup	84	444	1,426	3,775	5,729	8.0
Small Truck (under 10,000 lbs.)	5	42	179	546	772	1.1
Motorcycle	138	517	1,045	785	2,485	3.5
Moped	3	70	154	121	348	0.5
Go Cart	0	2	13	9	24	0.0
Snowmobile	2	26	25	28	81	0.1
Off Road Vehicle	12	66	120	80	278	0.4
Other	6	25	64	98	193	0.3
Unknown	0	1	4	10	15	0.0
CDL Truck/Bus (breakdown below)	11	54	156	504	725	1.0
Total Number of Occupants	760	4,333	15,640	50,664	71,397	100.0

CDL TRUCK/BUS SUB-CATEGORY TYPE	KILLED	INJURY			TOTAL KABC	% OF ALL CRASH INVOLVED KABC OCCUPANTS
		A	B	C		
Commercial Vehicle: Group A*	4	28	61	166	259	35.7
Commercial Vehicle: Group B**	1	7	55	219	282	38.9
Commercial Vehicle: Group C***	0	2	11	14	27	3.7
Other Truck	2	6	13	69	90	12.4
Unknown Truck	4	11	16	36	67	9.2
Total Number of Occupants	11	54	156	504	725	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.

Note:

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.