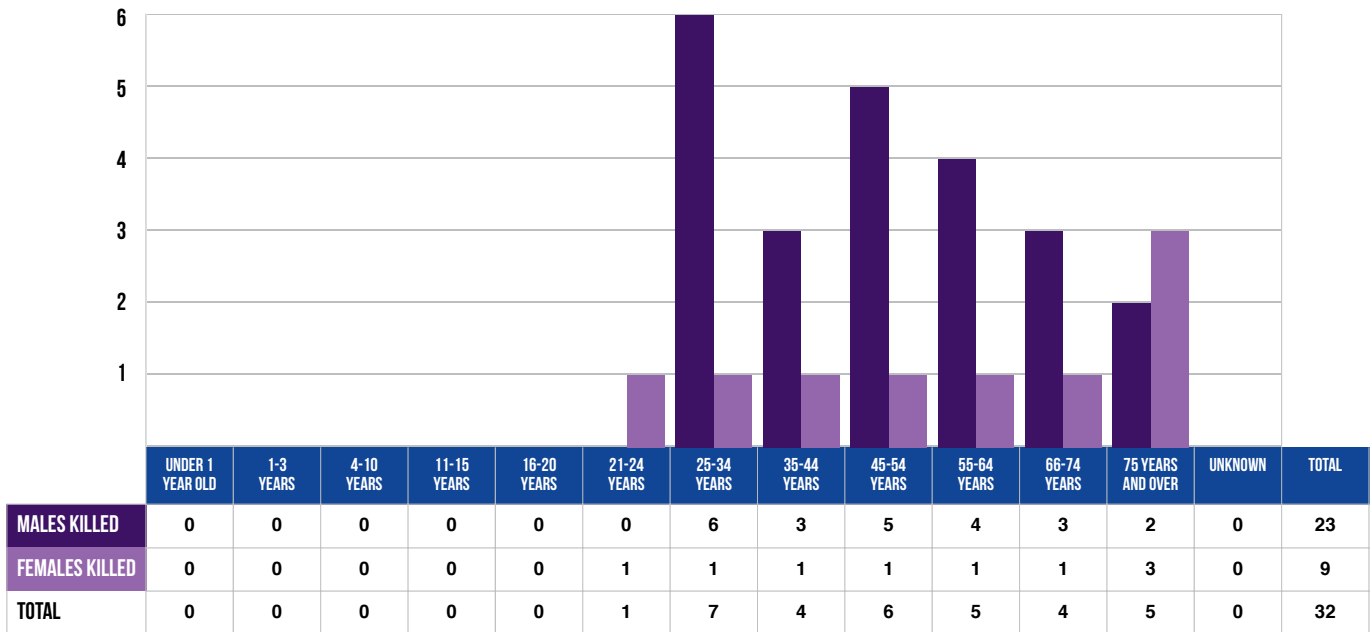


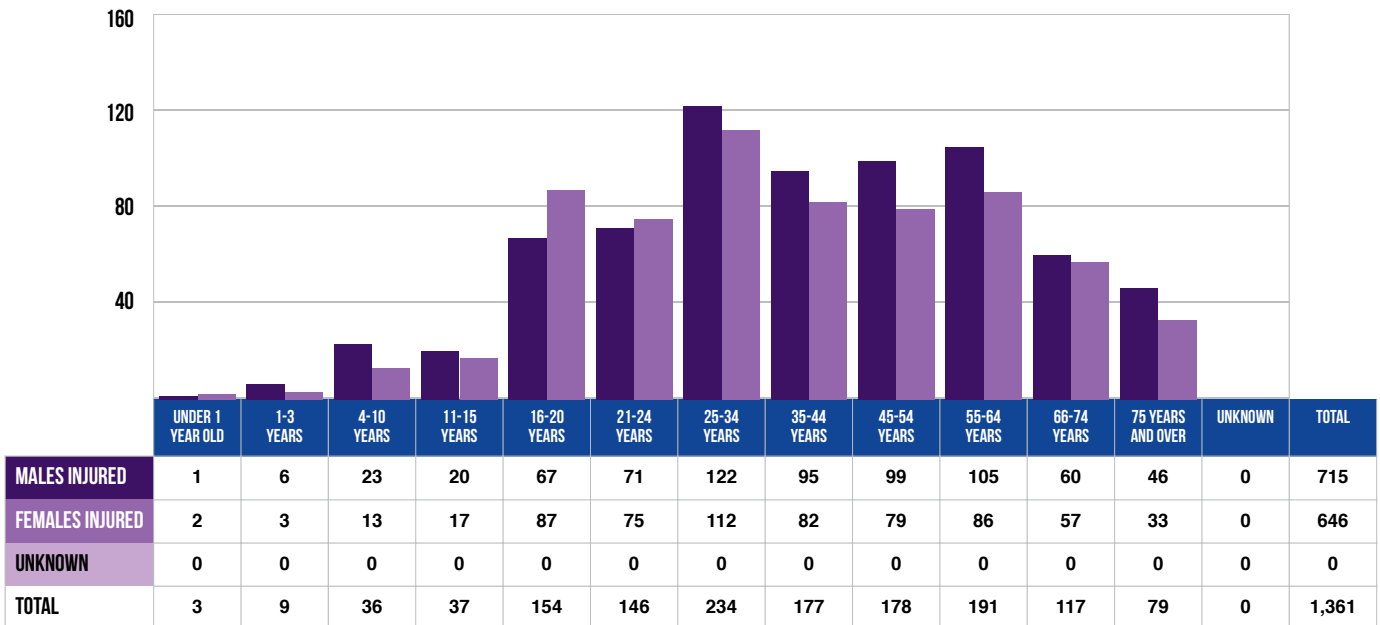
UPPER PENINSULA AGE AND GENDER OF OCCUPANTS KILLED OR INJURED IN MOTOR VEHICLE CRASHES

OCCUPANTS KILLED



The majority (71.9%) of occupants killed in traffic crashes in 2020 were male.

OCCUPANTS INJURED



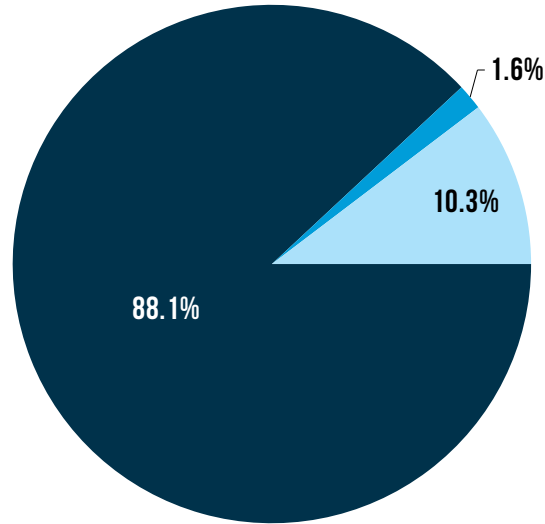
A slight majority (52.5%) of occupants injured in traffic crashes in 2020 were male.

Note: Occupants include all drivers plus all injured or killed persons in or on a motor vehicle.

UPPER PENINSULA REPORTED OCCUPANT RESTRAINT USAGE FOR ALL DRIVERS AND INJURED PASSENGERS

REPORTED OCCUPANT RESTRAINT USAGE

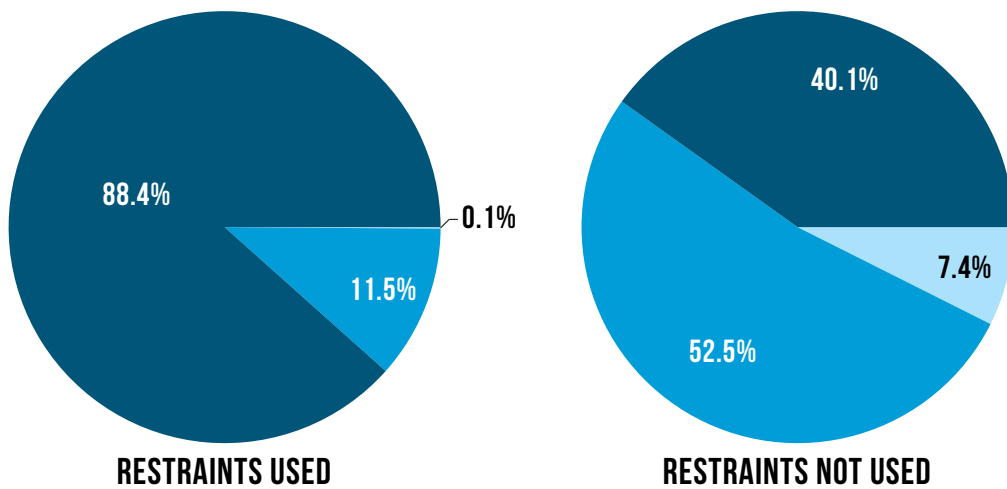
■ RESTRAINTS USED ■ RESTRAINTS NOT USED ■ UNKNOWN



Of the 10,100 drivers and injured passengers involved in crashes in the Upper Peninsula, 8,894 (88.1%) were REPORTED to be using occupant restraints.

INJURY SEVERITY

■ FATAL ■ INJURY ■ NO INJURY ■ UNKNOWN



Occupants in crashes were 66 times more likely to be killed if they were not wearing their restraints.

Note: These charts do not include helmet usage.

UPPER PENINSULA MOTOR VEHICLE OCCUPANTS & INJURY SEVERITY BY SEATING POSITION AND KNOWN BELT USAGE

SEATING POSITION	BELTS USED *		FATAL	INJURY			NO INJURY
	Number	% of Total		A	B	C	
Left Front	8,629	97.3	8	87	204	476	7,854
Center Front	13	0.1	0	1	3	6	3
Right Front	176	2.0	2	21	43	106	4
Left Rear Second Seat	25	0.3	0	1	9	15	0
Center Rear Second Seat	2	0.0	0	0	0	2	0
Right Rear Second Seat	17	0.2	0	5	6	6	0
Left Rear Third Seat	3	0.0	0	3	0	0	0
Center Rear Third Seat	0	0.0	0	0	0	0	0
Right Rear Third Seat	0	0.0	0	0	0	0	0
Left Rear Fourth Seat	0	0.0	0	0	0	0	0
Center Rear Fourth Seat	0	0.0	0	0	0	0	0
Right Rear Fourth Seat	0	0.0	0	0	0	0	0
Other Passenger Area	0	0.0	0	0	0	0	0
Unknown	1	0.0	0	0	0	0	1
Uncoded & Errors	0	0.0	0	0	0	0	0
TOTAL	8,866	100.0	10	118	265	611	7,862

* Belts Used includes use of lap, shoulder, or both belts, or restraint failure. Children who were using or not using a child restraint are 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	112	70.0	10	17	19	13	53
Center Front	1	0.6	0	0	0	0	1
Right Front	16	10.0	2	3	6	5	0
Left Rear Second Seat	8	5.0	0	3	3	2	0
Center Rear Second Seat	2	1.3	0	0	1	1	0
Right Rear Second Seat	8	5.0	0	1	3	4	0
Left Rear Third Seat	0	0.0	0	0	0	0	0
Center Rear Third Seat	0	0.0	0	0	0	0	0
Right Rear Third Seat	0	0.0	0	0	0	0	0
Left Rear Fourth Seat	0	0.0	0	0	0	0	0
Center Rear Fourth Seat	0	0.0	0	0	0	0	0
Right Rear Fourth Seat	0	0.0	0	0	0	0	0
Other Passenger Area	2	1.3	0	2	0	0	0
Unknown	10	6.3	0	0	0	0	10
Uncoded & Errors	1	0.6	0	0	0	0	1
TOTAL	160	100.0	12	26	32	25	65

* No belts were available or no belts were used. Children who were using or not using a child restraint are 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.

UPPER PENINSULA REPORTED RESTRAINT USAGE - 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	0	0.0	0	0	0	0
No Belts Used	0	0.0	0	0	0	0
Child Restraint Used - Forward Facing	0	0.0	0	0	0	0
Child Restraint Used - Rear Facing	2	100.0	0	0	0	2
Child Restraint Used - Booster Seat	0	0.0	0	0	0	0
Child Restraint Not Used	0	0.0	0	0	0	0
Restraint Failed	0	0.0	0	0	0	0
Unknown	0	0.0	0	0	0	0
Total	2	100.0	0	0	0	2
AGE 1						
Belts Used	0	0.0	0	0	0	0
No Belts Used	0	0.0	0	0	0	0
Child Restraint Used - Forward Facing	0	0.0	0	0	0	0
Child Restraint Used - Rear Facing	2	100.0	0	0	0	2
Child Restraint Used - Booster Seat	0	0.0	0	0	0	0
Child Restraint Not Used	0	0.0	0	0	0	0
Restraint Failed	0	0.0	0	0	0	0
Unknown	0	0.0	0	0	0	0
Total	2	100.0	0	0	0	2
AGE 2						
Belts Used	0	0.0	0	0	0	0
No Belts Used	1	33.3	0	0	1	0
Child Restraint Used - Forward Facing	2	66.7	0	0	1	1
Child Restraint Used - Rear Facing	0	0.0	0	0	0	0
Child Restraint Used - Booster Seat	0	0.0	0	0	0	0
Child Restraint Not Used	0	0.0	0	0	0	0
Restraint Failed	0	0.0	0	0	0	0
Unknown	0	0.0	0	0	0	0
Total	3	100.0	0	0	2	1

UPPER PENINSULA REPORTED RESTRAINT USE - CHILDREN (CONTINUED)

RESTRAINT USAGE	CHILDREN		FATAL	INJURY		
	Number	% of Total		A	B	C
AGE 3						
Belts Used	0	0.0	0	0	0	0
No Belts Used	0	0.0	0	0	0	0
Child Restraint Used - Forward Facing	3	75.0	0	1	0	2
Child Restraint Used - Rear Facing	0	0.0	0	0	0	0
Child Restraint Used - Booster Seat	1	25.0	0	0	1	0
Child Restraint Not Used	0	0.0	0	0	0	0
Restraint Failed	0	0.0	0	0	0	0
Unknown	0	0.0	0	0	0	0
Total	4	100.0	0	1	1	2
AGE 4-7						
Belts Used	6	35.3	0	0	2	4
No Belts Used	0	0.0	0	0	0	0
Child Restraint Used - Forward Facing	6	35.3	0	1	2	3
Child Restraint Used - Rear Facing	1	5.9	0	0	0	1
Child Restraint Used - Booster Seat	3	17.6	0	0	0	3
Child Restraint Not Used	1	5.9	0	0	0	1
Restraint Failed	0	0.0	0	0	0	0
Unknown	0	0.0	0	0	0	0
Total	17	100.0	0	1	4	12
AGE 8-15						
Belts Used	32	74.4	0	3	12	17
No Belts Used	2	4.7	0	1	1	0
Child Restraint Used - Forward Facing	0	0.0	0	0	0	0
Child Restraint Used - Rear Facing	0	0.0	0	0	0	0
Child Restraint Used - Booster Seat	7	16.3	0	1	0	6
Child Restraint Not Used	1	2.3	0	0	0	1
Restraint Failed	0	0.0	0	0	0	0
Unknown	1	2.3	0	0	0	1
Total	43	100.0	0	5	13	25

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 children with injuries in crashes.

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

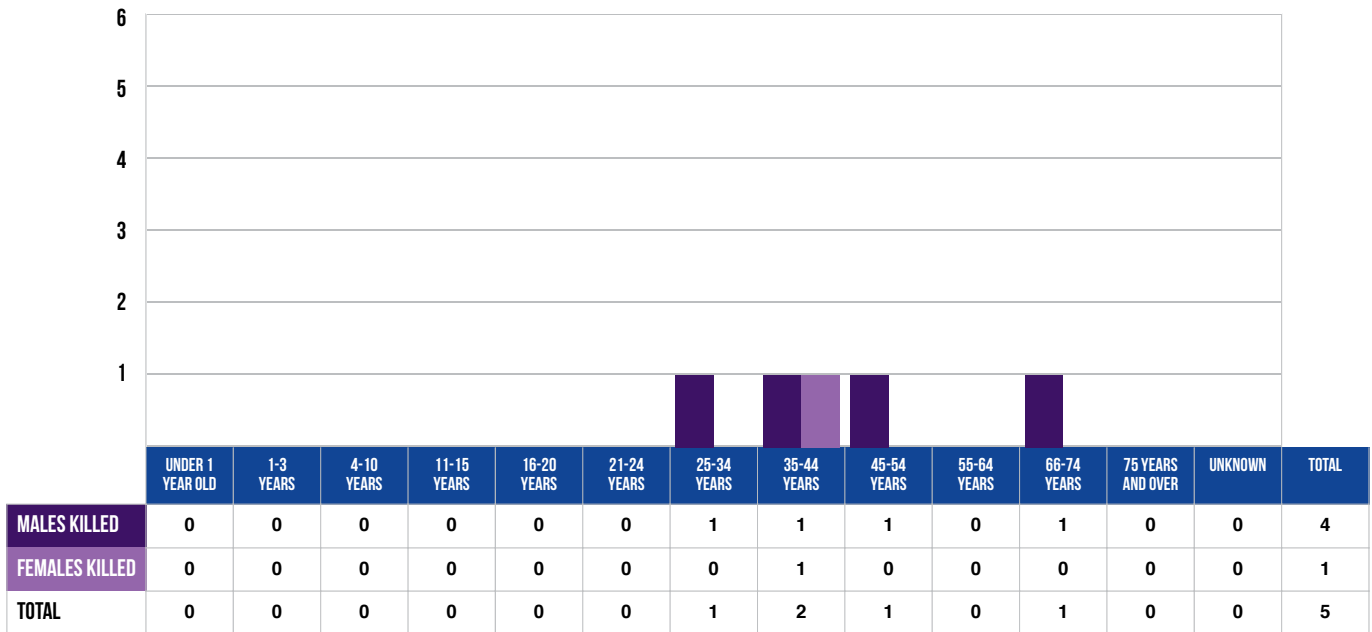
UPPER PENINSULA MOTOR VEHICLE OCCUPANT INJURY SEVERITY BY KNOWN AIRBAG DEPLOYMENT

MOTOR VEHICLE OCCUPANT AIRBAG DEPLOYMENT	OCCUPANTS*		FATAL	OCCUPANT INJURY SEVERITY			NO INJURY
	Number	% of Total		A	B	C	
Deployed - front	704	6.8	10	39	98	145	412
Deployed - side	117	1.1	0	1	13	26	77
Deployed - curtain	59	0.6	0	1	9	10	39
Deployed - combination	343	3.3	8	40	56	90	149
Deployed - other	4	0.0	0	0	0	1	3
Not deployed	8,156	78.8	4	66	121	419	7,542
Not equipped	375	3.6	8	83	83	40	161
Unknown	590	5.7	2	9	6	5	59
Uncoded & Errors	8	0.1	0	0	0	0	1
TOTAL	10,356	100.0	32	239	386	736	8,443

*Includes 520 occupants (drivers and passengers) with unknown injury severity.

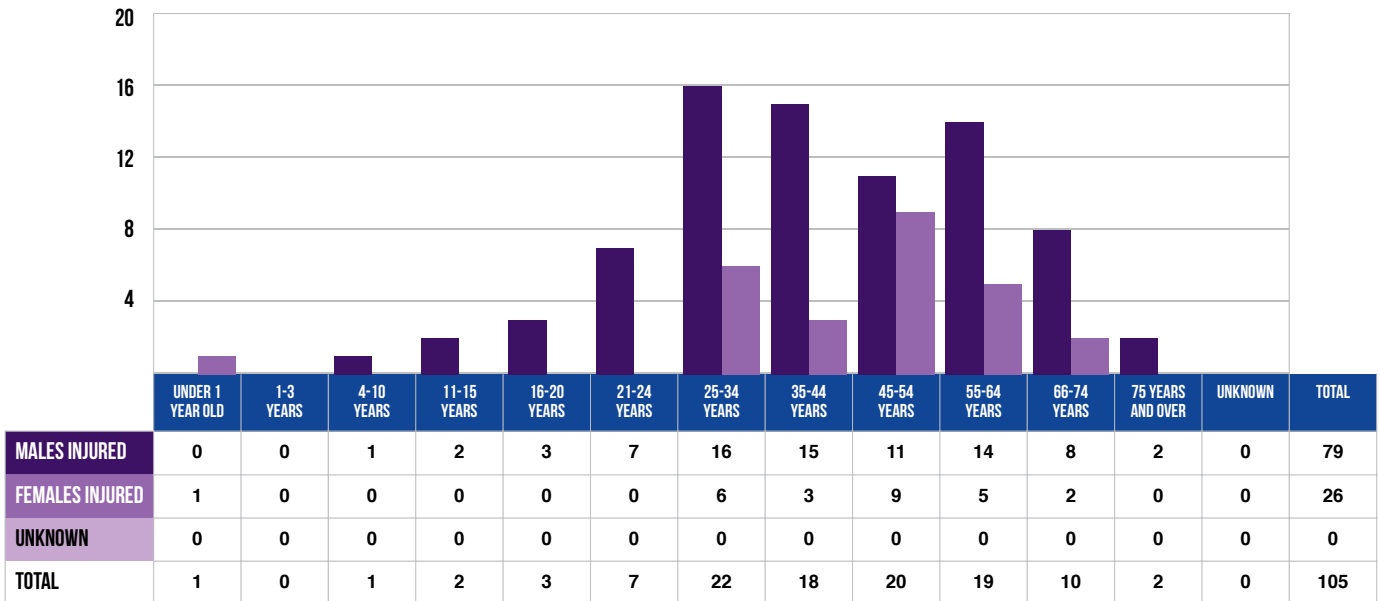
UPPER PENINSULA AGE AND GENDER OF MOTORCYCLISTS KILLED OR INJURED IN MOTOR VEHICLE CRASHES

MOTORCYCLISTS KILLED



Of the 5 motorcyclists killed in traffic crashes in the Upper Peninsula in 2020, 80.0 percent were male. In comparison, 71.9 percent of all occupants killed in crashes in the Upper Peninsula were male.

MOTORCYCLISTS INJURED



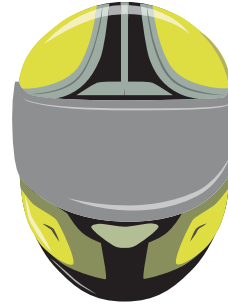
Of the 105 motorcyclists injured in traffic crashes in the Upper Peninsula in 2020, 75.2 percent were male. In comparison, 52.5 percent of all occupants injured in crashes in the Upper Peninsula were male.

UPPER PENINSULA MOTORCYCLE HELMET USAGE AND INJURY SEVERITY

AGE OF MOTORCYCLIST	FATALITIES	INJURY			NO INJURY
		A	B	C	
HELMET WORN					
3 years and under	0	1	0	0	0
4 - 10 years	0	0	0	1	0
11 - 15 years	0	1	0	1	0
16 - 20 years	0	0	2	0	0
21 - 24 years	0	3	3	0	2
25 - 34 years	1	2	10	3	2
35 - 44 years	0	5	3	1	1
45 - 54 years	1	10	4	3	6
55 - 64 years	0	6	5	2	5
65 - 74 years	0	3	3	0	2
75 years and over	0	0	1	0	0
Unknown	0	0	0	0	0
Subtotal	2	31	31	11	18
HELMET NOT WORN					
3 years and under	0	0	0	0	0
4 - 10 years	0	0	0	0	0
11 - 15 years	0	0	0	0	0
16 - 20 years	0	1	0	0	0
21 - 24 years	0	0	0	1	0
25 - 34 years	0	4	1	1	1
35 - 44 years	1	5	1	2	1
45 - 54 years	0	2	0	1	2
55 - 64 years	0	4	1	1	2
65 - 74 years	1	2	2	0	0
75 years and over	0	0	0	0	0
Unknown	0	0	0	0	0
Subtotal	2	18	5	6	6
HELMET USE UNKNOWN					
3 years and under	0	0	0	0	0
4 - 10 years	0	0	0	0	0
11 - 15 years	0	0	0	0	0
16 - 20 years	0	0	0	0	0
21 - 24 years	0	0	0	0	0
25 - 34 years	0	0	1	0	0
35 - 44 years	1	1	0	0	0
45 - 54 years	0	0	0	0	0
55 - 64 years	0	0	0	0	1
65 - 74 years	0	0	0	0	1
75 years and over	0	0	0	1	0
Unknown	0	0	0	0	0
Subtotal	1	1	1	1	2
TOTAL	5	50	37	18	26

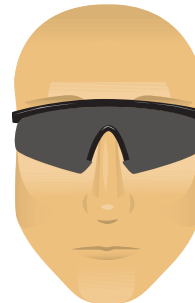
2011 Michigan motor vehicle crash data represents the last full year of data that was collected during Michigan's universal helmet law, enacted in 1969: Michigan Vehicle Code Public Act 300 of 1949, Section 257.658, requiring all motorcycle riders to wear a helmet. On April 13, 2012, Michigan changed 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: 2
PASSENGERS KILLED: 0

HELMET NOT WORN



DRIVERS KILLED: 2
PASSENGERS KILLED: 0

HELMET USE UNKNOWN



DRIVERS KILLED: 0
PASSENGERS KILLED: 1

UPPER PENINSULA OCCUPANT INJURY OUTCOME BY VEHICLE TYPE

VEHICLE	KILLED	INJURY			TOTAL KABC	% OF ALL CRASH INVOLVED KABC OCCUPANTS
		A	B	C		
Passenger car, SUV, van	20	103	209	545	877	63.0
Motor home	0	1	3	1	5	0.4
Pickup truck	5	38	82	128	253	18.2
Small Truck under 10,000 lbs. GVWR	0	0	5	6	11	0.8
Motorcycle	5	50	37	18	110	7.9
Moped/goped	1	5	4	2	12	0.9
Go-cart/golf cart	0	1	0	0	1	0.1
Snowmobile	1	10	10	9	30	2.2
Off-Road Vehicle - ORV/All-Terrain Vehicle - ATV	0	28	33	9	70	5.0
Other	0	1	1	1	3	0.2
Uncoded & Errors	0	0	0	0	0	0.0
CDL Truck/Bus (breakdown below)	0	2	2	17	21	1.5
Total Number of Occupants	32	239	386	736	1,393	100.0

HEAVY TRUCK/BUS GROSS VEHICLE WEIGHT RATING	KILLED	INJURY			TOTAL KABC	% OF ALL CRASH INVOLVED KABC OCCUPANTS
		A	B	C		
10,000 lbs. or less	0	0	0	0	0	0.0
10,001 - 26,000 lbs.	0	0	1	4	5	23.8
Greater than 26,000 lbs.	0	2	1	13	16	76.2
Uncoded & Errors	0	0	0	0	0	0.0
Total Number of Occupants	0	2	2	17	21	100.0

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.