

Motorcyclists in Crashes (2013)

Motorcycle Fatal Crashes & Fatalities
Five-Year Trend

	2009	2010	2011	2012	2013
Motorcycle Fatal Crashes	102	73	88	80	87
Total Fatal Crashes	646	616	609	642	621
Motorcycle Fatal Crashes as Percentage of Total Fatal Crashes	15.8%	11.9%	14.4%	12.5%	14.0%
Motorcyclist Fatalities	105	75	95	83	92
Total Fatalities	737	668	696	708	678
Motorcyclist Fatalities as Percentage of Total Fatalities	14.2%	11.2%	13.6%	11.7%	13.6%

Definitions

A *motorcycle operator* is the person in control of the motorcycle.

A *passenger* is any person seated on the motorcycle but not in control of the motorcycle.

Motorcyclist(s) is any combined reference to the motorcycle operator as well as the passenger.

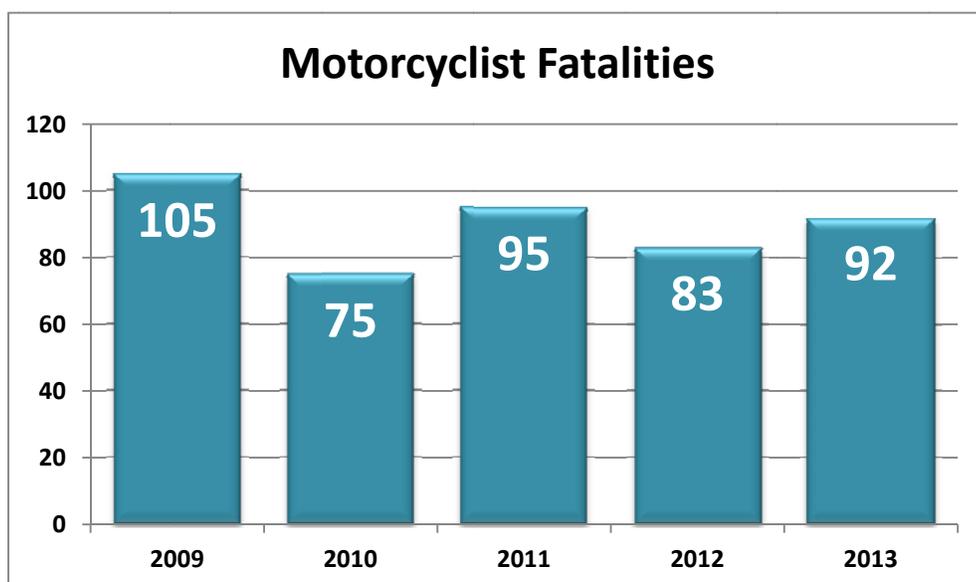
Serious injury includes incapacitating injury and non-incapacitating injury.

Crash injury severity for this fact sheet is based on the motorcyclist with the most severe injury and does not consider the injury severity of others that may have been involved in the crash.

Fatalities & Injuries

In 2013, there were 87 fatal crashes that resulted in 92 motorcyclist fatalities. In addition, 821 serious injury crashes resulted in 902 seriously injured motorcyclists.

Motorcyclist Fatalities



Oklahoma
Department of Public Safety
Highway Safety Office

3223 N. Lincoln Blvd.
Oklahoma City, OK 73105

Phone: 405.523.1570
Fax: 405.523.1586

www.ohso.ok.gov

- ▶ In 2013, 11.1% of motorcycle operators involved in crashes had been drinking
- ▶ Motorcyclist fatalities increased 10.8% from 83 in 2012 to 92 in 2013
- ▶ Motorcycle driver license endorsements increased 2.0% from 2012 to 2013
- ▶ In 2013, 26.8% of motorcycle operators involved in fatal and serious injury crashes were driving at an unsafe speed



Registrations & Motorcycle Endorsements

In 2013, there were 126,882 registered motorcycles according to the Oklahoma Tax Commission, Motor Vehicle Division. Motorcycle registrations in 2013 decreased less than one percent from the 127,679 registered motorcycles in 2012.

Motorcycle endorsements on Oklahoma driver licenses increased from 216,592 in 2012 to 220,866, a 2.0% increase.

Fatalities & Helmet Use

Of the 92 motorcyclists killed in 2013 crashes, 66.3% were not wearing a helmet. Helmet use for another 16.3% of the motorcyclist fatalities was unknown. Of the 61 motorcyclists killed and not wearing a helmet, 93.4% were male.

Fatalities Age & Sex

Of the 92 motorcyclists killed in 2013 crashes, 90.2% were male. Of the motorcyclist fatalities, 26.1% were age 46-55, 19.6% were age 56-65 and 18.5% were age 16-25.

Operator Age & Sex

Of the motorcycle operators involved in fatal and serious injury crashes in 2013, 24.0% were age 46-55, 20.6% were age 26-35 and 19.1% were age 16-25. The vast majority (94.6%) of motorcycle operators involved in fatal and serious injury crashes were male.

Motorcyclist Fatalities (2013) Person Type, Sex & Helmet Use					
		Helmet Use			Total
		Unknown	Not In Use	Helmet	
Operator	Female		1	1	2
	Male	12	57	13	82
	Total	12	58	14	84
Passenger	Female	3	3	1	7
	Male			1	1
	Total	3	3	2	8
Total	Female	3	4	2	9
	Male	23	57	14	83
	Total	15	61	16	92

Motorcycle Operators in Fatal and Serious Injury Crashes (2013) Operator Age & Operator Sex						
Operator Age	Operator Sex				Total	
	Female		Male			
	Number	% of Total	Number	% of Total	Number	% of Total
Not Stated			2	0.2%	3	0.3%
Under 16	2	4.1%	10	1.1%	12	1.3%
16 - 25	6	12.2%	171	19.5%	177	19.1%
26 - 35	8	16.3%	183	20.9%	191	20.6%
36 - 45	8	16.3%	145	16.6%	153	16.5%
46 - 55	20	40.8%	202	23.1%	222	24.0%
56 - 65	5	10.2%	127	14.5%	132	14.3%
66 - 75			32	3.7%	32	3.5%
76+			3	0.3%	3	0.3%
Total	49	100.0%	875	100.0%	925	100.0%

Excludes one operator with unknown sex and unknown age.

Motorcyclist Fatalities (2013) Motorcyclist Age & Sex			
Motorcyclist Age	Motorcyclist Sex		
	Female	Male	Total
Under 16			
16 - 25	1	16	17
26 - 35	2	12	14
36 - 45	1	14	15
46 - 55	4	20	24
56 - 65	1	17	18
66 - 75		4	4
76+			
Total	9	83	92

Alcohol-Related

Of the 925 motorcycle operators involved in fatal and serious injury crashes, 103 (11.1%) had an alcohol-related driver condition. Of the motorcycle operators with an alcohol-related driver condition, 100.0% were male and 33.0% were age 46-55, 26.2% were age 26-35 and 19.4% were age 36-45.

Motorcycle Operator Contributing Factor

Some 26.8% of motorcycle operators in 2013 fatal and serious injury crashes were driving at an unsafe speed, 7.9% made an improper act or movement, 6.5% were inattentive and 5.7% were following too closely.

A closer look at the primary contributing factor of unsafe speed by motorcycle operators shows that 40.3% were driving at an unsafe speed on a curve or turn, 17.3% were exceeding the legal limit and 13.7% were driving at an unsafe speed for traffic conditions.

Motorcycle Operators (2013) in Fatal & Serious Injury Crashes Operator Contributing Factor		
Contributing Factor	Operators	% of Total
Changed Lanes Unsafely	13	1.4%
Failed To Stop	5	0.5%
Failed To Yield	17	1.8%
Followed Too Closely	53	5.7%
Improper Overtaking	9	1.0%
Improper Parking	1	0.1%
Improper Turn	12	1.3%
Inattention	60	6.5%
Left of Center	6	0.6%
Unknown/No Improper Action	26	2.8%
No Improper Action by Driver	336	36.3%
Other Improper Act/Movement	73	7.9%
Stopped in Traffic Lane	1	0.1%
Unsafe Speed	248	26.8%
Unsafe Vehicle	19	2.1%
Wrong Way	1	0.1%
Alcohol DUI/DWI	42	4.5%
Drugs DUI	2	0.2%
Total	924	100.0%

Motorcycle Operators (2013) In Fatal & Serious Injury Crashes Contributing Factor of Unsafe Speed		
Contributing Factor	Operators	% of Total
Unsafe Speed - Driver's Ability (Age)	3	1.2%
Unsafe Speed - Inexperienced Driver (Young)	11	4.4%
Unsafe Speed - Exceeding Legal Limit	43	17.3%
Unsafe Speed - For Traffic Conditions	34	13.7%
Unsafe Speed - For Type of Roadway	14	5.6%
Unsafe Speed - For Ice or Snow on Roadway	1	0.4%
Unsafe Speed - Rain or Wet Roadway	4	1.6%
Unsafe Speed - Wind	3	1.2%
Unsafe Speed - Other Weather Conditions	1	0.4%
Unsafe Speed - Vehicle Condition	1	0.4%
Unsafe Speed - View Obstruction	3	1.2%
Unsafe Speed - On Curve/Turn	100	40.3%
Unsafe Speed - Impeding Traffic	1	0.4%
Unsafe Speed - Other	29	11.7%
Total	248	100.0%

Time & Day

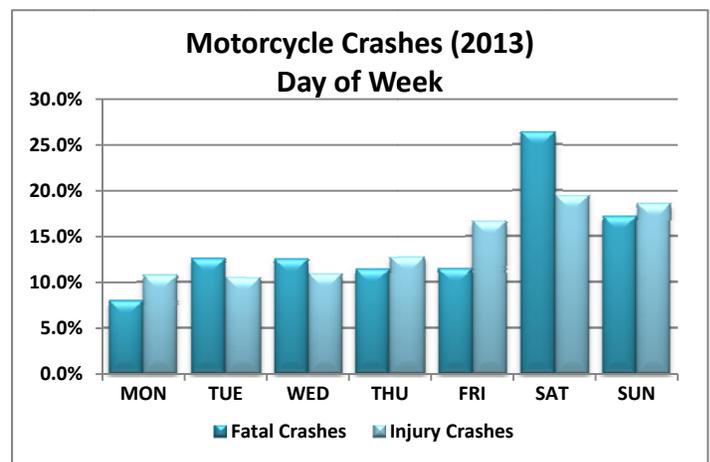
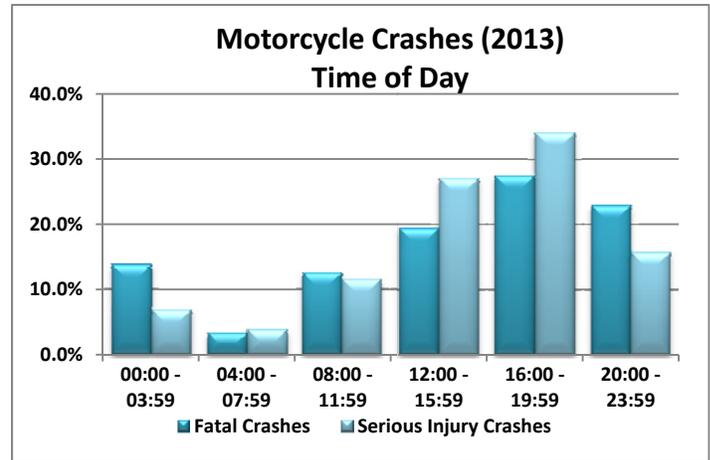
In 2013 there were a total of 87 fatal motorcycle crashes and 821 serious injury crashes.

Both fatal and injury crashes occurred more often between 4:00 p.m. (16:00) and 7:59 p.m. (19:59).

Both fatal and severe injury crashes occurred more often on Saturday than any other day of the week.

Highway Class

- 28.7% of fatal motorcycle crashes occurred on city streets.
- 38.0% of serious injury motorcycle crashes occurred on city streets.
- 37.1% of fatal and serious injury motorcycle crashes occurred on city streets.



Motorcycle Crashes (2013) Fatal & Serious Injury by Highway Class						
Highway Class	Crash Injury Severity					
	Fatal		Serious Injury		Fatal & Serious Injury	
	Number	% of Total	Number	% of Total	Number	% of Total
Rural US Highway	14	16.1%	51	6.2%	65	7.2%
Interstate Highway	10	11.5%	116	14.1%	126	13.9%
Interstate Turnpike	1	1.1%	5	0.6%	6	0.7%
Rural State Highway	9	10.3%	80	9.7%	89	9.8%
County Road	11	12.6%	106	12.9%	117	12.9%
City Street	25	28.7%	312	38.0%	337	37.1%
Urban U.S. Highway	6	6.9%	79	9.6%	95	9.4%
Urban State Highway	10	11.5%	65	7.9%	85	8.3%
Non-interstate Turnpike	1	1.1%	7	0.9%	8	0.9%
Total	87	100.0%	821	100.0%	908	100.0%