

# **Motorcyclists in 2009 Crashes**

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In 2009, motorcyclist fatalities represent 14.2% of the total fatalities, the highest percentage since 2005.

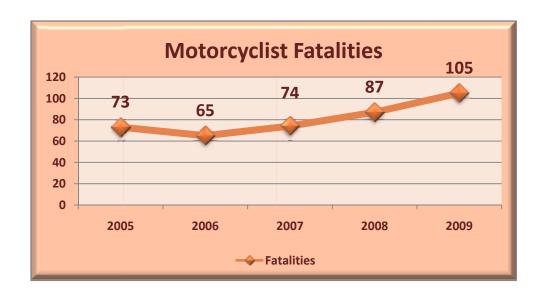
#### **Definitions**

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

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

**Motorcyclist(s)** refers to any combined reference to the motorcycle operator as well as the passenger. **Injury** includes incapacitating injury, non-incapacitating injury and possible injury.

Motorcycle Fatal Crashes & Fatalities Five-Year Trend									
2005 2006 2007 2008 2009									
Motorcycle Fatal Crashes	72	61	70	85	102				
Total Fatal Crashes	708	668	653	673	646				
Motorcycle as Percentage of Total Fatal Crashes	10.2%	9.1%	10.7%	12.6%	15.8%				
Motorcyclist Fatalities	73	65	74	87	105				
Total Fatalities	800	765	770	751	737				
Motorcyclist Fatalities as Percentage of Total Fatalities	9.1%	8.5%	9.6%	11.6%	14.2%				



## **Fatalities & Injuries**

In Oklahoma in 2009, there were 102 fatal crashes involving a motorcycle. These crashes resulted in 105 motorcyclist fatalities and 12 motorcyclists injured. Of the 105 fatalities, 93 were operators and 12 were passengers.

There were 1,129 motorcycle crashes involving an injured motorcyclist. These crashes resulted in 1,324 motorcyclists injured. Of the 1,324 motorcyclists injured 1,157 were operators and 167 were passengers.

## **Registration & Licenses**

In 2009, there were 123,906 registered motorcycles according to the Oklahoma Tax Commission, Motor Vehicle Division. This is a 7.4% increase over the 115,381 registered motorcycles in 2008.

Motorcycle endorsements on Oklahoma driver licenses increased from 181,488 in 2008 to 191,789 in 2009, a 5.7% increase.

## **Fatalities & Helmet Use**

Of the 105 motorcyclists killed in 2009 crashes, 64.8% (68 of 105) were not wearing helmets. Helmet use for another 8.6% (9 of 105) was unknown. Of the 58 operators killed and unhelmeted, 94.8% (55 of 58) were male and 5.2% (3 of 58) were female. Of the 10 unhelmeted passengers, 30.0% (3 of 10) were male and 70.0% (7 of 10) were female.

Motorcyclist Fatalities (2009) Person Type, Sex & Helmet Use										
			Helmet Use							
Person Type	Sex	Unknown	Not In Use	Helmet	Total					
	Female		3	1	4					
	Male	7	55	27	89					
Operator	Total	7	58	28	93					
	Female	1	7		8					
	Male	1	3		4					
Passenger	Total	2	10		12					
	Female	1	10	1	12					
	Male	8	93							
Total	Total	9	68	28	105					

## **Fatalities Age & Sex**

Of the motorcycle operators killed, 26.7% were age 26-35, 19.0% were age 46-55 and 17.1% were age 36-45. Some 95.7% (89 of 93) of the operators killed were male.

Motorcyclist Fatalities in 2009 Crashes Motorcyclists								
Person	Person		Perso	n Sex				
Туре	Age	Female	Male	1	Γotal			
	16 - 25	1	13	14	13.3%			
	26 - 35		28	28	26.7%			
	36 - 45	3	15	18	17.1%			
	46 - 55		20	20	19.0%			
	56 - 65		12	12	11.4%			
	66 - 75		1	1	1.0%			
Operators	Total	4	89	93	88.6%			
	16 - 25	1	1	2	1.9%			
	26 - 35	3	1	4	3.8%			
	36 - 45	2	2	4	3.8%			
	46 - 55	1		1	1.0%			
	76+	1		1	1.0%			
Passengers	Total	8	4	12	11.4%			
	16 - 25	2	14	16	15.2%			
	26 - 35	3	29	32	30.5%			
	36 - 45	5	17	22	21.0%			
	46 - 55	1	20	21	20.0%			
	56 - 65		12	12	11.4%			
Operators	66 - 75		1	1	1.0%			
& Passengers	76+	1		1	1.0%			
Total		12	93	105	100.0%			

12.8% of motorcycle operators in 2009 crashes had an alcohol-related driver condition.

# **Operator Age & Sex**

Of the motorcycle operators involved in crashes, 23.3% were age 46-55, 21.1% were age 26-35 and 20.3% were age 16-25. Some 94.3% (1,377 of 1,461) of the operators were male.

	Motorcycle Operators in 2009 Crashes Operator Age & Sex								
	Op	erator Sex							
Operator Age	Unknown	Female	Male	Т	otal				
Unknown	6		3	9	.6%				
Under 16			14	14	1.0%				
16 - 25		11	285	296	20.3%				
26 - 35		17	291	308	21.1%				
36 - 45		18	268	286	19.6%				
46 - 55		23	317	340	23.3%				
56 - 65		9	178	187	12.8%				
66 - 75			16	16	1.1%				
76+			5	5	.3%				
Total	6	78	1377	1461	100.0%				

# **Operator Condition**

Some 12.8% (186 of 1,455) of the motorcycle operators involved in crashes had an alcohol-related driver condition. Of those with an alcohol-related driver condition, 98.9% (184 of 186) were male. Of the operators with an alcohol-related driver condition, 30.1% were age 46-55, 27.4% were age 26-35 and 20.4% were age 36-45.

	Motorcycle Operators in 2009 Crashes Operator Age & Sex											
Alcohol-Related Driver Condition												
Operator		Not Alcoh	ol-Related			Alcohol-	Related			To	tal	
Age	Female	Male	To	otal	Female	Male	1	Гotal	Female	Male	Т	otal
Not Stated		2	2	.2%		1	1	.5%		3	3	.2%
Under 16		14	14	1.1%						14	14	1.0%
16 - 25	11	257	268	21.1%		28	28	15.1%	11	285	296	20.3%
26 - 35	17	240	257	20.3%		51	51	27.4%	17	291	308	21.2%
36 - 45	18	230	248	19.5%		38	38	20.4%	18	268	286	19.7%
46 - 55	21	263	284	22.4%	2	54	56	30.1%	23	317	340	23.4%
56 - 65	9	167	176	13.9%		11	11	5.9%	9	178	187	12.9%
66 - 75		15	15	1.2%		1	1	.5%		16	16	1.1%
76+		5	5	.4%						5	5	.3%
Total	76	1193	1269	100.0%	2	184	186	100.0%	78	1377	1455	100.0%
Excludes 6 op	erators with	unknown	sex & age.			·				·	·	

## **Motorcycle Operator Contributing Factor**

Some 24.0% of motorcycle operators in 2009 crashes were driving at an Unsafe Speed, 6.8% made an Improper Act/ Movement and 4.5% were Inattentive.

Motorcycle Operators in Crashes (2009) Operator Contributing Factor Sorted by Number of Operators								
Contributing Factor	Operators	% of Total						
No Improper Action by Driver	679	46.5%						
Unsafe Speed	350	24.0%						
Other Improper Act/Movement	100	6.8%						
Inattention	66	4.5%						
Followed Too Closely	63	4.3%						
DUI-Alcohol	63	4.3%						
Failed To Yield	38	2.6%						
Unsafe Vehicle	27	1.8%						
Failed To Stop	15	1.0%						
Improper Overtaking	13	.9%						
Improper Turn	13	.9%						
Changed Lanes Unsafely	11	.8%						
Left of Center	11	.8%						
Wrong Way	4	.3%						
Improper Start	3	.2%						
Stopped in Traffic Lane	2	.1%						
DUI-Drugs	2	.1%						
Improper Parking	1	.1%						
Total	1461	100.0%						

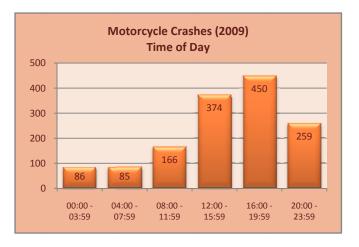
A closer look at the primary contributing factor of Unsafe Speed by motorcycle operators shows that 36.9% were driving at an unsafe speed on a curve/turn, 19.1% were exceeding the legal speed limit and 15.4% were driving at an unsafe speed for traffic conditions.

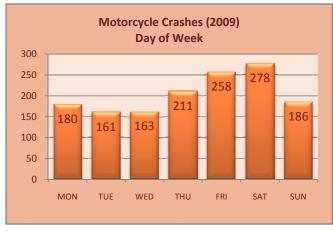
Motorcycle Operators in Crashes (2009) Unsafe Speed Contributing Factor Sorted by Number of Operators							
		% of					
Unsafe Speed	Operators	Total					
Unsafe Speed - On Curve/Turn	129	36.9%					
Unsafe Speed - Exceeding Legal Limit	67	19.1%					
Unsafe Speed - For Traffic Conditions	54	15.4%					
Unsafe Speed - Other	39	11.1%					
Unsafe Speed - Inexperienced Driver (Young)	22	6.3%					
Unsafe Speed - Rain or Wet Roadway	16	4.6%					
Unsafe Speed - For Type of Roadway	11	3.1%					
Unsafe Speed - Driver's Ability (Age)	4	1.1%					
Unsafe Speed - Wind	3	.9%					
Unsafe Speed - Other Weather Conditions	2	.6%					
Unsafe Speed - Vehicle Condition	2	.6%					
Unsafe Speed - View Obstruction	1	.3%					
Total	350	100.0%					

### **Time & Day**

In 2009 there were 1,437 total motorcycle crashes. Some 31.3% of these crashes occurred between the hours of 4 p.m. (16:00) and 7:59 p.m. (19:59), followed by 26.0% between 12:00 Noon (12:00) and 3:39 p.m. (15:59).

Saturday had the highest occurrence of these crashes in 2009 with 19.3% of the total crashes, followed by Friday with 18.0% of the total crashes.





### **Number of Vehicles Involved**

Some 46.1% of the motorcycle crashes involved only the motorcycle, 50.8% involved the motorcycle and one other vehicle and 3.1% involved the motorcycle and two or more vehicles.

Some 57.8% of the fatal motorcycle crashes involved only the motorcycle, 37.3% involved the motorcycle and another vehicle and 4.9% involved the motorcycle and two or more vehicles.

			Motorcyclists in 2009				
	<u> </u>	Ву	County & Person Injui				
County	Fatal	Incapacitating	Person Injury Se Non-incapacitating	Possible	None	Unknown	Total
Adair	ratai	incapacitating	3	1	1	Olikilowii	5
Atoka		1			1		2
Beckham		2	2	1	2		7
Bryan	1	6	5	6	6		24
Caddo	1	2	3		2		8
Canadian		9	9	8	5		31
Carter	1	5	13	1	4	2	26
Cherokee	1	9	8	3	3	0	24
Choctaw	2	2			2		6
Cimarron		1					1
Cleveland	3	31	37	15	16	4	106
Comanche	3	17	30	9	12	1	72
Cotton	1		3	2	1		7
Craig	1				2		3
Creek	1	3	5	4	3		16
Custer		2	6	1	2		11
Delaware	2	17	16	5	2		42
Dewey		1	2	1			4
Garfield	3	8	9	7	6		33
Garvin		7	2	2	2		13
Grady		3	4	3	4		14
Grant		2			1		3
Greer			1				1
Harper	1						1
Haskell	1	3		2			6
Hughes		1	1				2
Jackson	1	6	4	1	5		17
Jefferson		2					2
Johnston		1	1	1			3
Kay	5	3	9		2		19
Kingfisher		1	6		2		9
Kiowa		1	5		1		7
Latimer	1	2	1				4
LeFlore	4	21	11	4	6	1	47
Lincoln	1	5	6		1		13
Logan	1		2	3	3		9
Love					1		1
McClain		5	3		3		11
McCurtain	1	5	3	1	2		12

	Motorcyclists in 2009 Crashes By County & Person Injury Severity									
		Бу	Person Injury Se							
County	Fatal	Incapacitating	Non-incapacitating	Possible	None	Unknown	Total			
McIntosh	1	1		5	2		9			
Major			3				3			
Marshall		2	1	1	3		7			
Mayes	2	8	12	7	3		32			
Murray		3	4		1		8			
Muskogee	4	8	10	7	3	1	33			
Noble			1				1			
Okfuskee			3				3			
Oklahoma	19	60	129	58	59	10	335			
Okmulgee	1	1	6	1	1		10			
Osage	3	6	6	6			21			
Ottawa	2	5	4	5	1		17			
Pawnee	1	1	2		1		5			
Payne	2	17	17	10	4		50			
Pittsburg	2	4	3	3	2		14			
Pontotoc	2	3	4	3			12			
Pottawatomie	1	7	8	6	1	1	24			
Pushmataha		1	4				5			
Roger Mills			1				1			
Rogers	1	5	21	1	2		30			
Seminole	2		7	1			10			
Sequoyah	1	5	4	7	3		20			
Stephens	2	9	6	2	1		20			
Texas		1	2	1			4			
Tillman			1		1		2			
Tulsa	18	62	121	45	40	3	289			
Wagoner	2	6	5	4	4		21			
Washington	1	3	9	2	2		17			
Washita			1				1			
Woods			1				1			
Woodward	2	1	2	2	2		9			
Total	105	403	608	258	239	23	1636			

			otorcyclists in 2009 Crash Town & Person Injury S				
		by City,	Person Injury Severi				
City/Town	Fatal	Incapacitating	Non-incapacitating	Possible	None	Unknown	Total
Ada		2		2			4
Altus		1	4	1	4		10
Anadarko		1					1
Antlers			1				1
Arcadia			1				1
Ardmore		1	7	1	2		11
Atoka					1		1
Bartlesville	1	2	6	1	1		11
Bethany		3	3	3	2		11
Big Cabin					1		1
Bixby		2	2	1	1		6
Blanchard			1		1		2
Broken Arrow		4	13	4	6		27
Carrier				1			1
Chandler		1	1				2
Checotah		1		1			2
Chickasha			2	1	3		6
Choctaw			1	1	1		3
Claremore		1	5		2		8
Clinton					1		1
Colbert				1			1
Collinsville	1		4	2			7
Comanche			1				1
Coweta	1			2	2		5
Cushing			2		1		3
Custer City					1		1
Del City		2	7	2	2		13
Dewey				1			1
Dover			1				1
Drumright				1			1
Duncan	2	7	5	1	1		16
Durant		2	4	3	5		14
Edmond		3	10	1	8	1	23
El Reno			1				1
Elk City		1		1	2		4
Enid	2	7	9	6	5		29
Erick			1				1

			otorcyclists in 2009 Crash /Town & Person Injury S Person Injury Severi	everity			
City/Town	Fatal	Incapacitating	Non-incapacitating	Possible	None	Unknown	Total
Eufaula	1	incapacitating	Non-incapacitating	Possible	None	Olikilowii	1
Fairview	1		1				1
Fort Gibson		1					2
Fort Towson	1	1	1				1
Geary	1			1			1
Glenpool	1	1		1	1		3
Grandfield	1	1			1		1
Grove		4	3		1		8
Guthrie		7	3	1	2		3
Guymon		1	1	1	2		2
Harrah		1	3	1	1		6
Heavener			1	-	-		1
Hinton		1	1				2
Hugo		1	_				1
Idabel		1					1
Jay		1					1
Jenks		1	1				2
Kingfisher			2		1		3
Kingston					1		1
Lawton	2	10	23	8	10	1	54
Loco				1			1
Locust Grove			1		2		3
Lone Grove		1				1	2
Luther		1	1				2
McAlester	1	4	1	2	1		9
Medicine Park		1	1	1	1		4
Miami		2	3	2	1		8
Midwest City	1	5	6	6	3	1	22
Minco			1				1
Moore	1	4	11	5	4	1	26
Muldrow					1		1
Muskogee	1	6	7	6	3	1	24
Mustang		3	3	1	1		8
Newcastle		3			1		4
Nichols Hills				1			1
Noble				1	1		2
Norman	2	16	16	3	6	3	46
Okarche		1					1

			torcyclists in 2009 Crash Town & Person Injury S				
		27 0.047	Person Injury Severi				
City/Town	Fatal	Incapacitating	Non-incapacitating	Possible	None	Unknown	Total
Oklahoma City	18	55	107	46	48	8	282
Okmulgee			1				1
Oologah			1				1
Pauls Valley		2	1		1		4
Perkins		1					1
Perry			1				1
Piedmont			1	1	1		3
Pocola			2		1	1	4
Ponca City	1	3	4		2		10
Poteau			2	2	3		7
Pryor		1	1	2	1		5
Purcell					1		1
Sallisaw	1	1	1	3			6
Sand Springs		2	2		1		5
Sapulpa		1	1		3		5
Shawnee		4	5	4	1	1	15
Skiatook			5	1			6
Slaughterville		2					2
Spavinaw		2	1				3
Stillwater		6	10	6	2		24
Sulphur			1		1		2
Tecumseh				1			1
The Village			2				2
Tishomingo				1			1
Tulsa	15	50	89	36	31	3	224
Union City			1				1
Vinita					1		1
W. Siloam Springs				1			1
Wagoner		1	1				2
Walters			2				2
Warr Acres		1					1
Wayne			2				2
Weatherford			3				3
Webbers Falls	1						1
Woodward	1	1	2		2		6
Yukon		1		5	1		7
Total	55	245	429	187	197	22	1,135