

# Pedalcyclists in 2008 Crashes

## Fact Sheet

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### Definition

Pedalcyclists are defined as bicyclists and other cyclist riders of two-wheeled non-motorized vehicles, tricycles or unicycles powered solely by pedals.

### Involvement

In 2008, there were 357 pedalcyclists involved in Oklahoma's crashes.

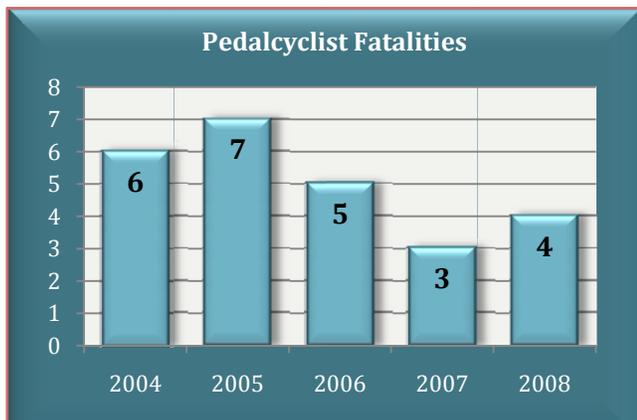
There were four pedalcyclist fatalities in 2008 — an increase of one pedalcyclist from the three killed in 2007.

There were 305 pedalcyclists injured in 2008 — a decrease of 12 pedalcyclists from the 317 injured in 2007.

The four pedalcyclist fatalities in 2008 accounted for less than one percent of the total 751 traffic fatalities in 2008.

### Pedalcyclist Fatalities

Three of the four pedalcyclists killed in 2008 crashes were male. The pedalcyclists killed in 2008 crashes ranged in age from 14 to 46.



### Rural vs. Urban

In 2008, 93.0% of the pedalcyclist involved crashes occurred in urban areas and three of the four pedalcyclist fatalities occurred in urban areas.

### Alcohol-Related

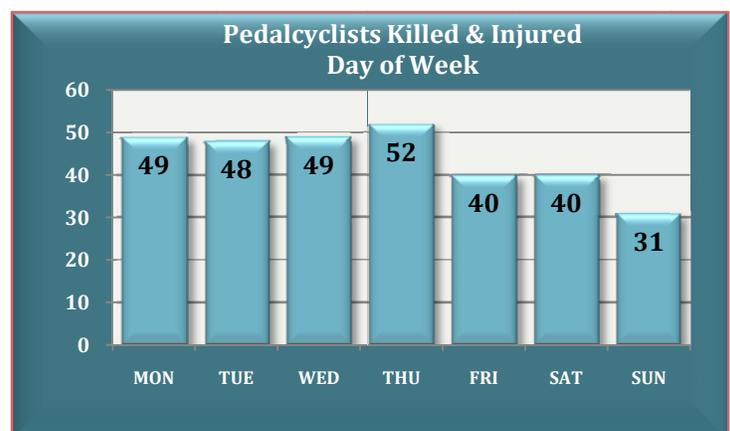
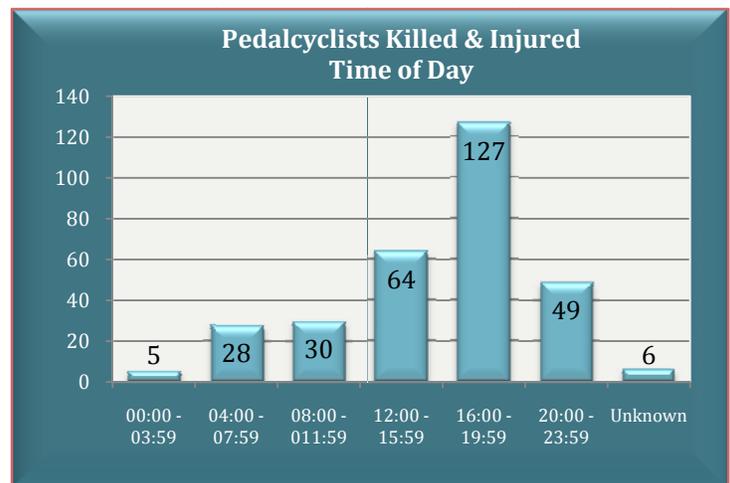
Alcohol involvement — either for the driver or the pedalcyclist — was reported in 7.7% of the crashes in 2008 that involved a pedalcyclist. Of the pedalcyclists involved, 7.6% had been drinking and 7.7% of the drivers had been drinking.

One of the four 2008 crashes resulting in a pedalcyclist fatality involved a drinking driver. One of the four pedalcyclists killed had been drinking.

### Time & Day

Forty-one percent of the pedalcyclist fatalities and injuries in 2008 occurred between 4 p.m. (16:00) and 8 p.m. (20:00)

More pedalcyclist fatalities occurred on weekdays than on weekends.



### Pedalcyclist Action

Pedalcyclist Action indicates what the pedalcyclist was doing just prior to involvement in a collision.

Some 17.6% of pedalcyclists involved in crashes were riding with traffic, 16.5% were crossing at an intersection and 7.0% were crossing not at an intersection.

Pedalcyclists in 2008 Crashes					
Pedalcyclist Injury Severity & Pedalcyclist Action					
Pedalcyclist Action Prior to Crash	Pedalcyclist Injury Severity				Total
	Fatal	Injury	None	Unknown	
Crossing at Intersection		53	5	1	59
Crossing Not at Intersection	1	18	5	1	25
Crossing at Other Crosswalk		8	1	1	10
Riding with Traffic	1	54	7	1	63
Riding Against Traffic	1	15	1	1	18
Playing		2			2
Entering/Crossing Specified Location		2		1	3
Entering/Crossing from Behind Other Vehicle		2			2
Standing		1			1
Improper Crossing	1	10		2	13
Darting		9		1	10
In Roadway (Standing, on Knees, Lying, Etc.)		2			2
Failure to Yield Right of Way		6	1		7
Not Visible (Dark Clothing)		1			1
Inattentive (Talking, Eating, Etc.)		3			3
Failure to Obey Traffic Signs, Signals, or Officer		10			10
Wrong Side of Road		4	1		5
Other		7	2		9
Unknown		98	12	4	114
<b>Total</b>	<b>4</b>	<b>305</b>	<b>35</b>	<b>13</b>	<b>357</b>

### Pedalcyclists Killed by Age Group (2008)

Person Age	Total Killed	Pedalcyclists Killed	% of Total Killed
Unknown	4		
1 - 5	6		
6 - 10	2		
11 - 15	25	1	4.0%
16 - 20	112		
21 - 25	82	1	1.2%
26 - 30	73		
31 - 35	46	1	2.2%
36 - 40	47		
41 - 45	55		
46 - 50	59	1	1.7%
51 - 55	61		
56 - 60	48		
61 - 65	27		
66 - 70	30		
71 - 75	26		
76 - 80	17		
81 - 85	16		
86+	15		
<b>Total</b>	<b>751</b>	<b>4</b>	<b>0.5%</b>

### Pedalcyclists Injured by Age Group (2008)

Person Age	Total Injured	Pedalcyclists Injured	% of Total Injured
Unknown	243	5	2.1%
1 - 5	902	11	1.2%
6 - 10	956	41	4.3%
11 - 15	1,421	55	3.9%
16 - 20	6,127	38	0.6%
21 - 25	4,858	28	0.6%
26 - 30	3,613	15	0.4%
31 - 35	2,822	14	0.5%
36 - 40	2,801	12	0.4%
41 - 45	2,712	24	0.9%
46 - 50	2,643	18	0.7%
51 - 55	2,251	19	0.8%
56 - 60	1,827	12	0.7%
61 - 65	1,344	6	0.4%
66 - 70	851	2	0.2%
71 - 75	672	3	0.4%
76 - 80	491	1	0.2%
81 - 85	346	1	0.3%
86+	181		0.0%
<b>Total</b>	<b>37,061</b>	<b>305</b>	<b>0.8%</b>

Pedalcyclists Killed									
Fatality Rate by Age & Sex (2008)									
Person Age	Female			Male			Total		
	Killed	Population	Fatality Rate	Killed	Population	Fatality Rate	Killed	Population	Fatality Rate
Under 1		27,192			28,398			55,590	
1 - 5		127,483			133,853			261,336	
6 - 10		119,608			126,726			246,334	
11 - 15	1	116,718	.86		123,227		1	239,945	.42
16 - 20		122,556			132,750			255,306	
21 - 25		128,455		1	142,579	.70	1	271,034	.37
26 - 30		130,650			137,062			267,712	
31 - 35		109,293		1	111,544	.90	1	220,837	.45
36 - 40		113,779			115,170			228,949	
41 - 45		119,136			118,138			237,274	
46 - 50		132,397		1	128,518	.78	1	260,915	.38
51 - 55		126,002			119,868			245,870	
56 - 60		111,564			103,809			215,373	
61 - 65		93,628			84,899			178,527	
66+		265,059			192,300			457,359	
<b>Total</b>	<b>1</b>	<b>1,843,520</b>	<b>.05</b>	<b>3</b>	<b>1,798,841</b>	<b>.17</b>	<b>4</b>	<b>3,642,361</b>	<b>.11</b>

Rate per 100,000 population

Pedalcyclists Injured									
Injury Rate by Age & Sex (2008)									
Person Age	Female			Male			Total		
	Injured	Population	Injury Rate	Injured	Population	Injury Rate	Injured	Population	Injury Rate
Under 1	1	27,192	3.68	3	28,398	10.56	4	55,590	7.20
1 - 5	2	127,483	1.57	9	133,853	6.72	11	261,336	4.21
6 - 10	10	119,608	8.36	31	126,726	24.46	41	246,334	16.64
11 - 15	10	116,718	8.57	45	123,227	36.52	55	239,945	22.92
16 - 20	12	122,556	9.79	26	132,750	19.59	38	255,306	14.88
21 - 25	4	128,455	3.11	24	142,579	16.83	28	271,034	10.33
26 - 30	2	130,650	1.53	13	137,062	9.48	15	267,712	5.60
31 - 35	1	109,293	0.91	13	111,544	11.65	14	220,837	6.34
36 - 40	2	113,779	1.76	10	115,170	8.68	12	228,949	5.24
41 - 45	5	119,136	4.20	19	118,138	16.08	24	237,274	10.11
46 - 50	1	132,397	0.76	17	128,518	13.23	18	260,915	6.90
51 - 55	4	126,002	3.17	15	119,868	12.51	19	245,870	7.73
56 - 60	2	111,564	1.79	10	103,809	9.63	12	215,373	5.57
61 - 65		93,628		6	84,899	7.07	6	178,527	3.36
66+		265,059		7	192,300	3.64	7	457,359	1.53
<b>Total</b>	<b>56</b>	<b>1,843,520</b>	<b>3.04</b>	<b>248</b>	<b>1,798,841</b>	<b>13.79</b>	<b>304</b>	<b>3,642,361</b>	<b>8.35</b>

Excludes 1 pedalcyclist with unknown age and gender.  
Rate per 100,000 population  
Includes incapacitating, non-incapacitating and possible injuries.

Pedalcyclists Killed & Injured by County (2008)					
Fatality & Injury Rate = Fatalities & Injuries per 5,000 Population					
County	Total Traffic Fatalities & Injuries	Population	Pedalcyclist Fatalities & Injuries	% of Total Fatalities & Injuries	Fatality & Injury Rate
Adair	154	21,811			
Alfalfa	51	5,637			
Atoka	166	14,655	2	1.20%	0.68
Beaver	50	5,248			
Beckham	247	21,136	2	0.81%	0.47
Blaine	122	12,659			
Bryan	517	40,109	4	0.77%	0.50
Caddo	229	29,024	2	0.87%	0.34
Canadian	755	106,079	7	0.93%	0.33
Carter	414	47,979	3	0.72%	0.31
Cherokee	335	45,733	1	0.30%	0.11
Choctaw	127	14,890			
Cimarron	32	2,556			
Cleveland	2124	239,760	48	2.26%	1.00
Coal	39	5,721			
Comanche	1031	111,772	13	1.26%	0.58
Cotton	81	6,191			
Craig	141	15,132	2	1.42%	0.66
Creek	482	69,822	2	0.41%	0.14
Custer	225	26,412	5	2.22%	0.95
Delaware	350	40,425	2	0.57%	0.25
Dewey	55	4,389			
Ellis	21	3,971			
Garfield	646	58,167	19	2.94%	1.63
Garvin	270	27,247			
Grady	434	51,066	4	0.92%	0.39
Grant	36	4,450			
Greer	31	5,713			
Harmon	8	2,843			
Harper	29	3,290			
Haskell	76	12,152			
Hughes	99	13,625	1	1.01%	0.37
Jackson	195	25,236	6	3.08%	1.19
Jefferson	44	6,219			
Johnston	79	10,286			
Kay	372	45,632	4	1.08%	0.44
Kingfisher	114	14,300	1	0.88%	0.35
Kiowa	37	9,399			
Latimer	110	10,561	1	0.91%	0.47
LeFlore	399	49,802	1	0.25%	0.10
Lincoln	311	32,153	1	0.32%	0.16
Logan	227	38,102	1	0.44%	0.13
Love	75	9,155			
McClain	440	32,365	1	0.23%	0.15
McCurtain	328	33,532	3	0.91%	0.45
McIntosh	118	19,698			

Pedalcyclists Killed & Injured by County (2008)					
Fatality & Injury Rate = Fatalities & Injuries per 5,000 Population					
County	Total Traffic Fatalities & Injuries	Population	Pedalcyclist Fatalities & Injuries	% of Total Fatalities & Injuries	Fatality & Injury Rate
Major	63	7,112			
Marshall	127	14,919			
Mayes	475	39,912			
Murray	158	12,784			
Muskogee	617	71,278	4	0.65%	0.28
Noble	123	11,169	3	2.44%	1.34
Nowata	77	10,729	2	2.60%	0.93
Okfuskee	111	11,172			
Oklahoma	9218	706,617	66	0.72%	0.47
Okmulgee	258	39,219	3	1.16%	0.38
Osage	277	45,489	2	0.72%	0.22
Ottawa	327	31,849	3	0.92%	0.47
Pawnee	132	16,307			
Payne	726	78,280	11	1.52%	0.70
Pittsburg	567	45,115	1	0.18%	0.11
Pontotoc	235	36,999			
Pottawatomie	707	69,616	3	0.42%	0.22
Pushmataha	94	11,710			
Roger Mills	32	3,404			
Rogers	772	84,300	3	0.39%	0.18
Seminole	210	24,200			
Sequoyah	339	41,034	1	0.29%	0.12
Stephens	348	43,498	1	0.29%	0.11
Texas	121	20,283	1	0.83%	0.25
Tillman	45	7,899	2	4.44%	1.27
Tulsa	8129	591,982	57	0.70%	0.48
Wagoner	417	68,960	5	1.20%	0.36
Washington	463	50,452	5	1.08%	0.50
Washita	97	11,709			
Woods	59	8,422			
Woodward	209	19,838			
<b>Total</b>	<b>37759</b>	<b>3,642,361</b>	<b>309</b>	<b>0.82%</b>	<b>0.42</b>