



# Quick Facts

## Illinois Crash Information 2006

### Pedalcyclists

Pedalcyclists involved in motor vehicle incidents constitute a unique subset of crash victims by age group and the type of safety equipment that can protect them.

	All Crashes	Crashes Involving Pedalcyclists
<b>Crashes:</b>	408,851	3,210
<b>Fatal Crashes:</b>	1,136	24 <sup>a</sup>
<b>Injury Crashes:</b>	75,376	3,176 <sup>a</sup>
<b>Total People Involved:</b>	960,890 <sup>b</sup>	3,248 <sup>c</sup>
<b>Total Fatalities:</b>	1,254 <sup>b</sup>	24 <sup>c</sup>
<b>Total Non-Fatal Injuries:</b>	106,901 <sup>b</sup>	3,203 <sup>c</sup>

<sup>a</sup> Numbers only reflect crashes in which fatality or non-fatal injury was specifically a pedalcyclist

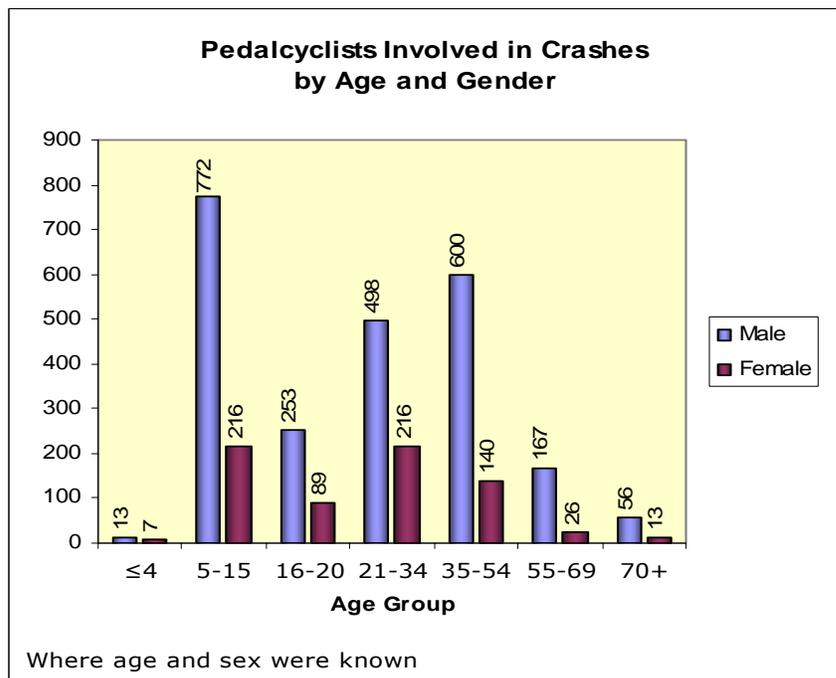
<sup>b</sup> Totals include occupants and non-occupants; e.g. 960,890 total people = 951,223 occupants + 9,667 non-occupant

<sup>c</sup> Numbers include pedalcyclists only

Just 3,210 (0.8%) of all 408,851 crashes in Illinois in 2006 involved pedalcyclists. Pedalcyclist fatalities accounted 24 (1.9%) of all 1,254 traffic fatalities. In addition, there were two occupant fatalities in crashes involving pedalcyclists.

### Demographic Facts

- 2,480 (77.1%) of all 3,217 pedalcyclists involved in crashes were male, where sex was known
- 1,218 (39.7%) of all 3,066 pedalcyclists involved in crashes were children aged 5 to 15, where age was known



Note: Data as of May 23, 2008; with 408,851 crash records, 766,704 vehicle records and 960,890 person records

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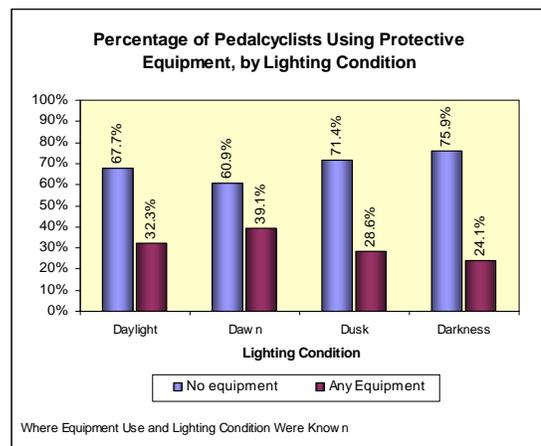
## Protective Equipment

Use of protective equipment including contrasting clothing, reflective clothing and other light sources may reduce the likelihood of a pedalcyclist being involved in a motor vehicle incident.

- Overall, 852 (30.8%) of 2,764 pedalcyclists involved in crashes were using one of these forms of protective equipment (where usage was known)
- The majority (14 of 23, or 60.9%) of pedalcyclists who were fatally injured used no protective equipment (where usage was known)

	Protective Equipment Used				Total
	Contrasting clothing	Reflective material	Other light source used	None	
Not injured # (%)	3 (15.0)	0 (0.0)	0 (0.0)	17 (85.0)	20 (100.0)
Injured # (%)	669 (24.6)	94 (3.5)	77 (2.8)	1881 (69.1)	2721 (100.0)
Fatally Injured # (%)	5 (21.7)	3 (13.0)	1 (4.3)	14 (60.9)	23 (100.0)
<b>TOTAL # (%)</b>	<b>677 (24.5)</b>	<b>97 (3.5)</b>	<b>78 (2.8)</b>	<b>1912 (69.2)</b>	<b>2764 (100.0)</b>

- Usage rates for protective equipment varied by the lighting condition (time of day) in which crashes involving pedalcyclists occurred. In daylight 683 (32.3%) of all 2,112 pedalcyclists involved in crashes used protective equipment, but in darkness only 34 (24.1%) of all 134 did so (where usage was known).



## Geographic Facts

- 2,028 (63.2%) of all 3,210 crashes involving pedalcyclists took place in Cook County
  - In comparison, Cook County accounts for just 43.3% of the overall population of Illinois\* and just 31.0% of the average vehicle miles traveled†
- 3,098 (96.5%) of all 3,210 crashes involving pedalcyclists took place on roads or highways that were classified as "urban" use

\* Source: Census 2000, U.S. Census Bureau

† Source: Illinois Travel Statistics 2006, Illinois Department of Transportation

	Crashes Involving One or More Pedalcyclists		Crashes Involving No Pedalcyclists	
	n	(%)	n	(%)
<b>Chicago</b>	1,401	(43.6%)	117,038	(28.9%)
<b>Suburban Cook County</b>	627	(19.5%)	84,002	(20.7%)
<b>Chicago Collar Counties</b>	454	(14.1%)	83,162	(20.5%)
<b>Rest of State - Urban</b>	445	(13.9%)	61,627	(15.2%)
<b>Rest of State - Rural</b>	283	(8.8%)	59,812	(14.7%)

Note: Counties were stratified according to criteria defined by the Behavioral Risk Factor Surveillance System for the Illinois Department of Public Health  
 URL: <http://app.idph.state.il.us/brfss/default.asp>