

# Quick Facts

## Illinois Crash Information 2008

### 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>	408,399	3,863
<b>Fatal Crashes:</b>	950	27 <sup>a</sup>
<b>Injury Crashes:</b>	67,845	3,332 <sup>a</sup>
<b>Total People Involved:</b>	937,463 <sup>b</sup>	3,892 <sup>c</sup>
<b>Total Fatalities:</b>	1,043 <sup>b</sup>	27 <sup>c</sup>
<b>Total Non-Fatal Injuries:</b>	94,098 <sup>b</sup>	3,355 <sup>c</sup>

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

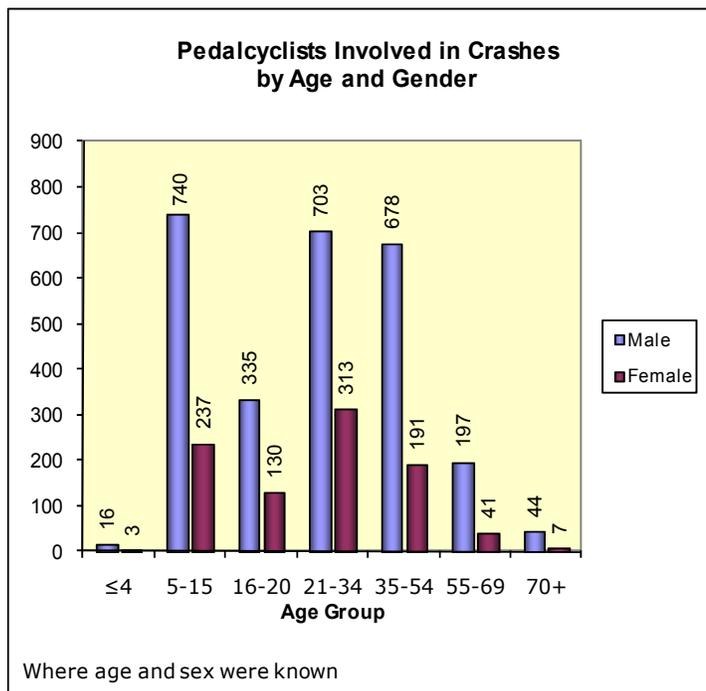
<sup>b</sup> Totals include occupants and non-occupants; e.g. 937,463 total people = 927,093 occupants + 10,370 non-occupants

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

Just 3,863 (0.9%) of all 408,399 crashes in Illinois in 2008 involved pedalcyclists. Pedalcyclist fatalities accounted 27 (2.6%) of all 1,043 traffic fatalities.

### Demographic Facts

- 2,878 (75.2%) of all 3,825 pedalcyclists involved in crashes were male, where sex was known
- 977 (26.9%) of all 3,635 pedalcyclists involved in crashes were children aged 5 to 15, where age was known



Note: Data as of January 6, 2010; with 408,399 crash records, 751,885 vehicle records and 937,463 person records

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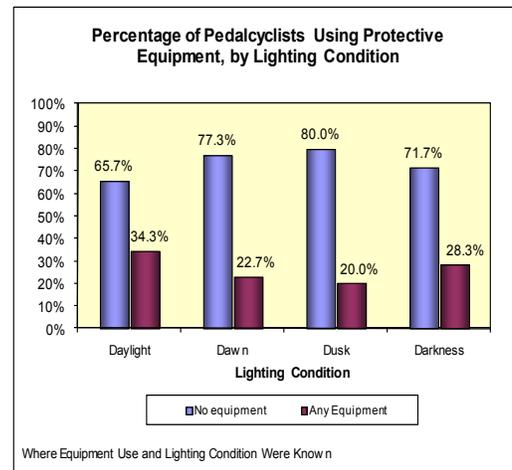
## Protective Equipment

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, 1,090 (32.5%) of 3,357 pedalcyclists involved in crashes were using one of these forms of protective equipment (where usage was known)
- The majority (15 of 23, or 65.2%) 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	
<b>Not injured # (%)</b>	89 (25.9)	13 (3.8)	14 (4.1)	228 (66.3)	344 (100.0)
<b>Injured # (%)</b>	772 (25.8)	105 (3.5)	89 (3.0)	2024 (67.7)	2990 (100.0)
<b>Fatally Injured # (%)</b>	5 (21.7)	1 (4.3)	2 (8.7)	15 (65.2)	23 (100.0)
<b>TOTAL # (%)</b>	866 (25.8)	119 (3.5)	105 (3.1)	2267 (67.5)	3357 (100.0)

- Usage rates for protective equipment varied by the lighting condition (time of day) in which crashes involving pedalcyclists occurred. In daylight 880 (34.3%) of all 2,567 pedalcyclists involved in crashes used protective equipment, but in darkness only 175 (28.3%) of all 619 did so (where usage was known).



## Geographic Facts

- 2,572 (66.6%) of all 3,863 crashes involving pedalcyclists took place in Cook County
  - In comparison, Cook County accounts for 43.3% of the overall population of Illinois\* and 31.0% of the average vehicle miles traveled†

	Crashes Involving One or More Pedalcyclists		Crashes Involving No Pedalcyclists	
	n	(%)	n	(%)
<b>Chicago</b>	1,751	(45.3%)	109,942	(27.2%)
<b>Suburban Cook County</b>	821	(21.3%)	84,685	(20.9%)
<b>Chicago Collar Counties</b>	576	(14.9%)	84,793	(21.0%)
<b>Rest of State - Urban</b>	473	(12.2%)	63,540	(15.7%)
<b>Rest of State - Rural</b>	242	(6.3%)	61,576	(15.2%)

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>

- In addition to geographic location, 3,717 (96.2%) of all 3,863 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 2008, Illinois Department of Transportation