

# Quick Facts

## Illinois Crash Information 2009

### 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>	292,439	3,258
<b>Fatal Crashes:</b>	832	20 <sup>a</sup>
<b>Injury Crashes:</b>	63,382	3,100 <sup>a</sup>
<b>Total People Involved:</b>	682,674 <sup>b</sup>	3,296 <sup>c</sup>
<b>Total Fatalities:</b>	911 <sup>b</sup>	20 <sup>c</sup>
<b>Total Non-Fatal Injuries:</b>	89,188 <sup>b</sup>	3,126 <sup>c</sup>

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

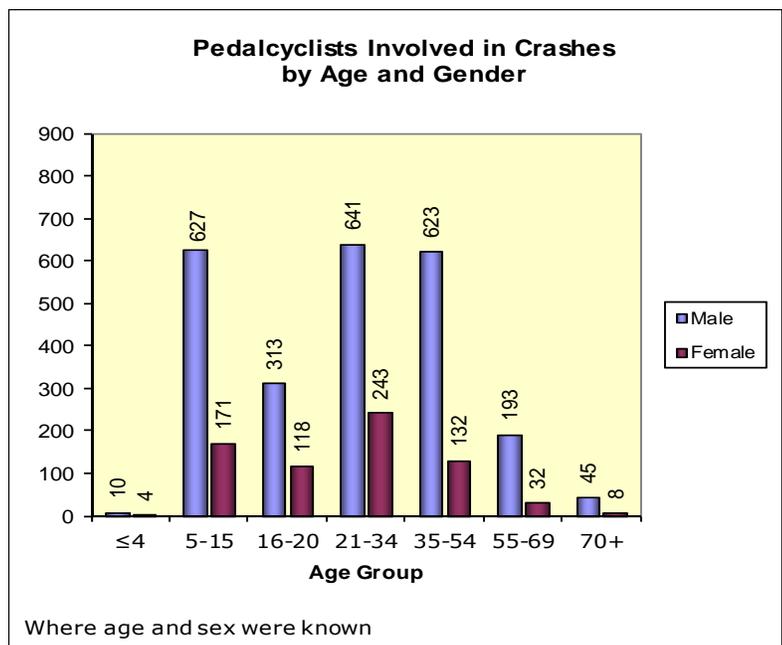
<sup>b</sup> Totals include occupants and non-occupants; e.g. 682,674 total people = 673,838 occupants

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

Just 3,258 (1.1%) of all 292,439 crashes in Illinois in 2009 involved pedalcyclists. Pedalcyclist fatalities accounted for 20 (2.2%) of all 911 traffic fatalities.

### Demographic Facts

- 2,552 (77.7%) of all 3,286 pedalcyclists involved in crashes were male, where sex was known
- 798 (25.3%) of all 3,160 pedalcyclists involved in crashes were children aged 5 to 15, where age was known



Note: Data as of October 4, 2010; with 292,439 crash records, 539,717 vehicle records and 673,839 person records.

The law regarding the reporting threshold for Property Damage Only crashes was amended effective January 1, 2009, resulting in decreased reporting of crashes in this specific category. It did not affect the reporting of injury or fatal crashes. For details of the reporting amendment, see also <http://app.idph.state.il.us/emsrpt/crash.asp>.

Funding and development of this fact sheet was provided by: Illinois Department of Transportation and Illinois EMSC (a collaborative program between the Illinois Department of Public Health and Loyola University Medical Center). September 2011

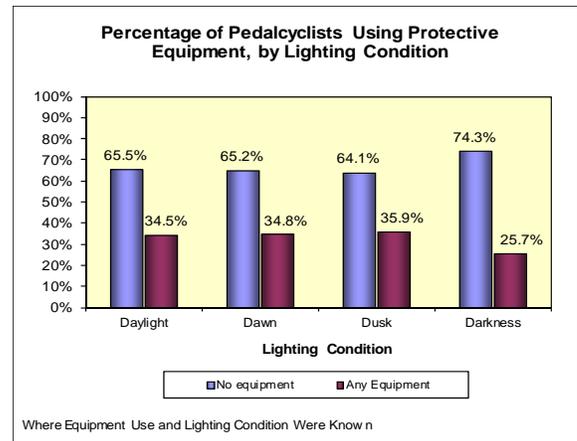
## Protective Equipment

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, 977 (32.9%) of 2,974 pedalcyclists involved in crashes were using one of these forms of protective equipment (where usage was known)
- The majority (15 of 20, or 75.0%) of pedalcyclists who were fatally injured used no protective equipment

	Protective Equipment Used				Total
	Contrasting clothing	Reflective material	Other light source used	None	
<b>Not injured # (%)</b>	18 (16.4)	2 (1.8)	7 (6.4)	83 (75.5)	110 (100.0)
<b>Injured # (%)</b>	747 (26.3)	98 (3.4)	100 (3.5)	1899 (66.8)	2844 (100.0)
<b>Fatally Injured # (%)</b>	3 (15.0)	1 (5.0)	1 (5.0)	15 (75.0)	20 (100.0)
<b>TOTAL # (%)</b>	768 (25.8)	101 (3.4)	108 (3.6)	1997 (67.1)	2974 (100.0)

- Usage rates for protective equipment varied by the lighting condition (time of day) in which crashes involving pedalcyclists occurred. 769 (34.5%) of the 2,232 pedalcyclists involved in daylight crashes used protective equipment, but only 146 (25.7%) of all 569 did so in darkness crashes (where usage was known).



## Geographic Facts

- 2,154 (66.1%) of all 3,258 crashes involving pedalcyclists took place in Cook County
  - In comparison, Cook County accounts for 40.5% of the overall population of Illinois\* and 31.2% of the average vehicle miles traveled†

	Crashes Involving One or More Pedalcyclists	Crashes Involving No Pedalcyclists
	n (%)	n (%)
<b>Chicago</b>	1,466 (45.0%)	80,518 (27.8%)
<b>Suburban Cook County</b>	688 (21.1%)	55,823 (19.3%)
<b>Chicago Collar Counties</b>	477 (14.6%)	58,303 (20.2%)
<b>Rest of State - Urban</b>	408 (12.5%)	47,668 (16.5%)
<b>Rest of State - Rural</b>	219 (6.7%)	46,869 (16.2%)

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, 3,114 (95.6%) of all 3,258 crashes involving pedalcyclists took place on roads or highways that were classified as "urban" use

\* Source: Census 2010, U.S. Census Bureau

† Source: Illinois Travel Statistics 2009, Illinois Department of Transportation