

# Quick Facts

## Illinois Crash Information 2012

### 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>	274,291	3,456
<b>Fatal Crashes:</b>	886	29 <sup>a</sup>
<b>Injury Crashes:</b>	60,284	3,231 <sup>a</sup>
<b>Total People Involved:</b>	649,023 <sup>b</sup>	3,489 <sup>c</sup>
<b>Total Fatalities:</b>	956 <sup>b</sup>	29 <sup>c</sup>
<b>Total Non-Fatal Injuries:</b>	83,810 <sup>b</sup>	3,254 <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. 649,023 total people = 640,402 occupants + 8,621 non-occupants

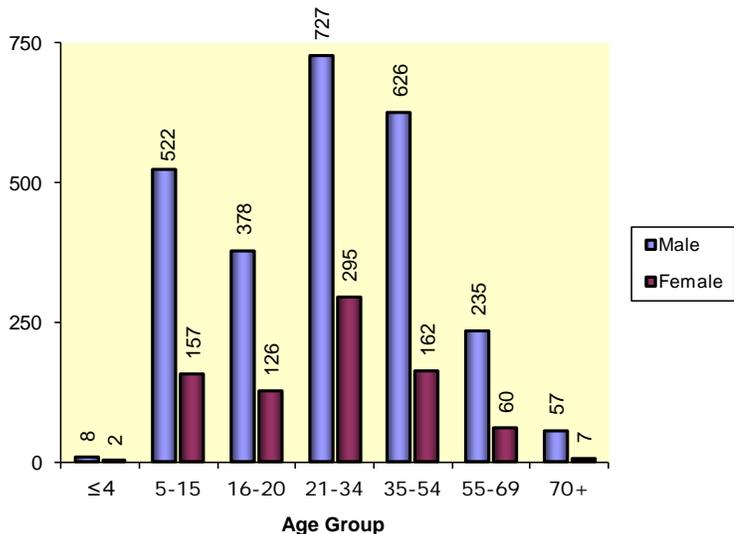
<sup>c</sup> Numbers include pedalcyclists only

Just 3,456 (1.3%) of all 274,291 crashes in Illinois in 2012 involved pedalcyclists. Pedalcyclist fatalities accounted for 29 (3.0%) of all 956 traffic fatalities.

### Demographic Facts

- 2,620 (76.0%) of all 3,449 pedalcyclists involved in crashes were male, where sex was known
- 679 (20.2%) of all 3,362 pedalcyclists involved in crashes were children aged 5 to 15, where age was known

**Pedalcyclists Involved in Crashes  
by Age and Gender**



Where age and sex were known

Note: Data as of March 28, 2014; with 274,291 crash records, 511,337 vehicle records and 649,023 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>.

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## Protective Equipment\*

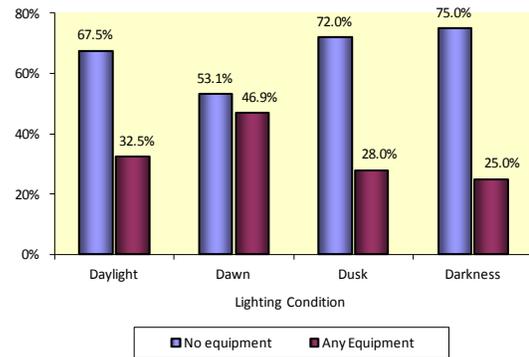
Use of protective equipment – contrasting clothing, reflective clothing and other light sources – may reduce the likelihood of a pedalcyclist being involved in a motor vehicle incident.

- Overall, 969 (30.9%) of 3,136 pedalcyclists involved in crashes were using one of these forms of protective equipment (where usage was known)
- The majority (24 of 29, or 82.8%) 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>	34 (23.4)	8 (5.5)	8 (5.5)	95 (65.5)	145 (100.0)
<b>Injured # (%)</b>	689 (23.3)	120 (4.1)	105 (3.5)	2048 (69.1)	2962 (100.0)
<b>Fatally Injured # (%)</b>	3 (10.3)	2 (6.9)	0 (0.0)	24 (82.8)	29 (100.0)
<b>TOTAL # (%)</b>	726 (23.2)	130 (4.1)	113 (3.6)	2167 (69.1)	3136 (100.0)

- Usage rates for protective equipment varied by the lighting condition (time of day) in which crashes involving pedalcyclists occurred. 771 (32.5%) of the 2,373 pedalcyclists involved in daylight crashes used protective equipment, while 154 (25.0%) of all 616 did so in darkness crashes (where usage was known).

Percentage of Pedalcyclists Using Protective Equipment, by Lighting Condition



Where Equipment Use and Lighting Condition Were Known

## Geographic Facts

- 2,303 (66.6%) of all 3,456 pedalcyclist-related crashes took place in Cook County
  - In comparison, Cook County accounts for 40.5% of the overall population of Illinois<sup>†</sup> and 30.1% of the annual vehicle miles traveled<sup>‡</sup>

	Crashes Involving One or More Pedalcyclists	Crashes Involving No Pedalcyclists
	n (%)	n (%)
<b>Chicago</b>	1,596 (46.2%)	75,819 (28.0%)
<b>Suburban Cook County</b>	707 (20.5%)	53,384 (19.7%)
<b>Chicago Collar Counties</b>	560 (16.2%)	54,917 (20.3%)
<b>Rest of State - Urban</b>	369 (10.7%)	44,876 (16.6%)
<b>Rest of State - Rural</b>	224 (6.5%)	41,839 (15.4%)

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, 3,277 (94.8%) of all 3,456 crashes involving pedalcyclists took place on roads or highways that were classified as "urban" use

\* Protective equipment in this context refers to equipment for visibility: contrasting clothing, reflective material and light sources

<sup>†</sup> Source: Census 2010, U.S. Census Bureau

<sup>‡</sup> Source: Illinois Travel Statistics 2012, Illinois Department of Transportation