

Quick Facts

Illinois Crash Information 2011

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
Crashes:	281,914	3,107
Fatal Crashes:	835	27 ^a
Injury Crashes:	60,056	2,909 ^a
Total People Involved:	665,697 ^b	3,136 ^c
Total Fatalities:	918 ^b	27 ^c
Total Non-Fatal Injuries:	84,215 ^b	2,930 ^c

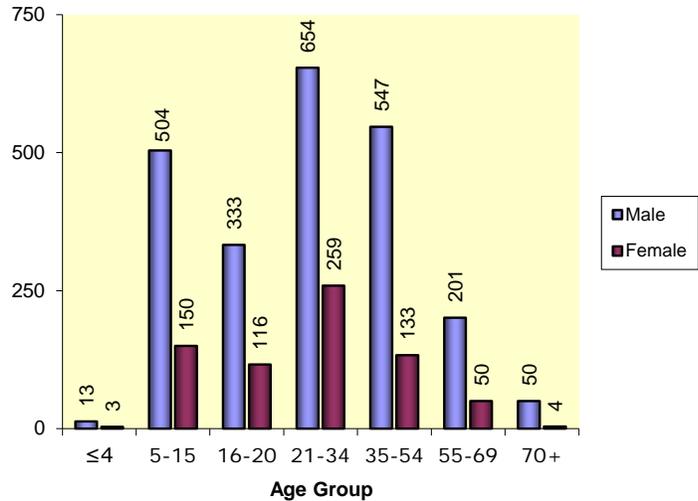
^a Numbers only reflect crashes in which fatality or non-fatal injury was specifically a pedalcyclist
^b Totals include occupants and non-occupants; e.g. 665,697 total people = 657,345 occupants + 8,352 non-occupants
^c Numbers include pedalcyclists only

Just 3,107 (1.1%) of all 281,914 crashes in Illinois in 2011 involved pedalcyclists. Pedalcyclist fatalities accounted for 27 (2.9%) of all 918 traffic fatalities.

Demographic Facts

- 2,362 (76.3%) of all 3,097 pedalcyclists involved in crashes were male, where sex was known
- 654 (21.7%) of all 3,017 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 October 22, 2012; with 281,914 crash records, 523,044 vehicle records and 665,697 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). July 2013

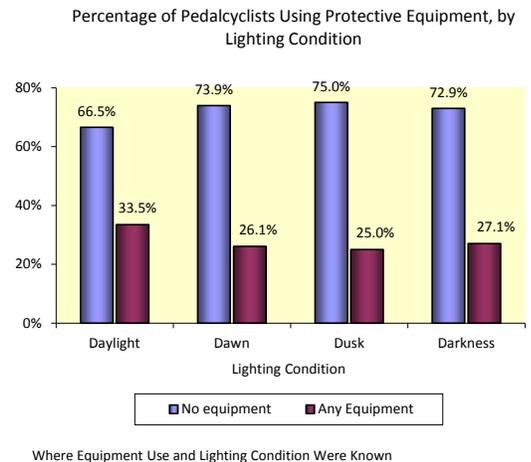
Protective Equipment*

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, 899 (31.8%) of 2,823 pedalcyclists involved in crashes were using one of these forms of protective equipment (where usage was known)
- The majority (16 of 25, or 64.0%) 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 # (%)	31 (23.0)	3 (2.2)	6 (4.4)	95 (70.4)	135 (100.0)
Injured # (%)	652 (24.5)	99 (3.7)	99 (3.7)	1813 (68.1)	2663 (100.0)
Fatally Injured # (%)	7 (28.0)	1 (4.0)	1 (4.0)	16 (64.0)	25 (100.0)
TOTAL # (%)	690 (24.4)	103 (3.6)	106 (3.8)	1924 (68.2)	2823 (100.0)

- Usage rates for protective equipment varied by the lighting condition (time of day) in which crashes involving pedalcyclists occurred. 719 (33.5%) of the 2,149 pedalcyclists involved in daylight crashes used protective equipment, while 151 (27.1%) of all 558 did so in darkness crashes (where usage was known).



Geographic Facts

- 2,020 (65.0%) of all 3,107 pedalcyclist-related crashes took place in Cook County
 - In comparison, Cook County accounts for 40.5% of the overall population of Illinois[†] and 30.7% of the annual vehicle miles traveled[‡]

	Crashes Involving One or More Pedalcyclists n (%)	Crashes Involving No Pedalcyclists n (%)
Chicago	1,638 (45.5%)	79,234 (27.7%)
Suburban Cook County	740 (20.5%)	55,930 (19.6%)
Chicago Collar Counties	550 (15.3%)	55,204 (19.3%)
Rest of State - Urban	430 (11.9%)	48,609 (17.0%)
Rest of State - Rural	245 (6.8%)	47,024 (16.4%)

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, 3,013 (97.0 %) of all 3,107 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

[†] Source: Census 2010, U.S. Census Bureau

[‡] Source: Illinois Travel Statistics 2011, Illinois Department of Transportation