

Quick Facts

Illinois Crash Information 2014

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:	296,060	3,241
Fatal Crashes:	845	27 ^a
Injury Crashes:	61,081	3,007 ^a
Total People Involved:	691,312 ^b	3,263 ^c
Total Fatalities:	924 ^b	27 ^c
Total Non-Fatal Injuries:	84,649 ^b	3,021 ^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. 691,312 total people = 683,188 occupants + 8,124 non-occupants

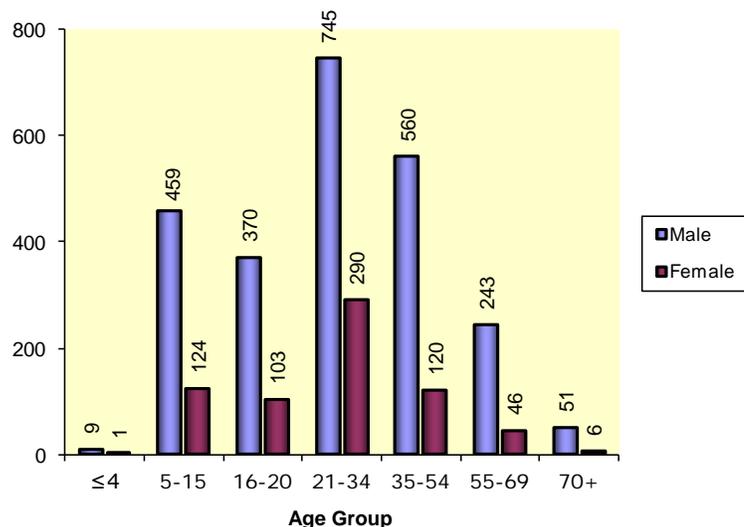
^c Numbers include pedalcyclists only

Just 3,241 (1.1%) of all 296,060 crashes in Illinois in 2014 involved pedalcyclists. Pedalcyclist fatalities accounted for 27 (2.9%) of all 924 traffic fatalities.

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

Demographic Facts

- 2,507 (78.0%) of all 3,213 pedalcyclists involved in crashes were male, where sex was known
- 583 (18.6%) of all 3,127 pedalcyclists involved in crashes were children aged 5 to 15, where age was known



Where age and sex were known

Note: Data as of November 12, 2015; with 296,060 crash records, 552,538 vehicle records and 692,412 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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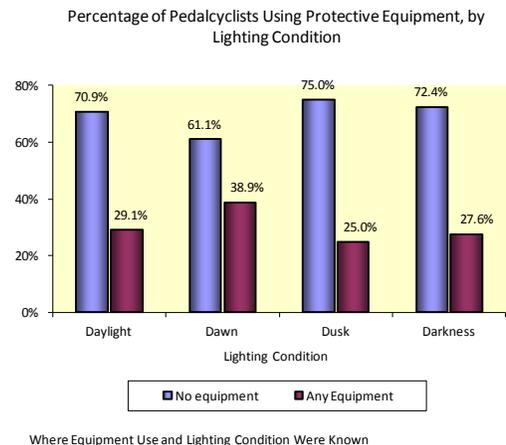
Protective Equipment*

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, 834 (28.9%) of 2,889 pedalcyclists involved in crashes were using one of these forms of protective equipment (where usage was known)
- The majority (19 of 24, or 79.2%) 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	
Not injured # (%)	29 (17.7)	4 (2.4)	3 (1.8)	128 (78.0)	164 (100.0)
Injured # (%)	576 (21.3)	104 (3.9)	113 (4.2)	1908 (70.6)	2701 (100.0)
Fatally Injured # (%)	3 (12.5)	0 (0.0)	2 (8.3)	19 (79.2)	24 (100.0)
TOTAL # (%)	608 (21.0)	108 (3.7)	118 (4.1)	2055 (71.1)	2889 (100.0)

- Usage rates for protective equipment varied by the lighting condition (time of day) in which crashes involving pedalcyclists occurred. 641 (29.1%) of the 2,203 pedalcyclists involved in daylight crashes used protective equipment, while 153 (27.6%) of 555 did so in darkness crashes (where usage was known).



Geographic Facts

- 2,266 (69.9%) of all 3,241 pedalcyclist-related crashes took place in Cook County
 - In comparison, Cook County accounts for 40.5% of the overall population of Illinois[†] and 29.5% of the annual vehicle miles traveled[‡]

	Crashes Involving One or More Pedalcyclists	Crashes Involving No Pedalcyclists
	n (%)	n (%)
Chicago	1,652 (51.0%)	81,091 (27.7%)
Suburban Cook County	614 (18.9%)	60,599 (20.7%)
Chicago Collar Counties	428 (13.2%)	61,099 (20.9%)
Rest of State - Urban	341 (10.5%)	46,266 (15.8%)
Rest of State - Rural	206 (6.4%)	43,764 (14.9%)

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, 3,055 (94.3%) of all 3,241 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: 2014 Illinois Travel Statistics, Illinois Department of Transportation