

Quick Facts

Illinois Crash Information 2004

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:	433,035	3,239
Fatal Crashes:	1,224	25 ^a
Injury Crashes:	83,924	3,180 ^a
Total People Involved:	1,008,936 ^b	3,308 ^c
Total Fatalities:	1,355 ^b	25 ^c
Total Non-Fatal Injuries:	121,404 ^b	3,233 ^c

^aNumbers only reflect crashes in which fatality or non-fatal injury was specifically a pedalcyclist

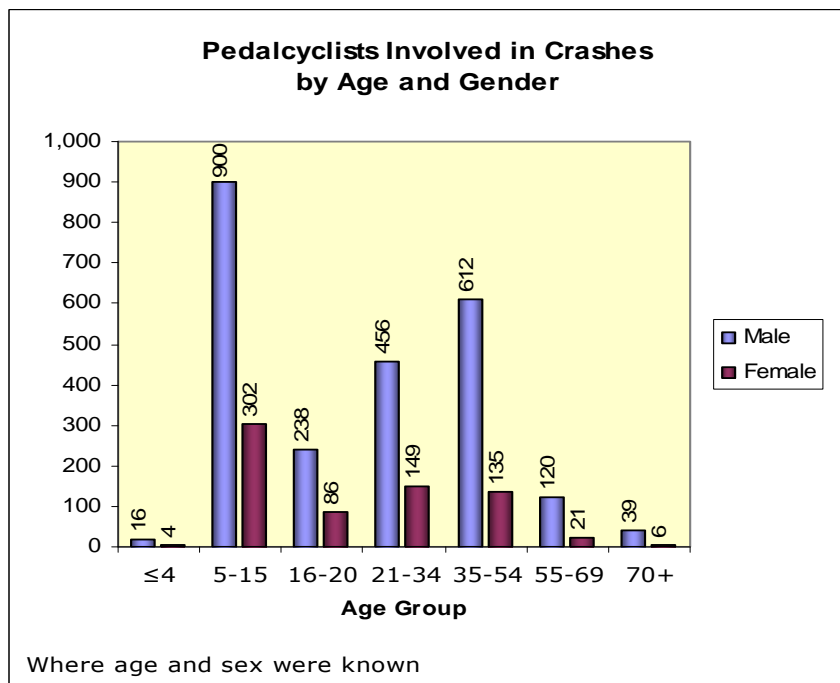
^bTotals include occupants and non-occupants; e.g. 1,008,936 total people = 999,641 occupants + 9,295 non-occupants

^cNumbers include pedalcyclists only

Just 3,239 (0.7%) of all 433,035 crashes in Illinois in 2004 involved pedalcyclists. Pedalcyclist fatalities accounted 25 (1.8%) of all 1,355 traffic fatalities. All 25 (100%) of these traffic fatalities occurred among the pedalcyclists themselves.

Demographic Facts

- 2,464 (77.4%) of all 3,184 pedalcyclists involved in crashes were male, where sex was known
- 1,218 (39.1%) of all 3,114 pedalcyclists involved in crashes were children aged 5 to 15, where age was known



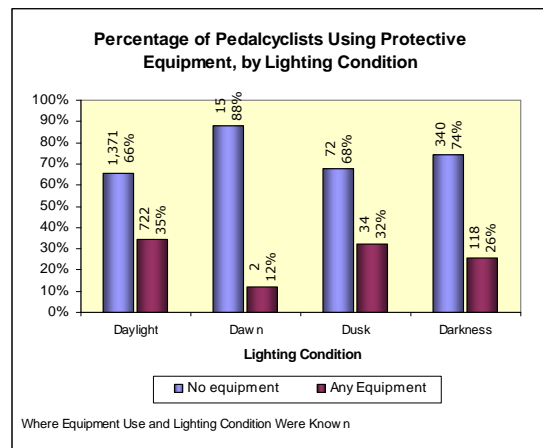
Protective Equipment

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, 881 (32.8%) of 2,689 pedalcyclists involved in crashes were using one of these forms of protective equipment (where usage was known)
- The majority (12 of 17, or 70.6%) of pedalcyclists who were fatally injured used no protective equipment (where usage was known)

	Protective Equipment Used			
	Contrasting clothing	Reflective material	Other light source used	None
Not injured # (%)	5 (17.2)	0 (0.0)	2 (6.9)	22 (75.9)
Injured # (%)	678 (25.7)	85 (3.2)	106 (4.0)	1774 (67.1)
Fatally Injured # (%)	3 (17.6)	0 (0.0)	2 (11.8)	12 (70.6)
TOTAL # (%)	686 (25.5)	85 (3.2)	110 (4.1)	1808 (67.2)

- Usage rates for protective equipment varied by the lighting condition (time of day) in which crashes involving pedalcyclists occurred. For example, in daylight 722 (34.5%) of all 2,093 pedalcyclists involved in crashes used protective equipment, but in darkness only 118 (25.8%) of all 458 did so.



Geographic Facts

- 1,929 (59.6%) of all 3,239 crashes involving pedalcyclists took place in Cook County
 - In comparison, Cook County accounts for just 43.3% of the overall population of Illinois* and just 31.9% of the average vehicle miles traveled†
- 3,133 (96.7%) of all 3,239 crashes involving pedalcyclists took place on roads or highways that were classified as "urban" use

	Crashes Involving One or More Pedalcyclists n (%)	Crashes Involving No Pedalcyclists n (%)
Chicago	1,220 (37.7%)	125,939 (29.3%)
Suburban Cook County	709 (21.9%)	89,722 (20.9%)
Chicago Collar Counties	522 (16.1%)	84,965 (19.8%)
Rest of State - Urban	487 (15.0%)	65,318 (15.2%)
Rest of State - Rural	301 (9.3%)	63,852 (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>

* Source: Census 2000, U.S. Census Bureau

† Source: Illinois Travel Statistics 2004, Illinois Department of Transportation