

Quick Facts

Illinois Crash Information 2014

Children (Aged 14 & Younger)

Motor vehicle crashes are one of the leading causes of mortality and severe injury for children in Illinois.

	All Crashes	Crashes Involving Children (Aged 14 & Younger)
Crashes:	296,060	29,012
Fatal Crashes:	845	25 ^a
Injury Crashes:	61,081	4,754 ^a
Total People Involved:	691,312 ^b	47,595 ^c
Total Fatalities:	924 ^b	26 ^c
Total Non-Fatal Injuries:	84,649 ^b	6,163 ^c

^a Numbers only reflect crashes in which fatality or non-fatal injury was specifically a child

^b Totals include occupants and non-occupants; e.g. 691,312 total people = 683,188 occupants + 8,124 non-occupants

^c Numbers include children only (occupants and non-occupants)

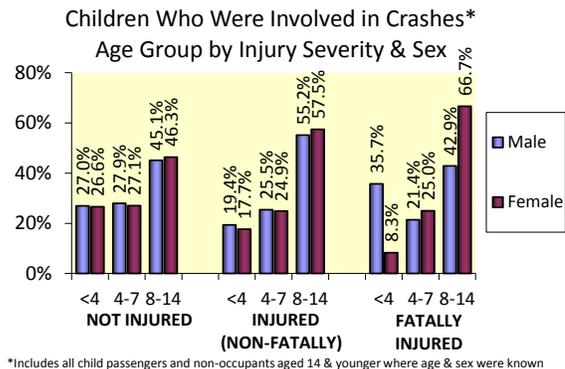
Children aged 14 and younger were involved in 29,012 (9.8%) of all 296,060 crashes that occurred in Illinois in 2014, either as passengers, drivers, pedestrians, pedalcyclists or other non-occupants of vehicles. Children accounted for 26 (2.8%) of all 924 traffic fatalities overall. They accounted for 26 (7.6%) of all 344 fatalities among passengers, pedestrians, pedalcyclists and other non-occupants.

	All		Fatally Injured	
	Total All Ages	Children Aged 14 & Younger	Total All Ages	Children Aged 14 & Younger
	N	N (%)	N	N (%)
Passengers	172,727	46,403 (26.9)	188	16 (8.5)
Pedestrians	4,760	635 (13.3)	127	8 (6.3)
Pedalcyclists	3,263	486 (14.9)	27	2 (7.4)
Other non-occupants	101	7 (6.9)	2	0 (0.0)
Subtotal	180,851	47,531 (26.3)	344	26 (7.6)
Drivers	510,461	64 (<0.1)	580	0 (0.0)
Total	691,312	47,595 (6.9)	924	26 (2.8)

Demographics

Where age & sex were known, 22,897 (49.6%) of all 46,121 child passengers and 777 (68.9%) of all 1,128 child non-occupants aged 14 & younger were male.

Children aged 8 to 14 who were involved in crashes in any capacity other than as drivers were 1.4 times as likely to be non-fatally injured and 1.3 times as likely to be fatally injured as those aged 7 & younger.



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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Safety Equipment Use by Child Passengers

Safety equipment use was reported for 40,339 (86.9%) of all 46,403 child passengers aged 14 and younger who were involved in crashes.* Children who did not use safety equipment such as seat belts or child restraints properly were 1.2 times more likely to be non-fatally injured and 8.6 times more likely to be fatally injured in crashes than children who did use safety equipment properly.†

Safety Equipment Use Reported*	Passengers Aged 14 And Younger	Injured	Fatally Injured
		N (%)	N (%)
Yes	40,339	4,273 (10.6)	7 (0.017)
No	6,064	799 (13.2)	9 (0.148)
Total	46,403	5,072 (10.9)	16 (0.034)

Improperly Used Child Restraints

When child restraints were used improperly, children were 50.3 times more likely to be fully or partially ejected from the vehicle during the crash. No children wearing restraints improperly in 2014 were trapped and required extrication. †,‡

Child Restraint Use	Passengers Aged 14 and Younger	Ejected	Trapped/ Extricated
		N (%)	N (%)
Used Properly	13,195	6 (0.05)	15 (0.11)
Used Improperly	175	4 (2.29)	0 (0.00)

Seating Location of Child Passengers in Vehicle

Children who were involved in crashes in Illinois in 2014 as passengers were more likely to be injured, non-fatally or fatally, if they were not seated in the front or back seats of a vehicle.

- Just 3,680 (7.9%) of all 46,299 child passengers were positioned in places other than the front and back seats, including riding or hanging in either open or enclosed areas of vehicles (such as bus seats), but 5 (31.3%) of all 16 child passenger fatalities were among these children.§
- Among all children who were involved in crashes as passengers, those not seated in front or back seats were 5.9 times as likely to be fatally injured as those who were seated.†

Seating Location ^a	Non-Fatally			Total
	Uninjured	Injured	Fatally Injured	
	N (%)	N (%)	N (%)	N (%)
Front	6,350 (15.4)	973 (19.2)	2 (12.5)	7,325 (15.8)
Back	31,555 (76.6)	3,730 (73.6)	9 (56.3)	35,294 (76.2)
Other	3,310 (8.0)	365 (7.2)	5 (31.3)	3,680 (7.9)
Total	41,215 (100.0)	5,068 (100.0)	16 (100.0)	46,299 (100.0)

^a For all children aged 14 & younger where seating location was known

* Percent using safety equipment was defined as the number of children for whom seat belt use, proper child restraint use or appropriate helmet use was reported divided by the total number of children involved in crashes; "No" in this table refers to no restraint used or no use reported

† Relative risk was calculated before the rates were rounded for display in the table

‡ Where child restraint use was known

§ Where seating location was known

Geographic Facts

- Just 4,222 (15.1%) of all 27,941 crashes involving child passengers took place in Chicago. Alternatively, 78,521 (29.3%) of all 268,119 crashes in which no child passenger was involved occurred in Chicago.
- In contrast, 415 (37.7%) of all 1,101 crashes involving child non-occupants such as pedestrians and pedalcyclists took place in Chicago, compared with 82,328 (27.9%) of all 294,959 crashes in which no child non-occupant was involved.

	Crashes Involving Passengers		Crashes Involving Non-Occupants (i.e. pedestrians, etc.)	
	Crashes Involving Child Passengers	Crashes Involving No Child Passengers	Crashes Involving Child Non-Occupants	Crashes Involving No Child Non-Occupants
	n (%)	n (%)	n (%)	n (%)
Chicago	4,222 (15.1%)	78,521 (29.3%)	415 (37.7%)	82,328 (27.9%)
Suburban Cook County	6,349 (22.7%)	54,864 (20.5%)	257 (23.3%)	60,956 (20.7%)
Chicago Collar Counties	7,546 (27.0%)	53,981 (20.1%)	152 (13.8%)	61,375 (20.8%)
Rest of State - Urban	5,563 (19.9%)	41,044 (15.3%)	172 (15.6%)	46,435 (15.7%)
Rest of State - Rural	4,261 (15.2%)	39,709 (14.8%)	105 (9.5%)	43,865 (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>

Time of Day

Crashes involving child passengers and crashes involving child non-occupants such as pedestrians and pedalcyclists were both concentrated during the day time, roughly between 7:00 am and 7:00 pm. Crashes involving child non-occupants were particularly concentrated before and after typical school hours (7:00 am to 9:00 am and 2:00 pm to 8:00 pm).

