

Quick Facts

Illinois Crash Information 2010

Young Drivers (Aged 16 to 20)

Young drivers have less driving experience than older drivers, so an evaluation of their involvement in motor vehicle incidents is particularly important.

	All Crashes	Crashes Involving One or More Young Drivers (Age 16-20)
Crashes:	289,604	54,003
Fatal Crashes:	858	133 ^a
Injury Crashes:	63,586	13,340 ^a
Total People Involved:	689,908 ^b	51,101 ^c
Total Fatalities:	927 ^b	63 ^c
Total Non-Fatal Injuries:	89,030 ^b	7,293 ^c

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

^b Totals include occupants and non-occupants; e.g. 689,908 total people = 680,833 occupants + 9,075 non-occupant

^c Numbers include young drivers only

Fatally injured young drivers themselves accounted for 63 (6.8%) of all 927 traffic fatalities in Illinois in 2010. However, crashes involving one or more young drivers (aged 16 to 20) accounted for an additional 82 deaths, totaling 145 (15.6%) of all 927 traffic fatalities. Other people involved in these crashes included drivers in other age groups as well as passengers, pedestrians, pedalcyclists and other non-occupants.

Demographics

- 31,644 (54.1%) of all 58,445 young drivers aged 16 to 20 involved in crashes were male, compared with 221,867 (57.4%) of all 386,220 drivers aged 21 & above.[†]
- Young drivers accounted for a disproportionate number of all crashes, as they represented just 570,981 (6.8%) of all 8,373,969 licensed drivers in Illinois but 58,457 (9.1%) of all 444,694 drivers in crashes, 143 (11.2%) of all 1,281 drivers in fatal crashes and 63 (11.0%) of all 607 fatally injured drivers.[‡]

	Percent in Age Group*								
	16-20	21-24	25-34	35-44	45-54	55-64	65-69	70+	Total
Population **	9.1	6.9	17.6	17.1	18.6	14.6	4.8	11.2	100.0
Licensed Drivers ***	6.8	6.7	17.6	17.5	19.6	16.3	5.3	10.2	100.0
Drivers in crashes	13.1	10.6	21.5	18.0	17.0	11.3	3.1	5.3	100.0
Drivers in fatal crashes	11.2	10.9	21.2	15.5	17.3	11.9	3.3	8.8	100.0
Fatally injured drivers	10.4	10.9	22.4	13.0	17.6	10.9	3.6	11.2	100.0

* Ages 16 and above, where age was known

** Source: Census 2010, U.S. Census Bureau

*** Source: Highway Statistics 2010, Federal Highway Administration

[†] Where sex and age were known

[‡] Where age was known

Note: Data as of December 21, 2011; with 289,604 crash records, 537,606 vehicle records and 689,908 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 2012

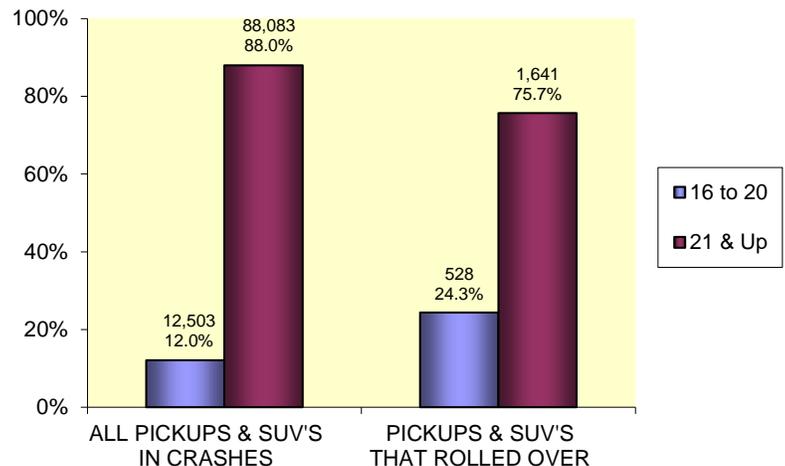
Characteristics of crashes involving young drivers

- 8,085 (16.9%) of all 54,003 crashes involving young drivers were speeding-related[§], compared with 24,578 (10.4%) of all 235,601 crashes in which no young driver was involved
- 25,283 (46.8%) of all 54,003 crashes involving young drivers were intersection-related, compared with 86,655 (36.8%) of all 235,601 crashes in which no young driver was involved
- 9,950 (18.4%) of all 54,003 crashes involving young drivers were single vehicle crashes, compared with 57,854 (24.6%) of all 235,601 crashes in which no young driver was involved.
- Seat belt use^{**} was reported for 50,961 (88.0%) of all 57,884 young drivers of passengers cars/light trucks^{††} involved with crashes, compared with 307,825 (85.8%) of all 358,680 older drivers of passengers cars/light trucks.

Pickup & SUV Rollovers

- Young drivers were behind the wheel of just 12.0% of all pickups and SUV's involved in crashes, yet they were behind the wheel during 24.3% of all pickup and SUV rollovers.^{‡‡}
- 14 fatalities (1.5% of all 927 traffic fatalities in Illinois in 2010) resulted from crashes in which young drivers were behind the wheel of pickups and SUV's that suffered rollovers.

Pickup & SUV Drivers Involved in Crashes, By Driver Age Group and Crash Type



Where driver age was known

[§] "Speeding-related" was defined as crashes in which at least one driver in the crash was driving too fast for conditions or in which exceeding the speed limit or excessive speed for conditions was listed by police as a cause of the crash

^{**} Percent using seat belts was defined as the number of people for whom seat belt use was reported divided by the total number of people involved in crashes.

^{††} Passenger cars and light trucks for this analysis were defined as passenger cars, pickup trucks, vans, minivans and SUV's according to classifications used by the National Highway Traffic Safety Administration.

^{‡‡} Where driver age was known

Geographic Information

- 9,346 (17.3%) of all 54,003 crashes involving young drivers took place on roads that were classified as "rural" road use, compared with 34,898 (14.8%) of all 235,601 crashes in which no young driver was involved.
- 35,588 (65.9%) of all 54,003 crashes involving young drivers took place in Illinois counties outside Cook County, compared with 116,474 (49.4%) of all 235,601 crashes in which no young driver was involved.

	Crashes Involving One or More Young Drivers	Crashes Involving No Young Drivers
	n (%)	n (%)
Chicago	7,648 (14.2%)	73,224 (31.1%)
Suburban Cook County	10,767 (19.9%)	45,903 (19.5%)
Chicago Collar Counties	13,471 (24.9%)	42,283 (17.9%)
Rest of State - Urban	11,598 (21.5%)	37,441 (15.9%)
Rest of State - Rural	10,519 (19.5%)	36,750 (15.6%)

Note: Counties were stratified according to criteria defined by the Behavioral Risk Factor Surveillance System for the Illinois Department of Public Health

Time of Day

The percentage of crashes involving young drivers varied by time of day.

- Crashes that occurred between 4:00 am and 6:59 am were least likely to involve young drivers
- During early morning commute hours for work/school, there was a peak in percentage of crashes involving young drivers
- Other peaks occurred during late afternoon and late evening hours

Percent of Crashes Involving One or More Young Drivers (Age 16 to 20), By Time of Day

