

Quick Facts

Illinois Crash Information 2012

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:	274,291	48,212
Fatal Crashes:	886	49 ^a
Injury Crashes:	60,284	6,456 ^a
Total People Involved:	649,023 ^b	51,936 ^c
Total Fatalities:	956 ^b	49 ^c
Total Non-Fatal Injuries:	83,810 ^b	6,589 ^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. 649,023 total people = 640,402 occupants + 8,621 non-occupants

^c Numbers include young drivers only

Fatally injured young drivers themselves accounted for 49 (5.1%) of all 956 traffic fatalities in Illinois in 2012. However, crashes involving one or more young drivers (aged 16 to 20) accounted for an additional 78 deaths, totaling 127 (13.3%) of all 956 traffic fatalities. Other people involved in these crashes included drivers in other age groups as well as passengers, pedestrians and other non-occupants.

Demographics

- 28,003 (53.9%) of all 51,936 young drivers aged 16 to 20 involved in crashes were male, compared with 211,904 (57.1%) of all 371,369 drivers aged 21 & above.[†]
- Young drivers accounted for a disproportionate number of all crashes, as they represented just 557,702 (6.8%) of all 8,235,745 licensed drivers in Illinois but 51,936 (12.3%) of all 423,305 drivers in crashes, 115 (9.0%) of all 1,283 drivers in fatal crashes and 49 (8.2%) of all 598 fatally injured drivers.[‡]

	Percent in Age Group*								Total
	16-20	21-24	25-34	35-44	45-54	55-64	65-69	70+	
Population **	9.1	6.9	17.6	17.1	18.6	14.6	4.8	11.2	100.0
Licensed Drivers ***	6.8	6.8	17.4	17.1	19.0	16.9	5.9	10.1	100.0
Drivers in crashes	12.3	10.9	21.6	17.6	16.8	12.0	3.4	5.5	100.0
Drivers in fatal crashes	9.0	11.5	22.1	16.1	16.5	12.5	3.6	8.6	100.0
Fatally injured drivers	8.2	12.2	20.7	13.9	15.1	13.7	3.8	12.4	100.0

* Ages 16 and above, where age was known

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

*** Source: Highway Statistics 2012, Federal Highway Administration

[†] Where sex and age were known

[‡] Ages 16 and above, where age was known

Note: Data as of March 28, 2014; with 274,291 crash records, 511,337 vehicle records and 649,023 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>.

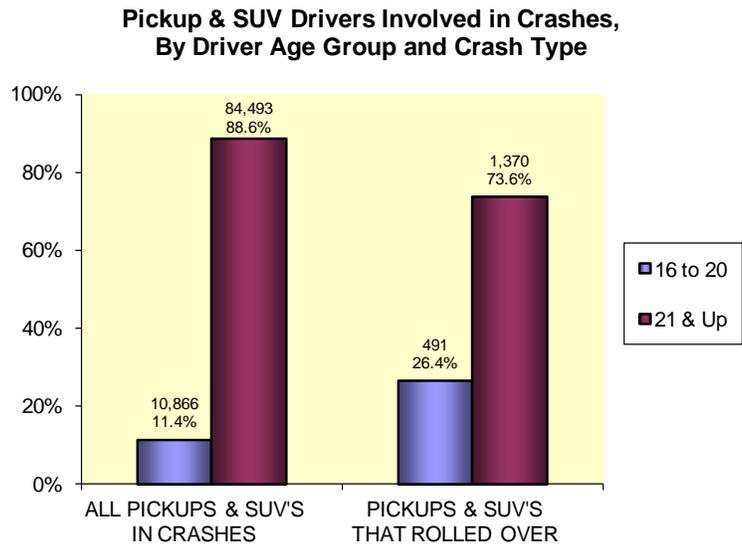
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Characteristics of crashes involving young drivers

- 7,032 (14.6%) of all 48,212 crashes involving young drivers were speeding-related[§], compared with 20,928 (9.3%) of all 226,079 crashes in which no young driver was involved
- 22,383 (46.4%) of all 48,212 crashes involving young drivers were intersection-related, compared with 83,524 (36.9%) of all 226,079 crashes in which no young driver was involved
- 9,129 (18.9%) of all 48,212 crashes involving young drivers were single vehicle crashes, compared with 55,068 (24.4%) of all 226,079 crashes in which no young driver was involved.
- Seat belt use^{**} was reported for 45,299 (88.3%) of all 51,329 young drivers of passengers cars/light trucks^{††} involved with crashes, compared with 297,640 (86.1%) of all 345,767 older drivers of passengers cars/light trucks.

Pickup & SUV Rollovers

- Young drivers were behind the wheel of just 11.4% of all pickups and SUV's involved in crashes, yet they were behind the wheel during 26.4% of all pickup and SUV rollovers.^{‡‡}
- 10 fatalities (1.0% of all 956 traffic fatalities in Illinois in 2012) resulted from crashes in which young drivers were behind the wheel of pickups and SUV's that suffered rollovers.



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

- 10,697 (22.2%) of all 48,212 crashes involving young drivers took place on roads that were classified as "rural" road use, compared with 44,762 (19.8%) of all 226,079 crashes in which no young driver was involved.
- 32,022 (66.4%) of all 48,212 crashes involving young drivers took place in Illinois counties outside Cook County, compared with 110,763 (49.0%) of all 226,079 crashes in which no young driver was involved.

	Crashes Involving One or More Young Drivers		Crashes Involving No Young Drivers	
	n	(%)	n	(%)
Chicago	6,581	(13.7%)	70,834	(31.3%)
Suburban Cook County	9,609	(19.9%)	44,482	(19.7%)
Chicago Collar Counties	13,013	(27.0%)	42,464	(18.8%)
Rest of State - Urban	10,136	(21.0%)	35,109	(15.5%)
Rest of State - Rural	8,873	(18.4%)	33,190	(14.7%)

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

