

# Quick Facts

## Illinois Crash Information 2013

### 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)
<b>Crashes:</b>	285,468	49,175
<b>Fatal Crashes:</b>	895	55 <sup>a</sup>
<b>Injury Crashes:</b>	61,001	6,163 <sup>a</sup>
<b>Total People Involved:</b>	675,852 <sup>b</sup>	52,835 <sup>c</sup>
<b>Total Fatalities:</b>	991 <sup>b</sup>	55 <sup>c</sup>
<b>Total Non-Fatal Injuries:</b>	85,030 <sup>b</sup>	6,279 <sup>c</sup>

<sup>a</sup> Numbers only reflect crashes in which fatality or non-fatal injury was specifically a young driver

<sup>b</sup> Totals include occupants and non-occupants; e.g. 675,852 total people = 667,061 occupants + 8,791 non-occupants

<sup>c</sup> Numbers include young drivers only

Fatally injured young drivers themselves accounted for 55 (5.5%) of all 991 traffic fatalities in Illinois in 2013. However, crashes involving one or more young drivers (aged 16 to 20) accounted for an additional 93 deaths, totaling 148 (14.9%) of all 991 traffic fatalities. Other people involved in these crashes included drivers in other age groups as well as passengers, pedestrians and other non-occupants.

### Demographics

- 28,656 (54.2%) of all 52,835 young drivers aged 16 to 20 involved in crashes were male, compared with 222,846 (56.9%) of all 391,413 drivers aged 21 & above.<sup>†</sup>
- Young drivers accounted for a disproportionate number of all crashes, as they represented just 556,392 (6.7%) of all 8,261,582 licensed drivers in Illinois but 52,835 (11.9%) of all 444,3248 drivers in crashes, 131 (9.9%) of all 1,322 drivers in fatal crashes and 55 (8.7%) of all 630 fatally injured drivers.<sup>‡</sup>

	Percent in Age Group*								Total
	16-20	21-24	25-34	35-44	45-54	55-64	65-69	70+	
<b>Population **</b>	9.1	6.9	17.6	17.1	18.6	14.6	4.8	11.2	100.0
<b>Licensed Drivers ***</b>	6.7	6.8	17.3	16.8	18.6	17.1	6.1	10.4	100.0
<b>Drivers in crashes</b>	11.9	10.8	21.8	17.7	16.6	12.2	3.5	5.5	100.0
<b>Drivers in fatal crashes</b>	9.9	10.5	20.9	16.3	15.9	13.0	4.3	9.2	100.0
<b>Fatally injured drivers</b>	8.7	10.2	19.7	15.6	15.7	12.1	4.8	13.3	100.0

\* Ages 16 and above, where age was known

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

\*\*\* Source: Highway Statistics 2013, Federal Highway Administration

<sup>†</sup> Where sex and age were known

<sup>‡</sup> Ages 16 and above, where age was known

Note: Data as of January 7, 2015; with 285,468 crash records, 532,753 vehicle records and 676,984 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). April 2015

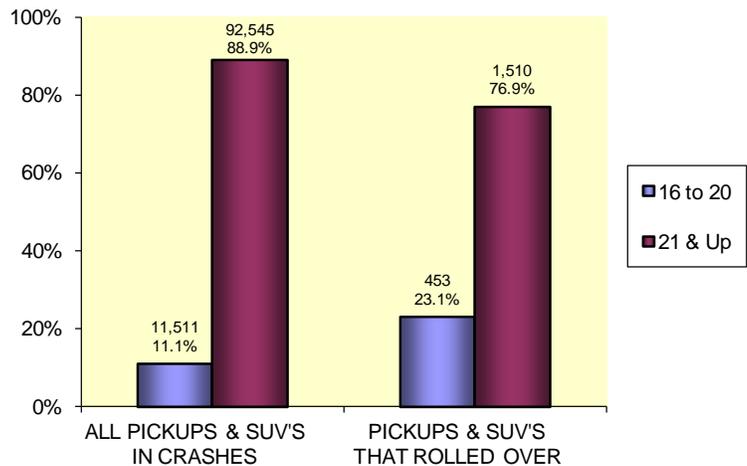
## Characteristics of crashes involving young drivers

- 7,798 (15.9%) of all 49,175 crashes involving young drivers were speeding-related<sup>§</sup>, compared with 25,440 (10.8%) of all 236,293 crashes in which no young driver was involved
- 22,833 (46.4%) of all 49,175 crashes involving young drivers were intersection-related, compared with 84,972 (36.0%) of all 236,293 crashes in which no young driver was involved
- 9,177 (18.7%) of all 49,175 crashes involving young drivers were single vehicle crashes, compared with 57,105 (24.2%) of all 236,293 crashes in which no young driver was involved.
- Seat belt use<sup>\*\*</sup> was reported for 46,188 (88.3%) of all 52,302 young drivers of passengers cars/light trucks<sup>††</sup> involved with crashes, compared with 314,382 (86.2%) of all 364,578 older drivers of passengers cars/light trucks.

## Pickup & SUV Rollovers

- Young drivers were behind the wheel of just 11.1% of all pickups and SUV's involved in crashes, yet they were behind the wheel during 23.1% of all pickup and SUV rollovers.<sup>‡‡</sup>
- 6 fatalities (0.6% of all 991 traffic fatalities in Illinois in 2013) 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

<sup>§</sup> "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

<sup>\*\*</sup> 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.

<sup>††</sup> 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.

<sup>‡‡</sup> Where driver age was known

## Geographic Information

- 12,601 (25.6%) of all 49,175 crashes involving young drivers took place on roads that were classified as "rural" road use, compared with 56,311 (23.8%) of all 236,293 crashes in which no young driver was involved.
- 32,564 (66.2%) of all 49,175 crashes involving young drivers took place in Illinois counties outside Cook County, compared with 115,641 (48.9%) of all 236,293 crashes in which no young driver was involved.

	Crashes Involving One or More Young Drivers	Crashes Involving No Young Drivers
	n (%)	n (%)
<b>Chicago</b>	6,650 (13.5%)	72,730 (30.8%)
<b>Suburban Cook County</b>	9,961 (20.3%)	47,922 (20.3%)
<b>Chicago Collar Counties</b>	13,791 (28.0%)	46,007 (19.5%)
<b>Rest of State - Urban</b>	10,018 (20.4%)	35,783 (15.1%)
<b>Rest of State - Rural</b>	8,755 (17.8%)	33,851 (14.3%)

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**

