



# Quick Facts

## Illinois Crash Information 2006

### 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>	408,851	83,684
<b>Fatal Crashes:</b>	1,136	223
<b>Injury Crashes:</b>	75,376	18,133
<b>Total People Involved:</b>	960,890 <sup>a</sup>	228,561 <sup>a</sup>
<b>Total Fatalities:</b>	1,254 <sup>a</sup>	255 <sup>a</sup>
<b>Total Non-Fatal Injuries:</b>	106,901 <sup>a</sup>	27,932 <sup>a</sup>

<sup>a</sup> Totals include occupants and non-occupants; e.g. 960,890 total people = 951,223 occupants + 9,667 non-occupants

Overall, 255 (20.3%) of all 1,254 traffic fatalities in Illinois in 2006 occurred in crashes involving one or more young drivers (aged 16 to 20). Fatally injured young drivers themselves accounted for 108 (8.6%) of all 1,254 traffic fatalities in Illinois in 2006. Other people involved in these crashes—including other drivers as well as passengers, pedestrians, pedalcyclists and other non-occupants—accounted for 147 (11.7%) of all 1,254 traffic fatalities in Illinois in 2006.

### Demographics

- 50,256 (55.2%) of all 90,969 young drivers aged 16 to 20 involved in crashes were male.<sup>†</sup> In comparison, 324,775 (58.8%) of all 552,320 drivers aged 21 & above involved in crashes were male.<sup>†</sup>
- Young drivers accounted for a disproportionate number of all crashes, as they represented just 587,515 (7.3%) of all 8,071,253 licensed drivers in Illinois but 90,969 (14.1%) of all 643,289 drivers in crashes, 227 (13.5%) of all 1,677 drivers in fatal crashes and 108 (13.6%) of all 796 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>	9.4	7.0	19.0	20.8	17.1	10.9	4.2	11.6	100.0
<b>Licensed Drivers ***</b>	7.3	6.8	17.5	19.4	20.1	14.6	4.6	9.7	100.0
<b>Drivers in crashes</b>	14.1	10.6	21.6	19.4	16.6	10.0	2.6	4.9	100.0
<b>Drivers in fatal crashes</b>	13.5	10.6	21.2	17.8	17.2	10.0	2.8	6.9	100.0
<b>Fatally injured drivers</b>	13.6	11.3	19.2	17.2	16.6	10.8	2.6	8.7	100.0

\* Ages 16 and above, where age was known

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

\*\*\* Source: Highway Statistics 2006, Federal Highway Administration

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

<sup>‡</sup> Where age was known

Note: Data as of May 23, 2008; with 408,851 crash records, 766,704 vehicle records and 960,890 person records

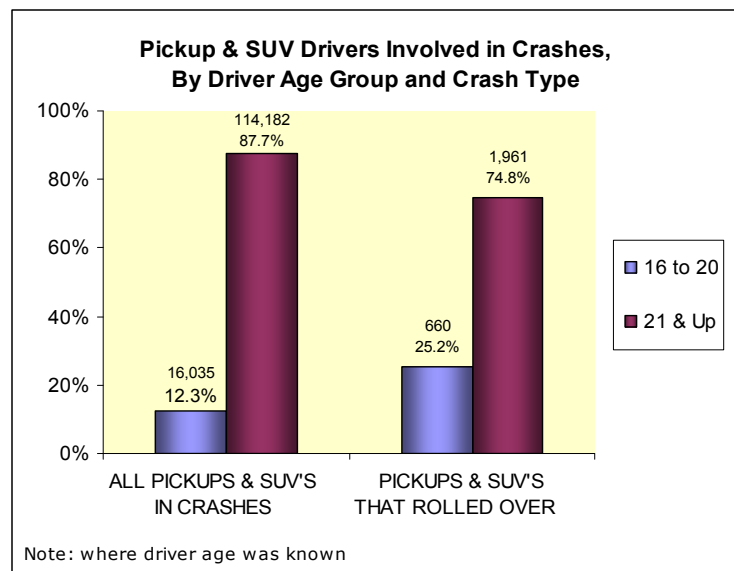
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## Characteristics of crashes involving young drivers

- 11,490 (13.7%) of all 83,684 crashes involving young drivers were speeding-related<sup>§</sup>, compared with 27,374 (7.9%) of all 345,167 crashes in which no young driver was involved
- 40,376 (48.3%) of all 83,684 crashes involving young drivers were intersection-related, compared with 122,808 (35.6%) of all 345,167 crashes in which no young driver was involved
- 14,012 (16.7%) of all 83,684 crashes involving young drivers were single vehicle crashes, compared with 71,247 (20.6%) of all 345,167 crashes in which no young driver was involved.
- Seat belt use<sup>\*\*</sup> was reported for 76,792 (85.9%) of all 89,417 young drivers of passengers cars/light trucks<sup>††</sup> involved with crashes, compared with 422,500 (83.3%) of all 506,944 older drivers of passengers cars/light trucks.

## Pickup & SUV Rollovers

- Young drivers were behind the wheel of just 12.3% of all pickups and SUV's involved in crashes, yet they were behind the wheel during 25.2% of all pickup and SUV rollovers.<sup>\*\*</sup>
- 16 fatalities (1.3% of all 1,254 traffic fatalities in Illinois in 2006) resulted from crashes in which young drivers were behind the wheel of pickups and SUV's that suffered rollovers.



## Geographic Information

- 12,808 (15.3%) of all 83,684 crashes involving young drivers took place on roads that were classified as "rural" road use, compared with 44,816 (13.8%) of all 345,167 crashes in which no young driver was involved.
- 52,434 (62.7%) of all 83,684 crashes involving young drivers took place in Illinois counties outside Cook County, compared with 153,349 (44.4%) of all 345,167 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>	13,214	(15.8%)	105,225	(32.4%)
<b>Suburban Cook County</b>	18,036	(21.6%)	66,593	(20.5%)
<b>Chicago Collar Counties</b>	21,998	(26.3%)	61,618	(18.9%)
<b>Rest of State - Urban</b>	16,001	(19.1%)	46,071	(14.2%)
<b>Rest of State - Rural</b>	14,435	(17.2%)	45,660	(14.0%)

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

<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

## 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.

