

Quick Facts

Illinois Crash Information 2006

Occupant Protection for Passenger Cars/Light Trucks*

The most important step that an occupant in a motor vehicle can take to improve safety is to properly utilize a safety restraint device.

	All Crashes	Crashes Involving Occupants of Passenger Cars/Light Trucks	Crashes Involving Occupants (Age 15+) of Passenger Cars/Light Trucks
Crashes:	408,851	378,596	365,665
Fatal Crashes:	1,136	810 ^a	797 ^{a,b}
Injury Crashes:	75,736	62,037 ^a	60,146 ^{a,b}
Total People Involved:	960,890 ^c	867,249 ^d	728,460 ^{d,b}
Total Fatalities:	1,254 ^c	912 ^d	882 ^{d,b}
Total Non-Fatal Injuries:	106,901 ^c	91,137 ^d	83,237 ^{d,b}

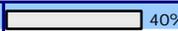
^a Numbers only reflect crashes in which fatality or non-fatal injury was specifically an occupant of a passenger car/light truck

^b Age 15+ only

^c Totals include occupants and non-occupants; e.g. 960,890 total people = 951,223 occupants + 9,667 non-occupants

^d Numbers include occupants of passenger cars/light trucks only

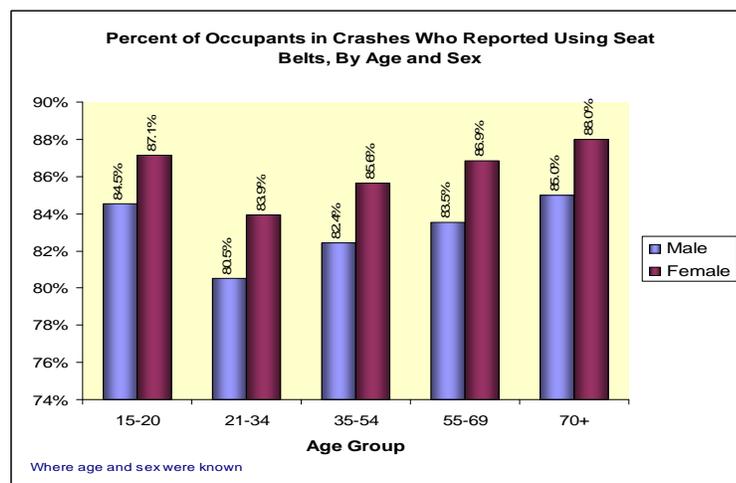
Occupants (drivers and passengers) of passenger cars and light trucks* who were aged 15 and above accounted for 882 (70.3%) of all 1,254 traffic fatalities in Illinois in 2006. Among occupants of this age group, a far lower percentage of seat belt use[†] was reported for fatalities than for survivors.

Type of Injury	Total Occupants Age 15 and Older	Seat Belt Used*	
Fatality	882	353 (40.0%)	
Non-Fatal Injury	83,237	70,310 (84.5%)	
Not Injured	644,341	540,466 (83.9%)	
Total	728,460	611,129 (83.9%)	

Demographics

Seat belt use among occupants of passenger cars and light trucks aged 15 and above varied by occupant age and sex.

- Overall, 82.4% of male occupants and 85.7% of female occupants aged 15 & above reported using seat belts.
- Male occupants aged 21 to 34 had the lowest rate of reported seat belt use, at 80.5%.[‡]



* 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

[†] 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

[‡] Where age and sex were 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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Type of Passenger Vehicle/Light Truck

Rates of seat belt use among occupants of passenger cars/light trucks varied by the particular vehicle type.

- Overall, the lowest rate of seat belt use was among occupants of passenger cars (82.9%), and the highest was among occupants of SUV's (86.9%)[§]
- Among fatally injured occupants, seat belts rates were lowest among occupants of pickup trucks (28.2%) and SUV's (30.6%).

Vehicle Type/Injury Type	Total Occupants	
	Age 15 and Older	Seat Belt Used [§]
Passenger Car		
Fatality	574	250 (43.6%)
Non-Fatal Injury	60,215	50,956 (84.6%)
Not Injured	441,140	364,974 (82.7%)
Total	501,929	416,180 (82.9%)
Pickup Truck		
Fatality	117	33 (28.2%)
Non-Fatal Injury	6,641	5,302 (79.8%)
Not Injured	62,128	53,409 (86.0%)
Total	68,886	58,744 (85.3%)
Van/Minivan		
Fatality	60	29 (48.3%)
Non-Fatal Injury	7,099	6,103 (86.0%)
Not Injured	61,395	52,649 (85.8%)
Total	68,554	58,781 (85.7%)
SUV		
Fatality	134	41 (30.6%)
Non-Fatal Injury	9,282	7,949 (85.6%)
Not Injured	79,678	69,434 (87.1%)
Total	89,094	77,424 (86.9%)

Drivers, Passengers & Seat Position

Rates of seat belt use among occupants of passenger cars/light trucks varied by seat position within the vehicle.

- Overall, 83.7% of drivers used seat belts, compared with 84.7% of passengers.
- The seat belt rate was about the same among fatally injured passengers (39.7%) as among fatally injured drivers (40.1%).
- Among all occupants, seat belt usage varied by seat position, with occupants in the front middle (78.7%) and back middle (78.8%) using seat belts less often than occupants seated on the left or right.**
- Seat belt usage rates were also low (67.0%) among passengers who were exposed, enclosed, or seated elsewhere in the vehicles.**

Occupant Type/Injury Type	Total Occupants	
	Age 15 and Older	Seat Belt Used [§]
Drivers		
Fatality	643	258 (40.1%)
Non-Fatal Injury	62,699	53,814 (85.8%)
Not Injured	533,911	445,935 (83.5%)
Total	597,253	500,007 (83.7%)
Passengers		
Fatality	239	95 (39.7%)
Non-Fatal Injury	20,538	16,496 (80.3%)
Not Injured	110,430	94,531 (85.6%)
Total	131,207	111,122 (84.7%)

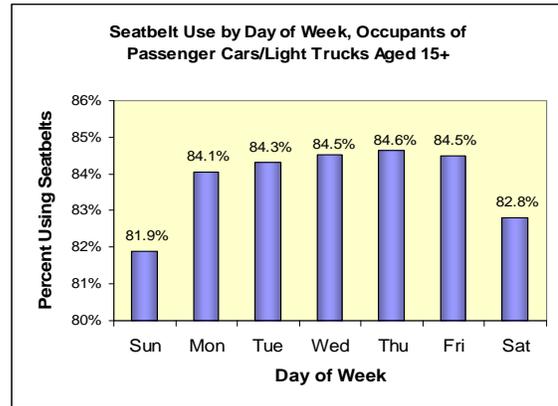
Seat Position**	Total Occupants	
	Age 15 and Older	Seat Belt Used [§]
Front Left	600,553	501,127 (83.4%)
Front Middle	3,218	2,532 (78.7%)
Front Right	92,016	81,398 (88.5%)
Back Left	10,704	8,831 (82.5%)
Back Middle	2,906	2,289 (78.8%)
Back Right	14,509	12,060 (83.1%)
Other	2,041	1,367 (67.0%)
Total	725,947	609,604 (84.0%)

[§] 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

** Where seat position was known

Time of Day/Day of Week

Rates of seat belt use among occupants of passenger cars/light trucks varied by day of week, with the lowest rates of seat belt use on Saturday (82.8%) and Sunday (81.9%).



Geographic Facts

Rates of seat belt use among occupants of passenger cars/light trucks varied by geographic area within the state of Illinois where the crash occurred.

Occupant Type/Injury Type	Total Occupants Age 15 and Older	Seat Belt Used ^s
Chicago		
Fatality	303	122 (40.3%)
Non-Fatal Injury	33,328	25,272 (75.8%)
Not Injured	142,783	94,716 (66.3%)
Total	176,414	120,110 (68.1%)
Suburban Cook County		
Fatality	283	163 (57.6%)
Non-Fatal Injury	35,492	30,824 (86.8%)
Not Injured	131,978	114,074 (86.4%)
Total	167,753	145,061 (86.5%)
Chicago Collar Counties		
Fatality	427	258 (60.4%)
Non-Fatal Injury	39,497	36,203 (91.7%)
Not Injured	129,703	120,567 (93.0%)
Total	169,627	157,028 (92.6%)
Rest of State - Urban		
Fatality	397	230 (57.9%)
Non-Fatal Injury	29,492	26,390 (89.5%)
Not Injured	89,251	82,119 (92.0%)
Total	119,140	108,739 (91.3%)
Rest of State - Rural		
Fatality	647	364 (56.3%)
Non-Fatal Injury	20,751	17,035 (82.1%)
Not Injured	74,128	62,792 (84.7%)
Total	95,526	80,191 (83.9%)

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