

Quick Facts

Illinois Crash Information 2007

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:	422,889	388,945	376,054
Fatal Crashes:	1,126	753 ^a	731 ^{a,b}
Injury Crashes:	73,220	58,771 ^a	57,127 ^{a,b}
Total People Involved:	983,373 ^c	883,058 ^d	741,498 ^{d,b}
Total Fatalities:	1,250 ^c	861 ^d	824 ^{d,b}
Total Non-Fatal Injuries:	103,174 ^c	86,295 ^d	79,054 ^{d,b}

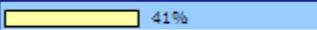
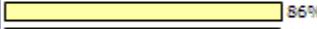
*Numbers only reflect crashes in which fatality or non-fatal injury was specifically an occupant of a passenger car/light truck

^aAge 15+ only

^cTotals include occupants and non-occupants; e.g. 983,373 total people = 973,034 occupants + 10,339 non-occupants

^dNumbers include occupants of passenger cars/light trucks only

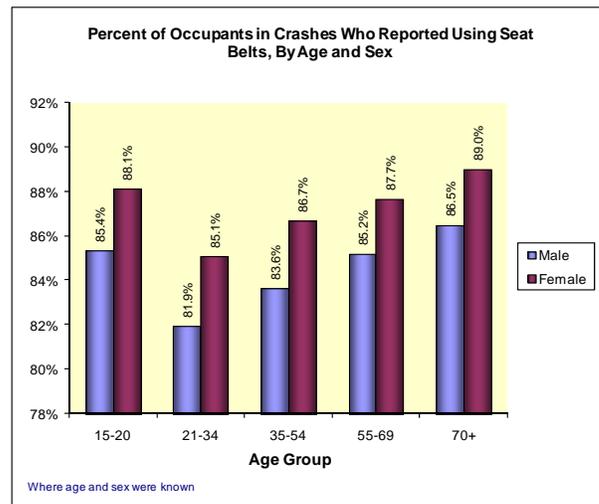
Occupants (drivers and passengers) of passenger cars and light trucks* who were aged 15 and above accounted for 824 (65.9%) of all 1,250 traffic fatalities in Illinois in 2007. Among occupants of this age group, a far lower percentage of seat belt use[†] was reported for fatalities than for survivors.

Type of Injury	Total Occupants Age 15 and Older	Seat Belt Used*	
Fatality	824	341 (41.4%)	 41%
Non-Fatal Injury	79,054	67,822 (85.8%)	 86%
Not Injured	661,620	562,556 (85.0%)	 85%
Total	741,498	630,719 (85.1%)	

Demographics

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

- Overall, 83.7% of male occupants and 86.7% 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 81.9%.[‡]



* 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 March 23, 2009; with 422,889 crash records, 785,918 vehicle records and 983,373 person records

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 (84.1%), and the highest was among occupants of SUV's (88.1%)[§]
- Among fatally injured occupants, seat belts rates were lowest among occupants of pickup trucks (30.3%) and SUV's (31.1%).

Vehicle Type/Injury Type	Total Occupants Age 15 and Older	Seat Belt Used [§]
Passenger Car		
Fatality	539	251 (46.6%)
Non-Fatal Injury	56,438	48,476 (85.9%)
Not Injured	450,664	378,329 (83.9%)
Total	507,641	427,056 (84.1%)
Pickup Truck		
Fatality	122	37 (30.3%)
Non-Fatal Injury	6,416	5,205 (81.1%)
Not Injured	62,381	54,122 (86.8%)
Total	68,919	59,364 (86.1%)
Van/Minivan		
Fatality	57	20 (35.1%)
Non-Fatal Injury	6,610	5,738 (86.8%)
Not Injured	60,349	52,246 (86.6%)
Total	67,016	58,004 (86.6%)
SUV		
Fatality	106	33 (31.1%)
Non-Fatal Injury	9,590	8,403 (87.6%)
Not Injured	88,226	77,859 (88.2%)
Total	97,922	86,295 (88.1%)

Drivers, Passengers & Seat Position

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

- Overall, 84.9% of drivers used seat belts, compared with 85.7% of passengers.
- The seat belt rate was about the same among fatally injured passengers (39.7%) as among fatally injured drivers (42.0%).
- Among all occupants, seat belt usage varied by seat position, with occupants in the front middle (78.6%) and back middle (78.3%) using seat belts less often than occupants seated on the left or right.^{**}
- Seat belt usage rates were also low (64.2%) among passengers who were exposed, enclosed, or seated elsewhere in the vehicles.^{**}

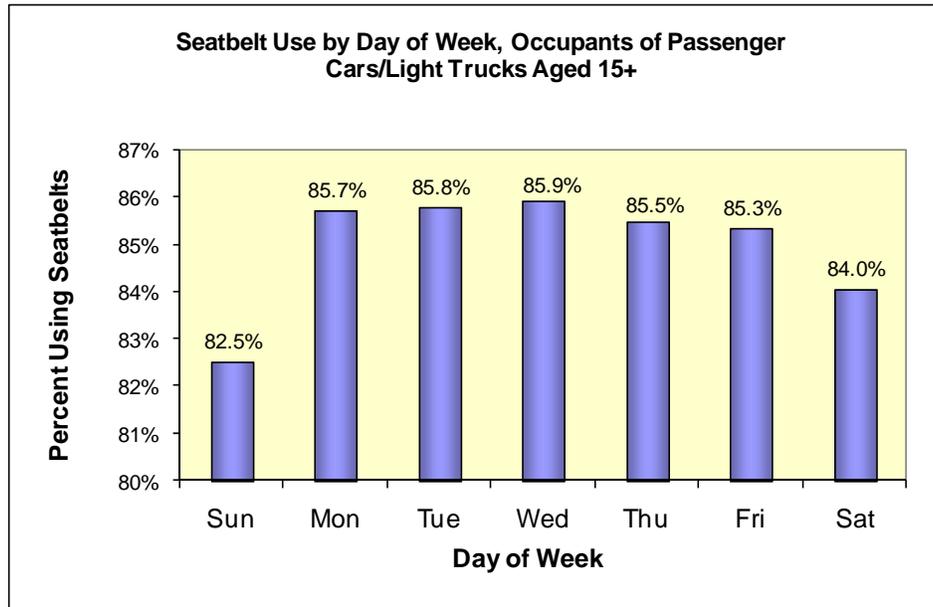
Occupant Type/ Injury Type	Total Occupants Age 15 and Older	Seat Belt Used [§]	Seat Position ^{**}	Total Occupants Age 15 and Older	Seat Belt Used [§]
Drivers			Front Left	612,775	519,144 (84.7%)
Fatality	600	252 (42.0%)	Front Middle	3,351	2,633 (78.6%)
Non-Fatal Injury	60,140	52,469 (87.2%)	Front Right	92,767	82,788 (89.2%)
Not Injured	549,390	465,449 (84.7%)	Back Left	10,817	8,985 (83.1%)
Total	610,130	518,170 (84.9%)	Back Middle	2,806	2,196 (78.3%)
Passengers			Back Right	14,354	12,001 (83.6%)
Fatality	224	89 (39.7%)	Other	4,628	2,972 (64.2%)
Non-Fatal Injury	18,914	15,353 (81.2%)	Total	741,498	630,719 (85.1%)
Not Injured	112,221	97,101 (86.5%)			
Total	131,359	112,543 (85.7%)			

[§] 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 (84.0%) and Sunday (82.5%).



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 [§]
Chicago		
Fatality	279	112 (40.1%)
Non-Fatal Injury	31,066	23,672 (76.2%)
Not Injured	147,017	101,225 (68.9%)
Total	178,362	125,009 (70.1%)
Suburban Cook County		
Fatality	256	166 (64.8%)
Non-Fatal Injury	32,620	28,659 (87.9%)
Not Injured	134,828	117,744 (87.3%)
Total	167,704	146,569 (87.4%)
Chicago Collar Counties		
Fatality	318	217 (68.2%)
Non-Fatal Injury	37,251	34,399 (92.3%)
Not Injured	136,615	127,310 (93.2%)
Total	174,184	161,926 (93.0%)
Rest of State - Urban		
Fatality	484	311 (64.3%)
Non-Fatal Injury	28,747	26,205 (91.2%)
Not Injured	93,542	86,767 (92.8%)
Total	122,773	113,283 (92.3%)
Rest of State - Rural		
Fatality	644	355 (55.1%)
Non-Fatal Injury	20,085	16,812 (83.7%)
Not Injured	77,746	66,765 (85.9%)
Total	98,475	83,932 (85.2%)

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