

Quick Facts

Illinois Crash Information 2009

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.

	Crashes Involving Occupants of Passenger Cars/Light Trucks		Crashes Involving Occupants (Age 15+) of Passenger Cars/Light Trucks
	All Crashes	Trucks	Trucks
Crashes:	292,439	268,190	258,624
Fatal Crashes:	832	562 ^a	548 ^{a,b}
Injury Crashes:	63,382	51,290 ^a	49,941 ^{a,b}
Total People Involved:	682,674 ^c	614,179 ^d	514,661 ^{d,b}
Total Fatalities:	911 ^c	630 ^d	607 ^{d,b}
Total Non-Fatal Injuries:	89,188 ^c	75,106 ^d	68,968 ^{d,b}


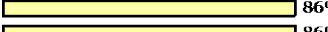

^a Numbers only reflect crashes in which fatality or non-fatal injury was specifically an occupant of a passenger car/light truck

^b Age 15+ only

^c Totals include occupants and non-occupants; e.g. 682,674 total people = 673,838 occupants + 8,836 non-occupants

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

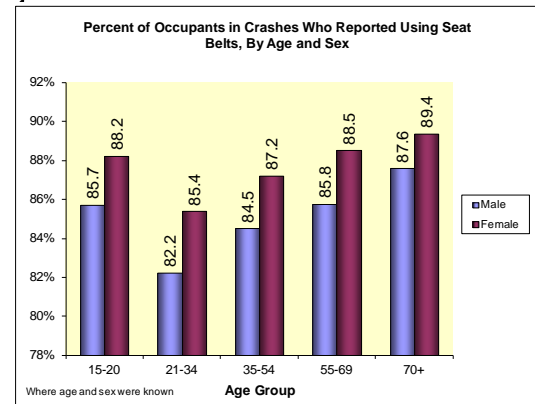
Occupants (drivers and passengers) of passenger cars and light trucks* who were aged 15 and above accounted for 607 (66.6%) of all 911 traffic fatalities in Illinois in 2009. Among occupants of this age group, a far lower percentage of seat belt use[†] was reported for fatalities than for survivors.

Type of Injury	Total Occupants Age 15 and Older	Seat Belt Used*	
Fatality	607	294 (48.4%)	
Non-Fatal Injury	68,968	59,043 (85.6%)	
Not Injured	445,086	381,258 (85.7%)	
Total	514,661	440,595 (85.6%)	

Demographics

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

- Overall, 84.3% of male occupants and 87.1% 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 82.2%.[‡]



* 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 October 4, 2010; with 292,439 crash records, 539,717 vehicle records and 673,839 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). September 2011

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 (84.8%), 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 (39.8%) and SUV's (43.8%).

Vehicle Type/Injury Type	Total Occupants	
	Age 15 and Older	Seat Belt Used [§]
Passenger Car		
Fatality	399	202 (50.6%)
Non-Fatal Injury	48,849	41,804 (85.6%)
Not Injured	299,078	253,235 (84.7%)
Total	348,326	295,241 (84.8%)
Pickup Truck		
Fatality	83	33 (39.8%)
Non-Fatal Injury	5,451	4,505 (82.6%)
Not Injured	42,608	37,155 (87.2%)
Total	48,142	41,693 (86.6%)
Van/Minivan		
Fatality	36	20 (55.6%)
Non-Fatal Injury	5,610	4,871 (86.8%)
Not Injured	37,960	33,034 (87.0%)
Total	43,606	37,925 (87.0%)
SUV		
Fatality	89	39 (43.8%)
Non-Fatal Injury	9,058	7,863 (86.8%)
Not Injured	65,440	57,834 (88.4%)
Total	74,587	65,736 (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, 85.7% of drivers and 85.4% of passengers used seat belts.
- The seat belt rate was slightly lower among fatally injured passengers (44.4%) than among fatally injured drivers (49.9%).
- Among all occupants, seat belt usage varied by seat position, with occupants in the front middle (77.8%) and back middle (76.5%) using seat belts less often than occupants seated on the left or right. **
- Seat belt usage rates were also low (63.3%) among passengers who were exposed, enclosed, or seated elsewhere in the vehicles. **

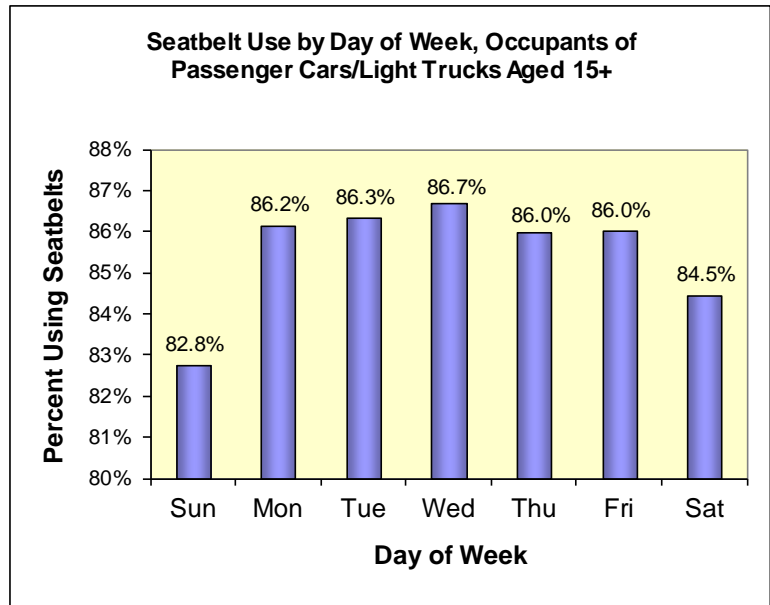
Occupant Type/ Injury Type	Total Occupants		Seat Position **	Total Occupants	
	Age 15 and Older	Seat Belt Used [§]		Age 15 and Older	Seat Belt Used [§]
Drivers					
Fatality	445	222 (49.9%)	Front Left	418,830	358,007 (85.5%)
Non-Fatal Injury	52,104	45,298 (86.9%)	Front Middle	2,490	1,936 (77.8%)
Not Injured	364,548	311,781 (85.5%)	Front Right	68,806	61,278 (89.1%)
Total	417,097	357,301 (85.7%)	Back Left	8,141	6,718 (82.5%)
Passengers					
Fatality	162	72 (44.4%)	Back Middle	2,025	1,549 (76.5%)
Non-Fatal Injury	16,864	13,745 (81.5%)	Back Right	10,509	8,661 (82.4%)
Not Injured	80,538	69,477 (86.3%)	Other	3,802	2,406 (63.3%)
Total	97,564	83,294 (85.4%)	Total	514,603	440,555 (85.6%)

[§] 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 (84.5%) and Sunday (82.8%).



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	283	122 (43.1%)
Non-Fatal Injury	28,203	21,538 (76.4%)
Not Injured	90,791	63,607 (70.1%)
Total	119,277	85,267 (71.5%)
Suburban Cook County		
Fatality	214	131 (61.2%)
Non-Fatal Injury	27,712	24,361 (87.9%)
Not Injured	82,226	71,809 (87.3%)
Total	110,152	96,301 (87.4%)
Chicago Collar Counties		
Fatality	231	176 (76.2%)
Non-Fatal Injury	31,677	29,340 (92.6%)
Not Injured	87,290	81,368 (93.2%)
Total	119,198	110,884 (93.0%)
Rest of State - Urban		
Fatality	325	215 (66.2%)
Non-Fatal Injury	25,634	23,276 (90.8%)
Not Injured	65,218	60,767 (93.2%)
Total	91,177	84,258 (92.4%)
Rest of State - Rural		
Fatality	476	295 (62.0%)
Non-Fatal Injury	18,456	15,398 (83.4%)
Not Injured	55,925	48,192 (86.2%)
Total	74,857	63,885 (85.3%)

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