

Quick Facts

Illinois Crash Information 2012

Occupant Protection for Passenger Cars/Light Trucks (Aged 15 & Above)*

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:	274,291	252,707	242,779
Fatal Crashes:	886	547 ^a	533 ^{a,b}
Injury Crashes:	60,284	48,504 ^a	47,169 ^{a,b}
Total People Involved:	649,023 ^c	586,461 ^d	487,480 ^{d,b}
Total Fatalities:	956 ^c	611 ^d	584 ^{d,b}
Total Non-Fatal Injuries:	83,810 ^c	70,085 ^d	64,422 ^{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. 649,023 total people = 640,402 occupants + 8,621 non-occupants

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

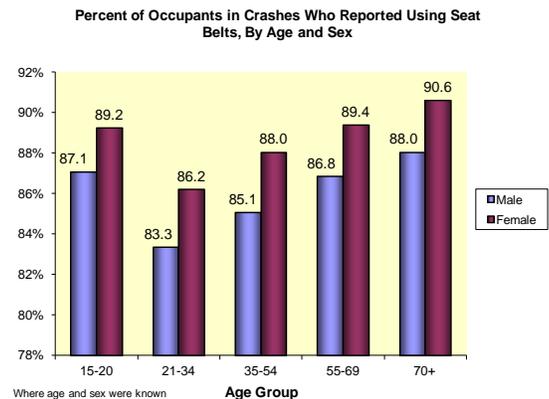
Occupants (drivers and passengers) of passenger cars and light trucks* who were aged 15 and above accounted for 584 (61.1%) of all 956 traffic fatalities in Illinois in 2012. Among occupants of this age group, a far lower percentage of seat belt use[†] was reported for fatalities than for survivors.

Type of Injury	Total Occupants Age 15 and Older	Seat Belt Used*	Percentage
Fatality	584	274 (46.9%)	47%
Non-Fatal Injury	64,422	55,210 (85.7%)	86%
Not Injured	422,474	366,199 (86.7%)	87%
Total	487,480	421,683 (86.5%)	

Demographics

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

- Overall, 85.2% of male occupants and 88.0% 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 83.3%.[‡]



* 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 28, 2014; with 274,291 crash records, 511,337 vehicle records and 649,023 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>.

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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 (85.7%), and the highest was among occupants of SUV's (89.2%)[§]
- Among fatally injured occupants, seat belts rates were lowest among occupants of SUV's (32.0%) and pickup trucks (32.9%).

Vehicle Type/Injury Type	Total Occupants Age 15 and Older	Seat Belt Used [§]
Passenger Car		
Fatality	353	188 (53.3%)
Non-Fatal Injury	45,900	39,242 (85.5%)
Not Injured	287,261	246,469 (85.8%)
Total	333,514	285,899 (85.7%)
Pickup Truck		
Fatality	85	28 (32.9%)
Non-Fatal Injury	4,741	3,858 (81.4%)
Not Injured	36,907	32,422 (87.8%)
Total	41,733	36,308 (87.0%)
Van/Minivan		
Fatality	46	26 (56.5%)
Non-Fatal Injury	4,668	4,104 (87.9%)
Not Injured	32,425	28,397 (87.6%)
Total	37,139	32,527 (87.6%)
SUV		
Fatality	100	32 (32.0%)
Non-Fatal Injury	9,113	8,006 (87.9%)
Not Injured	65,881	58,911 (89.4%)
Total	75,094	66,949 (89.2%)

Drivers, Passengers & Seat Position

Rates of seat belt use among occupants age 15 and up of passenger cars/light trucks varied by seat position within the vehicle.

- Overall, 86.4 % of drivers and 87.2% of passengers used seat belts.
- The seat belt rate was lower among fatally injured passengers (43.2%) than among fatally injured drivers (48.2%).
- Among all occupants, seat belt usage varied by seat position, with occupants in the front middle (76.8%) and back middle (78.6%) using seat belts less often than occupants seated on the left or right. **
- Seat belt usage rates were also low (62.7%) 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					
Fatality	436	210 (48.2%)	Front Left	398,575	343,940 (86.3%)
Non-Fatal Injury	49,222	42,642 (86.6%)	Front Middle	2,125	1,631 (76.8%)
Not Injured	348,005	300,550 (86.4%)	Front Right	64,078	57,635 (89.9%)
Total	397,663	343,402 (86.4%)	Back Left	7,553	6,474 (85.7%)
Passengers			Back Middle	1,811	1,423 (78.6%)
Fatality	148	64 (43.2%)	Back Right	9,700	8,301 (85.6%)
Non-Fatal Injury	15,200	12,568 (82.7%)	Other	3,638	2,279 (62.6%)
Not Injured	74,469	65,649 (88.2%)	Total	487,480	421,683 (86.5%)
Total	89,817	78,281 (87.2%)			

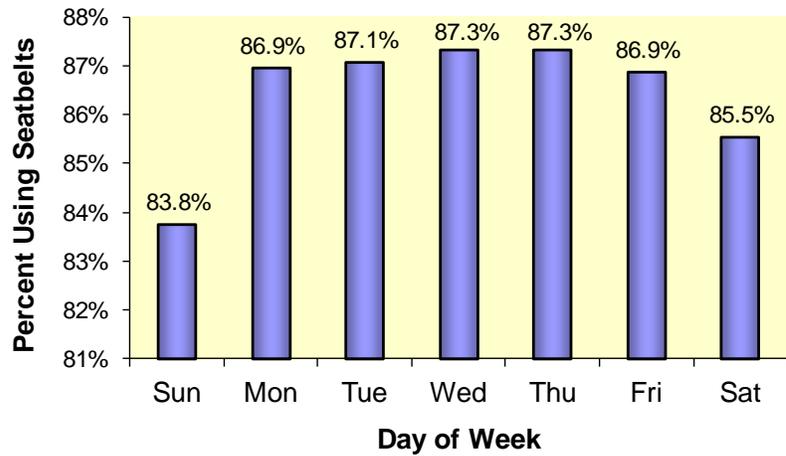
[§] Percent using seat belts was defined as the number of people for whom seat belt use was reported divided by the total number of people involved in crashes

** Where seat position was known

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 (85.5%) and Sunday (83.8%).

Seatbelt Use by Day of Week, Occupants of Passenger Cars/Light Trucks Aged 15+



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	70	21 (30.0%)
Non-Fatal Injury	13,372	10,316 (77.1%)
Not Injured	102,179	74,524 (72.9%)
Total	115,621	84,861 (73.4%)
Suburban Cook County		
Fatality	65	37 (56.9%)
Non-Fatal Injury	13,031	11,339 (87.0%)
Not Injured	93,350	82,185 (88.0%)
Total	106,446	93,561 (87.9%)
Chicago Collar Counties		
Fatality	84	44 (52.4%)
Non-Fatal Injury	15,402	14,110 (91.6%)
Not Injured	97,363	91,871 (94.4%)
Total	112,849	106,025 (94.0%)
Rest of State - Urban		
Fatality	150	72 (48.0%)
Non-Fatal Injury	12,257	10,938 (89.2%)
Not Injured	72,950	68,100 (93.4%)
Total	85,357	79,110 (92.7%)
Rest of State - Rural		
Fatality	215	100 (46.5%)
Non-Fatal Injury	10,360	8,507 (82.1%)
Not Injured	56,632	49,519 (87.4%)
Total	67,207	58,126 (86.5%)

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