

Quick Facts

Illinois Crash Information 2014

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:	296,060	263,284	261,966
Fatal Crashes:	845	545 ^a	538 ^{a,b}
Injury Crashes:	61,081	50,249 ^a	48,943 ^{a,b}
Total People Involved:	691,312 ^c	618,834 ^d	520,815 ^{d,b}
Total Fatalities:	924 ^c	618 ^d	603 ^{d,b}
Total Non-Fatal Injuries:	84,649 ^c	71,973 ^d	66,472 ^{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. 691,312 total people = 683,188 occupants + 8,124 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 603 (65.3%) of all 924 traffic fatalities in Illinois in 2014. Among occupants of this age group, a far lower percentage of seat belt use[†] was reported for fatalities than for survivors.

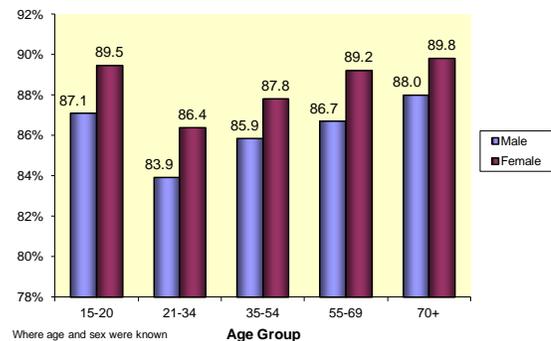
Type of Injury	Total Occupants Age 15 and Older	Seat Belt Used*	
Fatality	603	316 (52.4%)	
Non-Fatal Injury	66,472	57,430 (86.4%)	
Not Injured	453,740	393,735 (86.8%)	
Total	520,815	451,481 (86.7%)	

Demographics

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

- Overall, 85.6% of male occupants and 87.9% 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 83.9%.[‡]

Percent of Occupants in Crashes Who Reported Using Seat Belts, By Age and Sex



* 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 November 12, 2015; with 296,060 crash records, 552,538 vehicle records and 692,412 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). February 2016

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 (85.9%), and the highest was among occupants of SUV's (89.1%)[§]
- Among fatally injured occupants, the lowest rate of seat belt use was among occupants of pickup trucks (40.0%).

Vehicle Type/Injury Type	Total Occupants	
	Age 15 and Older	Seat Belt Used [§]
Passenger Car		
Fatality	346	200 (57.8%)
Non-Fatal Injury	46,100	39,712 (86.1%)
Not Injured	302,011	259,406 (85.9%)
Total	348,457	299,318 (85.9%)
Pickup Truck		
Fatality	85	34 (40.0%)
Non-Fatal Injury	4,739	3,981 (84.0%)
Not Injured	40,268	35,431 (88.0%)
Total	45,092	39,446 (87.5%)
Van/Minivan		
Fatality	38	19 (50.0%)
Non-Fatal Injury	4,754	4,127 (86.8%)
Not Injured	33,058	28,884 (87.4%)
Total	37,850	33,030 (87.3%)
SUV		
Fatality	134	63 (47.0%)
Non-Fatal Injury	10,879	9,610 (88.3%)
Not Injured	78,403	70,014 (89.3%)
Total	89,416	79,687 (89.1%)
	520,815	451,481 (86.7%)

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, 86.7% of drivers and 86.8% of passengers used seat belts.
- The seat belt rate was lower among fatally injured passengers (51.6%) than among fatally injured drivers (52.7%).
- Among all occupants, seat belt usage varied by seat position, with occupants in the front middle (78.7%) and back middle (80.1%) using seat belts less often than occupants seated on the left or right.^{**}
- Seat belt usage rates were also low (63.1%) 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	446	235 (52.7%)
Non-Fatal Injury	50,915	44,664 (87.7%)
Not Injured	376,219	325,617 (86.5%)
Total	427,580	370,516 (86.7%)
Passengers		
Fatality	157	81 (51.6%)
Non-Fatal Injury	15,557	12,766 (82.1%)
Not Injured	77,521	68,118 (87.9%)
Total	93,235	80,965 (86.8%)
	520,815	451,481 (86.7%)

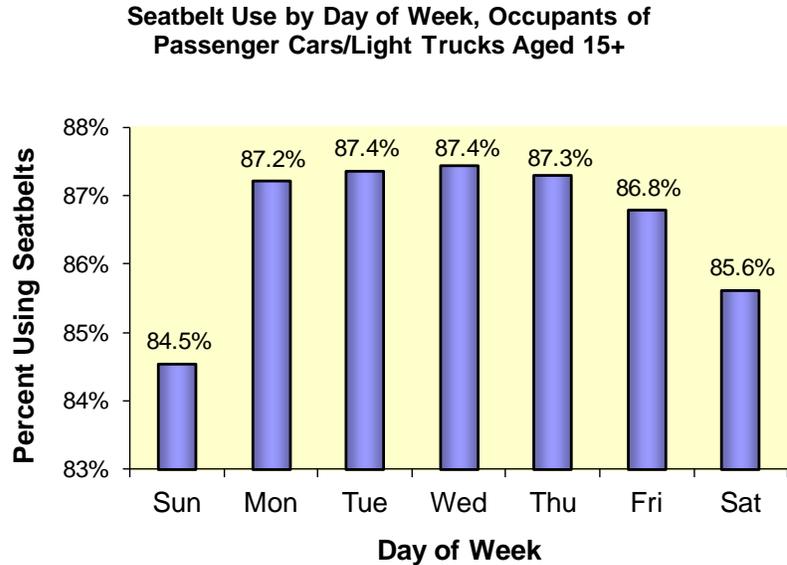
Seat Position ^{**}	Total Occupants	
	Age 15 and Older	Seat Belt Used [§]
Front Left	429,143	371,488 (86.6%)
Front Middle	1,948	1,533 (78.7%)
Front Right	66,674	59,685 (89.5%)
Back Left	7,694	6,579 (85.5%)
Back Middle	1,746	1,398 (80.1%)
Back Right	9,818	8,406 (85.6%)
Other	3,792	2,392 (63.1%)
Total	520,815	451,481 (86.7%)

[§] 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

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 (85.6%) and Sunday (84.5%).



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	66	19 (28.8%)
Non-Fatal Injury	13,215	10,141 (76.7%)
Not Injured	107,981	79,477 (73.6%)
Total	121,262	89,637 (73.9%)
Suburban Cook County		
Fatality	71	36 (50.7%)
Non-Fatal Injury	14,212	12,421 (87.4%)
Not Injured	104,916	92,309 (88.0%)
Total	119,199	104,766 (87.9%)
Chicago Collar Counties		
Fatality	86	57 (66.3%)
Non-Fatal Injury	16,600	15,377 (92.6%)
Not Injured	106,863	100,569 (94.1%)
Total	123,549	116,003 (93.9%)
Rest of State - Urban		
Fatality	147	80 (54.4%)
Non-Fatal Injury	12,425	11,210 (90.2%)
Not Injured	74,797	69,845 (93.4%)
Total	87,369	81,135 (92.9%)
Rest of State - Rural		
Fatality	233	124 (53.2%)
Non-Fatal Injury	10,020	8,281 (82.6%)
Not Injured	59,183	51,535 (87.1%)
Total	69,436	59,940 (86.3%)

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