

# Quick Facts

## Illinois Crash Information 2010

### 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
<b>Crashes:</b>	289,604	267,219	257,529
<b>Fatal Crashes:</b>	858	563 <sup>a</sup>	551 <sup>a,b</sup>
<b>Injury Crashes:</b>	63,586	51,252 <sup>a</sup>	49,852 <sup>a,b</sup>
<b>Total People Involved:</b>	689,908 <sup>c</sup>	623,179 <sup>d</sup>	515,587 <sup>d,b</sup>
<b>Total Fatalities:</b>	927 <sup>c</sup>	623 <sup>d</sup>	606 <sup>d,b</sup>
<b>Total Non-Fatal Injuries:</b>	89,030 <sup>c</sup>	74,781 <sup>d</sup>	68,532 <sup>d,b</sup>

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

<sup>b</sup> Age 15+ only

<sup>c</sup> Totals include occupants and non-occupants; 689,908 total people = 680,833 occupants + 9,075 non-occupants

<sup>d</sup> 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 606 (65.4%) of all 927 traffic fatalities in Illinois in 2010. Among occupants of this age group, a far lower percentage of seat belt use<sup>†</sup> was reported for fatalities than for survivors.

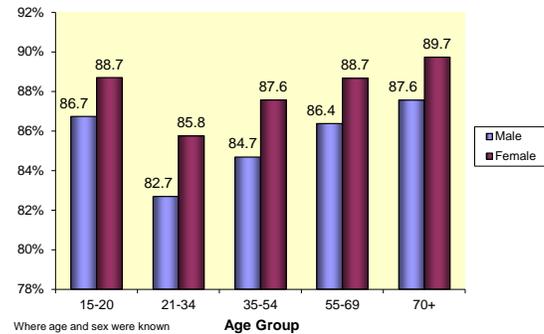
Type of Injury	Total Occupants Age 15 and Older	Seat Belt Used*	
Fatality	606	280 (46.2%)	 46%
Non-Fatal Injury	68,532	58,787 (85.8%)	 86%
Not Injured	446,449	384,432 (86.1%)	 86%
Total	515,587	443,499 (86.0%)	

### Demographics

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

- Overall, 84.8% of male occupants and 87.5% 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 82.7%.<sup>‡</sup>

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

<sup>†</sup> 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

<sup>‡</sup> Where age and sex were known

Note: Data as of December 21, 2011; with 289,604 crash records, 537,606 vehicle records and 689,908 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 (85.2%), and the highest was among occupants of SUV's (89.0%)<sup>§</sup>
- Among fatally injured occupants, seat belts rates were lowest among occupants of pickup trucks (41.0%) and SUV's (31.8%).

Vehicle Type/Injury Type	Total Occupants	
	Age 15 and Older	Seat Belt Used <sup>§</sup>
<b>Passenger Car</b>		
Fatality	382	192 (50.3%)
Non-Fatal Injury	48,482	41,505 (85.6%)
Not Injured	300,717	256,034 (85.1%)
<b>Total</b>	<b>349,581</b>	<b>297,731 (85.2%)</b>
<b>Pickup Truck</b>		
Fatality	100	41 (41.0%)
Non-Fatal Injury	5,134	4,221 (82.2%)
Not Injured	42,012	36,650 (87.2%)
<b>Total</b>	<b>47,246</b>	<b>40,912 (86.6%)</b>
<b>Van/Minivan</b>		
Fatality	36	19 (52.8%)
Non-Fatal Injury	5,596	4,834 (86.4%)
Not Injured	36,943	32,236 (87.3%)
<b>Total</b>	<b>42,575</b>	<b>37,089 (87.1%)</b>
<b>SUV</b>		
Fatality	88	28 (31.8%)
Non-Fatal Injury	9,320	8,227 (88.3%)
Not Injured	66,777	59,512 (89.1%)
<b>Total</b>	<b>76,185</b>	<b>67,767 (89.0%)</b>

### 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, 86.1 % of drivers and 85.5% of passengers used seat belts.
- The seat belt rate was lower among fatally injured passengers (36.1%) than among fatally injured drivers (49.5%).
- Among all occupants, seat belt usage varied by seat position, with occupants in the front middle (78.8%) and back middle (77.5%) using seat belts less often than occupants seated on the left or right. \*\*
- Seat belt usage rates were also low (61.3%) 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 <sup>§</sup>		Age 15 and Older	Seat Belt Used <sup>§</sup>
<b>Drivers</b>					
Fatality	459	227 (49.5%)	Front Left	419,567	360,136 (85.8%)
Non-Fatal Injury	51,929	45,172 (87.0%)	Front Middle	2,416	1,903 (78.8%)
Not Injured	364,773	313,906 (86.1%)	Front Right	68,820	61,845 (89.9%)
<b>Total</b>	<b>417,161</b>	<b>359,305 (86.1%)</b>	Back Left	8,067	6,714 (83.2%)
<b>Passengers</b>					
Fatality	147	53 (36.1%)	Back Middle	2,064	1,599 (77.5%)
Non-Fatal Injury	16,603	13,615 (82.0%)	Back Right	10,524	8,780 (83.4%)
Not Injured	81,676	70,526 (86.3%)	Other	4,038	2,474 (61.3%)
<b>Total</b>	<b>98,426</b>	<b>84,194 (85.5%)</b>	<b>Total</b>	<b>515,496</b>	<b>443,451 (86.0%)</b>

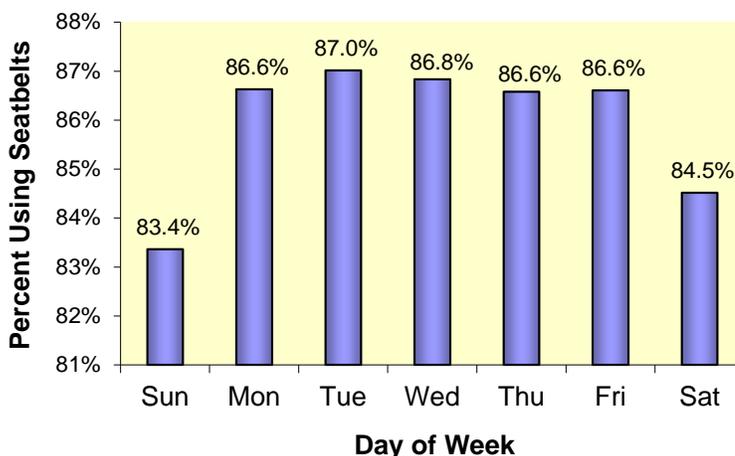
<sup>§</sup> Percent using seat belts was defined as the number of people for whom seat belt use was reported divided by the total number of people involved in crashes

\*\* 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 (83.4%).

**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 <sup>§</sup>
<b>Chicago</b>		
Fatality	224	91 (40.6%)
Non-Fatal Injury	28,846	21,688 (75.2%)
Not Injured	90,699	65,009 (71.7%)
<b>Total</b>	<b>119,769</b>	<b>86,788 (72.5%)</b>
<b>Suburban Cook County</b>		
Fatality	151	96 (63.6%)
Non-Fatal Injury	28,172	24,940 (88.5%)
Not Injured	83,636	73,335 (87.7%)
<b>Total</b>	<b>111,959</b>	<b>98,371 (87.9%)</b>
<b>Chicago Collar Counties</b>		
Fatality	246	164 (66.7%)
Non-Fatal Injury	30,891	28,613 (92.6%)
Not Injured	83,013	77,792 (93.7%)
<b>Total</b>	<b>114,150</b>	<b>106,569 (93.4%)</b>
<b>Rest of State - Urban</b>		
Fatality	325	233 (71.7%)
Non-Fatal Injury	25,596	23,372 (91.3%)
Not Injured	67,603	62,690 (92.7%)
<b>Total</b>	<b>93,524</b>	<b>86,295 (92.3%)</b>
<b>Rest of State - Rural</b>		
Fatality	517	310 (60.0%)
Non-Fatal Injury	18,700	15,799 (84.5%)
Not Injured	56,968	49,367 (86.7%)
<b>Total</b>	<b>76,185</b>	<b>65,476 (85.9%)</b>

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