

# Quick Facts

## Illinois Crash Information 2010

### Motorcycles\*

An evaluation of motor vehicle incidents involving motorcycles is important since motorcyclists are particularly vulnerable and motorcyclist fatalities contribute substantially to the number of traffic fatalities in Illinois.

	All Crashes	Crashes Involving Motorcycles
<b>Crashes:</b>	289,604	4,016
<b>Fatal Crashes:</b>	858	130
<b>Injury Crashes:</b>	63,586	2,919
<b>Total People Involved:</b>	689,908 <sup>a</sup>	7,500 <sup>a</sup>
<b>Total Fatalities:</b>	927 <sup>a</sup>	132 <sup>a</sup>
<b>Total Non-Fatal Injuries:</b>	89,030 <sup>a</sup>	3,396 <sup>a</sup>

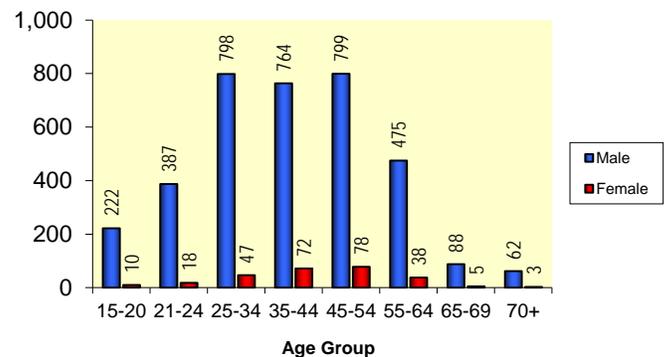
<sup>a</sup>Totals include occupants and non-occupants; 689,908 total people = 680,833 occupants + 9,075 non-occupants

Just 4,016 (1.4%) of all 289,604 crashes that occurred in Illinois in 2010 involved motorcycles, yet these crashes accounted for 132 (14.2%) of all 927 traffic fatalities. Among the 132 motorcycle-related fatalities, 121 (91.7%) were among motorcycle operators, and 10 (7.6%) were among passengers on the motorcycles, while 1 (0.8%) was a driver of another vehicle.

### Demographics of Motorcycle Operators

- 3,641 (93.0%) of the 3,915 operators of motorcycles that were involved in crashes were male<sup>†</sup>
- 1,250 (32.3%) of the 3,866 were aged 21-34<sup>‡</sup>

**Motorcycle Operators Involved in Crashes, by Age and Sex**



Where age and sex were known

\* Includes motorcycles, motorscooters, motorbikes and mopeds

<sup>†</sup> Where sex was known

<sup>‡</sup> Where age was known

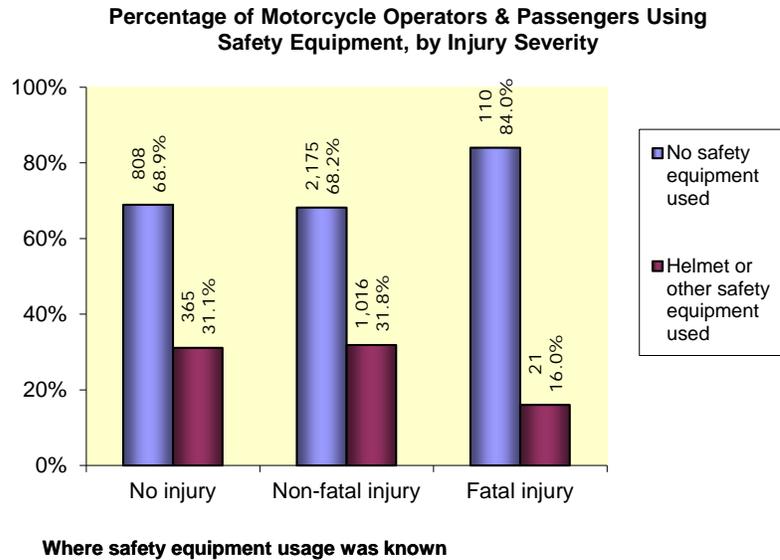
Note: Data as of December 21, 2011; with 289,604 crash records, 537,606 vehicle records and 689,908 person records.

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>.

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). July 2012

### Use of Safety Equipment

- Overall, just 1,402 (31.1%) of 4,495 motorcycle riders (operators and passengers) reported using helmets or other safety equipment
- Riders who were fatally injured were less likely to have been using safety equipment.



### Other characteristics of motorcycle-related crashes

- Excessive speed was a factor in 556 (13.8%) of all 4,016 crashes involving motorcycles<sup>§</sup>
  - In comparison, excessive speed was a factor in 32,107 (11.2%) of all 285,588 crashes that did not involve motorcycles
- Among all 4,119 motorcycles that were involved in crashes in Illinois in 2010 where collision type was known, 562 (13.6%) involved crashes into fixed objects
  - In comparison, 33,812 (6.3%) of all 533,487 other motor vehicles involved in crashes were in fixed object crashes (where collision type and vehicle type were known)
- 1,907 (47.5%) of all 4,016 motorcycle-related crashes were single-vehicle incidents involving the motorcycle itself and no other vehicle
- 438 (10.9%) of all 4,016 motorcycle-related crashes involved a collision between a motorcycle which was driving straight and an oncoming vehicle making a left turn

### Geographic Facts

- 1,308 (32.6%) of all 4,016 crashes involving motorcycles took place in Cook County
  - In comparison, Cook County accounts for 30.9% of the annual vehicle miles traveled in Illinois\*\*
- 2,976 (74.1%) of all 4,016 crashes involving motorcycles took place on roads or highways that were classified as "urban" use, but they were more likely to take place outside of the Chicago area than crashes not involving motorcycles:

	Crashes Involving One or More Motorcycles n (%)	Crashes Not Involving Motorcycles n (%)
<b>Chicago</b>	757 (18.8%)	80,115 (28.1%)
<b>Suburban Cook County</b>	551 (13.7%)	56,119 (19.7%)
<b>Chicago Collar Counties</b>	750 (18.7%)	55,004 (19.3%)
<b>Rest of State - Urban</b>	920 (22.9%)	48,119 (16.8%)
<b>Rest of State - Rural</b>	1,038 (25.8%)	46,231 (16.2%)

Note: Counties were stratified according to criteria defined by the Behavioral Risk Factor Surveillance System for the Illinois Department of Public Health  
 URL: <http://app.idph.state.il.us/brfss/default.asp>

<sup>§</sup> Excessive speed includes crashes in which motorcyclists or any other driver in the crash was driving too fast for conditions or in which exceeding the speed limit or excessive speed for conditions was listed by police as a cause of the crash

\*\* Source: Illinois Travel Statistics 2010, Illinois Department of Transportation