



Motorcycle Safety Report 2012

Florida Department of Health

Bureau of Emergency Medical Oversight

Health Information and Policy Analysis Program

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Date Source and Range:

- Florida Agency for Health Care Administration (ACHA) Hospital Inpatient and Emergency Department visits for 2012
- Vital Statistics death certificates for 2012

Purpose: To research injuries, fatalities and cost of motorcycle traffic crashes in the state of Florida.

Definitions: A non-fatal motorcycle traffic crash is defined as an ED or hospital visit as a result of a motorcycle traffic crash that did not result in death. A fatal motorcycle traffic crash is defined as a fatality due primarily to a motorcycle traffic crash.

Data Elements:

- ICD-9 Ecodes for motorcycle traffic crashes: [E810–E819](.2-.3)
- ICD-10 codes for motorcycle traffic crashes: V20–V28(.3-.9), V29(.4-.9)
- ICD-10 codes for traumatic brain injuries: S01.0–S01.9, S02.0, S02.1, S02.3, S02.7–S02.9, S04.0, S06.0–S06.9, S07.0, S07.1, S07.8, S07.9, S09.7–S09.9, T01.0, T02.0, T04.0, T06.0, T90.1, T90.2, T90.4, T90.5, T90.8, T90.9
- Patient Age
- Patient state of residence
- Patient insurance payee type
- Total charges of ED visit and hospitalizations

Motorcycle Traffic Crash Statistics:

The median age of motorcyclists fatally injured in Florida.	49
The percent of motorcyclist fatalities related to traumatic brain injuries .	30%
The percent of motorcyclists fatally injured in Florida who are Florida residents.	92%
The number of non-fatal hospitalizations for every motorcyclist fatality.	8
The number of non-fatal ED visits for every motorcyclist fatality.	22
The percent of motorcyclist hospitalizations and ED visits not covered by commercial insurance.	64%
The median hospital charge for motorcyclists treated and released from a Florida ED for treatment of traffic crash injuries.	\$ 7,426.58
The median hospital charge for motorcyclists admitted to a Florida hospital for the treatment of traffic crash injuries.	\$ 114,047.58
The total hospital charges for motorcyclists treated in a Florida ED or hospital which were injured in a traffic crash.	\$ 494,411,677.00

References:

1. CDC. *State Injury Indicators Report: Instructions for Preparing 2011 Data*. U.S. Department of Health and Human Services. March 2013.
2. CDC. (2011). Tools for classifying ICD codes. Retrieved from http://www.cdc.gov/nchs/injury/injury_tools.htm .

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