Motorcycle Safety Report 2015

Florida Department of Health
Bureau of Emergency Medical Oversight
Health Information and Policy Analysis Section

Release Date: February 7, 2017
Data Source and Range:
- Florida Agency for Health Care Administration (AHCA) Hospital Inpatient and Emergency Department Visits for 2015
- Vital Statistics death certificates for 2015

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-CM codes for motorcycle traffic crashes: [E810–E819](.2-.3)
- ICD-10-CM codes for motorcycle traffic crashes: V20 – V28(.3-.9), V29(.40-.88, .9)
- 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

Notes: For ICD-10-CM external cause of injury codes, encounter characters ending in “S” (sequela) are excluded based on the Safe States Alliance Injury Surveillance Workgroup 9 (ISW9) report to align with CDC’s definition of hospitalizations and emergency department visits. ICD-10-CM external cause of injury SAS codes from CDC was used in the AHCA 2015 quarter 4 data and may be subject to revisions. Therefore, the numbers may subject to change.
### 2015 Motorcycle Traffic Crash Statistics:

<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>The median age of motorcyclists fatally injured in Florida.</td>
<td>39</td>
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<tr>
<td>The percent of motorcyclist fatalities related to traumatic brain injuries.</td>
<td>33%</td>
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<tr>
<td>The percent of motorcyclists fatally injured in Florida who are Florida residents.</td>
<td>93%</td>
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<tr>
<td>The number of non-fatal hospitalizations for every motorcyclist fatality.</td>
<td>6</td>
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<tr>
<td>The number of non-fatal ED visits for every motorcyclist fatality.</td>
<td>20</td>
</tr>
<tr>
<td>The percent of motorcyclist hospitalizations and ED visits not covered by commercial insurance.</td>
<td>50%</td>
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<tr>
<td>The median hospital charge for motorcyclists treated and released from a Florida ED for treatment of traffic crash injuries.</td>
<td>$5,294.50</td>
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<tr>
<td>The median hospital charge for motorcyclists admitted to a Florida hospital for the treatment of traffic crash injuries.</td>
<td>$83,676.00</td>
</tr>
<tr>
<td>The total hospital charges for motorcyclists treated in a Florida ED or hospital that were injured in a traffic crash.</td>
<td>$675,674,964.00</td>
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</table>

### References:


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**All questions related to this report should be addressed to the following:**

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