

# 2008

## Injury-related Emergency Dept. Visits MA Residents, Ages 65+ Years

In FY2008, there were **71,670** injury-related emergency department (ED) visits to adults ages 65 years and older, a rate of 8186.5 for every 100,000 persons. Falls were the leading cause of injury-related ED visit for this age group.

| INJURY CAUSE                         | INJURY INTENT |             |            |              |               | Total Count   | Percent of Total Count | Crude Rate per 100,000 |
|--------------------------------------|---------------|-------------|------------|--------------|---------------|---------------|------------------------|------------------------|
|                                      | Unintentional | Intentional |            | Undetermined | Other & Legal |               |                        |                        |
|                                      |               | Self-harm   | Assault    |              |               |               |                        |                        |
| Cut/pierce                           | 4,719         | 19          | <7         | <7           | 0             | 4,747         | 6.6                    | 542.2                  |
| Drowning/submersion                  | <7            | 0           | 0          | 0            |               | <7            | --                     | --                     |
| Fall                                 | 38,711        | 0           | 0          | 0            |               | 38,711        | 54.0                   | 4,421.8                |
| Fire/burn                            | 615           | 0           | 0          | 2            |               | 617           | 0.9                    | 70.5                   |
| Firearms                             | 7             | <7          | <7         | 0            | 0             | 12            | 0.0                    | 1.4                    |
| Machinery                            | 339           |             |            |              |               | 339           | 0.5                    | 38.7                   |
| Natural/environmental                | 3,456         | 0           |            | 0            |               | 3,456         | 4.8                    | 394.8                  |
| <i>Dog bites</i>                     | 569           | 0           |            | 0            |               | 569           | 0.8                    | 65.0                   |
| <i>Other bites &amp; stings</i>      | 2,605         | 0           |            | 0            |               | 2,605         | 3.6                    | 297.6                  |
| <i>All other (e.g. extreme cold)</i> | 282           | 0           |            | 0            |               | 282           | 0.4                    | 32.2                   |
| Overexertion                         | 4,197         |             |            |              |               | 4,197         | 5.9                    | 479.4                  |
| Poisoning                            | 613           | 46          | 0          | 73           | 0             | 732           | 1.0                    | 83.6                   |
| Struck by, against                   | 4,772         |             | 124        |              | <7            | 4,898         | 6.8                    | 559.5                  |
| Suffocation/hanging                  | 91            | 0           | 0          | 0            |               | 91            | 0.1                    | 10.4                   |
| Transport Injuries:                  | 3,878         | 0           | <7         | 0            | 0             | 3,879         | 5.4                    | 443.1                  |
| <i>Motor vehicle traffic-related</i> | 3,530         |             |            |              |               | 3,530         | 4.9                    | 403.2                  |
| <i>Occupant</i>                      | 3,001         |             |            |              |               | 3,001         | 4.2                    | 342.8                  |
| <i>Motorcyclist</i>                  | 39            |             |            |              |               | 39            | 0.1                    | 4.5                    |
| <i>Pedal cyclist</i>                 | 27            |             |            |              |               | 27            | 0.0                    | 3.1                    |
| <i>Pedestrian</i>                    | 237           |             |            |              |               | 237           | 0.3                    | 27.1                   |
| <i>Other person</i>                  | 11            |             |            |              |               | 11            | 0.0                    | 1.3                    |
| <i>Unspecified person</i>            | 215           |             |            |              |               | 215           | 0.3                    | 24.6                   |
| <i>Pedal cyclist, other</i>          | 129           |             |            |              |               | 129           | 0.2                    | 14.7                   |
| <i>Pedestrian, other</i>             | 36            |             |            |              |               | 36            | 0.1                    | 4.1                    |
| <i>Transportation, other</i>         | 183           |             |            |              |               | 183           | 0.3                    | 20.9                   |
| Other specified & classifiable       | 2,228         | <7          | 21         | <7           | 0             | 2,251         | 3.1                    | 257.1                  |
| Other specified, not classifiable    | 824           | <7          | 49         | 10           | <7            | 890           | 1.2                    | 101.7                  |
| Unspecified                          | 5,658         | <7          | 39         | 185          | <7            | 5,884         | 8.2                    | 672.1                  |
| Adverse effects                      |               |             |            |              |               | 258           | 0.4                    | 29.5                   |
| No cause or intent provided          |               |             |            |              |               | 702           | 1.0                    | 80.2                   |
| <b>TOTALS</b>                        | <b>70,114</b> | <b>74</b>   | <b>244</b> | <b>274</b>   | <b>&lt;7</b>  | <b>71,670</b> | <b>100</b>             | <b>8,186.5</b>         |
| Injury ED Visit Rate by Intent       | 8,008.8       | 8.5         | 27.9       | 31.3         | --            | n/a           | n/a                    | n/a                    |

Source: MA Emergency Department Discharge Database, MA Division of Health Care, Finance and Policy.

—Analysis is based on a fiscal year (Oct 1, 2007 - Sep 30, 2008).

—Rates are per 100,000 residents. Rates provided here are not age-adjusted and may differ slightly from other department publications.

Rates are not calculated on counts of less than five. Rates that are based on counts less than twenty may be unstable.

—Categories and groupings are based on a modified version of the CDC's "Recommended framework of E-code groupings for presenting injury mortality and morbidity data." This framework does not provide for intentionality for certain cause categories as indicated by gray shading.

Injury subcategories are italicized.

Data prepared by the Injury Surveillance Program, Bureau of Health Information, Statistics, Research and Evaluation, Massachusetts Department of Public Health.

March 2010