

# 2007

## Injury Deaths to Massachusetts Youth & Young Adults Ages 15-24 Years

Injuries are the leading cause of death in Massachusetts for youth and young adults ages 15-24 years. In 2007, there were **366** injury deaths to persons ages 15-24, a rate of **40.4** deaths for every 100,000 youth. Transportation related injuries were the leading cause of death for this age group, followed by poisonings.

| INJURY CAUSE                         | INJURY INTENT |                    |           |              |               | Total Count | Percent of Total Count | Crude Rate per 100,000 |
|--------------------------------------|---------------|--------------------|-----------|--------------|---------------|-------------|------------------------|------------------------|
|                                      | Unintentional | <i>Intentional</i> |           | Undetermined | Other & Legal |             |                        |                        |
|                                      |               | Suicide            | Homicide  |              |               |             |                        |                        |
| Cut/pierce                           | 0             | 1                  | 11        | 0            | 0             | 12          | 3.3                    | <b>1.3</b>             |
| Drowning/submersion                  | 7             | 2                  | 0         | 1            |               | 10          | 2.7                    | <b>1.1</b>             |
| Fall                                 | 7             | 2                  | 0         | 0            |               | 9           | 2.5                    | <b>1.0</b>             |
| Fire/burn                            | 4             | 0                  | 0         | 0            |               | 4           | 1.1                    | --                     |
| Firearms                             | 2             | 10                 | 57        | 0            | 0             | 69          | 18.9                   | <b>7.6</b>             |
| Machinery                            | 0             |                    |           |              |               | 0           | 0.0                    | <b>0.0</b>             |
| Natural/environmental                | 1             |                    |           |              |               | 1           | 0.3                    | --                     |
| Overexertion                         | 0             |                    |           |              |               | 0           | 0.0                    | <b>0.0</b>             |
| Poisoning                            | 60            | 7                  | 1         | 2            | 0             | 70          | 19.1                   | <b>7.7</b>             |
| Struck by, against                   | 3             | 0                  | 0         | 0            | 0             | 3           | 0.8                    | --                     |
| Suffocation/hanging                  | 3             | 25                 | 1         | 1            |               | 30          | 8.2                    | <b>3.3</b>             |
| Transport Injuries:                  | 142           | 1                  | 0         | 0            | 0             | 143         | 39.1                   | <b>15.8</b>            |
| <i>Motor vehicle traffic-related</i> | 129           |                    |           |              |               | 129         | 35.2                   | <b>14.2</b>            |
| <i>Occupant</i>                      | 18            |                    |           |              |               | 18          | 4.9                    | <b>2.0</b>             |
| <i>Motorcyclist</i>                  | 17            |                    |           |              |               | 17          | 4.6                    | <b>1.9</b>             |
| <i>Pedal cyclist</i>                 | 1             |                    |           |              |               | 1           | 0.3                    | --                     |
| <i>Pedestrian</i>                    | 9             |                    |           |              |               | 9           | 2.5                    | <b>1.0</b>             |
| <i>Other person</i>                  | 0             |                    |           |              |               | 0           | 0.0                    | <b>0.0</b>             |
| <i>Unspecified person</i>            | 84            |                    |           |              |               | 84          | 23.0                   | <b>9.3</b>             |
| <i>Pedal cyclist, other</i>          | 1             |                    |           |              |               | 1           | 0.3                    | --                     |
| <i>Pedestrian, other</i>             | 2             |                    |           |              |               | 2           | 0.5                    | --                     |
| <i>Other land transport</i>          | 8             |                    |           |              |               | 8           | 2.2                    | <b>0.9</b>             |
| <i>Other transport</i>               | 2             |                    |           |              |               | 2           | 0.5                    | --                     |
| Other specified & classifiable       | 5             | 2                  | 0         | 0            | 1             | 8           | 2.2                    | <b>0.9</b>             |
| Other specified, not classifiable    | 0             | 0                  | 1         | 2            | 0             | 3           | 0.8                    | --                     |
| Unspecified                          | 0             | 0                  | 2         | 1            | 0             | 3           | 0.8                    | --                     |
| Adverse Effects                      |               |                    |           |              |               | 1           | 0.3                    | --                     |
| <b>TOTALS</b>                        | <b>234</b>    | <b>50</b>          | <b>73</b> | <b>7</b>     | <b>1</b>      | <b>366</b>  | <b>100%</b>            | <b>40.4</b>            |
| Injury Death Rate by Intent          | 25.8          | 5.5                | 8.1       | 0.8          | --            | n/a         | n/a                    | n/a                    |

Source: Registry of Vital Records and Statistics, Massachusetts Department of Public Health.

—Rates are per 100,000 residents. Rates provided here are age-specific. Rates are not calculated on counts of less than five, and those 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.