

Wayne County Injury Profile

Injury Deaths (2000-2011)

| | Wayne County (rates per 100,000) | | |
|----------------------|----------------------------------|-------------|-------------|
| | 2000 -2003 | 2004 - 2007 | 2008 - 2011 |
| Homicide | 2.4* | 1.9* | + |
| Suicide | 9.7 | 10.9 | 10.8 |
| Unintentional Injury | 30.4 | 40.5 | 43.2 |

Descriptive Notes:

- Homicide rates decreased from 2000-2003 to 2004-2007 and remained lower in 2008-2010.
- Suicide rates increased from 2000-2003 to 2004-2007.
- Unintentional injury death rates increase from 2000-2003 to 2004-2007 and remained elevated in 2008-2011.
- (*) Rates should be interpreted with caution due to rates based on fewer than 20 deaths.

Injury Hospitalizations (2003-11)

| | Wayne County (rates per 100,000) | | | | | | | | | |
|----------------------|----------------------------------|------|------|------|------|------|------|------|------|--|
| | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | |
| Assault | 9.8 | 9.8 | 9.8 | 10.1 | 10.1 | 10.1 | 10.1 | 6.7 | 10.9 | |
| Self-Harm | 41 | 32 | 49 | 50 | 57 | 47 | 47 | 41 | 42 | |
| Unintentional Injury | 331 | 385 | 339 | 374 | 349 | 363 | 309 | 329 | 317 | |

Descriptive Notes:

- Assault hospitalization rates were similar in 2002 through 2009 then decreased in 2010.
- Self-harm hospitalization rates fluctuated between 2002 and 2007 then decreased from 2007 to 2011.
- Unintentional injury hospitalization rates fluctuated without a consistent pattern between 2002 and 2011.
- (*) Rates should be interpreted with caution due to rates based on fewer than 20 hospitalizations.

Injury Emergency Department Visits (2003-11)

| | Wayne County (rates per 100,000) | | | | | | | | | |
|----------------------|----------------------------------|-------|-------|-------|-------|-------|-------|-------|--------|--|
| | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | |
| Assault | 177 | 185 | 201 | 286 | 287 | 296 | 306 | 300 | 328 | |
| Self-Harm | 83 | 75 | 102 | 150 | 124 | 130 | 189 | 156 | 164 | |
| Unintentional Injury | 8,105 | 8,725 | 9,123 | 9,592 | 9,866 | 9,828 | 9,911 | 9,761 | 11,633 | |

Descriptive Notes:

- Assault ED visit rates increased from 2003 to 2009 then was similar in 2011.
- Self-harm ED visit rates increased from 2003 to 2006 and fluctuated between 2006 and 2011.
- Unintentional injury ED visits increased from 2002 to 2007 then remained similar between 2007 and 2010, increasing in 2011.



Injury Cost Estimates for Wayne County:

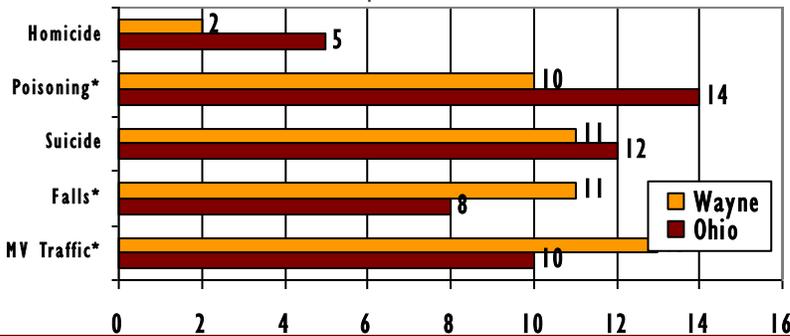
- Fatal and non-fatal injuries cost* \$210 million in medical care and work loss in 2011.
- Injuries cost on average \$1,835 per Wayne County resident in 2011.

*Costs are reported in 2005 U.S. dollars and based on national estimates for average cost of injury deaths, hospitalizations, and ED visits developed by the Centers for Disease Control and Prevention.

Leading Injuries by Severity

Injury Deaths (2008-2011)

Injury Deaths (Five Leading Causes)
Rates per 100,000

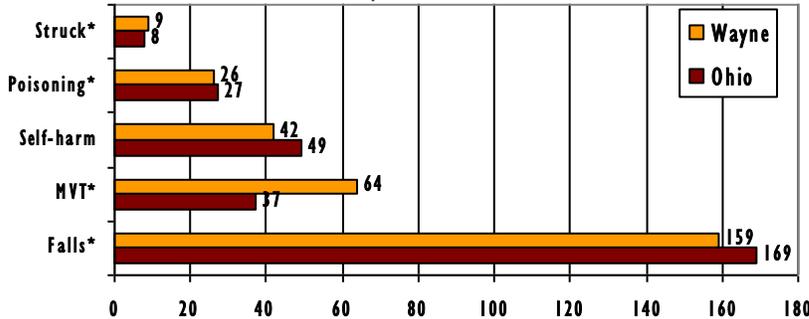


Descriptive Notes:

- Motor vehicle traffic crashes, falls, suicide, unintentional poisoning and homicides were the leading causes of injury death among Wayne County residents in 2008-2011.
- Motor vehicle traffic crash and falls death rates among Wayne County residents were higher than the state average.
- Suicide, unintentional poisoning and homicide rates among Wayne County residents were lower than the state average.

Injury Hospitalizations (2011)

Injury Hospitalizations (Five Leading Causes)
Rates per 100,000

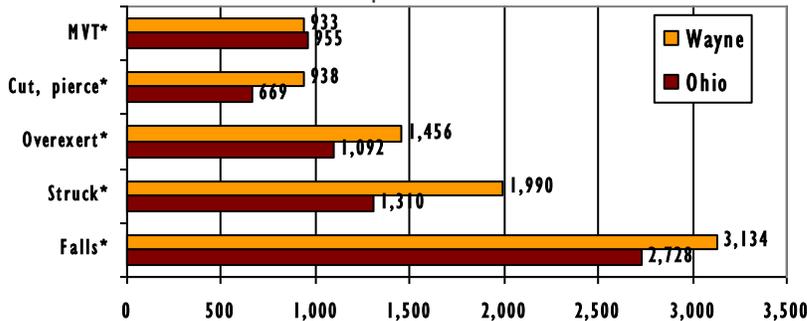


Descriptive Notes:

- Falls, motor vehicle traffic crashes, self-harm, poisoning and being struck were the leading causes of injury hospitalizations among Wayne County residents.
- Hospitalization rates resulting from motor vehicle traffic crashes and being struck among Wayne County residents were higher than the state average.
- Hospitalization rates resulting from self-harm among Wayne County residents were lower than the state average while poisoning rates were similar to the state average.

Injury Emergency Department Visits (2011)

Injury Emergency Department Visits (Five Leading Causes)
Rates per 100,000



Descriptive Notes:

- Falls, being struck, overexertion, cuts or pierces and motor vehicle traffic crashes were the leading causes of injury ED visits among Wayne County residents.
- ED visit rates resulting from being struck, overexertion, falls and cuts or pierces among Wayne County residents were higher than the state average.
- ED visit rates resulting from motor vehicle traffic crashes among Wayne County residents were lower than the state average.



Every week in Wayne County:

- 1 person dies every week from an injury.
- 12 hospitalizations are caused by an injury.
- 293 ED visits are caused by an injury.

Leading Injuries by Age

Child/Young Adult (0-24 Years)

| | Deaths | |
|------------|--------------------|-------------------------|
| | Number (2008-2011) | Annual Rate Per 100,000 |
| Poisoning* | 6 | + |
| Suicide | 9 | + |
| Falls* | <5 | + |
| MVTC* | 13 | 8.2 |
| Homicide | <5 | + |

| | Hospitalizations | |
|------------|------------------|-------------------------|
| | Number (2011) | Annual Rate Per 100,000 |
| Poisoning* | 5 | 12.5 |
| Self-Harm | 12 | 30.1 |
| Falls* | 8 | + |
| MVTC* | 23 | 57.7 |
| Struck* | <5 | + |

| | Emergency Department Visits | |
|--------------|-----------------------------|-------------------------|
| | Number (2011) | Annual Rate Per 100,000 |
| Overexert* | 574 | 1,439.9 |
| Struck* | 1,283 | 3,218.4 |
| Falls* | 1,288 | 3,230.9 |
| MVTC* | 403 | 1,010.9 |
| Cut, pierce* | 403 | 1,010.9 |

Adult (25-64 Years)

| | Deaths | |
|------------|--------------------|-------------------------|
| | Number (2008-2011) | Annual Rate Per 100,000 |
| Poisoning* | 33 | 14.1 |
| Suicide | 34 | 14.6 |
| Falls* | 10 | 4.3 |
| MVTC* | 36 | 15.4 |
| Homicide | <5 | + |

| | Hospitalizations | |
|------------|------------------|-------------------------|
| | Number (2011) | Annual Rate Per 100,000 |
| Poisoning* | 17 | 29.7 |
| Self-Harm | 31 | 53.7 |
| Falls* | 49 | 84.9 |
| MVTC* | 41 | 71.0 |
| Struck* | 6 | + |

| | Emergency Department Visits | |
|--------------|-----------------------------|-------------------------|
| | Number (2011) | Annual Rate Per 100,000 |
| Overexert* | 908 | 1,572.6 |
| Struck* | 764 | 1,323.2 |
| Falls* | 1,551 | 2,686.3 |
| MVTC* | 546 | 945.7 |
| Cut, pierce* | 532 | 921.4 |

Older Adult (65+ Years)

| | Deaths | |
|------------|--------------------|-------------------------|
| | Number (2008-2011) | Annual Rate Per 100,000 |
| Poisoning* | <5 | + |
| Suicide | <5 | + |
| Falls* | 46 | 70.2 |
| MVTC* | 14 | 21.4 |
| Homicide | <5 | + |

| | Hospitalizations | |
|------------|------------------|-------------------------|
| | Number (2011) | Annual Rate Per 100,000 |
| Poisoning* | 8 | + |
| Self-Harm | 0 | 0.0 |
| Falls* | 157 | 923 |
| MVTC* | 8 | + |
| Struck* | <5 | + |

| | Emergency Department Visits | |
|--------------|-----------------------------|-------------------------|
| | Number (2011) | Annual Rate Per 100,000 |
| Overexert* | 63 | 370.4 |
| Struck* | 136 | 799.6 |
| Falls* | 752 | 4,421.2 |
| MVTC* | 73 | 429.2 |
| Cut, pierce* | 85 | 499.7 |



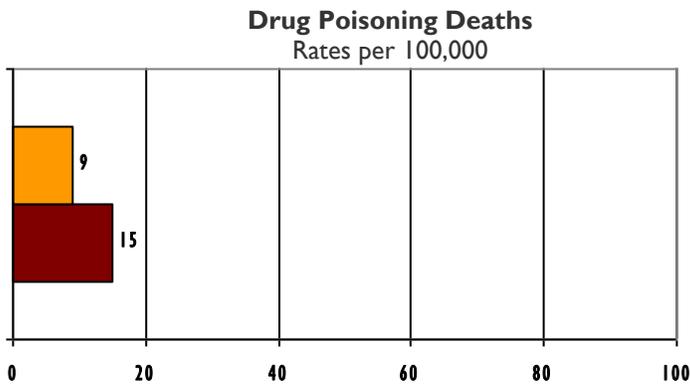
Technical Notes

- Mechanisms noted with an (*) are unintentional injuries.
- All rates are age-adjusted and expressed as injuries per 100,000 people.
- Differences between the county and state are noted when differences in rates are at or more than +/- 10 percent.
- MVTC refers to occupants of motor vehicle traffic crashes.
- (+) Rates suppressed due to counts of less than 10.
- All rates on pages 1, 2, and 4 are age adjusted to the 2000 U.S. standard population.

Wayne County Injury Profile

Drug Poisoning

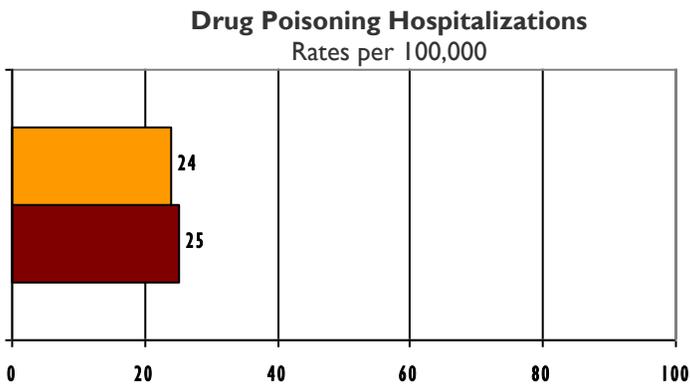
Drug Poisoning Deaths (2008-2011)



Descriptive Notes:

- 37 Wayne County residents died from an unintentional drug poisoning in 2008-2011.
- Unintentional drug poisoning death rates among Wayne County residents were lower than the state average.

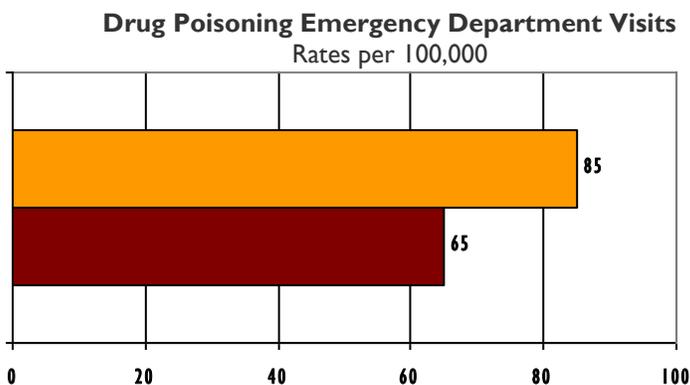
Drug Poisoning Hospitalizations (2011)



Descriptive Notes:

- 27 hospitalizations resulted from unintentional drug poisoning among Wayne County residents in 2011.
- Unintentional drug poisoning rate among Wayne County residents was similar to the state average.

Drug Poisoning Emergency Department Visits (2011)



Descriptive Notes:

- 95 ED visits resulted from unintentional drug poisoning among Wayne County residents in 2011.
- Unintentional drug poisoning ED visit rate among Wayne County residents was higher than the state average.



In Wayne County:

- 1 person dies every month from an unintentional drug poisoning.
- 2 hospitalizations are caused every month by an unintentional drug poisoning.
- 8 ED visits are caused every month by an unintentional drug poisoning.