

Columbiana County Injury Profile

Injury Deaths¹ (2000-2011)

	Columbiana County (rates per 100,000)		
	2000 - 2003	2004 - 2007	2008 - 2011
Homicide	2.4*	3.0*	3.4*
Suicide	11.0	13.7	15.2
Unintentional Injury	35.4	38.1	42.5

Descriptive Notes:

- Homicide, suicide and unintentional injury death rates steadily increased between 2000 and 2011.
- (*) Death rates should be interpreted with caution, because rates are based on fewer than 20 deaths.

Injury Hospitalizations² (2003-11)

	Columbiana County (rates per 100,000)									
	2003	2004	2005	2006	2007	2008	2009	2010	2011	
Assault	6.5	6.5	6.5	9.5	9.5	9.5	9.5	7.5	8.7	
Self-Harm	+	110	91	82	71	76	61	65	68	
Unintentional Injury	+	400	376	381	401	433	352	283	305	

Descriptive Notes:

- Assault hospitalization rates increased from 2002-2005 to 2006-2009 then decreased in 2010.
- Self-harm hospitalization rates steadily decreased from 2004 to 2011.
- Unintentional injury hospitalization rates were similar from 2004 to 2008 then decreased in 2009 and 2010.
- (+) Rates were suppressed due to poor external cause of injury coding rates below the state average (<67%) in 2003.

Injury Emergency Department Visits² (2003-11)

	Columbiana County (rates per 100,000)									
	2003	2004	2005	2006	2007	2008	2009	2010	2011	
Assault	+	440	449	542	515	505	488	495	538	
Self-Harm	+	116	133	124	157	166	166	165	188	
Unintentional Injury	+	12,656	13,946	14,015	14,004	13,309	13,371	12,862	12,773	

Descriptive Notes:

- Assault and unintentional injury hospitalization rates increased from 2004 to 2006 and then decreased from 2006 to 2010.
- Self-harm hospitalization rates were similar in 2004 through 2006 then increased in 2007 and remained elevated through 2011.
- (+) ED visit rates were suppressed due to external cause of injury coding rates below the state average (<63%) in 2003.



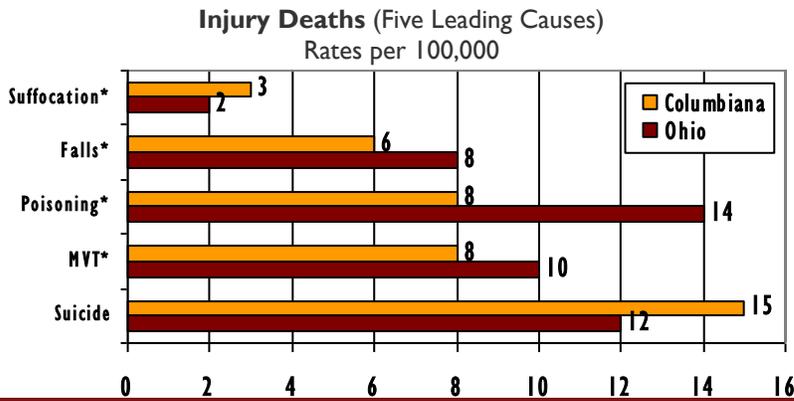
Injury Cost Estimates for Columbiana County³:

- Fatal and non-fatal injuries cost* \$213 million in medical care and work loss in 2011.
- Injuries cost on average \$1,983 per Columbiana 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

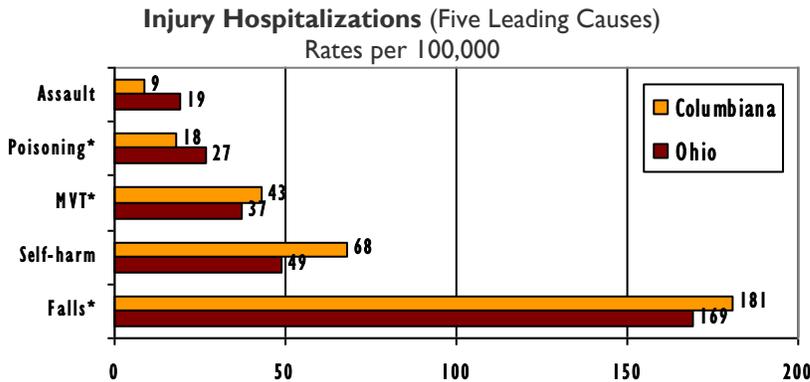
Injury Deaths¹ (2008-2011)



Descriptive Notes:

- Suicide, motor vehicle crashes, unintentional poisoning, falls and suffocation were the leading causes of injury death among Columbiana County residents.
- Suicide rates among Columbiana County residents were higher than the state average.
- Motor vehicle traffic crash death rates among Columbiana County residents were similar to the state average.
- Poisoning, fall and suffocation death rates among Columbiana County residents were lower than the state average.

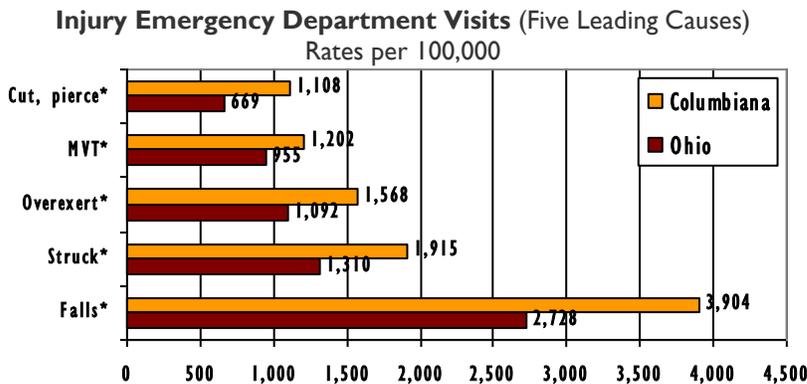
Injury Hospitalizations² (2011)



Descriptive Notes:

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

Injury Emergency Department Visits² (2011)



Descriptive Notes:

- Falls, being struck, overexertion, motor vehicle traffic crashes and cuts or pierces were the leading causes of injury ED visits among Columbiana County residents.
- ED visit rates among Columbiana County residents were higher than the state average for all 5 leading causes of injury.



Every week in Columbiana County:

- 2 people die from an injury.
- 11 hospitalizations are caused by an injury.
- 305 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*	5	+
Suicide	7	+
Falls*	<5	+
MVTC*	9	+
Suffocation*	0	0.0

	Hospitalizations	
	Number (2011)	Annual Rate Per 100,000
Poisoning*	<5	+
Self-Harm	20	63.8
Falls*	5	+
MVTC*	13	41.5
Assault	10	+

	Emergency Department Visits	
	Number (2011)	Annual Rate Per 100,000
Overexert*	592	1,888.1
Struck*	1,106	3,527.5
Falls*	1,485	4,736.2
MVTC*	443	1,412.9
Cut, pierce*	418	1,333.2

Adult (25-64 Years)

	Deaths	
	Number (2008-2011)	Annual Rate Per 100,000
Poisoning*	27	11.5
Suicide	47	20.0
Falls*	5	+
MVTC*	23	9.8
Suffocation*	6	+

	Hospitalizations	
	Number (2011)	Annual Rate Per 100,000
Poisoning*	14	24.0
Self-Harm	45	77.3
Falls*	59	101.3
MVTC*	25	42.9
Assault	19	+

	Emergency Department Visits	
	Number (2011)	Annual Rate Per 100,000
Overexert*	839	1,440.3
Struck*	627	1,076.4
Falls*	1,715	2,944.2
MVTC*	679	1,165.7
Cut, pierce*	597	1,024.9

Older Adult (65+ Years)

	Deaths	
	Number (2008-2011)	Annual Rate Per 100,000
Poisoning*	<5	+
Suicide	13	18.6
Falls*	25	35.8
MVTC*	<5	+
Suffocation*	9	+

	Hospitalizations	
	Number (2011)	Annual Rate Per 100,000
Poisoning*	6	+
Self-Harm	<5	+
Falls*	187	1,040.9
MVTC*	26	49.8
Assault	8	+

	Emergency Department Visits	
	Number (2011)	Annual Rate Per 100,000
Overexert*	96	534.3
Struck*	68	378.5
Falls*	943	5,248.8
MVTC*	72	400.8
Cut, pierce*	78	434.2



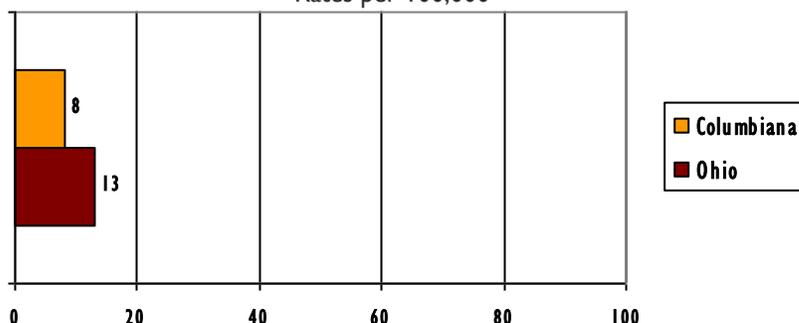
Technical Notes

- 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 20.
- All rates on pages 1, 2 and 4 are age adjusted to the 2000 U.S. standard population.

Drug Poisoning

Drug Poisoning Deaths¹ (2008-2011)

Drug Poisoning Deaths
Rates per 100,000

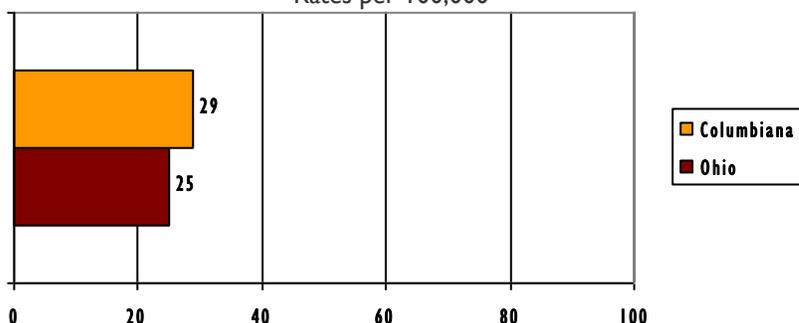


Descriptive Notes:

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

Drug Poisoning Hospitalizations² (2011)

Drug Poisoning Hospitalizations
Rates per 100,000

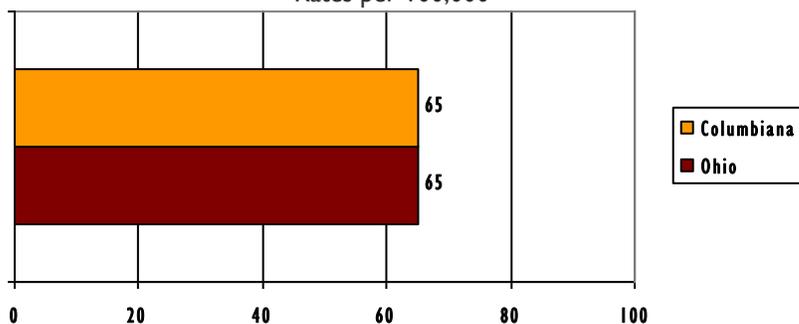


Descriptive Notes:

- 20 hospitalizations resulting from unintentional drug poisoning among Columbiana County residents in 2011.
- Unintentional drug poisoning hospitalization rate was higher among Columbiana County residents than the state average.

Drug Poisoning Emergency Department Visits² (2011)

Drug Poisoning Emergency Department Visits
Rates per 100,000



Descriptive Notes:

- 63 ED visits resulted from unintentional drug poisoning among Columbiana County residents in 2011.
- Unintentional drug poisoning ED visit rate among Columbiana County residents was similar to the state average.



In Columbiana County:

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