

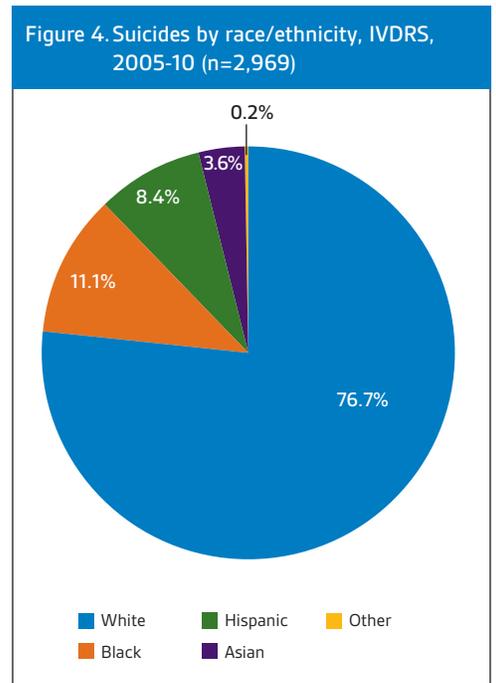
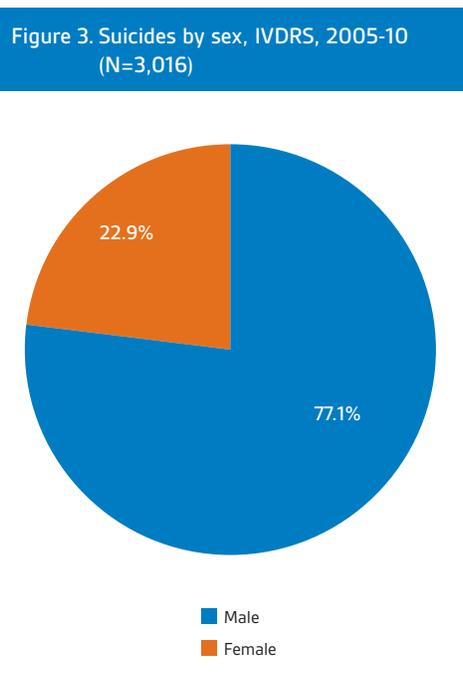
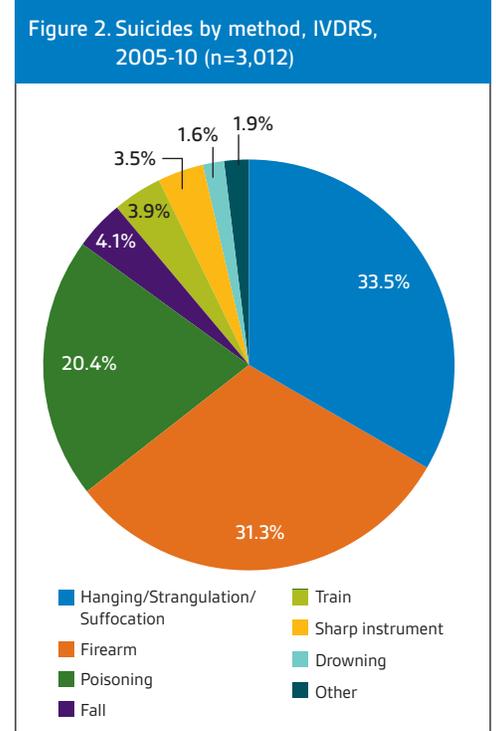
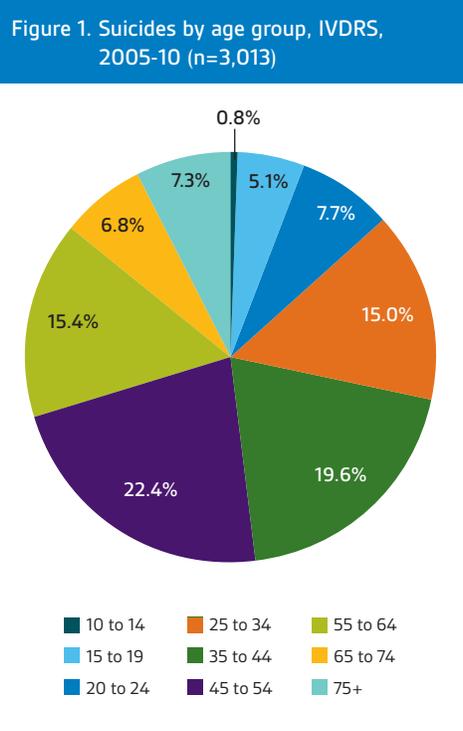
# Circumstances surrounding suicide by age group

Suicide is among the five leading causes of death for Illinois citizens ages 10 to 54; for those ages 15 to 34, it is the third leading cause of death (WISQARS, CDC, 2010). The Illinois Violent Death Reporting System (IVDRS) was developed to help prevent these deaths by providing policy makers with timely, complete data, which includes the circumstances surrounding the deaths.

This Child Health Data Lab (CHDL) Data Brief uses IVDRS data to examine the circumstances that surround and/or are identified as contributing factors to suicides by age group in which the injury and death occurred in Cook, DuPage, Kane, McHenry and Peoria counties from 2005 to 2010.

The demographics and methods used in the 3,016 suicides included in the sample are presented in Figures 1 through 4. Information about how suicide varies by demographics and methods used is presented in a previous CHDL Data Brief (*Examining Suicides in Illinois, 2005-2008*, IVDRS, December 2011). There was little variation year to year in the number of suicides. Overall, the sample is largely comprised of young- to middle-aged adults (ages 25 to 64, 72.4% combined), males (77.1%) and whites (76.7%). The three most commonly used methods are hanging/strangulation/suffocation (33.5%), firearm (31.3%) and poisoning, which includes carbon monoxide (20.4%).

Table 1 presents the circumstances that present and/or appeared to have contributed to the suicide, by age group. Notable variations from the overall average are highlighted on page 2.



## Notable variations in circumstance

Table 1. Notable variations in circumstance by age group		
Age group	Less likely to have	More likely to have
<b>Ages 10 to 19</b>	<ul style="list-style-type: none"> <li>Positive alcohol toxicological findings, or alcohol dependence problems</li> <li>A current depressed mood, a current diagnosis of a mental health problem or ever received treatment for a mental health problem (ages 10 to 14 only)</li> <li>Left a suicide note (ages 10 to 14 only)</li> </ul>	<ul style="list-style-type: none"> <li>Ever received treatment for a mental health problem (ages 15 to 19 only)</li> <li>Experienced a crisis within two weeks of the suicide (ages 10 to 14 only)*</li> <li>School problems</li> <li>Relationship problems with family, friends or others (non-intimate partner)</li> </ul>
<b>Ages 20 to 34</b>	<ul style="list-style-type: none"> <li>Current diagnosis of a mental health problem, received treatment for a mental health problem (currently and ever) (ages 20 to 24 only)</li> <li>Disclosed intent to commit suicide to another (ages 20 to 24 only)</li> </ul>	<ul style="list-style-type: none"> <li>Positive alcohol toxicological findings</li> <li>Substance abuse problem (ages 25 to 34 only)</li> <li>Criminal legal problems</li> <li>Problems with a current or former intimate partner (ages 25 to 34 only)</li> </ul>
<b>Ages 35 to 64</b>	<ul style="list-style-type: none"> <li>Positive alcohol toxicological findings or a substance abuse problem (ages 55 to 64 only)</li> <li>Experienced a crisis within two weeks of the suicide (ages 55 to 64 only)</li> </ul>	<ul style="list-style-type: none"> <li>Positive alcohol toxicological findings or have alcohol dependence problems (ages 35 to 54)</li> <li>Current diagnosis of a mental health problem, received treatment for a mental health problem (currently and ever) (ages 45 to 64 only)</li> <li>Financial and job/employment problems (ages 45 to 64 only)</li> <li>Problems with a current or former intimate partner (ages 35 to 44 only)</li> </ul>
<b>Ages 65+</b>	<ul style="list-style-type: none"> <li>Ever received treatment for a mental health problem</li> <li>A history of prior suicide attempts</li> <li>Relationship problems (intimate partner, family, friends or other)</li> </ul>	<ul style="list-style-type: none"> <li>Experienced a death of family member/friend within 5 years (ages 75+ only)</li> <li>Physical health problems</li> <li>Disclosed intent to commit suicide to another (ages 75+ only)</li> </ul>

\*The CDC defines "crisis" as a very current crisis or acute precipitating event, as interpreted through the eyes of the victim.

## Circumstances surrounding and/or appearing to contribute to suicide

Table 2. Circumstances surrounding and/or appearing to contribute to suicide, by age group

Age group	TOTAL (n=3013)	10 to 14 (n=23)	15 to 19 (n=153)	20 to 24 (n=233)	25 to 34 (n=451)	35 to 44 (n=591)	45 to 54 (n=674)	55 to 64 (n=463)	65 to 74 (n=205)	75+ (n=220)
Mean number of circumstances recorded	<b>7.0</b>	5.4	6.5	6.4	7.0	7.0	7.4	7.2	6.5	6.7
Alcohol present in blood (n=2,807)	<b>34.1%</b>	0.0%	17.1%	43.8%	44.8%	43.2%	38.2%	25.0%	21.5%	10.2%
Person has alcohol dependence problem	<b>16.5%</b>	0.0%	3.3%	9.4%	16.6%	20.8%	24.5%	17.9%	7.3%	4.1%
Person has substance abuse problem	<b>10.0%</b>	—	10.5%	11.2%	18.8%	13.4%	10.7%	3.9%	—	—
Current depressed mood	<b>34.8%</b>	17.4%	37.3%	31.3%	29.0%	33.8%	35.5%	38.9%	37.1%	40.5%
Current mental health problem	<b>49.3%</b>	34.8%	44.4%	39.9%	46.3%	47.9%	57.1%	55.5%	42.0%	44.1%
Currently in treatment for mental health problem	<b>34.1%</b>	30.4%	33.3%	21.9%	30.4%	31.8%	42.0%	38.9%	28.8%	32.3%
History of ever being in treatment for mental health problem	<b>35.7%</b>	21.7%	41.2%	28.3%	33.7%	33.8%	41.7%	39.5%	28.8%	30.0%
Experienced crisis within two weeks of suicide	<b>20.9%</b>	34.8%	22.2%	26.2%	25.7%	24.7%	18.5%	14.0%	17.6%	18.2%
Death of family member or friend within five years	<b>6.0%</b>	—	5.2%	3.4%	3.1%	4.9%	6.5%	7.3%	6.3%	13.2%
Suicide of family member or friend within five years	<b>1.1%</b>	0.0%	—	1.7%	—	0.7%	1.2%	1.7%	—	—
Legal (non-criminal) problems	<b>2.7%</b>	—	0.0%	2.6%	3.5%	4.4%	2.5%	3.2%	—	0.0%
Criminal legal problems	<b>6.7%</b>	—	4.6%	11.2%	11.3%	8.6%	5.9%	5.0%	—	0.0%
Physical health problems	<b>18.7%</b>	0.0%	2.6%	4.3%	4.2%	7.6%	17.5%	28.5%	44.9%	65.5%
Financial problems	<b>13.6%</b>	—	—	4.3%	9.8%	16.1%	17.7%	23.1%	12.7%	2.7%
Job/Employment problems	<b>15.1%</b>	0.0%	4.6%	10.3%	16.4%	15.6%	22.6%	19.4%	6.8%	—
School problems	<b>1.3%</b>	21.7%	11.8%	3.9%	0.9%	—	—	0.0%	0.0%	0.0%
Person left a suicide note	<b>35.0%</b>	21.7%	39.2%	32.2%	31.9%	33.3%	36.5%	38.2%	34.1%	36.4%
Victim had history of attempting suicide	<b>20.3%</b>	21.7%	23.5%	21.0%	23.1%	21.5%	21.1%	20.3%	14.1%	12.3%
Victim disclosed to another person their intention to commit suicide	<b>25.5%</b>	26.1%	30.1%	17.6%	29.9%	25.0%	22.8%	24.6%	24.4%	34.1%
Problems with current or former intimate partner	<b>25.1%</b>	—	26.8%	27.9%	39.2%	34.7%	24.6%	16.2%	8.3%	3.2%
Other relationship problem with family member/friend/associate	<b>7.5%</b>	39.1%	26.1%	9.0%	6.4%	6.1%	6.8%	6.5%	3.9%	3.2%

\* Categories with less than four subjects have been suppressed due to instability.

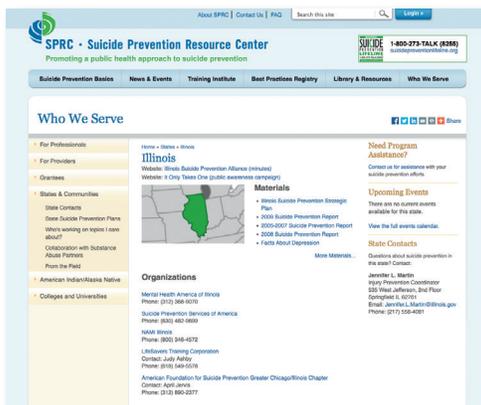
## National Suicide Prevention Lifeline



No matter what problems you are dealing with, we want to help you find a reason to keep living. By calling **1-800-273-TALK (8255)** you'll be connected to a skilled, trained counselor at a crisis center in your area, anytime 24/7.

[suicidepreventionlifeline.org](http://suicidepreventionlifeline.org)

## Suicide Prevention Resource Center: Illinois



Promoting a public health approach to suicide prevention

[sprc.org/states/illinois](http://sprc.org/states/illinois)

## It Only Takes One



Suicide prevention in Illinois — Public awareness campaign

[itonlytakesone.org/resource/](http://itonlytakesone.org/resource/)

### TECHNICAL NOTES

The Illinois Violent Death Reporting System (IVDRS) is a project of the Child Health Data Lab at the Stanley Manne Children's Research Institute at Ann & Robert H. Lurie Children's Hospital of Chicago. It is based on the National Violent Death Reporting System (NVDRS), which was developed by the Centers for Disease Control and Prevention (CDC) and uses NVDRS software and protocols. IVDRS seeks to help researchers and policymakers determine the circumstances and risk factors associated with homicide, suicide and other violent deaths by linking timely data from multiple sources. In Illinois, we collect this information in Cook, DuPage, Kane, Lake, McHenry and Peoria counties. We gratefully acknowledge the assistance of our data-providing agencies including the Cook County Medical Examiner, the County Coroners at DuPage, Kane, Lake, McHenry and Peoria, the Illinois Department of Public Health and the Chicago Police Department. For additional information on NVDRS, see [cdc.gov/ViolencePrevention/NVDRS](http://cdc.gov/ViolencePrevention/NVDRS).

### What is a violent death?

CDC establishes standards for all of the state-level Violent Death Reporting Systems, such as the one in Illinois. The CDC defines violent death as homicide, suicide, unintentional firearm death, death from legal intervention, death related to terrorism and death from undetermined causes. Cook County (which includes the City of Chicago) is the source of the majority of IVDRS data; the data cannot be understood as representative of Illinois as a whole.

### CONTACT INFORMATION

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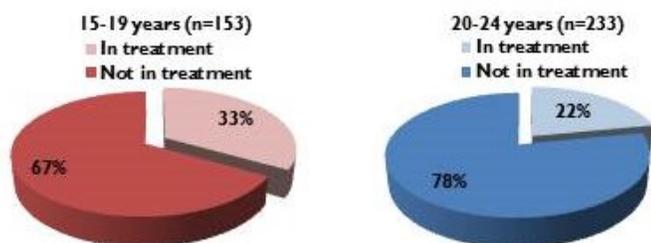
## CIRCUMSTANCES SURROUNDING ADOLESCENT AND YOUNG ADULT SUICIDE AMONG THOSE NOT RECEIVING MENTAL HEALTH TREATMENT AT TIME OF DEATH

**S**uicide is the third-leading cause of death among Illinois adolescents and young adults aged 15 to 24 (WISQARS, CDC, 2010). The Illinois Violent Death Reporting System (IVDRS) was developed to help prevent these deaths by providing policy makers with timely, complete data, which includes the circumstances surrounding each suicide.

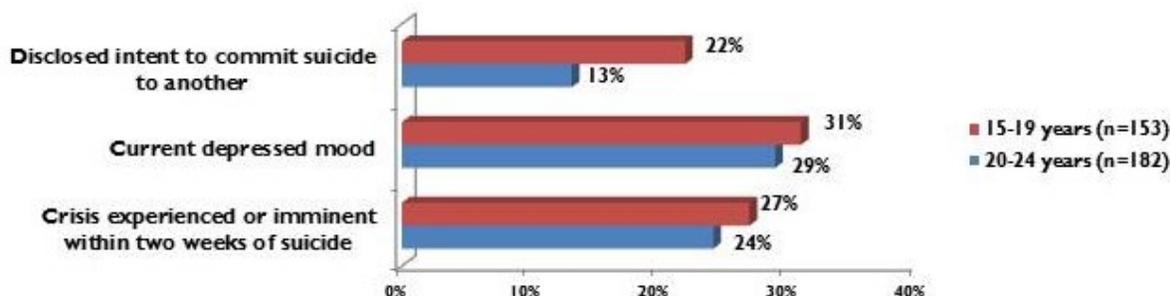
This IVDRS Data Brief seeks to examine the factors associated with suicide among those adolescents and young adults NOT receiving mental health treatment at the time of the victim's death. It is hoped that this information will inform efforts to identify and assist in who might be in need of mental health treatment, with the ultimate hope of preventing suicide.

Data were collected from five Illinois counties—Cook, DuPage, Kane, McHenry and Peoria—from 2005 to 2010. Information about how suicide varies by demographics and weapon types/methods used is presented in a previous Data Brief (*Examining Suicides in Illinois, 2005-08*, IVDRS, December 2011). Information about how circumstances surrounding suicide varies among all age groups is also presented in a previous Data Brief (*Circumstances Surrounding Suicide by Age Group*, IVDRS, September 2014).

**Figures 1 and 2. The percent of suicide victims who were in/not in treatment for mental health problem (s) during the previous two months, by age group, IVDRS, 2005-2010**



**Figure 3. The percent of suicide victims who were NOT in treatment for mental health problem (s) during the previous two months, by circumstances documented as being present and age group, IVDRS, 2005-2010**



### THE BOTTOM LINE

**These data can be used to help raise awareness of the signs of mental health crisis in adolescents and young adults. Share this information with parents, teachers and others involved with adolescents and young adults.**

**Resources are available for those who need mental health treatment—please see included list for information on where to get help**

Overall, 67% of 15 to 19 year-olds and 78% of 20 to 24 year-olds were NOT receiving mental health treatment at the time of death.

Twenty-two percent of 15 to 19 year-old suicide victims not receiving mental health treatment at the time of their deaths had disclosed their intent to commit suicide to another, while only half that amount of 20 to 24 year-olds.

Among 15 to 19 year-olds, as well as 20 to 24 year-olds, nearly one-third of suicide victims who were not receiving mental health treatment at the time of their deaths were identified as being depressed or in a depressed mood (not necessarily a clinical diagnosis).

“Crisis” is defined as a very current, acute precipitating event which appears to have contributed to the suicide. Among 15 to 19 year-old and 20 to 24 year-old suicide victims who were not receiving mental health treatment at the time of their death, approximately one-quarter had experienced a crisis within the previous two weeks, or a crisis was imminent (within two weeks) of the victim's death.

# RESOURCES

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## Suicide Prevention Resource Center: Illinois



You Matter was created to let people know that suicide is preventable.

You Matter in good and tough times. We all matter.

[youmatter.suicidepreventionlifeline.org](http://youmatter.suicidepreventionlifeline.org)

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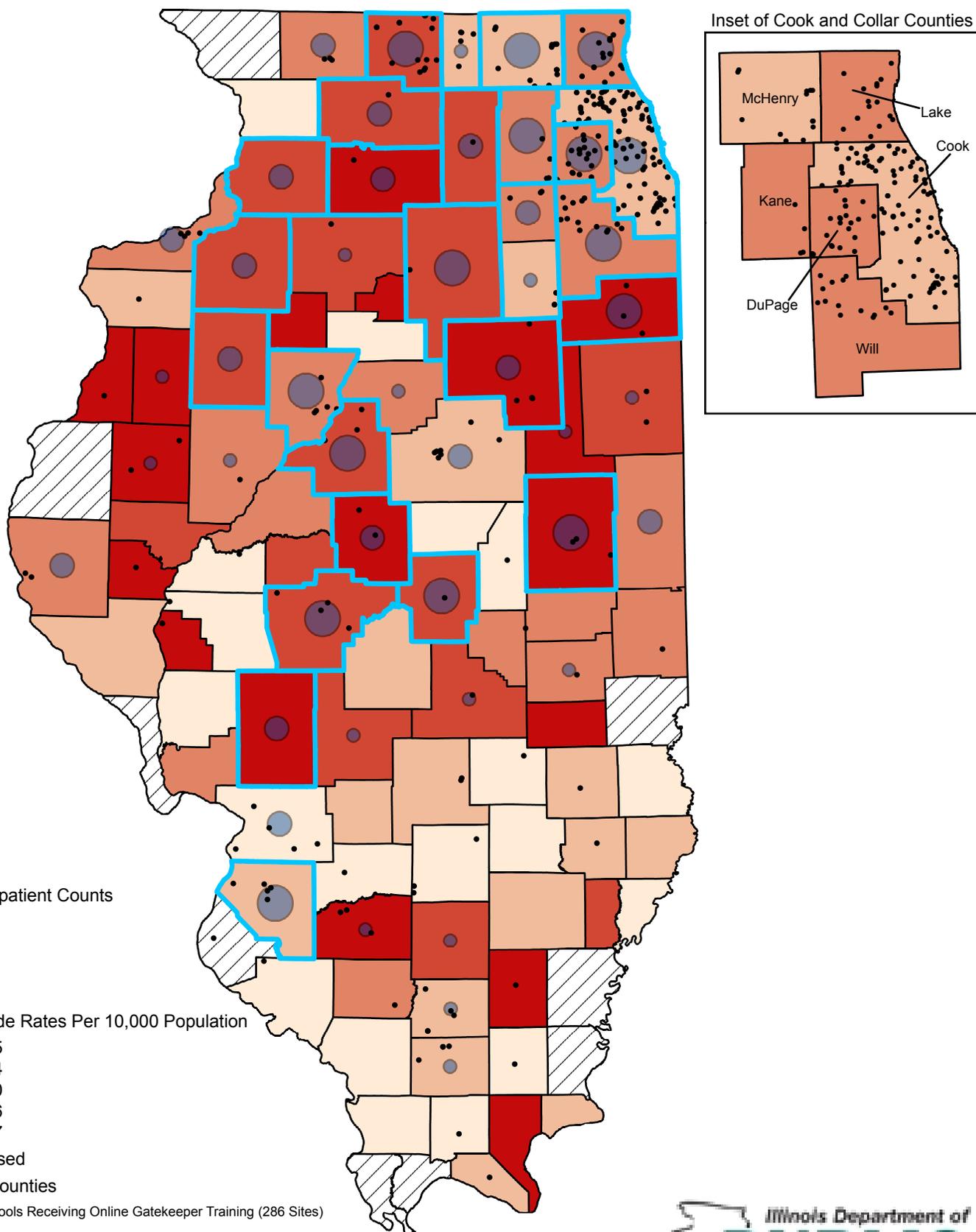
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# Youth Inpatient and Outpatient Self Inflicted Injury Counts, Ages 12 to 14, and Age-Specific Crude Rates per 10,000 Population, Illinois, 2009-2012



Source: Illinois Hospital Discharge, Illinois Department of Public Health, 2009-2012

Note: Data suppressed for counties without a blue circle

Note: Training sites are current as of November, 2013

Note: Online gatekeeper training is funded through a grant from the Substance Abuse and Mental Health Services Administration and the grant is administered by the Illinois Department of Public Health

Note: High risk counties include counties with high to moderately high counts and high to moderately high rates



Young Adult Inpatient and Outpatient Self Inflicted Injury Counts, Ages 12 to 14, and  
Age-Specific Crude Rates per 10,000 Population, Illinois, 2009-2012

County	Number of Inpatients and Outpatients	Age-Spec Crude Rate per 10,000 Pop
Adams	24	91.29
Alexander	0	-
Bond	*	49.42
Brown	*	186.34
Bureau	13	96.37
Calhoun	0	-
Carroll	*	34.13
Cass	*	17.73
Champaign	86	141.54
Christian	*	68.44
Clark	0	-
Clay	*	37.74
Clinton	*	13.50
Coles	15	93.11
Cook	1107	55.17
Crawford	*	40.98
Cumberland	*	171.57
DeKalb	37	98.04
De Witt	*	45.05
Douglas	*	81.11
DuPage	343	87.95
Edgar	*	82.76
Edwards	*	112.36
Effingham	*	41.12
Fayette	*	58.41
Ford	10	160.51
Franklin	10	63.82
Fulton	12	90.84
Gallatin	0	-
Greene	*	18.59
Grundy	14	61.86
Hamilton	*	160.77
Hancock	0	-
Hardin	*	61.35
Henderson	*	151.52
Henry	26	129.10
Iroquois	15	122.35
Jackson	*	40.82
Jasper	*	55.25
Jefferson	16	116.45
Jersey	*	77.52
Jo Daviess	0	-
Johnson	*	43.76
Kane	216	85.69
Kankakee	75	155.50
Kendall	47	77.84
Knox	24	133.33
Lake	270	80.65
La Salle	59	128.37
Lawrence	*	57.14
Lee	23	188.83
Livingston	34	225.76
Logan	17	177.27
McDonough	12	140.35
McHenry	87	57.89
McLean	46	74.64
Macon	55	132.37
Macoupin	38	205.29
Madison	42	41.28
Marion	*	39.97
Marshall	*	22.47
Mason	*	84.60
Massac	*	68.26
Menard	*	100.00
Mercer	*	73.64
Monroe	*	*
Montgomery	12	116.39
Morgan	*	40.36

County	Number of Inpatients and Outpatients	Age-Spec Crude Rate per 10,000 Pop
Moultrie	*	80.78
Ogle	31	133.56
Peoria	69	95.00
Perry	*	90.09
Piatt	*	30.03
Pike	*	46.51
Pope	*	212.77
Pulaski	0	-
Putnam	*	432.69
Randolph	*	18.37
Richland	*	50.51
Rock Island	51	91.33
St. Clair	59	52.51
Saline	*	20.90
Sangamon	95	119.68
Schuyler	*	112.78
Scott	*	340.43
Shelby	11	127.76
Stark	*	190.84
Stephenson	17	95.40
Tazewell	59	111.11
Union	*	31.50
Vermilion	30	90.91
Wabash	*	23.20
Warren	14	206.49
Washington	12	230.77
Wayne	*	62.40
White	0	-
Whiteside	32	133.33
Will	318	92.74
Williamson	15	62.11
Winnebago	137	110.28
Woodford	15	87.36

Source: Illinois Hospital Discharge, Illinois Department of Public Health, 2009-2012

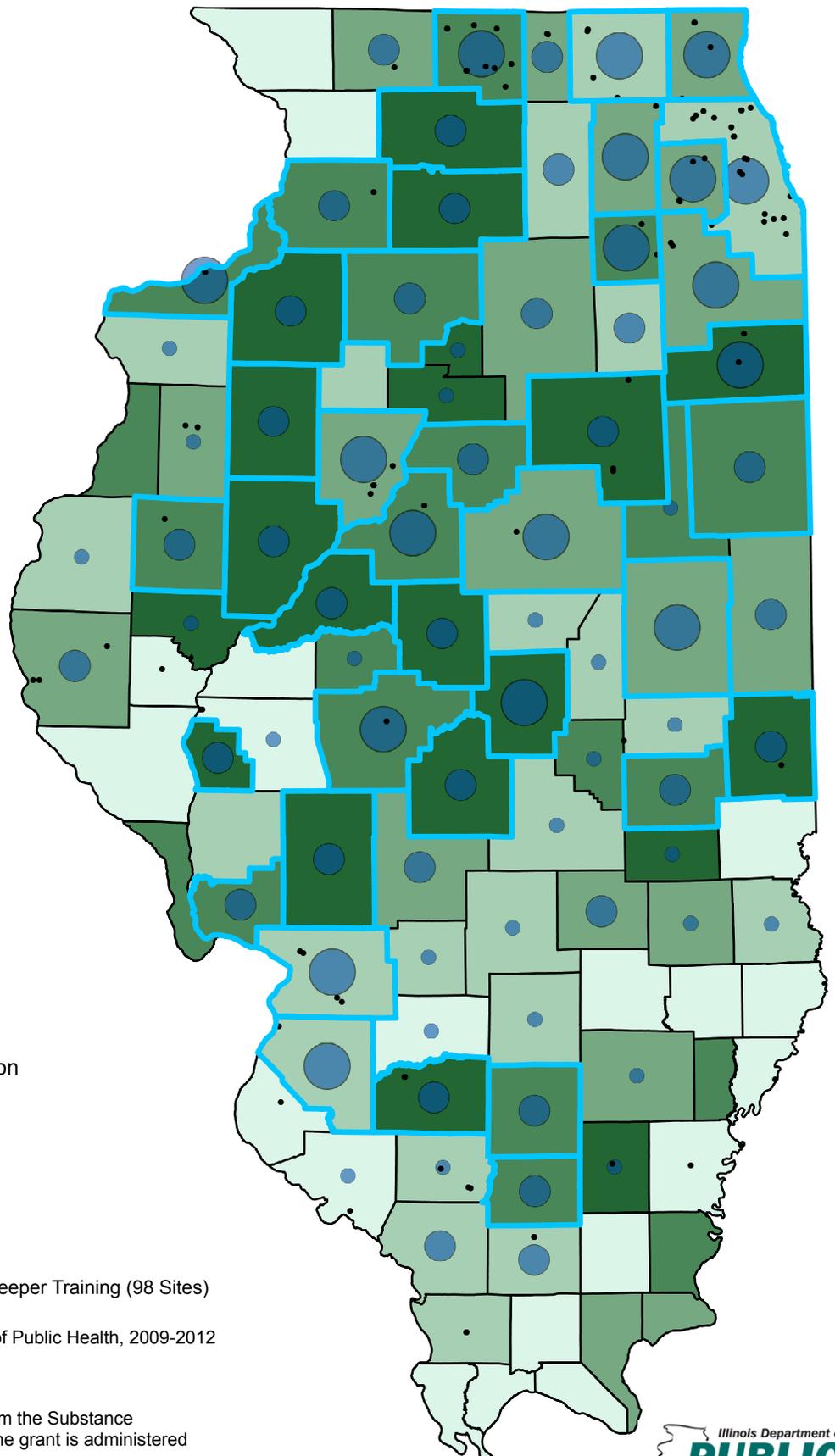
Note: \*Data suppressed for counties with less than 10 cases and in counties with rates below 10 cases per 10,000 population.

Note: Self inflicted injury includes:

- Poisoning by solid or liquid substances
- Poisoning by gases in domestic use
- Poisoning by other gases and vapors
- Injury by hanging, strangulation, or suffocation
- Injury by submersion (drowning)
- Injury by firearms and explosives
- Injury by cutting and piercing instrument
- Injuries by jumping from high place, and
- Injury by other and unspecified means

# Youth Inpatient and Outpatient Self-Inflicted Injury Counts, Ages 15 to 18, and Age-Specific Crude Rates per 10,000 Population, Illinois, 2009-2012

The map illustrates the burden of self-inflicted injury among youth ages 15 to 18 in Illinois, and shows the current reach of an online gatekeeper training being administered to educate professionals within Illinois high schools on youth suicide. Inpatient and outpatient total counts and age-specific crude rates per 10,000 population are displayed to assist with identifying the highest risk counties (areas with high to moderately high rates and high to moderately high counts).



## Inpatient and Outpatient Counts



## Age-Specific Crude Rates Per 10,000 Population



## High Risk Counties

- Locations of Schools Receiving Online Gatekeeper Training (98 Sites)

Source: Illinois Hospital Discharge, Illinois Department of Public Health, 2009-2012

### Notes:

Data suppressed in counties without a blue circle.

Training sites are current as of November, 2013.

Online gatekeeper training is funded through a grant from the Substance Abuse and Mental Health Services Administration and the grant is administered by the Illinois Department of Public Health.

**Youth Inpatient and Outpatient Self Inflicted Injury Counts, Ages 15 to 18, and  
Age-Specific Crude Rates per 10,000 Population, Illinois, 2009-2012**

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Brown	*	74.91
Bureau	54	298.34
Calhoun	*	262.17
Carroll	*	95.50
Cass	*	78.23
Champaign	233	205.05
Christian	73	411.96
Clark	*	22.50
Clay	*	72.89
Clinton	19	93.73
Coles	73	259.60
Cook	3481	125.77
Crawford	16	168.42
Cumberland	23	380.17
DeKalb	62	101.87
De Witt	11	135.80
Douglas	14	131.83
DuPage	1131	208.55
Edgar	39	428.10
Edwards	*	241.69
Effingham	34	181.82
Fayette	13	116.38
Ford	23	301.84
Franklin	47	230.84
Fulton	64	359.35
Gallatin	*	278.88
Greene	*	119.21
Grundy	49	166.05
Hamilton	15	342.47
Hancock	16	172.60
Hardin	*	199.00
Henderson	*	238.73
Henry	92	317.68
Iroquois	44	255.52
Jackson	34	111.22
Jasper	10	203.25
Jefferson	53	279.98
Jersey	29	228.71
Jo Daviess	*	36.43
Johnson	*	34.54
Kane	608	188.67
Kankakee	270	414.56
Kendall	166	230.56
Knox	79	309.93
Lake	811	178.62
La Salle	123	205.89
Lawrence	*	93.83
Lee	56	312.85
Livingston	116	577.40
Logan	69	464.02
McDonough	37	232.27
McHenry	343	172.89
McLean	187	193.02
Macon	185	324.39
Macoupin	86	349.17
Madison	150	109.95
Marion	24	117.42
Marshall	24	358.21
Mason	26	334.19
Massac	*	40.16
Menard	21	285.71
Mercer	13	157.96
Monroe	*	16.01
Montgomery	26	174.50
Morgan	16	85.29

County	Number of Inpatients and Outpatients	Age-Spec Crude Rate per 10,000 Pop
Moultrie	21	258.30
Ogle	118	379.54
Peoria	224	220.89
Perry	16	151.95
Piatt	13	132.25
Pike	*	73.35
Pope	*	183.82
Pulaski	*	66.45
Putnam	17	596.49
Randolph	14	95.04
Richland	*	50.96
Rock Island	188	259.35
St. Clair	208	136.71
Saline	*	49.02
Sangamon	310	303.09
Schuyler	15	416.67
Scott	34	1209.96
Shelby	19	157.28
Stark	*	121.21
Stephenson	48	198.68
Tazewell	158	229.02
Union	*	96.85
Vermilion	86	195.37
Wabash	*	52.36
Warren	20	198.02
Washington	61	817.69
Wayne	17	208.85
White	*	76.45
Whiteside	73	235.48
Will	820	185.03
Williamson	53	169.93
Winnebago	427	265.33
Woodford	62	275.19

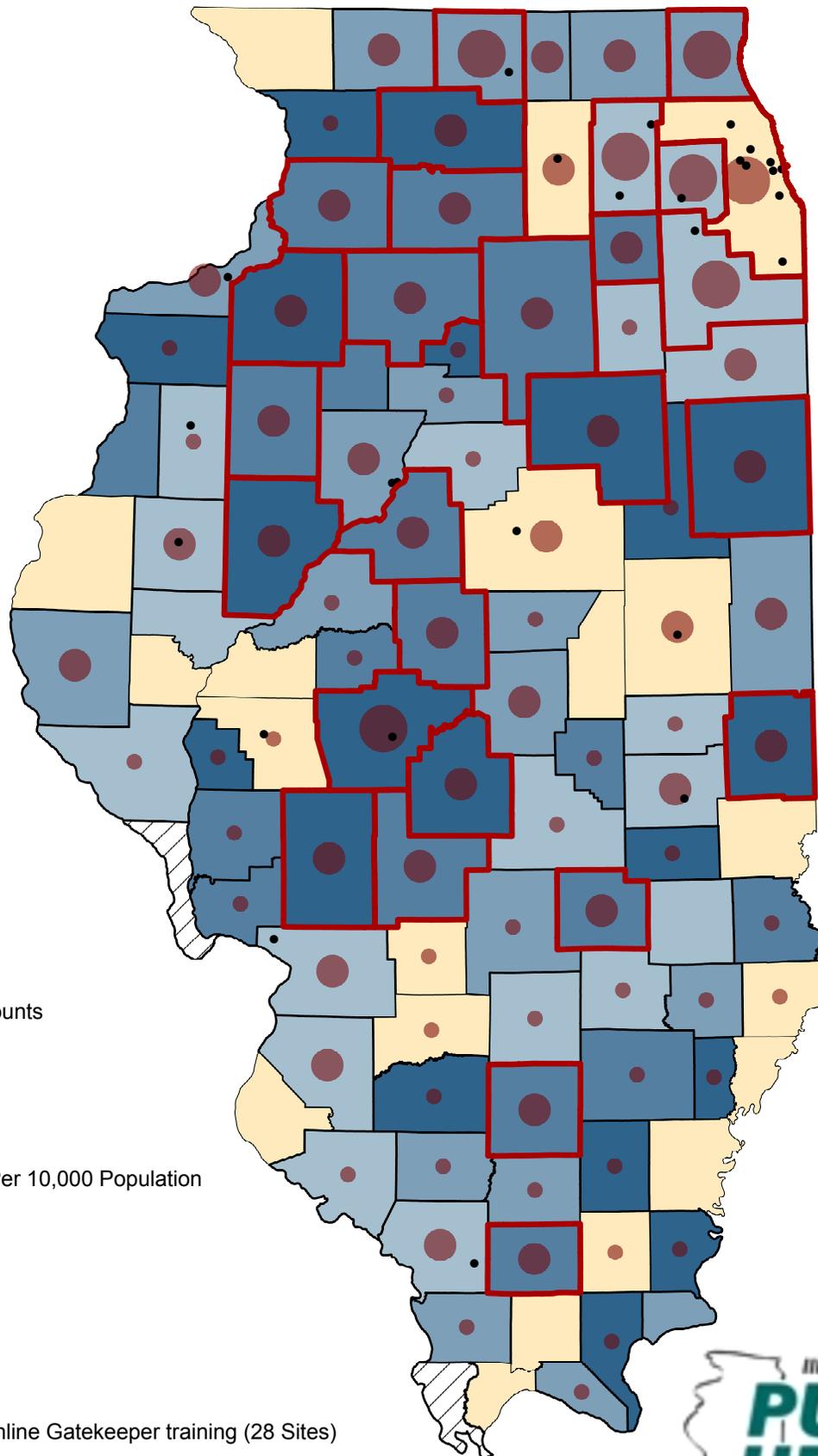
Source: Illinois Hospital Discharge, Illinois Department of Public Health, 2009-2012

Note: \*Data suppressed for counties with less than 10 cases and in counties with rates below 10 cases per 10,000 population.

Note: Self inflicted injury includes:

- Poisoning by solid or liquid substances
- Poisoning by gases in domestic use
- Poisoning by other gases and vapors
- Injury by hanging, strangulation, or suffocation
- Injury by submersion (drowning)
- Injury by firearms and explosives
- Injury by cutting and piercing instrument
- Injuries by jumping from high place, and
- Injury by other and unspecified means

# Young Adult Inpatient and Outpatient Self Inflicted Injury Counts, Ages 19 to 24 and Age-Specific Crude Rates per 10,000 Population, Illinois, 2009-2012



Source: Illinois Hospital Discharge, Illinois Department of Public Health, 2009-2012

Note: Training sites are current as of November, 2013

Note: Data suppressed in counties without a red circle

Note: Online gatekeeper training was funded through a grant from the Substance Abuse and Mental Health Services Administration and the grant is administered by the Illinois Department of Public Health

Note: High risk counties include counties with high to moderately high counts and high to moderately high rates

Prepared by the Division of Chronic Disease Prevention and Control

Young Adult Inpatient and Outpatient Self Inflicted Injury Counts, Ages 19 to 24, and  
Age-Specific Crude Rates per 10,000 Population, Illinois, 2009-2012

County	Number of Inpatients and Outpatients	Age-Spec Crude Rate per 10,000 Pop
Adams	73	142.41
Alexander	0	-
Bond	13	82.86
Brown	*	27.10
Bureau	45	217.08
Calhoun	0	-
Carroll	25	275.33
Cass	*	33.19
Champaign	245	56.42
Christian	55	223.94
Clark	*	57.92
Clay	10	104.71
Clinton	19	68.20
Coles	118	108.70
Cook	3328	75.97
Crawford	26	177.60
Cumberland	22	302.20
DeKalb	90	45.77
De Witt	14	136.85
Douglas	16	117.73
DuPage	767	115.40
Edgar	50	450.05
Edwards	10	245.70
Effingham	42	167.60
Fayette	27	155.44
Ford	19	229.75
Franklin	38	147.80
Fulton	72	283.46
Gallatin	18	512.82
Greene	19	210.88
Grundy	28	83.61
Hamilton	14	286.30
Hancock	*	53.29
Hardin	*	136.99
Henderson	*	213.90
Henry	102	321.26
Iroquois	52	291.32
Jackson	115	83.22
Jasper	*	116.09
Jefferson	48	171.55
Jersey	38	197.40
Jo Daviess	*	66.61
Johnson	*	69.79
Kane	395	105.41
Kankakee	101	100.45
Kendall	119	168.94
Knox	91	201.19
Lake	713	130.68
La Salle	156	193.74
Lawrence	11	79.19
Lee	41	167.35
Livingston	119	418.42
Logan	47	166.73
McDonough	81	100.09
McHenry	274	133.75
McLean	209	75.47
Macon	113	124.53
Macoupin	87	262.36
Madison	213	93.63
Marion	26	93.76
Marshall	11	145.50
Mason	14	158.37
Massac	13	135.84
Menard	13	167.74
Mercer	24	251.84
Monroe	*	30.21
Montgomery	42	201.83
Morgan	10	32.12

County	Number of Inpatients and Outpatients	Age-Spec Crude Rate per 10,000 Pop
Moultrie	18	192.93
Ogle	103	293.20
Peoria	260	159.01
Perry	26	131.65
Piatt	*	82.56
Pike	10	95.42
Pope	10	263.85
Pulaski	*	23.81
Putnam	13	353.26
Randolph	25	106.56
Richland	15	134.53
Rock Island	185	159.95
St. Clair	249	116.40
Saline	11	59.62
Sangamon	318	219.80
Schuyler	*	110.86
Scott	31	990.42
Shelby	12	87.08
Stark	*	218.07
Stephenson	49	154.62
Tazewell	173	196.99
Union	20	157.85
Vermilion	92	162.92
Wabash	*	45.66
Warren	17	91.06
Washington	30	303.64
Wayne	18	171.59
White	*	69.20
Whiteside	74	188.10
Will	488	99.57
Williamson	77	162.93
Winnebago	312	146.92
Woodford	32	112.83

Source: Illinois Hospital Discharge, Illinois Department of Public Health, 2009-2012

Note: \*Data suppressed for counties with less than 10 cases and in counties with rates below 10 cases per 10,000 population.

Note: Self inflicted injury includes:

- Poisoning by solid or liquid substances
- Poisoning by gases in domestic use
- Poisoning by other gases and vapors
- Injury by hanging, strangulation, or suffocation
- Injury by submersion (drowning)
- Injury by firearms and explosives
- Injury by cutting and piercing instrument
- Injuries by jumping from high place, and
- Injury by other and unspecified means

Youth and Young Adult Inpatient and Outpatient Self Inflicted Injury Counts and Age-Specific  
Crude Rates per 10,000 Population, Illinois, 2009-2012

County	<u>Middle School (Ages 12-14)</u>		<u>High School (Ages 15-18)</u>		<u>Higher Education (Ages 19-24)</u>	
	Number of Inpatients and Outpatients	Age-Spec Crude Rate per 10,000 Pop	Number of Inpatients and Outpatients	Age-Spec Crude Rate Per 10,000 Pop	Number of Inpatients and Outpatients	Age-Spec Crude Rate Per 10,000 Pop
Adams	24	91.29	63	186.61	73	142.41
Alexander	0	-	*	56.98	0	-
Bond	*	49.42	13	149.77	13	82.86
Brown	*	186.34	*	74.91	*	27.10
Bureau	13	96.37	54	298.34	45	217.08
Calhoun	0	-	*	262.17	0	-
Carroll	*	34.13	*	95.50	25	275.33
Cass	*	17.73	*	78.23	*	33.19
Champaign	86	141.54	233	205.05	245	56.42
Christian	*	68.44	73	411.96	55	223.94
Clark	0	-	*	22.50	*	57.92
Clay	*	37.74	*	72.89	10	104.71
Clinton	*	13.50	19	93.73	19	68.20
Coles	15	93.11	73	259.60	118	108.70
Cook	1107	55.17	3481	125.77	3328	75.97
Crawford	*	40.98	16	168.42	26	177.60
Cumberland	*	171.57	23	380.17	22	302.20
DeKalb	37	98.04	62	101.87	90	45.77
De Witt	*	45.05	11	135.80	14	136.85
Douglas	*	81.11	14	131.83	16	117.73
DuPage	343	87.95	1131	208.55	767	115.40
Edgar	*	82.76	39	428.10	50	450.05
Edwards	*	112.36	*	241.69	10	245.70
Effingham	*	41.12	34	181.82	42	167.60
Fayette	*	58.41	13	116.38	27	155.44
Ford	10	160.51	23	301.84	19	229.75
Franklin	10	63.82	47	230.84	38	147.80
Fulton	12	90.84	64	359.35	72	283.46
Gallatin	0	-	*	278.88	18	512.82
Greene	*	18.59	*	119.21	19	210.88
Grundy	14	61.86	49	166.05	28	83.61
Hamilton	*	160.77	15	342.47	14	286.30
Hancock	0	-	16	172.60	*	53.29
Hardin	*	61.35	*	199.00	*	136.99
Henderson	*	151.52	*	238.73	*	213.90
Henry	26	129.10	92	317.68	102	321.26
Iroquois	15	122.35	44	255.52	52	291.32
Jackson	*	40.82	34	111.22	115	83.22
Jasper	*	55.25	10	203.25	*	116.09
Jefferson	16	116.45	53	279.98	48	171.55
Jersey	*	77.52	29	228.71	38	197.40
Jo Daviess	0	-	*	36.43	*	66.61
Johnson	*	43.76	*	34.54	*	69.79
Kane	216	85.69	608	188.67	395	105.41
Kankakee	75	155.50	270	414.56	101	100.45
Kendall	47	77.84	166	230.56	119	168.94
Knox	24	133.33	79	309.93	91	201.19
Lake	270	80.65	811	178.62	713	130.68
La Salle	59	128.37	123	205.89	156	193.74
Lawrence	*	57.14	*	93.83	11	79.19
Lee	23	188.83	56	312.85	41	167.35
Livingston	34	225.76	116	577.40	119	418.42

**Middle School (Ages 12-14)****High School (Ages 15-18)****Higher Education (Ages 19-24)**

County	Number of Inpatients and Outpatients	Age-Spec Crude Rate per 10,000 Pop	Number of Inpatients and Outpatients	Age-Spec Crude Rate Per 10,000 Pop	Number of Inpatients and Outpatients	Age-Spec Crude Rate Per 10,000 Pop
Logan	17	177.27	69	464.02	47	166.73
McDonough	12	140.35	37	232.27	81	100.09
McHenry	87	57.89	343	172.89	274	133.75
McLean	46	74.64	187	193.02	209	75.47
Macon	55	132.37	185	324.39	113	124.53
Macoupin	38	205.29	86	349.17	87	262.36
Madison	42	41.28	150	109.95	213	93.63
Marion	*	39.97	24	117.42	26	93.76
Marshall	*	22.47	24	358.21	11	145.50
Mason	*	84.60	26	334.19	14	158.37
Massac	*	68.26	*	40.16	13	135.84
Menard	*	100.00	21	285.71	13	167.74
Mercer	*	73.64	13	157.96	24	251.84
Monroe	*	*	*	16.01	*	30.21
Montgomery	12	116.39	26	174.50	42	201.83
Morgan	*	40.36	16	85.29	10	32.12
Moultrie	*	80.78	21	258.30	18	192.93
Ogle	31	133.56	118	379.54	103	293.20
Peoria	69	95.00	224	220.89	260	159.01
Perry	*	90.09	16	151.95	26	131.65
Piatt	*	30.03	13	132.25	*	82.56
Pike	*	46.51	*	73.35	10	95.42
Pope	*	212.77	*	183.82	10	263.85
Pulaski	0	-	*	66.45	*	23.81
Putnam	*	432.69	17	596.49	13	353.26
Randolph	*	18.37	14	95.04	25	106.56
Richland	*	50.51	*	50.96	15	134.53
Rock Island	51	91.33	188	259.35	185	159.95
St. Clair	59	52.51	208	136.71	249	116.40
Saline	*	20.90	*	49.02	11	59.62
Sangamon	95	119.68	310	303.09	318	219.80
Schuyler	*	112.78	15	416.67	*	110.86
Scott	*	340.43	34	1209.96	31	990.42
Shelby	11	127.76	19	157.28	12	87.08
Stark	*	190.84	*	121.21	*	218.07
Stephenson	17	95.40	48	198.68	49	154.62
Tazewell	59	111.11	158	229.02	173	196.99
Union	*	31.50	*	96.85	20	157.85
Vermilion	30	90.91	86	195.37	92	162.92
Wabash	*	23.20	*	52.36	*	45.66
Warren	14	206.49	20	198.02	17	91.06
Washington	12	230.77	61	817.69	30	303.64
Wayne	*	62.40	17	208.85	18	171.59
White	0	-	*	76.45	*	69.20
Whiteside	32	133.33	73	235.48	74	188.10
Will	318	92.74	820	185.03	488	99.57
Williamson	15	62.11	53	169.93	77	162.93
Winnebago	137	110.28	427	265.33	312	146.92
Woodford	15	87.36	62	275.19	32	112.83

Source: Illinois Hospital Discharge, Illinois Department of Public Health, 2009-2012

Note: \*Data is suppressed for counties with less than 10 cases and in counties with rates below 10 cases per 10,000 population.

Note: Self inflicted injury includes: poisoning by solid or liquid substances; poisoning by gases in domestic use; poisoning by other gases and vapors; injury by hanging, strangulation, or suffocation; injury by submersion (drowning); injury by firearms and explosives, injury by cutting and piercing instrument, injuries by jumping from high place; and injury by other and unspecified means .