Winnebago County
Health Department

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Community Health Status Assessment Data Book

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The Community Health Status Assessment was completed in cooperation with the University of Illinois College of Medicine Rockford – Division of Health Policy and Social Science Research.

Community Health
COLLABORATIVE

Collaborative Members: Boone County Health Department • Mercyhealth • OSF HealthCare • Rockford Regional Health Council • R1 Regional Planning Council • SwedishAmerican Health System • Transform Rockford • United Way of Rock River Valley • University of Illinois College of Medicine Rockford • Winnebago County • Winnebago County Health Department

Community Health Status Assessment Data Book

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Introduction

The Winnebago County Health Department and the University of Illinois College of Medicine Rockford - Division of Health Policy and Social Science Research worked together to conduct the Community Health Status Assessment. Reflecting the Community Health Collaborative's vision, this Assessment includes information for Winnebago County as well as Boone County where available.

Section 1 Demographics

Winnebago and Boone Counties have both experienced population decline throughout recent years. Unemployment has declined overall yet disparities by race/ethnicity remain. Over 80% of households in Winnebago and Boone Counties speak English as the primary language in the home, followed by Spanish. A higher proportion of Winnebago and Boone County residents have a high school level education than Illinois overall; each County has a lower proportion of residents with bachelor or master level college degrees.

Overall population of Winnebago County has declined by almost 7,000, or 2.4%, from 290,994 in 2013 to 284,081 in 2018. Boone County's population has remained relatively stable over the same time period.

Table 1

Annual Population Estimates: Winnebago County and Boone County, 2013-2018				
	Winnebago County		Boone County	
Year	Population	% Change	Population	% Change
2013	290,994	-0.38%	53,767	0.03%
2014	288,775	-0.76%	53,740	-0.05%
2015	287,222	-0.54%	53,606	-0.25%
2016	286,054	-0.41%	53,594	-0.02%
2017	284,740	-0.46%	53,512	-0.15%
2018	284,081	-0.23%	53,577	0.12%

Source: U.S. Census Bureau, Population Division

Table: PEPANNRES - Annual Estimates of the Resident Population: April 1, 2010 to July 1, 2018 [https://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=PEP_2018_PEPANNRES&prodType=table]. Date Accessed: [02/18/2020].

Overall population distribution is 92% urban and 8% rural in Winnebago County; Boone County is 81% urban and 19% rural.

Table 2

Urban and Rural Population: Winnebago County, Boone County, Illinois, and U.S., 2010						
	Winnebago County		Boone County		Illinois	U.S.
Population	n	%	n	%	%	%
Total Population	295,266	100%	54,165	100%	100%	100%
Urban	271,898	92.1%	43,677	80.6%	88.5%	80.7%
Rural	23,368	7.9%	10,488	19.4%	11.5%	19.3%

Source: U.S. Census Bureau, 2010 Census
Table: P2 - Urban and Rural
[https://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=DEC_10_SF1_P2&prodType=table]. Date Accessed: [02/18/2020].

Overall racial distribution in Winnebago County is 80% White with 13% African American. 12% of the population identifies as Hispanic/Latino.

Chart 1

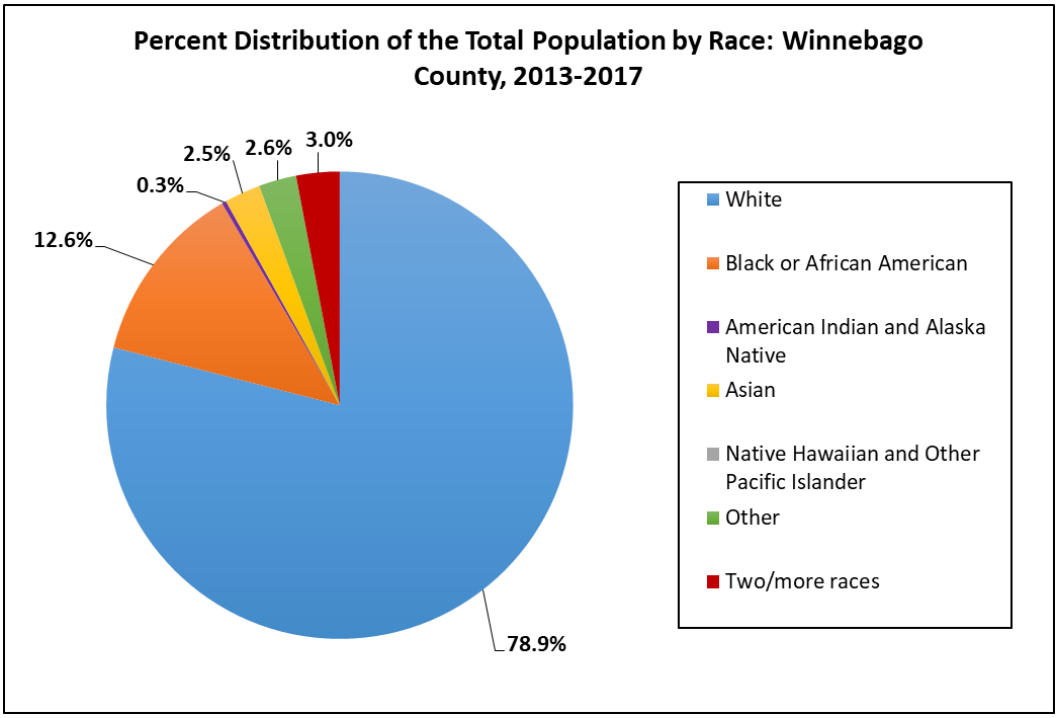
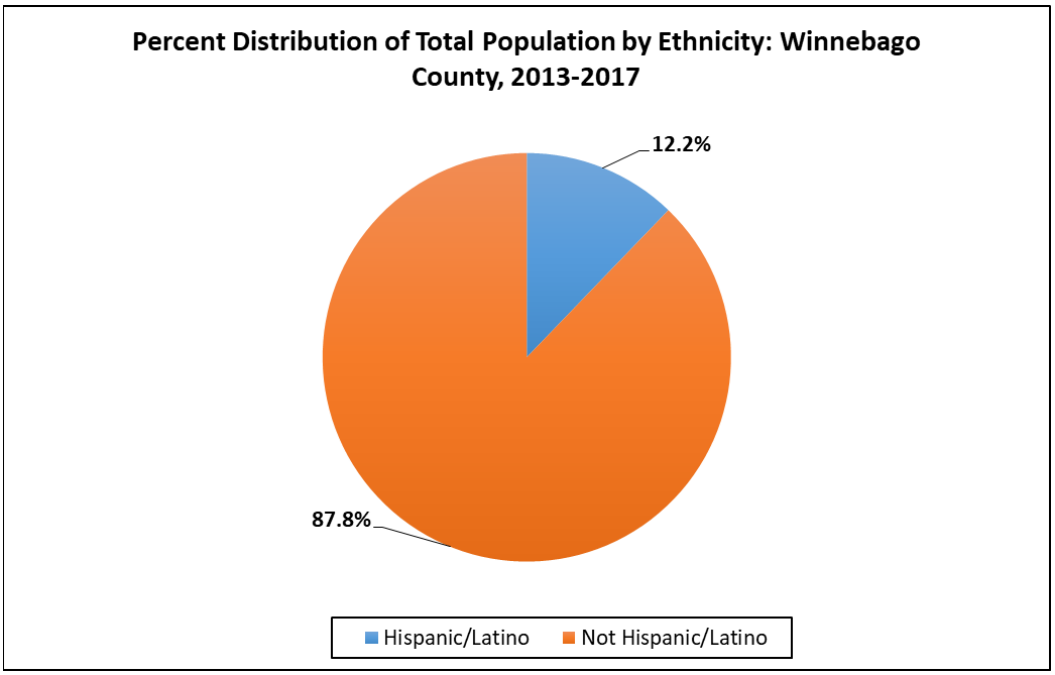


Chart 2



Source: U.S. Census Bureau, 2013-2017 American Community Survey 5-Year Estimates
Table: DP05 - ACS Demographic and Housing Estimates
[https://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=ACS_17_5YR_DP05&prodType=table]. Date Accessed: [02/18/2020].

Life expectancy in Winnebago County is 76.8 years as compared to the Illinois age of 79.3

Table 3

Age-Adjusted Life Expectancy [a] by Race/Ethnicity, 3-Year Average: Winnebago County, Boone County, and Illinois, 2015-2017	
Location	**Age-Adjusted Average Number of Years**
Illinois	79.3
Winnebago County	76.8
White	77.0
Black	71.7
Hispanic	85.8
Boone County	80.2
White	79.6
Black	[b]
Hispanic	88.0

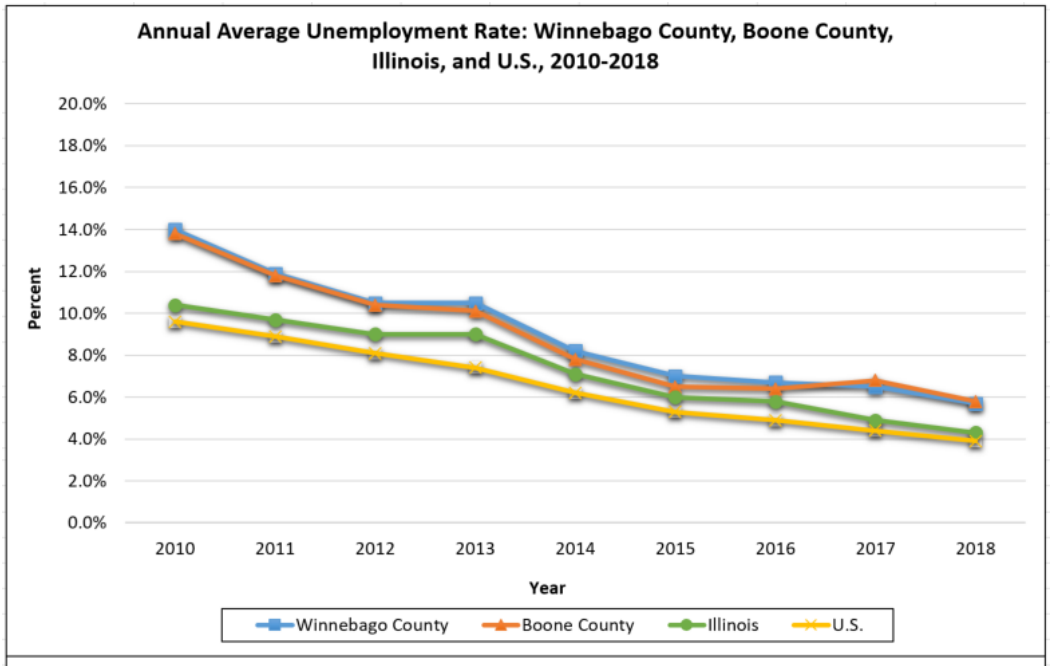
Source: Robert Wood Johnson Foundation. University of Wisconsin Population Health Institute. County Health Rankings & Roadmaps 2019. [https://www.countyhealthrankings.org/app/illinois/2019/rankings/winnebago/county/outcomes/overall/snapshot]. Date Accessed: February 24, 2020.

[a] The average number of years from birth a person can expect to live, according to the current mortality experience (age-specific death rates) of the population. Life Expectancy takes into account the number of deaths in a given time period and the average number of people at risk of dying during that period, allowing us to compare data across counties with different population sizes.

[b] Source provided no data.

The average unemployment rate has declined for Winnebago and Boone Counties steadily since 2010.

Chart 3



Source: Illinois Department of Employment Security, Economic Information and Analysis
Tables: Historical Annual Average data: County, Illinois, and U.S.[http://www.ides.illinois.gov/LMI/Pages/Local_Area_Unemployment_Statistics.aspx]. Date

Employment status for Winnebago and Boone Counties are comparable to State of Illinois rates. The employed civilian labor force in Winnebago and Boone Counties are 58.2% and 60.7% as compared to the State at 58.9%. The unemployment rate is higher in Winnebago and Boone, 10.0% and 8.1%, respectively as compared to 6.6% for Illinois.

Table 4

Employment Status Among Those ≥16 Years, 5-Year Estimate: Winnebago County, Boone County, Illinois, and U.S., 2013-2017						
	Winnebago County		Boone County		Illinois	U.S.
Employment Status	n	%	n	%	%	%
Population ≥16 years	227,253	100%	41,261	100%	100%	100%
In labor force	146,963	64.7%	27,309	66.2%	65.3%	63.4%
Civilian labor force[a]	146,914	64.6%	27,254	66.1%	65.2%	63.0%
Employed[b]	132,190	58.2%	25,060	60.7%	60.4%	58.9%
Unemployed[c]	14,724	6.5%	2,194	5.3%	4.8%	4.1%
Armed Forces[e]	49	0.0%	55	0.1%	0.2%	0.4%
Not in labor force[f]	80,290	35.3%	13,952	33.8%	34.7%	36.6%
Unemployment Rate[d] (%)	**N/A**	**10.0%**	**N/A**	**8.1%**	**7.4%**	**6.6%**

Source: U.S. Census Bureau, 2013-2017 American Community Survey 5-Year Estimates

Table: DP03 - Selected Economic Characteristics [https://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=ACS_17_5YR_DP03&prodType=table]. Date Accessed: [02/18/2020].

Note: 'N/A' denotes an entry where the estimate is not applicable or not available.

[a]Civilian Labor Force: All civilians ≥16 years who were either employed or unemployed.

[b]Employed: All civilians ≥16 years who were either working or were with a job but not at work due to a temporary leave of absence during the reference week.

[c]Unemployed: All civilians ≥16 years who were neither at work nor with a job but not at work, were actively looking for work within the last 4 weeks, and were available to accept a job.

[d]Unemployment Rate: The number of unemployed people as a percentage of the civilian labor force.

[e]Armed Forces: All people 16-65 years who are on active duty in the United States Armed Forces.

[f]Not in labor force: All people ≥16 years who are not classified as members of the labor force. The category includes: students, housewives, retired workers, seasonal workers (interviewed during an off season and were not looking for work), institutionalized people, and individuals doing only incidental unpaid family work (<15 hrs. during reference week).

There is a disparity in unemployment rates by race and ethnicity. In Winnebago County, the unemployment rates for White is 7.8% and 23.9% for African American. The unemployment rate for Hispanic/Latino is 10.2%. Similar disparities are seen in Boone County. (See Supplemental Tables for Winnebago County detail)

Manufacturing represents the largest industry in Winnebago County (22.8%), followed closely by Education/Healthcare/Social Assistance (21.7%). The same 2 industries are the leading employers in Boone County as well, at 22.1% and 17.8%, respectively. (See Supplemental Tables for detail).

The major employers in the Rockford MSA are shown in the table below.

Table 5

Major Public and Private Employers in the Rockford MSA: Winnebago County and Boone County, 2018		
Company	**Industry**	**Number of Employees**
Fiat Chrysler Automobiles	Automotive	5,152
Mercyhealth	Healthcare	4,000
Rockford Public Schools	Education	3,713
SwedishAmerican Health System	Healthcare	3,359
OSF Healthcare	Healthcare	2,800
UPS	Parcel Sorting Hub	2,379
Rockwell Collins (formerly UTC Aerospace Systems)	Aerospace Manufacturing	2,200
Woodward	Aerospace Manufacturing	1,900
PCI - Packaging Coordinators Inc	Pharmaceutical Packaging	1,800
Wal-Mart Stores	Retail	1,471
Winnebago County	Government	1,292
Harlem Consolidated Schools	Education	1,100
City of Rockford	Government	1,088
Lowe's	Distribution Center, Retail	900
Belvidere Community Schools	Education	870
Mondelez International	Chewing Gum	850
Magna	Automotive Parts Manufacturing	816
General Mills/Green Giant	Cereal/Snack Bars	675
Taylor Company	Ice Cream Machines	671
Syncreon	Automotive Supplier	600
Alorica	Telemarketing	563

Note: Updated May 2018
Source: Rockford Area Economic Development Council
Table: Largest Employers in the Rockford MSA [https://rockfordil.com/doing-business-here/demographics/employment-data/]. Date Accessed: [02/18/2020].

Median Household Income has increased in Winnebago County over the past 5 years; median income continues to lag the Illinois & national medians.

Table 6

Annual Median[a] Household Income[b], 1-Year Estimate: Winnebago County, Illinois, and U.S., 2013-2017			
Year	**Winnebago County**	**Illinois**	**U.S.**
2013	46,946	56,210	52,250
2014	47,121	57,444	53,657
2015	49,578	59,588	55,775
2016	49,749	60,960	57,617
2017	53,337	62,992	60,336

Source: U.S. Census Bureau, 2013-2017 American Community Survey 1-Year Estimates

Table: DP03 - Selected Economic Characteristics [https://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=ACS_17_1YR_DP03&prodType=table]. Date Accessed: [02/18/2020].

Note: 1-year estimates are not available for Boone County

[a]Median household income: The amount which divides the income distribution into two equal groups, half having incomes above the median, half having incomes below the median.

[b]Household Income: The income of the householder and all other individuals ≥15 years in the household, whether they are related to the householder or not.

Overall, 92.8% of the Winnebago and Boone County residents are insured. In Winnebago County, 65.4% have private insurance and in Boone County 72.9% have private insurance.

Table 7

Health Insurance Coverage, 5-Year Estimate: Winnebago County, Boone County, Illinois, and U.S., 2013-2017						
	Winnebago County		Boone County		Illinois	U.S.
Coverage	n	%	n	%	%	%
Civilian noninstitutionalized population	284,338	100%	53,247	100%	100%	100%
Insured	263,920	92.8%	49,409	92.8%	91.5%	89.5%
With private health insurance[a]	185,973	65.4%	38,809	72.9%	69.3%	67.2%
With public coverage[b]	117,464	41.3%	17,216	32.3%	33.0%	33.8%
Uninsured	20,418	7.2%	3,838	7.2%	8.5%	10.5%

Source: U.S. Census Bureau, 2013-2017 American Community Survey 5-Year Estimates

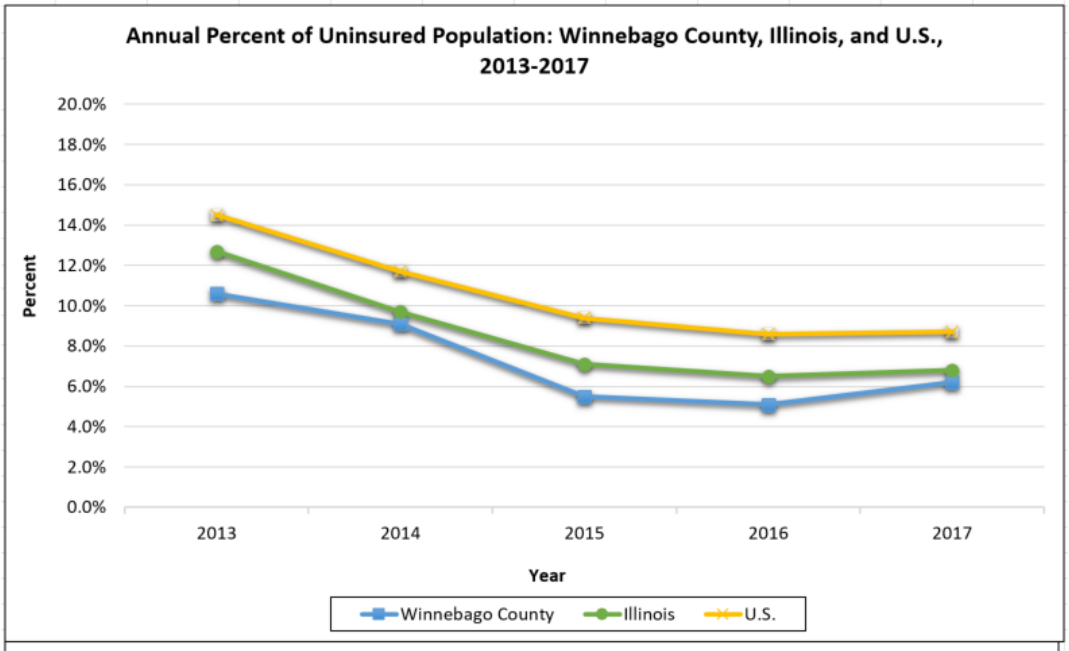
Table: DP03 - Selected Economic Characteristics [https://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=ACS_17_5YR_DP03&prodType=table]. Date Accessed: [02/18/2020].

[a]Private Health Insurance: A plan provided through an employer or union; a plan purchased by an individual from an insurance company; or TRICARE or other military health coverage.

[b]Public Coverage: Includes the federal programs Medicare, Medicaid, and other medical assistance programs, VA Health Care; the Children's Health Insurance Program (CHIP); and individual state health plans.

The percentage of Winnebago County residents who were uninsured declined from 2013-2016, but it increased in 2017.

Chart 4

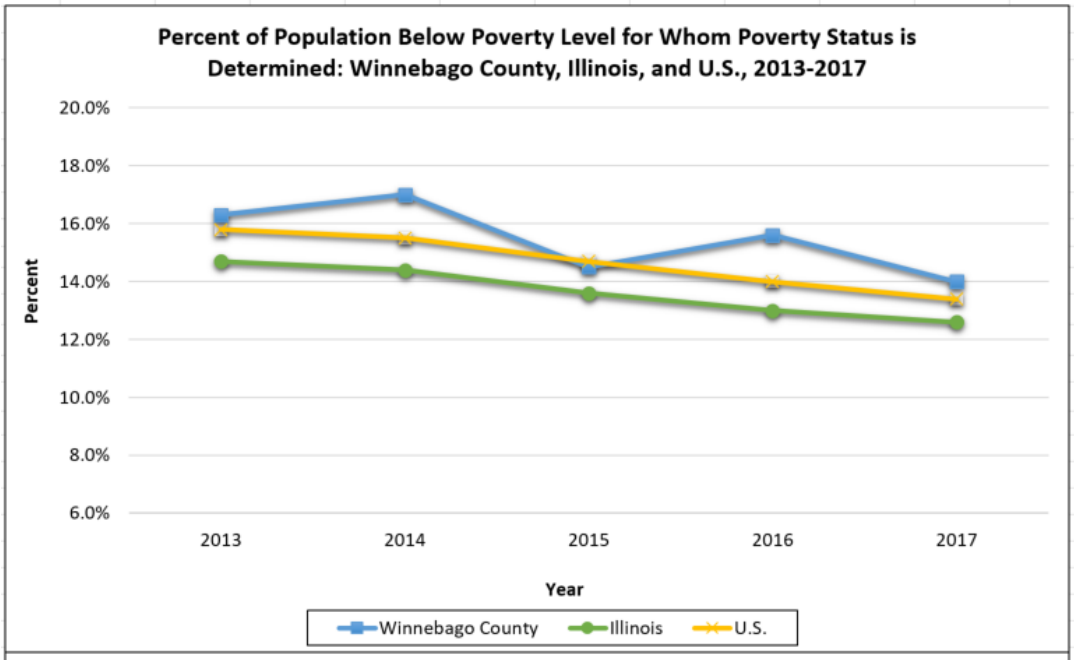


Source: U.S. Census Bureau, 2013-2017 American Community Survey 1-Year Estimates
Table: DP03 - Selected Economic Characteristics
[https://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=ACS_17_1YR_DP03&prodType=table]. Date Accessed: [02/20/2020].
Note: 1-year estimates are not available for Boone County

The uninsured rate varies by race and ethnicity. In Winnebago County 6.1% is uninsured while 8.9% of African Americans and Hispanic/Latino experience a rate of 14.6%. Detailed breakout by income, age, race and ethnicity are available in Supplemental Tables.

Overall the Poverty rate has declined in Winnebago County from 2013-2017.

Chart 5



Source: U.S. Census Bureau, 2013-2017 American Community Survey 1-Year Estimates
Table: S1701 - Poverty Status in the Past 12 Months
[https://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=ACS_17_1YR_S1701&prodType=table]. Date Accessed: [02/20/2020].

Poverty status overall is 15.3% in Winnebago County and 10.6% in Boone; in Illinois the rate is 13.5%. Disparities by race and ethnicity are evident in both Winnebago and Boone County.

- In Winnebago 11.0% of the White population is in poverty and 37.9% of the African American population is in poverty. 22.6% of the Hispanic/Latino population is in poverty.
- Boone County shows 10.5% of White, 17.3% of African American and 17.7% of the Hispanic/Latino population in poverty.

Childhood poverty (Under 18 years) in Winnebago County is 23.4%, 14.9% in Boone County and 18.8% overall in the State of Illinois. (See Supplemental Tables for detail on Winnebago County).

A higher percentage of households in Winnebago County receive SNAP benefits (18.1%) than in Illinois overall (13.3%) SNAP benefits are highest in households where there are no persons over age 60.

Table 8

Characteristics of Households Receiving Food Stamps/SNAP by Select Household Characteristics, 5-Year Estimate: Winnebago County, Illinois, and U.S., 2013-2017			
Characteristics	**Winnebago County**	**Illinois**	**U.S.**
Total Households Receiving Food Stamps/SNAP	18.1%	13.3%	12.6%
With 1/more persons ≥60 years	23.2%	30.2%	30.5%
No persons ≥60 years	76.8%	69.8%	69.5%
Poverty Status			
Below poverty level	48.6%	48.0%	49.4%
At or above poverty level	51.4%	52.0%	50.6%
Disability Status			
With 1/more persons with a disability	41.2%	40.0%	44.7%
No persons with a disability	58.8%	60.0%	55.3%
Household Race			
White	62.1%	52.0%	60.3%
Black or African American	28.7%	34.7%	26.1%
American Indian and Alaska Native	0.9%	0.5%	1.4%
Asian	1.3%	3.0%	2.7%
Native Hawaiian and Other Pacific Islander	0.0%	0.0%	0.2%
Other	3.3%	7.5%	6.3%
Two/more races	3.7%	2.3%	2.9%
Household Ethnicity			
Hispanic/Latino (of any race)	15.4%	18.8%	21.7%
White alone, Not Hispanic/Latino	51.7%	41.7%	46.5%
Median Household Income			
Median income (dollars)	$21,140	$21,527	$20,963
Work Status			
No workers in the family in past 12 months	16.4%	19.7%	21.6%
1 worker in the family in past 12 months	56.5%	48.1%	48.0%
2/more workers in the family in past 12 months	27.1%	32.2%	30.4%

Source: U.S. Census Bureau, 2013-2017 American Community Survey 5-Year Estimates

[https://data.census.gov/cedsci/table?q=table%20s2201&hidePreview=true&tid=ACSST5Y2017.S2201&vintage=2018&g=0500000US17201,17007_0400000US17_0100000US]. Date Accessed: [04/07/2020].

[a]Consists of a householder living alone (1-person household) or where the householder shares the home exclusively with people he/she is not related to.

In both Winnebago and Boone Counties, over 80% of households speak English as the primary language. Spanish is the second-most frequently spoken language in both counties.

Chart 6

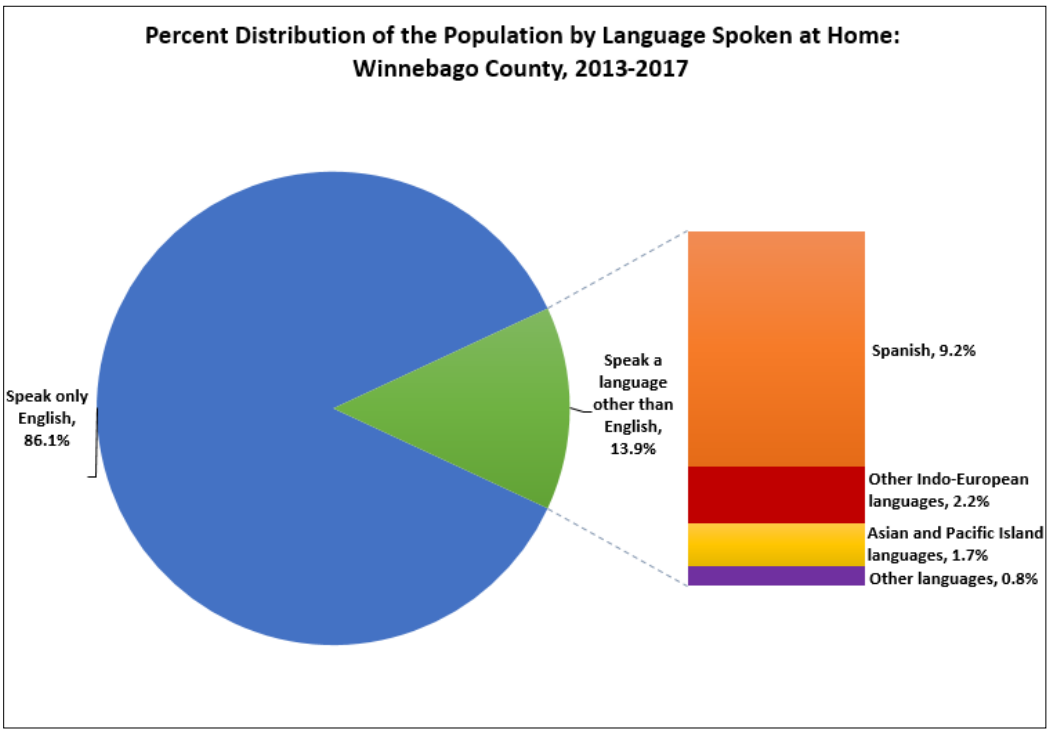
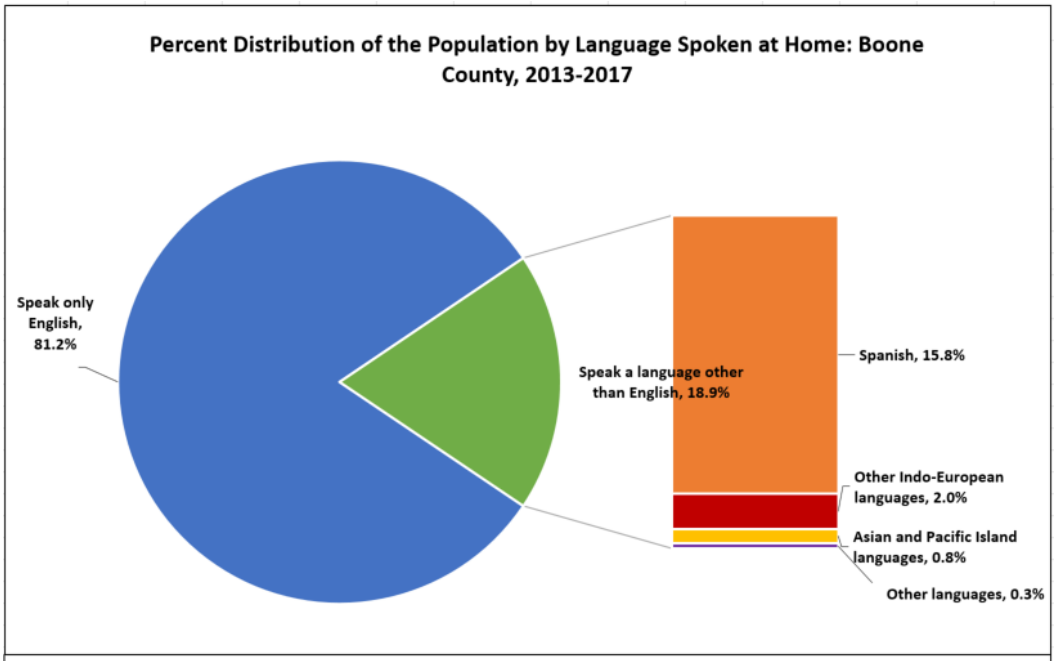


Chart 7



Source: U.S. Census Bureau, 2013-2017 American Community Survey 5-Year Estimates
Table: S1601 - Language Spoken At Home [https://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=ACS_17_5YR_S1601&prodType=table]. Date Accessed: [02/20/2020].

Winnebago County has a 91% occupancy rate, this is comparable to the rate for Illinois. Winnebago County's owner-occupied rate (66.1%) is similar to the overall rate for Illinois and the U.S. Boone County has a higher owner-occupied rate (79.2%)

Table 9

Housing Occupancy Characteristics, 5-Year Estimate: Winnebago County, Boone County, Illinois, and U.S., 2013-2017						
	Winnebago County		Boone County		Illinois	U.S.
Characteristics	n	%	n	%	%	%
Overall: Total Housing Units	125,800	100.0%	20,054	100.0%	100.0%	100.0%
Occupied Units	114,491	91.0%	18,709	93.3%	90.3%	87.8%
Owner-occupied	75,723	66.1%	14,820	79.2%	66.1%	63.8%
Renter-occupied	38,768	33.9%	3,889	20.8%	33.9%	36.2%
Vacant Units	11,309	9.0%	1,345	6.7%	9.7%	12.2%
Vacancy Rate (%)						
Homeowner[a]	2.0%		2.3%		1.9%	1.7%
Rental[b]	5.9%		2.3%		6.4%	6.1%

Source: U.S. Census Bureau, 2013-2017 American Community Survey 5-Year Estimates

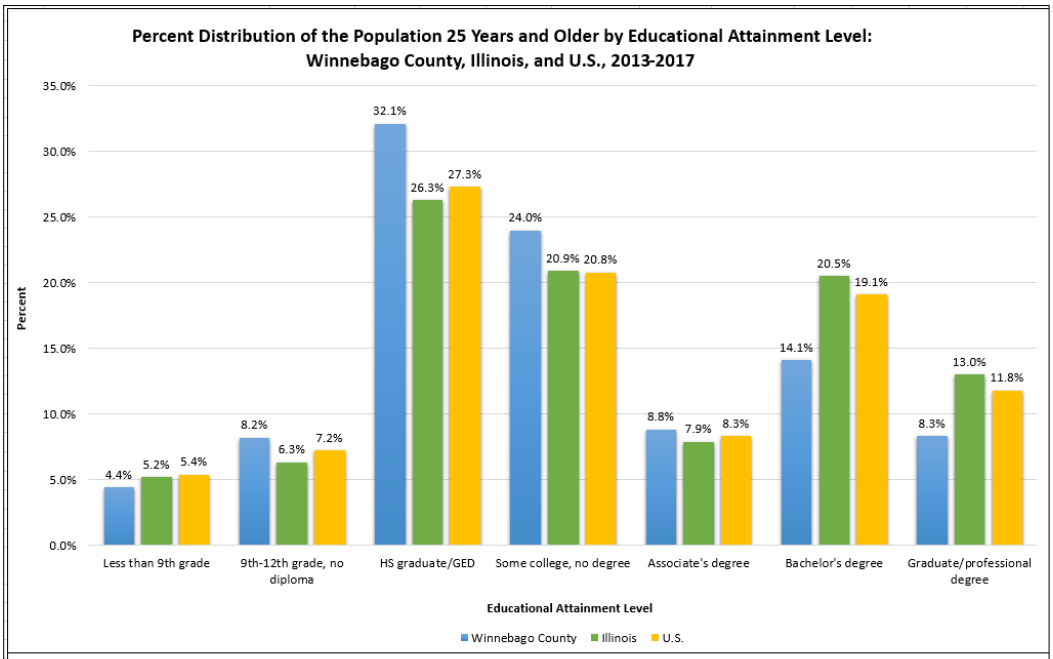
Table: DP04 - Selected Housing Characteristics [https://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=ACS_17_5YR_DP04&prodType=table]. Date Accessed: [02/20/2020].

[a]Homeowner vacancy rate: The proportion of the homeowner housing inventory that is vacant for sale. It is computed by dividing the number of vacant units for sale by the sum of the owner-occupied units and vacant units that are for sale only, and then multiplying by 100.

[b]Rental vacancy rate: The proportion of the rental inventory that is vacant for rent. It is computed by dividing the number of vacant units for rent by the sum of the renter's occupied units and the number of vacant units for rent, and then multiplying by 100.

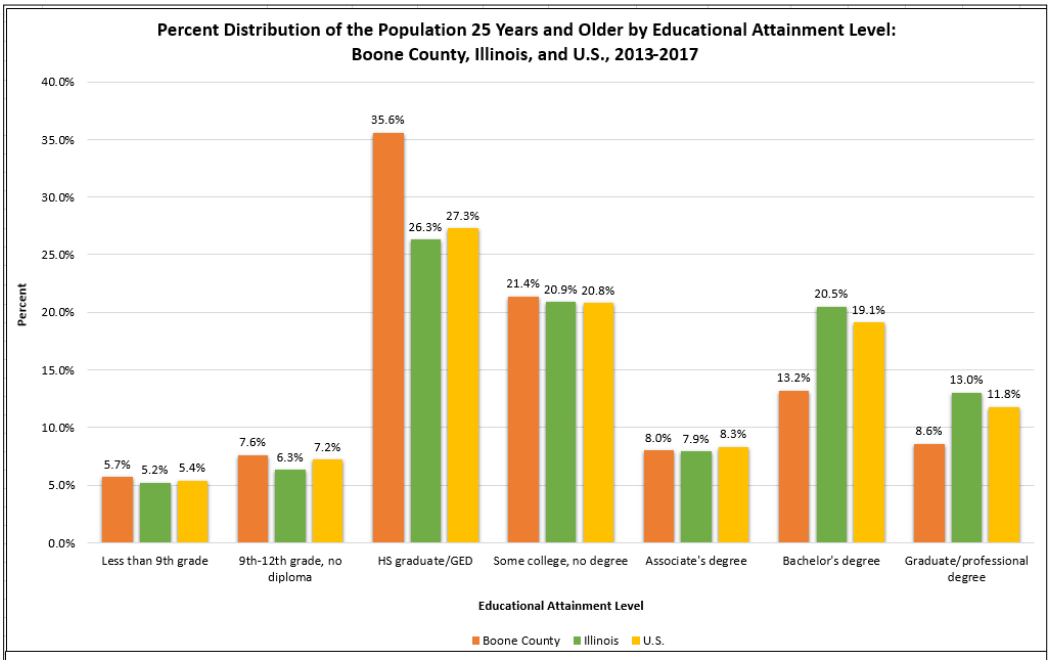
Both Winnebago and Boone County have a higher percentage of the population with a high school diploma than in the State; a lower percentage of the population holds a bachelor's or graduate/professional degree.

Chart 8



Source: U.S. Census Bureau, 2013-2017 American Community Survey 5-Year Estimates
Table: S1501 - Educational Attainment [https://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=ACS_17_5YR_S1501&prodType=table]. Date Accessed: [02/20/2020].

Chart 9



Source: U.S. Census Bureau, 2013-2017 American Community Survey 5-Year Estimates
Table: S1501 - Educational Attainment [https://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=ACS_17_5YR_S1501&prodType=table]. Date Accessed: [02/20/2020].

There has been little change in Educational Attainment levels in recent years.

Table 10

Educational Attainment by Year Among Individuals ≥25 Years Of Age, 1-Year Estimate: Winnebago County, 2013-2017							
Year	Less than 9th grade	9th-12th grade, no diploma	HS graduate	Some college, no degree	Associate's degree	Bachelor's degree	Graduate/ professional degree
2013	4.7%	8.2%	33.3%	23.8%	8.6%	13.8%	7.5%
2014	4.0%	8.3%	31.8%	24.7%	8.4%	14.3%	8.5%
2015	4.5%	8.1%	32.4%	23.8%	8.8%	14.6%	7.8%
2016	3.4%	10.1%	31.1%	25.1%	7.8%	14.2%	8.2%
2017	4.7%	7.3%	32.8%	23.9%	10.0%	13.1%	8.3%

Source: U.S. Census Bureau, 2013-2017 American Community Survey 1-Year Estimates

Table: S1501 - Educational Attainment [https://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=ACS_17_1YR_S1501&prodType=table]. Date Accessed: [02/20/2020].

Note: 1-year estimates are not available for Boone County

There is a disparity in Educational Attainment rates by race and ethnicity. In Winnebago County, the high school graduation rates for White is 89.4% and 80.1% for African American. The graduation rate for Hispanic/Latino is 63.6%. In Winnebago County, the population with a bachelor's or graduate/professional degree for White is 23.7% and 11.5% for African American and 9.6% for Hispanic/Latino. This disparity exists in Boone County for Hispanic individuals but not for African Americans.

Table 11

Race and Ethnicity by Educational Attainment Level, 5-Year Estimate: Winnebago County, Boone County, Illinois, and U.S. 2013-2017								
	High School Graduate/Higher				Bachelor's degree/higher			
Race/Ethnicity	Winnebago County	Boone County	Illinois	U.S.	Winnebago County	Boone County	Illinois	U.S.
White	89.4%	88.1%	90.9%	89.3%	23.7%	21.9%	35.1%	32.2%
Black or African American	80.1%	96.2%	85.7%	84.9%	11.5%	23.7%	20.8%	20.6%
American Indian and Alaska Native	79.0%	100.0%	77.1%	79.7%	13.2%	0.0%	19.4%	14.3%
Asian	80.2%	95.6%	90.9%	86.5%	41.1%	59.9%	64.0%	52.7%
Native Hawaiian and Other Pacific Islander	100.0%	-	87.0%	86.9%	8.5%	-	26.2%	16.9%
Other	59.2%	57.9%	58.3%	61.0%	10.4%	12.5%	9.7%	11.1%
Two/more races	82.6%	96.5%	88.8%	87.5%	18.5%	6.4%	36.0%	30.1%
Hispanic/Latino (of any race)	63.6%	61.6%	65.0%	66.7%	9.6%	9.1%	13.9%	15.2%
White alone, Not Hispanic/Latino	91.4%	91.3%	93.7%	92.3%	24.8%	23.6%	37.4%	34.5%

Source: U.S. Census Bureau, 2013-2017 American Community Survey 5-Year Estimates

Table: S1501 - Educational Attainment [https://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=ACS_17_5YR_S1501&prodType=table]. Date Accessed: [02/20/2020].

Note: '-' denotes an entry where there were either no sample observations or too few sample observations to compute an estimate.

High school graduation rates have not changed substantially from 2015-2019. There is a significant disparity in graduation rates with 66% of Rockford SD 205 graduating as compared to other districts in the County.

Table 12

High School Graduation Rate[a] by School District and School: Winnebago County and Illinois, 2015-2019					
Location	**2015**	**2016**	**2017**	**2018**	**2019**
Illinois	**86%**	**86%**	**87%**	**86%**	**86%**
School District					
County of Winnebago SD 320	**76%**	**87%**	**94%**	**90%**	**79%**
South Beloit Sr. High School	76%	87%	94%	90%	79%
Durand CUSD 322	**88%**	**88%**	**91%**	**91%**	**100%**
Durand High School	88%	88%	97%	92%	100%
Harlem UD 122	**76%**	**74%**	**79%**	**80%**	**84%**
Harlem High School	76%	74%	80%	81%	84%
Hononegah CHD 207	**93%**	**91%**	**94%**	**93%**	**92%**
Hononegah CHD High School	93%	91%	94%	93%	92%
Pecatonica CUSD 321	**81%**	**86%**	**93%**	**85%**	**92%**
Pecatonica High School	81%	86%	93%	85%	92%
Rockford SD 205	**67%**	**65%**	**67%**	**65%**	**66%**
Auburn High School	65%	63%	71%	68%	63%
Guilford High School	75%	72%	79%	81%	71%
Jefferson High School	61%	63%	76%	76%	66%
Rockford East High School	66%	61%	67%	68%	66%
Winnebago CUSD 323	**93%**	**91%**	**90%**	**96%**	**90%**
Winnebago High School	93%	91%	89%	96%	90%

Source: Illinois State Board of Education, School District Report Card [https://www.illinoisreportcard.com/SearchResult.aspx?type=COUNTY&SearchText=$WINNEBAGO$]. Date Accessed: [03/03/2020].

Note: Percentages have been rounded to the nearest whole percent, and may not precisely reflect distributions within the population.

[a]The percentage of students who graduated from high school within 4 years.

The low income student rate is 49% in Winnebago and Boone Counties. There is a disparity where 64% of students at Rockford SD 205 are low income students. The homeless rate among students is 2% in Winnebago and Boone Counties. (See Supplemental Tables). The percentage of students who are English Language Learners is 12% in Winnebago and Boone Counties. The disparity continues to exist with Rockford SD 205.

Table 13

Percent Low Income Students[a] By School Districts: Winnebago County and Illinois, 2015-2019

Location	2015	2016	2017	2018	2019
Illinois	**54%**	**50%**	**50%**	**49%**	**49%**
Winnebago: School Districts					
County of Winnebago SD 320	68%	67%	67%	64%	59%
Durand CUSD 322	31%	28%	29%	31%	29%
Harlem UD 122	53%	55%	58%	58%	56%
Hononegah CHD 207	23%	17%	20%	21%	19%
Kinnikinnick CCSD 131	27%	20%	22%	23%	23%
Pecatonica CUSD 321	20%	20%	20%	16%	27%
Prairie Hill CCSD 133	19%	0%	8%	14%	15%
Rockford SD 205	83%	58%	51%	54%	64%
Rockton SD 140	30%	32%	32%	32%	24%
Shirland CCSD 134	31%	21%	24%	25%	35%
Winnebago CUSD 323	32%	26%	26%	24%	1%

Source: Illinois State Board of Education, School District Report Card [https://www.illinoisreportcard.com/SearchResult.aspx?type=COUNTY&SearchText=$WINNEBAGO$]. Date Accessed: [03/03/2020].

Note: Percentages have been rounded to the nearest whole percent, and may not precisely reflect distributions within the population.

[a]The percentage of students eligible to receive free/reduced-price lunches, live in substitute care, or whose families receive public aid.

Underperforming schools and lowest preforming school compromise 27.8% of schools in Winnebago County; in Illinois, the rate is 13.7%. Rockford SD 205 comprises of twenty of the twenty-three under- and lowest-performing school in Winnebago County.

Table 14

Percent Distribution[a] of Schools by Summative Designation[b]: Winnebago County and Illinois											
	Total Number of Schools	Exemplary[c]		Commendable[d]		Underperforming[e]		Lowest Performing[f]		No Designation[g]	
Location	n	n	%	n	%	n	%	n	%	n	%
Illinois	**3872**	**399**	**10.3%**	**2740**	**70.8%**	**376**	**9.7%**	**155**	**4.0%**	**202**	**5.2%**
Winnebago: School Districts	**83**	**3**	**3.6%**	**49**	**59.0%**	**11**	**13.3%**	**12**	**14.5%**	**8**	**9.6%**
County of Winnebago SD 320	5	0	0.0%	5	100.0%	0	0.0%	0	0.0%	0	0.0%
Durand CUSD 322	3	0	0.0%	2	66.7%	0	0.0%	1	33.3%	0	0.0%
Harlem UD 122	12	0	0.0%	9	75.0%	1	8.3%	0	0.0%	2	16.7%
Hononegah CHD 207	1	0	0.0%	1	100.0%	0	0.0%	0	0.0%	0	0.0%
Kinnikinnick CCSD 131	4	0	0.0%	4	100.0%	0	0.0%	0	0.0%	0	0.0%
Pecatonica CUSD 321	3	0	0.0%	3	100.0%	0	0.0%	0	0.0%	0	0.0%
Prairie Hill CCSD 133	2	1	50.0%	1	50.0%	0	0.0%	0	0.0%	0	0.0%
Rockford SD 205	45	2	4.4%	17	37.8%	9	20.0%	11	24.4%	6	13.3%
Rockton SD 140	3	0	0.0%	3	100.0%	0	0.0%	0	0.0%	0	0.0%
Shirland CCSD 134	1	0	0.0%	1	100.0%	0	0.0%	0	0.0%	0	0.0%
Winnebago CUSD 323	4	0	0.0%	3	75.0%	1	25.0%	0	0.0%	0	0.0%

Source: Illinois State Board of Education, School District Report Card [https://www.illinoisreportcard.com/SearchResult.aspx?type=COUNTY&SearchText=$WINNEBAGO$]. Date Accessed: [03/03/2020].

Note: Percentages have been rounded to the nearest whole percent, and may not precisely reflect distributions within the population.

[a]The proportion of schools within each respective location/district by summative designation. Percentages for each respective summative designation will not add up to 100%.

[b]An annual accountability designation of progress in academic performance and student success determined by multiple measures of school performance and growth. There are four summative designations: Exemplary, Commendable, Underperforming, and Lowest Performing.

[c]A school performing in the top 10% of schools statewide, with no underperforming student demographic groups, and a graduation rate > 67%.

[d]A school whose performance is not in the top 10% of schools statewide, with no underperforming student demographic groups, and a graduation rate > 67%.

[e]A school with one/more student demographic groups performing at/below the level of the "all students" group in the lowest performing 5% of schools.

[f]A school in the lowest performing 5% of schools in Illinois and any high school with a graduation rate ≤ 67%.

[g]A school that either does not receive a summative designation or is too small for summative designation calculations to be carried out.

High school graduation rates tend to be lowest among Blacks in Winnebago, Boone, and Illinois. Graduation rates tend to be higher in Asians and Whites.

Table 15

High School Graduation Rates[a] of Select Student Demographic Groups By School District and School: Winnebago County and Illinois, 2019										
Location	Overall Rate	White	Black	Hispanic	Asian	American Indian/ Alaskan	Hawaiian/ Pacific Islander	Two/More Races	Low Income[b]	English Learners[c]
Illinois	**86.2%**	**90.8%**	**76.5%**	**82.2%**	**93.9%**	**78.1%**	**80.1%**	**86.9%**	**78.3%**	**72.0%**
School District										
County of Winnebago SD 320	**79.1%**	**77.8%**	**-**	**84.2%**	**-**	**-**	**-**	**-**	**77.3%**	**-**
South Beloit Sr. High School	79.1%	77.8%	-	84.2%	-	-	-	-	77.3%	-
Durand CUSD 322	**100.0%**	**100.0%**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Durand High School	100.0%	100.0%	-	-	-	-	-	-	-	-
Harlem UD 122	**83.5%**	**82.6%**	**80.8%**	**84.9%**	**100.0%**	**-**	**-**	**86.5%**	**78.6%**	**82.6%**
Harlem High School	83.6%	82.8%	80.8%	84.9%	100.0%	-	-	86.5%	78.9%	82.6%
Hononegah CHD 207	**92.4%**	**92.5%**	**-**	**85.7%**	**-**	**-**	**-**	**100.0%**	**81.2%**	**-**
Hononegah CHD High School	92.4%	92.5%	-	85.7%	-	-	-	100.0%	81.2%	-
Pecatonica CUSD 321	**92.2%**	**91.5%**	**-**	**-**	**-**	**-**	**-**	**-**	**75.0%**	**-**
Pecatonica High School	92.2%	91.5%	-	-	-	-	-	-	75.0%	-
Rockford SD 205	**66.4%**	**69.5%**	**54.7%**	**71.5%**	**85.0%**	**-**	**-**	**66.7%**	**62.1%**	**64.5%**
Auburn High School	63.0%	69.8%	55.0%	66.7%	91.3%	-	-	52.6%	55.0%	50.0%
Guilford High School	71.4%	75.9%	57.8%	75.2%	100.0%	-	-	72.2%	65.7%	72.4%
Jefferson High School	66.4%	65.5%	53.7%	73.2%	63.6%	-	-	68.4%	63.6%	61.1%
Rockford East High School	65.6%	66.7%	52.9%	69.1%	82.4%	-	-	70.0%	64.5%	61.1%
Winnebago CUSD 323	**90.0%**	**88.9%**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Winnebago High School	90.0%	88.9%	-	-	-	-	-	-	-	-

Source: Illinois State Board of Education, School District Report Card [https://www.illinoisreportcard.com/SearchResult.aspx?type=COUNTY&SearchText=$WINNEBAGO$]. Date Accessed: [03/03/2020].

Note: '-' denotes an entry with fewer than 10 students that is suppressed to maintain confidentiality. Percentages have been rounded to the nearest whole percent, and may not precisely reflect distributions within the population.

[a]The percentage of students who graduated from high school within 4 years.

[b]Students who receive/live in households that receive Supplemental Nutrition Assistance Program/Temporary Assistance to Needy Families benefits; are classified as homeless, migrant, runaway, Head Start, or foster children; or live in a household where the household income meets the U.S. Department of Agriculture income guidelines to receive free/reduced-price meals.

[c]Students eligible for bilingual education services. The percentage of english learner (EL) students is the count of EL students, divided by the student enrollment, multiplied by 100.

Veteran status overall is 8.4% in Winnebago County; in Illinois the rate is 6.2%. In Winnebago County 36.6% of veterans are from the Vietnam era. In Winnebago County 94.2% of veterans are male. There are similar rates in Boone County and Illinois.

Detail of Veteran status is in Supplemental Tables.

Disability status overall is 14.1% in Winnebago County; in Illinois the rate is 11.0% (See Supplemental Tables). Disabilities occur more frequently with age with 26.6% of individuals aged 65-74 having some kind of disability, and 46.4% of individuals aged 75 and older in Winnebago County. The most common types of disability are ambulatory difficulty, independent living difficulty, and cognitive difficulty. There are similar rates in Boone and Illinois.

SUPPLEMENTAL TABLES FOR SECTION 1

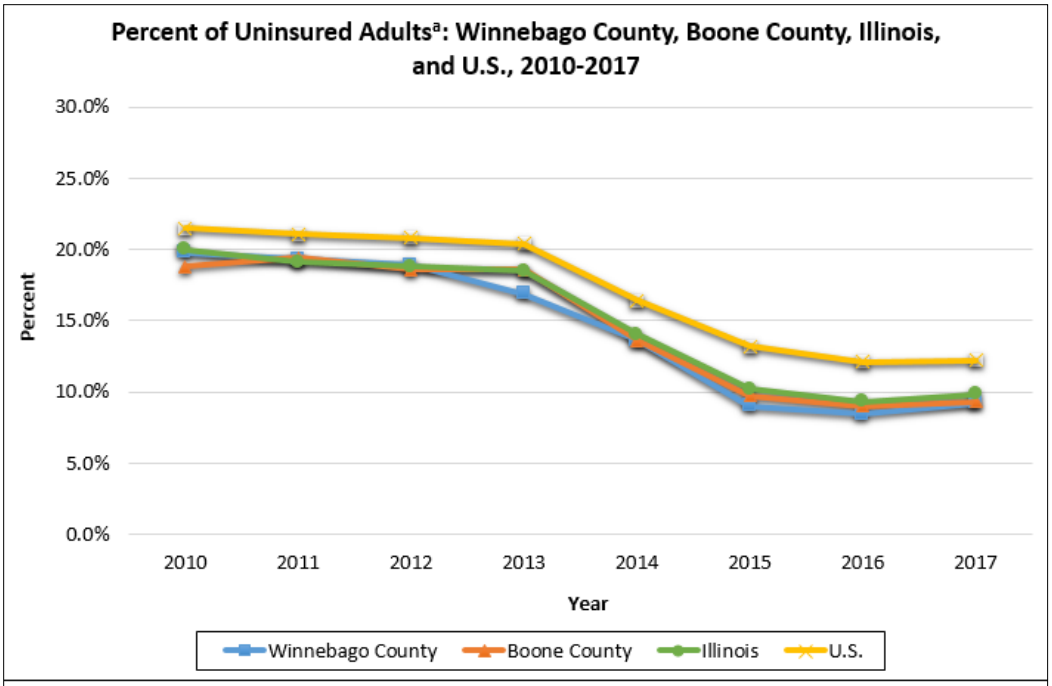
- Geographic Mobility Among Those ≥1 Year, 5-Year Estimate: Winnebago and Boone County, 2013-2017
- Population and Population Density by Township and Place: Winnebago County, 2010
- Distribution of Total Population by Demographic Characteristics, 5-Year Estimate: Winnebago County, 2013-2017
- Annual Demographic Distribution of Total Population, 1-Year Estimate: Winnebago County, 2013-2017
- Unemployment Rate Among Demographic Subgroups of the Population ≥16 Years, 5-Year Estimate: Winnebago County, IL and U.S., 2013-2017
- Occupation and Industry Among the Civilian Employed Population ≥16 Years, 5-Year Estimate: Winnebago, Boone, IL and U.S. 2013-2017
- Household Income, 5-Year Estimate: Winnebago, Boone, IL and U.S. 2013-2017
- Percent of Uninsured Population Among Demographic Subgroups, 5-Year Estimate: Winnebago, IL and U.S. 2013-2017
- Percent of Population Below Poverty Level Among Demographic Subgroups of the Population for Whom Poverty Status is Determined, 5-Year Estimate: Winnebago County, IL, U.S., 2013-2017
- Percent Distribution of the Population by Educational Attainment Level and Gender, 5-Year Estimate: Winnebago County, IL and U.S., 2013-2017
- Percent of Veterans by Select Characteristics, 5-Year Estimate: Winnebago County, IL, U.S., 2013-2017
- Percent of Population with a Disability Among Demographic Subgroups, 5-Year Estimate: Winnebago County, IL and U.S., 2013-2017
- Percentage of Homeless Students By School Districts: Winnebago County and IL, 2015-2019
- Percentage of Students Enrolled as English Language Learners by School Districts: Winnebago County and IL, 2015-2019
- Percentage of Students Belonging to Select Racial/Ethnic Groups by School District: Winnebago County and IL, 2015-2019
- High School Dropout Rate of Select Demographic Groups by School District and School: Winnebago County and IL, 2019

Section 2 Health Resources

The percentage of uninsured children and adults has declined. Winnebago County has a lower rate of physicians and primary care doctors per 100,000 population than the State of Illinois, and a higher rate of nurse practioners. Rates for preventable hospital stays are higher in Winnebago County than in Illinois or the U.S.

Overall, the percent of uninsured adults decreased between 2013 and 2015 and has since than leveled out at 9.2% for Winnebago County, 9.3% for Boone and 9.8% for Illinois.

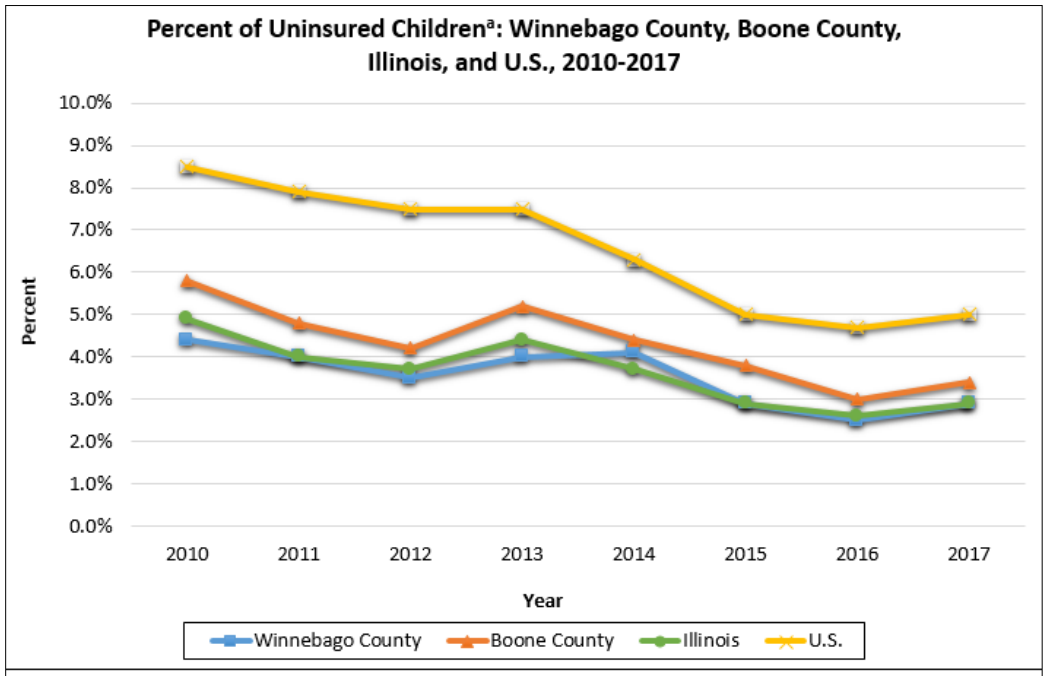
Chart 10



Source: U.S. Census Bureau, Small Area Health Insurance Estimates (SAHIE), 2010-2017
Table: Percent Insured or Uninsured - [https://www.census.gov/data-tools/demo/sahie/#/?s_statefips=17&s_stcou=17007,17201&s_agecat=1&s_measures=ui_snc&s_year=2017]. Date Accessed: [03/17/2020].
[a]Adults: Individuals 18-64 years

The percent uninsured children is below the percent of uninsured adults. Overall, the percent of uninsured children has decreased since 2010. The rates are relatively similar in Winnebago County, Boone, and Illinois which are all lower than the overall rates in the United States. In 2017 the rates in Winnebago County were 2.9%, 3.4% in Boone, and 2.9% in Illinois.

Chart 11



Source: U.S. Census Bureau, Small Area Health Insurance Estimates (SAHIE), 2010-2017
Table: Percent Insured or Uninsured - [https://www.census.gov/data-tools/demo/sahie/#/?s_statefips=17&s_stcou=17007,17201&s_agecat=4&s_measures=ic_snc&s_year=2017,2016,2015,2014,2013,2011,2012,2010&map_yearSelector=2010]. Date Accessed: [03/17/2020].
[a]Children: Individuals under 19 years

Among uninsured individuals, 58% are male, 25% are Hispanic, 27.6% have not graduate high school, and 62.6% make less than $50,000.

Table 16

See Next Page

Distribution of Uninsured Population by Demographic Characteristic, 5-Year Estimate: Winnebago County, Illinois, and U.S., 2013-2017			
Characteristics	Winnebago County %	Illinois %	U.S. %
Uninsured civilian noninstitutionalized population	7.2%	8.5%	10.5%
Sex			
Male	58.0%	56.1%	54.1%
Female	42.0%	43.9%	45.9%
Age Range			
<6 years	2.7%	2.2%	3.2%
6 to 18 years	8.4%	7.4%	10.1%
19 to 25 years	17.0%	16.8%	16.6%
26 to 34 years	19.6%	22.6%	22.2%
35 to 44 years	19.2%	20.5%	19.0%
45 to 54 years	17.7%	16.7%	16.2%
55 to 64 years	14.1%	12.0%	11.3%
65 to 74 years	0.4%	1.2%	0.9%
≥75 years	0.8%	0.5%	0.3%
Race			
White	67.5%	58.4%	65.2%
Black or African American	15.6%	17.4%	14.5%
American Indian and Alaska Native	0.8%	0.4%	1.7%
Asian	3.7%	5.4%	4.7%
Native Hawaiian and Other Pacific Islander	0.0%	0.1%	0.2%
Other	8.1%	16.4%	10.9%
Two/more races	4.4%	2.0%	2.7%
Ethnicity			
Hispanic/Latino (of any race)	25.0%	37.7%	35.7%
White alone, Not Hispanic/Latino	52.5%	38.1%	41.9%
Disability Status			
With a disability	10.3%	6.8%	8.0%
No disability	89.7%	93.2%	92.0%
Educational Attainment (among those ≥25 years)			
Less than HS graduate	27.6%	26.6%	27.0%
HS graduate/GED	34.0%	33.6%	34.2%
Some college/Associate's degree	26.3%	25.2%	26.3%
Bachelor's degree/higher	12.1%	14.5%	12.5%
Household Income (among total household population)			
<$25,000	29.4%	24.1%	25.0%
$25,000 to $49,999	33.2%	30.1%	30.4%
$50,000 to $74,999	20.3%	19.9%	19.8%
$75,000 to $99,999	8.8%	10.9%	10.6%
≥$100,000	8.4%	15.0%	14.1%

Source: U.S. Census Bureau, 2013-2017 American Community Survey 5-Year Estimates

Table: S2702 - Selected Characteristics of the Uninsured in the United States [https://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=ACS_17_5YR_S2702&prodType=table]. Date Accessed: [03/17/2020].

Table 17

Hospital/Medical Medicare Enrollment Trends by Plan[a] and Year: Winnebago County, Boone County, Illinois, and U.S., 2014-2019								
	Winnebago County		Boone County		Illinois		U.S.	
Year	Original Medicare[b]	MA & Other[c]	Original Medicare[b]	MA & Other[c]	Original Medicare[b]	MA & Other[c]	Original Medicare[b]	MA & Other[c]
2014	74.0%	26.0%	76.0%	24.0%	83.0%	17.0%	70.0%	30.0%
2015	71.0%	29.0%	75.0%	25.0%	79.0%	21.0%	69.0%	31.0%
2016	70.0%	30.0%	74.0%	26.0%	78.0%	22.0%	68.0%	32.0%
2017	69.0%	31.0%	74.0%	26.0%	76.0%	24.0%	66.0%	34.0%
2018	66.0%	34.0%	70.0%	30.0%	75.0%	25.0%	64.0%	36.0%
2019	63.0%	37.0%	68.0%	32.0%	73.0%	27.0%	63.0%	37.0%

Source: Centers for Medicare & Medicaid Services

Table: Medicare Enrollment Dashboard [https://www.cms.gov/Research-Statistics-Data-and-Systems/Statistics-Trends-and-Reports/Dashboard/Medicare-Enrollment/Enrollment%20Dashboard.html]. Data Accessed: [03/18/2020].

[a]Percent distribution of hospital/medical enrollment by health care delivery: Original Medicare and Medicare Advantage (MA)/Other Health Plans

[b]Original Medicare: Medicare's traditional health care system/fee-for-service

[c]Medicare Advantage and Other Health Plans: Health plans offered by private companies approved by Medicare to provide hospital and medical coverage

Among individuals enrolled in Medicare, the percent that were enrolled in Medicare Advantage and Other Plans has been increasing with 37% enrolled in Winnebago County, 32% in Boone, and 27% in Illinois.

Table 18

Health Care Utilization Prevalence Data: Winnebago County, Boone County, and Illinois, 2010-2014					
	Winnebago County		Boone County		Illinois
Characteristic	n	Column %	n	Column %	Column %
Last Routine Checkup[a]					
Overall	220,440	100%	39,487	100%	100%
1 Year/Less	149,927	68.0%	24,010	60.8%	69.2%
More than 1 Year/Never	70,512	32.0%	15,477	39.2%	30.8%
12 Months: Needed To See Doctor But Could Not Due To Cost[b]					
Overall	220,239	100%	39,497	100%	100%
Yes	20,393	9.3%	3,104	7.9%	12.4%
No	199,847	90.7%	36,392	92.1%	87.6%

Source: Illinois Department of Public Health (IDPH). Health Statistics. Illinois County Behavioral Risk Factor Surveys, Winnebago County and Boone County, Round 5 (2010-2014) Source: Illinois Department of Public Health (IDPH). Health Statistics. Illinois Behavioral Risk Factor Surveillance Survey (BRFSS) Data, 2014

Table: Winnebago - [http://www.idph.state.il.us/brfss/countydata.asp?selTopicCounty=hlthcareuse&areaCounty=Winn_102&show=freq&yrCounty=5&form=county&yr=&area=&selTopic=]. Data Accessed: [03/18/2020].

Boone - [http://www.idph.state.il.us/brfss/countydata.asp?selTopicCounty=hlthcareuse&areaCounty=Boone_4&show=freq&yrCounty=5&form=county&yr=&area=&selTopic=]. Data Accessed: [03/18/2020].

Illinois - [http://www.idph.state.il.us/brfss/statedata.asp?selTopic=healthcareuse&area=il&yr=2014&form=strata&show=freq]. Data Accessed: [03/18/2020].

Note: Survey conducted among adults ≥ 18 years. 'N' represents weighted/adjusted response counts to each question. Sum of individual response counts may not equal overall due to weighting/rounding.

[a]Length of time since last routine checkup.

[b]Whether/not there was a time in the past 12 months wherein the respondent needed to see a doctor but could not due to cost.

In Winnebago County, 32% of individuals have either not had a routine checkup in more than a year or have never had a routine checkup. The rates for Boone County and Illinois are 39.2% and 30.8% Being unable to afford a doctor was cited as a concern for 9.3% of individuals in Winnebago, 7.9% of individuals in Boone, and 12.4% of individuals in Illinois. (See Supplemental Tables for detail)

Doctors of Medicine are the most common clinicians with 219.1 per 100,000 in Winnebago County and 136.4 per 100,000 in Boone County. Both Boone and Winnebago tend to have fewer clinicians relative to Illinois with the exception of nurse practitioners in Winnebago County.

Table 19

Access to Care, Rate[a] of Clinicians per 100,000 Population[b]: Winnebago County, Boone County, and Illinois, 2015-2017									
	Winnebago County			Boone County			Illinois		
Clinician	2015	2016	2017	2015	2016	2017	2015	2016	2017
Dentist[c]	60.3	60.5	63.9	29.9	33.6	33.6	67.9	67.5	68.2
DO[d]	13.6	12.9	12.3	5.6	11.2	15.0	18.4	18.8	19.3
MD[e]	223.3	224.2	219.1	130.6	125.2	136.4	263.7	267.6	265.4
Nurse Practitioner[f]	70.7	77.0	84.6	11.2	13.1	16.8	45.8	53.5	60.8
Primary Care Physician[g]	76.6	78.0	70.9	52.3	54.2	56.1	80.7	81.1	80.0
Resident, Primary Care[h]	9.1	8.8	10.2	1.9	1.9	0.0[i]	16.2	16.5	15.8

Source: U.S. Department of Health & Human Services, Health Resources and Services Administration, Area Health Resource Files - Health Workforce Dashboard [https://data.hrsa.gov/topics/health-workforce/ahrf]. 2015-2017. Date Accessed: [03/18/2020].

[a]Rate= [Clinician Count] / [Respective Population] * 100,000

[b]Population figures are based on estimates from the Census Bureau's 2017 American Community Survey

[c]Includes dentists having a doctorate in dental surgery, dental medicine, or those legally authorized to practice dentistry by a State, or who, without authority, holds himself/herself out to be so authorized (includes residents) and who are professionally active.

[d]Doctor of Osteopathic medicine physicians and residents. Includes those providing care in the following fields: Family Medicine, Internal Medicine, General Practice, Surgery, Ob-Gyn, and Pediatrics.

[e]Doctor of Medicine physicians and residents. Includes those providing care in the following fields: Family Medicine, Internal Medicine, General Practice, Surgery, Ob-Gyn, and Pediatrics.

[f]Registered Nurse with graduate degree in nursing for advanced practice. Specialties include, but are not limited to: family nurse practitioners, gerontological nurse practitioners, pediatric nurse practitioners, obstetric-gynecologic nurse practitioners, and school nurse practitioners.

[g]Physicians (MDs and DOs) providing hospital patient care.

[h]Resident physicians (MDs and DOs) providing hospital patient care.

[i]Values of zero may indicate data suppression due to low counts.

The number of authorized beds by type and total for each hospital are shown in the table below.

Table 20

Authorized Beds by Category of Service and Hospital: Winnebago County and Boone County, 2018				
Category of Service	**Javon Bea Hospital-Rockton Avenue**	**OSF Saint Anthony Medical Center**	**SwedishAmerican Hospital**	**SwedishAmerican Medical Center - Belvidere**
Medical-Surgical Beds	154	190	199	34
Intensive Care Beds	30	38	30	0
Pediatric Beds	12	0	10	0
OB/Gynecology Beds	20	13	34	0
Long-Term Care Beds	0	0	0	0
Neonatal ICU Beds	52	0	10	0
Rehabilitation Beds	0	0	0	0
Acute Mental Illness Beds	20	0	42	0
Long-Term Care Acute Care Beds	0	0	0	0
Total Beds	**288**	**241**	**325**	**34**

Source: Illinois Health Facilities and Services Review Board, 2018 Hospital Data Profiles [https://www2.illinois.gov/sites/hfsrb/InventoriesData/FacilityProfiles/Documents/2018%20Hospital%20Profiles.pdf]. Date Accessed: [03/18/2020].

There were 5,121 preventable hospital stays per 100,000 Medicare enrollees in Winnebago County, 4,817 in Boone and 4,980 in Illinois.

Table 21

Rate of Preventable Hospital Stays[a] per 100,000 Medicare Enrollees[b]: Winnebago County, Boone County, Illinois, and U.S., 2012-2016				
Year	**Winnebago County**	**Boone County**	**Illinois**	**U.S.**
2012	5,023	4,532	5,124	5,121
2013	5,287	4,381	4,857	4,888
2014	5,066	4,629	4,923	4,618
2015	4,689	4,293	4,498	4,289
2016	5,121	4,817	4,980	4,648

Source: Robert Wood Johnson Foundation. University of Wisconsin Population Health Institute. County Health Rankings & Roadmaps 2019. [https://www.countyhealthrankings.org/app/illinois/2019/rankings/winnebago/county/outcomes/overall/snapshot] [https://www.countyhealthrankings.org/app/illinois/2019/rankings/boone/county/outcomes/overall/snapshot]. Data Accessed: [03/18/2020].

[a]Rate of hospital stays for ambulatory-care sensitive conditions (diabetes with short/long-term complications, uncontrolled diabetes without complications, diabetes with lower-extremity amputation, chronic obstructive pulmonary disease, asthma, hypertension, heart failure, dehydration, bacterial pneumonia, or urinary tract infection)

[b]Beneficiaries 18 years/older continuously enrolled in Medicare fee-for-service Part A

The rate of preventable hospital stays is 4,557 for White individuals, 9,636 for Black individuals, and 7,212 for Hispanic individuals in Winnebago County. The rate for White individuals is similar in Boone County and is 1,923 for Hispanic individuals.

Table 22

Rate of Preventable Hospital Stays[a] per 100,000 Medicare Enrollees[b,] by Race/Ethnicity: Winnebago County and Boone County, 2016		
Race/Ethnicity	**Winnebago County**	**Boone County**
White	4,667	4,852
Black	9,636	N/A[c]
Hispanic	7,212	1,923

Source: Robert Wood Johnson Foundation. University of Wisconsin Population Health Institute. County Health Rankings & Roadmaps 2019. [https://www.countyhealthrankings.org/app/illinois/2019/rankings/winnebago/county/outcomes/overall/snapshot] [https://www.countyhealthrankings.org/app/illinois/2019/rankings/boone/county/outcomes/overall/snapshot]. Data Accessed: [03/18/2020].

[a]Rate of hospital stays for ambulatory-care sensitive conditions (diabetes with short/long-term complications, uncontrolled diabetes without complications, diabetes with lower-extremity amputation, chronic obstructive pulmonary disease, asthma, hypertension, heart failure, dehydration, bacterial pneumonia, or urinary tract infection)

[b]Beneficiaries 18 years/older continuously enrolled in Medicare fee-for-service Part A

[c]Data wasn't listed for this demographic subgroup

In Winnebago County, 78.9% of women had a pap smear in the past 3 years, and 75% had a mammogram in past 2 years. 61.6% of individuals have had a colorectal endoscopy in Winnebago County.

Table 23

Cancer Screening and Risk Factors: Winnebago County, Boone County, Illinois, and U.S.							
	Winnebago County[a]		Boone County[a]		Illinois[b]		U.S.
Screening and Risk Factor Variables	Modeled %	95% CI	Modeled %	95% CI	Directly Estimated %	95% CI	Median
Pap Smear in Past 3 Years, No Hysterectomy							
Ages 18+	78.9	(71.2, 86.6)	79.7	(71.2, 88.1)	73.24	(70.73, 75.75)	71.9
Mammogram in Past 2 Years							
Ages 40+	75.0	(65.5, 84.5)	70.4	(59.0, 81.8)	72.46	(69.99, 74.93)	72.5
Ever had Colorectal Endoscopy							
Ages 50+	61.6	(51.8, 71.4)	55.1	(43.6, 66.7)	68.46	(66.26, 70.66)	70.3
FOBT[c] (1 year)/ Flex Sigmoidoscopy (5 Year)/ FOBT (3 Year) / Colonoscopy (10 year)							
Ages 50-75	N/A	N/A	N/A	N/A	63.54	(60.99, 66.09)	67.7
Home-Based FOBT[c] in Past Two Years							
Ages 50+	14.2	(7.5, 21.0)	7.9	(2.5, 13.4)	8.19	(7.03, 9.35)	12.4
Home-Based FOBT[c] in Past Two Years or Ever had a Colorectal Endoscopy							
Ages 50+	65.4	(55.7, 75.0)	58.6	(47.0, 70.2)	70.66	(68.48, 72.84)	74.7

Source: NIH State Cancer Profiles, Direct and County Level Estimates - Screening and Risk Factors Table [https://statecancerprofiles.cancer.gov/quick-profiles/index.php?statename=illinois#t=1]. Date Accessed: [03/18/2020].

[a]Modeled estimates combine data from both the Behavioral Risk Factor Surveillance System (BRFSS) and the National Health Interview Survey (NHIS) to correct for nonresponse and undercoverage bias. Modeled estimates also pool data from 2008-2010.

[b]2016 BRFSS Survey Data is used for this measure. A direct estimate is from data collected in one year.

[c]Fecal Occult Blood Test (FOBT)

Among female Medicare enrollees aged 65-74 years, 43% of them received an annual mammography screening in Winnebago County, 42% in Boone, and 42% in Illinois. The current screening recommendation for this age group is every two years. This means that the number of women meeting this recommendation is potentially being underestimated.

Table 24

Percentage of Female Medicare Enrollees[a] Receiving Annual[b] Mammography Screening: Winnebago County, Boone County, Illinois, and U.S., 2012-2016				
Year	**Winnebago County**	**Boone County**	**Illinois**	**U.S.**
2012	44.0%	40.0%	41.0%	39.0%
2013	44.0%	41.0%	41.0%	39.0%
2014	42.0%	41.0%	41.0%	39.0%
2015	42.0%	41.0%	41.0%	39.0%
2016	43.0%	42.0%	42.0%	40.0%

Source: Robert Wood Johnson Foundation. University of Wisconsin Population Health Institute. County Health Rankings & Roadmaps 2019. [https://www.countyhealthrankings.org/app/illinois/2019/rankings/winnebago/county/outcomes/overall/snapshot] [https://www.countyhealthrankings.org/app/illinois/2019/rankings/boone/county/outcomes/overall/snapshot]. Date Accessed: [03/18/2020].

[a]Female beneficiaries, 65-74 years, enrolled in Medicare fee-for-service Part B for at least one month of the selected year.

[b]May be an underestimate, as the current screening recommendation for this age group is every two years.

Among female Medicare enrollees aged 65-74 years 44% of Whites, 43% of Blacks, and 31% of Hispanics received an annual mammogram in Winnebago County. In Boone County 43% of Whites, 55% of Blacks, and 29% of Hispanics received an annual mammography. The current screening recommendation for this age group is every two years. This means that the number of women meeting this recommendation is potentially being underestimated.

Table 25

Percentage of Female Medicare Enrollees[a] Receiving Annual[b] Mammography Screening by Race/Ethnicity: Winnebago County and Boone County, 2016		
Race/Ethnicity	**Winnebago County**	**Boone County**
White	44.0%	43.0%
Black	43.0%	55.0%
Hispanic	31.0%	29.0%

Source: Robert Wood Johnson Foundation. University of Wisconsin Population Health Institute. County Health Rankings & Roadmaps 2019. [https://www.countyhealthrankings.org/app/illinois/2019/rankings/winnebago/county/outcomes/overall/snapshot] [https://www.countyhealthrankings.org/app/illinois/2019/rankings/boone/county/outcomes/overall/snapshot]. Date Accessed: [03/18/2020].

[a]Female beneficiaries, 65-74 years, enrolled in Medicare fee-for-service Part B for at least one month of the selected year.

[b]May be an underestimate, as the current screening recommendation for this age group is every two years.

Among Medicare enrollees, 48% received an annual flu vaccination in Winnebago County with 49% in Boone and 45% in Illinois.

Table 26

Percentage of Fee-For-Service Medicare Enrollees[a] Receiving Annual Flu Vaccination: Winnebago County, Boone County, Illinois, and U.S., 2012-2016				
Year	**Winnebago County**	**Boone County**	**Illinois**	**U.S.**
2012	49.0%	48.0%	44.0%	42.0%
2013	50.0%	48.0%	46.0%	43.0%
2014	46.0%	46.0%	46.0%	43.0%
2015	46.0%	46.0%	44.0%	41.0%
2016	48.0%	49.0%	45.0%	42.0%

Source: Robert Wood Johnson Foundation. University of Wisconsin Population Health Institute. County Health Rankings & Roadmaps 2019. [https://www.countyhealthrankings.org/app/illinois/2019/rankings/winnebago/county/outcomes/overall/snapshot] [https://www.countyhealthrankings.org/app/illinois/2019/rankings/boone/county/outcomes/overall/snapshot]. Data Accessed: [03/18/2020].

[a]Beneficiaries enrolled in fee-for-service Part B for at least one month of the selected year.

Among Medicare enrollees in Winnebago County 50% of whites, 35% of blacks, and 41% of Hispanics received an annual flu vaccine.

Table 27

Percentage of Fee-For-Service Medicare Enrollees[a] Receiving Annual Flu Vaccination by Race/Ethnicity: Winnebago County and Boone County, 2016		
Race/Ethnicity	**Winnebago County**	**Boone County**
White	50.0%	49.0%
Black	35.0%	32.0%
Hispanic	41.0%	36.0%

Source: Robert Wood Johnson Foundation. University of Wisconsin Population Health Institute. County Health Rankings & Roadmaps 2019. [https://www.countyhealthrankings.org/app/illinois/2019/rankings/winnebago/county/outcomes/overall/snapshot] [https://www.countyhealthrankings.org/app/illinois/2019/rankings/boone/county/outcomes/overall/snapshot]. Data Accessed: [03/18/2020].

[a]Beneficiaries enrolled in fee-for-service Part B for at least one month of the selected year.

The length of time since the last dental visit is under one year for 69.7% of individuals in Winnebago County and Boone County, and 63.9% of individuals in Illinois. 24.6% of individuals have gone more than two years or have never had a dental visit in Winnebago County with similar numbers in Boone and Illinois. In Winnebago County 59.9% of individuals have had no teeth permanently removed and 4.6% have had all teeth removed. The rates are similar in Boone and Illinois.

Table 28

Oral Health Prevalence Data: Winnebago County and Boone County, 2010-2014					
	Winnebago County		Boone County		Illinois
Characteristic	n	Column %	n	Column %	Column %
Last Dental Visit[a]					
Overall	220,535	100%	39,184	100%	100%
≤ 1 Year	153,733	69.7%	27,304	69.7%	63.9%
1-2 Years	12,651	5.7%	3,546	9.1%	12.3%
> 2 Years/Never	54,151	24.6%	8,334	21.3%	23.8%
Number of Permanent Teeth Removed[b]					
Overall	219,392	100%	39,485	100%	100%
1-5	57,685	26.3%	10,779	27.3%	28.7%
6/More, But Not All	20,154	9.2%	3,370	8.5%	9.5%
All	10,127	4.6%	1,240	3.1%	4.6%
None	131,426	59.9%	24,096	61.0%	57.1%

Source: Illinois Department of Public Health (IDPH). Health Statistics. Illinois County Behavioral Risk Factor Surveys, Winnebago County and Boone County, Round 5 (2010-2014)

Table: Winnebago - [http://www.idph.state.il.us/brfss/countydata.asp?selTopicCounty=hlthcareuse&areaCounty=Winn_102&show=freq&yrCounty=5&form=county&yr=&area=&selTopic=]. Date Accessed: [03/18/2020].

Boone - [http://www.idph.state.il.us/brfss/countydata.asp?selTopicCounty=hlthcareuse&areaCounty=Boone_4&show=freq&yrCounty=5&form=county&yr=&area=&selTopic=]. Date Accessed: [03/18/2020].

Illinois - [http://www.idph.state.il.us/brfss/statedata.asp?selTopic=oralhealth&area=il&yr=2014&form=strata&show=freq]. Date Accessed: [03/18/2020].

Note: Survey conducted among adults ≥ 18 years. 'N' represents weighted/adjusted response counts to each question.

[a]Length of time since last dental visit for any reason.

[b]Number of permanent teeth removed due to tooth decay/gum disease/infection (excluding teeth lost due to injury/orthodontics).

At Javon Bea Hospital Medicaid was the most common payor source for inpatient and outpatient carte at 35.3% and 37.2% respectively. At OSF Saint Anthony Medical Center Medicare was the most common payor source for both inpatient and outpatient respectively at 64% and 51.1% respectively. At Swedish American Hospital Medicare was the most common payor source for inpatient at 44.9% and Private Insurance was the most common payor source for outpatient at 39.8%. At Swedish American Medical Center other Public Financing was the most common payor source for inpatient at 87.9% and private insurance was the most common source of outpatient care at 36.1%.

Table 29

Inpatients and Outpatients Served by Payor Source and by Hospital: Winnebago County, 2018								
	Javon Bea Hospital-Rockton Avenue		OSF Saint Anthony Medical Center		SwedishAmerican Hospital		SwedishAmerican Medical Center - Belvidere	
Insurance Type	Inpatient	Outpatient	Inpatient	Outpatient	Inpatient	Outpatient	Inpatient	Outpatient
Medicaid	35.3%	37.2%	11.0%	16.7%	22.1%	20.0%	0.0%	27.6%
Medicare	28.1%	21.9%	64.0%	51.1%	44.9%	35.4%	6.1%	27.9%
Other Public Financing	12.3%	13.0%	0.7%	0.5%	2.5%	1.6%	87.9%	3.1%
Private Insurance	21.7%	23.6%	21.9%	29.3%	28.0%	39.8%	6.1%	36.1%
Private Pay	1.9%	3.9%	0.7%	1.7%	1.8%	2.5%	0.0%	4.9%
Charity Care	0.6%	0.3%	1.7%	0.8%	0.7%	0.6%	0.0%	0.4%

Source: Illinois Health Facilities and Services Review Board, 2018 Hospital Data Profiles [https://www2.illinois.gov/sites/hfsrb/InventoriesData/FacilityProfiles/Documents/2018%20Hospital%20Profiles.pdf]. Data Accessed: [03/18/2020].

SUPPLEMENTAL TABLES FOR SECTION 2

- Health Care Coverage Prevalence Data: Winnebago County, Boone County and IL, 2010-2014
- Prevalence Data of Individuals that do not have any Health Care Coverage/Health Plan Among Demographic Subgroups: Winnebago, Boone, IL , 2010-2015
- Prevalence Data of Individuals that Could Not See a Doctor in the Past Year Due to Cost Among Demographic Subgroups: Winnebago, Boone and IL, 2010-2014
- Facility Utilization Characteristics by Hospital, 2018
- 30-Day Hospital Readmissions Among Medicare Fee-For-Service Beneficiaries: Winnebago, Boone, IL and U.S., 2015
- Distribution of Total Hospitalizations by Cause: Winnebago, Boone and IL, 2015

Section 3 Maternal and Child Health

Maternal and Child Health continues to be an area of focus for Winnebago County. While there has been improvement in the rate of teen births, other significant challenges remain. There has been an increase in infant mortality rates; child mortality rates are higher in Winnebago County; and low birthweight births have increased. In each of these areas, the Black population has a higher rate than the County overall rates.

Births have declined by 7.0% from 3,758 in 2010 to 3,496 in 2018, this compares with declines of 19.5% in Boone County and 12.2% overall in the State of Illinois.

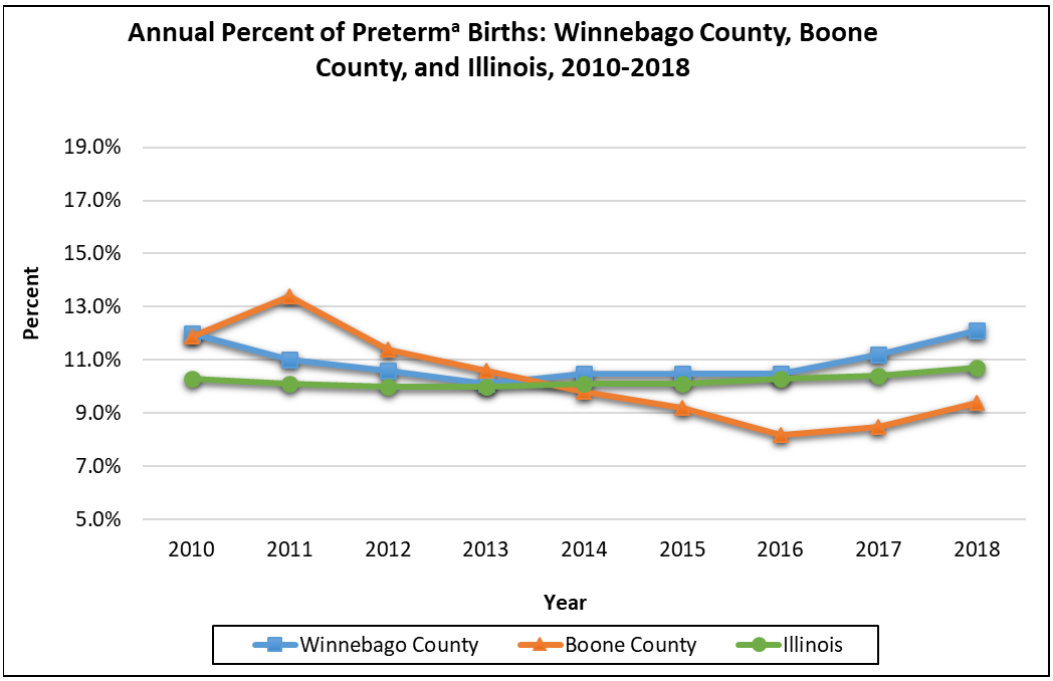
Table 30

Annual Number of Births: Winnebago County, Boone County, and Illinois, 2010-2017			
Year	**Winnebago County**	**Boone County**	**Illinois**
2010	3,758	636	164,998
2011	3,661	590	161,234
2012	3,586	561	159,152
2013	3,530	564	156,918
2014	3,651	612	158,522
2015	3,621	567	158,101
2016	3,712	574	154,467
2017	3,500	623	149,390
2018	3,496	512	144,828

Source: Illinois Department of Public Health, Births by County of Residence 2010-2017 [http://www.dph.illinois.gov/data-statistics/vital-statistics/birth-statistics/more-statistics]. Date Accessed: [03/10/2020].

Preterm Births declined from 2010 to 2016, but increased in 2017 and 2018 for Winnebago County. Boone County's preterm births have declined from a high of 13.4% in 2011 to 9.4% in 2018. For this period, the State of Illinois has seen a slight increase over this timeframe from 10.3% to 10.7%.

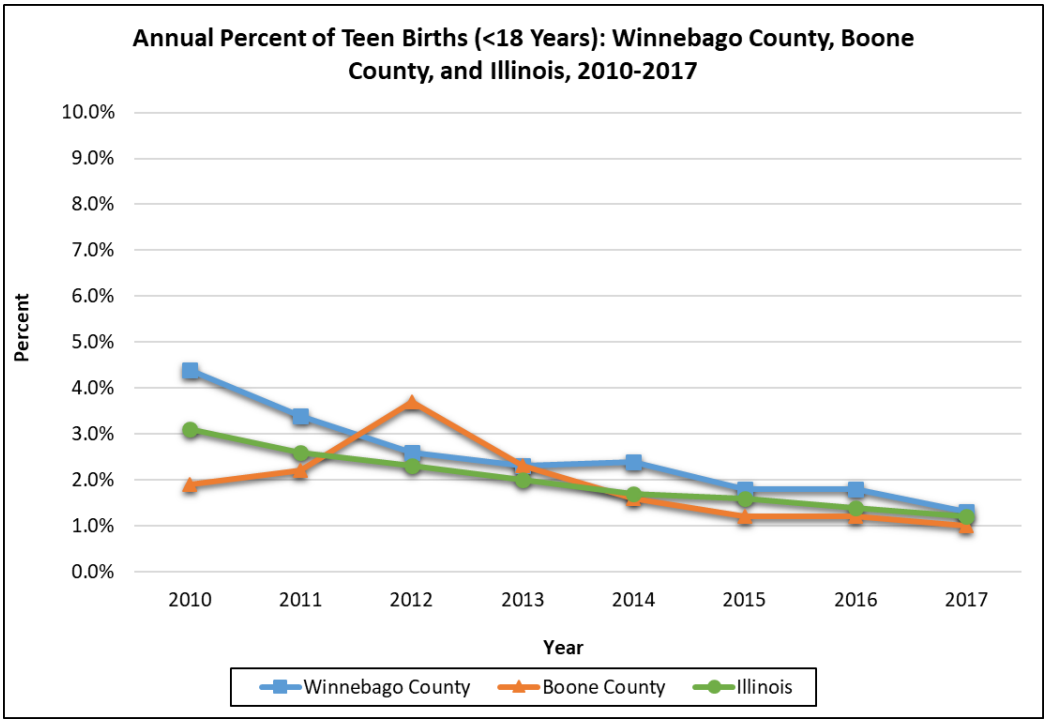
Chart 12



Source: Illinois Department of Public Health, Birth Characteristics by Resident County [http://www.dph.illinois.gov/data-statistics/vital-statistics/birth-statistics/more-statistics]. Date Accessed: [03/10/2020]. [a] <37 weeks

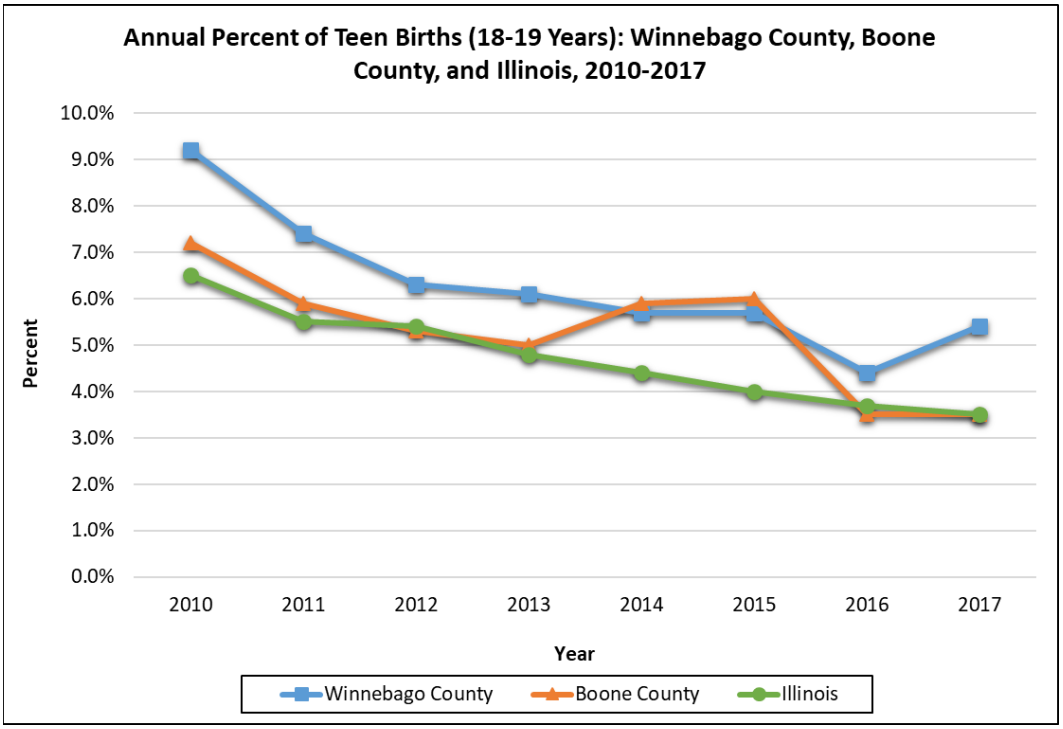
Teen Births have declined in Winnebago, Boone and Illinois over the 2010-2017 period. For Winnebago County, the percent of births for <18 years-old has declined from 4.4% in 2010 to 1.3% in 2017. Boone has seen an overall decrease from 1.9% in 2010 to 1.0% in 2017 and the State's percentage has dropped from 3.1% to 1.2% in the same time period. The percentage of births for women in 18-19 year-old range has dropped by 41%, 51% and 46%, respectively in Winnebago, Boone & Illinois during this time.

Chart 13



Source: The Annie E. Casey Foundation, KIDS COUNT Data Center, [https://datacenter.kidscount.org]; Illinois Department of Public Health, Illinois Teen Births by County [http://www.dph.illinois.gov/data-statistics/vital-statistics/birth-statistics/more-statistics]

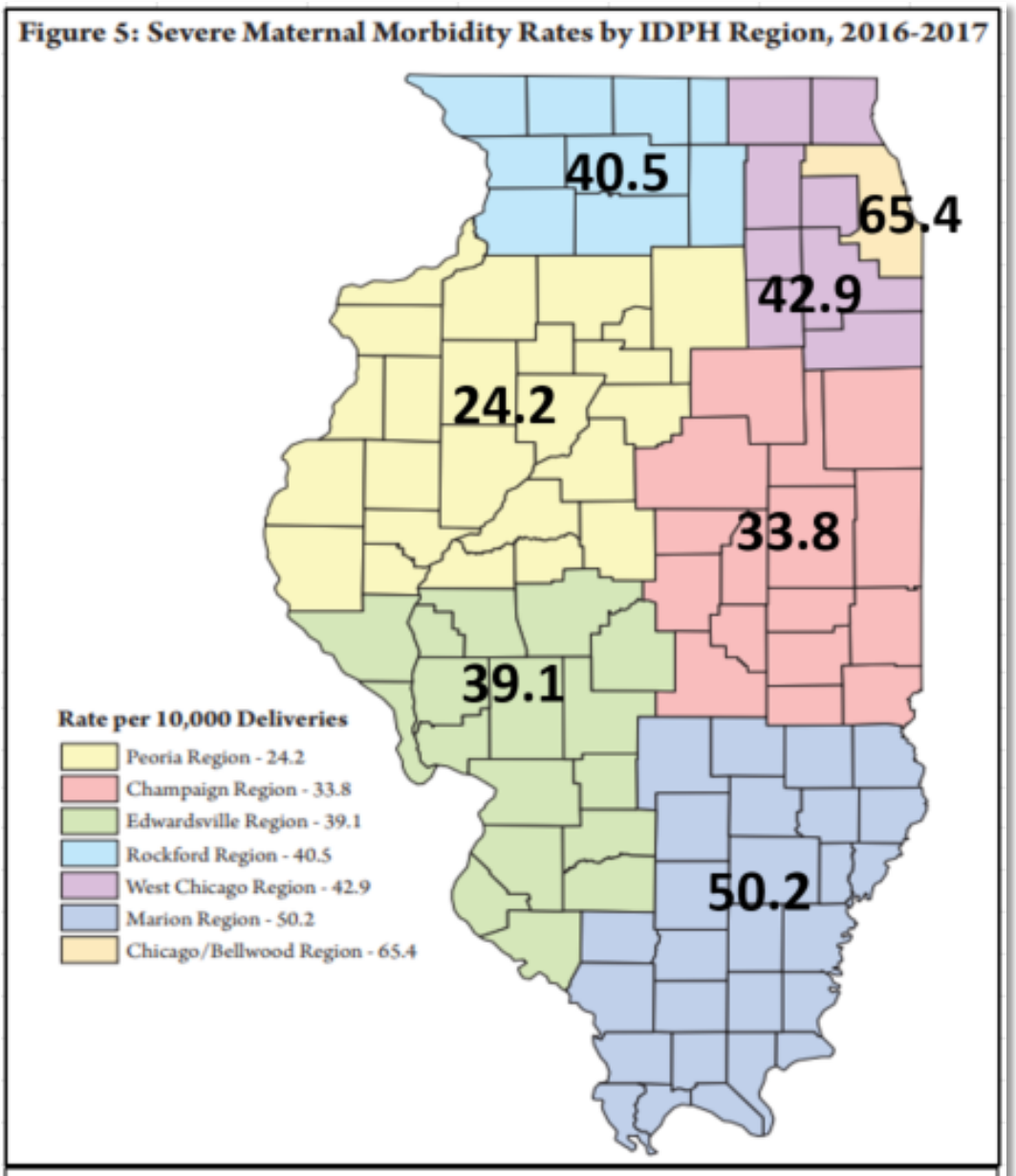
Chart 14



Source: The Annie E. Casey Foundation, KIDS COUNT Data Center, [https://datacenter.kidscount.org]; Illinois Department of Public Health, Illinois Teen Births by County [http://www.dph.illinois.gov/data-statistics/vital-statistics/birth-statistics/more-statistics]

Severe Maternal Morbidity in the IDPH Rockford Region was 40.5/10,000 deliveries. This compares to 51.4 for the State of Illinois.

Chart 15



Source: IDPH Maternal Morbidity and Mortality Report, October 2018 [http://dph.illinois.gov/sites/default/files/publications/publicationsowhmaternalmorbiditymortalityreport112018.pdf]

The Infant Mortality Rate, defined as deaths among children under 1 year per 1,000 live births, increased from 6.7 in 2016 to 10.0 in 2017; as indicated in the table below, the rolling 5 year averages show declines for Boone and Illinois, but an increase in Winnebago County.

Table 31

Infant Mortality Rates[a], 5-Year Moving Averages: Winnebago County, Boone County, and Illinois, 2010-2017			
Years	**Winnebago County**	**Boone County**	**Illinois**
2010-2014	6.5	5.7	6.5
2011-2015	6.0	5.2	6.3
2012-2016	6.2	3.5	6.3
2013-2017	7.0	*	6.2

Source: The Annie E. Casey Foundation, KIDS COUNT Data Center, [https://datacenter.kidscount.org]; Illinois Department of Public Health (IDPH). Infant Mortality Rates by Resident County, 5-year Moving Averages, Illinois Residents, Ending Years 2010-2017. [http://www.dph.illinois.gov/sites/default/files/IMR%205-year%20avg%202010-2017.pdf]

Table: Infant mortality rates in Illinois [https://datacenter.kidscount.org/data/tables/10433-infant-mortality-rates?loc=15&loct=5#detailed/5/2193,2290/true/1691,1607,1572,1485/any/20125]. Date Accessed: [03/09/2020].

Note: Asterisks (*) denote data that did not meet standards of reliability.

[a]Rate = deaths among children <1 year per 1,000 live births.

The Infant Mortality Rate by Race/Ethnicity shows a significant variance over the 2011-2017 time period.

Table 32

Infant Mortality Rate[a] by Race/Ethnicity, 7-Year Average: Winnebago County and Boone County, 2011-2017		
Race/Ethnicity	**Winnebago County**	**Boone County**
White	5.0	*
Black	13.0	*
Hispanic	4.0	*

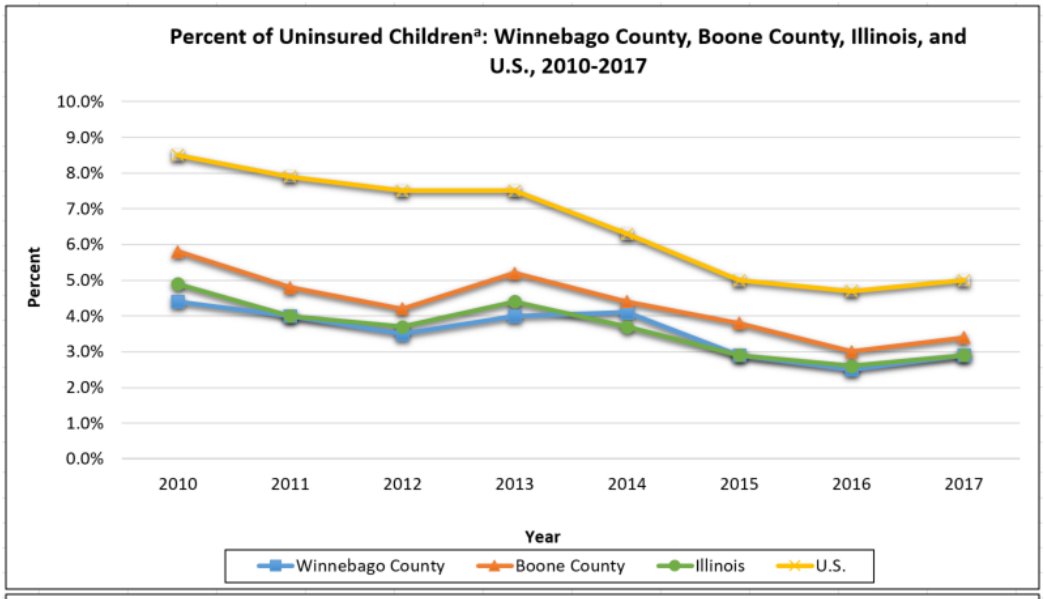
Source: Robert Wood Johnson Foundation. University of Wisconsin Population Health Institute. County Health Rankings & Roadmaps 2019. [https://www.countyhealthrankings.org/app/illinois/2019/rankings/winnebago/county/outcomes/overall/snapshot] [https://www.countyhealthrankings.org/app/illinois/2019/rankings/boone/county/outcomes/overall/snapshot]. Data Accessed: [03/09/2020].

[a]Rate = deaths among children <1 year per 1,000 live births.

Note: Asterisks (*) denote suppressed data with less than 20 infant deaths in the time frame.

With the implementation of the Affordable Care Act, the uninsured rate for children declined steadily from 2010-2016; in 2017 there was an increase for the first time in 6 years.

Chart 16



Source: U.S. Census Bureau, Small Area Health Insurance Estimates (SAHIE), 2010-2017
Table: Percent Insured or Uninsured - [https://www.census.gov/data- tools/demo/sahie/#/?s_statefips=17&s_stcou=17007,17201&s_agecat=4&s_measures=ui_snc&s_year=2017,2016,2015,2014,2013,2011,2012,2010&map_yearSelector=2010]. Date Accessed: [03/09/2020]. [a]Children: Individuals under 19 years

Overall, the child mortality rate for Winnebago County is above the Illinois rate. The disparity is of particular note for Black children.

Table 33

Child Mortality Rate[a] by Race/Ethnicity, 4-Year Average: Winnebago County, Boone County, and Illinois, 2014-2017	
Location	**Rate Per 100,000 Population**
Illinois	52.0
Winnebago County	70.0
White	63.0
Black	125.0
Hispanic	45.0
Boone County	24.0
White	*
Black	*
Hispanic	*

Source: Robert Wood Johnson Foundation. University of Wisconsin Population Health Institute. County Health Rankings & Roadmaps 2019. [https://www.countyhealthrankings.org/app/illinois/2019/rankings/winnebago/county/outcomes/overall/snapshot] [https://www.countyhealthrankings.org/app/illinois/2019/rankings/boone/county/outcomes/overall/snapshot]. Date Accessed: [03/09/2020].

[a]Number of deaths among children <18 years per 100,000 population.

Note: Asterisks (*) denote suppressed data with less than 10 child deaths in the time frame.

The percentage of low birthweight babies has increased in Winnebago County in 2017 and 2018; Boone County also saw an increase in low birthweight babies in 2018. The State of Illinois shows slight increases since 2014.

Table 34

Annual Percent of Low Birth Weight[a] Births: Winnebago County, Boone County, and Illinois, 2010-2018			
Year	**Winnebago County**	**Boone County**	**Illlinois**
2010	8.7%	8.2%	8.3%
2011	8.2%	9.5%	8.2%
2012	8.1%	7.0%	8.2%
2013	8.2%	6.0%	8.3%
2014	8.0%	7.8%	8.2%
2015	9.4%	7.1%	8.3%
2016	8.4%	6.1%	8.4%
2017	9.7%	5.9%	8.5%
2018	9.9%	7.2%	8.6%

Source: Illinois Department of Public Health, Birth Characteristics by Resident County [http://www.dph.illinois.gov/data-statistics/vital-statistics/birth-statistics/more-statistics]. Date Accessed: [03/09/2020].

[a]Live births weighing <2,500 grams (~5 lbs., 8oz.)

The disparity is greater for Black children.

Table 35

Percent of Low Birth Weight[a] Births by Race/Ethnicity, 7-Year Average: Winnebago County and Boone County, 2011-2017		
Race/Ethnicity	**Winnebago County**	**Boone County**
White	7.0%	7.0%
Black	14.0%	10.0%
Hispanic	6.0%	7.0%

Source: Robert Wood Johnson Foundation. University of Wisconsin Population Health Institute. County Health Rankings & Roadmaps 2019. [https://www.countyhealthrankings.org/app/illinois/2019/rankings/winnebago/county/outcomes/overall/snapshot] [https://www.countyhealthrankings.org/app/illinois/2019/rankings/boone/county/outcomes/overall/snapshot]. Date Accessed: [03/09/2020].

[a]Percentage of live births weighing <2,500 grams (~5 lbs., 8oz.)

Per the Illinois Hospital Report Card, there is variation in the delivery rates for Cesarean Section, Vaginal Births after Cesarean among hospitals in Winnebago County and compared to Illinois overall.

Table 36

Maternal Safety and Utilization Characteristics by Hospital: Winnebago County, 2017				
Characteristics	**Mercyhealth Hospital-Rockton Avenue**	**OSF Saint Anthony Medical Center**	**SwedishAmerican Hospital**	**Illinois**
Cesarean Section Delivery[a]	307.0	374.7	310.8	274.8
Primary Cesarean Delivery Rate[b]	152.9	255.9	189.7	156.7
Uncomplicated Vaginal Births After Cesarean[c]	91.1	62.5	126.0	144.8
Total Vaginal Births After Cesarean[d]	96.64	57.5	125.4	144.1

Source: Illinois Hospital Report Card [http://www.healthcarereportcard.illinois.gov/searches/county/Winnebago]. Date Accessed: [03/10/2020].

Note: No hospitals listed by source for Boone County. However, the majority of mothers in Boone County typically deliver at one of these three hospitals in Winnebago County.

[a]Number of hospital-level Cesarean deliveries per 1,000 deliveries.

[b]Number of Cesarean deliveries per 1,000 deliveries in women with no history of previous Cesarean delivery.

[c]Number of hospital-level uncomplicated vaginal deliveries after Cesarean per 1,000 deliveries.

[d]Number of all hospital-level vaginal deliveries (both uncomplicated and complicated) after Cesarean per 1,000 deliveries.

For children delivered in Winnebago County hospitals, there is variation in breastfeeding rates.

Table 37

Breast Feeding Characteristics of Newborns by Hospital: Winnebago County, 2017			
Breast Feeding Characteristics	Mercyhealth Hospital-Rockton Avenue	OSF Saint Anthony Medical Center	SwedishAmerican Hospital
Exclusively breast fed[a]	55.3%	74.8%	66.1%
Exclusively formula fed[b]	27.9%	15.7%	14.8%
"Any" breast feeding[c]	71.3%	82.9%	83.9%

Source: Illinois Hospital Report Card [http://www.healthcarereportcard.illinois.gov/searches/county/Winnebago]. Date Accessed: [03/10/2020].

Note: No hospitals listed by source for Boone County.

[a]Percentage of newborns discharged from the hospital that are exclusively breast fed.

[b]Percentage of newborns discharged from the hospital that are exclusively formula fed.

[c]Percentage of newborns discharged from the hospital with 'any' breast feeding (includes exclusive breast feeding or mixed breast and formula feeding).

Smoking and alcohol consumption during pregnancy continues to be a concern; year-to-year variation is noted.

Table 38

Number of Live Births to Mothers Who Smoked During Pregnancy[a]: Winnebago County, Boone County, and Illinois, 2013-2017			
Year	Winnebago County	Boone County	Illinois
2013	522	63	12,975
2014	505	52	12,869
2015	571	54	12,535
2016	701	61	16,467
2017	593	77	11,457

Source: Illinois Department of Public Health Vital Statistics & IDPH Illinois Center for Health Statistics via IQuery [https://iquery.illinois.gov/dataquery/Default.aspx]. Data Accessed: [03/10/2020].

[a]Defined as those who indicated this status on the birth certificate.

Table 39

Number of Live Births to Mothers Who Drank Alcohol During Pregnancy: Winnebago County, Boone County, and Illinois, 2013-2017			
Year	**Winnebago County**	**Boone County**	**Illinois**
2013	32	[a]	884
2014	33	[a]	762
2015	17	[a]	770
2016	30	0	1,021
2017	[a]	[b]	532

Source: Illinois Department of Public Health Vital Statistics & IDPH Illinois Center for Health Statistics via IQuery [https://iquery.illinois.gov/dataquery/Default.aspx]. Data Accessed: [03/10/2020].

[a]Data listed by source as "1 to 10".

[b]Source provided no data.

WIC clients in Winnebago and Boone Counties receive a variety of services as indicated in the charts below. There is general consistency across the counties.

Chart 17

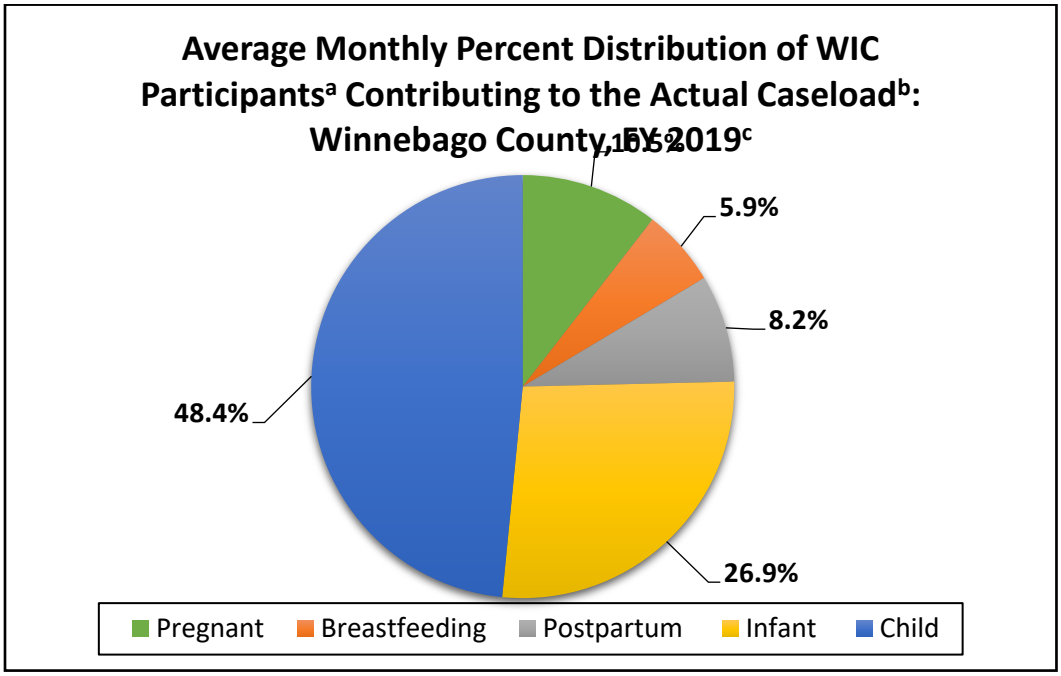
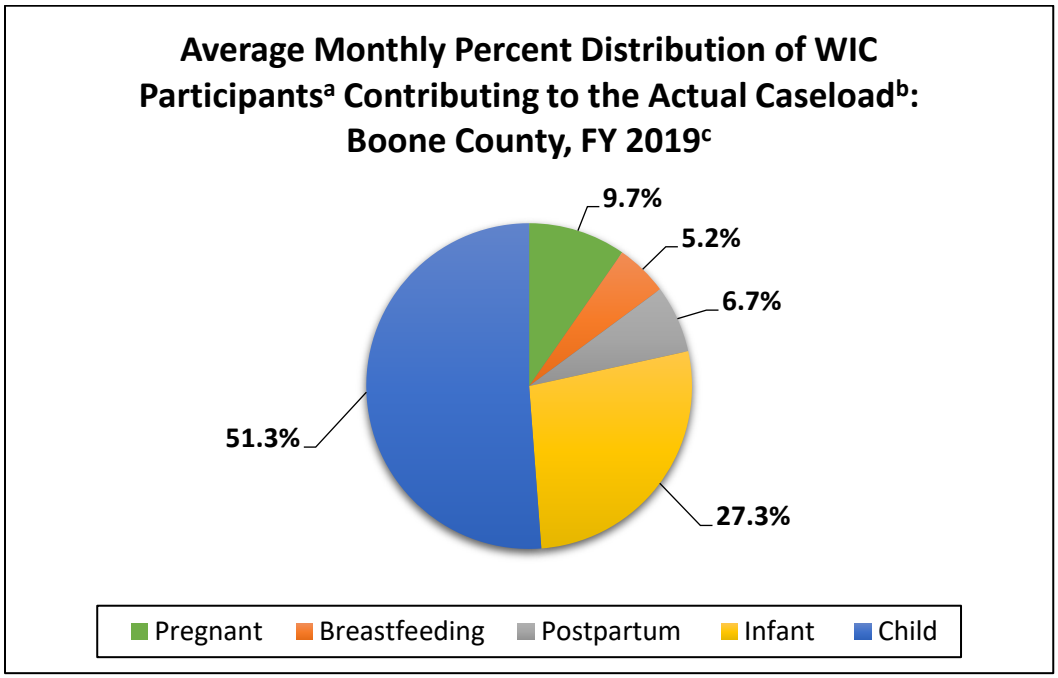


Chart 18



There has been a decrease in the percentage of WIC clients exclusively breastfeeding in Winnebago County and in Illinois from 2014-2018 at 4 week, 8 week, and 12 week milestones.

Table 40

Annual WIC Breastfeeding Report, by Breastfeeding Exclusivity and Duration: Winnebago County Health Department, 2014-2018								
	Breastfeeding Exclusivity						Breastfeeding Duration	
	At 4 Weeks		At 8 Weeks		At 12 Weeks		At 6 Months	
Year[a]	Total Infants	% Exclusively Breastfed	Total Infants	% Exclusively Breastfed	Total Infants	% Exclusively Breastfed	Ever Breastfed	% Any Breastfeeding
2014	1,909	16.3%	2,006	9.9%	2,079	9.5%	1,358	17.3%
2015	1,793	14.8%	1,993	10.6%	2,066	9.1%	1,416	15.0%
2016	1,715	18.7%	1,921	11.8%	1,972	10.2%	1,314	16.4%
2017	1,497	19.8%	1,791	9.4%	1,875	8.5%	1,251	14.3%
2018	1,207	14.9%	1,589	6.9%	1,728	5.8%	1,131	12.1%

Source: Illinois Department of Human Services, WIC & FCM Quarterly Performance Reports, Annual WIC Breastfeeding Reports [http://www.dhs.state.il.us/page.aspx?item=32729]. Date Accessed: [03/10/2020].

Winnebago and Boone Counties show a higher rate of Adequate Prenatal Care than the State of Illinois.

Table 41

Percentage of Births Receiving Adequate Prenatal Care: Winnebago County, Boone County, and Illinois, 2017-2018			
Year	Winnebago County	Boone County	Illinois
2017	83.3%	85.9%	76.5%
2018	83.6%	84.7%	77.9%

Source: Illinois Department of Public Health, Birth Characteristics by Resident County, 2017 [http://www.dph.illinois.gov/data-statistics/vital-statistics/birth-statistics/more-statistics]. Date Accessed: [03/18/2020].

Note: Previous years of data are not included as the 'Adequate Prenatal Care' field was a new addition to this report in 2017. Unknowns were excluded from the denominator in the calculation of this percentage.

Within the WCHD Better Birth Outcomes program, the most recent data indicates a decrease in the percentage of participants who received adequate prenatal care.

Table 42

Percent of Active Better Birth Outcome (BBO) Program[a] Participants Delivering During the Report Period Who Received Adequate Prenatal Care Based on the Kotelchuck Prenatal Care Index[b]: Winnebago County Health Department (WCHD), and Illinois, FY 2019-FY 2020

Year[c], Quarter[d]	WCHD	Illinois
FY 19, Q1	83.3%	66.7%
FY 19, Q2	89.2%	65.7%
FY 19, Q3	86.4%	70.9%
FY 19, Q4	94.1%	67.5%
FY 20, Q1	86.4%	62.2%
FY 20, Q2	77.8%	76.8%

Source: Illinois Department of Human Services, WIC & FCM Quarterly Performance Reports, Better Birth Outcomes Report [http://www.dhs.state.il.us/page.aspx?item=95534]. Date Accessed: [03/18/2020].

Note: Boone County data was not provided in this report.

[a]Prenatal education curriculum and case management for high-risk, Medicaid eligible pregnant women that emphasizes the importance of prenatal care and reproductive life planning. Enrollment spans the duration of pregnancy through six weeks postpartum.

[b]Index measuring the adequacy of prenatal care utilization with a composite score based upon two elements: the timeframe prenatal care was initiated and the number of prenatal visits from initiation through delivery.

[c]Fiscal Year: July 1 - June 20

[d]Quarter 1: July 1 - September 20 Quarter 2: October 1 - December 31 Quarter 3: January 1 - March 31 Quarter 4: April 1 - June 30

Exposure to lead is a concern for children; Winnebago County lead exposure rates are higher than the overall rate for Illinois and Boone County.

Table 43

Estimated Population and Children Tested[a] for Blood Lead: Winnebago County, Boone County, and Illinois, 2017					
Location	**Estimated Population ≤6 Years**	**Total Tested**	**< 5µg/dL**	**5µg/dL - 9µg/dL**	**≥ 10µg/dL**
Illinois	1,103,797	229,203	96.8%	2.4%	0.7%
Winnebago County	24,920	6,240	95.8%	3.0%	1.1%
Boone County	4,367	1,020	98.0%	1.3%	0.7%

Source: Illinois Department of Public Health - Illinois Lead Program: 2017 Annual Surveillance Report, February 2019 [http://www.dph.illinois.gov/sites/default/files/publications/lead-surveillance-report-2017-20.pdf]. Date Accessed: [03/09/2020].

[a]Via capillary/venous blood draw

Table 44

Proportion of Children Tested[a] for Blood Lead by Medicaid Status: Winnebago County, Boone County, and Illinois, 2017							
		Medicaid-Enrolled			**Non-Medicaid Enrolled**		
Location	**Total Tested**	**% Tested**	**≥ 5µg/dL**	**≥ 10µg/dL**	**% Tested**	**≥ 5µg/dL**	**≥ 10µg/dL**
Illinois	229,203	69.4%	3.4%	0.8%	30.6%	2.7%	0.7%
Winnebago County	6,240	76.4%	4.2%	1.0%	23.6%	4.1%	1.4%
Boone County	1,020	75.6%	1.4%	0.3%	24.4%	3.6%	2.0%

Source: Illinois Department of Public Health - Illinois Lead Program: 2017 Annual Surveillance Report, February 2019 [http://www.dph.illinois.gov/sites/default/files/publications/lead-surveillance-report-2017-20.pdf]. Date Accessed: [03/09/2020].

[a]Via capillary/venous blood draw

Children receiving assistance through the IDHS Childcare Assistance Program (CCAP) declined for Winnebago County residents in 2016 and 2017 from a high of 3,676 in 2015 to 2,535 in 2017. Similar decreases were seen in Boone County and Illinois. For the most recent year the age distribution of recipients is shown below.

Table 45

Annual Number of Children Receiving Assistance by Family Location[a], Childcare Assistance Program (CCAP): Winnebago County, Boone County, and Illinois, FY 2017[b]

Location	0-1 year	2 years	3-4 years	5 years	≤ 5 years
Winnebago County	648	515	981	391	2,535
Boone County	60	35	89	29	213
Illinois	18,169	15,248	31,173	12,532	77,122

Source: Illinois Department of Human Services (IDHS)

Table: Illinois Early Childhood Asset Map (IECAM) [https://search.iecam.illinois.edu/cgi-bin/iecam/search.asp]. Date Accessed: [03/05/2020].

[a]Children whose families received assistance from IDHS for childcare, according to the location of the family's home. Determination of receipt of assistance is based upon payment being issued to a child care center/home within 3 months following the specified month.

[b]July 1 - June 30

Childcare and Early Education programs are available for Winnebago and Boone County families.

Table 46

Childcare and Early Education Programs: Winnebago County, Boone County, and Illinois, FY[a] 2018			
Program	**Winnebago County**	**Boone County**	**Illinois**
Head Start Program[b]			
Number of Sites[c]	6	1	595
Funded Enrollment[d]	559	34	26,474
Licensed Child Care Centers			
Number of Sites[e]	34	6	2,256
Family Childcare Homes[f]			
Number of Sites[g]	215	19	5,387
ISBE Preschool for All (PFA)[h]			
Number of Sites[i]	10	2	1,326
IDHS Early Intervention Program[j]			
Number of Children Served[k]	468	85	22,342

Sources: Head Start Collaboration Office (FY 2018), Illinois Network of Child Care Resource and Referral Agencies (INCCRRA) (FY 2018), Illinois State Board of Education (ISBE) (FY 2017), Illinois Department of Human Services (IDHS) Early Intervention Program (FY 2018) Tables: Illinois Early Childhood Asset Map (IECAM) [https://search.iecam.illinois.edu/cgi-bin/iecam/search.asp]. Date Accessed: [03/05/2020].

[a]July 1 - June 30

[b]Federally-funded program providing early childhood developmental services to children from low-income families.

[c]Number of sites at which children are served in Head Start. Includes only center-based service, does not include home-based service.

[d]Total number of children that a Head Start center is funded by the Office of Head Start to enroll at any one time.

[e]Number of DCFS licensed child care centers in a geographic area. Center Inclusion Criteria: regulation status of "regulated/licensed" and a center type designation of "Child Care Center", "CCC Park/Recreation only", or "Preschool". Center Exclusion Criteria: centers that are "Head Start-only" or "Preschool for All-only", centers that served no children, or centerse that served "summer only".

[f]Family homes where care is provided to more than three children--related/unrelated to the caregiver.

[g]Minimum known number of family child care homes licensed by DCFS in a geographic area.

[h]Illinois State Board of Education (ISBE), Division of Early Childhood Education funds the Preschool for All (PFA) Children program--educational program for 3-4 year olds determined at risk of academic failure, children from families of low/moderate income not at risk of academic failure, or other families that choose to participate. FY 2017 data.

[i]Number of sites where children are served in ISBE PFA programs.

[j]Program providing resources/support to families of infants/toddlers (0-3 years) with diagnosed disabilities/developmental delays/substantial risk of significant delays to maximize child's development.

[k]Number of children (<1 year, 1 year, and 2 years of age) served by the Early Intervention (EI) program of the Illinois Department of Human Services (IDHS).

SUPPLEMENTAL TABLES FOR SECTION 3

- Percent of Population <5 Years by Race/Ethnicity, 5-Year Estimate, Winnebago, Boone and IL, 2013-2017
- Births to Teen Mothers by County, IL 2017
- Access to Care, Rate of Clinicians per 100,000 Population: Winnebago, Boone and IL, 2015-2017
- Infant Deaths, Births, and Death Rates: Winnebago, Boone and IL, 2010-2017
- Annual WIC Breastfeeding Report, by Breastfeeding Exclusivity and Duration: IL, 2014-2018
- Children Identified with Elevated Blood Lead Levels by Region in IL, 2017
- Annual Percent of Children Tested with Confirmed Blood Lead Levels Between >5 mc/dL and <10mc/dL and Confirmed Blood Levels of 10 mc/dL or Greater: Winnebago, Boone, IL and U.S., 2010-2014
- Rates of Child Abuse and Neglect, 40 Largest IL Counties, 2012-2014
- Annual Number of Substantiated Cases of Child Abuse and Neglect: Winnebago, Boone, and IL, FY2010-FY2014
- Three-Year Average Rate of Substantiated Cases of Child Abuse and Neglect: Winnebago, Boone and IL, FY2008-FY2014

Section 4 Mental Health and Substance Abuse

Winnebago County experiences a higher rate of Suicide than for Illinois overall. Similarly, Emergency Room rate for visits for mental health are higher than for Illinois; this disparity is across all age groups, except 85+. Opioid related deaths have increased in Winnebago County.

Emergency room visits for mental health conditions occurred at a rate of 2.9 per 100 ER visits in Winnebago County, 1.9 in Boone and 2.1 in Illinois. Individuals aged 15-24 have the highest rate of visits.

Table 47

Mental Health Emergency Room (ER) Visits [a]: Winnebago County, Boone County, and Illinois, 2010 - 2014						
	2014					
	Winnebago County		Boone County		Illinois	
	n	Rate	n	Rate	n	Rate
Total # Mental Health ER Visits	3,469	2.9	372	1.9	87,482	2.1
Age						
< 5 yrs.	4	[c]	0	0.0	216	0.1
5 - 14 yrs.	342	3.5	46	1.8	7,282	1.7
15-24 yrs.	719	3.9	99	3.4	21,079	3.1
25 - 34 yrs.	588	2.8	50	1.8	17,959	2.6
35 - 44 yrs.	583	3.4	50	1.9	13,704	0.4
45 - 54 yrs.	540	3.3	63	2.7	11,778	2.2
55 - 64 yrs.	324	2.9	30	2.1	7,379	1.9
65 - 74 yrs.	223	3.2	15	1.2	3,586	0.2
75 - 84 yrs.	102	2.2	[b]	[c]	2,651	1.5
85 +	44	1.5	12	2.9	1,848	1.8
Race						
White	2,363	3.4	292	2.1	50,892	2.4
Black	739	2.1	[b]	[c]	19,900	1.7
Hispanic	247	2.2	64	1.5	10,165	1.7
Other	68	3.3	[b]	[c]	1,330	1.7
Unknown	52	2.2	[b]	[c]	5,195	2.2
Sex						
Male	1,693	3.3	180	2.2	39,953	2.2
Female	1,776	2.6	192	1.8	47,529	2.0

Source: Illinois Department of Public Health (IDPH) Discharge Data via Iquery. (2014). ER Visit Mental Health, Boone, Winnebago, 2010-2014. [https://iquery.illinois.gov/dataquery/Default.aspx]. Date Accessed: February 26, 2020.

[a] "ER Visit Mental Health" is an emergency room (ER) visit for mental health condition, mental health principal diagnoses. Rate is per 100 ER visits.

[b] Data listed by source as "1 to 10".

[c] The value is small and is suppressed to ensure confidentiality and meaningful data.

The rate of deaths due to intentional self-harm is 15.7 per 100,000 in Winnebago County and is 11.3 in Illinois.

Table 48

Deaths Due to Intentional Self Harm [a]: Winnebago County, Boone County, and Illinois, 2014-2018						
	Winnebago County		Boone County		Illinois	
Year	n	Age-Adjusted Rate	n	Age-Adjusted Rate	n	Age-Adjusted Rate
2014 [b]	42	13.7	[g]	[g]	1,396	10.4
2015 [c]	40	13.7	[g]	[g]	1,361	10.3
2016 [d]	43	14.9	[h]	[g]	1,413	10.7
2017 [e]	36	11.6	[g]	[g]	1,472	11.2
2018 [f]	47	15.7	[g]	[g]	1,487	11.3

Source: Centers for Disease Control and Prevention, National Center for Health Statistics. Underlying Cause of Death 1999-2017 on CDC WONDER Online Database, released December, 2018. Data are from the Multiple Cause of Death Files, 1999-2017, as compiled from data provided by the 57 vital statistics jurisdictions through the Vital Statistics Cooperative Program. [http://wonder.cdc.gov/ucd-icd10.html]. Date Accessed: February 26, 2020.

Measures = deaths, population, age-adjusted rates per 100,000 population

[a] Intentional Self Harm = ICD-10 X60-X84 (intentional self-harm).

[c] 2014 populations: Illinois = 12,880,580; Winnebago = 288,542; Boone = 53,869

[d] 2015 populations: Illinois = 12,859,995; Winnebago = 287,078; Boone = 53,585

[e] 2016 populations: Illinois = 12,801,539; Winnebago = 285,873; Boone = 53,503

[f] 2017 populations: Illinois = 12,802,023; Winnebago = 284,778; Boone = 53,513

2018 populations: Illinois = 12,741,080; Winnebago = 284,081; Boone = 53,577

[g] Data are suppressed when the data meet the criteria for confidentiality constraints.

The rate of deaths due to mental and behavioral disorders is 36.2 per 100,000 in Winnebago County. The rate is 46.1 in Boone and 39.5 in Illinois.

Table 49

Deaths Due to Mental and Behavioral Disorders [a]: Winnebago County, Boone County, and Illinois, 2014-2018

Year	Winnebago County		Boone County		Illinois	
	n	rate	n	rate	n	rate
2014 [b]	217	75.2	22	40.8	6,475	50.3
2015 [c]	221	77.0	17	[g]	6,119	47.6
2016 [d]	168	58.8	16	[g]	5,987	46.8
2017 [e]	160	56.2	24	44.8	6,145	48.0
2018 [f]	143	36.2	28	46.1	6,281	39.5

Source: Centers for Disease Control and Prevention, National Center for Health Statistics. Underlying Cause of Death 1999-2017 on CDC WONDER Online Database, released December, 2018. Data are from the Multiple Cause of Death Files, 1999-2017, as compiled from data provided by the 57 vital statistics jurisdictions through the Vital Statistics Cooperative Program. [http://wonder.cdc.gov/ucd-icd10.html]. Date Accessed: February 26, 2020.

Measures = deaths, population, crude rates per 100,000 population

[a] Mental and Behavioral Disorders = ICD-10 F01 - F99 (mental and behavioural disorders).

[b] 2014 populations: Illinois = 12,880,580; Winnebago = 288,542; Boone = 53,869

[c] 2015 populations: Illinois = 12,859,995; Winnebago = 287,078; Boone = 53,585

[d] 2016 populations: Illinois = 12,801,539; Winnebago = 285,873; Boone = 53,503

[e] 2017 populations: Illinois = 12,802,023; Winnebago = 284,778; Boone = 53,513

[f] 2018 populations: Illinois = 12,741,080; Winnebago = 284,081; Boone = 53,577

[g] Death rates are flagged as unreliable when the rate is calculated with a numerator of 20 or less.

Poor mental health days reported for Winnebago and Boone Counties are slightly higher than overall for Illinois.

Table 50

Poor Mental Health Days & Frequent Mental Distress: Winnebago County, Boone County, Illinois, 2016			
	Winnebago County	**Boone County**	**Illinois**
Poor Mental Health Days [a]			
# Mentally Unhealthy Days	3.7	3.6	3.5
Frequent Mental Distress [b]			
% Frequent Mental Distress	11%	11%	10%

Source: Robert Wood Johnson Foundation. University of Wisconsin Population Health Institute. County Health Rankings & Roadmaps 2019. [https://www.countyhealthrankings.org/app/illinois/2019/rankings/winnebago/county/outcomes/overall/snapshot] [https://www.countyhealthrankings.org/app/illinois/2019/rankings/boone/county/outcomes/overall/snapshot]. Date Accessed: February 26, 2020.

[a] Average number of days adult (≥ 18 years) respondents reported that their mental health was not good in response to the Behavioral Risk Factor Surveillance System (BRFSS) question: 'Now thinking about your mental health, which includes stress, depression, and problems with emotions, for how many days during the past 30 days was your mental health not good?'.

[b] Frequent Mental Distress is the percentage of adults who reported ≥14 days in response to the question, "Now, thinking about your mental health, which includes stress, depression, and problems with emotions, for how many days during the past 30 days was your mental health not good?"

In Winnebago County and in Illinois 17.0% of all adults report that they would rate their heath as being poor or fair. In Boone County 16% report their health as being poor or fair.

Table 51

Age-Adjusted Percentage of Adults Reporting [a] Fair/Poor Health: Winnebago County, Boone County, and Illinois, 2016	
Location	**%**
Illinois	17.0%
Winnebago County	17.0%
Boone County	16.0%

Source: Robert Wood Johnson Foundation. University of Wisconsin Population Health Institute. County Health Rankings & Roadmaps 2019. [https://www.countyhealthrankings.org/app/illinois/2019/rankings/winnebago/county/outcomes/overall/snapshot] [https://www.countyhealthrankings.org/app/illinois/2019/rankings/boone/county/outcomes/overall/snapshot]. Date Accessed: February 26, 2020.

[a] Percentage of adult (≥ 18 years) Behavioral Risk Factor Surveillance System (BRFSS) respondents who responded 'Fair/Poor' to the question 'In general, would you say that your health is Excellent/Very good/Good/Fair/Poor?'.

In Winnebago County, adults indicated that on average they have 4.0 physically unhealthy day in a month and 3.7 mentally unhealthy days. This is similar to Boone County and Illinois.

Table 52

Age-Adjusted Average Number of Poor Physical and Mental Health Days Reported in the Past 30 Days: Winnebago County, Boone County, and Illinois, 2016			
Indicator	**Winnebago County**	**Boone County**	**Illinois**
Physically Unhealthy Days [a]	4.0	3.9	3.8
Mentally Unhealthy Days [b]	3.7	3.6	3.5

Source: Robert Wood Johnson Foundation. University of Wisconsin Population Health Institute. County Health Rankings & Roadmaps 2019. [https://www.countyhealthrankings.org/app/illinois/2019/rankings/winnebago/county/outcomes/overall/snapshot] [https://www.countyhealthrankings.org/app/illinois/2019/rankings/boone/county/outcomes/overall/snapshot]. Date Accessed: February 26, 2020.

[a] Average number of days adult (≥ 18 years) respondents reported that their physical health was not good in response to the Behavioral Risk Factor Surveillance System (BRFSS) question: 'Thinking about your physical health, which includes physical illness and injury, for how many days during the past 30 days was your physical health not good?'.

[b] Average number of days adult (≥ 18 years) respondents reported that their mental health was not good in response to the Behavioral Risk Factor Surveillance System (BRFSS) question: 'Now thinking about your mental health, which includes stress, depression, and problems with emotions, for how many days during the past 30 days was your mental health not good?'.

In Winnebago County 12% of adults indicated they had frequent physical distress in a month and 11% had frequent mental distress.

Table 53

Age-Adjusted Percentage of Adults Reporting Frequent Physical and Mental Distress in the Past 30 Days: Winnebago County, Boone County, and Illinois, 2016			
Indicator	**Winnebago County**	**Boone County**	**Illinois**
Frequent Physical Distress [a]	12.0%	11.0%	11.0%
Frequent Mental Distress [b]	11.0%	11.0%	10.0%

Source: Robert Wood Johnson Foundation. University of Wisconsin Population Health Institute. County Health Rankings & Roadmaps 2019. [https://www.countyhealthrankings.org/app/illinois/2019/rankings/winnebago/county/outcomes/overall/snapshot] [https://www.countyhealthrankings.org/app/illinois/2019/rankings/boone/county/outcomes/overall/snapshot]. Date Accessed: February 26, 2020.

[a] Percentage of adult (≥ 18 years) respondents reporting ≥14 days in response to the Behavioral Risk Factor Surveillance System (BRFSS) question: 'Thinking about your physical health, which includes physical illness and injury, for how many days during the past 30 days was your physical health not good?'.

[b] Percentage of adult (≥ 18 years) respondents reporting ≥14 days in response to the Behavioral Risk Factor Surveillance System (BRFSS) question: 'Now, thinking about your mental health, which includes stress, depression, and problems with emotions, for how many days during the past 30 days was your mental health not good?'.

In 2014 there were 280 Drug-Related Emergency Room Visits in Winnebago, 18 in Boone, and 7,913 visits throughout Illinois. This represents an upward trend in Drug-Related ER visits in Winnebago and Illinois since 2010. In 2014, Winnebago County had 2,480 Hospitalizations for Non-Medical Drug Abuse, in Boone there were 220, and in Illinois there were 127,255. This represents an increase in Boone County and a decrease throughout Illinois since 2010.

See Supplemental Tables for detail tables on Emergency Room and Hospitalizations.

In Winnebago County 1,145 adults were arrested for driving under the influence. In Boone 195 drivers were arrested and in Illinois 27,046 drivers were arrested. This represents a downward trend for Illinois.

Table 54

Arrests of Adult Drivers Under the Influence of Alcohol: Winnebago County, Boone County, and Illinois, 2013-2017			
Year	**Winnebago County**	**Boone County**	**Illinois**
2013	1,212	218	34,611
2014	1,071	258	32,822
2015	1,058	259	32,285
2016	1,145	195	27,046
2017	1,145	195	27,046
Source: Illinois Secretary of State via IQuery, Boone, Winnebago, Illinois (2013-2017). Total Arrests of Adult Drivers Under the Influence of Alcohol (DUI) - Boone, Winnebago, Illinois, 2013-2017. [https://iquery.illinois.gov/dataquery/Default.aspx]. Date Accessed: March 6, 2020.			

Note: Verified in IQuery and the numbers for 2016/17 were identical

Winnebago County 18% of adults report binge or heavy drinking within the past 30 days. In Boone County and Illinois 21% of adults report binge or excessive drinking. These numbers have remained relatively constant since 2017. Of the 148 driving deaths in Winnebago County, 56 (38%) involved alcohol. Of the 31 driving deaths in Boone, 9 (29%) involved alcohol. Of the 5,088 driving deaths in Illinois, 1,657 (33%) involved alcohol.

Table 55

Drug & Alcohol Behaviors: Winnebago County, Boone County, Illinois, 2015 - 2019									
	2017			2018			2019		
	Winnebago County	Boone County	Illinois	Winnebago County	Boone County	Illinois	Winnebago County	Boone County	Illinois
% Excessive Drinking [a]	19%	20%	21%	18%	21%	21%	18%	21%	21%
Alcohol-Impaired Driving Deaths [b]									
# Alcohol-Impaired Driving Deaths	48	9	1,635	60	7	1,639	56	9	1,657
# Driving Deaths	136	38	4,787	150	33	4,951	148	31	5,088
% Alcohol-Impaired	35%	24%	34%	40%	21%	33%	38%	29%	33%

Source: Robert Wood Johnson Foundation. University of Wisconsin Population Health Institute. County Health Rankings & Roadmaps 2019. [https://www.countyhealthrankings.org/app/illinois/2019/rankings/winnebago/county/outcomes/overall/snapshot]. [https://www.countyhealthrankings.org/app/illinois/2019/rankings/boone/county/outcomes/overall/snapshot]. Date Accessed: March 6, 2020.

[a] Percentage of adults reporting binge or heavy drinking in the past 30 days. The 2019 County Health Rankings used data from 2006-2016 for this measure. Excessive Drinking estimates are produced from one year of survey data and are created using complex statistical modeling. Limitations: First, excessive drinking is often underreported in surveys because of recall bias, social desirability response bias, and non-response bias.[1] Second, BRFSS changed the definition of excessive drinking for women in 2006; this means that there will be a higher prevalence in recent years compared to prior years for women.[1] Third, the measure does not include youth drinking prevalence, and binge drinking accounts for 90% of alcohol consumption for youth ages 12-17. The numerator is the number of adult respondents reporting either binge drinking or heavy drinking. Binge drinking is defined as a woman consuming more than four alcoholic drinks during a single occasion or a man consuming more than five alcoholic drinks during a single occasion. Heavy drinking is defined as a woman drinking more than one drink on average per day or a man drinking more than two drinks on average per day. The denominator is the total number of adult BRFSS survey respondents.

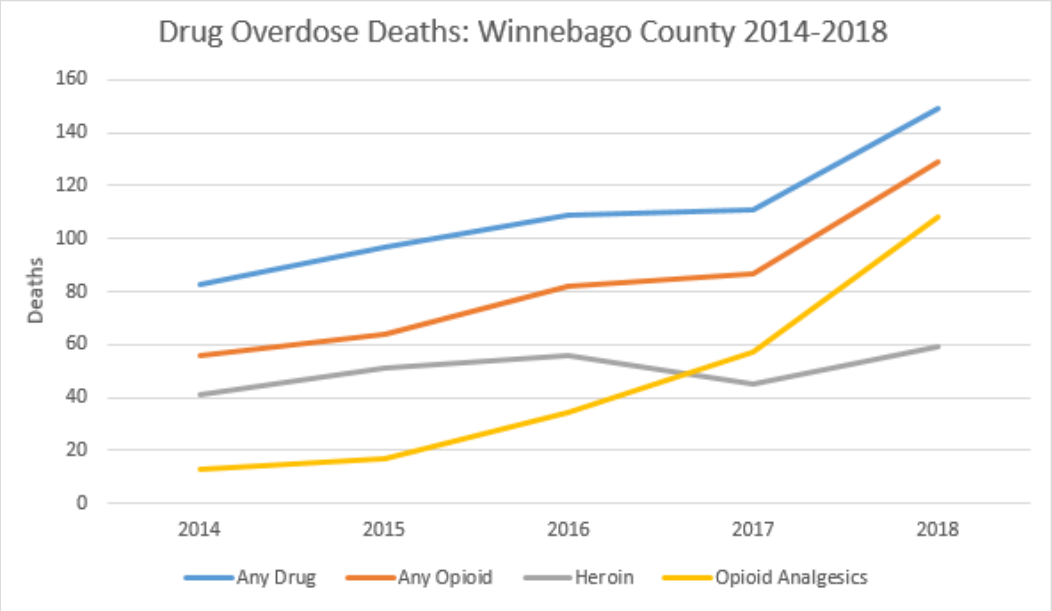
[b] Percentage of driving deaths with alcohol involvement. The 2019 County Health Rankings used data from 2009-2017 for this measure. Limitations: This measure considers the percentage of crash deaths involving alcohol, not the number of total crashes or the number of total crashes involving alcohol. Another limitation of this measure is that not all fatal motor vehicle traffic accidents have a valid blood alcohol test, so these data are likely an undercount of actual alcohol involvement. A final limitation is that even though alcohol is involved in all cases of alcohol-impaired driving, there can be a large difference in the degree to which it was responsible for the crash (e.g. someone with a 0.01 BAC vs. 0.35 BAC). The numerator is the total number of alcohol-impaired motor vehicle crash deaths in a 5-year period. The National Highway Traffic Safety Administration defines a fatal crash as alcohol-related or alcohol-involved if either a driver or a non-motorist (usually a pedestrian or bicyclist) had a measurable or estimated blood alcohol concentration of 0.01 grams per deciliter or above. The denominator is the total number of motor vehicle crash deaths in a 5-year period.

[c] Number of drug poisoning deaths per 100,000 population. The 2019 County Health Rankings used data from 2006-2017 for this measure. The numerator includes deaths from accidental, intentional, and undetermined drug poisoning by and exposure to: 1) nonopioid analgesics, antipyretics and antirheumatics, 2) antiepileptic, sedative-hypnotic, antiparkinsonism and psychotropic drugs, not elsewhere classified, 3) narcotics and psychodysleptics [hallucinogens], not elsewhere classified, 4) other drugs acting on the autonomic nervous system, and 5) other and unspecified drugs, medicaments and biological substances, over a 3-year period. ICD-10 codes used include X40-X44, X60-X64, X85, and Y10-Y14. The denominator is the aggregate annual population over a 3-year period.

[d] Category is "Drug Poisoning Deaths" in the 2015 dataset.

In 2018 in Winnebago County there were 149 deaths due to any drug. There were 129 deaths due to any opioid. There were 59 deaths due to heroin. There were 108 deaths due to opioid analgesics.

Chart 19

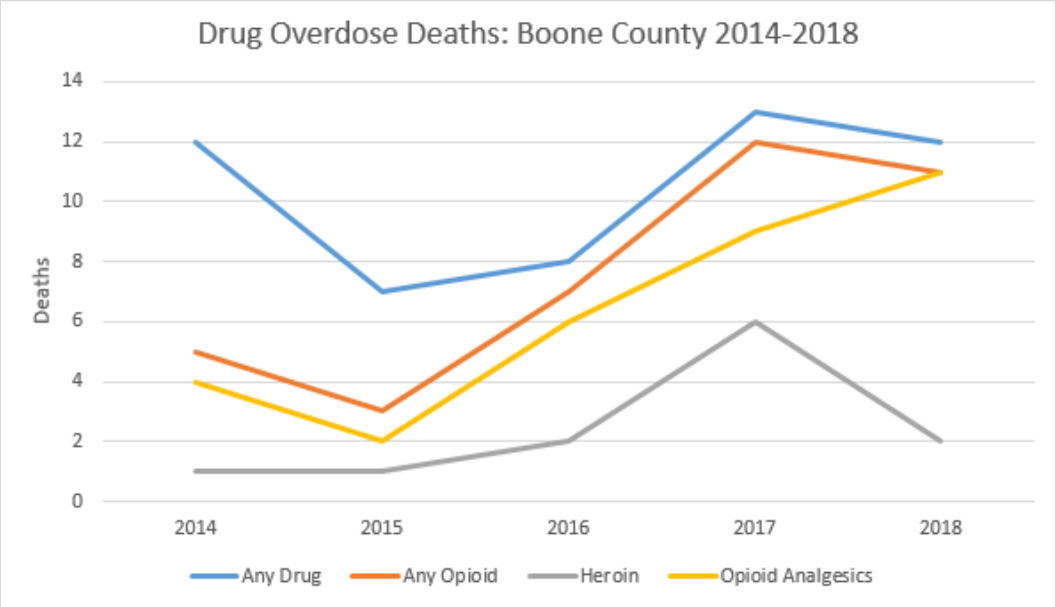


[http://www.dph.illinois.gov/sites/default/files/Drug%20Overdose%20Deaths%20-%20August%202019.pdf]. Date Accessed: March 6, 2020.

Drug Sub-Categories: "Any Drug" = Deaths in which drug overdose (poisoning) was reported as the underlying cause of death (ICD-10 codes X40-X44, X60-X64, X85, Y10-Y14).
"Any Opiod" = Any Opioid - Drug overdose deaths in which any opioid drug was reported as a contributing cause of death (ICD-10 codes T40.0, T40.1, T40.2, T40.3, T40.4, T40.6). This category is a subset of the "Any Drug" category.
"Heroin" = Drug overdose deaths in which heroin was reported as a contributing cause of death (ICD-10 code T40.1). This category is a subset of the "Any Opioid" category.
"Opiod Analgesics" = Drug overdose deaths in which any opioid analgesic was reported as a contributing cause of death (ICD-10 codes T40.2, T40.3, T40.4). This category is a subset of the "Any Opioid" category.

In 2018 in Boone County there were 12 deaths due to any drug. There were 11 deaths due to any opioid. There were 2 deaths due to heroin. There were 11 deaths due to opioid analgesics.

Chart 20

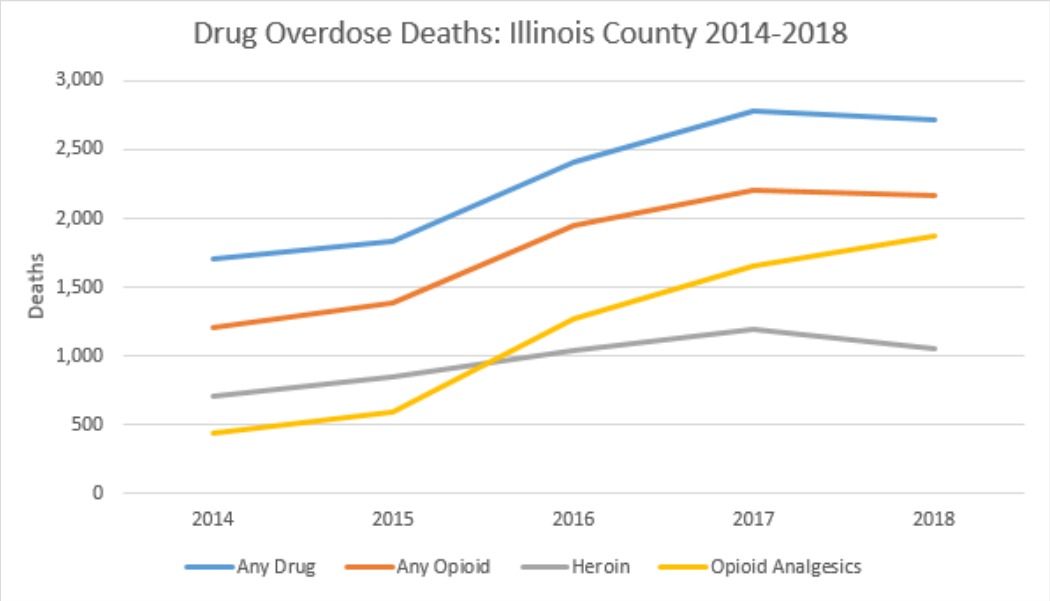


[http://www.dph.illinois.gov/sites/default/files/Drug%20Overdose%20Deaths%20-%20August%202019.pdf]. Date Accessed: March 6, 2020.

Drug Sub-Categories: "Any Drug" = Deaths in which drug overdose (poisoning) was reported as the underlying cause of death (ICD-10 codes X40-X44, X60-X64, X85, Y10-Y14).
"Any Opiod" = Any Opioid - Drug overdose deaths in which any opioid drug was reported as a contributing cause of death (ICD-10 codes T40.0, T40.1, T40.2, T40.3, T40.4, T40.6). This category is a subset of the "Any Drug" category.
"Heroin" = Drug overdose deaths in which heroin was reported as a contributing cause of death (ICD-10 code T40.1). This category is a subset of the "Any Opioid" category.
"Opiod Analgesics" = Drug overdose deaths in which any opioid analgesic was reported as a contributing cause of death (ICD-10 codes T40.2, T40.3, T40.4). This category is a subset of the "Any Opioid" category.

In 2018 in Illinois there were 2,722 deaths due to any drug. There were 2,167 deaths due to any opioid. There were 1,050 deaths due to heroin. There were 1,872 deaths due to opioid analgesics.

Chart 21

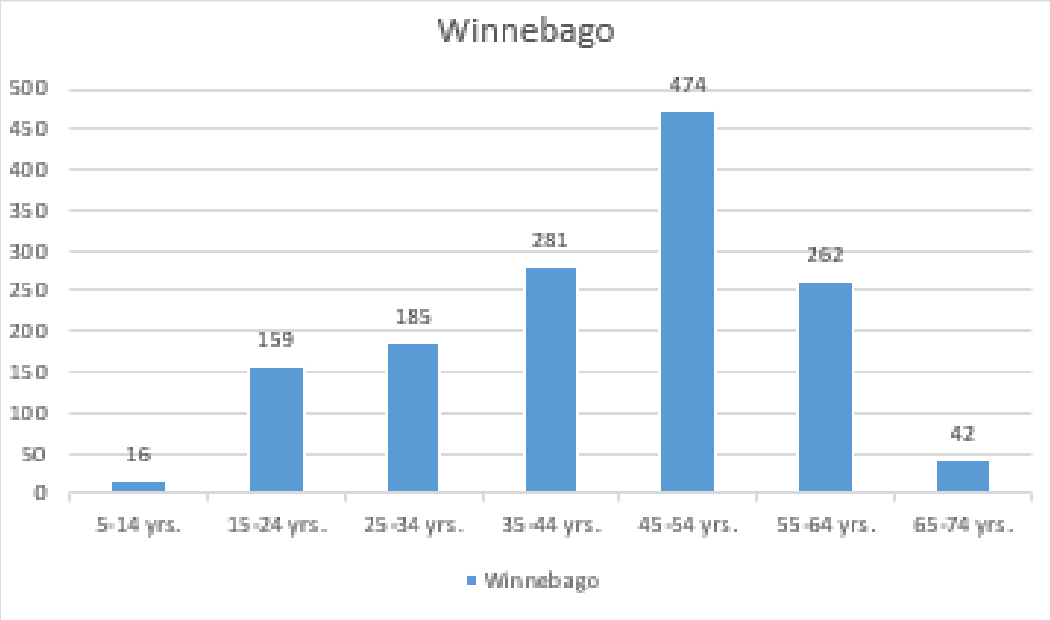


[http://www.dph.illinois.gov/sites/default/files/Drug%20Overdose%20Deaths%20-%20August%202019.pdf]. Date Accessed: March 6, 2020.

Drug Sub-Categories: "Any Drug" = Deaths in which drug overdose (poisoning) was reported as the underlying cause of death (ICD-10 codes X40-X44, X60-X64, X85, Y10-Y14).
"Any Opiod" = Any Opioid - Drug overdose deaths in which any opioid drug was reported as a contributing cause of death (ICD-10 codes T40.0, T40.1, T40.2, T40.3, T40.4, T40.6). This category is a subset of the "Any Drug" category.
"Heroin" = Drug overdose deaths in which heroin was reported as a contributing cause of death (ICD-10 code T40.1). This category is a subset of the "Any Opioid" category.
"Opiod Analgesics" = Drug overdose deaths in which any opioid analgesic was reported as a contributing cause of death (ICD-10 codes T40.2, T40.3, T40.4). This category is a subset of the "Any Opioid" category.

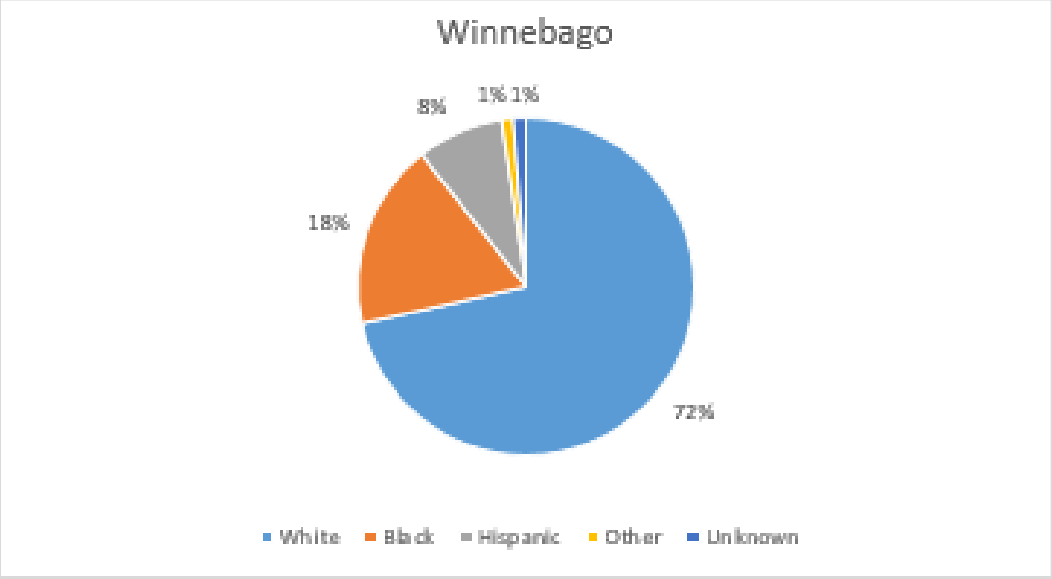
In Winnebago County there were 1,439 Alcohol-Related Emergency Room Visits. 45-54 year olds were the demographic with the most visits. White individuals made up 72% of the visits, while Blacks made up 18% and Hispanics made up 8%.

Chart 22



Source: Illinois Department of Public Health. (2010-2014). IDPH Discharge Data via Iquery, ER Visit Alcohol Related - Boone, Winnebago, Illinois, 2010-2014. [https://iquery.illinois.gov/dataquery/Default.aspx]. Date Accessed March 6, 2020.
*Note: <5 and ≥75 has been supresseddue to small cell values

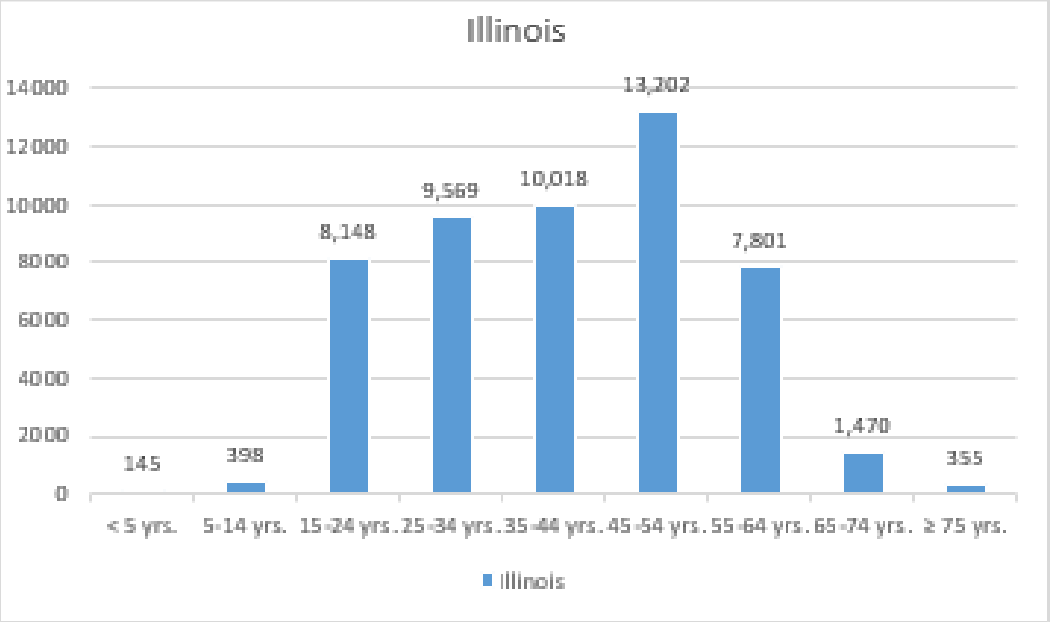
Chart 23



Source: Illinois Department of Public Health. (2010-2014). IDPH Discharge Data via Iquery, ER Visit Alcohol Related - Boone, Winnebago, Illinois, 2010-2014. [https://iquery.illinois.gov/dataquery/Default.aspx]. Date Accessed March 6, 2020.

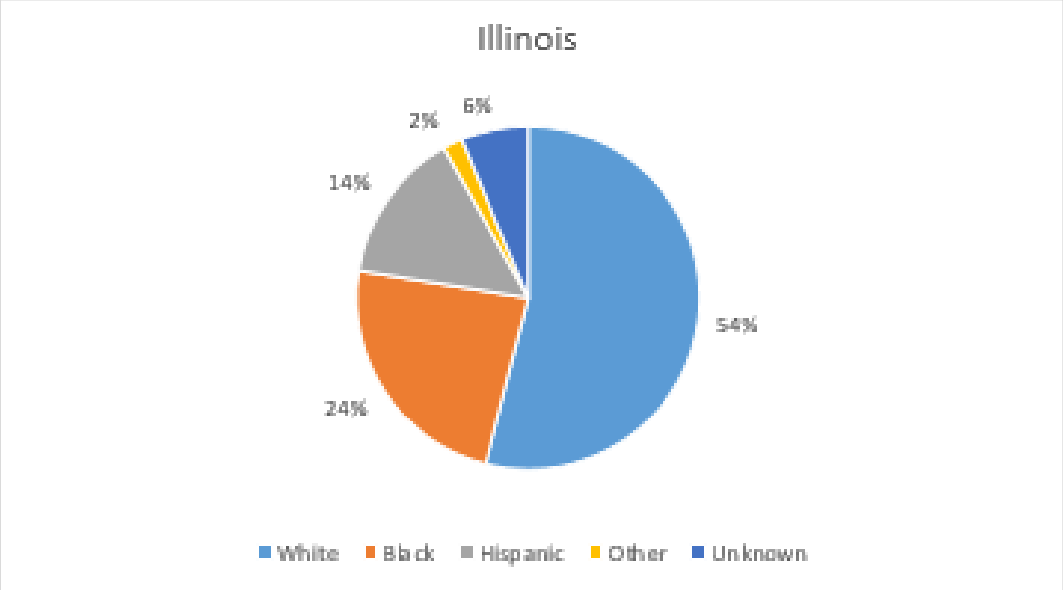
In Illinois there were 51,106 Alcohol-Related Emergency Room Visits. 45-54 year olds were the demographic with the most visits. White individuals made up 54% of the visits, while Blacks made up 24% and Hispanics made up 14%.

Chart 24



Source: Illinois Department of Public Health. (2010-2014). IDPH Discharge Data via Iquery, ER Visit Alcohol Related - Boone, Winnebago, Illinois, 2010-2014. [https://iquery.illinois.gov/dataquery/Default.aspx]. Date Accessed March 6, 2020.

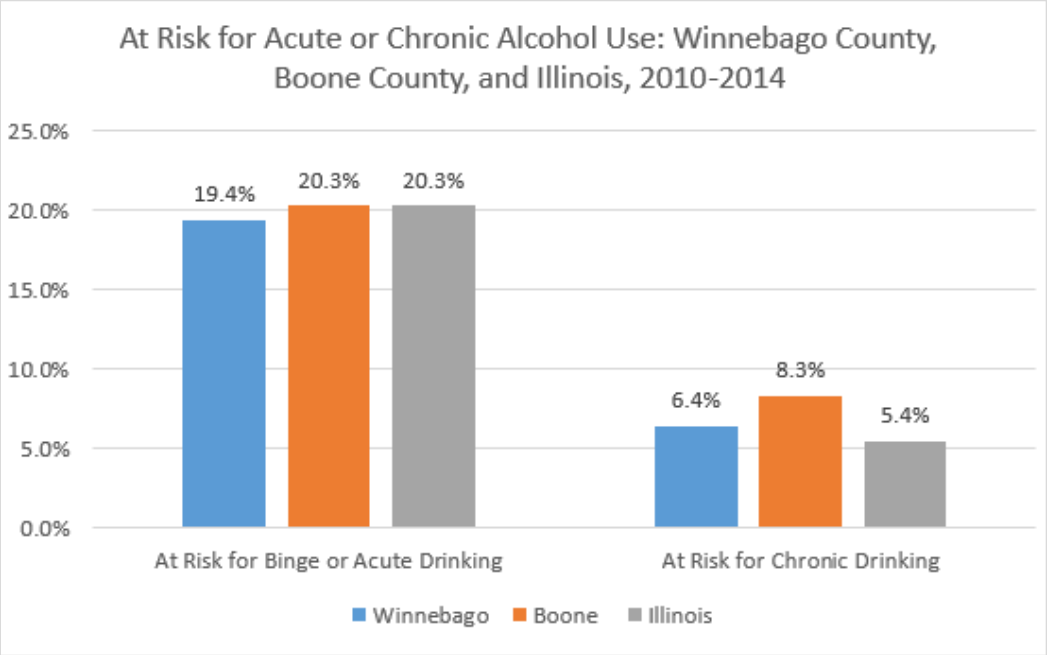
Chart 25



Source: Illinois Department of Public Health. (2010-2014). IDPH Discharge Data via Iquery, ER Visit Alcohol Related - Boone, Winnebago, Illinois, 2010-2014. [https://iquery.illinois.gov/dataquery/Default.aspx]. Date Accessed March 6, 2020.

19.4% of individuals in Winnebago, 20.3% in Boone. And 20.3% in Illinois are at risk for binge drinking. 6.4% of individuals in Winnebago, 8.3% in Boone, and 5.4% in Illinois are at risk for chronic drinking.

Chart 26



Source: Illinois Department of Public Health (IDPH). Health Statistics. Illinois County Behavioral Risk Factor Surveys, Winnebago County and Boone County, Round 5 (2010-2014)
Source: Illinois Department of Public Health (IDPH). Health Statistics. Illinois Behavioral Risk Factor Surveillance Survey (BRFSS) Data, 2014. Date Accessed: March 6, 2020.

SUPPLEMENTAL TABLES FOR SECTION 4

- Deaths by Intentional Self-Harm: Winnebago County and IL, 2014-2018
- Drug-Related Emergency Room Visit: Winnebago, Boone and IL, 2010-2014
- Number of Hospitalizations for Non-Medical Drug Abuse: Winnebago, Boone, and IL, 2010-2014
- Drug Overdose Deaths: Winnebago, Boone and IL, 2014-2018
- Alcohol-Related Emergency Room Visits: Winnebago, Boone and IL, 2010-2014
- At Risk for Acute or Chronic Alcohol Use: Winnebago, Boone and IL, 2010-2014

Section 5 Behavioral Risk Factors

Behavioral risk factors effect the community's overall health. Winnebago County has a higher rate of obesity and physical inactivity than the overall State of Illinois. The Illinois Youth Survey indicates an overall reduction in use of alcohol, smoking and marijuana among 8th, 10th and 12th grade students in Winnebago County in recent years.

The proportion of Winnebago Residents who currently smoke is 16.1% and the proportion of Boone County residents is 16.0%, both of which are below the Illinois percentage of 16.7%.

Table 56

Tobacco Use: Winnebago County, Boone County, and Illinois, 2010-2014						
	Winnebago County		Boone County		Illinois [b]	
	n	Column %	n	Column %	n	Column %
Smoking Status[c]						
Smoker	34,857	16.1%	6,266	16.0%	1,561,719	16.7%
Former Smoker	41,318	19.1%	9,239	23.6%	2,230,814	23.8%
Non-Smoker	140,422	64.8%	23,693	60.4%	5,585,706	59.6%
Total	216,597	100.0%	39,198	100.0%	9,378,238	100.0%
Stopped Smoking 1 or More Days in the Past 12 Months [d]						
Yes	[a]	[a]	[a]	[a]	895,189	57.5%
No	[a]	[a]	[a]	[a]	661,907	42.5%
Total	[a]	[a]	[a]	[a]	1,557,096	100.0%
Use Smokeless Tobacco Now [e]						
Yes	[a]	[a]	1,184	3.0%	292,521	3.1%
No	214,348	99.7%	38,037	97.0%	9,077,284	96.9%
Total	215,032	100.0%	39,222	100.0%	9,369,805	100.0%

Source: Illinois Department of Public Health (IDPH). Health Statistics. Illinois County Behavioral Risk Factor Surveys, Winnebago County and Boone County, Round 5 (2010-2014)
Source: Illinois Department of Public Health (IDPH). Health Statistics. Illinois Behavioral Risk Factor Surveillance Survey (BRFSS) Data, 2014. Date Accessed: March 12, 2020.

Winnebago - [http://app.idph.state.il.us/brfss/countydata.asp?selTopicCounty=tobacco&areaCounty=Winn_102&show=freq&yrCounty=5&form=county&yr=&area=&selTopic=]

Boone - [http://app.idph.state.il.us/brfss/countydata.asp?selTopicCounty=tobacco&areaCounty=Boone_4&show=freq&yrCounty=5&form=county&yr=&area=&selTopic=]

Illinois - [http://app.idph.state.il.us/brfss/statedata.asp?selTopic=tobacco&area=il&yr=2014&form=strata&show=freq]

[a] The data is suppressed if the unweighted cell count is 5 or less and/or row totals 50 or less and/or the confidence interval width is equal to or greater than +/-12.5%. These instances do not meet standards of reliability.

[b] Illinois reflects 2014 data while Winnebago and Boone County reflect 2010-2014 data.

[c] Question: Have you smoked at least 100 cigarettes in your lifetime? Do you now smoke every day, some days, or not at all?

[d] Question: During the past 12 months, have you stopped smoking for one day or longer because you were trying to quit smoking?

[e] Question: Do you currently use chewing tobacco, snuff, or snus every day, some days or not at all?

Based on body mass index (BMI) 68.1% of Winnebago Residents are overweight or obese. This is above the level in Boone County at 66.9% and in Illinois at 63.7%.

Table 57

Body Mass Index (BMI) Status [a]: Winnebago County, Boone County, and Illinois, 2010-2014						
	Winnebago County		Boone County		Illinois[b]	
	n	column %	n	column %	n	column %
BMI [c]						
Underweight/Normal	66,963	32.0%	12,810	33.1%	3,354,164	36.3%
Overweight	62,196	29.7%	15,085	39.0%	3,162,806	34.2%
Obese	80,386	38.4%	10,795	27.9%	2,723,453	29.5%
Total	209,546	100.0%	38,690	100.0%	9,240,423	100.0%

Source: Illinois Department of Public Health (IDPH). Health Statistics. Illinois County Behavioral Risk Factor Surveys, Winnebago County and Boone County, Round 5 (2010-2014)
Source: Illinois Department of Public Health (IDPH). Health Statistics. Illinois Behavioral Risk Factor Surveillance Survey (BRFSS) Data, 2014. Date Accessed: March 13, 2020.

Winnebago - [http://app.idph.state.il.us/brfss/countydata.asp?selTopicCounty=obesity&areaCounty=Winn_102&show=freq&yrCounty=5&form=county&yr=&area=&selTopic=]

Boone - [http://app.idph.state.il.us/brfss/countydata.asp?selTopicCounty=obesity&areaCounty=Boone_4&show=freq&yrCounty=5&form=county&yr=&area=&selTopic=]

Illinois - [http://app.idph.state.il.us/brfss/statedata.asp?selTopic=obesity&area=il&yr=2014&form=strata&show=freq]

[a] Questions: How much do you weigh? How tall are you?

[b] Illinois reflects 2014 data while Winnebago and Boone County reflect 2010-2014 data.

[c] BMI categories = underweight < 18.5 kg/m^2, normal weight 18.5 - < 25 kg/m^2, overweight 25 - < 30 kg/m^2, obese => 30 kg/m^2

In Winnebago County 26% of adults reported no leisure-time physical activity during the preceding month. The physical inactivity levels are 23% in Boone and 22% in Illinois.

Table 58

Physical Inactivity [a]: Winnebago County, Boone County, Illinois, and U.S., 2015			
Year	**Winnebago County**	**Boone County**	**Illinois**
2015	26%	23%	22%

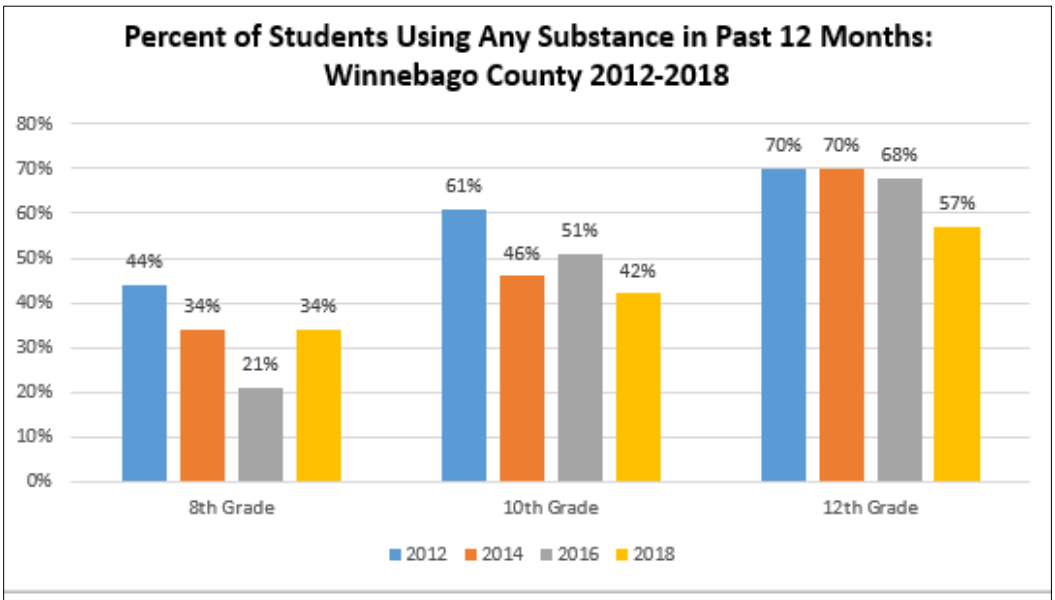
Source: Robert Wood Johnson Foundation. University of Wisconsin Population Health Institute. County Health Rankings & Roadmaps 2019. [https://www.countyhealthrankings.org/app/illinois/2019/rankings/winnebago/county/outcomes/overall/snapshot] [https://www.countyhealthrankings.org/app/illinois/2019/rankings/boone/county/outcomes/overall/snapshot]. Date Accessed: March 13, 2020.

Note: County Health Rankings uses modeled estimates from 3 years of survey data, so interpret trends with caution and supplement with additional local level data.

[a] Percentage of adults ≥20 years reporting no leisure-time physical activity in the past month. Based upon BRFSS response data: Individuals who answered "no" to the question "During the past month, other than your regular job, did you participate in any physical activities/exercises: running, calisthenics, golf, gardening or walking?".

A survey was done among health and social indicators for 8th, 10th, and 12th, graders throughout Illinois. In Winnebago County 76% of 8th graders, 71% of 10th graders and 64% of 12th graders are either living with both parents or are living with a parent and step parent. 20% of 8th graders, 23% of 10th graders and 27% of 12th graders are living with a single parent with the majority living with only their mother. (See the Supplemental Tables for further demographic details).

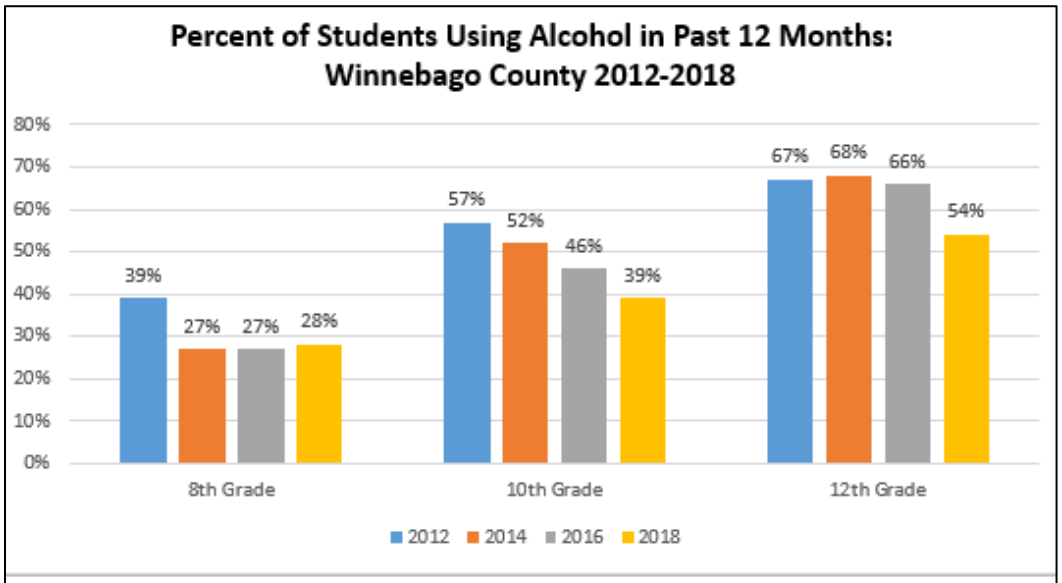
Chart 27



Source: Illinois Center for Prevention Research & Development, (ICPRD) Illinois Department of Humans Services (IDHS). (2018). Illinois Youth Survey 2018 County Report: Winnebago. [https://iys.cprd.illinois.edu/UserFiles/Servers/Server_178052/File/2018/Cnty18_Winnebago.pdf]. Date Accessed: March 13, 2020.

In 2018 the percent of students who stated they used any substance (including alcohol, cigarettes, inhalants, and alcohol) was 34% in 8th Graders, 42% in 10th graders, and 57% in 12th graders. This represents a downward trend since 2012.

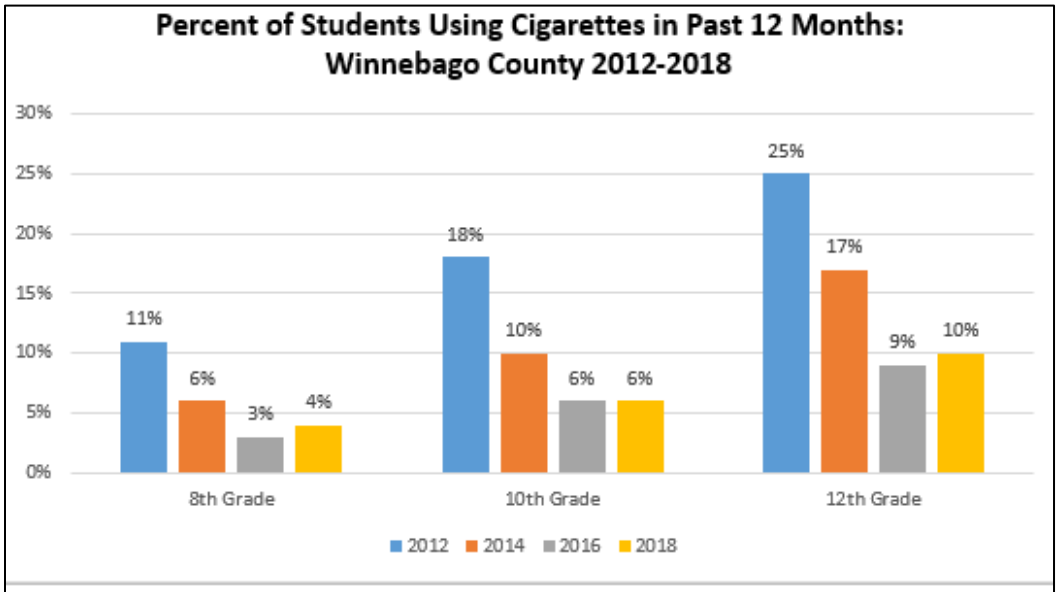
Chart 28



Source: Illinois Center for Prevention Research & Development, (ICPRD) Illinois Department of Humans Services (IDHS). (2018). Illinois Youth Survey 2018 County Report: Winnebago. [https://iys.cprd.illinois.edu/UserFiles/Servers/Server_178052/File/2018/Cnty18_Winnebago.pdf]. Date Accessed: March 13, 2020.

In 2018 the percent of students who used alcohol in the past 12 months was 28% in 8th grade, 39% in 10th grade and 54% in 12th grade. This represents a downward trend since 2012.

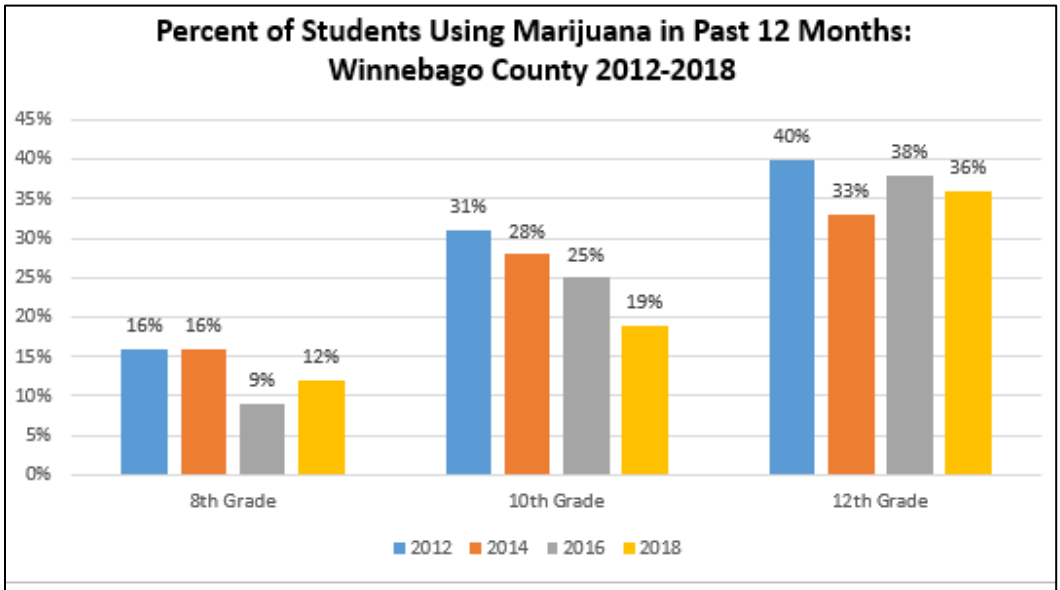
Chart 29



Source: Illinois Center for Prevention Research & Development, (ICPRD) Illinois Department of Humans Services (IDHS). (2018). Illinois Youth Survey 2018 County Report: Winnebago. [https://iys.cprd.illinois.edu/UserFiles/Servers/Server_178052/File/2018/Cnty18_Winnebago.pdf]. Date Accessed: March 13, 2020.

In 2018 the percent of students who used cigarettes in the past 12 months was 4% in 8th grade, 6% in 10th grade and 10% in 12th grade. This represents a downward trend since 2012.

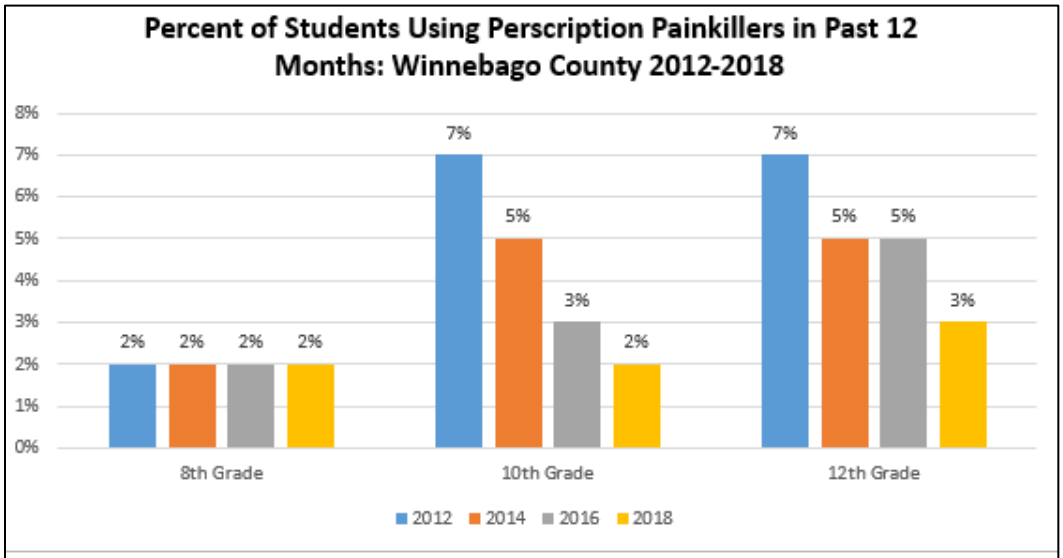
Chart 30



Source: Illinois Center for Prevention Research & Development, (ICPRD) Illinois Department of Humans Services (IDHS). (2018). Illinois Youth Survey 2018 County Report: Winnebago. [https://iys.cprd.illinois.edu/UserFiles/Servers/Server_178052/File/2018/Cnty18_Winnebago.pdf]. Date Accessed: March 13, 2020.

In 2018 the percent of students who used marijuana in the past 12 months was 12% in 8th grade, 19% in 10th grade and 36% in 12th grade. This represents a decrease from 2012.

Chart 31



Source: Illinois Center for Prevention Research & Development, (ICPRD) Illinois Department of Humans Services (IDHS). (2018). Illinois Youth Survey 2018 County Report: Winnebago. [https://iys.cprd.illinois.edu/UserFiles/Servers/Server_178052/File/2018/Cnty18_Winnebago.pdf]. Date Accessed: March 13, 2020.

In 2018 the percent of students who used prescription pain killers for the purposed of getting high in the past 12 months was 2% in 8th grade, 2% in 10th grade and 3% in 12th grade. This represents a downward trend in 10th and 12th graders.

Only 62% of 8th graders, 65% of 10th graders, and 66% of 12th graders have never gone hungry because there was not enough food in their homes. This is similar to the numbers for Illinois.

30% of 8th graders, 33% of 10th graders, and 32% of 12th graders are overweight or obese in Winnebago County. In comparison 25% of 8th graders, 26% of 10th graders and 26% of 12th graders in Illinois are overweight or obese.

In Winnebago County, 83% of 8th graders, 69% of 10th graders, and 81% of 12th graders were physically active for at 60 minutes for at least 3 days per week. Illinois has 80% of 8th graders, 76% of 10th graders, and 60% of 12th graders who were physically active for at least 60 minutes for at least 3 times per week.

Table 59

See Next Page

Nutrition & Fitness Behaviors among 8th, 10th, and 12th Grade: Winnebago County, 2018			
	8th Grade	10th Grade	12th Grade
Behavior	**%**	**%**	**%**
Fruits & Vegetables [a]			
Eat Fruit	19%	25%	23%
Eat Vegetable	21%	22%	24%
Food Security [b]			
Never	62%	65%	66%
Rarely	25%	23%	18%
Sometimes	9%	9%	11%
Most of the Time	3%	2%	3%
Always	1%	1%	2%
BMI [c]			
Underweight	3%	1%	2%
Healthy Weight	67%	67%	67%
Overweight	18%	20%	16%
Obese	12%	13%	16%
Physical Activity [f]			
0 days	7%	12%	10%
1 day	4%	9%	4%
2 days	6%	10%	5%
3 days	12%	11%	9%
4 days	10%	6%	10%
5 days	25%	17%	22%
6 days	11%	9%	11%
7 days	25%	26%	29%

Source: Illinois Center for Prevention Research & Development, (ICPRD) Illinois Department of Humans Services (IDHS). (2018). Illinois Youth Survey 2018 County Report: Winnebago. [https://iys.cprd.illinois.edu/UserFiles/Servers/Server_178052/File/2018/Cnty18_Winnebago.pdf]. Date Accessed: March 13, 2020.

Note: This table depicts county-level data on a variety of health and social indicators such as drug use, bullying, and school climate. The data has been organized into topical sections as noted in the table of contents following this introduction. In most cases, only a portion of schools in a county participate in the Illinois Youth Survey (IYS). There will be NO DATA presented in this report for any grade level with only one district reporting. This is to protect the confidentiality of district-level results.

Note: Winnebago County participating schools included 8 public schools, 4 middle and 4 high schools. Participating students were 779 8th grade students, 490 10th grade students, and 400 12th grade students.

[a] During the past 7 days, ate fruit or vegetable 4-6 times in the past 7 days.

[b] During the past 30 days, how often did you go hungry because there was not enough food in your home?

[c] BMI (Body Mass Index) Categories based on CDC guidelines [https://www.cdc.gov/healthyweight/assessing/bmi/childrens_bmi/about_childrens_bmi.html]

[f] During the past 7 days, on how many days were you physically active for a total of at least 60 minutes per day?

SUPPLEMENTAL TABLES FOR SECTION 5

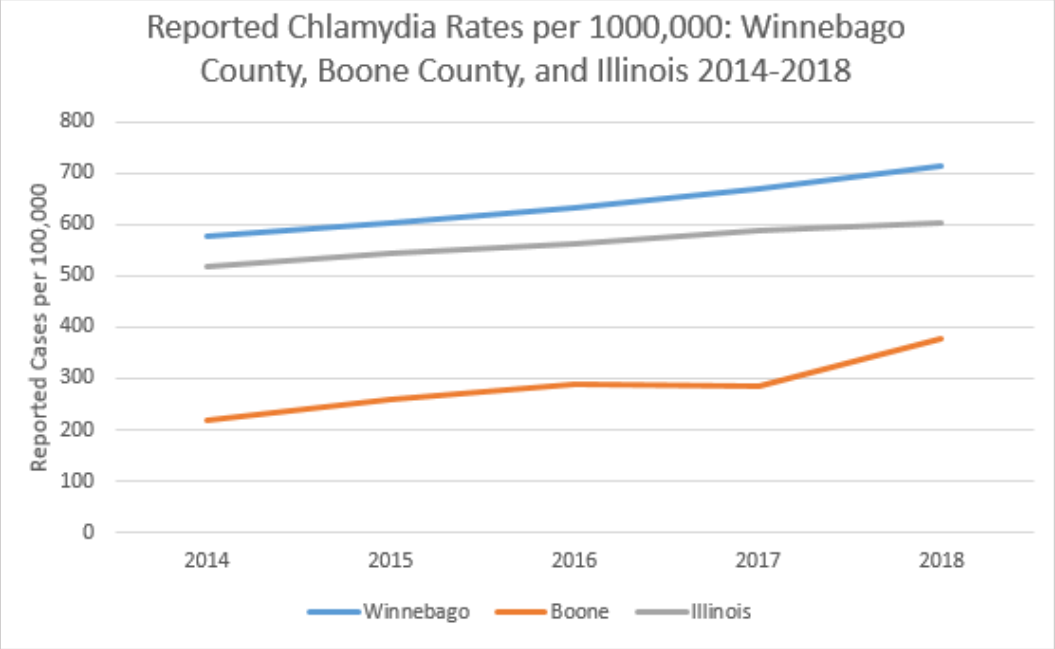
- Current Smoker Demographics: Winnebago, Boone and IL, 2010-2014
- Individuals at Risk for Health Problems Related to Being Obese: Winnebago, Boone and IL, 2010-2014
- Individuals at Risk for Health Problems Related to Being Overweight: Winnebago, Boone and IL, 2010-2014
- Demographics of 8th, 10th, and 12th Grade Survey Respondents: Winnebago County, 2018

Section 6: Communicable Disease

Rates for sexually transmitted infections have increased in Winnebago County and remain above the rates for Boone County and Illinois.

Chlamydia is a sexually transmitted disease. In Winnebago County there were 713.9 cases of Chlamydia per 100,000 population in 2018. In Boone County there were 378.5 case per 1000,000 and in Illinois there were 602.7 per 100,000. This represents and increasing trend.

Chart 32

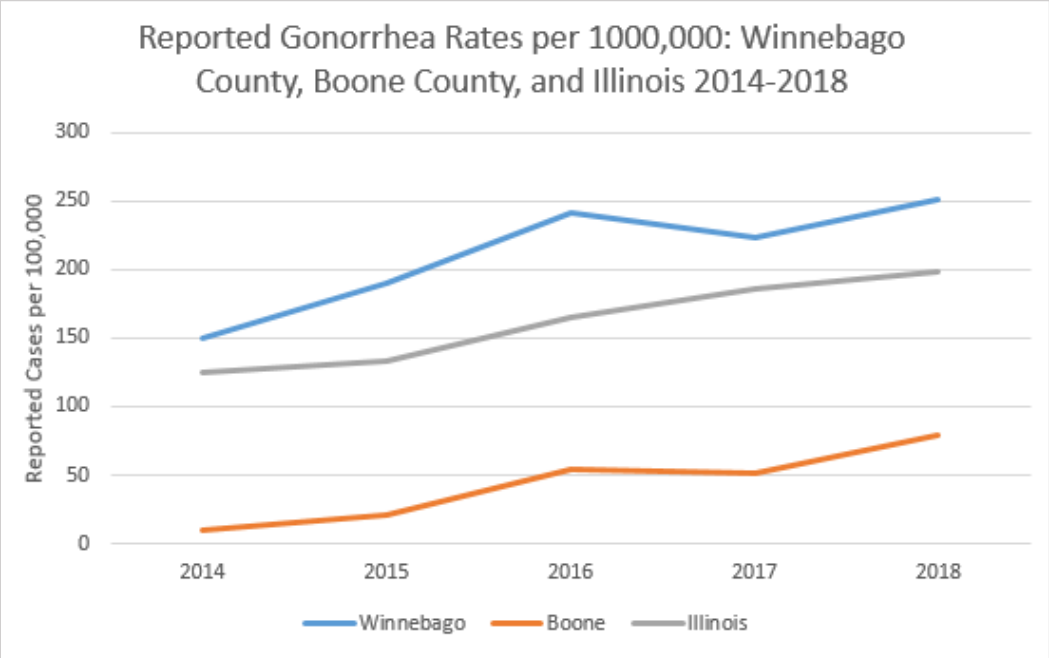


Source: Illinois Department of Public Health STD Section, 2018 IDPH STD 5-Year Cases and Rates by Jurisdiction Report [http://www.dph.illinois.gov/sites/default/files/publications/std-cases-and-rates-county-5-year-trends-2018.pdf]

Calculated based on 2010 U.S. Census population.

Gonorrhea is a sexually transmitted disease. In Winnebago County there were 251.0 cases of Gonorrhea per 100,000 population in 2018. In Boone County there were 79.4 case per 1000,000 and in Illinois there were 198.1per 100,000. This represents and increasing trend.

Chart 33



Source: Illinois Department of Public Health STD Section, 2018 IDPH STD 5-Year Cases and Rates by Jurisdiction Report [http://www.dph.illinois.gov/sites/default/files/publications/std-cases-and-rates-county-5-year-trends-2018.pdf]

Calculated based on 2010 U.S. Census population.

The majority of cases of Chlamydia were female, were 15 to 29 years old, and were Non-Hispanic. In Winnebago and Illinois Chlamydia cases were most likely to be Black.

Table 60

Demographic Distribution of Reported Chlamydia Cases: Winnebago County, Boone County, and Illinois, 2016						
	Winnebago		Boone		Illinois	
Characteristic	n	%	n	%	n	%
Reported Total Cases	1,870	100%	157	100%	72,201	100%
Sex						
Male	544	29.1%	55	35.0%	24,008	33.3%
Female	1,326	70.9%	102	65.0%	48,128	66.7%
Unknown	0	0.0%	0	0.0%	0	0.0%
Age						
10-14	17	0.9%			558	0.8%
15-19	506	27.1%	37	23.6%	19,513	27.0%
20-24	740	39.6%	70	44.6%	27,406	38.0%
25-29	355	19.0%	26	16.6%	13,223	18.3%
30-34	125	6.7%	13	8.3%	5,579	7.7%
35-39	62	3.3%	[a]	*	2,799	3.9%
40-44	34	1.8%	[a]	*	1,401	1.9%
45-49	10	0.5%			783	1.1%
50-54	10	0.5%			484	0.7%
55-59	[a]	*			249	0.3%
60-63	[a]	*			96	0.1%
≥65	[a]	*			83	0.1%
Race						
White	739	39.5%	86	54.8%	22,780	31.6%
Black	835	44.7%	10	6.4%	29,120	40.3%
Other	55	2.9%	13	8.3%	2,783	3.9%
Unknown	217	11.6%	45	28.7%	16,215	22.5%
Multiple Races	9	0.5%	[a]	*	409	0.6%
American Indian/Alaskan Native	[a]	*			120	0.2%
Asian/Pacific Islander	14	0.7%	[a]	*	774	1.1%
Ethnicity						
Hispanic	197	10.5%	37	23.6%	9,629	13.3%
Non-Hispanic	1,351	72.2%	63	40.1%	43,710	60.5%
Unknown	322	17.2%	57	36.3%	18,862	26.1%

Source: Illinois Department of Public Health, Sexually Transmitted Diseases Section. STD Morbidity Case Report via Iquery. Reported Chlamydia incident cases for Illinois by County/State, 2016 [https://iquery.illinois.gov/DataQuery/Default.aspx]

[a]Data listed by source as "1 to 5".

The majority of cases of gonorrhea were female in Winnebago and Boone and the majority where male in Illinois. The most common age was 15-29. In Winnebago and Illinois Blacks were the common cases. In Boone, Whites were the most common. Non-Hispanics were the most common ethnicity.

Table 61

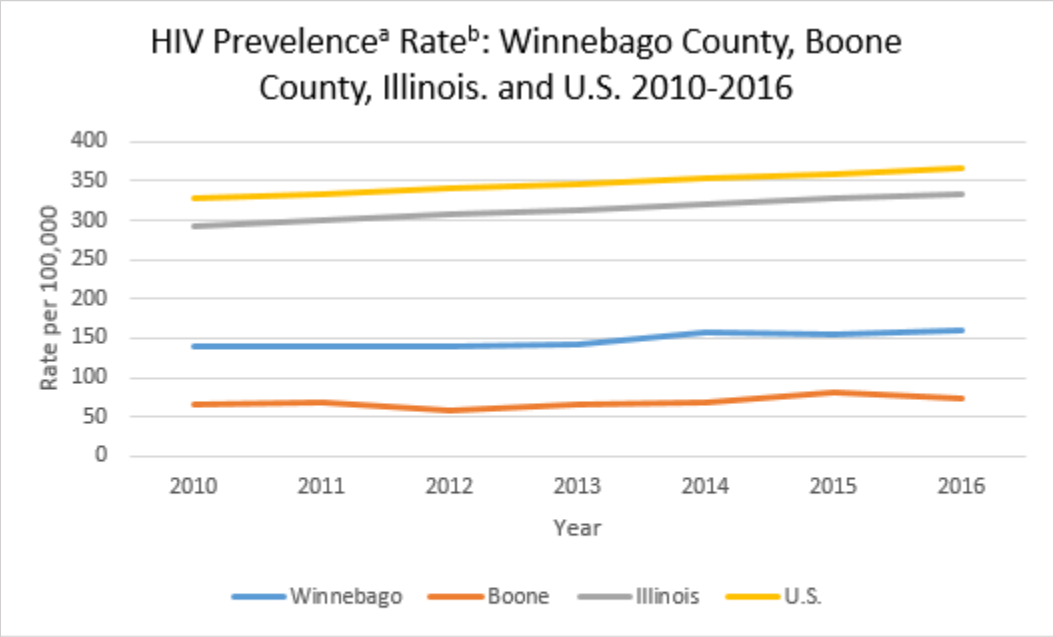
Demographic Distribution of Reported Gonorrhea Cases: Winnebago County, Boone County, and Illinois, 2016						
	Winnebago		Boone		Illinois	
Characteristic	n	%	n	%	n	%
Reported Total Cases	711	100%	29	100%	21,199	100%
Sex						
Male	310	43.6%	12	41.4%	12,255	57.8%
Female	401	56.4%	17	58.6%	8,920	42.1%
Unknown	0	0.0%	0	0.0%	0	0.0%
Age						
10-14	8	1.1%			156	0.7%
15-19	167	23.5%	8	27.6%	4,505	21.3%
20-24	273	38.4%	8	27.6%	6,847	32.3%
25-29	151	21.2%	7	24.1%	4,436	20.9%
30-34	42	5.9%	1	3.4%	2,174	10.3%
35-39	29	4.1%	2	6.9%	1,242	5.9%
40-44	16	2.3%	1	3.4%	672	3.2%
45-49	9	1.3%	2	6.9%	500	2.4%
50-54	8	1.1%			335	1.6%
55-59	3	0.4%			174	0.8%
60-63	3	0.4%			71	0.3%
≥65	1	0.1%			70	0.3%
Race						
White	190	26.7%	16	55.2%	4,957	23.4%
Black	430	60.5%	9	31.0%	11,131	52.5%
Other	21	3.0%	1	3.4%	530	2.5%
Unknown	66	9.3%	3	10.3%	4,253	20.1%
Multiple Races	3	0.4%			127	0.6%
Asian/Pacific Islander	1	0.1%			170	0.8%
Ethnicity						
Hispanic	45	6.3%	2	6.9%	1,678	7.9%
Non-Hispanic	566	79.6%	17	58.6%	14,256	67.2%
Unknown	100	14.1%	10	34.5%	5,265	24.8%

Source: Illinois Department of Public Health, Sexually Transmitted Diseases Section. STD Morbidity Case Report via Iquery. Reported Gonorrhea incident cases for Illinois by County/State, 2016 [https://iquery.illinois.gov/DataQuery/Default.aspx]

[a]Data listed by source as "1 to 5".

In 2018, the HIV prevalence rate in Winnebago County was 160.0 per 100,000. In Boone County, the HIV prevalence rate was 74.5, in the HIV Illinois it was 332.3 and the HIV prevalence rate in the United States was 365.5 per 100,000.

Chart 34



Source: Centers for Disease Control and Prevention. NCHHSTP AtlasPlus. Updated 2017. https://www.cdc.gov/nchhstp/atlas/index.htm. Accessed on [11/15/2019].
[a]Persons living with diagnosed HIV infection/infection classified as stage 3 (AIDS).
[b]Rate per 100,000 population (U.S. Census Bureau Vintage 2017 postcensal estimates file used for population denominators for 2010-2017)

Tuberculosis is an infectious disease that is potentially life-threatening. The tuberculosis rates are lower in Winnebago County than Illinois. In 2018, there was 1 case of tuberculosis in Winnebago, 1 in Boone, and 219 in Illinois.

Table 62

Tuberculosis Cases and Rates per 100,000 Population[a]: Winnebago County, Boone County, and Illinois						
	Winnebago		Boone		Illinois	
Year	n	Rate	n	Rate	n	Rate
2014	6	2.05	0	0	320	2.49
2015	1	0.34	2	*	343	2.67
2016	3	1.03	0	0	342	2.66
2017	3	1.04	0	0	337	2.62
2018	1	0.35	1	*	319	2.48

Source: IDPH TB Program - Map of Illinois Case Rates, 2014-2018 [http://dph.illinois.gov/topics-services/diseases-and-conditions/diseases-a-z-list/tuberculosis]

Note: Asterisks (*) denote rates that are suppressed for areas with a population <100,000.

[a]Population data for rates are based on U.S. Census Bureau, 2013-2017 American Community Survey 5-Year Estimates.

In Winnebago County, the most prevalent vaccine preventable diseases are Chronic Hepatitis B, which had 24 cases, Pertussis (Whooping Cough), which had 18 cases, and Influenza, which resulted in 64 ICU admissions. Other prevalent reportable diseases were Campylobacteriosis with 88 cases, Cryptosporidiosis with 21 cases, Enteric E. Coli with 29 case, Chronic Hepatitis C with 198 case, and Salmonella with 68 cases. There were also 36 cases of potential human exposure to rabies. All other reportable diseases had fewer than 20 cases, including diseases that had no cases reported (full report in Supplemental Tables).

Table 63

Reported Communicable Diseases: Winnebago County, 2014-2018 (20 or more cases)		
Disease	**2018**	
	n	**rate**
Vaccine Preventable		
Hepatitis B-Chronic	24	8.35
Influenza, ICU admissions	64	22.26
Pertussis (Whooping Cough)	18	6.26
Other Communicable Diseases		
Campylobacteriosis	88	30.61
Cryptosporidiosis	21	7.30
Enteric E. coli infections (STEC,O157:H7)	29	10.09
Hepatitis C-Chronic	198	68.87
Rabies, potential human exposure	36	12.52
Salmonellosis, other than typhoid	68	23.65
Source: Illinois-National Electronic Disease Surveillance System (I-NEDSS), accessed 12/03/2019. U.S. Census Bureau, American Community Survey 5-Year Population Estimates		

SUPPLEMENTAL TABLES FOR SECTION 6

- Reported Chlamydia Rates per 100,000 Population: Winnebago, Boone, and IL, 2014-2018
- Reported Gonorrhea Rates per 100,000 Population: Winnebago, Boone, and IL, 2014-2018
- Reported Primary and Secondary Syphilis Rates per 100,000 Population: Winnebago, Boone, and IL, 2014-2018
- Reported Communicable Diseases: Winnebago County, 2014-2018

Section 7 Environmental

This section presents information on the Winnebago County environment, including land use, air quality, quality of life factors such as crime, access and food insecurity, as well as housing stock.

Land used for the livestock grazing or the production of seed or hay crops comprise 7.5% of Winnebago County and 4.1% in Boone County. Areas used for production of cultivated crops such as corn, soybeans, and other vegetables comprise 51.0% of all land in Winnebago County and 75.5% in Boone County.

Open space, which comprises of areas like golf courses and parks, comprise 7.8% of all land in Winnebago and 5.1% of all land in Boone. Low and Medium Intensity land, which is generally comprised of single family homes, comprise 16.3% of all land in Winnebago and 7.1% in Boone. High intensity land, which generally comprise of apartment complexes or commercial areas, comprise 1.9% of all land in Winnebago and 0.5% of land in Boone.

Table 64

Community Land Use Characteristics: Winnebago County and Boone County, 2016		
Characteristics	**Winnebago County**	**Boone County**
Land Use: Agriculture[a]		
Pasture/Hay[b]	7.5%	4.1%
Cultivated Crops[c]	51.0%	75.5%
Land Use: Development[d]		
Open Space[e]	7.8%	5.1%
Low Intensity[f]	11.4%	5.6%
Medium Intensity[g]	4.9%	1.5%
High Intensity[h]	1.9%	0.5%

Source: Centers for Disease Control and Prevention. National Environmental Public Health Tracking Network. (n.d.) Web. Accessed: 11/04/2019. [https://ephtracking.cdc.gov/DataExplorer/#/]. National Land Cover Database: [https://www.mrlc.gov/data/legends/national-land-cover-database-2011-nlcd2011-legend]

Note: Gridded data from the National Land Cover Database—spanning 20 land cover categories—was utilized to arrive at these estimates. Land cover specific percentages for each county were taken to be the proportion of land cover specific grids out of all land cover grids within the respective county. All 20 land cover categories are not included within these tables; therefore, the sum of the percentages will not equal 100 for each respective location.

[a]Percentage of area covered by agriculture.

[b]Areas of grasses, legumes, or grass-legume mixtures planted for livestock grazing or the production of seed or hay crops, typically on a perennial cycle. Pasture/hay vegetation accounts for greater than 20% of total vegetation.

[c]Areas used for the production of annual crops, such as corn, soybeans, vegetables, tobacco, and cotton, and also perennial woody crops such as orchards and vineyards. Crop vegetation accounts for greater than 20% of total vegetation. This class also includes all land being actively tilled.

[d]Percentage of area covered by developed land.

[e]Areas with a mixture of some constructed materials, but mostly vegetation in the form of lawn grasses. Impervious surfaces account for less than 20% of total cover. These areas most commonly include large-lot single-family housing units, parks, golf courses, and vegetation planted in developed settings for recreation, erosion control, or aesthetic purposes.

[f]Areas with a mixture of constructed materials and vegetation. Impervious surfaces account for 20% to 49% percent of total cover. These areas most commonly include single-family housing units.

[g]Areas with a mixture of constructed materials and vegetation. Impervious surfaces account for 50% to 79% of the total cover. These areas most commonly include single-family housing units.

[h]Highly developed areas where people reside or work in high numbers. Examples include apartment complexes, row houses and commercial/industrial. Impervious surfaces account for 80% to 100% of the total cover.

Forests cover 9.5% of all Land in Winnebago County and 5.4% of all land in Boone County with Deciduous forests being the most common.

Open Water cover 1.3% of all land in Winnebago and 0.3% of all land in Boone.

Table 65

Community Land Cover Characteristics: Winnebago County and Boone County, 2016		
Characteristics	**Winnebago County**	**Boone County**
Land Cover: Forest[a]		
Deciduous[b]	8.0%	5.1%
Evergreen[c]	0.3%	0.2%
Mixed[d]	1.2%	0.1%
Land Cover: Water[e]		
Open Water[f]	1.3%	0.3%
Perennial Ice/Snow[g]	0.0%	0.0%
Land Cover: Developed Imperviousness[h]		
Average %	9.4%	3.7%

Source: Centers for Disease Control and Prevention. National Environmental Public Health Tracking Network. (n.d.) Web. Accessed: 11/04/2019. [https://ephtracking.cdc.gov/DataExplorer/#/]. National Land Cover Database: [https://www.mrlc.gov/data/legends/national-land-cover-database-2011-nlcd2011-legend]

Note: Gridded data from the National Land Cover Database—spanning 20 land cover categories—was utilized to arrive at these estimates. Land cover specific percentages for each county were taken to be the proportion of land cover specific grids out of all land cover grids within the respective county. All 20 land cover categories are not included within these tables; therefore, the sum of the percentages will not equal 100 for each respective location.

[a]Percent of land covered by forest.

[b]Areas dominated by trees generally greater than 5 meters tall, and greater than 20% of total vegetation cover. More than 75% of the tree species shed foliage simultaneously in response to seasonal change.

[c]Areas dominated by trees generally greater than 5 meters tall, and greater than 20% of total vegetation cover. More than 75% of the tree species maintain their leaves all year. Canopy is never without green foliage.

[d]Areas dominated by trees generally greater than 5 meters tall, and greater than 20% of total vegetation cover. Neither deciduous nor evergreen species are greater than 75% of total tree cover.

[e]Percent of land covered by water.

[f]Areas of open water, generally with less than 25% cover of vegetation or soil.

[g]Areas characterized by a perennial cover of ice and/or snow, generally greater than 25% of total cover.

[h]Percentage of developed surfaces that inhibit penetration of water to soil--often resulting in increased runoff.

There are 3,291 housing units in Winnebago and 565 housing units in Boone County that are in a designated flood hazard area which means that in a given year there is a 1% chance of coastline or riverine flooding.

Table 66

Community Flood Vulnerability Characteristics: Winnebago County and Boone County, 2011		
Characteristic	**Winnebago County**	**Boone County**
Number of Housing Units within FEMA Designated Flood Hazard Area[a]	3,291	565

Source: Centers for Disease Control and Prevention. National Environmental Public Health Tracking Network. (n.d.) Web. Accessed: 11/04/2019. [https://ephtracking.cdc.gov/DataExplorer/#/]. Federal Emergency Management Agency (FEMA) - National Flood Hazard Layer, 2011.

Note: 2011 is the most recent year of data the source provided for this indicator. Only county-level data was available through this source.

[a]Areas at higher risk of flooding to occur. Special designated flood hazard areas have 1% annual chance of coastal/riverine flooding.

Fifty-eight percent (58%) of Winnebago County residents live in proximity to parks.

Table 67

Community Design Characteristics: Winnebago County, Boone County, and Illinois						
	Winnebago County		**Boone County**		**Illinois**	
Characteristics	**n**	**%**	**n**	**%**	**n**	**%**
Proximity[a] of Population to Highways	4,956	1.7%	921	1.7%	333,029	2.6%
Proximity[b] of Population to Parks[c]	167,954	58.0%	17,305	32.0%	7,652,780	59.0%

Source: Centers for Disease Control and Prevention. National Environmental Public Health Tracking Network. Community Design. Accessed From: https://ephtracking.cdc.gov/DataExplorer. Date Accessed: [11/04/2019].

[a]Living within 150 meters of a highway, 2010.

[b]Living within 0.5 miles of a park, 2015.

[c]Shapefiles included national, state, local parks, and beach boundries current to 2010, Quarter 3. Park data for 2010 and 2015 are from different sources and are not comparable across years.

Air quality can be measured by the concentration of particulate matter in the air. Particulate matter can include dust, pollen, soot, and smoke with fine particles or $PM_{2.5}$ posing the greatest health risk. In 2014 the levels were at 11.5 in Winnebago and 11.4 in Boone both of which are below the national standard of 12.0 which indicates that on average the air quality is considered to be good in these counties.

Table 68

Air Quality, Monitored and Modeled[a] Annual Average Ambient Concentrations of Particulate Matter ($PM_{2.5}$)[b] in Micrograms per Cubic Meter (µg/m3): Winnebago County and Boone County, 2010-2014		
Year	**Winnebago County**	**Boone[a] County**
Annual $PM_{2.5}$ National Ambient Air Quality Standard[c]	**12.0**	
Year		
2010	11.0	11.0
2011	10.6	10.5
2012	10.5	10.6
2013	10.3	10.2
2014	11.5	11.4

Source: Centers for Disease Control and Prevention. National Environmental Public Health Tracking Network. Annual PM 2.5 Level (Monitor + Modeled). [https://ephtracking.cdc.gov/DataExplorer]. Date Accessed: [11/04/2019].

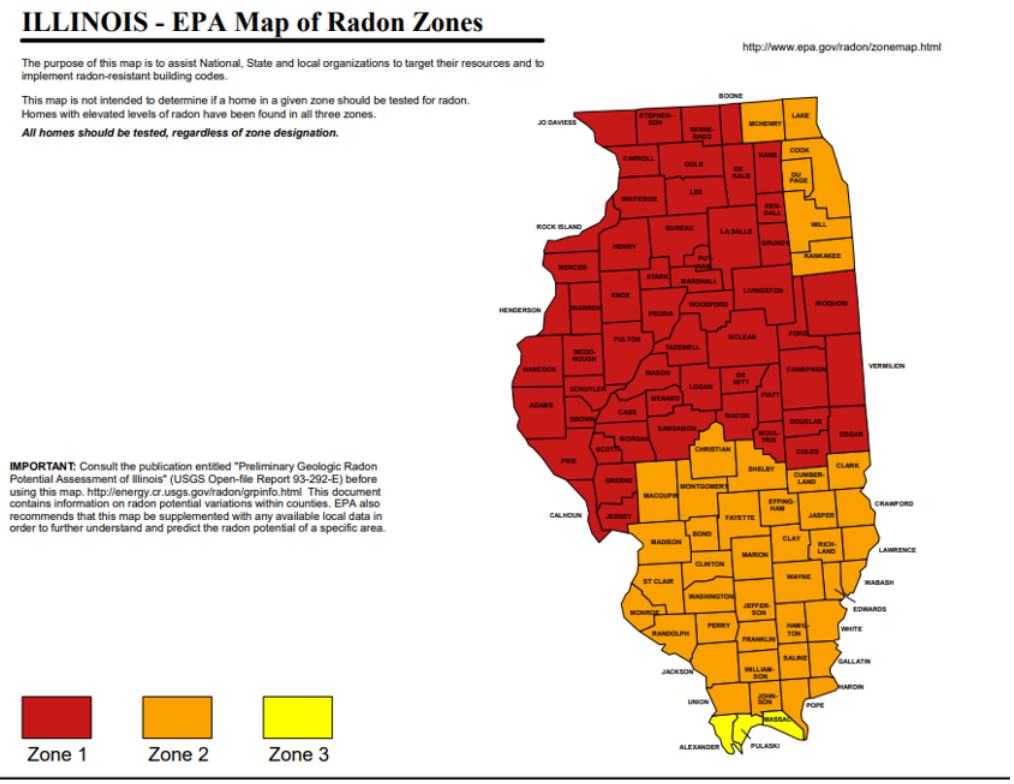
[a]Modeled estimates were utilized for counties/days where monitoring did not occur/exist. Data for Boone County was created exclusively using modeled data.

[b]Inhalable particles found in the air (typically ≤2.5 micrometers). This indicator speaks to air quality, specifically the concentration (micrograms per Cubic Meter, µg/m3) of particulate matter in the air and potential exposure to particulate matter within a location over time (NOT directly reflective of personal exposure).

[c]Air quality standard set by the EPA for particulate matter concentration.

Radon is a radioactive gas that forms when radioactive metals break down in rocks, soil, and groundwater. Radon exposure can lead to the development of lung cancer. The EPA created a map that looks classifies counties based on their average indoor radon screening levels. Zone 1 which includes Winnebago and Boone counties has an average indoor radon screen greater than 4 pCi/L. Zone 2 includes counties with average radon levels from 2 to 4 pCi/L. Zone 3 includes counties with average radon levels less than 2 pCi/L.

Chart 35



Source: Environmental Protection Agency (EPA), Illinois - EPA Map of Radon Zones [https://www.epa.gov/sites/production/files/2015-03/documents/illinois.pdf]

The Uniform Crime Report looks at ten index crimes which are severe and occur often enough that they can be used to indicate the crime levels in a given community. The data comes from crimes reported to participating police agencies.

The homicide rate in Winnebago County is 11.3/100,000 individuals. Boone County's rate is 1.9 and Illinois is 6.9. The assault rate is 613.6 in Winnebago, 120.3 in Boone and 234.3 in Illinois. The most common index crime is theft whose rate is 1,904.7 in Winnebago, 597.8 in Boone and 1,405.3 in Illinois.

Table 69

Index Crime Offenses and Crime Rate Per 100,000 Population Comparison: Winnebago County, Boone County, and Illinois, 2017-2018												
	2017						2018					
	Winnebago County		Boone County		Illinois		Winnebago County		Boone County		Illinois	
Categories	n	Rate	n	Rate	n	Rate	n	Rate	n	Rate	n	Rate
Total Index Crime Offenses	10,416	3,661.1	609	1,139.90	307,260	2,403.1	9,995	3,543.1	535	1,005.70	287,400	2,255.5
Criminal Homicide[a]	19	6.7	1	1.9	979	7.7	32	11.3	1	1.9	879	6.9
Rape[b]	165	58.0	29	54.3	5,402	42.2	231	81.9	35	65.8	5,765	45.2
Robbery[c]	462	162.4	9	16.8	17,331	135.5	391	138.6	3	5.6	14,033	110.1
Aggravated Battery/Assault[d]	2,017	708.9	61	114.2	31,358	245.3	1,731	613.6	64	120.3	29,859	234.3
Burglary[e]	1,896	666.4	97	181.6	42,105	329.3	1,602	567.9	90	169.2	37,324	292.9
Theft[f]	5,226	1,836.9	385	720.6	187,660	1,467.7	5,373	1,904.7	318	597.8	179,066	1,405.3
Motor Vehicle Theft[g]	553	194.4	24	44.9	20,467	160.1	562	199.2	22	41.4	19,105	149.9
Arson[h]	78	27.4	3	5.6	1,923	15.0	73	25.9	2	3.8	1,337	10.5
Human Trafficking: Commercial Sex Acts[i]	2	0.7	0	0.0	27	0.2	0	0.0	0	0.0	27	0.2
Human Trafficking: Involuntary Servitude[j]	1	0.4	0	0.0	8	0.1	0	0.0	0	0.0	5	0.0

Source: Illinois State Police - Crime in Illinois 2018 Annual Uniform Crime Report, Section I - Index Crime & Crime Rate Data [http://www.isp.state.il.us/docs/cii/cii18/CII_18_Section_I_Index_Crime.pdf]. Category definitions: [http://www.isp.state.il.us/docs/cii/cii18/CII_18_Introduction.pdf]. Date Accessed: [04/07/2020].

Note: Comparisons between agencies/jurisdictions should be avoided, as they could be misleading, due to varying social determinants between communities that may affect the respective data. This data only reflects crimes/offenses that were reported to the police. Data for Illinois is reported by: police departments, sheriff's offices, and statewide law enforcement agencies. County data is reported by: police departments and the respective county sheriff's office—excluding data reported from state agencies. The following agencies reported data for Winnebago County in 2017 and 2018: Winnebago County Sheriff's Office, Cherry Valley PD, Durand PD, Loves Park PD, Machesney Park PD, Rock Valley College Department Public Safety, Rockford Metro Centre PD, Rockford Park District PD, Rockford PD, Rockton PD, Roscoe PD, South Beloit PD, and Winnebago PD. The following agencies reported data for Boone County in 2017 and 2018: Boone County Sheriff's Office, Belvidere PD, Cherry Valley PD, and Loves Park PD.

[a]The willful (non-negligent) killing of one human being by another.

[b]Penetration of the vagina or anus with any body part or object, or oral penetration by a sex organ of another person, without the consent of the victim; attempts are included.

[c]The taking or attempting to take anything of value from the care, custody, or control of a person or persons by force or threat of force or violence and/or putting the victim in fear; attempts are included.

[d]An unlawful attack by one person upon another for the purpose of inflicting severe or aggravated bodily injury. This type of assault is usually accompanied by the use of a weapon or by means likely to produce death or great bodily harm. It is not necessary that an injury results from the attack when a weapon is used that could cause great personal injury; attempts and attempted criminal homicide are included.

[e]The unlawful entry of a structure to commit a felony or a theft; attempts are included.

[f]The unlawful taking, carrying, leading, or riding away of property from the possession of another; attempts are included.

[g]The theft or attempted theft of a motor vehicle.

[h]Any willful or malicious burning or attempt to burn, with or without intent to defraud, a dwelling house, public building, motor vehicle or aircraft, or personal property of another; attempts are included.

[i]Inducing a person by force, fraud, or coercion to participate in commercial sex acts, or in which the person induced to perform such acts has not attained 18 years of age; attempts are included.

[j]The obtaining of a person(s) through recruitment, harboring, transportation, or provision, and subjecting persons by force, fraud, or coercion into involuntary servitude, peonage, debt bondage, or slavery; attempts are included.

90% of the population in Winnebago County, 89% in Boone, and 91% in Illinois live near a park or recreational facility.

Table 70

Access[a] to Exercise Opportunities: Winnebago County, Boone County, and Illinois, 2010	
Location	**%**
Illinois	91%
Winnebago County	90%
Boone County	89%

Source: Robert Wood Johnson Foundation. University of Wisconsin Population Health Institute. County Health Rankings & Roadmaps 2019. [https://www.countyhealthrankings.org/app/illinois/2019/rankings/winnebago/county/outcomes/overall/snapshot] [https://www.countyhealthrankings.org/app/illinois/2019/rankings/boone/county/outcomes/overall/snapshot]. Date Accessed: [03/09/2020].

[a]Percentage of population with adequate access (residing in a census block that is within a half mile of a park, or residing in an urban census block that is within one mile of a recreational facility, or residing in a rural census block that is within three miles of a recreational facility) to locations for physical activity.

26% of adults in Winnebago, 23% in Boone, 22% in Illinois, and 22% in the United States reported no leisure-time physical activity in the past month. This represents a decrease in Boone, Illinois, and the United States.

Table 71

Physical Inactivity[a]: Winnebago County, Boone County, Illinois, and U.S., 2010-2015				
Year	**Winnebago County**	**Boone County**	**Illinois**	**U.S.**
2010	26%	25%	24%	25%
2011[b]	27%	25%	23%	24%
2012	26%	23%	23%	24%
2013	27%	23%	21%	22%
2014	27%	24%	22%	23%
2015	26%	23%	22%	22%

Source: Robert Wood Johnson Foundation. University of Wisconsin Population Health Institute. County Health Rankings & Roadmaps 2019. [https://www.countyhealthrankings.org/app/illinois/2019/rankings/winnebago/county/outcomes/overall/snapshot] [https://www.countyhealthrankings.org/app/illinois/2019/rankings/boone/county/outcomes/overall/snapshot]. Date Accessed: [03/09/2020].

Note: County Health Rankings uses modeled estimates from 3 years of survey data, so interpret trends with caution and supplement with additional local level data.

[a]Percentage of adults ≥20 years reporting no leisure-time physical activity in the past month. Based upon BRFSS response data: Individuals who answered "no" to the question "During the past month, other than your regular job, did you participate in any physical activities/exercises: running, calisthenics, golf, gardening or walking?".

[b]Both landline and cell phone users are included. Prior to 2011, only landline users were included.

Food Insecurity is higher in Winnebago County than in Boone or Illinois.

Table 72

Overall and Child Food Insecurity[a]: Winnebago County, Boone County, and Illinois, 2017						
	Winnebago County		Boone County		Illinois	
Population	# of Food Insecure Persons	Food Insecurity Rate	# of Food Insecure Persons	Food Insecurity Rate	# of Food Insecure Persons	Food Insecurity Rate
Overall	36,390	12.7%	4,140	7.7%	1,395,970	10.9%
Child	12,370	18.1%	2,140	15.4%	453,260	15.7%

Source: Gundersen, C., A. Dewey, M. Kato, A. Crumbaugh & M. Strayer. *Map the Meal Gap 2019: A Report on County and Congressional District Food Insecurity and County Food Cost in the United States in 2017. Feeding America, 2019.* [https://public.tableau.com/profile/feeding.america.research#!/vizhome/2017StateWorkbook-Public_15568266651950/CountyDetailDataPublic]. Date Accessed: [04/07/2020].

Note: Rates were determined using: 2001-2017 Current Population Survey data on individuals in food insecure households; 2017 American Community Survey data on median household incomes, poverty rates, homeownership, and race and ethnic demographics; and 2017 Bureau of Labor Statistics unemployment rate data. State data is comprised of aggregated congressional district data within the state.

[a]Lack of adequate access to enough nutritious foods.

Elevated blood lead can contribute to learning disabilities, developmental delays, and behavioral problems in children. Lead can be found in drinking water, in the soil, and in lead-based paint. The manufacture of lead based paint had been decreasing since the 1950's and was banned in 1978.

In Winnebago County 26.77% of homes were built before 1950 where the highest concentration of lead based paint may occur. In Boone County 27.51% of homes were built before 1950. Both of these are below Illinois rate of 31.83%.

Table 73

Homes Built Before 1950: Winnebago County, Boone County, and Illinois, 2000[a]		
Location	**n**	**%**
Illinois	1,555,079	31.83%
Winnebago County	30,628	26.77%
Boone County	4,241	27.51%

Source: Centers for Disease Control and Prevention. National Environmental Health Tracking Program. Blood Lead Testing and Age of Housing. [https://ephtracking.cdc.gov/DataExplorer]. Date Accessed: [11/13/2019].

[a]Data taken from the U.S. Census Bureau 2000 Census

Lead disproportionally effects children younger than six years of age. Blood lead levels above 5µg/dL are levels of concern. In Winnebago County 3.0% of children had blood lead levels between 5µg/dL and 9µg/dL. 1.3% of children in Boone and 2.4% of children in Illinois tested in this range. In Winnebago County 1.1% of children had blood levels of 10µg/dL or greater. In Boone and Illinois 0.7% of children were above 10µg/dL.

Table 74

Annual Percent of Children Tested with Confirmed Blood Lead Levels Between >5 micrograms/dL and <10 micrograms/dL and Confirmed Blood Lead Levels of 10 micrograms/dL or Greater: Winnebago County, Boone County, Illinois, and U.S., 2010-2014						
	Winnebago County		Boone County		Illinois	
Year	>5 µg/dL and <10 µg/dL	≥10 µg/dL	>5 µg/dL and <10 µg/dL	≥10 µg/dL	>5 µg/dL and <10 µg/dL	≥10 µg/dL
2010	9.213%	1.422%	7.767%	Suppressed[a]	4.448%	1.487%
2011	6.444%	1.483%	2.095%	1.397%	4.210%	1.323%
2012	5.708%	1.450%	3.697%	Suppressed[a]	3.654%	1.449%
2013	3.353%	0.986%	1.329%	Suppressed[a]	2.762%	1.166%
2014	3.393%	1.125%	0.667%	Suppressed[a]	2.341%	1.104%

Source: Centers for Disease Control and Prevention. National Environmental Health Tracking Program and Lead Poisoning Prevention Program. Annual Blood Lead Levels. [https://ephtracking.cdc.gov/DataExplorer]. Data Accessed: [04/07/2020].

Note: Because data are not randomly sampled/representative of the population, number and percent of children tested with elevated blood levels cannot be interpreted as prevalence/incidence for the population. CDC current blood lead reference level: 5µg/dL, based on children ages 1-5 in the highest 2.5% of children tested --97.5th percentile of National Health and Nutrition Examination Survey (NHANES) 2007-2008 and 2009-2010 data regarding blood lead distribution in children. There is no blood lead level identified as safe in children.

[a]Non-zero counts <6 and corresponding rates are suppressed for counties with a population less than 100,000 to protect confidentiality.

Children enrolled in Medicaid are more likely to get blood lead levels tested.

Table 75

Proportion of Children Tested[a] for Blood Lead by Medicaid Status: Winnebago County, Boone County, and Illinois, 2017							
		Medicaid-Enrolled			Non-Medicaid Enrolled		
Location	Total Tested	% Tested	≥ 5µg/dL	≥ 10µg/dL	% Tested	≥ 5µg/dL	≥ 10µg/dL
Illinois	229,203	69.4%	3.4%	0.8%	30.6%	2.7%	0.7%
Winnebago County	6,240	76.4%	4.2%	1.0%	23.6%	4.1%	1.4%
Boone County	1,020	75.6%	1.4%	0.3%	24.4%	3.6%	2.0%

Source: Illinois Department of Public Health - Illinois Lead Program: 2017 Annual Surveillance Report, February 2019 [http://www.dph.illinois.gov/sites/default/files/publications/lead-surveillance-report-2017-20.pdf]. Date Accessed: [03/09/2020].

[a]Via capillary/venous blood draw

SUPPLEMENTAL TABLES FOR SECTION 7

- Annual Volume of Reported Violent Crime and Property Crime Offenses by Type: Winnebago County, 2010-2018
- Percent of West Nile Virus Tested Mosquitoes and Dead Birds with a Positive Result: Winnebago County, 2015-2019
- Annual Number of Demolitions: Winnebago County, 2015-2019

Section 8: Housing and Transportation

Status of home ownership, costs of housing, and characteristics of commuting behavior is summarized in this Section.

The homeownership rate is 66% in Winnebago County, 79% in Boone, and 66% in Illinois. 13% of households in Winnebago County have a severe housing cost burden meaning they spend more than 50% of their income on housing. This rate is 11% in Boone and 15% in Illinois.

Table 76

Home Ownership and Cost Burden: Winnebago County, Boone County, Illinois, 2013-2017

	Homeownership [a]		Severe Housing Cost Burden [b]	
	# Homeowners	% Homeowners	# Households with Severe Cost Burden	% Severe Housing Cost Burden
Winnebago County	75,723	66.0%	15,041	13.0%
Boone County	14,820	79.0%	2,095	11.0%
Illinois	3,185,142	66.0%	707,757	15.0%

Source: Robert Wood Johnson Foundation. University of Wisconsin Population Health Institute. County Health Rankings & Roadmaps 2019. [https://www.countyhealthrankings.org/app/illinois/2019/rankings/winnebago/county/outcomes/overall/snapshot] [https://www.countyhealthrankings.org/app/illinois/2019/rankings/boone/county/outcomes/overall/snapshot]. Date Accessed: March 17, 2020.

[a] Percentage of occupied housing units that are owned. The 2019 County Health Rankings used data from 2013-2017 for this measure.

[b] Percentage of households that spend 50% or more of their household income on housing. The 2019 County Health Rankings used data from 2013-2017 for this measure.

The eviction rate in 2016 was 3.81% in Winnebago, was 1.22% in Boone, and 1.58% in Illinois. Evictions, eviction filings, and eviction filling rates increased between 2012 and 2016 in Winnebago County. In Boone County number of evictions, eviction rates, number of eviction filings, and eviction filling rates significantly increased from 2012. In Illinois evictions, eviction rates, number of eviction filings, and eviction filling rates decreased from 2012.

Table 77

Eviction and Eviction Filing Rates - A Two-Year Comparison: Winnebago County, Boone County, Illinois, 2012 & 2016									
	Winnebago County			Boone County			Illinois		
	2012	2016	% Change	2012	2016	% Change	2012	2016	% Change
# Evictions	1,437	1,474	↑ 2.6%	6	49	↑ 716.7%	34,854	26,453	↓ 24.1%
Eviction Rates [a]	3.88%	3.81%	↓ 1.8%	0.16%	1.22%	↑ 662.5%	2.18%	1.58%	↓ 27.5%
# Eviction Filings	1,857	2,104	↑ 13.3%	8	83	↑ 937.5%	67,758	56,948	↓ 15.9%
Eviction Filing Rates [b]	5.02%	5.43%	↑ 8.2%	0.21%	2.06%	↑ 880.9%	4.24%	3.41%	↓ 19.6

Source: Eviction Lab, 2000-2016. Winnebago County, Boone County, Illinois. Princeton University. [https://evictionlab.org/map/#/2016?geography=counties&bounds=-117.482,28.357,-69.74,46.809&type=er&locations=17201,-89.165,42.338%2B17,-89.199,40.064%2B17007,-88.827,42.326]. Date Accessed: March 17, 2020.

[a] Eviction rates = number of evictions per 100 renter homes

[b] Eviction filing rates = number of eviction filings per 100 renter homes

In Winnebago County there are 114,491 occupied housing units and 11,309 unoccupied housing units. In Boone County, there are 18,709 occupied housing units and 11,309 unoccupied housing units. In Illinois there are 4,818,452 occupied housing units and 516,395 unoccupied housing units. The average household size is 2.54 for homeowners and is 2.34 for renters. There are similar rates in Boone and Illinois. The most common king of housing unit are detached single unit structures. The most common kind of heating fuel was utility gas, followed by electricity and bottled gas such as propane/butane.

Table 78

Housing Characteristics: Winnebago County, Boone County, Illinois, 2017			
	Winnebago County	**Boone County**	**Illinois**
Housing Occupancy			
Occupied Housing Units	114,491	18,709	4,818,452
Vacant Housing Units	11,309	1,345	516,395
Homeowner Vacancy Rate [g]	2.0	2.3	1.9
Rental Vacancy Rate [h]	5.9	2.3	6.4
Units in Structure			
1 Unit, Detached	88,048	16,386	3,141,506
1 Unit, Attached	5,465	689	305,724
2 Units	7,927	526	301,108
3-4 Units	7,807	421	347,038
5-9 Units	4,865	293	339,698
10-19 Units	3,120	382	208,671
20 + Units	6,357	363	556,080
Mobile Home	2,167	994	133,565
Boat, RV, Van, etc.	44	0	1,457
Housing Tenure			
Owner-Occupied	75,723	14,820	3,185,142
Average Household Size	2.54	2.85	2.71
Renter-Occupied	38,768	3,889	1,633,310
Average Household Size	2.34	2.85	2.41
House Heating Fuel			
Utility Gas	97,303	14,899	3,766,827
Bottled, Tank, or LP Gas	2,490	1,142	198,002
Electricity	13,387	2,427	766,981
Fuel Oil, Kerosene, etc.	110	65	7,720
Coal or Coke	5	0	815
Wood	482	55	22,991
Solar Energy	5	0	908
Other Fuel	256	87	23,708
No Fuel Used	453	34	30,500

Table 79 (continuation of Table 78)

Housing Characteristics: Winnebago County, Boone County, Illinois, 2017			
	Winnebago County	Boone County	Illinois
Gross Rent			
< $200	5,324 [f]	620 [f]	176,437 [f]
$200-299			
$300-499			
$500-999	22,692	1,614	681,619
$1,000-1,499	7,713	871	438,294
$1,500-1,999	900	450	170,117
$2,000-2,499	292	57	58,105
$2,500-2,999	68	9	20,455
$3,000 +	96	21	17,057
No Rent Paid	1,683	247	71,226
Gross Rent as a Percentage of Household Income			
< 15.0%	4,759	465	203,180
15.0-19.9%	5,085	545	202,963
20.0-24.9%	4,624	575	192,890
25.0-29.9%	4,430	441	169,748
30.0-34.9%	2,866	501	132,421
>35.0%	14,576	1,065	612,339
Not Computed	2,428	297	119,769
Other Housing Characteristics			
Lacking Complete Plumbing	337	16	13,555
Lacking Complete Kitchen	1,290	29	34,783
No Telephone Service Available	3,030	409	114,802

Source: U.S. Census Bureau, 2013-2017 American Community Survey 5-Year Estimates [https://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=ACS_17_5YR_DP04&prodType=table]

[a] 2015, 2016, 2017 Units with Mortgage Monthly Owner Cost first breakdown category is "Less than $500".

[b] 2015, 2016, 2017 Units with Mortgage Monthly Owner Cost second breakdown category is "$500 to $999".

[c] 2015, 2016,2017 Units without Mortgage Monthly Owner Cost first two breakdown categories are "Less than $250" and "$250 to $399". Categories were totaled and input to the appropriate cells in table.

[d] 2015, 2016, 2017 Units without Mortgage Monthly Owner Cost third through fifth breakdown categories are "$400 to $599", "$600 to $799", and "$800 to $999". Categories were totaled and input to the appropriate cells in table.

[e] 2015, 2016, 2017 Units without Mortgage Monthly Owner Cost final breakdown category is "$1,000 or more".

[f] 2015, 2016, 2017 Gross Rent first breakdown category is "Less than $500".

[g] Homeowner Vacancy Rate formula = {(year-round vacant units for sale only)/ [(owner occupied units) + (year-rounds vacant untils sold, not yet occupied) + (year-round vacant units for sale only)]} x 100

[h] Rental Vacancy Rate formula ={(year-round vacant for rent) / [(year-round vacant units for rent) + (renter occupied units) + (year-round vacant units rented, not yet occupied)]} x 100

In Winnebago County, 29.9% of households spend more than 30% of their income on housing. In Boone County it is 29.3% and in Illinois it is 31.83%. Cost burdened households are most likely to be renters and least likely to be cost-burdened own a home with no mortgage. In Winnebago County, 8.99% of all housing units are vacant. In Boone County, 6.71% of housing units are vacant and in Illinois it is 9.68%.

Table 80

Cost-Burdened Households and Housing Vacancies: Winnebago County, Boone County, Illinois, 2013-2017						
	Winnebago County		Boone County		Illinois	
	n	%	n	%	n	%
Cost-Burdened Households [a]	33,530	29.29%	5,474	29.3%	1,533,754	31.83%
Cost-Burdened Households by Tenure [b]						
Cost-Burdened Rental Households	17,442	44.99%	1,566	40.27%	744,760	45.60%
Owner Occupied, Cost-Burdened Households with Mortgage	12,765	25.98%	3,170	30.86%	608,728	29.66%
Owner Occupied, Cost-Burdened Households with No Mortgage	3,323	12.50%	738	16.22%	180,266	15.92%
Housing Vacancy [c]						
Total Vacant Housing Units	11,309	8.99%	1,345	6.71%	516,395	9.68%
Vacant Housing Units for Sale	2,044	2.63%	352	2.32%	93,392	2.85%
Vacant Housing Units for Rent	2,804	6.74%	203	4.96%	132,409	7.50%
Vacant Housing Units for Other Use	6,461	36.36%	790	37.00%	290,594	36.01%

Source: CARES Engagement Network.
[https://engagementnetwork.org/assessment/?REPORT=%7B%22indicator%22%3A%5B42%2C43%2C44%2C45%5D%2C%22name%22%3A%22Health%20Indicators%20Report%22%2C%22contentId%22%3A%22%23cdt-report-content%22%2C%22output%22%3A%7B%22countylist%22%3Afalse%2C%22statelist%22%3Atrue%2C%22map%22%3Atrue%2C%22breakout%22%3Atrue%7D%2C%22location%22%3A%7B%22key%22%3A%22county%22%2C%22type%22%3A%22county%22%2C%22show_county%22%3Atrue%2C%22show_state%22%3Atrue%2C%22id%22%3A%5B%2217201%22%2C%2217007%22%5D%2C%22name%22%3A%5B%22Winnebago%20County%2C%20IL%22%2C%22Boone%20County%2C%20IL%22%5D%7D%7D]. Date Accessed: March 19, 2020.

[a] Note: This indicator is compared to the state average.
Source: US Census Bureau, American Community Survey. 2013-17.
This indicator reports the percentage of the households where housing costs exceed 30% of total household income. This indicator provides information on the cost of monthly housing expenses for owners and renters. The information offers a measure of housing affordability and excessive shelter costs. The data also serve to aid in the development of housing programs to meet the needs of people at different economic levels.

[b] This data shows the percentage of households by tenure that are cost burdened. Cost burdened rental households (those that spent more than 30% of the household income on rental costs) represented 44.56% of all of the rental households in the report area, according to the U.S. Census Bureau American Community Survey (ACS) 2013-2017 5-year estimates. The data for this indicator is only reported for households where tenure, household housing costs, and income earned was identified in the American Community Survey.

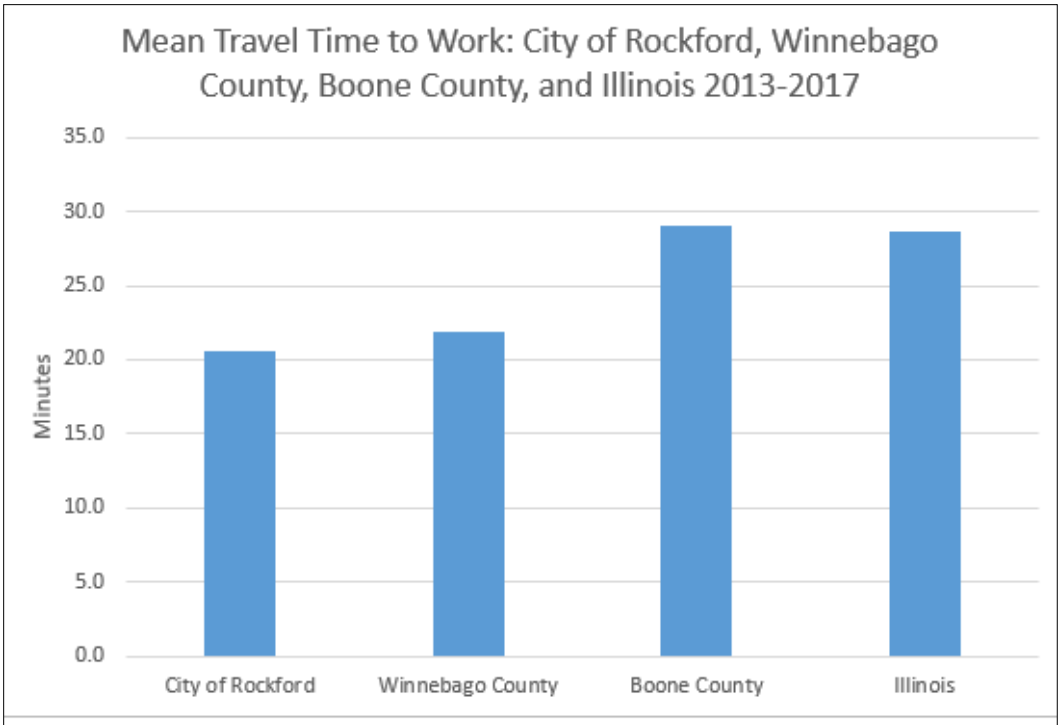
[c] This indicator reports the number and percentage of housing units that are vacant. A housing unit is considered vacant by the American Community Survey if no one is living in it at the time of interview. Units occupied at the time of interview entirely by persons who are staying two months or less and who have a more permanent residence elsewhere are considered to be temporarily occupied, and are classified as "vacant."

On average it takes 20.6 minutes of indiviausl who live in Rockford to get to work from home. That time is 21.9 minutes for Winnebago, 29.0 minutes for Boone, and 28.7 minutes for Illinois.

Table 81

Mean Travel Time to Work (Minutes), Workers Aged 16 Years +: City of Rockford, Winnebago County, Boone County, and Illinois 2013-2017	
Location	**Minutes**
City of Rockford	20.6
Winnebago County	21.9
Boone County	29.0
Illinois	28.7
Rico Community Survey (PRCS), 5-Year Estimates. [https://www.census.gov/quickfacts]. Date Accessed: March 19, 2020.	
Rockford -https://www.census.gov/quickfacts/rockfordcityillinois]	
Winnebago County - [https://www.census.gov/quickfacts/winnebagocountyillinois]	
Boone County - [https://www.census.gov/quickfacts/boonecountyillinois]	
Illinois - [https://www.census.gov/quickfacts/fact/table/IL/PST045218]	
Travel time to work refers to the total number of minutes that it usually took the person to get from home to work each day during the reference week.	
Mean travel time to work is obtained by dividing the total number of minutes by the number of workers 16 years old and over who did not work at home.	

Chart 36



Source: American Commuinity Survey (ACS) [https://www.census.gov/quickfacts]
Date Acessed: [3/19/20]

According to the 2019 County Health Rankings, 84% of workers drive to work alone in Winnebago and Boone County. In Illinois 73% of workers drive to work alone. Of individuals who drive to work alone, 22% in Winnebago, 37% in Boone, and 41% in Illinois commute more than 30 minutes.

Table 82

Percentage of Workforce that Drives Alone to Work: Winnebago County, Boone County, Illinois, 2013-2017			
	Winnebago County	Boone County	Illinois
% Driving Alone to Work [a]	84%	84%	73%
White	86%	81%	[c]
Black	78%	79%	[c]
Hispanic	81%	80%	[c]
% Driving Alone with Long Commute [b]	22%	37%	41%

Source: Robert Wood Johnson Foundation. University of Wisconsin Population Health Institute. County Health Rankings & Roadmaps 2019. [https://www.countyhealthrankings.org/app/illinois/2019/rankings/winnebago/county/outcomes/overall/snapshot] [https://www.countyhealthrankings.org/app/illinois/2019/rankings/boone/county/outcomes/overall/snapshot]. Date Accessed: March 19, 2020.

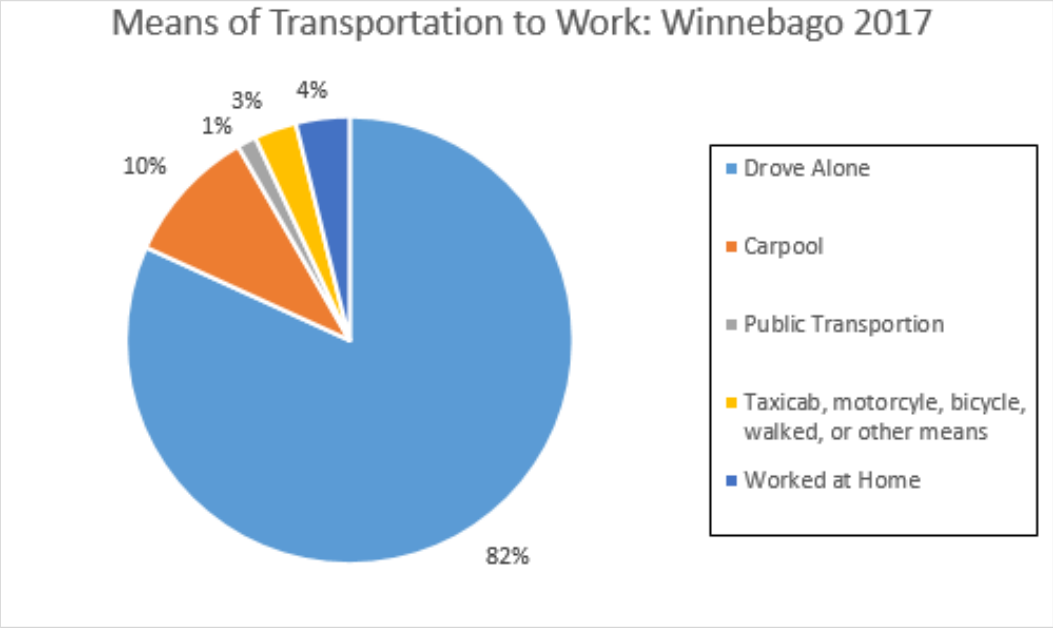
[a] Percentage of the workforce that drives alone to work. The 2019 County Health Rankings used data from 2013-2017 for this measure.

[b] Among workers who commute in their car alone, the percentage that commute more than 30 minutes. The 2019 County Health Rankings used data from 2013-2017 for this measure.

[c] Data not provided by source.

According to the American Community Survey, in Winnebago County 82% of workers drive to work alone, 10% carpool, 1% take public transportation, 3% get to work via some other means i.e. take a taxi, walk, or bike, and 4% work from home.

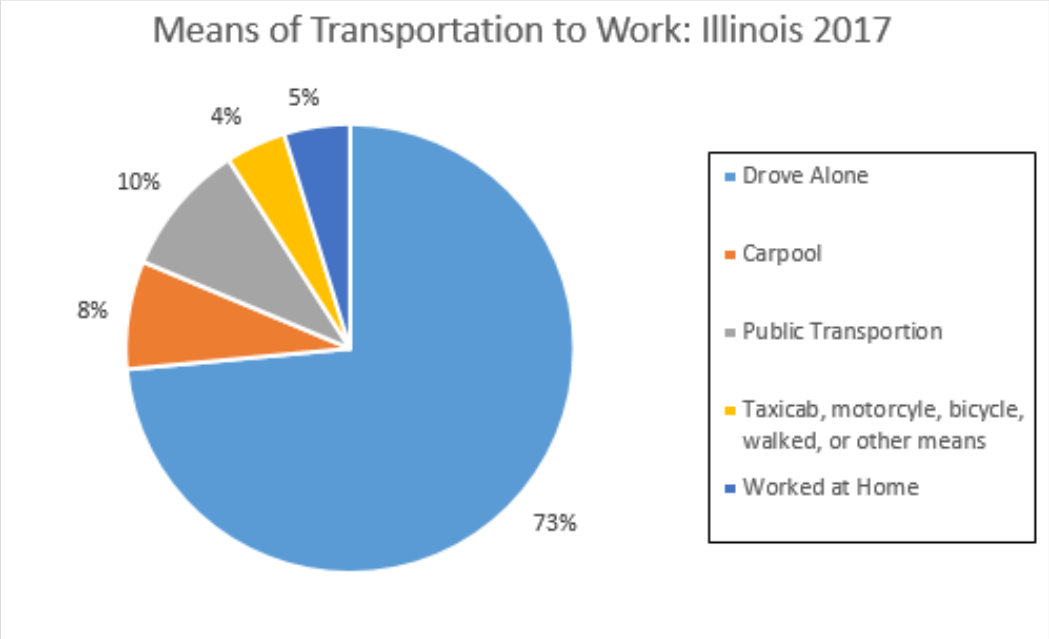
Chart 37



Source: US Census Bureau, American Community Survey. 1-Year Estimate, 2017. [https://data.census.gov/cedsci/table?q=transportaion&g=0400000US17_0500000US17201&tid=ACSDT1Y2017.B08141&hidePreview=false]

In Illinois, 73% of workers drive to work alone, 8% carpool, 10% take public transportation, 4% get to work via some other means i.e. take a taxi, walk, or bike, and 5% work from home.

Chart 38



Source: US Census Bureau, American Community Survey. 1-Year Estimate, 2017. [https://data.census.gov/cedsci/table?q=transportaion&g=0400000US17_0500000US17201&tid=ACSDT1Y2017.B08141&hidePreview=false]

SUPPLEMENTAL TABLES FOR SECTION 8

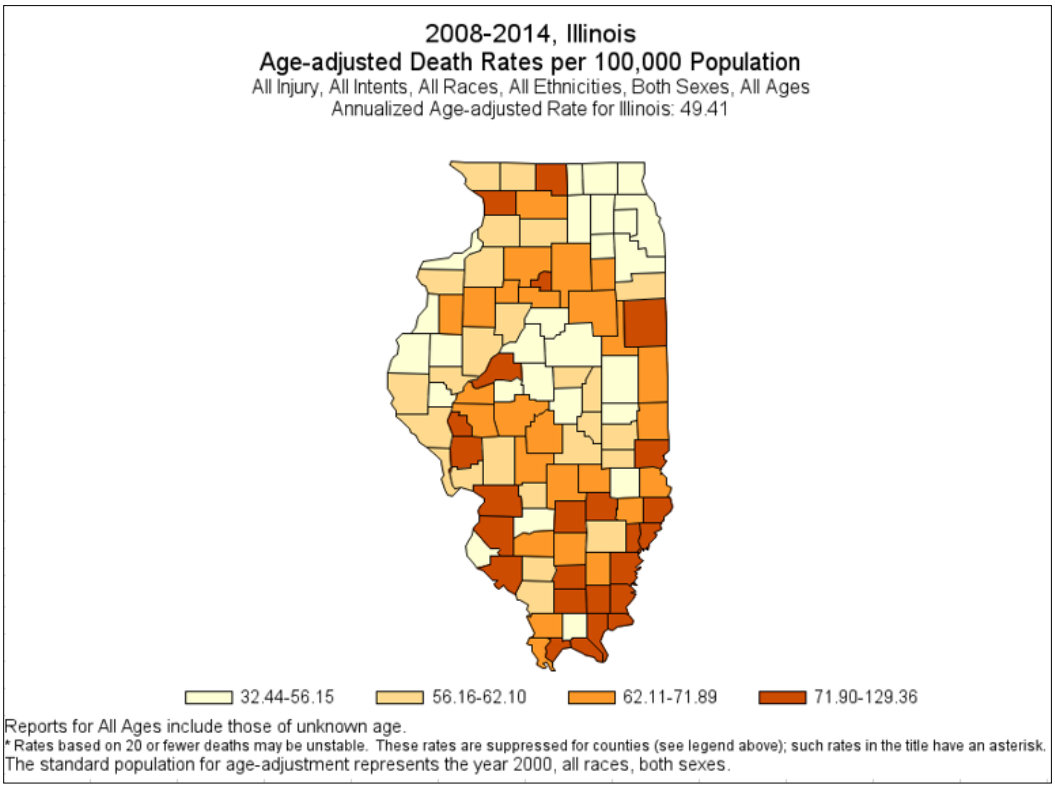
- Housing Characteristics: Winnebago, Boone and IL, 2013-2017
- Year Structure Built, Winnebago, Boone, IL
- Housing Occupancy Characteristics, 5-Year Estimate: Winnebago, Boone, IL and U.S., 2013-2017
- Household Size, 5-Year Estimate: Winnebago, Boone, IL and U.S., 2013-2017

Section 9: Injury and Illness

The Age-Adjusted Mortality rate for Winnebago County is higher than for Boone County or the State of Illinois; for Blacks the rate is even higher. Winnebago County has a fatal injury rate higher than for Boone County or the State of Illinois. The firearm mortality rate is higher in Winnebago County than Illinois.

The age-adjusted death rate is 71.9 per 100,000 population in Winnebago, is 48.2 per 100,000 in Boone and is 49.4 per 100,000 throughout all of Illinois. Males, Blacks, and Non-Hispanics have an elevated death rate. Individuals 75 years and older have an elevated rate that increases with age.

Chart 39



In Winnebago County, 10.2% of individuals are at risk of injury due to not wearing a seatbelt. In Boone County, 11.7% are at risk and in Illinois 11.6% are at risk. In Winnebago County, 28.4% of adults had fallen in the past 12 months. In Boone County, 29.7% fell and in Illinois 27.4% fell. Of the individuals who fell, 47.4% of them were injured in Winnebago County, and 38.3% were injured in Illinois.

Table 83

Seatbelt and Fall Injury Prevalence: Winnebago County, Boone County, and Illinois, 2010-2014					
	Winnebago County		Boone County		Illinois
Characteristic	n	Column %	n	Column %	Column %
Risk For Injury Due To No Seatbelt Use [a]					
At Risk	21,700	10.2%	4,544	11.7%	11.6%
Total	213,024	100%	38,886	100%	100%
Had Fall Past 12 Months [b]					
Yes	33,339	28.4%	6,215	29.7%	27.4%
Total	117,548	100%	20,945	100%	100%
Injured By Falling Past 12 Months [c]					
Yes	15,804	47.4%	d	d	38.3%
Total	33,339	100.0%			100.0%

Source: Illinois Department of Public Health (IDPH). Health Statistics. Illinois County Behavioral Risk Factor Surveys, Winnebago County and Boone County, Round 5 (2010-2014)
Source: Illinois Department of Public Health (IDPH). Health Statistics. Illinois Behavioral Risk Factor Surveillance Survey (BRFSS) Data, 2014. Date Accessed: February 24, 2020.

Table: Winnebago - [http://app.idph.state.il.us/brfss/countydata.asp?selTopicCounty=injury&areaCounty=Winn_102&show=freq&yrCounty=5&form=county&yr=&area=&selTopic=]

Boone - [http://app.idph.state.il.us/brfss/countydata.asp?selTopicCounty=injury&areaCounty=Boone_4&show=freq&yrCounty=5&form=county&yr=&area=&selTopic=]

Illinois - [http://app.idph.state.il.us/brfss/statedata.asp?selTopic=injury&area=il&yr=2014&form=strata&show=freq]

[a] Question = How often do you use seat belts when you drive or ride in a car?

[b] Question = In the past 12 months, how many times have you fallen?

[c] Question = How many of these falls caused an injury? By an injury, we mean the fall caused you to limit your regular activities for at least a day or to go see a doctor.

[d] These data are suppressed. The unweighted cell count is 5 or less and/or row totals 50 or less and/or the confidence interval width is equal to or greater than +/-12.5%. These instances do not meet standards of reliability.

Table 84

Vehicular-Related Fatalities: Winnebago County, Boone County, and Illinois, 2014-2018															
	2014			2015			2016			2017			2018		
Accident Type [a]	Winnebago County	Boone County	Illinois	Winnebago County	Boone County	Illinois	Winnebago County	Boone County	Illinois	Winnebago County	Boone County	Illinois	Winnebago County	Boone County	Illinois
Traffic Fatalities	22	7	924	29	4	998	39	3	1,078	23	7	1,090	29	9	1,031
Alcohol-Impaired [c] Fatalities	9	4	317	11	[d]	295	14	1	312	5	4	328	10	2	301
Motorcyclist Fatalities [b]															
Helmet	3	0	34	0	0	41	0	0	37	2	1	48	0	1	31
No Helmet	1	0	81	4	0	105	7	0	116	0	2	108	3	0	87
Unknown	0	0	3	0	0	1	0	0	1	0	0	4	0	0	1
Total	4	0	118	4	0	147	7	0	154	2	3	160	3	1	119

Source: [a] Fatality Analysis Reporting System (FARS). (2017). National Highway Traffic Safety Administration (NHTSA). [https://www-fars.nhtsa.dot.gov/States/StatesCrashesAndAllVictims.aspx]. Date Accessed: February 24, 2020.

Source: [b] Traffic Safety Performance (Core Outcomes) Measures for Illinois. National Highway Traffic Safety Administration (NHTSA). [https://cdan.nhtsa.gov/STSI.htm#]

[c] Drivers involved in fatal crashes, by county and blood alcohol concentration (BAC) of the driver. Highest driver BAC = .08+. These fatalities are a subset of total traffic fatalities.

[d] Data listed by source as NA.

Table 85

See Next Page

Fatal Injury Rates: Winnebago County, Boone County, and Illinois, 2008-2014						
	Winnebago County		Boone County		Illinois	
Characteristics	n	Age-Adjusted Rate	n	Age-Adjusted Rate	n	Age-Adjusted Rate
All Injury, All Intents, All Races, All Ethnicities, Both Sexes, All Ages	1,499	71.9	176	48.2	45,627	49.4
Age						
0-4 yrs.	25	18.7	a	a	947	16.5
5-9 yrs.	a	a			231	3.9
10-14 yrs.	a	a			360	5.9
15-19 yrs.	65	46.6			2,420	38.3
20-24 yrs.	136	109.0			4,065	65.3
25-29 yrs.	131	102.3			3,724	59.1
30-34 yrs.	96	76.3			3,352	54.7
35-39 yrs.	114	88.4			3,045	51.4
40-44 yrs.	133	97.3			3,184	52.2
45-49 yrs.	108	73.3			3,641	57.1
50-54 yrs.	123	80.8			3,819	58.9
55-59 yrs.	125	89.8			3,018	52.0
60-64 yrs.	69	58.1			2,066	43.1
65-69 yrs.	30	32.7			1,606	44.7
70-74 yrs.	53	79.7			1,527	57.2
75-79 yrs.	70	136.0			1,676	81.4
80-84 yrs.	67	163.1			2,277	139.9
85+	142	329.2			4,663	276.1
Race						
White	1,253	70.0	172	49.2	35,858	47.9
Black	233	87.0	a	a	9,060	66.3
American Indian/Alaska Native	a	a	a	a	58	11.8
Asian/Pacific Islander	a	a	a	a	651	16.3
Ethnicity						
Non-Hispanic	1,420	75.3	152	50.0	41,557	52.1
Hispanic	76	47.3	24	32.2	3,714	29.6
Sex						
Male	1,014	104.0	118	65.9	31,995	73.6
Female	485	42.0	58	29.9	13,632	26.9
Intent of Injury						
Unintentional	1,078	50.8	124	33.9	29,985	32.3
Violence-Related [b]	382	19.2	48	13.1	14,646	16.1
Homicide	138	7.2	a	a	5,764	6.4
Suicide	238	11.7	41	11.0	8,790	9.5
Undetermined	39	1.9	a	a	994	1.1
Mechanism of Injury						
Cut/Pierce	a	a	a	a	725	0.79
Drowning	a	a	a	a	952	1.1
Drugs, Adverse Effects	a	a	a	a	85	0.09
Fall	236	9.8	24	6.5	6,559	6.8
Fire/Burn	a	a	a	a	841	0.90
Firearm	204	10.3	21	5.7	7,815	8.6
Machinery	a	a	a	a	159	0.17
Medical Care, Adverse Effects	a	a	a	a	608	0.64
Natural/Environmental	a	a	a	a	373	0.39
Overexertion	a	a	a	a	a	a
Poisoning	525	26.0	41	11.3	11,519	12.7
Struck By/Against	a	a	a	a	193	0.21
Suffocation	156	7.7	a	a	5,159	5.6
Terroism	a	a	a	a	a	a
Transportation-Related	233	11.3	47	12.7	8,169	8.9
Unspecified	41	1.8	a	a	2,085	2.1

Source: Centers for Disease Control and Prevention (CDC). (2014). Fatal Injury Mapping. Web-based Injury Statistics Query and Reporting System (WISQARS), 2008-2014 [https://wisqars.cdc.gov:8443/cdcMapFramework/mapModuleInterface.jsp]. Date Accessed: February 25, 2020.

Maps produced by: The Statistics, Programming & Economics Branch, National Center for Injury Prevention & Control, CDC.

Rates are death rates per 100,000, crude, unsmoothed, age-adjusted

[a] Rates based on 20 or fewer deaths may be unstable. These rates are suppressed.

[b] Violence-related data includes homicide data.

Of the 148 driving deaths in Winnebago County, 56 (38%) involved alcohol. Of the 31 driving deaths in Boone County, 9 (29%) involved alcohol. Of the 5,088 driving deaths in Illinois, 1,657 (33%) involved alcohol.

Table 86

Alcohol-impaired Driving Deaths [a]: Winnebago County, Boone County, Illinois, 2013-2017			
	Winnebago County	**Boone County**	**Illinois**
# Alcohol-Impaired Driving Deaths	56	9	1,657
# Driving Deaths	148	31	5,088
% Alcohol-Impaired	38.0%	29.0%	33.0%

Source: Robert Wood Johnson Foundation. University of Wisconsin Population Health Institute. County Health Rankings & Roadmaps 2019. [https://www.countyhealthrankings.org/app/illinois/2019/rankings/winnebago/county/outcomes/overall/snapshot] [https://www.countyhealthrankings.org/app/illinois/2019/rankings/boone/county/outcomes/overall/snapshot]. Date Accessed: February 25, 2020.

[a] Percentage of driving deaths with alcohol involvement. The 2019 County Health Rankings used data from 2013-2017 for this measure.

The injury mortality rate is 91 per 100,000 population. In Boone County the fatal injury rate is 52 and in Illinois it is 59.

Table 87

Fatal Injuries [a]: Winnebago County, Boone County, Illinois, 2013-2017			
	Winnebago County	Boone County	Illinois
# Injury Deaths	1,304	139	38,039
Injury Mortality Rate	91	52	59

Source: Robert Wood Johnson Foundation. University of Wisconsin Population Health Institute. County Health Rankings & Roadmaps 2019. [https://www.countyhealthrankings.org/app/illinois/2019/rankings/winnebago/county/outcomes/overall/snapshot] [https://www.countyhealthrankings.org/app/illinois/2019/rankings/boone/county/outcomes/overall/snapshot]. Date Accessed: February 25, 2020.

[a] Number of deaths due to injury per 100,000 population. The 2019 County Health Rankings used data from 2013-2017 for this measure. Deaths are counted in the county of residence of the deceased. The numerator is the number of injury deaths with an underlying cause of injury (ICD-10 codes *U01-*U03, V01-Y36, Y85-Y87, Y89) during the five-year period. The denominator is the aggregate annual population for the five-year period.

The firearm mortality rate is 12 per 100,000 population in Winnebago County. The homicide rate is 6 per 100,000 in Boone County and is 10 per 100,000 in Illinois.

Table 88

Firearm Deaths [a]: Winnebago County, Boone County, Illinois, 2013-2017			
	Winnebago County	Boone County	Illinois
# Firearm Deaths	172	16	6,549
Firearm Mortality Rate	12	6	10

Source: Robert Wood Johnson Foundation. University of Wisconsin Population Health Institute. County Health Rankings & Roadmaps 2019. [https://www.countyhealthrankings.org/app/illinois/2019/rankings/winnebago/county/outcomes/overall/snapshot] [https://www.countyhealthrankings.org/app/illinois/2019/rankings/boone/county/outcomes/overall/snapshot]. Date Accessed: February 25, 2020.

[a] Number of deaths due to firearms per 100,000 population. The 2019 County Health Rankings used data from 2013-2017 for this measure. Deaths are counted in the county of residence of the deceased. The numerator is the number of deaths in a county due to firearms as defined by ICD-10 codes W32-W34, X72-X74, X93-X95, Y22-Y24, and Y35.0. The denominator is the aggregate annual population over the 5-year period.

There were 23 deaths due to murder and non-negligent manslaughter in Rockford, and 35 in the Rockford Metropolitan Statistical area. This resulted in a rate of 10.4 per 100,000 inhabitants.

Table 89

Murder and Non-Negligent Manslaughter, 2018		
Rockford, IL [a]	MSA [b]	Rate [c]
23 [d]	35 [d]	10.4

Source: Federal Bureau of Investigaion (FBI). (2018). Crime in the United States by Metropolitan Statistical Area, 2018 [https://ucr.fbi.gov/crime-in-the-u.s/2018/crime-in-the-u.s.-2018/topic-pages/tables/table-6]. Date Accessed: February 25, 2020.

[a] Rockford population = 146,196

[b] Metropolitan Statistical Area (MSA) is comprised of Boone and Winnebago Counties. MSA population = 335,289

[c] Rate per 100,000 inhabitants

[d] Numbers reported are actual counts.

In Winnebago and Boone Counties, the Leading Cause of Death is Heart Disease, followed by Cancer, than accidents, Chronic Lower Respiratory Disease, followed by Cerebrovascular Disease. This is the same top 5 in Illinois.

Table 90

Deaths as a Result of Various Conditions: Winnebago County, Boone County, and Illinois, 2018			
	2018		
Condition	Winnebago County	Boone County	Illinois
Accidents	242	27	6013
Alzheimer's Disease	137	17	4029
Assault (Homicide)	31	a	993
Cancer (Malignant Neoplasms)	628	101	23877
Cerebrovascular Disease	147	18	5853
Chronic Liver Disease and Cirrhosis	53	a	1421
Chronic Lower Respiratory Disease	203	27	5639
Diabetes Mellitus	67	13	2879
Essential Hypertension & Hypertensive Renal Disease	22	a	1234
Heart Disease	701	117	25747
Influenza and Pneumonia	55	a	2562
Intentional Self Harm (Suicide)	47	a	1488
Kidney Disease	70	a	2644
Parkinson's Disease	53	a	1415
Pneumonitis Due to Solids & Liquids	18	a	852
Septicemia	39	a	1790

Source: Illinois Department of Public Health (IDPH) & National Center for Health Statistics (NCHS) via IQuery. (2018). [https://iquery.illinois.gov/dataquery/Default.aspx]. Date Accessed: February 25, 2020.

[a] Data listed by source as "1 to 11".

In Winnebago County 8,989 years of potential life are lost due to premature death per 100,000 population. In Illinois 6,568 years are lost and in Boone County 5,113 years are lost.

Table 91

Premature Death [a] by Race/Ethnicity, 3-Year Average: Winnebago County, Boone County, and Illinois, 2015-2017	
Location	**Years of Potential Life Lost, Age-Adjusted Rate per 100,000 Population [b]**
Illinois	6,568
Winnebago County	8,989
White	8,728
Black	14,603
Hispanic	5,144
Boone County	5,113
White	5,684
Black	[c]
Hispanic	3,124

Source: Robert Wood Johnson Foundation. University of Wisconsin Population Health Institute. County Health Rankings & Roadmaps 2019. [https://www.countyhealthrankings.org/app/illinois/2019/rankings/winnebago/county/outcomes/overall/snapshot] [https://www.countyhealthrankings.org/app/illinois/2019/rankings/boone/county/outcomes/overall/snapshot]. Date Accessed: February 26, 2020.

[a] Years of potential life lost before age 75 per 100,000 population. (Age-adjusted rate). The 2019 County Health Rankings used data from 2015-107 for this measure.

[b] Sum of the years of potential life lost for deaths that occurred among individuals under age 75 over a 3-year period, divided by the total population during the same 3-year period, and finally multiplied by 100,000.

[c] Source provided no data.

The Age-Adjusted mortality rate is 413 per 100,000 in Winnebago County. The rate is 327 in Illinois and 288 in Boone County. In Winnebago County, Blacks have the highest mortality rate and Hispanics have the lowest mortality rate.

Table 92

Premature, Age-Adjusted Mortality Rate by Race/Ethnicity, 3-Year Average: Winnebago County, Boone County, and Illinois, 2015-2017	
Location	**Age-Adjusted Mortality Rate per 100,000 Population [b]**
Illinois	327
Winnebago County	413
White	407
Black	631
Hispanic	239
Boone County	288
White	305
Black	[c]
Hispanic	184

Source: Robert Wood Johnson Foundation. University of Wisconsin Population Health Institute. County Health Rankings & Roadmaps 2019. [https://www.countyhealthrankings.org/app/illinois/2019/rankings/winnebago/county/outcomes/overall/snapshot] [https://www.countyhealthrankings.org/app/illinois/2019/rankings/boone/county/outcomes/overall/snapshot]. Date Accessed: February 26, 2020.

[a] Number of deaths among residents <75 years per 100,000 population. The 2019 County Health Rankings used data from 2015-2017 for this measure.

[b] Premature Age-Adjusted Mortality measures the number of deaths among residents under the age of 75 per 100,000 population.

[c] Source provided no data.

SUPPLEMENTAL TABLES FOR SECTION 9

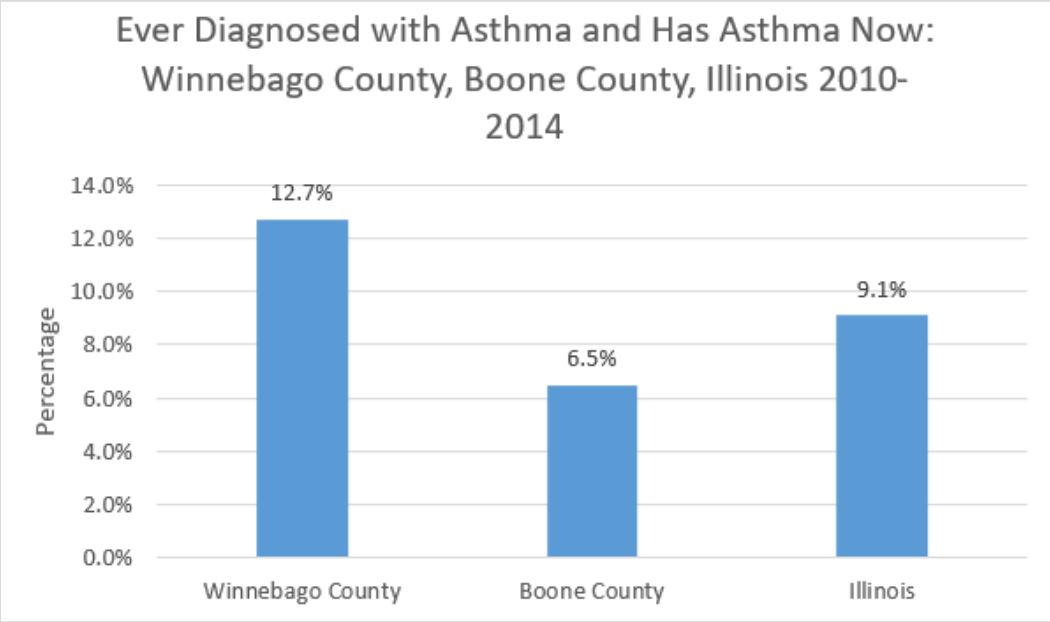
- Individuals at Risk for Injury Due to No Seatbelt use by Demographic Characteristics: Winnebago, Boone and IL, 2010-2014
- Leading Causes of Death, Winnebago County, 2013-2017

Section 10: Chronic Disease

This chapter reviews the prevalence and incidence of chronic diseases common to Winnebago County. Rates for Asthma, COPD and Depressive Disorders are higher in Winnebago County than Illinois. For cancer deaths, the rates for lung, breast, prostate and colon cancers are higher in Winnebago County than for Boone County and the State of Illinois.

In Winnebago County, 12.7% of individuals report having been diagnosed with asthma and have it currently. In Boone County, it is 6.5% of individuals and in Illinois it is 9.1%.

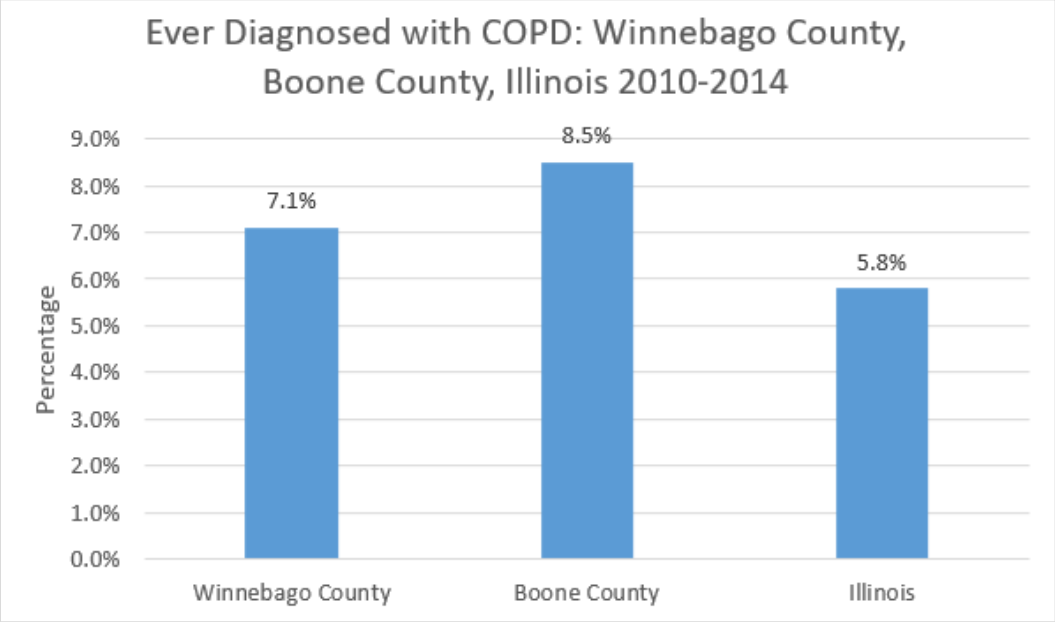
Chart 40



Sources: Illinois Department of Public Health (IDPH). Health Statistics. Illinois and Strata Area Prevalence Data. Illinois County Behavioral Risk Factor Survey (BRFSS), 2014
Ilinois Department of Public Health (IDPH). Health Statistics. County Level Prevalence Data. Illinois Behavioral Risk Factor Surveillance Survey (BRFSS) Data, Round 5 2014
Note: "Ever diagnosed" = "ever told by a doctor you have"

In Winnebago County, 7.1% of individuals have been diagnosed with COPD. In Boone County, it is 8.5% and in Illinois it is 5.8%.

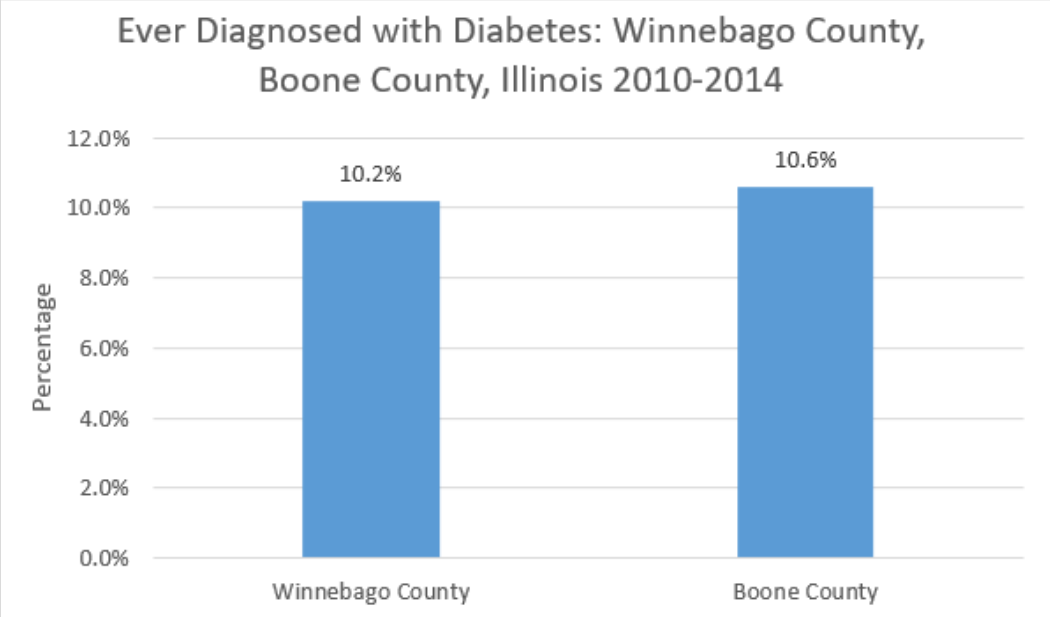
Chart 41



Sources: Illinois Department of Public Health (IDPH). Health Statistics. Illinois and Strata Area Prevalence Data. Illinois County Behavioral Risk Factor Survey (BRFSS), 2014
Ilinois Department of Public Health (IDPH). Health Statistics. County Level Prevalence Data. Illinois Behavioral Risk Factor Surveillance Survey (BRFSS) Data, Round 5 2014
Note: "Ever diagnosed" = "ever told by a doctor you have"

In Winnebago County, 10.2% of individuals have been diagnosed with diabetes. In Boone County, it is 10.6%.

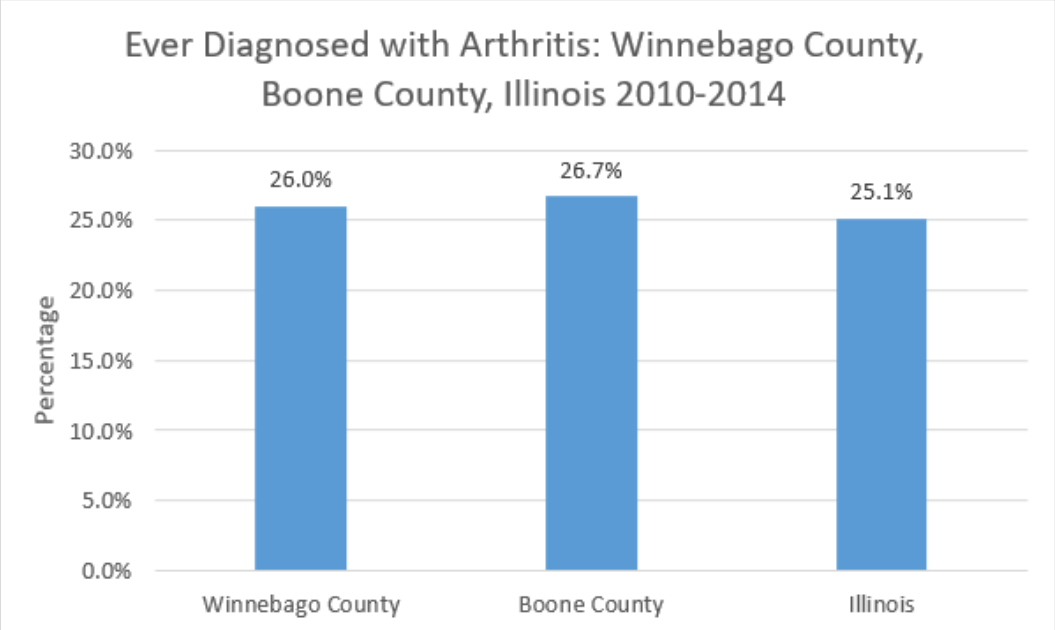
Chart 42



Sources: Illinois Department of Public Health (IDPH). Health Statistics. Illinois and Strata Area Prevalence Data. Illinois County Behavioral Risk Factor Survey (BRFSS), 2014
Ilinois Department of Public Health (IDPH). Health Statistics. County Level Prevalence Data. Illinois Behavioral Risk Factor Surveillance Survey (BRFSS) Data, Round 5 2014
Note: "Ever diagnosed" = "ever told by a doctor you have"

In Winnebago County, 26.0% of individuals have been diagnosed with arthritis. In Boone County, it is 26.7% and in Illinois it is 25.1%.

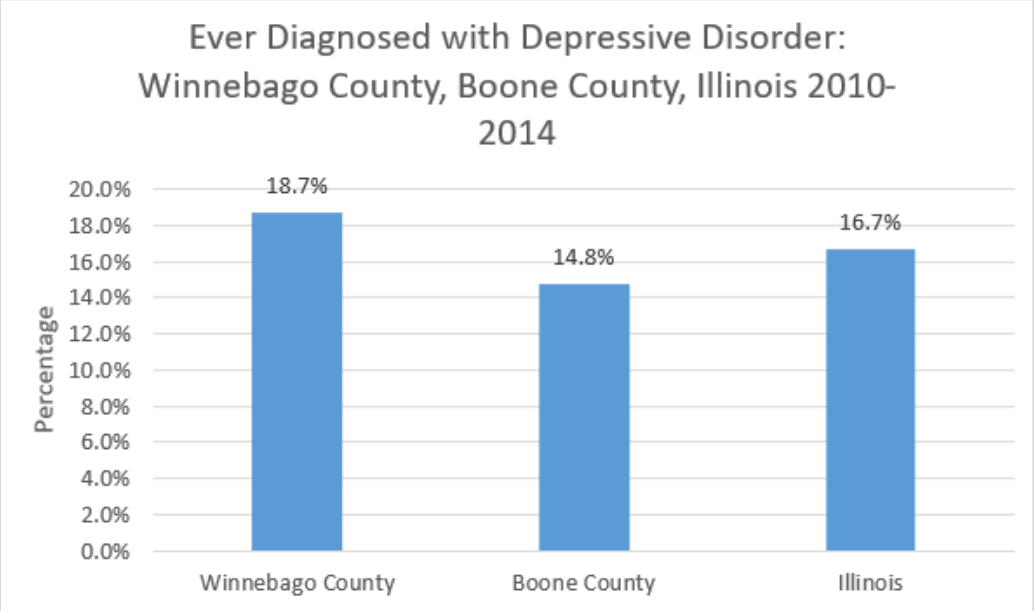
Chart 43



Sources: Illinois Department of Public Health (IDPH). Health Statistics. Illinois and Strata Area Prevalence Data. Illinois County Behavioral Risk Factor Survey (BRFSS), 2014
llinois Department of Public Health (IDPH). Health Statistics. County Level Prevalence Data. Illinois Behavioral Risk Factor Surveillance Survey (BRFSS) Data, Round 5 2014
Note: "Ever diagnosed" = "ever told by a doctor you have"

In Winnebago County, 18.7% of individuals have been diagnosed with Depression. In Boone County, it is 14.8% and in Illinois it is 16.7%.

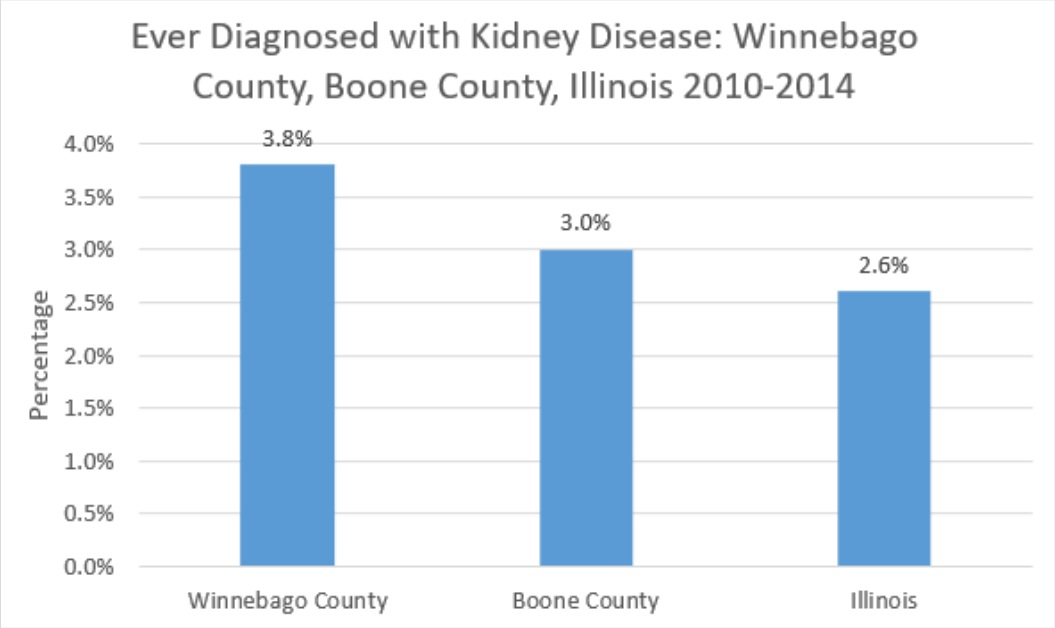
Chart 44



Sources: Illinois Department of Public Health (IDPH). Health Statistics. Illinois and Strata Area Prevalence Data. Illinois County Behavioral Risk Factor Survey (BRFSS), 2014
Ilinois Department of Public Health (IDPH). Health Statistics. County Level Prevalence Data. Illinois Behavioral Risk Factor Surveillance Survey (BRFSS) Data, Round 5 2014
Note: "Ever diagnosed" = "ever told by a doctor you have"

In Winnebago County, 3.8% of individuals have been diagnosed with Kidney Disease. In Boone County, it is 3.0% and in Illinois it is 2.6%.

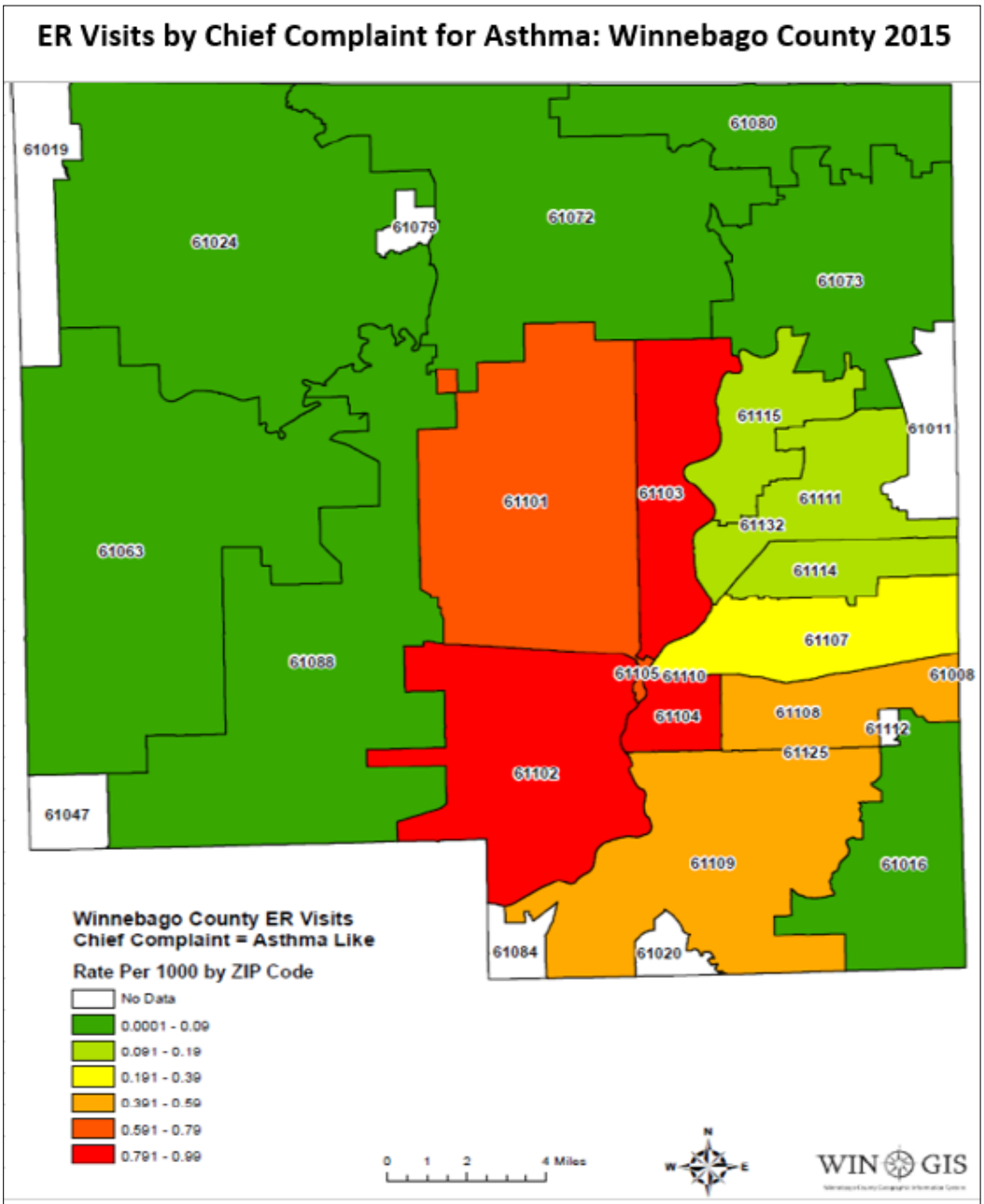
Chart 45



Sources: Illinois Department of Public Health (IDPH). Health Statistics. Illinois and Strata Area Prevalence Data. Illinois County Behavioral Risk Factor Survey (BRFSS), 2014
Ilinois Department of Public Health (IDPH). Health Statistics. County Level Prevalence Data. Illinois Behavioral Risk Factor Surveillance Survey (BRFSS) Data, Round 5 2014
Note: "Ever diagnosed" = "ever told by a doctor you have"

The highest instances of asthma are in Zip Codes 61101, 61102, 61103, and 61104. These zip codes are all located in Rockford.

Chart 46



Source: National Syndromic Surveillance Program. (2015). Essence. [https://essence.syndromicsurveillance.org/] via Winnebago County Health Department. (2016). Community Health Status Data Book.

The most common cancers are breast cancer, prostate cancer, lung cancer, colorectal cancer, and uterine cancer. In Winnebago County, there were 130.8 new cases of breast cancer per 100,000 women between 2012 and 2016. There were 95.4 new cases of prostate cancer per 100,000 individuals. There were 69.5 new cases of lung and bronchus cancer per 100,000. There were 38.5 new cases of colon and rectum cancer per 100,000 individuals. There were 30.6 new cases of corpus and uterine cancer per 100,000 individuals.

Table 93

Sites of New Cancer Cases [a]: Winnebago County, Boone County, Illinois, 2012-2016						
	Winnebago County		Boone County		Illinois	
	n	age adjusted rate [b]	n	age adjusted rate [b]	n	age adjusted rate [b]
Female Breast	1,186	130.8	178	114.4	50,495	131.9
Prostate	831	95.4	133	87.2	38,543	109.5
Lung and Bronchus	1,259	69.5	204	67.9	47,130	64.7
Colon and Rectum	674	38.5	115	39.9	31,268	43.1
Corpus and Uterus, Not Otherwise Specified	289	30.6	52	31.9	11,920	29.6
Urinary Bladder	379	21.5	66	22.3	15,379	21.2
Melanomas of the Skin	414	24.9	63	21.5	13,931	19.7
Non-Hodgkin Lymphoma	335	19.2	62	20.9	13,877	19.5
Kidney and Renal Pelvis	332	19.2	49	16.7	13,053	18.0
Thyroid	219	14.6	40	14.1	10,403	15.5

Source: U.S. Cancer Statistics Working Group. U.S. Cancer Statistics Data Visualizations Tool, based on November 2018 submission data (1999-2016): U.S. Department of Health and Human Services, Centers for Disease Control and Prevention and National Cancer Institute; www.cdc.gov/cancer/dataviz, June 2019.

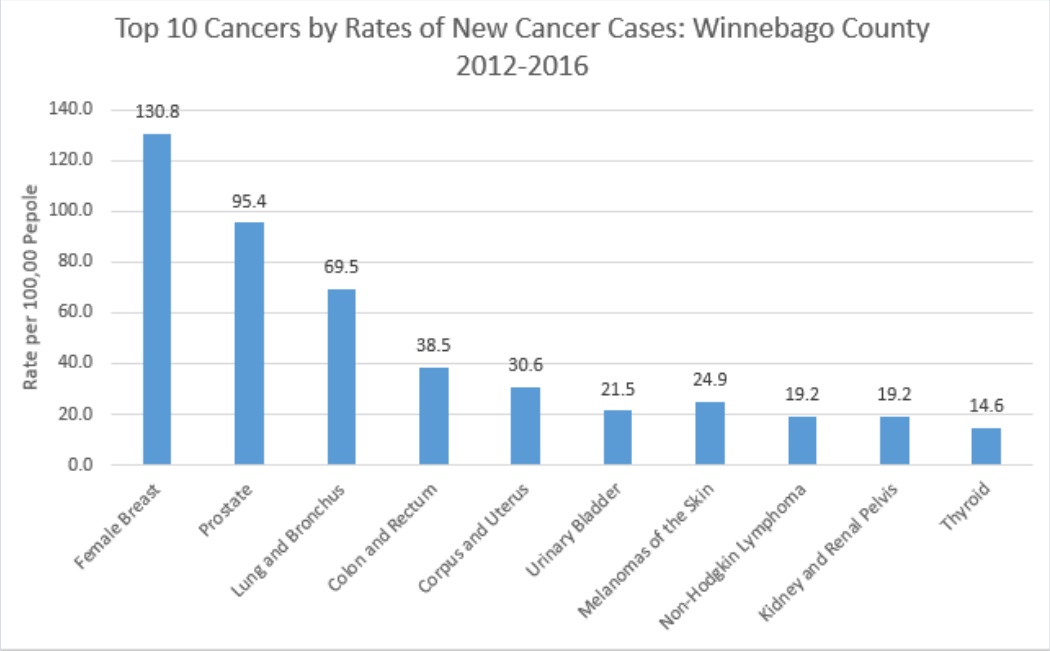
Notes: Incidence data are compiled from cancer registries meeting U.S. Cancer Statistics data quality criteria covering 100% of the U.S. population.

Invasive cancer excludes basal and squamous cell carcinomas of the skin except when these occur on the skin of the genital organs, and in situ cancers except urinary bladder. Urinary bladder cancer includes invasive and in situ.

[a] Cancers listed in this table were chosen as they were the top 10 sites for new cancers in Illinois 2012-2016. These cancers were not necessarily the top 10 sites for Boone and Winnebago Counties.

[b] Rates are the number of cases per 100,000 people and are age-adjusted to the 2000 U.S. standard population (19 age groups – Census P25–1130).

Chart 47



Source: U.S. Cancer Statistics Working Group. U.S. Cancer Statistics Data Visualizations Tool, based on November 2018 submission data (1999-2016): U.S. Department of Health and Human Services, Centers for Disease Control and Prevention and National Cancer Institute; www.cdc.gov/cancer/dataviz, June 2019.

The leading causes of death due to cancer are lung cancer, breast cancer, prostate cancer, colorectal cancer, and pancreatic cancer. In Winnebago County, there were 51.6 deaths due to lung and bronchus cancer per 100,000 individuals between 2012 and 2016. There were 25.6 deaths due to breast cancer per 100,000 women. There were 23.3 deaths due to prostate cancer per 100,000 individuals. There were 16.8 deaths due to colon and rectum cancer per 100,000 individuals. There were 11.1 deaths due to pancreatic cancer per 100,000 individuals.

Table 94

Causes of Cancer Deaths [a]: Winnebago County, Boone County, Illinois, 2012-2016						
	Winnebago County		Boone County		Illinois	
	n	age adjusted rate [b]	n	age adjusted rate [b]	n	age adjusted rate [b]
Lung and Bronchus	941	51.6	138	47.5	32,508	44.7
Female Breast	244	25.6	33	21.2	8,808	21.8
Prostate	175	23.3	20	18.7	5,834	20.2
Colon and Rectum	298	16.8	34	12.3	11,160	15.3
Pancreas	203	11.1	30	9.5	8,082	11.0
Ovary	87	9.1	17	10.1	2,933	7.2
Leukemias	121	6.8	19	7.1	4,869	6.8
Liver and Intrahepatic Bile Duct	112	6.2	[c]	[c]	4,705	6.3
Non-Hodgkin Lymphoma	106	6.0	25	8.9	4,073	5.7
Corpus and Uterus, Not Otherwise Specified	60	5.6	[c]	[c]	2,275	5.5

Source: U.S. Cancer Statistics Working Group. U.S. Cancer Statistics Data Visualizations Tool, based on November 2018 submission data (1999-2016): U.S. Department of Health and Human Services, Centers for Disease Control and Prevention and National Cancer Institute; www.cdc.gov/cancer/dataviz, June 2019.

Notes: Incidence data are compiled from cancer registries meeting U.S. Cancer Statistics data quality criteria covering 100% of the U.S. population.

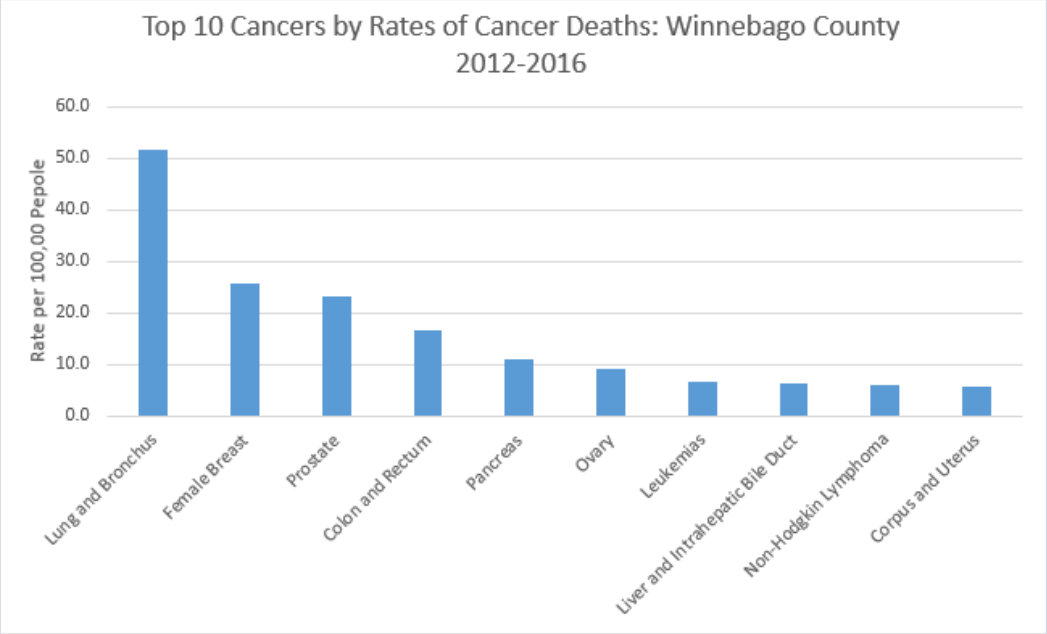
Invasive cancer excludes basal and squamous cell carcinomas of the skin except when these occur on the skin of the genital organs, and in situ cancers except urinary bladder. Urinary bladder cancer includes invasive and in situ.

[a] Cancers listed in this table were chosen as they were the top 10 causes for cancer deaths in Illinois 2012-2016. These cancers were not necessarily the top 10 causes for deaths in Boone and Winnebago Counties.

[b] Rates are the number of deaths per 100,000 people and are age-adjusted to the 2000 U.S. standard population (19 age groups – Census P25–1130).

[c] Rates and counts are suppressed if fewer than 16 cases (or deaths) were reported in a specific category, such as cancer type, race, ethnicity, age, and state.

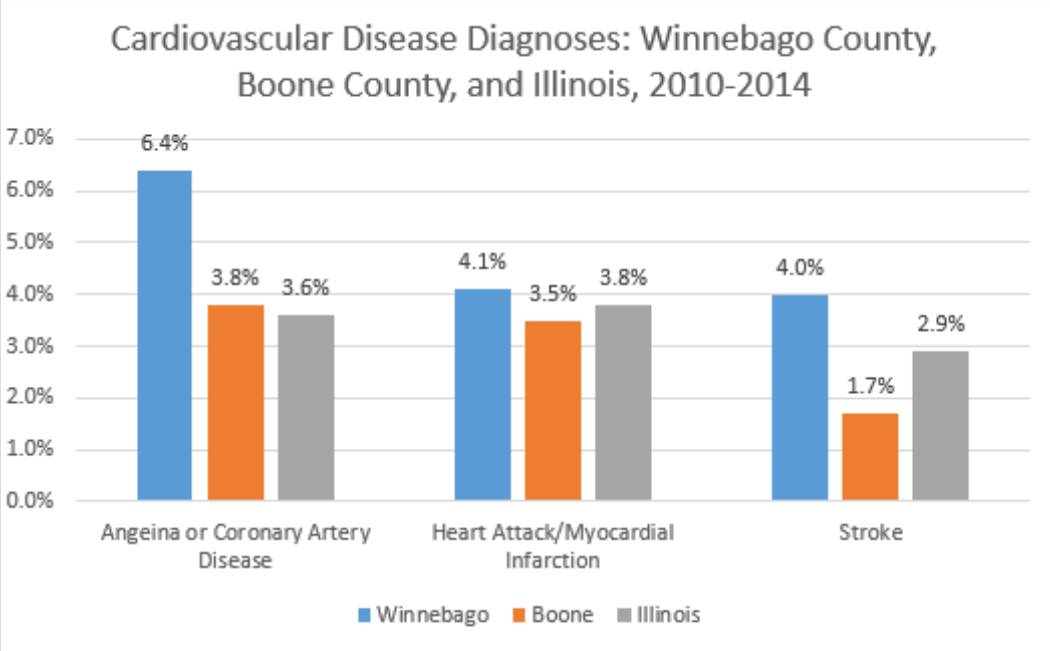
Chart 48



Source: U.S. Cancer Statistics Working Group. U.S. Cancer Statistics Data Visualizations Tool, based on November 2018 submission data (1999-2016): U.S. Department of Health and Human Services, Centers for Disease Control and Prevention and National Cancer Institute; www.cdc.gov/cancer/dataviz, June 2019.

In Winnebago County, 6.4% of individuals were diagnosed with Coronary Artery Disease over a 5-year period. 3.8% were diagnosed in Boone County and 3.6% were diagnosed in Illinois. In Winnebago County, 4.1% of individuals had a heart attack over a five year period. 3.5% in Boone County and 3.8% in Illinois had a heart attack. In Winnebago County 4.0% of individuals had a stroke over a five year period. 1.7% in Boone County and 2.9% in Illinois had a stroke.

Chart 49

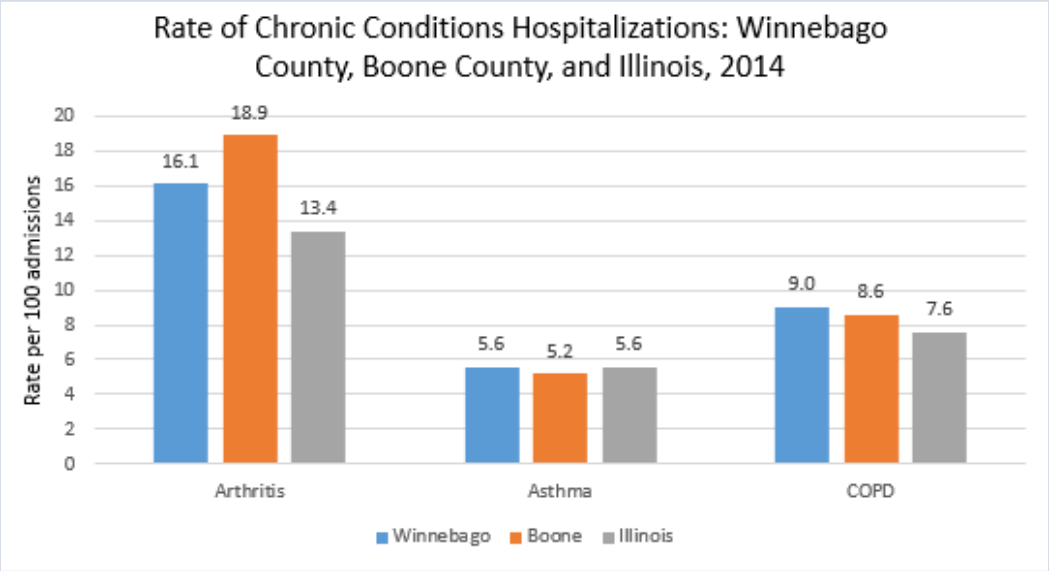


Sources: Illinois Department of Public Health (IDPH). Health Statistics. Illinois and Strata Area Prevalence Data. Illinois County Behavioral Risk Factor Survey (BRFSS), 2014
Ilinois Department of Public Health (IDPH). Health Statistics. County Level Prevalence Data. Illinois Behavioral Risk Factor Surveillance Survey (BRFSS) Data, Round 5 2014
http://app.idph.state.il.us/brfss/countydata.asp?selTopicCounty=cvd&areaCounty=Winn_102&show=freq&yrCounty=5&form=county&yr=&area=&selTopic=

Individuals over 65 years old, white individuals, and individuals whose income is less than $50,000 dollars per year are all at increased risk of cardiovascular disease (See Supplemental Tables for detail). Individuals over 65 years old, Blacks, and men are more likely to die from cardiovascular disease. Men and Blacks are also more likely to be hospitalized among individuals 65 years and older. The majority of hospitalized individuals were discharged to home, followed by being discharged to an acute care facility.

In Winnebago County for every 100 hospitalizations due to any chronic disease, 16.1 were due to Arthritis, 5.6 were due to Asthma, and 9.0 were due to Chronic Obstructive Pulmonary Disease (COPD), 9.9. In Boone County for every 100 hospitalizations due to any chronic disease, 18.9 were due to Arthritis, 5.2 were due to Asthma, and 8.6 were due to COPD. In Illinois for every 100 hospitalizations due to any chronic disease, 13.4 were due to Arthritis, 5.6 were due to Asthma, and 7.6 were due to COPD.

Chart 50



Source: Illinois Department of Public Health. (2014.) IDPH Discharge Data via Iquery, Chronic Disease Hospitalizations, IP Chronic Diseases-Arthritis IP Chronic Diseases-Asthma IP Chronic Diseases-COPD IP Chronic Diseases-Cancer IP Chronic Diseases-Diabetes, Boone, Winnebago, 2010-2014. [https://iquery.illinois.gov/dataquery/Default.aspx]
Rate = inpatient casese with chronic arthritis x 100 / inpatient chronic diseases- all.

Arthritis hospitalizations were most common among whites, women, and individuals aged 55-74 (See Supplemental Tables for detail). Asthma hospitalizations were most common among blacks, females, and children aged 1-5. COPD hospitalizations was most common among whites, women, and individuals aged 75 years and older.

In Winnebago County and Boone County, 10% of the population had diabetes in 2019. In Illinois, 9% had diabetes.

Table 95

Diabetes Prevalance [a]: Winnebago County, Boone County, Illinois, and U.S., 2016-2019			
Year	**Winnebago County**	**Boone County**	**Illinois**
2016	11%	10%	10%
2017	12%	9%	9%
2018	11%	10%	9%
2019	10%	10%	9%
Source: University of Wisconsin Population Health Institute, County Health Rankings, 2019			
Winnebago: [https://www.countyhealthrankings.org/app/illinois/2019/rankings/winnebago/county/outcomes/overall/snapshot]			
Boone: [https://www.countyhealthrankings.org/app/illinois/2019/rankings/boone/county/outcomes/overall/snapshot]			
Note: The model used to create these estimates includes a state-level factor that limits comparability between neighboring counties of adjacent states.			
[a] Percentage of adults aged 20 and above with diagnosed diabetes. The 2019 County Health Rankings used data from 2015 for this measure. The numerator is the number of adults 20 years and older who responded "yes" to the question, "Has a doctor ever told you that you have diabetes?" Women who indicated that they only had diabetes during pregnancy were not considered to have diabetes. The denominator is the total number of respondents (age 20 and older) in a county.			

In 2016, 33.3% of adults were obese. This represents an overall increasing trend since 2010. In 2016, 33.1% of adults were obese in Boone County.

Table 96

Age-Adjusted Percentage of Adult Obesity[a], 3-Year Estimates[b]: Winnebago County, Boone County, Illinois, and U.S., 2010-2016		
Year	**Winnebago**	**Boone**
2010	28.9%	30.1%
2011*	28.8%	30.0%
2012*	30.9%	33.6%
2013*	33.4%	33.1%
2014*	33.8%	31.7%
2015*	34.3%	30.7%
2016*	33.3%	33.1%

Source: Centers for Disease Control and Prevention. Division of Diabetes Translation. US Diabetes Surveillance System. Available at [https://www.cdc.gov/diabetes/data]- CDC's Behavioral Risk Factor Surveillance System, U.S. Census Bureau's Population Estimates Program

*Note: From 2011 onwards, BRFSS methodology changed to include cell phone users in addition to those with land lines. Compare data from prior years with caution.

[a]A condition in which there is a greater than normal amount of fat in the body; more severe than overweight; having a body mass index of 30/more (derived from self report of height and weight on BRFSS). Among individuals ≥ 20 years.

[b]Three years of data were used for year-specific county estimates. County estimates are based on indirect model-dependent estimates using Bayesian multilevel modeling techniques.

The death rate per 100,000 due to stroke over a three year period was 38.9 in Winnebago County, 39.6 in Boone County, 37.8 in Illinois, and was 37.2 in the United States. Men, Blacks, and individuals over 65 had a higher death rate.

Table 97

Unsmoothed[a], Age-Adjusted[b] All Stroke Death Rates per 100,000 Population, 3-Year Estimate: Winnebago County, Boone County, Illinois, and U.S., 2014-2016				
Characteristics	**Winnebago**	**Boone**	**Illinois**	**U.S.**
All Stroke - Death Rate per 100,000	**38.9**	**39.6**	**37.8**	**37.2**
Gender				
Men	40.3	43.8	38.6	37.4
Women	37.1	33.9	36.6	36.3
Age				
35+	75.2	77.5	73.5	72.2
45-64	18.7	*	18.2	19.1
65+	268.7	263.5	260.6	252.5
Under 75	10.4	11.2	10.6	10.9
Race/Ethnicity				
Black (Non-Hispanic)	61.9	*	55.4	51.9
White (Non-Hispanic)	36.5	38.3	36.1	36.0
Hispanic	*	*	28.8	31.7
American Indian and Alaskan Native	*	*	*	31.6
Asian and Pacific Islander	*	*	28.5	30.2

Source: CDC Interactive Atlas of Heart Disease and Stroke, 2014-2016 - Deaths National Vital Statistics System. Bridged-Race Postcensal Population Estimates from National Center for Health Statistics. Hospitalizations and hospitalization discharge status. Centers for Medicare and Medicaid Services Medicare Provider Analysis and Review (MEDPAR) file, Part A. [https://www.cdc.gov/dhdsp/maps/atlas/index.htm]

*Note: Asterisks denote fields that could not be calculated due to insufficient data.

[a]Unsmoothed data involve the population of the respective county only and do not include the population of adjacent neighboring counties. Unsmoothed rate calculation criteria: demographic filters (age, race, gender) need to have either at least 100 population years within the county or 20 events having occurred within the county over a 3-year period.

[b]Rates are age-adjusted to the 2000 projected U.S. population .

The cancer rate in Winnebago County was 475.9 per 100,000 over a four year period. The rate is higher in males, individuals over 50 with the rate increasing with age, and among Black individuals. Although there are slight fluctuations overall the trend is stable across all categories.

Table 98

All Cancer Site, Age-Adjusted Incidence Rates[a] per 100,000 Population by Demographic Characteristics: Winnebago County, 2012-2016			
Characteristics	**Age-Adjusted Incidence Rate[a]**	**Recent 5-Year Trend in Incidence Rates[b]**	**Recent Trend**
All Cancer Sites	**475.9**	**-0.5**	**stable →**
Sex			
Male	499	-2.3	stable →
Female	464.8	1.2	stable →
Age			
<50	116.6	2.2	stable →
50+	1,422.30	-1	stable →
<65	243.7	0.7	stable →
65+	2,081.00	-1.3	stable →
Race/Ethnicity[c]			
White (includes Hispanic)	479	0.3	stable →
Black (includes Hispanic)	508.3	-6	stable →

Source: NIH State Cancer Profiles [https://statecancerprofiles.cancer.gov/incidencerates/index.php?stateFIPS=17&areatype=county&cancer=001&race=00&sex=0&age=001&type=incd#results] - CDC's National Program of Cancer Registries Cancer Surveillance System (NPCR-CSS) November 2018 data submission and SEER November 2018 submission as published in United States Cancer Statistics. State Cancer Registry and the CDC's National Program of Cancer Registries Cancer Surveillance System (NPCR-CSS) November 2018 data submission.

Note: Asterisks denote data that is suppressed for fields with < 16 counts. If an average count of 3 is shown, the total number of cases for the time period is ≥ 16 which exceeds suppression threshold (but is rounded to 3). Rates are for invasive cancer only (except for bladder cancer which is invasive and in situ) or unless otherwise specified. Rates calculated using SEER*Stat. Population counts for denominators are based on Census populations as modified by NCI. The 1969-2016 US Population Data File is used for SEER and NPCR incidence rates.

[a]Annual rate (or average annual rate) for the respective time period. Rates are age-adjusted by 5-year age groups to the 2000 U.S. standard

[b]Change in rate over time.

[c]Hispanic, White-Hispanic, White-Non-Hispanic, American Indian/Alaska Native, and Asian/Pacific Islander data are not available for 1-year state, nor 5-year state, nor 5-year county data in Illinois.

SUPPLEMENTAL TABLES FOR SECTION 10

- Diagnosed and Currently Living with Asthma: Winnebago, Boone and IL, 2010-2014
- COPD Diagnosis: Winnebago, Boone and IL, 2010-2014
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- Risk Factors for Heart Disease and Stroke: Winnebago, Boone and IL, 2014-2016

Winnebago County
Health Department

IPLAN2023

Community Health Status Assessment Data Book

SUPPLEMENTAL TABLES

The Community Health Status Assessment was completed in cooperation with the University of Illinois College of Medicine Rockford – Division of Health Policy and Social Science Research.

Community Health
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IPLAN2023 Community Health Status Assessment

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Section 1: Demographics

Geographic Mobility[a] Among Those ≥ 1 Year, 5-Year Estimate: Winnebago County and Boone County, 2013-2017				
Location	**Same County**	**Different County, Same State**	**Different State**	**From Abroad**
Winnebago County	9.9%	2.6%	1.5%	0.4%
Boone County	5.1%	4.9%	1.3%	0.3%

Source: U.S. Census Bureau, 2013-2017 American Community Survey 5-Year Estimates

Table: S0701 - Geographic Mobility by Selected Characteristics in the United States [https://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=ACS_17_5YR_S0701&prodType=table]. Date Accessed: [02/18/2020].

[a]The movement of people from one location to another.

Population and Population Density[a] by Township and Place: Winnebago County, 2010		
	Population	Population Density[a]
Winnebago County	**295,266**	**575.2**
Township		
Rockford	178,527	1,609.0
Harlem	40,158	1,224.6
Cherry Valley	19,831	653.5
Roscoe	19,694	641.8
Rockton	16,441	453.9
Winnebago	5,291	160.1
Pecatonica	4,355	124.0
Owen	3,803	107.7
Durand	2,394	80.8
Shirland	988	51.5
Laona	1,250	46.1
Burritt	947	29.1
Harrison	670	27.2
Seward	917	25.6
Place		
Rockford city	152,871	2,502.7
Machesney Park village	23,499	1,853.5
Pecatonica village	2,195	1,712.8
Winnebago village	3,101	1,592.3
Durand village	1,443	1,541.4
Loves Park city (part)	22,410	1,452.6
Rockton village	7,685	1,397.6
South Beloit city	7,892	1,337.4
Roscoe village	10,785	1,041.0
Lake Summerset CDP (part)	1,056	929.8
New Milford village	697	481.0
Cherry Valley village (part)	2,815	365.3

Source: U.S. Census Bureau, 2010 Census
Table: GCT-PH1 - Population, Housing Units, Area, and Density: 2010 - County -- County Subdivision and Place [https://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=DEC_10_SF1_GCTPH1.CY10&prodType=table]. Date Accessed: [02/18/2020].

[a]Population Density: Population per square mile.

Distribution of Total Population by Demographic Characteristics, 5-Year Estimate: Winnebago County, 2013-2017		
Characteristics	Overall (n=287,512)	
	n	%
Overall	287,512	100%
Sex		
Male	140,454	48.9%
Female	147,058	51.1%
Ratio (Males/100 Females)	95.5	
Age Range		
< 5	18,007	6.3%
5-9	18,829	6.5%
10-14	19,435	6.8%
15-19	18,528	6.4%
20-24	17,879	6.2%
25-34	35,598	12.4%
35-44	34,750	12.1%
45-54	39,336	13.7%
55-59	19,932	6.9%
60-64	18,802	6.5%
65-74	26,374	9.2%
75-84	13,456	4.7%
≥85	6,586	2.3%
Median age	39.6	
Race		
White	226,817	78.9%
Black or African American	36,256	12.6%
American Indian and Alaska Native	847	0.3%
Asian	7,305	2.5%
Native Hawaiian and Other Pacific Islander	82	0.0%
Other	7,468	2.6%
Two/more races	8,737	3.0%
Ethnicity (any race)		
Hispanic/Latino	35,035	12.2%
Not Hispanic/Latino	252,477	87.8%

Source: U.S. Census Bureau, 2013-2017 American Community Survey 5-Year Estimates

Table: DP05 - ACS Demographic and Housing Estimates [https://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=ACS_17_5YR_DP05&prodType=table]. Date Accessed: [02/18/2020].

Annual Demographic Distribution of Total Population,1-Year Estimate: Winnebago County, 2013-2017												
	Sex		Age	Race							Ethnicity (any race)	
Year	Male	Female	Median Age	White	Black or African American	American Indian and Alaska Native	Asian	Native Hawaiian and Other Pacific Islander	Other	Two/more races	Hispanic/ Latino	Not Hispanic/Latino
2013	49.0%	51.0%	39.5	78.4%	12.0%	0.1%	2.5%	0.0%	3.6%	3.4%	11.7%	88.3%
2014	48.8%	51.2%	39.6	79.2%	12.6%	0.3%	2.4%	0.2%	2.7%	2.7%	12.0%	88.0%
2015	48.8%	51.2%	39.7	78.5%	12.8%	0.4%	2.5%	0.0%	2.9%	3.0%	12.3%	87.7%
2016	48.9%	51.1%	39.8	79.2%	12.6%	0.1%	2.5%	0.0%	1.9%	3.6%	12.5%	87.5%
2017	48.7%	51.3%	40.0	79.2%	12.9%	0.3%	2.6%	0.0%	1.8%	3.2%	12.8%	87.2%

Source: U.S. Census Bureau, 2013-2017 American Community Survey 1-Year Estimates

Table: DP05 - ACS Demographic and Housing Estimates [https://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=ACS_17_1YR_DP05&prodType=table]. Date Accessed: [02/18/2020].

Note: 1-year estimates are not available for Boone County

Unemployment Rate[a] Among Demographic Subgroups of the Population ≥16 Years, 5-Year Estimate: Winnebago County, Illinois, and U.S., 2013-2017			
Demographic Subgroup	Unemployment Rate[a]		
	Winnebago County	Illinois	U.S.
Population ≥16 years	10.0%	7.4%	6.6%
Sex (among population 20-64 years)			
Male	9.5%	7.1%	6.2%
Female	9.2%	6.6%	6.0%
Age Range			
16-19	29.2%	23.6%	20.7%
20-24	14.3%	13.0%	11.6%
25-29	14.0%	8.0%	7.5%
30-34	12.2%	6.6%	6.2%
35-44	9.1%	6.0%	5.2%
45-54	6.3%	5.5%	4.8%
55-59	6.3%	5.5%	4.6%
60-64	5.4%	4.9%	4.2%
65-74	4.2%	4.1%	3.9%
≥75	6.8%	4.1%	3.8%
Race			
White	7.8%	5.7%	5.5%
Black or African American	23.9%	17.2%	11.9%
American Indian and Alaska Native	14.5%	9.8%	12.3%
Asian	7.5%	5.4%	5.1%
Native Hawaiian and Other Pacific Islander	0.0%	8.4%	9.0%
Other	10.4%	8.2%	8.1%
Two/more races	22.6%	10.8%	9.8%
Ethnicity			
Hispanic/Latino (of any race)	10.2%	8.0%	7.6%
White alone, Not Hispanic/Latino	7.6%	5.4%	5.2%
Poverty Status in the Past 12 Months			
Below poverty level	35.8%	28.5%	24.0%
At or above the poverty level	6.2%	4.9%	4.4%
Disability Status			
With any disability	23.8%	15.6%	13.7%
Educational Attainment (among those 25-64 years)			
Population 25-64 years	8.7%	6.1%	5.4%
Less than HS graduate	16.6%	11.3%	10.0%
HS graduate/GED	11.4%	8.7%	7.1%
Some college/Associate's degree	8.3%	6.4%	5.5%
Bachelor's degree/higher	3.4%	3.3%	3.1%

Source: U.S. Census Bureau, 2013-2017 American Community Survey 5-Year Estimates

Table: S2301 - Employment Status [https://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=ACS_17_5YR_S2301&prodType=table]. Date Accessed: [02/18/2020].

[a]Unemployment Rate: The number of unemployed people as a percentage of the civilian labor force within each demographic subgroup.

'-' : Denotes an entry where there were either no sample observations or too few sample observations to compute an estimate.

Occupations and Industry Among the Civilian Employed Population ≥16 Years, 5-Year Estimate: Winnebago County, Boone County, Illinois, and U.S., 2013-2017						
Field	Winnebago County		Boone County		Illinois	U.S.
	n	%	n	%	%	%
Civilian employed population ≥ 16 years	132,190	100%	25,060	100%	100%	100%
Occupation						
Management, business, science, and arts occupations	40,734	30.8%	7,264	29.0%	37.6%	37.4%
Service Occupations	23,506	17.8%	3,891	15.5%	17.3%	18.0%
Sales and office occupations	31,635	23.9%	5,788	23.1%	24.0%	23.5%
Natural resources, construction, and maintenance occupations	9,476	7.2%	2,898	11.6%	7.2%	8.9%
Production, transportation, and material moving occupations	26,839	20.3%	5,219	20.8%	14.0%	12.2%
Industry						
Agriculture, forestry, fishing and hunting, and mining	931	0.7%	621	2.5%	1.1%	1.9%
Construction	6,726	5.1%	1,786	7.1%	5.2%	6.4%
Manufacturing	30,104	22.8%	5,542	22.1%	12.3%	10.3%
Wholesale trade	3,420	2.6%	592	2.4%	3.1%	2.7%
Retail trade	14,558	11.0%	3,138	12.5%	10.8%	11.4%
Transportation and warehousing, and utilities	6,856	5.2%	1,675	6.7%	6.1%	5.1%
Information	1,946	1.5%	328	1.3%	1.9%	2.1%
Finance and insurance, and real estate and rental and leasing	5,865	4.4%	1,179	4.7%	7.3%	6.6%
Professional, scientific, and management, and administrative and waste management services	11,476	8.7%	2,102	8.4%	11.7%	11.3%
Educational services, and health care and social assistance	28,637	21.7%	4,457	17.8%	22.9%	23.1%
Arts, entertainment, and recreation, and accommodation and food services	11,243	8.5%	1,931	7.7%	9.1%	9.7%
Other services, except public administration	6,670	5.0%	961	3.8%	4.7%	4.9%
Public administration	3,758	2.8%	748	3.0%	3.7%	4.7%

Source: U.S. Census Bureau, 2013-2017 American Community Survey 5-Year Estimates
Table: DP03 - Selected Economic Characteristics
[https://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=ACS_17_5YR_DP03&prodType=table]. Date Accessed: [02/18/2020].

Household Income[a], 5-Year Estimate: Winnebago County, Boone County, Illinois, and U.S., 2013-2017						
	Winnebago County		Boone County		Illinois	U.S.
Income	n	%	n	%	%	%
Total Households	114,491	100%	18,709	100%	100%	100%
<$10,000	8,759	7.7%	840	4.5%	6.9%	6.7%
$10,000 to $14,999	5,889	5.1%	639	3.4%	4.2%	4.9%
$15,000 to $24,999	12,287	10.7%	1,695	9.1%	9.3%	9.8%
$25,000 to $34,999	11,909	10.4%	1,615	8.6%	8.8%	9.5%
$35,000 to $49,999	16,928	14.8%	2,486	13.3%	12.3%	13.0%
$50,000 to $74,999	22,132	19.3%	3,985	21.3%	17.4%	17.7%
$75,000 to $99,999	14,577	12.7%	2,611	14.0%	12.7%	12.3%
$100,000 to $149,999	14,049	12.3%	2,815	15.0%	15.0%	14.1%
$150,000 to $199,999	4,582	4.0%	1,070	5.7%	6.5%	5.8%
≥$200,000	3,379	3.0%	953	5.1%	6.9%	6.3%
Median household income[b] (dollars)	51,110		62,701		61,229	57,652
Mean household income[c] (dollars)	67,175		81,217		85,262	81,283

Source: U.S. Census Bureau, 2013-2017 American Community Survey 5-Year Estimates

Table: DP03 - Selected Economic Characteristics [https://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=ACS_17_5YR_DP03&prodType=table]. Date Accessed: [02/18/2020].

[a]Household Income: The income of the householder and all other individuals ≥15 years in the household, whether they are related to the householder or not.

[b]Median household income: The amount which divides the income distribution into two equal groups, half having incomes above the median, half having incomes below the median.

[c]Mean household income: The amount obtained by dividing the total aggregate income of a group by the number of units in that group.

Percent of Uninsured Population Among Demographic Subgroups, 5-Year Estimate: Winnebago County, Illinois, and U.S., 2013-2017				
	Winnebago County		Illinois	U.S.
Characteristics	n	Row %[a]	Row %[a]	Row %[a]
Uninsured civilian noninstitutionalized population	20,418	7.2%	8.5%	10.5%
Sex				
Male	11,835	8.5%	9.8%	11.6%
Female	8,583	5.9%	7.3%	9.4%
Age Range				
<6 years	561	2.6%	2.5%	4.5%
6 to 18 years	1,711	3.4%	3.7%	6.2%
19 to 25 years	3,467	14.2%	15.0%	18.1%
26 to 34 years	4,005	12.7%	15.6%	19.2%
35 to 44 years	3,918	11.4%	13.5%	15.8%
45 to 54 years	3,624	9.3%	10.5%	12.6%
55 to 64 years	2,878	7.5%	8.0%	9.3%
65 to 74 years	91	0.3%	1.2%	1.1%
≥75 years	163	0.9%	0.7%	0.6%
Race				
White	13,773	6.1%	6.9%	9.4%
Black or African American	3,178	8.9%	10.6%	12.3%
American Indian and Alaska Native	162	20.0%	13.3%	21.6%
Asian	761	10.4%	8.7%	9.2%
Native Hawaiian and Other Pacific Islander	0	0.0%	16.2%	12.0%
Other	1,654	22.2%	23.2%	23.6%
Two/more races	890	10.4%	6.9%	9.2%
Ethnicity				
Hispanic/Latino	5,112	14.6%	19.0%	21.2%
Not Hispanic/Latino	10,713	5.4%	5.2%	7.1%
Disability Status				
With a disability	2,093	5.2%	5.3%	6.7%
No disability	18,325	7.5%	8.9%	11.0%
Educational Attainment (among those ≥26 years)				
Civilian noninstitutionalized population ≥26 years	14,679	7.8%	9.5%	11.2%
Less than HS graduate	4,115	17.7%	22.9%	24.4%
HS graduate/GED	4,963	8.2%	12.2%	14.0%
Some college/Associate's degree	3,840	6.2%	8.3%	10.1%
Bachelor's degree/higher	1,761	4.1%	4.1%	4.5%
Employment Status (among those 19 to 64 years)				
Civilian noninstitutionalized population 19-64 years	17,892	10.7%	12.3%	14.8%
In labor force	13,456	10.0%	11.7%	14.2%
Employed	10,520	8.7%	10.4%	12.9%
Unemployed	2,936	22.9%	28.5%	33.9%
Not in labor force	4,436	13.1%	14.9%	16.7%
Household Income (among total household population)				
Total household population	20,336	7.2%	8.5%	10.5%
<$25,000	5,973	12.0%	13.8%	16.7%
$25,000 to $49,999	6,750	10.4%	13.5%	15.6%
$50,000 to $74,999	4,124	7.1%	9.8%	11.6%
$75,000 to $99,999	1,783	4.3%	6.7%	8.1%
≥$100,000	1,706	2.5%	3.7%	4.6%

Source: U.S. Census Bureau, 2013-2017 American Community Survey 5-Year Estimates

Table: S2701 - Selected Characteristics of Health Insurance Coverage in the United States [https://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=ACS_17_5YR_S2701&prodType=table]. Date Accessed: [02/18/2020].

[a]The proportion of each respective demographic subgroup that is uninsured. Percentages for each respective location will not add up to 100%.

Percent of Population Below Poverty Level Among Demographic Subgroups of the Population for Whom Poverty Status is Determined, 5-Year Estimate: Winnebago County, Illinois, U.S., 2013-2017				
	Winnebago County		Illinois	U.S.
Characteristics	n	Row %[a]	Row %[a]	Row %[a]
Population below poverty level	43,159	15.3%	13.5%	14.6%
Sex				
Male	18,912	13.7%	12.3%	13.3%
Female	24,247	16.8%	14.8%	15.8%
Age Range				
Under 18 years	15,582	23.4%	18.8%	20.3%
Under 5 years	5,421	30.7%	20.8%	22.5%
5 to 17 years	10,161	20.8%	18.1%	19.5%
Related children of householder under 18 years	15,115	22.9%	18.6%	20.0%
18 to 64 years	24,644	14.4%	12.6%	13.7%
18 to 34 years	12,006	20.3%	16.8%	18.1%
35 to 64 years	12,638	11.3%	10.3%	11.2%
60 years and over	4,752	7.5%	9.1%	9.7%
65 years and over	2,933	6.5%	8.8%	9.3%
Race				
White	24,567	11.0%	10.1%	12.0%
Black or African American	13,351	37.9%	28.6%	25.2%
American Indian and Alaska Native	291	36.0%	19.8%	26.8%
Asian	1,119	15.4%	11.4%	11.9%
Native Hawaiian and Other Pacific Islander	27	33.3%	12.3%	19.0%
Other	1,669	22.4%	19.7%	23.8%
Two/more races	2,135	25.4%	17.6%	18.4%
Ethnicity				
Hispanic/Latino	7,841	22.6%	18.3%	22.2%
Not Hispanic/Latino	19,313	9.7%	8.9%	10.3%
Educational Attainment (among those ≥25 years)				
Population 25 years and over	22,460	11.7%	10.6%	11.5%
Less than high school graduate	6,294	26.7%	23.4%	26.4%
High school graduate (includes equivalency)	7,847	12.8%	13.7%	14.1%
Some college, associate's degree	6,390	10.1%	10.0%	10.2%
Bachelor's degree or higher	1,929	4.4%	4.4%	4.5%
Employment Status (among those ≥16 years)				
Civilian labor force 16 years and over	15,406	10.5%	8.1%	8.6%
Employed	9,810	7.4%	6.2%	6.9%
Male	3,933	5.8%	5.0%	5.9%
Female	5,877	9.2%	7.5%	8.1%
Unemployed	5,596	38.0%	32.6%	32.6%
Male	2,453	31.9%	29.3%	29.6%
Female	3,143	44.7%	36.4%	36.0%

Source: U.S. Census Bureau, 2013-2017 American Community Survey 5-Year Estimates

Table: S1701 - Poverty Status in the Past 12 Months [https://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=ACS_17_5YR_S1701&prodType=table]. Data Accessed: [02/20/2020].

[a]The proportion of each respective demographic subgroup that is below the poverty level. Percentages for each respective location will not add up to 100%.

Percent Distribution of the Population by Educational Attainment Level and Gender, 5-Year Estimate: Winnebago County, Illinois, and U.S., 2013-2017									
	Total			Male			Female		
Level of Educational Attainment	Winnebago County	Illinois	U.S.	Winnebago County	Illinois	U.S.	Winnebago County	Illinois	U.S.
Population 18-24 years									
Less than HS graduate	16.6%	12.7%	13.4%	18.3%	14.6%	15.3%	15.0%	10.7%	11.4%
HS graduate/GED	35.7%	28.3%	30.5%	39.6%	30.9%	33.5%	31.7%	25.5%	27.2%
Some college/Associate's degree	39.5%	46.0%	45.7%	35.4%	43.2%	42.7%	43.6%	48.9%	48.9%
Bachelor's degree/higher	8.2%	13.0%	10.5%	6.7%	11.2%	8.5%	9.7%	14.9%	12.5%
Population ≥ 25 years									
Less than 9th grade	4.4%	5.2%	5.4%	4.8%	5.3%	5.6%	4.0%	5.0%	5.3%
9th-12th grade, no diploma	8.2%	6.3%	7.2%	8.8%	6.8%	7.8%	7.7%	5.8%	6.7%
HS graduate/GED	32.1%	26.3%	27.3%	32.6%	27.0%	28.1%	31.7%	25.7%	26.6%
Some college, no degree	24.0%	20.9%	20.8%	23.4%	20.8%	20.5%	24.7%	21.0%	21.0%
Associate's degree	8.8%	7.9%	8.3%	8.2%	7.1%	7.4%	9.5%	8.6%	9.1%
Bachelor's degree	14.1%	20.5%	19.1%	14.3%	20.3%	18.9%	14.0%	20.7%	19.4%
Graduate/professional degree	8.3%	13.0%	11.8%	8.0%	12.7%	11.7%	8.6%	13.2%	11.8%

Source: U.S. Census Bureau, 2013-2017 American Community Survey 5-Year Estimates

Table: S1501 - Educational Attainment [https://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=ACS_17_5YR_S1501&prodType=table]. Date Accessed: [02/20/2020].

Percent of Veterans by Select Characteristics, 5-Year Estimate: Winnebago County, Illinois, and U.S., 2013-2017			
Characteristics	**Winnebago County**	**Illinois**	**U.S.**
Civilian population 18 years and over	8.4%	6.2%	7.7%
Period of Service			
Gulf War (9/2001 or later) veterans	12.6%	13.1%	16.6%
Gulf War (8/1990 to 8/2001) veterans	14.0%	16.0%	19.5%
Vietnam era veterans	36.6%	36.1%	35.8%
Korean War veterans	10.0%	10.6%	9.5%
World War II veterans	6.6%	6.0%	5.0%
Sex			
Male	94.2%	93.2%	91.6%
Female	5.8%	6.8%	8.4%
Employment Status (Civilian Population 18-64)			
Unemployment Rate[a]	8.3%	6.7%	5.6%
Poverty Status in the Past 12 Months (Civilian population ≥18 years for whom poverty status is determined)			
Income Below Poverty Level	7.9%	7.1%	7.0%
Income Above Poverty Level	92.1%	92.9%	93.0%
Disability Status (Civilian population ≥18 years for whom poverty status is determined)			
With any disability	29.5%	27.6%	28.8%
Without a disability	70.5%	72.4%	71.2%

Source: U.S. Census Bureau, 2013-2017 American Community Survey 5-Year Estimates

Table: S2101 - Veteran Status [https://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=ACS_17_5YR_S2101&prodType=table]. Date Accessed: [02/20/2020].

[a]Unemployment Rate: The number of unemployed people as a percentage of the civilian labor force.

Percent[a] of Population with a Disability Among Demographic Subgroups, 5-Year Estimate: Winnebago County, Illinois, and U.S., 2013-2017			
Characteristics	**Winnebago County**	**Illinois**	**U.S.**
Total civilian noninstitutionalized population	14.1%	11.0%	12.6%
Sex			
Male	13.9%	10.7%	12.5%
Female	14.3%	11.2%	12.7%
Race/Ethnicity			
White	14.4%	11.2%	13.1%
Black or African American	16.0%	13.8%	14.0%
American Indian and Alaska Native	16.8%	15.1%	16.8%
Asian	6.1%	6.5%	7.0%
Native Hawaiian and Other Pacific Islander	0.0%	7.8%	10.6%
Other	7.6%	5.7%	8.2%
Two/more races	12.5%	8.9%	11.0%
Hispanic/Latino (of any race)	8.0%	6.5%	8.9%
White alone, Not Hispanic/Latino	15.2%	12.0%	13.9%
Age Range			
Under 5 years	0.8%	0.7%	0.8%
5 to 17 years	6.0%	4.3%	5.4%
18 to 34 years	6.7%	4.8%	6.1%
35 to 64 years	15.5%	10.8%	12.9%
65 to 74 years	26.6%	23.8%	25.4%
75 years and over	46.4%	48.5%	49.7%
Disability Type			
With a hearing difficulty	3.9%	3.0%	3.6%
With a vision difficulty	2.4%	2.0%	2.3%
With a cognitive difficulty	5.4%	4.0%	5.1%
With an ambulatory difficulty	7.7%	6.3%	7.0%
With a self-care difficulty	2.8%	2.4%	2.7%
With an independent living difficulty	6.5%	5.3%	5.8%

Source: U.S. Census Bureau, 2013-2017 American Community Survey 5-Year Estimates
Table: S1810 - Disability Characteristics
[https://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=ACS_17_5YR_S1810&prodType=table]. Date Accessed: [02/20/2020].

Note: '-' denotes an entry where there were either no sample observations or too few sample observations to compute an estimate.

[a]The proportion of each respective demographic subgroup with a disability. Percentages for each respective location will not add up to 100%.

Percentage of Homeless[a] Students By School Districts: Winnebago County and Illinois, 2015-2019					
Location	**2015**	**2016**	**2017**	**2018**	**2019**
Illinois	**2%**	**2%**	**2%**	**2%**	**2%**
Winnebago: School Districts					
County of Winnebago SD 320	0%	0%	0%	0%	0%
Durand CUSD 322	1%	0%	0%	1%	0%
Harlem UD 122	2%	2%	2%	2%	2%
Hononegah CHD 207	0%	0%	0%	0%	0%
Kinnikinnick CCSD 131	0%	0%	0%	0%	0%
Pecatonica CUSD 321	1%	0%	1%	1%	1%
Prairie Hill CCSD 133	0%	0%	0%	0%	0%
Rockford SD 205	7%	7%	7%	7%	6%
Rockton SD 140	1%	1%	0%	0%	0%
Shirland CCSD 134	0%	3%	3%	1%	0%
Winnebago CUSD 323	0%	1%	0%	0%	0%

Source: Illinois State Board of Education, School District Report Card [https://www.illinoisreportcard.com/SearchResult.aspx?type=COUNTY&SearchText=$WINNEBAGO$]. Date Accessed: [03/03/2020].

Note: Percentages have been rounded to the nearest whole percent, and may not precisely reflect distributions within the population.

[a]The percentage of students who do not have permanent/adequate homes.

Percentage of Students Enrolled as English Language Learners[a] By School Districts: Winnebago County and Illinois, 2015-2019					
Location	**2015**	**2016**	**2017**	**2018**	**2019**
Illinois	**10%**	**11%**	**11%**	**12%**	**12%**
Winnebago: School Districts					
County of Winnebago SD 320	5%	5%	5%	6%	6%
Durand CUSD 322	0%	0%	0%	0%	0%
Harlem UD 122	4%	4%	4%	5%	4%
Hononegah CHD 207	0%	0%	0%	0%	1%
Kinnikinnick CCSD 131	1%	1%	1%	1%	1%
Pecatonica CUSD 321	0%	0%	0%	1%	1%
Prairie Hill CCSD 133	1%	1%	1%	1%	1%
Rockford SD 205	13%	13%	14%	16%	17%
Rockton SD 140	1%	1%	1%	1%	1%
Shirland CCSD 134	0%	0%	0%	1%	1%
Winnebago CUSD 323	2%	2%	2%	2%	2%

Source: Illinois State Board of Education, School District Report Card [https://www.illinoisreportcard.com/SearchResult.aspx?type=COUNTY&SearchText=$WINNEBAGO$]. Date Accessed: [03/03/2020].

Note: Percentages have been rounded to the nearest whole percent, and may not precisely reflect distributions within the population.

[a]Students whose primary language is not English and who are eligible for bilingual education services.

Percentage of Students Belonging to Select Racial/Ethnic Groups by School District: Winnebago County and Illinois, 2015-2019					
Location	**2015**	**2016**	**2017**	**2018**	**2019**
Illinois					
White	49%	49%	49%	48%	48%
Black	18%	17%	17%	17%	17%
Hispanic	25%	26%	26%	26%	26%
Asian	5%	5%	5%	5%	5%
American Indian/Alaskan Native	0%	0%	0%	0%	0%
Hawaiian/Pacific Islander	0%	0%	0%	0%	0%
Two/More Races	3%	3%	3%	4%	4%
Winnebago: School Districts					
County of Winnebago SD 320					
White	62%	61%	62%	64%	63%
Black	5%	4%	4%	3%	3%
Hispanic	22%	30%	29%	26%	26%
Asian	1%	1%	1%	1%	1%
American Indian/Alaskan Native	0%	0%	0%	0%	0%
Hawaiian/Pacific Islander	0%	0%	0%	0%	0%
Two/More Races	11%	4%	5%	6%	7%
Durand CUSD 322					
White	94%	93%	91%	90%	92%
Black	1%	0%	1%	1%	0%
Hispanic	2%	3%	2%	3%	2%
Asian	0%	0%	0%	0%	0%
American Indian/Alaskan Native	0%	0%	1%	1%	1%
Hawaiian/Pacific Islander	-	-	-	-	-
Two/More Races	3%	4%	5%	6%	5%
Harlem UD 122					
White	78%	76%	74%	73%	72%
Black	5%	5%	5%	5%	5%
Hispanic	10%	12%	12%	13%	14%
Asian	2%	2%	2%	2%	2%
American Indian/Alaskan Native	0%	0%	1%	1%	1%
Hawaiian/Pacific Islander	0%	0%	0%	0%	0%
Two/More Races	5%	6%	6%	7%	7%
Hononegah CHD 207					
White	87%	87%	86%	86%	85%
Black	2%	2%	2%	2%	2%
Hispanic	6%	6%	7%	7%	7%
Asian	2%	2%	2%	2%	3%
American Indian/Alaskan Native	0%	0%	0%	0%	0%
Hawaiian/Pacific Islander	0%	0%	0%	0%	0%
Two/More Races	3%	3%	3%	3%	3%
Kinnikinnick CCSD 131					
White	85%	85%	84%	84%	83%
Black	2%	2%	2%	3%	3%
Hispanic	6%	6%	7%	7%	7%
Asian	3%	3%	2%	2%	2%
American Indian/Alaskan Native	1%	0%	0%	0%	0%
Hawaiian/Pacific Islander	0%	0%	0%	0%	0%
Two/More Races	4%	4%	5%	5%	5%

Percentage of Students Belonging to Select Racial/Ethnic Groups by School District: Winnebago County and Illinois, 2015-2019 (continued)

Pecatonica CUSD 321					
White	92%	91%	90%	90%	90%
Black	1%	1%	1%	1%	2%
Hispanic	4%	4%	5%	5%	5%
Asian	1%	1%	1%	1%	1%
American Indian/Alaskan Native	1%	1%	0%	0%	0%
Hawaiian/Pacific Islander	-	-	-	-	-
Two/More Races	2%	2%	3%	3%	3%
Prairie Hill CCSD 133					
White	89%	87%	87%	90%	89%
Black	1%	1%	1%	1%	1%
Hispanic	4%	4%	5%	3%	4%
Asian	4%	4%	3%	2%	2%
American Indian/Alaskan Native	0%	0%	0%	0%	0%
Hawaiian/Pacific Islander	0%	0%	0%	0%	0%
Two/More Races	1%	3%	3%	3%	3%
Rockford SD 205					
White	32%	32%	31%	30%	29%
Black	30%	31%	31%	31%	32%
Hispanic	27%	27%	27%	27%	28%
Asian	4%	4%	4%	4%	4%
American Indian/Alaskan Native	0%	0%	0%	0%	0%
Hawaiian/Pacific Islander	0%	0%	0%	0%	0%
Two/More Races	7%	7%	7%	7%	7%
Rockton SD 140					
White	87%	85%	85%	83%	83%
Black	2%	2%	2%	2%	1%
Hispanic	7%	8%	8%	8%	8%
Asian	2%	2%	2%	2%	1%
American Indian/Alaskan Native	0%	0%	0%	0%	0%
Hawaiian/Pacific Islander	0%	0%	0%	0%	0%
Two/More Races	3%	3%	4%	5%	6%
Shirland CCSD 134					
White	96%	94%	93%	94%	88%
Black	-	-	-	-	-
Hispanic	0%	1%	0%	2%	3%
Asian	1%	1%	0%	0%	0%
American Indian/Alaskan Native	0%	0%	1%	1%	5%
Hawaiian/Pacific Islander	-	-	-	-	-
Two/More Races	3%	4%	6%	3%	5%
Winnebago CUSD 323					
White	86%	86%	85%	84%	84%
Black	4%	4%	4%	4%	4%
Hispanic	6%	5%	5%	6%	6%
Asian	1%	1%	1%	1%	1%
American Indian/Alaskan Native	1%	1%	1%	1%	0%
Hawaiian/Pacific Islander	0%	0%	0%	0%	0%
Two/More Races	3%	4%	4%	5%	5%

Source: Illinois State Board of Education, School District Report Card [https://www.illinoisreportcard.com/SearchResult.aspx?type=COUNTY&SearchText=$WINNEBAGO$]. Date Accessed: [03/03/2020].

Note: Percentages have been rounded to the nearest whole percent, and may not precisely reflect distributions within the population.

Note: '-' denotes an entry where data wasn't available/wasn't listed.

High School Dropout Rate[a] of Select Student Demographic Groups by School District and School: Winnebago County and Illinois, 2019										
Location	Overall Rate	White	Black	Hispanic	Asian	American Indian/ Alaskan Native	Hawaiian/ Pacific Islander	Two/More Races	Low Income[b]	English Learners[c]
Illinois	**4.0%**	**3.0%**	**8.0%**	**5.0%**	**2.0%**	**7.0%**	**5.0%**	**4.0%**	**6.0%**	**2.0%**
School District										
County of Winnebago SD 320	**8.0%**	**7.0%**	**-**	**5.0%**	**-**	**-**	**-**	**29.0%**	**9.0%**	**-**
South Beloit Sr. High School	8.0%	7.0%	-	5.0%	-	-	-	29.0%	9.0%	-
Durand CUSD 322	**1.0%**	**1.0%**	**-**	**-**	**-**	**-**	**-**	**-**	**2.0%**	**-**
Durand High School	1.0%	1.0%	-	-	-	-	-	-	2.0%	-
Harlem UD 122	**5.0%**	**4.0%**	**6.0%**	**6.0%**	**4.0%**	**-**	**-**	**8.0%**	**6.0%**	**0.0%**
Harlem High School	6.0%	5.0%	8.0%	7.0%	3.0%	-	-	10.0%	7.0%	0.0%
Hononegah CHD 207	**2.0%**	**2.0%**	**5.0%**	**1.0%**	**0.0%**	**-**	**-**	**6.0%**	**4.0%**	**0.0%**
Hononegah CHD High School	2.0%	2.0%	5.0%	1.0%	0.0%	-	-	6.0%	4.0%	0.0%
Pecatonica CUSD 321	**2.0%**	**2.0%**	**-**	**13.0%**	**-**	**-**	**-**	**-**	**4.0%**	**-**
Pecatonica High School	2.0%	2.0%	-	13.0%	-	-	-	-	4.0%	-
Rockford SD 205	**8.0%**	**7.0%**	**11.0%**	**7.0%**	**4.0%**	**5.0%**	**-**	**11.0%**	**9.0%**	**4.0%**
Auburn High School	10.0%	7.0%	11.0%	10.0%	5.0%	-	-	11.0%	12.0%	9.0%
Guilford High School	7.0%	5.0%	9.0%	6.0%	4.0%	-	-	7.0%	8.0%	4.0%
Jefferson High School	9.0%	9.0%	14.0%	6.0%	4.0%	-	-	14.0%	10.0%	3.0%
Rockford East High School	8.0%	8.0%	10.0%	8.0%	5.0%	-	-	11.0%	9.0%	3.0%
Winnebago CUSD 323	**3.0%**	**3.0%**	**0.0%**	**7.0%**	**-**	**-**	**-**	**0.0%**	**-**	**-**
Winnebago High School	3.0%	3.0%	0.0%	7.0%	-	-	-	0.0%	-	-

Source: Illinois State Board of Education, School District Report Card [https://www.illinoisreportcard.com/SearchResult.aspx?type=COUNTY&SearchText=$WINNEBAGO$]. Date Accessed: [03/03/2020].

Note: '-' denotes an entry with fewer than 10 students that is suppressed to maintain confidentiality. Percentages have been rounded to the nearest whole percent, and may not precisely reflect distributions within the population.

[a]The percentage of students who are removed from the local enrollment roster before the end of a school term. Dropouts include students in grades 9-12 whose names have been removed for any reason, including moved not known to be continuing, transfer to GED-program, and aged out. The percentage does not include death, extended illness, graduation/completion of a program of studies, transfer to another public/private/home school, or expulsion.

[b]Students who receive/live in households that receive Supplemental Nutrition Assistance Program/Temporary Assistance to Needy Families benefits; are classified as homeless, migrant, runaway, Head Start, or foster children; or live in a household where the household income meets the U.S. Department of Agriculture income guidelines to receive free/reduced-price meals.

[c]Students eligible for bilingual education services. The percentage of english learner (EL) students is the count of EL students, divided by the student enrollment, multiplied by 100.

Section 2 – Health Resources

Health Care Coverage Prevalence Data: Winnebago County, Boone County, and Illinois, 2010-2014					
	Winnebago County		Boone County		Illinois
Characteristic	n	Column %	n	Column %	Column %
Have Health Care Coverage/Health Plan[a]					
Overall	219,755	100%	39,293	100%	100%
Yes	199,138	90.6%	34,443	87.7%	88.1%
No	20,617	9.4%	4,850	12.3%	11.9%
Have Usual Person As Health Care Provider[b]					
Overall	220,345	100%	39,509	100%	100%
Yes	176,310	80.0%	31,643	80.1%	80.9%
No	44,035	20.0%	7,866	19.9%	19.1%

Source: Illinois Department of Public Health (IDPH). Health Statistics. Illinois County Behavioral Risk Factor Surveys, Winnebago County and Boone County, Round 5 (2010-2014) Source: Illinois Department of Public Health (IDPH). Health Statistics. Illinois Behavioral Risk Factor Surveillance Survey (BRFSS) Data, 2014

Table: Winnebago - [http://www.idph.state.il.us/brfss/countydata.asp?selTopicCounty=hlthcareuse&areaCounty=Winn_102&show=freq&yrCounty=5&form=county&yr=&area=&selTopic]. Date Accessed: [03/17/2020].

Boone - [http://www.idph.state.il.us/brfss/countydata.asp?selTopicCounty=hlthcareuse&areaCounty=Boone_4&show=freq&yrCounty=5&form=county&yr=&area=&selTopic=]. Date Accessed: [03/17/2020].

Illinois - [http://www.idph.state.il.us/brfss/statedata.asp?selTopic=healthcareaccess&area=il&yr=2014&form=strata&show=freq]. Date Accessed: [03/17/2020].

Note: Survey conducted among adults ≥ 18 years. 'N' represents weighted/adjusted response counts to each question.

[a]Whether/not the respondent has any kind of health care coverage (health insurance/prepaid plans--like HMOs/government plans--like Medicare/Indian Health Service)

[b]Whether/not the respondent has one person they think of as their personal doctor/health care provider.

Prevalence Data of Individuals that do not have any Health Care Coverage/Health Plan[a] Among Demographic Subgroups: Winnebago County, Boone County, and Illinois, 2010-2015			
Characteristics	Winnebago County Row %[b]	Boone County Row %[b]	Illinois* Row %[b]
Overall	9.4%	12.3%	9.4%
Age			
18-24	*	*	12.5%
25-44	15.5%	18.1%	14.3%
45-64	8.4%	9.2%	7.1%
65+	*	*	2.7%
Race			
White	6.5%	9.3%	4.0%
Non-White[c]	18.2%	*	N/A
Black	N/A	N/A	9.4%
Other	N/A	N/A	4.8%
Gender			
Male	11.9%	11.9%	10.6%
Female	7.0%	12.8%	8.3%
Income Level			
< $15,000	*	*	22.8%
$15-35,000	13.5%	23.7%	17.4%
$35-50,000	*	*	8.9%
> $50,000	*	*	2.2%
Education Level			
< High School Graduate	*	*	30.8%
High School Graduate	16.9%	8.8%	10.4%
Some College	6.8%	*	6.1%
College Graduate	*	*	2.5%
Employment Status			
Employed	8.3%	13.0%	10.2%
Out of Work	*	*	19.1%
Homemaker/Student	*	*	10.8%
Retired/Unable to Work	*	*	4.0%
Ethnicity (Hispanic/Latino)			
Yes	*	*	34.3%
No	6.1%	9.2%	5.1%

Source: Illinois Department of Public Health (IDPH). Health Statistics. Illinois County Behavioral Risk Factor Surveys, Winnebago County and Boone County, Round 5 (2010-2014)
*Source: Illinois Department of Public Health (IDPH). Health Statistics. Illinois Behavioral Risk Factor Surveillance Survey (BRFSS) Data, 2015

Prevalence Data of Individuals that Could Not See a Doctor in the Past Year Due to Cost[a] Among Demographic Subgroups: Winnebago County, Boone County, and Illinois, 2010-2014			
Characteristics	Winnebago County Row %[b]	Boone County Row %[b]	Illinois Row %[b]
Overall	9.3%	7.9%	12.4%
Age			
18-24	*	*	12.0%
25-44	10.8%	5.0%	16.0%
45-64	10.5%	12.1%	12.6%
65+	6.0%	*	5.6%
Race			
White	6.7%	7.2%	11.7%
Non-White[c]	17.1%	*	14.8%
Gender			
Male	9.9%	5.4%	11.6%
Female	8.7%	10.3%	13.1%
Income Level			
< $15,000	*	*	27.6%
$15-35,000	11.4%	10.8%	17.6%
$35-50,000	9.2%	*	10.0%
> $50,000	5.2%	2.8%	5.7%
Education Level			
< High School Graduate	*	*	25.0%
High School Graduate	11.8%	6.8%	11.1%
Some College	13.1%	5.7%	9.9%[d]
College Graduate	4.1%	*	N/A
Employment Status			
Employed	9.8%	6.6%	12.2%
Out of Work	*	*	23.0%
Homemaker/Student	*	*	11.9%
Retired/Unable to Work	7.9%	7.3%	10.2%
Ethnicity (Hispanic/Latino)			
Yes	*	*	25.8%
No	6.5%	7.1%	10.1%

Source: Illinois Department of Public Health (IDPH). Health Statistics. Illinois County Behavioral Risk Factor Surveys, Winnebago County and Boone County, Round 5 (2010-2014)
Source: Illinois Department of Public Health (IDPH). Health Statistics. Illinois Behavioral Risk Factor Surveillance Survey (BRFSS) Data, 2014

Facility Utilization Characteristics by Hospital: Winnebago County and Boone County, 2018														
	Facility Utilization								Diagnostic/Interventional Examinations					
	Authorized		Inpatient	Observation	Average	Total ED	Surgeries		Ultrasounds		PET[c] scans		CAT[d] scans	
Hospital	CON[a] Beds	Admissions	Days	Days	Length of Stay	Visits[b]	Inpatient	Outpatient	Inpatient	Outpatient	Inpatient	Outpatient	Inpatient	Outpatient
Winnebago County														
Javon Bea - Rockton Avenue	288	12,702	65,546	6,262	5.7	56,962	2,827	6,020	3,276	8,563	0	0	8,398	15,189
OSF Saint Anthony Medical Center	241	11,666	50,612	3,962	4.7	39,365	3,442	4,887	3,798	13,320	0	921	10,816	21,610
SwedishAmerican	325	13,437	52,814	10,226	4.7	65,929	3,135	5,862	7,620	27,847	0	610	9,400	29,023
Boone County														
SwedishAmerican Medical Center - Belvidere	34	33	87	6	2.8	13,165	0	486	0	3,537	0	0	0	7,469

Source: Illinois Health Facilities and Services Review Board, 2018 Hospital Data Profiles [https://www2.illinois.gov/sites/hfsrb/InventoriesData/FacilityProfiles/Documents/2018%20Hospital%20Profiles.pdf]. Date Accessed: [03/18/2020].

[a]Certificate of Need (CON)

[b]Emergency and Trauma

[c]Positron Emission Tomography (PET)

[d]Computerized Axial Tomography (CAT)

30-Day Hospital Readmissions Among Medicare Fee-For-Service Beneficiaries: Winnebago County, Boone County, Illinois, and U.S., 2015		
Location	Medicare Part A and B Beneficiaries[a]	Rate of 30-Day Hospital Readmissions among Medicare Beneficiaries
Winnebago County	3,209	15.1
Boone County	538	14.5
Illinois	143,569	15.2
U.S.	2,885,032	14.9

Source: Dartmouth Atlas of Healthcare, 2015

Report: Center for Applied Research and Engagement Systems (CARES) Health Indicators Report [https://engagementnetwork.org/assessment/?REPORT=%7B%22indicator%22%3A%5B46%2C47%2C48%2C49%2C50%2C51%2C52%2C53%2C54%2C55%2C56%5D%2C%22name%22%3A%22Health%20Indicators%20Report%22%2C%22contentId%22%3A%22%23cdt-report-content%22%2C%22output%22%3A%7B%22countylist%22%3Atrue%2C%22statelist%22%3Atrue%2C%22map%22%3Atrue%2C%22breakout%22%3Atrue%7D%2C%22location%22%3A%7B%22key%22%3A%22county%22%2C%22type%22%3A%22county%22%2C%22show_county%22%3Atrue%2C%22show_state%22%3Atrue%2C%22id%22%3A%5B%2217201%22%2C%2217007%22%5D%2C%22name%22%3A%5B%22Winnebago%20County%2C%20IL%22%2C%22Boone%20County%2C%20IL%22%5D%7D%7D]. Date Accessed: [03/18/2020].

[a]Population over 65, HMO patients not included

Distribution of Total Hospitalizations by Cause: Winnebago County, Boone County, Illinois, 2015[a]			
Cause of Hospitalization	**Winnebago County**	**Boone County**	**Illinois**
All Other Diagnoses	32.2%	33.7%	31.5%
Newborn	10.2%	10.3%	10.4%
Delivery	9.8%	9.7%	10.1%
Mental Disorders	8.8%	5.4%	9.0%
Heart Disease	8.6%	8.7%	8.7%
Injury	3.8%	4.0%	3.3%
Infection – Septicemia	3.4%	2.7%	4.2%
Pneumonia/Influenza	3.0%	3.4%	2.7%
Rehabilitation	2.7%	3.5%	1.9%
Stroke	2.2%	2.0%	2.3%
Cancer	2.0%	2.4%	2.9%
Urinary Disease - Other	1.9%	2.3%	2.0%
Urinary Disease - Nephritis, etc	1.7%	1.7%	1.6%
Diabetes	1.6%	1.5%	1.5%
Dorsopathies	1.3%	1.7%	1.4%
Asthma	1.2%	1.0%	1.1%
Poisoning	1.1%	0.9%	0.7%
Infection - Intestinal	0.8%	0.8%	0.7%
Cholelithiasis	0.7%	0.9%	0.8%
Enteritis - Non-Infectious	0.7%	0.6%	0.7%
Hypertension - Uncontrolled	0.6%	0.5%	0.5%
Infection/Parasitic - All Other	0.5%	0.5%	0.6%
Appendicitis	0.4%	0.6%	0.5%
Infection - Acute Respiratory	0.4%	0.6%	0.5%
Chronic Liver Disease/Cirrhosis	0.3%	0.4%	0.3%
Sickle Cell Anemia	**	0.1%	0.3%
Child Abuse and Maltreatment	**	0.0%	0.0%
Total	100.0%	100.0%	100.0%

Source: Illinois Department of Public Health. EMS reporting system - hospital discharge data. [http://www.idph.state.il.us/emsrpt/ind-hosp.asp]. Date Accessed: [03/18/2020].

Note: Hospital discharge data used in this database is acquired from Illinois Health and Hospital Association (IHA) member hospitals [Winnebago: 3 IHA member hospitals; Boone: 1 IHA member hospital] , so non-member hospital data will not be accounted for in these frequency measures.

[a]Quarter 4 data for 2015 was not available, so frequency measures only included data for Quarter 1-3.

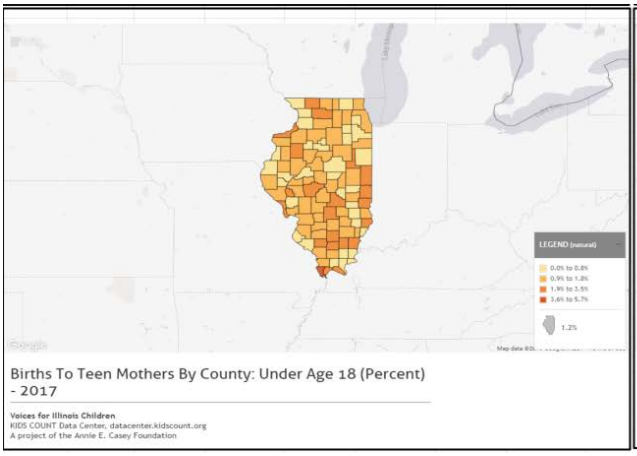
**Small counts are suppressed.

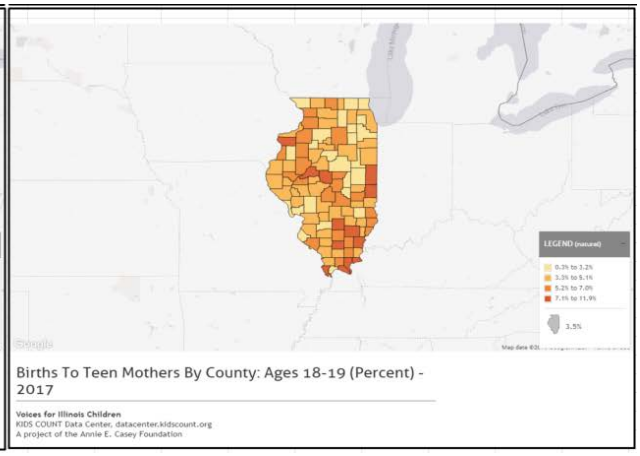
Section 3 Maternal and Child Health

Percent of Population <5 Years by Race/Ethnicity, 5-Year Estimate: Winnebago County, Boone County, and Illinois, 2013-2017						
	Winnebago County		Boone County		Illinois	
	n	Column %	n	Column %	n	Column %
Total Population <5 Years	18,007	100.0%	3,101	100.0%	785,560	100.0%
Race/Ethnicity						
White Alone, Non-Hispanic/Latino	9,660	53.6%	1,898	61.2%	397,847	50.6%
Hispanic/Latino (of any race)	3,564	19.8%	1,023	33.0%	190,306	24.2%
Black/African American, Non-Hispanic/Latino	3,134	17.4%	53	1.7%	121,881	15.5%
American Indian and Alaska Native, Non-Hispanic/Latino	27	0.1%	0	0.0%	763	0.1%
Asian, Non-Hispanic/Latino	465	2.6%	11	0.4%	37,770	4.8%
Native Hawaiian and Other Pacific Islander, Non-Hispanic/Latino	0	0.0%	0	0.0%	174	0.0%
Other, Non-Hispanic/Latino	34	0.2%	3	0.1%	1,530	0.2%
Two/More Races, Non-Hispanic/Latino	1,123	6.2%	112	3.6%	35,289	4.5%

Source: U.S. Census Bureau, Population Estimates Program and 2013-2017 American Community Survey 5-Year Estimates

Table: Illinois Early Childhood Asset Map (IECAM) [https://search.iecam.illinois.edu/cgi-bin/iecam/search.asp]. Date Accessed: [03/09/2020].





Access to Care, Rate[a] of Clinicians per 100,000 Population[b]: Winnebago County, Boone County, and Illinois, 2015-2017									
	Winnebago County			Boone County			Illinois		
Clinician	2015	2016	2017	2015	2016	2017	2015	2016	2017
Ob-Gyn, DO	1.05	1.05	1.40	0.00	0.00	0.00	0.95	0.97	0.93
Ob-Gyn, MD	11.84	11.89	11.59	3.73	1.87	1.87	13.27	13.23	12.94
Pediatrics, DO	0.00	0.00	0.00	0.00	0.00	0.00	0.96	0.96	0.95
Pediatrics, MD	12.54	13.99	12.99	3.73	1.87	1.87	18.36	18.61	17.92

Source: U.S. Department of Health & Human Services, Health Resources and Services Administration, Area Health Resource Files - Health Workforce Dashboard [https://data.hrsa.gov/topics/health-workforce/ahrf]. 2015-2017. Date Accessed: [02/10/2020].

Note: Values of zero may indicate data suppression due to low counts.

[a]Rate= [Clinician Count] / [Respective Population] * 100,000

[b]Population figures are based on estimates from the Census Bureau's 2017 American Community Survey

Infant[a] Deaths, Births, and Death Rates: Winnebago County, Boone County, and Illinois, 2010-2017									
	Winnebago County			Boone County			Illinois		
Year	Deaths	Births	Death Rate Per 1,000[b]	Deaths	Births	Death Rate Per 1,000[b]	Deaths	Births	Death Rate Per 1,000[b]
2010	28	3,783	7.4	*	*	*	1,118	165,200	6.8
2011	21	3,663	5.7	*	*	*	1,051	161,312	6.5
2012	22	3,590	6.1	*	*	*	1,032	159,160	6.5
2013	19	3,532	Unreliable[c]	*	*	*	942	156,931	6.0
2014	27	3,651	7.4	*	*	*	1,045	158,556	6.6
2015	20	3,621	5.5	*	*	*	953	158,116	6.0
2016	25	3,711	6.7	*	*	*	980	154,445	6.3
2017	35	3,501	10.0	*	*	*	912	149,390	6.1
2018	21	3,497	6.0	*	*	*	942	144,815	6.5

Source: Centers for Disease Control and Prevention, National Center for Health Statistics. Underlying Cause of Death 1999-2018 on CDC WONDER Online Database, released in 2020. Data are from the Multiple Cause of Death Files, 1999-2018, as compiled from data provided by the 57 vital statistics jurisdictions through the Vital Statistics Cooperative Program [http://wonder.cdc.gov/ucd-icd10.html]. Date Accessed: [Mar 10, 2020 11:19:11 AM].

Note: Asterisks (*) denote data that was suppressed for confidentiality constraints. Age-adjusted rates aren't available for infant age groups as they all use the same live births population.

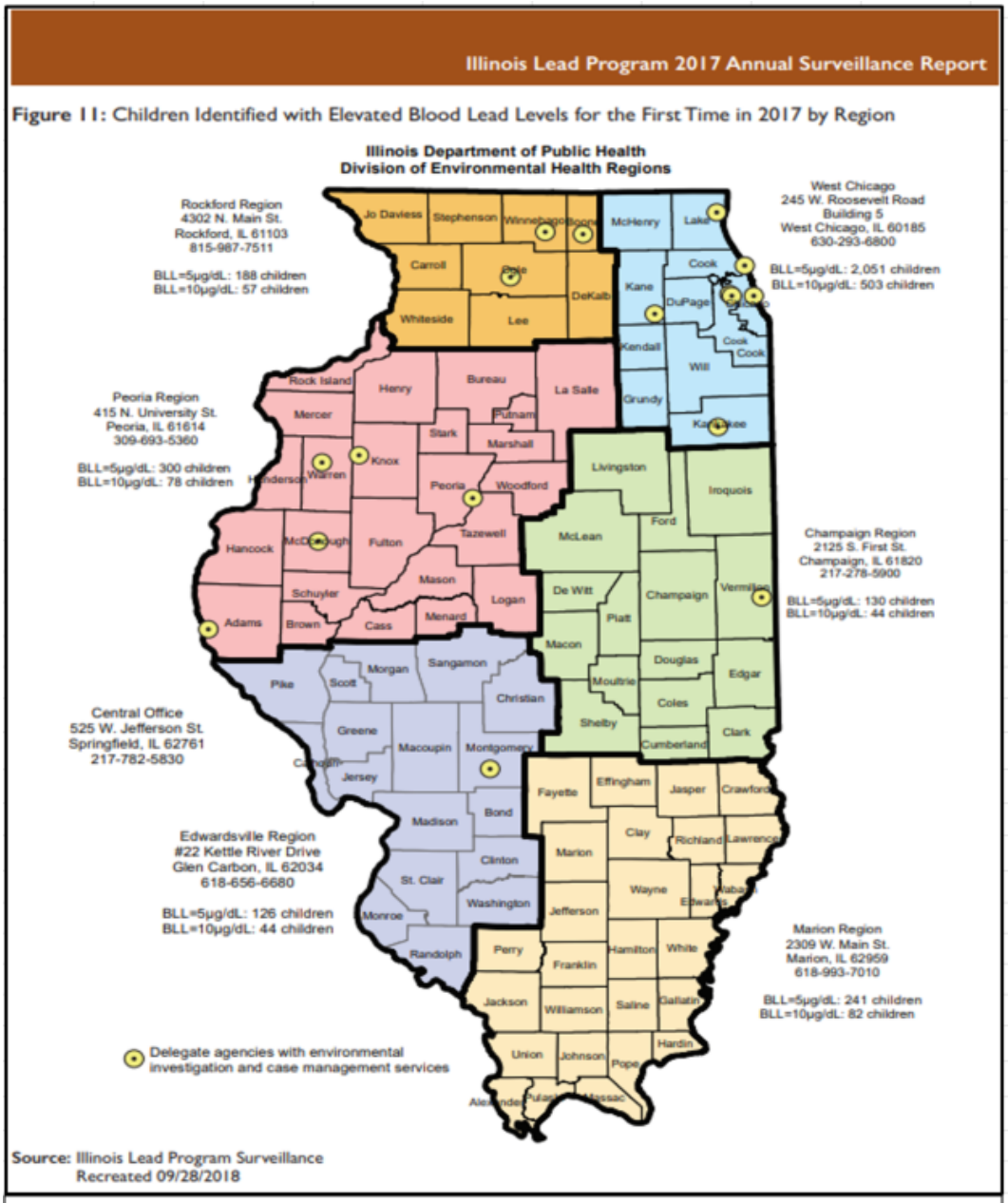
[a]< 1 year

[b]Rate = (# infant deaths/ # registered live births) *1,000

[c]An unreliable rate is a rate calculated with a numerator ≤20.

Annual WIC Breastfeeding Report, by Breastfeeding Exclusivity and Duration: Illinois, 2014-2018								
	Breastfeeding Exclusivity						Breastfeeding Duration	
	At 4 Weeks		At 8 Weeks		At 12 Weeks		At 6 Months	
Year[a]	Total Infants	% Exclusively Breastfed	Total Infants	% Exclusively Breastfed	Total Infants	% Exclusively Breastfed	Ever Breastfed	% Any Breastfeeding
2014	64,651	14.7%	71,536	11.5%	73,940	9.8%	49,074	17.8%
2015	63,873	15.1%	71,430	11.9%	73,778	10.3%	49,708	18.3%
2016	59,155	15.1%	66,257	11.6%	67,860	9.9%	46,646	17.9%
2017	56,027	14.4%	62,241	10.6%	63,675	9.3%	44,009	17.6%
2018	53,025	14.6%	59,053	10.3%	60,531	9.0%	41,776	17.0%

Source: Illinois Department of Human Services, WIC & FCM Quarterly Performance Reports, Annual WIC Breastfeeding Reports [http://www.dhs.state.il.us/page.aspx?item=32729]. Date Accessed: [03/10/2020].



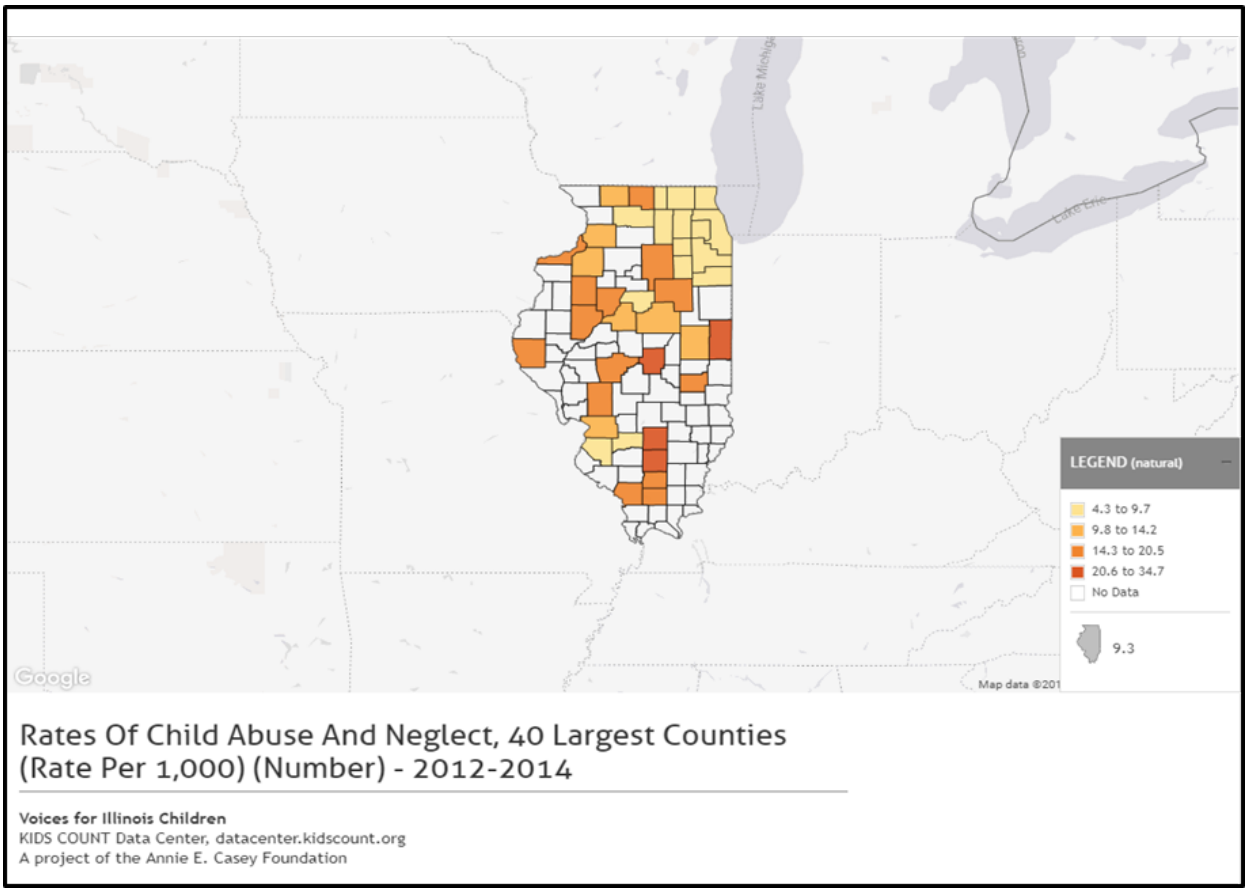
Source: Illinois Department of Public Health - Illinois Lead Program: 2017 Annual Surveillance Report, February 2019 [http://www.dph.illinois.gov/sites/default/files/publications/lead-surveillance-report-2017-20.pdf]. Date Accessed:

Annual Percent of Children Tested with Confirmed Blood Lead Levels Between >5 micrograms/dL and <10 micrograms/dL and Confirmed Blood Lead Levels of 10 micrograms/dL or Greater: Winnebago County, Boone County, Illinois, and U.S., 2010-2014						
	Winnebago County		Boone County		Illinois	
Year	>5 µg/dL and <10 µg/dL	≥10 µg/dL	>5 µg/dL and <10 µg/dL	≥10 µg/dL	>5 µg/dL and <10 µg/dL	≥10 µg/dL
2010	9.213%	1.422%	7.767%	Suppressed[a]	4.448%	1.487%
2011	6.444%	1.483%	2.095%	1.397%	4.210%	1.323%
2012	5.708%	1.450%	3.697%	Suppressed[a]	3.654%	1.449%
2013	3.353%	0.986%	1.329%	Suppressed[a]	2.762%	1.166%
2014	3.393%	1.125%	0.667%	Suppressed[a]	2.341%	1.104%

Source: Centers for Disease Control and Prevention. Environmental Health Tracking Program and Lead Poisoning Prevention Program. Annual Blood Lead Levels. Accessed From: [https://ephtracking.cdc.gov/DataExplorer]. Date Accessed: [10/29/2019].

Note: Because data are not randomly sampled/representative of the population, number and percent of children tested with elevated blood levels cannot be interpreted as prevalence/incidence for the population. CDC current blood lead reference level: 5µg/dL, based on children ages 1-5 in the highest 2.5% of children tested --97.5th percentile of National Health and Nutrition Examination Survey (NHANES) 2007-2008 and 2009-2010 data regarding blood lead distribution in children. There is no blood lead level identified as safe in children.

[a]Non-zero counts <6 and corresponding rates are suppressed for counties with a population less than 100,000 to protect confidentiality.



Annual Number of Substantiated Cases[a] of Child Abuse and Neglect: Winnebago County, Boone County, and Illinois, FY 2010-FY 2014			
Year[b]	Winnebago County	Boone County	Illinois
FY 2010	1,344	94	27,032
FY 2011	1,323	85	26,054
FY 2012	1,300	69	26,682
FY 2013	1,316	110	27,888
FY 2014	1,651	112	31,384

Source: The Annie E. Casey Foundation, KIDS COUNT Data Center [https://datacenter.kidscount.org]; Illinois Department of Children and Family Services

Table: Substantiated cases of child abuse and neglect, 40 largest counties in Illinois [https://datacenter.kidscount.org/data/tables/6040-substantiated-cases-of-child-abuse-and-neglect-40-largest-counties?loc=15&loct=5#detailed/5/2193,2290/true/1248,1090,1001,943,839,742,70,77,76,75/any/12706]. Date Accessed: [03/05/2020].

[a]Cases in which an investigation by the Illinois Department of Children and Family Services produced sufficient evidence to confirm that child abuse and neglect did occur.

[b]July 1 - June 30

Three-Year Average Rates[a] of Substantiated Cases[b] of Child Abuse and Neglect: Winnebago County, Boone County, and Illinois, FY 2008-FY 2014			
Year[c]	Winnebago County	Boone County	Illinois
FY 2008 - FY 2010	20.0	8.3	8.5
FY 2009 - FY 2011	19.5	7.3	8.3
FY 2010 - FY 2012	18.1	6.7	8.2
FY 2011 - FY 2013	18.6	8.4	8.6
FY 2012 - FY 2014	20.5	8.7	9.3

Source: The Annie E. Casey Foundation, KIDS COUNT Data Center [https://datacenter.kidscount.org]; Illinois Department of Children and Family Services

Table: Rates of child abuse and neglect, 40 largest counties (rate per 1,000) in Illinois [https://datacenter.kidscount.org/data/tables/8570-rates-of-child-abuse-and-neglect-40-largest-counties-rate-per-1000?loc=15&loct=5#detailed/5/2193,2290/true/1443,1218,1049,995,932,757,470,116,106,107/any/17276]. Date Accessed: [03/05/2020].

[a]Rates of child abuse and neglect are the number of substantiated cases relative to the child population. Rate Per 1,000.

[b]Cases in which an investigation by the Illinois Department of Children and Family Services produced sufficient evidence to confirm that child abuse and neglect did occur.

[c]July 1 - June 30

Section 4 Mental Health and Substance Abuse

Deaths by Intentional Self-Harm (Suicide): Winnebago County and Illinois, 2014-2018										
	2014		2015		2016		2017		2018	
	Winnebago County	Illinois	Winnebago County	Illinois	Winnebago County	Illinois	Winnebago County	Illinois	Winnebago County	Illinois
Total # Deaths by Suicide	42	1,396	40	1,362	43	1,415	36	1,473	47	1,488
Age										
5 -14 yrs.	[b]	[b]	[b]	[b]	[b]	[b]	[a]	21	[a]	24
15 -24 yrs.	[a]	174	[a]	191	[a]	175	[a]	214	[a]	177
25 - 44 yrs.	[a]	431	12	419	12	462	[a]	502	[a]	520
45 - 64 yrs.	17	543	16	516	17	536	19	492	21	539
65 + yrs.	[a]	235	[a]	216	[a]	233	[a]	244	[a]	228
Race										
White	39	1,263	37	1,216	39	1,274	35	1,297	45	1,312
Black	[a]	93	[a]	97	[a]	94	[b]	[b]	[a]	123
Other	[b]	[b]	[b]	[b]	[a]	47	[a]	42	[a]	53
Ethnicity										
Hispanic	[a]	103	[a]	100	[a]	97	[a]	103	[a]	113
Non-Hispanic	37	1,293	38	1,262	41	1,318	34	1,370	43	1,375
Sex										
Male	31	1,110	33	1,072	28	1,099	29	1,149	39	1,162
Female	[a]	286	[a]	290	15	316	[a]	324	[a]	326

Source: Illinois Department of Public Health & National Center for Health Statistics Vital Statistics System via IQuery. (2014-2018). Deaths by Intentional Self Harm (Suicide) Boone, Winnebago, Illinois, 2014-2018. [https://iquery.illinois.gov/dataquery/Default.aspx]. Date Accessed: February 26, 2020.

Note: Boone County data all listed as "1 to 11"

[a] Data listed by source as "1 to 11".

[b] No data provided by source.

Drug-Related Emergency Room (ER) Visit [a]: Winnebago County, Boone County, and Illinois, 2010-2014															
	2010			2011			2012			2013			2014		
Characteristic	Winnebago County	Boone County	Illinois	Winnebago County	Boone County	Illinois	Winnebago County	Boone County	Illinois	Winnebago County	Boone County	Illinois	Winnebago County	Boone County	Illinois
Total # Drug-Related ER Visits	190	18	5,815	240	20	6,665	258	12	7,174	277	28	7,307	280	18	7,913
Age															
< 1 yr.	[b]	0	[b]	0	0	[b]		0	[b]	[b]	0	[b]	0	0	[b]
1-4 yrs.	0	0	0	0	[b]	[b]	[b]	0	[b]	0	0	[b]	0	0	[b]
5-14 yrs.	[b]	[b]	107	[b]	[b]	121	[b]	0	124	[b]	0	109	[b]	0	98
15-24 yrs.	51	[b]	1,562	70	[b]	1,867	43	[b]	1,934	65	11	1,928	52	[b]	2,063
25-34 yrs.	63	[b]	1,599	60	[b]	1,769	94	[b]	1,962	72	[b]	1,968	94	[b]	2,218
35-44 yrs.	36	[b]	1,101	40	[b]	1,219	51	[b]	1,309	47	[b]	1,310	55	[b]	1,352
45-54 yrs.	20	[b]	935	40	[b]	1,091	33	[b]	1,097	28	[b]	1,169	42	[b]	1,219
55-64 yrs.	[b]	0	359	14	0	429	21	[b]	531	44	[a]	584	23	0	702
65-74 yrs.	[b]	[b]	84	[b]	0	88	[b]	0	118	[b]	[b]	141	[b]	[b]	154
75-84 yrs.	[b]	[b]	49	[b]	0	45	[b]	0	65	[b]	[b]	63	[b]	[b]	73
85 + yrs.	[b]	0	16	[b]	0	26	[b]	0	26	[b]	0	28	0	0	21
Race/Ethnicity															
White	152	15	3,655	198	17	4,169	217	[b]	4,393	230	26	4,344	219	18	4,562
Black	19	0	1,293	29	0	1,487	27	[b]	1,560	24	0	1,580	37	0	1,747
Hispanic	12	[b]	537	11	[b]	630	12	[b]	731	14	[b]	842	23	0	837
Other	[b]	0	31	0	0	39	0	[b]	65	[b]	0	92	[b]	0	110
Unknown	[b]	0	299	[b]	0	340	[b]	0	425	[b]	0	449	0	0	657
Sex															
Male	94	[b]	3,453	124	15	3,992	124	[b]	4,263	154	17	4,436	145	11	4,851
Female	96	[b]	2,362	116	[b]	2,673	134	[b]	2,911	123	11	2,871	135	[b]	3,062

Source: Illinois Department of Public Health (IDPH) Discharge Data via Iquery. (2014). ER Visit Drug Related Boone, Winnebago, Illinois, 2010-2014. [https://iquery.illinois.gov/dataquery/Default.aspx]. Date Accessed: February 27, 2020.

[a] ER Visit Drug-Related" is an emergency room (ER) visit due to drug use in which principal diagnoses are related to drug use (excluding alcohol).

[b] Data listed by source as "1 to 10".

Number of Hospitalizations for Non-Medical Drug Abuse: Winnebago County, Boone County, and Illinois, 2010 - 2014

Characteristic	2010			2011			2012			2013			2014		
	Winnebago County	Boone County	Illinois	Winnebago County	Boone County	Illinois	Winnebago County	Boone County	Illinois	Winnebago County	Boone County	Illinois	Winnebago County	Boone County	Illinois
Total # Inpatient Drug Abuse	2,542	179	140,109	2,394	154	142,540	2,207	194	134,012	2,280	224	115,802	2,480	220	127,255
Age															
10 - 20 yrs.	174	36	10,418	186	33	10,809	189	41	11,165	181	49	10,919	218	44	11,114
21 - 39 yrs.	951	75	40,148	922	54	40,476	729	74	40,177	890	104	37,562	1,012	72	41,876
40 - 59 yrs.	1,262	56	77,944	1,119	49	78,878	1,093	56	69,454	969	49	54,723	1,006	79	60,059
60 + yrs.	155	12	11,599	167	18	12,377	196	23	13,216	240	22	12,598	244	25	14,206
Race/Ethnicity															
White	1,641	148	47,189	1,560	136	49,628	1,371	150	51,959	1,436	190	49,686	1,606	160	50,433
Black	741	[b]	76,742	703	[b]	76,162	646	12	64,582	686	[b]	48,652	676	16	53,150
Hispanic	87	17	9,137	61	[b]	8,783	95	21	8,705	78	15	9,330	88	24	10,629
Other	73	[b]	7,041	70	[b]	7,967	95	11	8,766	80	16	8,134	110	20	13,043
Sex															
Male	1,351	89	85,399	1,391	88	87,519	1,243	89	81,269	1,308	130	68,501	1,349	113	76,843
Female	1,191	90	54,710	1,003	66	55,021	964	105	52,743	972	94	47,301	1,131	107	50,412

Source: Illinois Department of Public Health (IDPH) Discharge Data via Iquery. (2014). Inpatient Drug Abuse, Boone, Winnebago, Illinois, 2010-2014. [https://iquery.illinois.gov/dataquery/Default.aspx]. Date Accessed: February 27, 2020.

[a] IQuery category is "inpatient drug abuse", the number of hospitalizations for non-medical drug abuse.

[b] Data listed by source as "1 to 10".

Drug Overdose Deaths: Winnebago County, Boone County, Illinois, 2014 - 2018

	Any Drug					Any Opioid					Heroin					Opioid Analgesics				
	2014	2015	2016	2017	2018	2014	2015	2016	2017	2018	2014	2015	2016	2017	2018	2014	2015	2016	2017	2018
Winnebago County Total # Deaths	83	97	109	111	149	56	64	82	87	129	41	51	56	45	59	13	17	34	57	108
Boone County Total # Deaths	12	7	8	13	12	5	3	7	12	11	1	1	2	6	2	4	2	6	9	11
Illinois Total # Deaths	1,700	1,836	2,410	2,779	2,722	1,203	1,382	1,946	2,202	2,167	711	844	1,040	1,187	1,050	441	589	1,266	1,655	1,872

Source: Illinois Department of Public Health (IDPH) Division of Health Data and Policy. (2013-2018). Drug Overdose Deaths by Sex, Age Group, Race/Ethnicity and County, Illinois Residents, 2013-2018. [http://www.dph.illinois.gov/sites/default/files/Drug%20Overdose%20Deaths%20-%20August%202019.pdf]. Date Accessed: March 6, 2020.

Drug Sub-Categories: "Any Drug" = Deaths in which drug overdose (poisoning) was reported as the underlying cause of death (ICD-10 codes X40-X44, X60-X64, X85, Y10-Y14). "Any Opiod" = Any Opioid - Drug overdose deaths in which any opioid drug was reported as a contributing cause of death (ICD-10 codes T40.0, T40.1, T40.2, T40.3, T40.4, T40.6). This category is a subset of the "Any Drug" category. "Heroin" = Drug overdose deaths in which heroin was reported as a contributing cause of death (ICD-10 code T40.1). This category is a subset of the "Any Opioid" category. "Opiod Analgesics" = Drug overdose deaths in which any opioid analgesic was reported as a contributing cause of death (ICD-10 codes T40.2, T40.3, T40.4). This category is a subset of the "Any Opioid" category.

Note: "Many drug overdose deaths involve multiple drugs, so these categories are not mutually exclusive, and therefore will not add up to the number in any other category. "

Note: Stratification of Illinois data by age, race/ethnicity, and sex is available via this source.

Alcohol-Related Emergency Room (ER) Visit: Winnebago County, Boone County, and Illinois, 2010 - 2014

Characteristic	2010			2011			2012			2013			2014		
	Winnebago County	Boone County	Illinois	Winnebago County	Boone County	Illinois	Winnebago County	Boone County	Illinois	Winnebago County	Boone County	Illinois	Winnebago County	Boone County	Illinois
Total # Alcohol-Related ER Visits	1,124	97	40,535	1,207	89	44,444	1,198	100	48,374	1,433	129	48,526	1,439	147	51,106
Age															
< 5 yrs.	[a]	0	189	[b]	0	170	0	[a]	175	[a]	0	126	[b]	[a]	145
5-14 yrs.	[a]	0	460	[a]	[a]	508	[a]	0	498	[a]	[a]	372	16	[a]	398
15-24 yrs.	138	21	7,507	140	18	8,650	166	19	9,175	140	27	8,413	159	24	8,148
25-34 yrs.	165	15	7,506	192	14	8,050	148	24	8,961	223	37	8,783	185	41	9,569
35-44 yrs.	248	21	8,394	216	21	8,599	216	18	9,291	294	20	9,741	281	25	10,018
45-54 yrs.	407	29	10,855	464	26	11,900	464	24	12,436	516	25	12,512	474	24	13,202
55-64 yrs.	125	[a]	4,334	161	[a]	5,253	168	[a]	6,268	218	13	6,933	262	20	7,801
65-74 yrs.	26	[a]	905	22	[a]	940	24	[a]	1,215	23	[a]	1,239	42	[a]	1,470
≥ 75 yrs.	[b]	[a]	385	[a]	0	374	[b]	[a]	355	12	0	407	[b]	0	355
Race/Ethnicity															
White	834	88	23,370	904	74	25,883	875	76	27,483	1,083	94	26,894	1,029	110	27,598
Black	188	0	8,859	200	[a]	9,105	194	[a]	10,438	232	[a]	10,718	257	[a]	12,023
Hispanic	85	[a]	5,906	82	12	6,511	106	16	6,705	96	25	7,222	120	28	7,302
Other	[a]	0	454	[a]	0	580	[a]	[a]	777	[a]	[a]	794	15	[a]	931
Unknown	15	[a]	1,946	20	[a]	2,365	21	[a]	2,971	13	[a]	2,898	18	0	3,252
Sex															
Male	827	62	28,674	931	52	31,356	897	68	33,498	1,068	81	33,952	1,038	93	36,297
Female	297	35	11,861	276	37	13,088	301	32	14,876	365	48	14,574	401	54	14,809

Source: Illinois Department of Public Health. (2010-2014). IDPH Discharge Data via Iquery, ER Visit Alcohol Related - Boone, Winnebago, Illinois, 2010-2014. [https://iquery.illinois.gov/dataquery/Default.aspx]. Date Accessed March 6, 2020.

Note: Emergency room visits related to alcohol consumption in which principal diagnoses are alcohol-related.

[a] Data listed by source as "1 to 10".

[b] Data 20 or less is suppressed.

At Risk for Acute or Chronic Alcohol Use: Winnebago County, Boone County, and Illinois, 2010-2014						
	Winnebago County		Boone County		Illinois[c]	
	n	Column %	n	Column %	n	Column %
At Risk for Binge or Acute[a] Drinking						
At Risk	41,619	19.4%	7,918	20.3%	1,880,425	20.3%
Total Surveyed	214,694	100.0%	38,989	100.0%	9,278,868	100.0%
At Risk for Chronic [b] Drinking						
At Risk	13,634	6.4%	3,274	8.3%	503,423	5.4%
Total Surveyed	212,746	100.0%	39,222	100.0%	9,262,151	100.0%

Source: Illinois Department of Public Health (IDPH). Health Statistics. Illinois County Behavioral Risk Factor Surveys, Winnebago County and Boone County, Round 5 (2010-2014)
Source: Illinois Department of Public Health (IDPH). Health Statistics. Illinois Behavioral Risk Factor Surveillance Survey (BRFSS) Data, 2014. Date Accessed: March 6, 2020.

Winnebago - [http://www.idph.state.il.us/brfss/countydata.asp?selTopicCounty=alcohol&areaCounty=Winn_102&show=freq&yrCounty=5&form=county&yr=&area=&selTopic=]

Boone - [http://www.idph.state.il.us/brfss/countydata.asp?selTopicCounty=alcohol&areaCounty=Boone_4&show=freq&yrCounty=5&form=county&yr=&area=&selTopic=]

Illinois - [http://www.idph.state.il.us/brfss/statedata.asp?selTopic=alcohol&area=il&yr=2014&form=strata&show=freq]

[a] Question: onsidering all types of alcoholic beverages, how many times during the past 30 days did you have (5 for men, 4 for women) or more drinks on an occasion?

[b] Question: During the past 30 days, how many days per week or per month did you have at least one drink of any alcoholic beverage such as beer, wine, a malt beverage, or liquor? During the past 30 days, on the days when you drank, about how many drinks did you drink on the average?

[c] Illinois reflects 2014 data while Winnebago and Boone County reflect 2010-2014 data.

Section 5 Behavioral Risk Factors

Current Smoker Demographics [a]: Winnebago County, Boone County, and Illinois 2010-2014						
	Winnebago County		Boone County		Illinois [b]	
	n	row %	n	row %	n	row %
Age						
18-24	[c]	[c]	[c]	[c]	165,993	13.9%
25-44	14,524	20.7%	3,457	25.5%	609,288	19.1%
45-64	15,770	20.3%	2,285	16.1%	598,391	18.5%
65+	4,562	10.5%	524	7.4%	188,046	10.8%
Total	34,857	16.1%	6,266	16.0%	1,561,719	16.7%
Race						
White	28,988	17.6%	5,750	17.0%	1,163,898	15.8%
Non-White	5,869	11.4%	[d]	[d]	397,821	19.7%
Total	34,857	16.1%	6,266	16.0%	1,561,719	16.7%
Hispanic or Latino						
Yes	[d]	[d]	[d]	[d]	170,175	12.9%
No	3,114	15.8%	5,777	16.7%	1,391,544	17.3%
Total	34,857	16.1%	6,266	16.0%	1,561,719	16.7%
Sex						
Male	20,660	19.8%	2,941	15.0%	852,995	18.8%
Female	14,196	12.6%	3,326	16.9%	708,723	14.6%
Total	34,857	16.1%	6,266	16.0%	1,561,719	16.7%
Income Level						
< $ 15,000	[d]	[d]	[d]	[d]	290,831	26.2%
$ 15-35,000	12,289	23.5%	2,409	21.2%	513,295	22.2%
$ 35-50,000	7,315	17.5%	383	9.6%	193,400	16.4%
> $ 50,000	7,877	8.4%	3,038	15.4%	513,425	11.9%
Total	34,263	16.2%	6,052	16.4%	1,510,950	16.9%
Education Level						
< High School Graduate	[d]	[d]	[d]	[d]	274,486	22.6%
High School Graduate	15,181	23.8%	2,094	18.2%	582,761	22.7%
Some College	9,734	16.8%	2,978	26.4%	704,471 [e]	12.6% [e]
College Graduate	5,372	7.2%	357	3.1%		
Total	34,857	16.1%	6,266	16.0%	1,561,719	16.7%
Employment Status						
Employed	18,611	14.7%	4,753	19.7%	934,114	17.2%
Out of Work	[d]	[d]	[d]	[d]	180,168	33.4%
Homemaker/Student	[d]	[d]	[d]	[d]	116,043	9.0%
Retired/Unable to Work	10,001	20.8%	738	9.0%	331,394	15.8%
Total	34,857	16.1%	6,266	16.0%	1,561,719	16.7%
Marital Status						
Married	17,033	14.2%	2,854	11.9%	617,741	12.9%
Widowed	1,417	9.9%	[d]	[d]	91,753	14.3%
Divorced/Separated	11,609	37.0%	[d]	[d]	302,930	27.1%
Never Married	3,153	7.3%	[d]	[d]	462,247	19.1%
Member of Unmarried Couple	[d]	[d]	[d]	[d]	84,985	22.4%
Total	34,857	16.2%	6,068	15.6%	1,559,656	16.7%

Source: Illinois Department of Public Health (IDPH). Health Statistics. Illinois County Behavioral Risk Factor Surveys, Winnebago County and Boone County, Round 5 (2010-2014) Source: Illinois Department of Public Health (IDPH). Health Statistics. Illinois Behavioral Risk Factor Surveillance Survey (BRFSS) Data, 2014. Date Accessed: March 13, 2020.

Winnebago: [http://app.idph.state.il.us/brfss/countydata.asp?xtabFile=smkstat&areaCountyXtab=Winn_102&yrCounty=5&selTopicCounty=tobacco&areaCounty=Winn_102&form=county&show=xtab&yr=&area=&selTopic=]

Boone: [http://app.idph.state.il.us/brfss/countydata.asp?xtabFile=smkstat&areaCountyXtab=Boone_4&yrCounty=5&selTopicCounty=tobacco&areaCounty=Boone_4&form=county&show=xtab&yr=&area=&selTopic=]

Illinois: [http://app.idph.state.il.us/brfss/statedata.asp?xtabFile=smkstat&area=il&yr=2014&selTopic=tobacco&form=strata&show=xtab]

[a] Smoking status questions asked - Have you smoked at least 100 cigarettes in your entire life? Do you smoke cigarettes everyday, some days, or not at all? This table includes those that are current smokers and omits numbers for those who reported being former smokers or non-smokers.

[b] Illinois reflects 2014 data while Winnebago and Boone County reflect 2010-2014 data.

[b] Source provided no data.

[d] The data is suppressed if the unweighted cell count is 5 or less and/or row totals 50 or less and/or the confidence interval width is equal to or greater than +/-12.5%. These instances do not meet standards of reliability.

[e] Illinois education data subcategories are: < high school graduate, high school graduate, > high school graduate

Individuals At Risk for Health Problems Related to Being Obese [a]: Winnebago County, Boone County, and Illinois, 2010-2014

	Winnebago County		Boone County		Illinois [b]	
	n	row %	n	row %	n	row %
Age						
18-24	[c]	[c]	[c]	[c]	153,709	13.0%
25-44	26,319	41.1%	2,880	21.5%	926,274	29.8%
45-64	26,747	34.8%	5,421	39.5%	1,104,622	34.7%
65+	15,020	34.6%	2,278	31.7%	536,632	30.6%
Total	80,386	38.4%	10,795	27.9%	2,721,238	29.5%
Race						
White	54,476	34.2%	7,953	23.8%	2,047,782	28.4%
Non-White	25,910	51.7%	[c]	[c]	672,343	33.2%
Total	80,386	38.4%	10,795	27.9%	2,720,125	29.4%
Hispanic or Latino						
Yes	[c]	[c]	[c]	[c]	406,263	34.7%
No	70,963	36.8%	7,953	23.3%	2,317,190	28.7%
Total	80,386	38.4%	10,795	27.9%	2,723,453	29.5%
Sex						
Male	38,426	37.3%	4,894	25.0%	1,260,405	28.1%
Female	41,960	39.4%	5,901	30.9%	1,463,048	30.8%
Total	80,386	38.4%	10,795	27.9%	2,723,453	29.5%
Income Level						
< $ 15,000	[c]	[c]	[c]	[c]	373,152	35.6%
$ 15-35,000	17,855	35.2%	2,479	21.5%	733,624	32.5%
$ 35-50,000	11,795	28.7%	795	20.5%	338,411	28.7%
> $ 50,000	38,859	41.6%	6,043	31.0%	1,199,959	27.6%
Total	79,683	38.8%	10,156	27.7%	2,645,146	30.0%
Education Level						
< High School Graduate	[c]	[c]	[c]	[c]	351,135	31.1%
High School Graduate	24,049	40.6%	2,973	26.1%	849,473	33.3%
Some College	22,499	39.2%	2,463	21.8%	1,520,473 [d]	27.4% [d]
College Graduate	22,433	30.6%	1,944	17.5%		
Total	80,386	38.4%	10,795	27.9%	2,721,080	29.5%
Employment Status						
Employed	42,509	36.3%	5,221	21.9%	1,522,240	28.6%
Out of Work	[c]	[c]	[c]	[c]	138,018	25.4%
Homemaker/Student	[c]	[c]	[c]	[c]	280,312	22.2%
Retired/Unable to Work	17,771	35.8%	3,606	43.5%	781,383	37.3%
Total	80,386	38.4%	10,795	27.9%	2,721,952	29.5%
Marital Status						
Married	41,452	36.3%	7,740	32.6%	1,429,991	30.3%
Widowed	6,524	42.2%	671	34.6%	234,343	35.7%
Divorced/Separated	11,249	42.2%	[c]	[c]	393,849	36.6%
Never Married	18,635	40.8%	[c]	[c]	589,462	24.4%
Member of Unmarried Couple	[c]	[c]	[c]	[c]	72,812	20.7%
Total	80,386	38.6%	10,795	27.9%	2,720,458	29.5%

Source: Illinois Department of Public Health (IDPH). Health Statistics. Illinois County Behavioral Risk Factor Surveys, Winnebago County and Boone County, Round 5 (2010-2014) Source: Illinois Department of Public Health (IDPH). Health Statistics. Illinois Behavioral Risk Factor Surveillance Survey (BRFSS) Data, 2014. Date Accessed: March 13, 2020.

Winnebago: [http://app.idph.state.il.us/brfss/countydata.asp?xtabFile=obesity&areaCountyXtab=Winn_102&yrCounty=5&selTopicCounty=obesity&areaCounty=Winn_102&form=county&show=xtab&yr=&area=&selTopic=]

Boone: [http://app.idph.state.il.us/brfss/countydata.asp?xtabFile=obesity&areaCountyXtab=Boone_4&yrCounty=5&selTopicCounty=obesity&areaCounty=Boone_4&form=county&show=xtab&yr=&area=&selTopic=]

Illinois: [http://app.idph.state.il.us/brfss/statedata.asp?xtabFile=obesenew&area=il&yr=2014&selTopic=obesity&form=strata&show=xtab]

[a] at risk for health problems related to being obese (based on body mass index calculated from height and weight) BMI obese => 30 kg/m2

Note: Source provides data for BMI measuring underweight/normal and overweight, but only data for BMI measuring obese is included in this table.

[b] Illinois reflects 2014 data while Winnebago and Boone County reflect 2010-2014 data.

[c] The data is suppressed if the unweighted cell count is 5 or less and/or row totals 50 or less and/or the confidence interval width is equal to or greater than +/-12.5%. These instances do not meet standards of reliability.

[d] Illinois education data subcategories are: < high school graduate, high school graduate, > high school graduate

Individuals At Risk for Health Problems Related to Being Overweight [a]: Winnebago County, Boone County, and Illinois, 2010-2014						
	Winnebago County		Boone County		Illinois [b]	
	n	row %	n	row %	n	row %
Age						
18-24	[c]	[c]	[c]	[c]	255,782	21.6%
25-44	21,051	32.9%	5,467	40.7%	1,076,394	34.6%
45-64	24,332	31.7%	5,457	39.8%	1,147,277	36.0%
65+	13,802	31.8%	3,169	44.1%	676,425	38.5%
total	62,196	29.7%	15,085	39.0%	3,155,879	34.2%
Race						
White	53,616	33.6%	13,896	41.5%	2,542,528	35.3%
Non-White	8,581	17.1%	[c]	[c]	620,278	30.6%
Total	62,196	29.7%	15,085	39.0%	3,162,806	34.2%
Hispanic or Latino						
Yes	[c]	[c]	[c]	[c]	436,523	37.3%
No	60,801	31.5%	14,142	41.5%	2,726,283	33.8%
Total	62,196	29.7%	15,085	39.0%	3,162,806	34.2%
Sex						
Male	32,451	31.5%	8,433	43.1%	1,794,481	40.0%
Female	29,745	28.0%	6,652	34.8%	1,368,325	28.8%
Total	62,196	29.7%	15,085	39.0%	3,162,806	34.2%
Income Level						
< $ 15,000	[c]	[c]	[c]	[c]	281,820	26.9%
$ 15-35,000	14,805	29.2%	3,803	33.0%	759,253	33.7%
$ 35-50,000	11,280	27.4%	1,380	35.5%	423,321	36.0%
> $ 50,000	28,410	30.4%	8,520	43.7%	1,563,241	36.0%
Total	61,474	29.9%	14,540	39.7%	3,027,634	34.3%
Education Level						
< High School Graduate	[c]	[c]	[c]	[c]	417,810	37.0%
High School Graduate	16,806	28.4%	4,376	38.4%	826,157	32.4%
Some College	18,864	32.9%	5,366	47.5%	1,918,839 [d]	34.6% [d]
College Graduate	21,290	29.0%	4,851	43.7%		
Total	62,196	29.7%	15,085	39.0%	3,162,806	34.3%
Employment Status						
Employed	32,036	27.3%	9,655	40.5%	1,910,831	35.9%
Out of Work	[c]	[c]	[c]	[c]	191,351	35.2%
Homemaker/Student	[c]	[c]	[c]	[c]	345,935	27.4%
Retired/Unable to Work	16,992	34.2%	3,426	41.4%	702,744	33.5%
Total	62,196	29.7%	15,085	39.0%	3,150,860	34.2%
Marital Status						
Married	34,695	30.4%	10,010	42.2%	1,805,724	38.2%
Widowed	4,436	28.7%	1,077	55.5%	189,978	29.0%
Divorced/Separated	8,825	33.1%	[c]	[c]	368,734	34.3%
Never Married	10,289	22.5%	[c]	[c]	618,438	25.6%
Member of Unmarried Couple	[c]	[c]	[c]	[c]	178,502	50.8%
Total	61,965	29.7%	15,085	39.0%	3,161,377	34.3%

Source: Illinois Department of Public Health (IDPH). Health Statistics. Illinois County Behavioral Risk Factor Surveys, Winnebago County and Boone County, Round 5 (2010-2014) Source: Illinois Department of Public Health (IDPH). Health Statistics. Illinois Behavioral Risk Factor Surveillance Survey (BRFSS) Data, 2014. Date Accessed: March 13, 2020.

Winnebago: [http://app.idph.state.il.us/brfss/countydata.asp?xtabFile=obesity&areaCountyXtab=Winn_102&yrCounty=5&selTopicCounty=obesity&areaCounty=Winn_102&form=county&show=xtab&yr=&area=&selTopic=]

Boone: [http://app.idph.state.il.us/brfss/countydata.asp?xtabFile=obesity&areaCountyXtab=Boone_4&yrCounty=5&selTopicCounty=obesity&areaCounty=Boone_4&form=county&show=xtab&yr=&area=&selTopic=]

Illinois: [http://app.idph.state.il.us/brfss/statedata.asp?xtabFile=obesenew&area=iil&yr=2014&selTopic=obesity&form=strata&show=xtab]

[a] at risk for health problems related to being overweight (based on body mass index calculated from height and weight) overweight 25 - < 30 kg/m2

Note: Source provides data for BMI measuring underweight/normal and obese, but only data for BMI measuring overweight is included in this table.

[b] Illinois reflects 2014 data while Winnebago and Boone County reflect 2010-2014 data.

[c] The data is suppressed if the unweighted cell count is 5 or less and/or row totals 50 or less and/or the confidence interval width is equal to or greater than +/-12.5%. These instances do not meet standards of reliability.

[d] Illinois education data subcategories are: < high school graduate, high school graduate, > high school graduate

Demographics of 8th, 10th, and 12th Grade Survey Participants: Winnebago County, 2018						
Characteristic	**8th Grade**		**10th Grade**		**12th Grade**	
	n	**%**	**n**	**%**	**n**	**%**
Sex & Gender						
Female	387	50%	239	49%	206	51%
Male	367	47%	240	49%	186	46%
Transgender	7	1%	7	1%	6	1%
Do Not Identify as Female, Male, Transgender	15	2%	7	1%	6	1%
Total	776	100%	490	100%	400	100%
Race						
White	545	71%	361	74%	306	77%
Black/African American	25	3%	19	4%	19	5%
Latino/Latina	53	7%	26	5%	31	8%
Asian American	19	2%	12	2%	12	3%
Native American/American Indian	3	< 1%	3	1%	0	0%
Multi-Racial	105	14%	59	12%	28	7%
Other	20	3%	6	1%	3	1%
Total	770	100%	486	100%	399	100%
Living Arrangement						
Both Parents	452	59%	245	51%	203	51%
Parent and Step Parent	130	17%	98	20%	51	13%
Mother Only	124	16%	83	17%	74	19%
Father Only	28	4%	27	6%	30	8%
Legal Guardian	12	2%	10	2%	7	2%
Foster Parent (Including Relative Foster Parent)	2	0%	2	0%	4	1%
Group Home/Residential Care	0	0%	0	0%	0	0%
Grandparents	8	1%	9	2%	16	4%
Living Independently	N/A [a]	N/A [a]	3	1%	6	2%
Multiple Living Situations	15	2%	8	2%	8	2%
Total	771	100%	485	100%	399	100%

Source: Illinois Center for Prevention Research & Development, (ICPRD) Illinois Department of Humans Services (IDHS). (2018). Illinois Youth Survey 2018 County Report: Winnebago. [https://iys.cprd.illinois.edu/UserFiles/Servers/Server_178052/File/2018/Cnty18_Winnebago.pdf]. Date Accessed: March 13, 2020.

Note: This table depicts county-level data on a variety of health and social indicators such as drug use, bullying, and school climate. The data has been organized into topical sections as noted in the table of contents following this introduction. In most cases, only a portion of schools in a county participate in the Illinois Youth Survey (IYS). There will be NO DATA presented in this report for any grade level with only one district reporting. This is to protect the confidentiality of district-level results.

Note: Winnebago County participating schools included 8 public schools, 4 middle and 4 high schools. Participating students were 779 8th grade students, 490 10th grade students, and 400 12th grade students.

[a] This question was not asked at this grade level.

Section 6: Communicable Disease

Reported Chlamydia Rates[a] per 100,000 Population: Winnebago County, Boone County, and Illinois, 2014-2018			
Year	**Winnebago**	**Boone**	**Illinois**
2014	576.1	219.7	519.0
2015	601.8	260.3	542.5
2016	633.3	289.9	562.7
2017	670.6	284.3	588.6
2018	713.9	378.5	602.7

Source: Illinois Department of Public Health STD Section, 2018 IDPH STD 5-Year Cases and Rates by Jurisdiction Report [http://www.dph.illinois.gov/sites/default/files/publications/std-cases-and-rates-county-5-year-trends-2018.pdf]

[a]Calculated based on 2010 U.S. Census population.

Reported Gonorrhea Rates[a] per 100,000 Population: Winnebago County, Boone County, and Illinois, 2014-2018			
Year	**Winnebago**	**Boone**	**Illinois**
2014	150.4	9.2	124.5
2015	190.7	20.3	133.5
2016	240.8	53.5	165.2
2017	223.2	51.7	186.0
2018	251.0	79.4	198.1

Source: Illinois Department of Public Health STD Section, 2018 IDPH STD 5-Year Cases and Rates by Jurisdiction Report [http://www.dph.illinois.gov/sites/default/files/publications/std-cases-and-rates-county-5-year-trends-2018.pdf]

[a]Calculated based on 2010 U.S. Census population.

Reported Primary and Secondary Syphilis Rates[a] per 100,000 Population: Winnebago County, Boone County, and Illinois, 2014-2018			
Year	**Winnebago**	**Boone**	**Illinois**
2014	1.0	1.8	6.7
2015	2.0	1.8	8.5
2016	2.7	1.8	9.8
2017	3.0	0.0	9.5
2018	5.8	1.8	11.0

Source: Illinois Department of Public Health STD Section, 2018 IDPH STD 5-Year Cases and Rates by Jurisdiction Report [http://www.dph.illinois.gov/sites/default/files/publications/std-cases-and-rates-county-5-year-trends-2018.pdf]

[a]Calculated based on 2010 U.S. Census population.

Reported Communicable Diseases: Winnebago County, 2014-2018										
	2014[a]		2015[b]		2016[c]		2017[d]		2018[e]	
Disease	n	rate	n	rate	n	rate	n	rate	n	rate
Vaccine Preventable										
Chickenpox (Varicella)	*	*	*	*	*	*	*	*	*	*
Diphtheria	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Haemophilus influenzae, invasive	*	*	*	*	*	*	*	*	*	*
Hepatitis A	*	*	0	0.00	*	*	*	*	*	*
Hepatitis B-Acute Infection	*	*	*	*	*	*	*	*	*	*
Hepatitis B-Chronic	32	10.91	28	9.59	27	9.30	39	13.50	24	8.35
Hepatitis D	*	*	*	*	0	0.00	0	0.00	0	0.00
Influenza deaths in < 18 yrs old	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Influenza, ICU admissions	32	10.91	*	*	*	*	36	12.46	64	22.26
Measles (Rubeola)	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Mumps	*	*	*	*	*	*	*	*	0	0.00
Neisseria meningitidis, invasive	0	0.00	0	0.00	*	*	0	0.00	*	*
Pertussis (Whooping Cough)	*	*	*	*	*	*	38	13.15	18	6.26
Poliomyelitis	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Rubella	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
S. pneumoniae - non-drug resistant invasive disease (among those <5yrs)	*	*	*	*	0	0.00	*	*	*	*
Tetanus	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Other Communicable Diseases										
Anaplasmosis	*	*	*	*	0	0.00	0	0.00	0	0.00
Anthrax	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Arboviruses	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Babesiosis	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Botulism, foodborne	*	*	0	0.00	0	0.00	0	0.00	0	0.00
Botulism, infant, wound, other	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Brucellosis	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Campylobacteriosis[f]	f	f	f	f	56	19.28	70	24.23	88	30.61
Chikungunya Non-neuroinvasive Disease	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Chikungunya Neuroinvasive Disease	0	0.00	0	0.00	*	*	0	0.00	0	0.00
Cholera	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Cryptosporidiosis	*	*	*	*	54	18.59	22	7.62	21	7.30
Cyclosporiasis	0	0.00	0	0.00	0	0.00	*	*	*	*
Dengue	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Ehrlichiosis	0	0.00	*	*	*	*	0	0.00	0	0.00
Enteric E. coli infections (STEC,O157:H7)	*	*	*	*	*	*	*	*	29	10.09
Hantavirus pulmonary syndrome	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Hemolytic uremic syndrome, post diarrheal	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Hepatitis C-Acute	0	0.00	*	*	0	0.00	*	*	*	*
Hepatitis C-Chronic	248	84.53	237	81.16	210	72.30	198	68.54	198	68.87
Histoplasmosis	*	*	*	*	*	*	*	*	*	*
Legionellosis	*	*	*	*	*	*	*	*	*	*
Leptospirosis	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Listeriosis	0	0.00	0	0.00	*	*	0	0.00	*	*
Lyme disease	*	*	*	*	*	*	*	*	*	*
Malaria	0	0.00	*	*	*	*	0	0.00	0	0.00
Plague	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Psittacosis	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Q fever	0	0.00	0	0.00	*		0	0.00	0	0.00
Rabies, human case	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Rabies, potential human exposure	*	*	*	*	*	*	*	*	36	12.52
Reye syndrome	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Salmonellosis, other than typhoid	40	13.63	57	19.52	44	15.15	44	15.23	68	23.65
Severe Acute Respiratory Syndrome (SARS)	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Shigellosis	21	7.16	116	39.72	118	40.63	*	*	*	*
Smallpox	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Spotted fever rickettsioses	0	0.00	0	0.00	0	0.00	*	*	0	0.00
S. aureus infections with intermediate or high level resistance to vancomycin	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Streptococcal infections, Group A, invasive including STSS and necrotizing fascitis	*	*	*	*	*	*	*	*	*	*
Toxic shock syndrome due to S. aureus	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Trichinosis	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Tuberculosis	6	2.05	1	0.34	3	1.03	3	1.04	1	0.35
Tularemia	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Typhoid fever	0	0.00	0	0.00	0	0.00	*	*	*	*
Typhus	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
Vibriosis (non cholera)	*	*	*	*	*	*	*	*	*	*
West Nile Fever	0	0.00	0	0.00	0	0.00	*	*	*	*
Zika Virus	0	0.00	0	0.00	*	*	0	0.00	0	0.00

Source: Illinois-National Electronic Disease Surveillance System (I-NEDSS), accessed 12/03/2019. U.S. Census Bureau, American Community Survey 5-Year Population Estimates.

*Note: Asterisks denote fields that were suppressed for cells with <20 cases.

[a]Population data for calculation of rate taken from U.S Census Bureau, 2009-2013 American Community Survey 5-Year Estimates.

[b]Population data for calculation of rate taken from U.S Census Bureau, 2010-2014 American Community Survey 5-Year Estimates.

[c]Population data for calculation of rate taken from U.S Census Bureau, 2011-2015 American Community Survey 5-Year Estimates.

[d]Population data for calculation of rate taken from U.S Census Bureau, 2012-2016 American Community Survey 5-Year Estimates.

[e]Population data for calculation of rate taken from U.S Census Bureau, 2013-2017 American Community Survey 5-Year Estimates.

[f]Campylobacteriosis became reportable in 2016.

Section 7 Environmental

Annual Volume of Reported[a] Violent Crime and Property Crime Offenses by Type[b]: Winnebago County, 2010-2018											
	Violent Crime						Property Crime				
Year	All Violent Crimes	Homicide	Rape Legacy UCR Definition[c]	Rape Revised UCR Definition[c]	Robbery	Aggravated Assault	All Property Crimes	Arson	Burglary	Larceny Theft	Motor Vehicle Theft
2010	120	1	22	[c]	16	81	1200	3	399	735	66
2011	93	4	20	20	13	56	1039	6	367	606	66
2012	139	1	35	35	19	84	1026	7	340	625	61
2013	122	3	14	[c]	13	92	801	5	299	454	48
2014	126	4	[c]	25	17	80	789	3	287	456	46
2015	141	2	[c]	23	25	91	669	1	247	368	54
2016	134	3	[c]	34	20	77	874	7	285	530	59
2017	118	0	[c]	23	12	83	758	10	248	453	57
2018	141	7	[c]	47	12	75	542	0	177	317	48

Source: Federal Bureau of Investigation (FBI), Uniform Crime Reporting (UCR) Program, Crime Data Explorer. Summary crime reported by the Winnebago County Sheriff's Office, 2010-2018. [https://crime-data-explorer.fr.cloud.gov/explorer/agency/IL1010000/crime]

Note: Asterisks (*) denote data that was not available, which may be due to an agency not participating, report of zero incidents, changes in reporting, or being "covered" by another agency. Data follows the hierarchy rule, wherein only the most serious offense in a case is counted. The rule excludes arson, so in cases involving arson and another crime, both are reported.

[a]Not exhaustive of all crimes that occur.

[b]Violent crime (murder, nonnegligent manslaughter, rape, robbery, and aggravated assault) and property crime (burglary, larceny-theft, and motor vehicle theft).

[c]Starting 2013, a revised definiton was implemented--wherein "forcible" was removed from the offense name. Data collected under either the legacy/revised definition are shown.

Percent of West Nile Virus Tested Mosquitoes and Dead Birds with a Positive Test Result: Winnebago County, 2015-2019		
Year	Mosquitoes	Dead Birds
2015	4.0%	11.8%
2016	4.0%	21.4%
2017	8.5%	5.7%
2018	15.8%	3.1%
2019	6.3%	4.8%

Source: Winnebago County Health Department, West Nile Virus Program Data. Date Accessed: [01/31/2020].

Annual Number of Demolitions: Winnebago County, 2015-2019	
Year	**Demolitions**
2015	1
2016	18
2017	13
2018	7
2019	8

Source: Winnebago County Health Department, Environmental Health. Date Accessed: [01/31/2020].

Section 8: Housing and Transportation

Housing Characteristics: Winnebago County, Boone County, Illinois, 2013-2017															
	2013			2014			2015			2016			2017		
	Winnebago County	Boone County	Illinois	Winnebago County	Boone County	Illinois	Winnebago County	Boone County	Illinois	Winnebago County	Boone County	Illinois	Winnebago County	Boone County	Illinois
Housing Occupancy															
Occupied Housing Units	113,449	17,938	4,772,723	113,553	18,162	4,778,633	113,912	18,129	4,786,388	114,299	18,405	4,802,124	114,491	18,709	4,818,452
Vacant Housing Units	12,335	1,992	518,981	12,266	1,808	520,800	11,808	1,839	517,287	11,292	1,554	508,203	11,309	1,345	516,395
Homeowner Vacancy Rate [i]	1.5	2.1	2.3	1.7	2.0	2.2	2.2	2.0	2.1	2.2	2.4	2.0	2.0	2.3	1.9
Rental Vacancy Rate [ii]	5.5	1.1	7.0	6.3	2.9	6.7	7.0	2.8	6.4	6.1	3.0	6.2	5.9	2.3	6.4
Units in Structure															
1 Unit, Detached	85,975	15,435	3,098,539	86,355	15,835	3,104,574	87,220	15,987	3,109,289	87,845	16,137	3,118,979	88,048	16,386	3,141,506
1 Unit, Attached	4,892	607	312,474	5,166	673	309,821	5,405	655	309,909	5,423	6,102	307,577	5,465	689	305,724
2 Units	8,138	608	303,069	8,124	512	302,761	8,037	454	300,835	8,019	528	299,511	7,927	526	301,108
3-4 Units	8,294	797	360,789	8,283	749	360,401	7,974	615	358,179	7,620	515	351,973	7,807	421	347,038
5-9 Units	5,674	467	327,603	5,561	370	329,723	5,282	363	331,348	5,046	364	337,711	4,865	293	339,698
10-19 Units	3,986	363	212,395	3,805	313	211,102	3,397	287	210,515	3,290	487	210,685	3,120	382	208,671
20 + Units	6,306	304	536,822	6,074	291	542,835	6,054	351	546,347	6,172	357	548,229	6,357	363	556,080
Mobile Home	2,497	1,349	138,638	2,451	1,227	136,989	2,323	1,256	135,942	2,132	959	134,336	2,167	994	133,565
Boat, RV, Van, etc.	22	0	1,375	20	0	1,227	28	0	1,311	44	0	1,326	44	0	1,457
Housing Tenure															
Owner-Occupied	75,867	14,803	3,220,038	75,525	14,999	3,194,707	75,502	14,711	3,177,705	74,835	14,549	3,167,081	75,723	14,820	3,185,142
Average Household Size	2.63	3.05	2.73	2.60	2.97	2.73	2.57	2.97	2.72	2.55	2.92	2.71	2.54	2.85	2.71
Renter-Occupied	37,582	3,135	1,552,685	38,028	3,163	1,583,926	38,410	3,418	1,608,683	39,464	3,856	1,635,043	38,768	3,889	1,633,310
Average Household Size	2.38	2.73	2.42	2.41	2.88	2.43	2.40	2.86	2.44	2.38	2.81	2.42	2.34	2.85	2.41
House Heating Fuel															
Utility Gas	98,058	14,575	3,808,671	98,010	14,859	3,796,896	98,333	14,559	3,785,716	97,852	14,576	3,776,112	97,303	14,899	3,766,827
Bottled, Tank, or LP Gas	2,403	1,181	195,972	2,401	1,246	194,800	2,342	1,117	194,009	2,360	1,150	196,055	2,490	1,142	198,002
Electricity	11,704	1,835	691,462	12,020	1,792	708,187	12,142	2,146	724,227	12,893	2,380	744,996	13,387	2,427	766,981
Fuel Oil, Kerosene, etc.	239	93	11,140	134	84	9,755	98	95	9,080	99	84	8,250	110	65	7,720
Coal or Coke	11	0	708	9	0	746	8	0	798	7	0	789	5	0	815
Wood	386	109	24,280	364	65	23,945	389	70	23,979	440	59	23,533	482	55	22,991
Solar Energy	10	0	699	10	0	728	11	0	752	0	0	835	5	0	908
Other Fuel	310	47	20,949	242	45	21,385	268	82	22,665	275	114	23,128	256	87	23,708
No Fuel Used	328	98	18,842	363	71	22,191	321	60	25,162	373	42	28,426	453	34	30,500

Source: U.S. Census Bureau, 2013-2017 American Community Survey 5-Year Estimates [https://factfinder.census.gov/faces/tableservcies/jsf/pages/productview.xhtml?pid=ACS_17_5YR_DP04&prodType=table]

Year Structure Built, Winnebago County, Boone County,			
Years	Winnebago County	Boone County	Illinois
2014 or Later	122	9	21,639
2010-2013	824	155	63,426
2000-2009	13,727	4,938	593,867
1990-1999	16,662	4,144	585,906
1980-1989	11,861	1,927	476,937
1970-1979	20,164	2,259	770,540
1960-1969	17,332	1,934	631,074
1950-1959	17,287	942	689,088
1940-1949	8,803	369	337,429
1939 or Earlier	19,018	3,377	1,164,941

Source: U.S. Census Bureau, 2013-2017 American Community Survey 5-Year Estimates, 2017 Data. [https://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=ACS_17_5YR_DP04&prodType=table]. Date Accessed: March 17, 2020.

Housing Occupancy Characteristics, 5-Year Estimate: Winnebago County, Boone County, Illinois, and U.S., 2013-2017						
	Winnebago County		Boone County		Illinois	U.S.
Characteristics	n	%	n	%	%	%
Overall: Total Housing Units	125,800	100.0%	20,054	100.0%	100.0%	100.0%
Occupied Units	114,491	91.0%	18,709	93.3%	90.3%	87.8%
Owner-occupied	75,723	66.1%	14,820	79.2%	66.1%	63.8%
Renter-occupied	38,768	33.9%	3,889	20.8%	33.9%	36.2%
Vacant Units	11,309	9.0%	1,345	6.7%	9.7%	12.2%
Vacancy Rate (%)						
Homeowner[a]	2.0%		2.3%		1.9%	1.7%
Rental[b]	5.9%		2.3%		6.4%	6.1%

Source: U.S. Census Bureau, 2013-2017 American Community Survey 5-Year Estimates

Table: DP04 - Selected Housing Characteristics [https://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=ACS_17_5YR_DP04&prodType=table]. Date Accessed: [02/20/2020].

[a]Homeowner vacancy rate: The proportion of the homeowner housing inventory that is vacant for sale. It is computed by dividing the number of vacant units for sale by the sum of the owner-occupied units and vacant units that are for sale only, and then multiplying by 100.

[b]Rental vacancy rate: The proportion of the rental inventory that is vacant for rent. It is computed by dividing the number of vacant units for rent by the sum of the renter's occupied units and the number of vacant units for rent, and then multiplying by 100.

Household Size, 5-Year Estimate: Winnebago County, Boone County, Illinois, and U.S., 2013-2017				
Characteristics	Winnebago County	Boone County	Illinois	U.S.
Occupied Housing Units	114,491	18,709	4,818,452	118,825,921
Average Household Size	2.47	2.85	2.61	2.63
Household Size (% Occupied Housing Units)				
1-person household	29.7%	21.4%	29.2%	27.7%
2-person household	33.9%	32.3%	32.4%	33.8%
3-person household	15.0%	16.6%	15.3%	15.7%
4-or-more-person household	21.5%	29.6%	23.2%	22.8%

Source: U.S. Census Bureau, 2013-2017 American Community Survey 5-Year Estimates

Table: S2501 - Occupancy Characteristics [https://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=ACS_17_5YR_S2501&prodType=table]. Date Accessed: [02/20/2020]. B25010 - Average Household Size of Occupied Housing Units by Tenure [https://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=ACS_17_5YR_B25010&prodType=table]. Date Accessed: [02/20/2020].

Section 9: Injury and Illness

Individuals At Risk for Injury Due to No Seatbelt Use by Demographic Characteristics, Prevalence Data: Winnebago County, Boone County, and Illinois, 2010-2014						
Characteristics	Winnebago County		Boone County		Illinois	
	n	Row %	n	Row %	n	Row %
Age						
18-24	[a]	[a]	[c]	[c]	247,494	20.9%
25-44	5,998	8.5%	[a]	[a]	371,321	11.8%
45-64	4,887	6.5%	541	3.9%	296,546	9.3%
65+	4,011	9.5%	283	4.1%	159,946	9.2%
Total	21,700	10.2%	4,544	11.7%	1,075,308	11.6%
Race						
White	14,251	8.7%	3,052	9.1%	832,981	11.5%
Non-White	[a]	[a]	[a]	[a]	243,828	12.2%
Total	21,700	10.2%	4,544	11.7%	1,076,809	11.6%
Hispanic or Latino						
Yes	[a]	[a]	[a]	[a]	103,070	8.1%
No	20,978	10.8%	3,075	9.0%	973,738	12.2%
Total	21,700	10.2%	4,544	11.7%	1,076,809	11.6%
Sex						
Male	12,209	12.0%	2,501	12.8%	708,235	15.8%
Female	9,491	8.5%	2,043	10.6%	368,574	7.7%
Total	21,700	10.2%	4,544	11.7%	1,076,809	11.6%
Income Level						
< $15,000	[a]	[a]	[a]	[a]	124,292	11.4%
$15-35,000	5,861	11.7%	[a]	[a]	265,803	11.7%
$35-50,000	2,216	5.3%	[a]	[a]	137,926	11.8%
> $50,000	11,445	12.3%	4,221	21.5%	489,723	11.4%
Total	21,700	10.4%	4,544	12.4%	1,017,743	11.6%
Education Level						
< High School Graduate	[a]	[a]	[a]	[a]	124,734	10.5%
High School Graduate	3,036	4.9%	430	3.8%	299,206	11.8%
Some College	[a]	[a]	2,059	18.3%	651,368 [b]	11.8% [b]
College Graduate	6,465	8.7%	[a]	[a]		
Total	21,700	10.2%	4,544	11.7%	1,075,308	11.6%

Source: Illinois Department of Public Health (IDPH). Health Statistics. Illinois County Behavioral Risk Factor Surveys, Winnebago County and Boone County, Round 5 (2010-2014)
Source: Illinois Department of Public Health (IDPH). Health Statistics. Illinois Behavioral Risk Factor Surveillance Survey (BRFSS) Data, 2014. Date Accessed: February 24, 2020.

Leading Causes of Death: Winnebago County, 2013-2017

Cause of Death	2013 [a]				2014 [b]				2015 [c]				2016 [d]				2017 [e]			
	Rank	n	Age-Adjusted Rate	% of Total Deaths	Rank	n	Age-Adjusted Rate	% of Total Deaths	Rank	n	Age-Adjusted Rate	% of Total Deaths	Rank	n	Age-Adjusted Rate	% of Total Deaths	Rank	n	Age-Adjusted Rate	% of Total Deaths
Total		2,903	824.4			2,883	810.1			3,002	847.5			2,892	813.6			3,056	844.6	
Cancer (Malignant Neoplasm)	1	677	191.6	23.3%	1	696	192.1	24.1%	2 ↓	690	192.3	23.0%	2	652	180.5	22.5%	2	660	178.6	21.5%
Heart Disease	2	640	176.9	22.0%	2	630	174.0	21.8%	1 ↑	717	196.0	23.9%	1	661	178.3	22.8%	1	689	183.7	22.5%
Cerebrovascular Disease	3	202	55.5	6.9%	5 ↓	149	41.0	5.2%	5	137	37.4	4.6%	5	139	38.3	4.8%	6 ↓	145	38.2	4.7%
Accident (Unintentional Injury)	4	192	63.1	6.6%	4	167	54.3	5.8%	3 ↑	191	63.0	6.4%	3	209	69.1	7.2%	4 ↓	196	67.9	6.4%
Chronic Lower Respiratory Disease	5	161	44.2	5.5%	3 ↑	171	47.0	5.9%	4 ↓	169	47.1	5.6%	4	170	46.7	5.9%	3 ↑	196	51.8	6.4%
Alzheimer's Disease	6	83	21.8	2.8%	6	90	24.6	3.1%	6	98	26.2	3.3%	6	106	27.4	3.7%	5 ↑	159	41.1	5.2%
Nephritis, Nephrotic Syndrome, and Nephrosis	7	79	21.8	2.7%	7	74	19.8	2.6%	7	75	21.2	2.5%	7	89	24.1	3.1%	7	88	24.3	2.9%
Diabetes Mellitus	8	66	19.4	2.3%	8	56	15.5	1.9%	9 ↓	50	14.3	1.7%	8 ↑	67	19.6	2.3%	8	64	17.5	2.1%
Influenza and Pneumonia	9	56	15.3	1.9%	9	54	15.2	1.9%	8 ↑	60	16.3	2.0%	13 ↓	28	7.6	0.97%	10 ↑	45	12.2	1.5%
Chronic Liver Disease and Cirrhosis	10	51	13.9	1.7%	10	43	12.1	1.5%	11 ↓	41	11.7	1.4%	9 ↑	55	14.7	1.9%	9	47	13.6	1.5%
Suicide (Intentional Self-Harm)	11	38	13.7	1.3%	11	42	13.7	1.4%	13 ↓	40	13.7	1.3%	10 ↑	43	14.9	1.5%	12 ↓	36	11.6	1.2%
Septicemia	12	34	9.4	1.2%	14 ↓	27	7.9	0.94%	10 ↑	41	11.3	1.4%	12 ↓	31	8.3	1.1%	13 ↓	33	9.1	1.1%
Pneumonitis Due to Solids and Liquids	13	30	8.6	1.0%	12 ↑	41	11.3	1.4%	12 ↑	40	10.9	1.3%	15 ↓	28	7.4	0.97%	14 ↑	32	8.5	1.0%
Parkinson's Disease	14	28	8.1	0.96%	13 ↑	37	10.1	1.3%	15 ↓	25	6.9	0.83%	11 ↑	41	11.5	1.4%	11	44	11.7	1.4%
Homicide	15	24	8.9	0.83%	16 ↓	24	9.3	0.83%	14 ↑	26	9.7	0.87%	14	28	11.0	0.97%	f	f	f	f
Neoplasms - In Situ, Benign or of Uncertain or Unknown Behavior	f	f	f	f	15	24	6.9	0.83%	f	f	f	f	f	f	f	f	15	31	8.2	0.49%

Centers for Disease Control and Prevention, National Center for Health Statistics. Underlying Cause of Death 1999-2017 on CDC WONDER Online Database, released December, 2018. Data are from the Multiple Cause of Death Files, 1999-2017, as compiled from data provided by the 57 vital statistics jurisdictions through the Vital Statistics Cooperative Program. [http://wonder.cdc.gov/ucd-icd10.html]. Date Accessed: February 25, 2020.

measures = deaths, population, age-adjusted rates

↑ and ↓ show change in rank from previous year

unreliable = death rate calculated with a numerator of 20 or less

[a] 2013 Winnebago population = 290,666

[b] 2014 Winnebago population = 288,542

[c] 2015 Winnebago population = 287,078

[d] 2016 Winnebago population = 285,873

[e] 2017 Winnebago population = 284,778

f not a ranking cause of death in the respective year

Section 10: Chronic Disease

Diagnosed and Currently Living with Asthma [a]: Winnebago County, Boone County, and Illinois 2010-2014						
	Winnebago County		Boone County		Illinois [b]	
	n	row %	n	row %	n	row %
Age						
18-24 Years	[d]	[d]	[d]	[d]	122,835	9.8%
25-44 Years	10,810	15.1%	1,369	10.1%	297,023	8.8%
45-64 Years	10,401	13.2%	396	2.8%	332,096	9.9%
65+ Years	4,136	9.3%	597	8.2%	159,453	8.8%
Total	27,876	12.7%	2,577	6.5%	911,407	9.3%
Race						
White	21,604	13.0%	2,332	6.8%	682,654	8.9%
Non-White	6,272	11.7%	[d]	[d]	225,425	10.3%
Total	27,876	12.7%	2,577	6.5%	908,079	9.2%
Hispanic or Latino						
Yes	[d]	[d]	[d]	[d]	84,818	5.9%
No	25,829	12.9%	2,501	7.2%	822,278	9.8%
Total	27,876	12.7%	2,577	6.5%	907,096	9.2%
Sex						
Male	5,506	5.2%	1,538	7.9%	303,960	6.4%
Female	22,370	19.6%	1,039	5.2%	607,447	12.0%
Total	27,876	12.7%	2,577	6.5%	911,407	9.3%
Income Level						
< $ 15,000	[d]	[d]	[d]	[d]	177,212	15.1%
$ 15-35,000	11,124	20.6%	580	5.0%	239,060	10.0%
$ 35-50,000	4,912	11.7%	596	14.9%	85,259	7.1%
> $ 50,000	6,060	6.4%	1,240	6.2%	369,249	8.4%
Total	27,781	12.9%	2,542	6.8%	870,779	9.5%
Education Level						
< High School Graduate	[d]	[d]	[d]	[d]	129,472	9.7%
High School Graduate	6,112	9.5%	817	7.0%	257,511	9.6%
Some College	11,390	18.8%	802	7.1%	520,872 [e]	9.0% [e]
College Graduate	5,658	7.6%	683	6.0%		
Total	27,876	12.7%	2,577	6.5%	907,856	9.3%

Sources: Illinois Department of Public Health (IDPH). Health Statistics. Illinois and Strata Area Prevalence Data. Illinois County Behavioral Risk Factor Survey (BRFSS), 2014
llinois Department of Public Health (IDPH). Health Statistics. County Level Prevalence Data. Illinois Behavioral Risk Factor Surveillance Survey (BRFSS) Data, Round 5 2014

COPD [a] Diagnosis: Winnebago County, Boone County, and Illinois 2010-2014						
	Winnebago County		Boone County		Illinois [b]	
	n	row %	n	row %	n	row %
Age						
18-24 Years	c	c	d	d	d	d
25-44 Years	d	d	d	d	110,217	3.3%
45-64 Years	5,620	7.1%	1,483	10.4%	235,680	7.0%
65+ Years	4,579	10.4%	903	12.4%	207,704	11.6%
Total	15,562	7.1%	3,371	8.5%	567,604	5.8%
Race						
White	14,985	9.0%	2,637	7.7%	459,766	6.0%
Non-White	d	d	d	d	107,838	4.9%
Total	15,562	7.1%	3,371	8.5%	567,604	5.8%
Hispanic or Latino						
Yes	d	d	d	d	37,476	2.6%
No	15,345	7.7%	2,822	8.1%	530,129	6.3%
Total	15,562	7.1%	3,371	8.5%	567,604	5.8%
Sex						
Male	3,560	3.4%	1,747	8.9%	234,315	4.9%
Female	12,002	10.5%	1,624	8.1%	333,289	6.6%
Total	15,562	7.1%	3,371	8.5%	567,604	5.8%
Income Level						
< $ 15,000	d	d	d	d	128,419	11.0%
$ 15-35,000	8,471	15.8%	687	5.9%	192,651	8.1%
$ 35-50,000	2,013	4.7%	d	d	55,375	4.6%
> $ 50,000	1,920	2.0%	1,221	6.2%	157,948	3.6%
Total	15,372	7.1%	2,879	7.7%	534,393	5.8%
Education Level						
< High School Graduate	d	d	d	d	131,094	9.9%
High School Graduate	5,039	7.8%	1,544	13.2%	187,322	7.0%
Some College	5,903	9.7%	1,005	8.9%	245,162 [e]	4.3% [e]
College Graduate	3,063	4.1%	d	d		
Total	15,562	7.1%	3,371	8.5%	563,578	5.8%

Sources: Illinois Department of Public Health (IDPH). Health Statistics. Illinois and Strata Area Prevalence Data. Illinois County Behavioral Risk Factor Survey (BRFSS), 2014
llinois Department of Public Health (IDPH). Health Statistics. County Level Prevalence Data. Illinois Behavioral Risk Factor Surveillance Survey (BRFSS) Data, Round 5 2014

New Cancer Case Counts [a]: Winnebago County, Boone County, Illinois, 2012-2016			
	Winnebago County	Boone County	Illinois
Sex			
Male	4,060	687	167,091
Female	4,279	673	171,324
Race			
Black	762	[c]	45,715
White	7,446	[c]	279,239
Other [b]	131	[c]	13,461
Total New Cases	8,339	1,360	338,415

Source: U.S. Cancer Statistics Working Group. U.S. Cancer Statistics Data Visualizations Tool, based on November 2018 submission data (1999-2016): U.S. Department of Health and Human Services, Centers for Disease Control and Prevention and National Cancer Institute; www.cdc.gov/cancer/dataviz, June 2019.

Source: Illinois Department of Public Health (IDPH). 2016. Cancer in Illinois: Statistics: Cancer Incidence by County. [http://www.idph.state.il.us/iscrstats/AllRace/Show-AllRace-Table.aspx?]

[a] Incidence data are compiled from cancer registries meeting U.S. Cancer Statistics data quality criteria covering 100% of the U.S. population. "Individual year of diagnosis
is available for the Illinois data files, however, for the county, ZIP code, Cook County and stage files,
the diagnosis year is a five-year aggregate (1992-1996, 1997-2001, 2002-2006 (this and prior groups
not available for the Cook County file), 2007-2011, and 2012-2016)."

[b] "Other" calculated by subtracting the counts for "Black" and "White" from the total count.

Cardiovascular Disease Diagnoses: Winnebago County, Boone County, and Illinois, 2010-2014						
	Winnebago County		Boone County		Illinois [a]	
	n	column %	n	column %	n	column %
Ever Told You Had Angina or Coronary Heart Disease						
Yes	13,991	6.4%	1,512	3.8%	357,877	3.6%
Total	219,723	100.0%	39,475	100.0%	9,836,465	100.0%
Ever Told You Had Heart Attack, Also Called a Myocardial Infarction						
Yes	9,119	4.1%	1,394	3.5%	369,026	3.8%
Total	220,440	100.0%	39,509	100.0%	9,790,275	100.0%
Ever Told You Had a Stroke						
Yes	8,779	4.0%	652	1.7%	289,301	2.9%
Total	220,535	100.0%	39,509	100.0%	9,839,551	100.0%

Sources: Illinois Department of Public Health (IDPH). Health Statistics. Illinois and Strata Area Prevalence Data. Illinois County Behavioral Risk Factor Survey (BRFSS), 2014
Ilinois Department of Public Health (IDPH). Health Statistics. County Level Prevalence Data. Illinois Behavioral Risk Factor Surveillance Survey (BRFSS) Data, Round 5 2014

Winnebago - [http://app.idph.state.il.us/brfss/countydata.asp?selTopicCounty=cvd&areaCounty=Winn_102&show=freq&yrCounty=5&form=county&yr=&area=&selTopic=]

Boone - [http://app.idph.state.il.us/brfss/countydata.asp?selTopicCounty=cvd&areaCounty=Boone_4&show=freq&yrCounty=5&form=county&yr=&area=&selTopic=]

Illinois - [http://app.idph.state.il.us/brfss/statedata.asp?selTopic=cardiovascular&area=il&yr=2014&form=strata&show=freq]

[a] Illinois reflects 2014 data while Winnebago and Boone County reflect 2010-2014 data.

Heart Attack Diagnosis [a]: Winnebago County, Boone County, and Illinois 2010-2014						
	Winnebago County		Boone County		Illinois [b]	
	n	row %	n	row %	n	row %
Age						
18-24 Years	c	c	c	c	c	c
25-44 Years	c	c	c	c	35,235	1.0%
45-64 Years	6,014	7.6%	d	d	131,798	3.9%
65+ Years	3,105	7.0%	1,148	15.8%	201,881	11.2%
Total	9,119	4.1%	1,394	3.5%	368,914	3.8%
Race						
White	7,616	4.6%	1,394	4.1%	307,414	4.0%
Non-White	d	d	c	c	61,612	2.8%
Total	9,119	4.1%	1,394	3.5%	369,026	3.8%
Hispanic or Latino						
Yes	c	c	c	c	18,889	1.3%
No	9,119	4.6%	1,394	4.0%	350,137	4.2%
Total	9,119	4.1%	1,394	3.5%	369,026	3.8%
Sex						
Male	5,312	5.0%	482	2.5%	203,364	4.3%
Female	3,807	3.3%	913	4.6%	165,662	3.3%
Total	9,119	4.1%	1,394	3.5%	369,026	3.8%
Income Level						
< $ 15,000	d	d	d	d	75,457	6.6%
$ 15-35,000	2,764	5.1%	536	4.6%	122,358	5.1%
$ 35-50,000	d	d	d	d	53,796	4.5%
> $ 50,000	d	d	292	1.5%	90,613	2.1%
Total	9,119	4.2%	1,300	3.5%	342,224	3.8%
Education Level						
< High School Graduate	d	d	d	d	53,688	4.1%
High School Graduate	4,930	7.6%	833	7.1%	148,543	5.5%
Some College	2,227	3.7%	d	d	166,795 [e]	2.9% [e]
College Graduate	1,867	2.5%	d	d		
Total	9,119	4.1%	1,394	3.5%	369,026	3.8%

Sources: Illinois Department of Public Health (IDPH). Health Statistics. Illinois and Strata Area Prevalence Data. Illinois County Behavioral Risk Factor Survey (BRFSS), 2014
llinois Department of Public Health (IDPH). Health Statistics. County Level Prevalence Data. Illinois Behavioral Risk Factor Surveillance Survey (BRFSS) Data, Round 5 2014

Cardiovascular Disease Diagnosis [a]: Winnebago County, Boone County, and Illinois 2010-2014						
	Winnebago County		Boone County		Illinois [b]	
	n	row %	n	row %	n	row %
Age						
18-24 Years	c	c	c	c	d	d
25-44 Years	d	d	c	c	26,219	0.8%
45-64 Years	4,862	6.2%	d	d	121,142	3.6%
65+ Years	6,008	13.6%	1,166	16.1%	204,893	11.4%
Total	13,991	6.4%	1,512	3.8%	356,264	3.6%
Race						
White	12,312	7.4%	1,512	4.4%	315,737	4.1%
Non-White	d	d	c	c	42,141	1.9%
Total	13,991	6.4%	1,512	3.8%	357,877	3.6%
Hispanic or Latino						
Yes	c	c	c	c	36,145	2.5%
No	13,991	7.0%	1,512	4.3%	321,495	3.8%
Total	13,991	6.4%	1,512	3.8%	357,640	3.6%
Sex						
Male	5,861	5.6%	692	3.5%	209,881	4.4%
Female	8,130	7.1%	820	4.1%	147,996	2.9%
Total	13,991	6.4%	1,512	3.8%	357,877	3.6%
Income Level						
< $ 15,000	d	d	d	d	36,030	3.1%
$ 15-35,000	7,233	13.5%	557	4.8%	108,350	4.5%
$ 35-50,000	2,463	5.8%	290	7.2%	48,055	4.0%
> $ 50,000	2,697	2.8%	394	2.0%	128,566	2.9%
Total	13,991	6.5%	1,442	3.9%	321,001	3.5%
Education Level						
< High School Graduate	d	d	d	d	58,435	4.4%
High School Graduate	4,546	7.0%	931	7.9%	118,767	4.4%
Some College	5,602	9.2%	203	1.8%	177,556 [e]	3.1% [e]
College Graduate	3,020	4.1%	287	2.5%		
Total	13,991	6.4%	1,512	3.8%	354,759	3.6%

Sources: Illinois Department of Public Health (IDPH). Health Statistics. Illinois and Strata Area Prevalence Data. Illinois County Behavioral Risk Factor Survey (BRFSS), 2014
llinois Department of Public Health (IDPH). Health Statistics. County Level Prevalence Data. Illinois Behavioral Risk Factor Surveillance Survey (BRFSS) Data, Round 5 2014

Stroke Diagnosis [a]: Winnebago County, Boone County, and Illinois 2010-2014						
	Winnebago County		Boone County		Illinois [b]	
	n	row %	n	row %	n	row %
Age						
18-24 Years	c	c	c	c	d	d
25-44 Years	c	c	c	c	27,053	0.8%
45-64 Years	5,720	7.2%	d	d	126,234	3.8%
65+ Years	3,059	6.9%	312	4.3%	130,471	7.2%
Total	8,779	4.0%	652	1.7%	289,301	2.9%
Race						
White	6,344	3.8%	652	1.9%	196,476	2.6%
Non-White	d	d	c	c	92,825	4.3%
Total	8,779	4.0%	652	1.7%	289,301	2.9%
Hispanic or Latino						
Yes	d	d	d	d	18,131	1.3%
No	7,215	3.6%	652	1.9%	271,170	3.2%
Total	8,779	4.0%	652	1.7%	289,301	2.9%
Sex						
Male	4,896	4.6%	246	1.3%	118,560	2.5%
Female	3,883	3.4%	406	2.0%	170,742	3.4%
Total	8,779	4.0%	652	1.7%	289,301	2.9%
Income Level						
< $ 15,000	d	d	d	d	74,802	6.4%
$ 15-35,000	4,423	8.2%	d	d	103,158	4.3%
$ 35-50,000	d	d	d	d	36,853	3.1%
> $ 50,000	d	d	d	d	61,600	1.4%
Total	8,548	4.0%	c	c	276,413	3.0%
Education Level						
< High School Graduate	d	d	d	d	44,430	3.3%
High School Graduate	5,552	8.6%	139	1.2%	98,667	3.7%
Some College	2,264	3.7%	324	2.9%	146,205 [e]	2.5% [e]
College Graduate	d	d	d	d		
Total	8,779	4.0%	652	1.7%	289,301	3.0%

Sources: Illinois Department of Public Health (IDPH). Health Statistics. Illinois and Strata Area Prevalence Data. Illinois County Behavioral Risk Factor Survey (BRFSS), 2014
Ilinois Department of Public Health (IDPH). Health Statistics. County Level Prevalence Data. Illinois Behavioral Risk Factor Surveillance Survey (BRFSS) Data, Round 5 2014

Total Cardiovascular Disease Hospitalizations[a] Among Individuals Aged 65 Years and Older: Winnebago County, Boone County, and Illinois, 2014-2016			
	Winnebago County	Boone County	Illinois
Race			
Black	287.3	355.9	274.7
White	185.4	195.3	189.4
Hispanic	138.1	102.2	153.5
Sex			
Men	207.6	199.0	211.2
Women	180.5	192.9	184.0
Total Rate, 65 +, All Races/Ethnicities, Both Genders	**191.8**	**194.4**	**195.3**

Source: Centers for Medicare and Medicaid Services Medicare Provider Analysis and Review (MEDPAR) file, Part A via Centers for Disease Control and Prevention (CDC). 2014-2016. Interactive Atlas of Heart Disease and Stroke. [https://www.cdc.gov/dhdsp/maps/atlas/index.htm]

Note: Data are Total Cardiovascular Disease Hospitalization Rate per 1,000 Medicare Beneficiaries. Data are age-adjusted and unsmoothed.

[a] Data provided for age 65+ years only.

Rates of Cardiovascular Disease Deaths: Winnebago County, Boone County, and Illinois, 2014-2016			
	Winnebago County	Boone County	Illinois
Age			
35 + Years	451.7	410.7	430.1
45-64 Years	165.7	121.7	150.1
65 + Years	1491.1	1441.1	1437.1
< 75 Years	85.3	60.7	79.3
Race			
Black (Non-Hispanic)	309.4	[a]	307.2
White (Non-Hispanic)	230.5	217.7	220.1
Hispanic	145.3	[a]	129.3
American Indian and Alaskan Native	[a]	[a]	84.7
Asian and Pacific Islander	137.9	[a]	119.7
Sex			
Men	279.6	247.5	269.1
Women	197.0	178.0	183.7
Total Rate, All Ages, All Races/Ethnicities, Both Genders	**233.6**	**212.3**	**221.7**

Source: Bridged-Race Postcensal Population Estimates from National Center for Health Statistics via Centers for Disease Control and Prevention (CDC). 2014-2016. Interactive Atlas of Heart Disease and Stroke. [https://www.cdc.gov/dhdsp/maps/atlas/index.htm]

Note: Data are Total Cardiovascular Disease Death Rate per 100,000. Data are age-adjusted and unsmoothed.

[a] Insufficient data

Rates of Heart Disease Deaths: Winnebago County, Boone County, and Illinois, 2014-2016			
	Winnebago County	**Boone County**	**Illinois**
Age			
35 + Years	353.0	302.9	327.6
45-64 Years	140.1	96.7	123.3
65 + Years	1140.6	1055.2	1077.0
< 75 Years	70.8	45.5	63.7
Race			
Black (Non-Hispanic)	229.5	[a]	228.1
White (Non-Hispanic)	182.3	164.9	169.7
Hispanic	92.7	[a]	91.8
American Indian and Alaskan Native	[a]	[a]	67.7
Asian and Pacific Islander	[a]	[a]	81.8
Sex			
Men	225.8	190.2	214.2
Women	149.0	127.5	133.5
Total Rate, All Ages, All Races/Ethnicities, Both Genders	**182.7**	**157.2**	**168.9**

Source: Bridged-Race Postcensal Population Estimates from National Center for Health Statistics via Centers for Disease Control and Prevention (CDC). 2014-2016. Interactive Atlas of Heart Disease and Stroke. [https://www.cdc.gov/dhdsp/maps/atlas/index.htm]

Note: Data are Heart Disease Death Rate per 100,000. Data are age-adjusted and unsmoothed.

[a] Insufficient data

Risk Factors for Heart Disease and Stroke: Winnebago County, Boone County, and Illinois, 2014-2016			
	Winnebago County	Boone County	Illinois
Diabetes [a]	8.8%	8.4%	9.3%
Obesity [b]	34.3%	30.7%	[b]

Source: Centers for Disease Control and Prevention (CDC). 2014-2016. Interactive Atlas of Heart Disease and Stroke. [https://www.cdc.gov/dhdsp/maps/atlas/index.htm]

Note: County estimates of Diagnosed Diabetes, Obesity, and Leisure-time Physical Inactivity were calculated by the Division of Diabetes Translation. [https://www.cdc.gov/diabetes/data/county.html]

[a] Data are diagnosed diabetes, adults aged 18+ years (Illinois data)/20+ years (county data), age-adjusted percentage. "In the Diabetes Atlas application, a person is considered to have diagnosed diabetes if a doctor or other health professional had ever told that he or she had diabetes. Women who were told they only had diabetes during pregnancy are not considered to have diabetes. Percentages were age-adjusted to the 2000 US standard population using age groups <45, 45-64, 65-74, and >=75 years for the overall estimates, and age groups 18-44, 45-64, 65-74, and >= 75 years for the estimates among those aged 18 years or older."

[b] Data are diagnosed obesity, adults aged 18+ years (Illinois data)/20+ years (county data), age-adjusted percentage."A condition in which a greater than normal amount of fat is in the body; more severe than overweight; having a body mass index of 30 or more. Body mass index (weight [kg]/height [m]2) was derived from self-report of height and weight."

[b] Source provided no data.