

# WCHD

Winnebago County Health Department



*Serving Our Whole Community*



## IPLAN 2025-2030



## Community Status Assessment



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## EXECUTIVE SUMMARY

The Winnebago County Health Department (WCHD) in collaboration with community partners and the University of Illinois College of Medicine Rockford (UICOMR), Division of Health Research and Evaluation (HRE) conducted the Community Status Assessment (CSA) using secondary data sources to provide an overview of the health status of the community. The CSA is one of three (3) assessments that are part of the Mobilizing for Action through Planning and Partnerships 2.0 (MAPP 2.0) framework created by the National Association of County and City Health Officials (NACCHO). MAPP 2.0 aims to achieve health equity by identifying pressing community health issues and aligning resources. The CSA utilizes comprehensive secondary data collection, analysis, and synthesis to present indicators geared at engaging stakeholders and integrating health equity into public health efforts.

# METHODOLOGY, DATA AND LIMITATIONS

## Methodology

Data sources were carefully selected to provide a comprehensive overview of key public health, demographic, economic, and social indicators relevant to community partners, organizations and residents of Winnebago County. The methodology involved identifying reputable and frequently updated data sources that could provide detailed local, state, and national data. These sources include federal and state agencies, academic institutions, and non-profit organizations known for their expertise and reliability in data collection, analysis, and dissemination. Data were retrieved from online portals, government websites, and academic databases. Each data source was examined for its quality, integrity, geographical coverage, availability and data collection method. Data in tables were ranked from highest to lowest for race, ethnicity and sex, based on the most current data for Winnebago County. For other tables, data was organized by year, age group, context and other categories. Values were rounded to one decimal place, except for those less than 0.04 or where greater precision improved clarity in data summaries.

The IPLAN Internal Steering Committee (ISC) and Partner Steering Committee (PSC) determined the chapters and the data elements to be included in the CSA and provided guidance throughout the CSA process.

## Data

The data book incorporates data from the following primary sources:

- **Government Health Agencies:** The Centers for Disease Control and Prevention (CDC), Illinois Department of Public Health (IDPH), and National Institutes of Health (NIH) provided data on health outcomes, disease prevalence, mortality, and healthcare resources.
- **Educational and Economic Organizations:** The U.S. Census Bureau and Illinois State Board of Education (ISBE) provided information on demographic trends, socioeconomic status, and educational attainment, which are critical for understanding social determinants of health.
- **Public Safety and Environmental Data:** The Federal Bureau of Investigation (FBI), Illinois Violent Death Reporting System (IVDRS), and the National Environmental Public Health Tracking Network offered data which providing insights into public safety, violent incidents, and environmental factors affecting health.
- **Local and Community Organizations:** The Rockford Area Economic Development Council, the Winnebago County Coroner, and Winnebago County Health Department provided region-specific data to contextualize broader health trends in the community.

Each source's data collection process varies, ranging from large national surveys (e.g., American Community Survey) to data gathered by community organizations. Where appropriate, data has been stratified by demographic categories such as age, gender, race, and socioeconomic status to allow for a more in-depth understanding of health disparities.



## Limitations

While the data presented offers a valuable overview, several limitations are acknowledged:

1. **Timeliness:** Data from sources such as the American Community Survey (ACS) and CDC's Behavioral Risk Factor Surveillance System (BRFSS) may have delays of one or more years due to data processing and reporting requirements. This lag can limit the ability to reflect the most current trends, especially in rapidly changing public health environments, such as occurred during the COVID-19 pandemic.
2. **Data Availability and Gaps:** Some indicators may not be available at the local level or for specific subpopulations. For example, rural areas may have limited data granularity, making it difficult to present data for some health indicators.
3. **Variability in Data Collection Methods:** Differences in data collection methodologies (e.g., survey-based versus records) can lead to inconsistencies. Each source may have a unique sampling design, population coverage, and data definitions, which could result in variations when comparing data across sources.
4. **Self-Reported Data:** Many health surveys, including those conducted by the CDC and NIH, rely on self-reported information, which may be subject to bias due to underreporting or misreporting, especially for sensitive health topics.
5. **Privacy and Data Suppression:** To maintain privacy, certain datasets are aggregated or redacted, especially when dealing with small population sizes or sensitive health information. This can result in limited data availability for specific minority groups or conditions.
6. **Data Interpretation:** While efforts were made to use accurate and up-to-date data, all data sources may have inherent biases. For instance, income data may not fully capture economic hardships in certain populations, and mortality data may miss underlying causes related to socioeconomic or environmental factors.
7. **Limitations of Cross-Sectional Data:** Many of the sources provide cross-sectional snapshots rather than longitudinal data. This limits the ability to establish causality or analyze trends over extended periods within the same population.

This data book represents a consolidated view of key indicators affecting public health in Winnebago County, but it should be used with the understanding of these limitations. It is recommended that users supplement these findings with additional qualitative data, community insights, and continuous monitoring to inform and adapt public health strategies effectively. Further, as new data become available and methodologies evolve, ongoing efforts will be made to update available data.



# 1. SOCIAL AND STRUCTURAL DETERMINANTS OF HEALTH

## a. Demographics

Described below are the demographic characteristics of the population in Winnebago County including measures of the total population as well as race and ethnicity. Winnebago County has experienced an overall population decline from 2013 through 2022. The majority (72%) of individuals in Winnebago County are White and over 85% of households in Winnebago County speak English as the primary language in the home, followed by Spanish.

### i. Annual Population Estimates

Winnebago County experienced an average annual decline in population of approximately 0.2% from 2013 to 2022, with a slight increase in actual population between 2019 and 2020.

Table 1. Annual Population Estimates: Winnebago County, 2013-2022		
Year	Winnebago County	
	Population	% Change
2013	290,666	
2014	288,542	-0.7%
2015	287,078	-0.5%
2016	285,873	-0.4%
2017	284,778	-0.4%
2018	284,081	0.2%
2019	282,572	0.5%
2020*	*	*
2021	283,119	*
2022	282,188	0.3%
Source: U.S. Census Bureau, 2013-2022 American Community Survey 1-Year Estimates		
<a href="https://data.census.gov/table?g=0500000US17201&amp;tid=ACSDP1Y2021.DP05">Table: DP05 - ACS Demographic and Housing Estimates</a> <a href="https://data.census.gov/table?g=0500000US17201&amp;tid=ACSDP1Y2021.DP05">[https://data.census.gov/table?g=0500000US17201&amp;tid=ACSDP1Y2021.DP05] (choose each year)</a>		
*The U.S. Census Bureau did not release its standard 1-year estimates from the 2020 American Community Survey (ACS) due to the impacts of the COVID-19 pandemic on data collection.		

### ii. Rural and Urban Population

Overall population in Winnebago County is predominately urban (90%) with 10% rural.

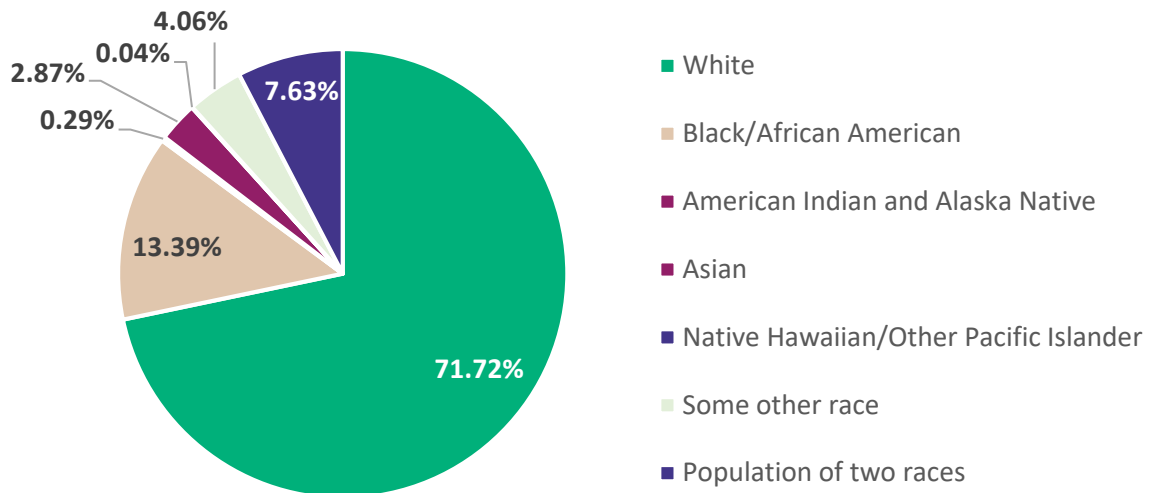
Table 2. Urban and Rural Population: Winnebago County, Illinois, And US, 2020					
Area	Total Population	Urban Population	Rural Population	Urban Population, Percent	Rural Population, Percent
Winnebago County, IL	285,350	257,688	27,662	90.3%	9.7%
Illinois	12,812,508	11,137,590	1,674,918	86.9%	13.1%
United States	331,449,281	265,149,027	66,300,254	80.0%	20.0%
Data Source: U.S. Census Bureau, Decennial Census. 2020 <a href="https://www.census.gov">https://www.census.gov</a>					

### iii. Demographic Characteristics

The racial distribution in Winnebago County is White (72%); Black/African American (13%); and those identifying as more than one race (8%). Fourteen percent (14%) of the population identifies as Hispanic/Latino ethnicity. Over 85% of households speak English as the primary language, which is a slight decrease from 2013-2017. Spanish is the second-most frequently spoken language at 9.7% which is a slight increase (0.5%).

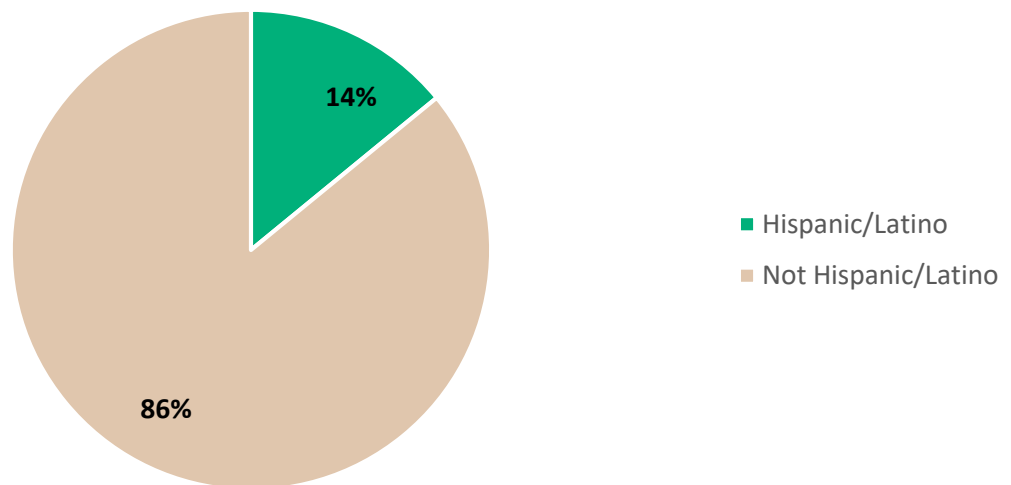
Table 3: Distribution of Total Population by Race: Winnebago County, 2018-2022		
Race	n	%
White alone	204,108	71.72%
Black / African American alone	38,111	13.39%
Asian alone	8,163	2.87%
American Indian and Alaska Native alone	834	0.29%
Native Hawaiian and Other Pacific Islander alone	102	0.04%
Some other race alone	11,553	4.06%
Population of two races	21,720	7.06%
Data Source: U.S. Census Bureau, American Community Survey. 2018-22.		

**Figure 1. Percent Distribution of The Total Population by Race: Winnebago County, 2018-2022**



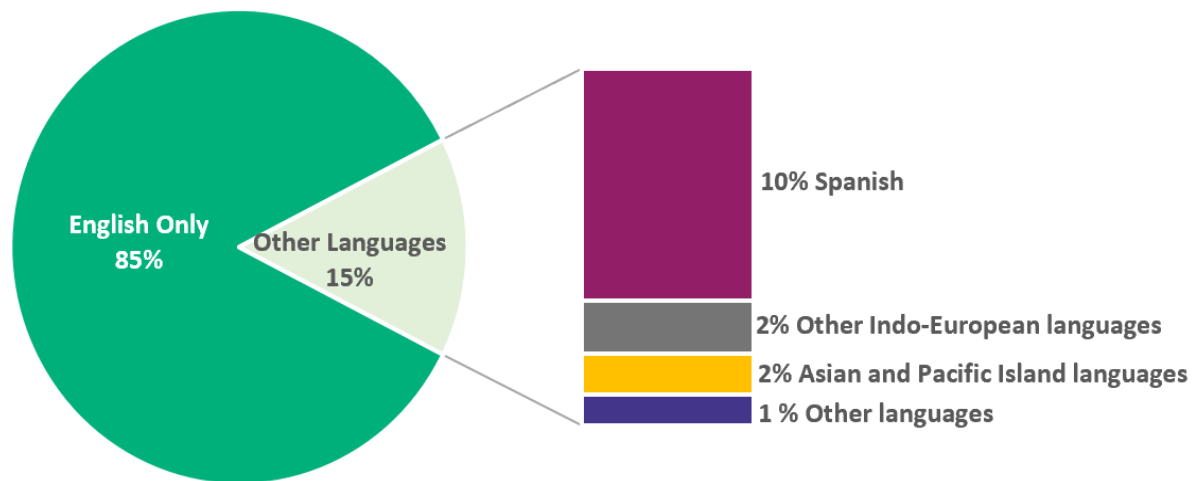
Source: U.S. Census Bureau, 2018-2022: ACS 5-Year Estimates Subject Tables  
 Table: DP05 - ACS Demographic and Housing Estimates  
[\[https://data.census.gov/table/ACSDP1Y2022.DP05?g=050XX00U.S.17201\]](https://data.census.gov/table/ACSDP1Y2022.DP05?g=050XX00U.S.17201)  
 Accessed: [07/08/2024]

**Figure 2. Percent Distribution Of The Total Population By Ethnicity: Winnebago County, 2018-2022**



Source: U.S. Census Bureau, 2018-2022: ACS 5-Year Estimates Subject Tables  
 Table: DP05 - ACS Demographic and Housing Estimates [\[https://data.census.gov/table?g=050XX00U.S.17201\]](https://data.census.gov/table?g=050XX00U.S.17201)  
 Accessed: [07/08/2024]

**Figure 3. Percent Distribution Of The Population By Language Spoken At Home: Winnebago County, 2018-2022**



Source: U.S. Census Bureau, 2018-2022 American Community Survey 5-Year Estimates  
 Table: S1601 LANGUAGE SPOKEN AT HOME  
[\[https://data.census.gov/table?q=s1601+language+spoken+at+home&g=0400000U.S.17\\_0500000U.S.17201&tid=ACST1Y2021.S1601&moe=false\]](https://data.census.gov/table?q=s1601+language+spoken+at+home&g=0400000U.S.17_0500000U.S.17201&tid=ACST1Y2021.S1601&moe=false)  
 Date Accessed: [04/08/2024]

#### iv. Life Expectancy

Life expectancy overall in Winnebago County is 76.2 years as compared to Illinois at 78.6 years. Hispanics/Latinos have a life expectancy of 82.0 years while Black/African American residents in Winnebago County have a six (6) year lower life expectancy (70.5 years) as compared to White residents (76.6 years).

Table 4. Age-Adjusted Life Expectancy <sup>a</sup> by Race/Ethnicity, 3-Year Average: Winnebago County and Illinois, 2018-2020	
Location	Age-Adjusted Average Number of Years
Illinois	78.6
Winnebago County	76.2
Hispanic/Latino	82.0
White	76.6
Black/African American	70.5
Sources: Robert Wood Johnson Foundation (2023). County Health Rankings & Roadmaps. Illinois Rankings Data. <a href="https://www.countyhealthrankings.org/explore-health-rankings/illinois/winnebago?year=2023">[https://www.countyhealthrankings.org/explore-health-rankings/illinois/winnebago?year=2023]</a>	
<sup>a</sup> Average number of years a person can expect to live.	

## v. Quality of Life

In Winnebago County, 16% of all adults report that they would rate their health as being poor or fair, as compared to 12% of adults in Illinois. Additionally, Winnebago County adults indicated that on average they have 3.3 physically unhealthy days in a month and 3.8 mentally unhealthy days. This is slightly higher than adults in Illinois with 2.7 physically unhealthy days and 3.2 mentally unhealthy days reported.

Table 5. Quality Of Life: Winnebago County And Illinois, 2020		
	Winnebago	Illinois
Fair/Poor (Poor or fair health <sup>c</sup> )	16%	12%
Physically Unhealthy Days ( <sup>d</sup> Poor physical health days)	3.3	2.7
Mentally Unhealthy Days ( <sup>e</sup> Poor mental health days)	3.8	3.2
Sources: Robert Wood Johnson Foundation (2023). County Health Rankings & Roadmaps. Illinois Rankings Data. [https://www.countyhealthrankings.org/explore-health-rankings/illinois/winnebago?year=2023]		
<sup>c</sup> Percentage of adults reporting fair or poor health (age-adjusted). The 2023 County Health Rankings used data from 2020 for this measure.		
<sup>d</sup> Average number of physically unhealthy days reported in past 30 days (age-adjusted). The 2023 County Health Rankings used data from 2020 for this measure.		
<sup>e</sup> Average number of mentally unhealthy days reported in past 30 days (age-adjusted). The 2023 County Health Rankings used data from 2020 for this measure.		

Adults in Winnebago County report higher percentages of frequent physical distress (10%) and mental distress (14%) as compared to adults overall in Illinois at 8% and 10% respectively.

Table 6. Frequent Distress: Winnebago County And Illinois, 2020		
	Winnebago	Illinois
Frequent Physical Distress	10%	8%
Frequent Mental Distress	14%	10%
Sources: Robert Wood Johnson Foundation (2023). County Health Rankings & Roadmaps. Illinois Rankings Data. [https://www.countyhealthrankings.org/explore-health-rankings/illinois/winnebago?year=2023]		
<sup>i</sup> Percentage of adults reporting 14 or more days of poor physical health per month. The 2023 County Health Rankings used data from 2020 for this measure.		
<sup>j</sup> Percentage of adults reporting 14 or more days of poor mental health per month. The 2023 County Health Rankings used data from 2020 for this measure.		

## vi. Disability Status

Disability status overall is 14.4% in Winnebago County; in Illinois the percentage is 11.6% (See Supplementary Table 4). The percentage of the population reporting disabilities increases with advancing age: 27.2% of individuals aged 65-74 reported some type of disability, and 45.7% of individuals aged 75 and older reported some type of disability. The most common types of disabilities are ambulatory difficulty, independent living difficulty, and cognitive difficulty. There are similar percentages reported by age throughout Illinois.

## vii. Veteran Status

Veterans represent 6.8% of residents in Winnebago County as compared to 5.2% for Illinois. Approximately 40% of Winnebago County veterans are from the Vietnam era and the majority (91.7%) are male. This representation is similar to Illinois. (See Supplementary Table 6.)

For additional data on Winnebago County demographics, see Supplementary Tables 1 - 5.

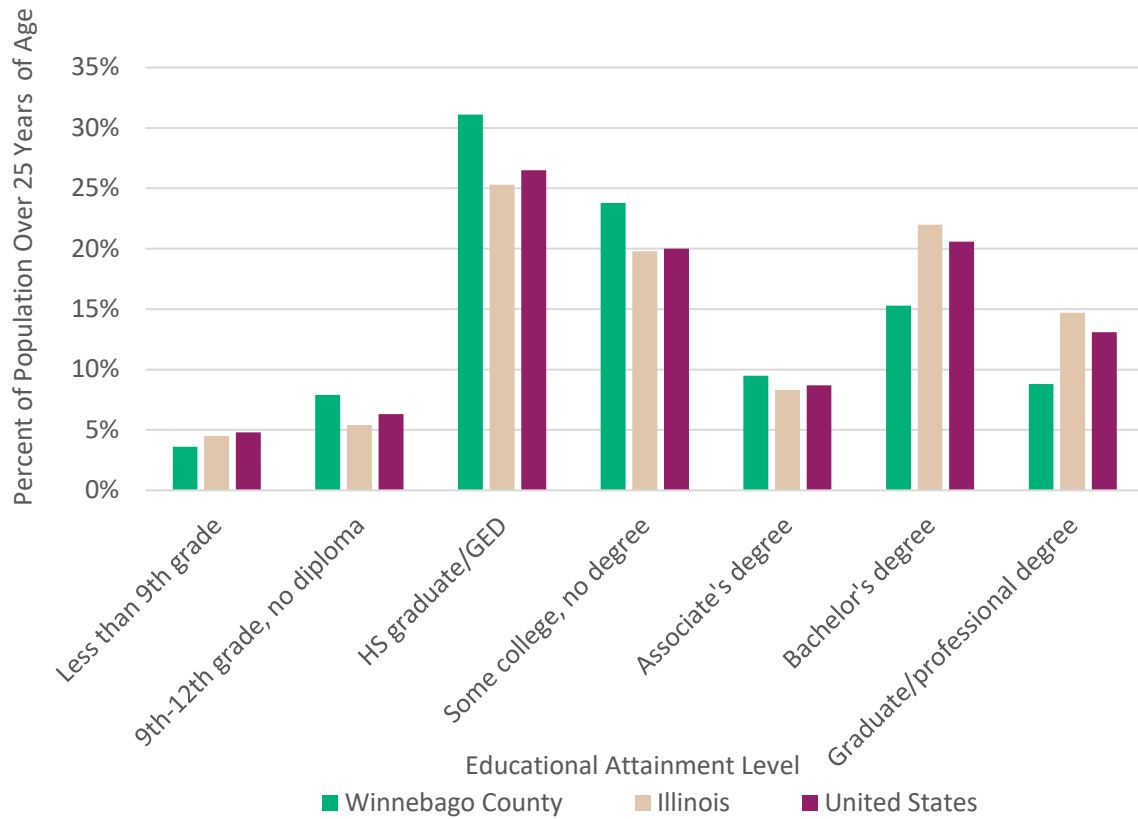
## b. Socioeconomic Factors

Economic Stability and Educational Access and Quality are two (2) of the five (5) domains of the Social Determinants of Health impacting quality of life and health outcomes. Socioeconomic factors discussed in this section include income, employment, and education. Education impacts social and economic opportunities available to individuals as well as the overall economic vibrancy of a community. Disparities across racial and ethnic groups persist in the areas of educational attainment and employment. Higher percentages of Winnebago County residents (16.1%) live below the poverty line when compared to Illinois. While unemployment has declined overall, the disparities by race/ethnicity remain.

### i. Educational Attainment

Graduation rates from high school or GED (General Education Development High School Equivalency) attainment are higher for Winnebago County than Illinois and the U.S. overall; however, a lower percentage of the population in Winnebago County holds a bachelor's or graduate/professional degree as compared to the Illinois and U.S.

**Figure 4. Percent Distribution Of The Population 25 Years And Older By Highest Educational Attainment Level: Winnebago County, Illinois, And U.S., 2018-2022**

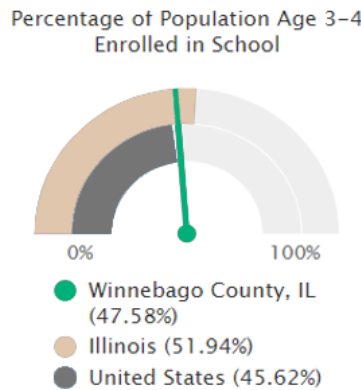


Source: U.S. Census Bureau, 2018-2022 American Community Survey 5-Year Estimates  
 Table: S1501 | EDUCATIONAL ATTAINMENT  
[\[https://data.census.gov/table?q=S1501+EDUCATIONAL+ATTAINMENT&g=0400000US17\\_0500000US17201&tid=ACST5Y2021.S1501&moe=false\]](https://data.census.gov/table?q=S1501+EDUCATIONAL+ATTAINMENT&g=0400000US17_0500000US17201&tid=ACST5Y2021.S1501&moe=false)  
 Date accessed: [04/08/2024]

Just under half of children ages three (3) to four (4) are enrolled in preschool, lower than Illinois, but higher than the United States overall.



**Figure 5a. Percent Distribution Of The Population Age 3 - 4 Enrolled In School: Winnebago County, Illinois, And US, 2018-2022**



Data Source: US Census Bureau, [American Community Survey](#)

From 2013 to 2022, educational attainment among individuals aged 25 and older in Winnebago County showed overall improvement, with declines in individuals who report having less than a high school education and steadily increases in those holding bachelor's and graduate/professional degrees. High school graduates remained the largest group, though their proportion of the population slightly decreased, indicating a shift toward higher education levels. Trends highlight growing educational achievement and a focus on advanced degrees.

**Table 7. Educational Attainment By Year Among Individuals ≥25 Years Of Age, 1-Year Estimate: Winnebago County, 2013-2022**

Year	Less than 9th grade	9th-12th grade, no diploma	HS graduate/ GED	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%
2018	3.8%	7.8%	33.2%	25.0%	8.9%	13.1%	8.3%
2019	4.0%	7.2%	30.5%	23.4%	10.1%	16.0%	8.8%
2020	*	*	*	*	*	*	*
2021	2.7%	8.0%	31.3%	23.4%	9.1%	16.0%	9.5%
2022	2.9%	8.2%	30.6%	22.2%	9.5%	15.9%	10.8%

Source: U.S. Census Bureau, 2013-2021 American Community Survey 1-Year Estimates

[Table: S1501 | EDUCATIONAL ATTAINMENT](#)

[\[https://data.census.gov/table/ACSST1Y2022.S1501?q=s1501.&g=040XX00US17\\_050XX00U.S.17201&moe=false&tid=ACST1Y2021.S1501\]](https://data.census.gov/table/ACSST1Y2022.S1501?q=s1501.&g=040XX00US17_050XX00U.S.17201&moe=false&tid=ACST1Y2021.S1501)

\*The U.S. Census Bureau did not release standard 1-year estimates from the 2020 American Community Survey (ACS) because of the impacts of the COVID-19 pandemic on the data collection.

## Educational Attainment by Race and Ethnicity

Disparities in educational attainment are observed in Winnebago County, with higher percentages of White students graduating from high school (91.3%) as compared to Black/African Americans (84.1%) and those of Hispanic/Latino ethnicity (68.4%). The disparity is greater in the percentage of population with a bachelor's or graduate/professional degree with Whites (26.0%) at almost twice the percentage of Black/African Americans (13.5%); and three times that of those of Hispanic/Latino ethnicity (9.9%).

Table 8. Educational Attainment By Race And Ethnicity, 5-Year Estimate: Winnebago County And Illinois, US, 2018-2022						
Race	High School Graduate/Higher			Bachelor's degree/higher		
	Winnebago County	Illinois	U.S.	Winnebago County	Illinois	U.S.
White	91.3%	93.3%	91.4%	26.0%	39.2%	35.5%
Asian	85.6%	91.1%	87.6%	48.4%	66.6%	55.6%
Black/African American	84.1%	87.9%	87.2%	13.5%	23.9%	23.3%
Native Hawaiian and Other Pacific Islander	70.7%	81.2%	87.0%	22.0%	25.9%	18.2%
American Indian and Alaska Native	65.7%	71.8%	79.7%	10.0%	18.6%	15.5%
Two/more races	76.6%	81.7%	83.1%	14.6%	28.5%	28.7%
Other	62.1%	65.9%	65.0%	12.6%	13.8%	14.0%
Ethnicity						
White alone, Not Hispanic/Latino	92.3%	94.8%	93.5%	26.8%	40.8%	37.3%
Hispanic/Latino (of any race)	68.4%	71.2%	71.2%	9.9%	17.7%	18.4%
Source: U.S. Census Bureau, 2018-2022 American Community Survey 5-Year Estimates						
Table: S1501   EDUCATIONAL ATTAINMENT						
<a href="https://data.census.gov/table?q=S1501+EDUCATIONAL+ATTAINMENT&amp;g=0400000US17_0500000US17201&amp;tid=ACST5Y2021.S1501&amp;moe=false">https://data.census.gov/table?q=S1501+EDUCATIONAL+ATTAINMENT&amp;g=0400000US17_0500000US17201&amp;tid=ACST5Y2021.S1501&amp;moe=false</a>						

## Graduation Rates by School District

The percentage of high school graduates has not changed substantially from 2019-2023. There is a significant disparity in graduation among school districts within Winnebago County, with Rockford SD 205 having less than 70% of students graduating.

Table 9. Graduation Rates <sup>a</sup> Among Suburban/Urban And Rural School Districts: Winnebago County And Illinois, 2019-2023					
School District	2019	2020*	2021	2022	2023
<b>Illinois</b>	86.2%	88.0%	86.8%	87.3%	87.6%
<b>Suburban/Urban</b>					
County of Winnebago SD 320	79.1%	85.5%	88.9%	85.3%	90.0%
Harlem UD 122	83.5%	82.5%	83.1%	81.4%	79.5%
Hononegah CHD 207	92.4%	94.0%	91.8%	87.3%	90.2%
Rockford SD 205	66.4%	66.9%	64.4%	65.6%	68.9%
<b>Rural</b>					
Durand CUSD 322	100.0%	92.2%	91.1%	80.0%	84.4%
Pecatonica CUSD 321	92.2%	89.1%	91.6%	85.2%	81.3%
Winnebago SD 323	90.0%	93.5%	84.9%	91.0%	88.4%
Source: Illinois State Board of Education, School District Report Card [ <a href="https://www.illinoisreportcard.com/SearchResult.aspx?type=COUNTY&amp;SearchText=\$WINNEBAGO\$">https://www.illinoisreportcard.com/SearchResult.aspx?type=COUNTY&amp;SearchText=\$WINNEBAGO\$</a> ]					
<sup>a</sup> The percentage of students who graduated from high school within 4 years.					
*Data may have possibly been affected by the suspension of in-person instruction during the 2019-20 school year. While it was collected in accordance with Illinois State Board of Education (ISBE) data policy and validated through normal procedures, the state environment and policy changes resulting from the suspension of in-person instruction may have possibly affected the results. Please use caution when interpreting results and trends.					

## Low Income Students by School District

In 2023 there were significant disparities in low income students between school districts with Rockford SD 205 reporting the most low-income students in Winnebago County at over 68%. Forty-nine percent (49%) of students in Illinois are identified as low income.

Table 10. Percent Low Income Students <sup>a</sup> Among Suburban/Urban And Rural School Districts In Winnebago County And Illinois, 2019-2023					
School District	2019	2020*	2021	2022	2023
<b>Illinois</b>	48.8%	48.5%	48.1%	46.5%	49.0%
<b>Suburban/Urban</b>					
County of Winnebago SD 320	59.3%	58.0%	68.7%	66.7%	64.5%
Harlem UD 122	56.3%	56.8%	50.3%	56.3%	60.3%
Hononegah CHD 207	19.4%	20.1%	20.8%	22.1%	25.5%
Rockford SD 205	64.0%	64.9%	61.8%	45.2%	68.3%
<b>Rural</b>					
Durand CUSD 322	28.6%	30.6%	29.9%	32.9%	33.9%
Pecatonica CUSD 321	27.2%	26.7%	26.2%	23.3%	25.8%
Winnebago SD 323	1.2%	23.1%	18.0%	17.6%	26.2%
Source: Illinois State Board of Education, School District Report Card <a href="https://www.illinoisreportcard.com/SearchResult.aspx?type=COUNTY&amp;SearchText=\$WINNEBAGO\$">https://www.illinoisreportcard.com/SearchResult.aspx?type=COUNTY&amp;SearchText=\$WINNEBAGO\$</a>					
<sup>a</sup> The percentage of students eligible to receive free/reduced-price lunches, live in substitute care, or whose families receive public aid.					
*Data may have possibly been affected by the suspension of in-person instruction during the 2019-20 school year. While it was collected in accordance with Illinois State Board of Education (ISBE) data policy and validated through normal procedures, the state environment and policy changes resulting from the suspension of in-person instruction may have possibly affected the results. Please use caution when interpreting results and trends.					

## ii. Income and Poverty

### Income

Median Household Income has steadily increased with a slight decrease in 2021 during the COVID-19 pandemic. From 2013 to 2022, Winnebago County experienced a gradual increase in annual median household income from \$46,946 to \$62,011. Despite this growth, the income consistently trailed behind Illinois and U.S. averages, which reached \$76,708 and \$74,755, respectively, by 2022.

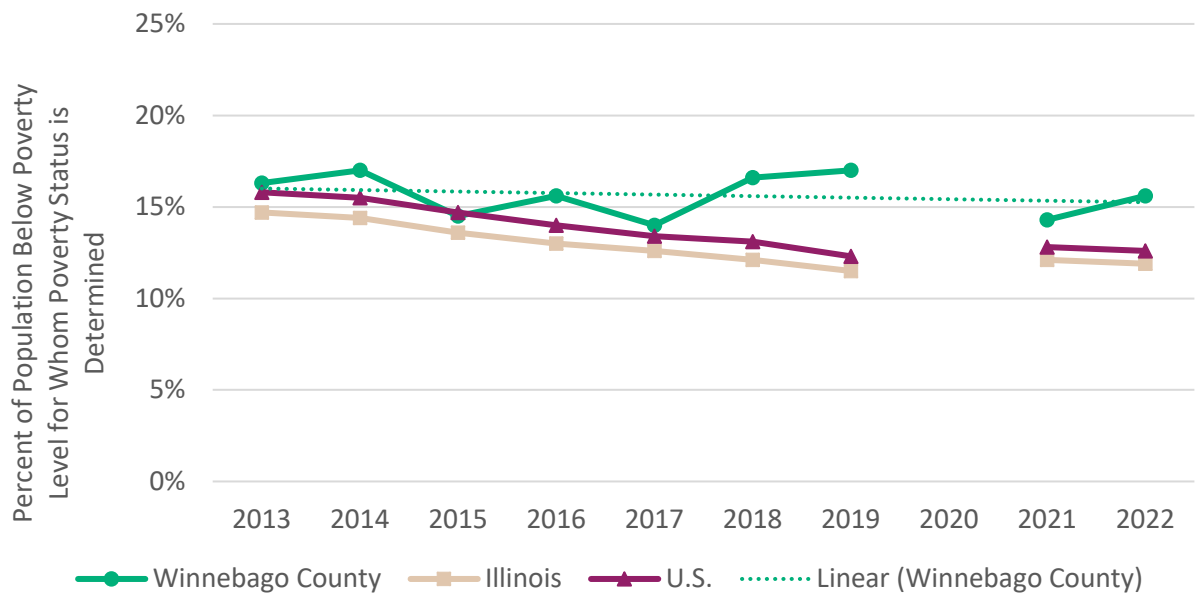
Table 11. Annual Median <sup>a</sup> Household Income <sup>b</sup> , 1-Year Estimate: Winnebago County, Illinois, And US, 2013-2022			
Year	Winnebago County	Illinois	U.S.
2013	\$46,946	\$56,210	\$52,250
2014	\$47,121	\$57,444	\$53,657
2015	\$49,578	\$59,588	\$55,775
2016	\$49,749	\$60,960	\$57,617
2017	\$53,337	\$62,992	\$60,336
2018	\$53,345	\$69,187	\$65,030
2019	\$59,455	\$69,187	\$65,712
2020	*	*	*
2021	\$56,132	\$72,205	\$69,717
2022	\$62,011	\$76,708	\$74,755
Source: U.S. Census Bureau, 2013-2022 American Community Survey 1-Year Estimates			
Table: DP03   SELECTED ECONOMIC CHARACTERISTICS [ <a href="https://data.census.gov/table/ACSDP1Y2022.DP03?q=dp03%20MEDIAN%20HOUSEHOLD%20INCOME&amp;g=010XX00U.S._040XX00US17_050XX00U.S.17201">https://data.census.gov/table/ACSDP1Y2022.DP03?q=dp03%20MEDIAN%20HOUSEHOLD%20INCOME&amp;g=010XX00U.S._040XX00US17_050XX00U.S.17201</a> ]			
<sup>a</sup> 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.			
<sup>b</sup> 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.			
*The U.S. Census Bureau did not release its standard 1-year estimates from the 2020 American Community Survey (ACS) because of the impacts of the COVID-19 pandemic on data collection.			

### Poverty

The U.S. Department of Health and Human Services determines the minimum amount of income a family needs to cover basic necessities like food, clothing, shelter, and transportation as the Federal Poverty Level (FPL). Overall the percent of individuals living below the FPL has been decreasing in Winnebago County from 2013-2022.



**Figure 6. Percent Of Population Below Poverty Level For Whom Poverty Status Is Determined, 1-Year Estimate: Winnebago County, Illinois, U.S., 2013-2022**



Source: U.S. Census Bureau, 2013-2022 American Community Survey 1-Year Estimates

Table: S1701|POVERTY STATUS.U.S. IN THE PAST 12 MONTHS

[[https://data.census.gov/table?q=s1701+poverty+status+in+the+past+12+months&g=0100000U.S.\\_0400000US17\\_0500000U.S.17201&tid=ACST1Y2018.S1701e](https://data.census.gov/table?q=s1701+poverty+status+in+the+past+12+months&g=0100000U.S._0400000US17_0500000U.S.17201&tid=ACST1Y2018.S1701e)] Data accessed: [04/08/2024]

Note\* 1-year estimates were not available in 2020 because of the impacts of the COVID-19 pandemic on data collection.

Poverty status overall is 16.1% in Winnebago County; in Illinois the rate is 11.8%. Disparities by race and ethnicity persist in Winnebago County with higher rates of poverty for the Black/African American population (36.5%) and the Hispanic/Latino population (21.3%) when compared to the White population (21.3%).

The percent of children under 18 years of age in living in poverty is higher in Winnebago County with one-quarter of children living in poverty (25.3%) as compared to 15.6% in Illinois.

## SNAP Benefits

Another indicator of poverty is the percentage of households receiving SNAP (Supplementary Nutrition Assistance Program) benefits. In Winnebago County, almost 1 in 5 households (18.9%) receive SNAP benefits as compared to Illinois (13.0%) and the U.S. (11.5%). SNAP benefits are highest in households where there are no persons over age 60.

**Table 12. Percent Of Households Receiving Food Stamps/SNAP By Select Household Characteristics, 5-Year Estimate: Winnebago County, Illinois, US, 2022**

Characteristics	Winnebago County	Illinois	United States
<b>Total Households Receiving SNAP benefits</b>	18.9%	13.0%	11.5%
With 1/more persons ≥60 years	30.0%	36.7%	37.7%
No persons ≥60 years	70.0%	63.3%	62.3%
<b>Poverty Status</b>			
Below poverty level	45.7%	42.7%	43.7%
At or above poverty level	54.3%	57.3%	56.3%
<b>Disability Status</b>			
With 1/more persons with a disability	41.9%	43.5%	47.1%
No persons with a disability	58.1%	56.5%	52.9%
<b>Household Race</b>			
White alone	56.2%	46.6%	51.6%
Black/African American alone	32.7%	35.0%	26.2%
Asian alone	1.6%	3.5%	3.5%
American Indian and Alaska Native alone	0.2%	0.5%	1.4%
Native Hawaiian and Other Pacific Islander alone	0.1%	0.0%	0.2%
Two or more races	6.5%	7.4%	9.5%
Some other race alone	2.8%	6.9%	7.6%
<b>Household Ethnicity</b>			
White alone, Not Hispanic/Latino	50.6%	41.1%	43.6%
Hispanic/Latino (of any race)	13.7%	17.7%	22.4%
<b>Median Household Income</b>			
Median income (dollars)	\$26,113	\$28,055	\$28,208
<b>Work Status</b>			
No workers in the family in past 12 months	17.0%	17.9%	20.1%
1 worker in the family in past 12 months	51.2%	48.2%	46.7%
2/more workers in the family in past 12 months	31.8%	34.0%	33.2%
Source: U.S. Census Bureau, 2022 American Community Survey 5-Year Estimates <a href="https://data.census.gov/table/ACSST5Y2022.S2201?q=households%20food%20stamps&amp;g=040XX00US17_050XX00US17201_010XX00US&amp;moe=false">https://data.census.gov/table/ACSST5Y2022.S2201?q=households%20food%20stamps&amp;g=040XX00US17_050XX00US17201_010XX00US&amp;moe=false</a>			

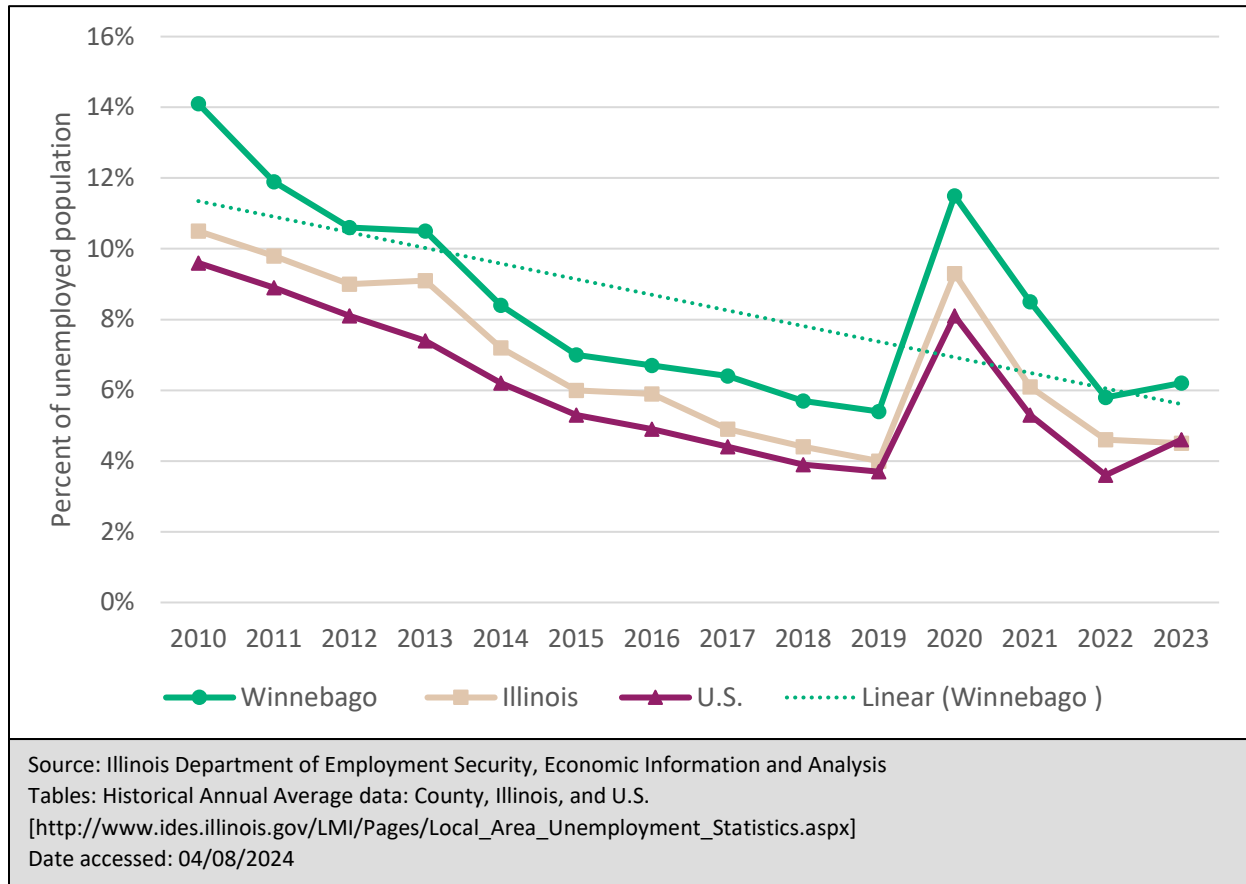
### iii. Employment

#### Unemployment

The average unemployment rate for Winnebago County steadily declined from 2010 until 2020 when the rate sharply increased to 11.5% due to the COVID-19 pandemic. The increase in unemployment

mirrored Illinois (9.3%) and the U.S (8.1%) with a sharp decline in unemployment rates as the economy recovered.

**Figure 7. Annual Average Unemployment Rate: Winnebago County, Illinois, And U.S., 2010-2023**



The average unemployment rate from 2018-2022 is higher in Winnebago County at 7.5% as compared to 5.3% for Illinois. Comparing unemployment rates for 2013-2017 and 2017-2021, the rates in Winnebago County decreased for all racial groups. The rate for Black/African American individuals dropped from 23.9% to 16.8%, while White unemployment fell from 7.8% to 6.3%, narrowing racial disparities. Hispanic/Latino unemployment also decreased from 10.2% to 8.2% (See Supplementary Tables 10 and 10a).



**Table 13. Employment Status Among Those > 16 Years, 5-Year Estimate: Winnebago County, Illinois, And US, 2018-2022**

Employment Status	Winnebago County		Illinois	U.S.
	n	%	%	%
Population ≥16 years	225,789	100%	100.0%	100%
In labor force	140,552	62.2%	65.2%	63.5%
Civilian labor force <sup>a</sup>	140,492	62.2%	65.0%	63.0%
Employed <sup>b</sup>	129,952	57.6%	61.1%	59.6%
Unemployed <sup>c</sup>	10,540	4.7%	3.9%	3.4%
<b>Unemployment Rate<sup>d</sup> (%)</b>		<b>7.5%</b>	<b>6.0%</b>	<b>5.3%</b>
Armed Forces <sup>e</sup>	60	0.0%	0.2%	0.5%
Not in labor force <sup>f</sup>	85,237	37.8%	34.8%	36.5%

Source: U.S. Census Bureau, 2017-2021 American Community Survey 5-Year Estimates

Table: DP03 | SELECTED ECONOMIC CHARACTERISTICS

[https://data.census.gov/table/ACSDP5Y2022.DP03?q=dp03&g=010XX00US\\_040XX00US17\\_050XX00US17201](https://data.census.gov/table/ACSDP5Y2022.DP03?q=dp03&g=010XX00US_040XX00US17_050XX00US17201)

<sup>a</sup>Civilian Labor Force: All civilians ≥ 16 years who were either employed or unemployed.

<sup>b</sup>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.

<sup>c</sup>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 unable to accept a job.

<sup>d</sup>Unemployment Rate: The number of unemployed people as a percentage of the civilian labor force.

<sup>e</sup>Armed Forces: All people 16-65 years who are on active duty in the United States Armed Forces.

<sup>f</sup>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 hours during reference week).

## Employers

Educational services, healthcare, and social assistance; and manufacturing represent the largest industries in Winnebago County (See Supplementary Table 11). The major employers in the Rockford Metropolitan Statistical Area (MSA) are shown in the table below.

Table 14. Major Public And Private Employers In The Rockford MSA: Winnebago County, 2022.		
Company	Industry	Number of Employees January 2022
Rockford Public Schools	Education	4,075
UWHealth (Formerly SwedishAmerican Health System)	Healthcare	3,780
Mercyhealth	Healthcare	3,000
OSF Healthcare	Healthcare	2,200
UPS	Parcel Sorting Hub	2,000
Collins Aerospace (formerly UTC Aerospace Systems, then Rockwell Collins)	Aerospace Manufacturing	2,000
Woodward	Aerospace Manufacturing	2,000
Amazon	Logistics & Distribution	1,535
Wal-Mart Stores	Retail	1,470
Stellantis (Formerly Fiat Chrysler Automobiles)	Automotive	1,459
Winnebago County	Government	1,429
Harlem Consolidated Schools	Education	1,147
Lowe's	Distribution Center, Retail	1,110
City of Rockford	Government	1,102
Belvidere Community Schools	Education	950
Magna	Automotive Parts Manufacturing	816
General Mills/Green Giant	Cereal/Snack Bars	650
Syncreon	Automotive Supplier	600
Taylor Company	Ice Cream Machines	500
Bergstrom, Inc	Manufacturing	450
TH Foods	Food processing	400
Rockford Tool Craft	Manufacturing	358
Siffron	Manufacturing	340
Accuride Wheel End Solutions	Manufacturing	300
GE Aviation	Aerospace Manufacturing	300
Mondelez International	Chewing Gum	280
DFA (formerly Dean Foods)	Food processing	180
Source: Rockford Area Economic Development Council		
Table: Largest Employers in the Rockford MSA [ <a href="https://rockfordil.com/doing-business-here/demographics/employment-data/">https://rockfordil.com/doing-business-here/demographics/employment-data/</a> ]		

#### iv. Housing

##### Occupancy Rate

For the years 2018-2022, Winnebago County had a housing occupancy of 92.1%, comparable to Illinois (91.6%) and the U.S (89.2%). In Winnebago County, 65.7% of units are owner-occupied similar to Illinois



and the U.S. Overall 7.9% of housing units are vacant which is lower than Illinois at 8.4% and the U.S. at 10.8% reflecting a tight housing market.

**Table 15. Housing Occupancy Characteristics, 5-Year Estimate: Winnebago County, Illinois, And US, 2018-2022**

Characteristics	Winnebago County		Illinois	U.S.
	n	%	%	%
Overall: Total Housing Units	125,039	100.0%	100.0%	100.0%
Occupied Units	115,214	92.1%	91.6%	89.2%
Owner-occupied	75,642	65.7%	66.7%	64.8%
Renter-occupied	39,572	34.3%	33.3%	35.2%
Vacant Units	9,825	7.9%	8.4%	10.8%
<b>Vacancy Rate (%)</b>				
Home owner <sup>a</sup>		1.0%	1.3%	1.1%
Rental <sup>b</sup>		6.0%	5.6%	5.5%
Source: U.S. Census Bureau, 2018-2022 American Community Survey 5-Year Estimates				
Table: DP04   SELECTED HOUSING CHARACTERISTICS [ <a href="https://data.census.gov/table?q=DP04:+SELECTED+HOUSING+CHARACTERISTICS&amp;g=0100000US_0400000U.S.17_0500000US17201&amp;tid=ACSDP5Y2021.DP04&amp;moe=false">https://data.census.gov/table?q=DP04:+SELECTED+HOUSING+CHARACTERISTICS&amp;g=0100000US_0400000U.S.17_0500000US17201&amp;tid=ACSDP5Y2021.DP04&amp;moe=false</a> ]				
<sup>a</sup> Home owner 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.				
<sup>b</sup> 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.				
(X) = The estimate or margin of error is not applicable or not available.				

## Home Ownership

The home ownership rate is 67.2% in Winnebago County and 67.1% in Illinois. More than one-quarter of households (27%) in Winnebago County experience severe housing cost burden requiring 30% or more of their income to support housing as compared to 29% for the State.

**Table 16. Home Ownership And Cost Burden: Winnebago County And Illinois, 2021**

	Homeownership		Severe Housing Cost Burden	
	# Homeowners	% Homeowners	# Households with Severe Cost Burden	% Severe Housing Cost Burden
Winnebago County	77,337	67.2%	31,418	27%
Illinois	3,392,312	67.1%	1,445,664	29%
Source: U.S. Census Bureau, 2017-2021 American Community Survey 5-Year Estimates [ <a href="https://data.census.gov/table?g=0400000us17_0500000us17201&amp;y=2021&amp;tid=ACSDP1Y2021.DP04">https://data.census.gov/table?g=0400000us17_0500000us17201&amp;y=2021&amp;tid=ACSDP1Y2021.DP04</a> ]				
Cost burdened households are those that spent more than 30% of the household income on housing payments or rental costs. 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.				

## Evictions

Winnebago County has a significantly higher eviction rate (4.0%) at almost three (3) times the State rate of 1.3%.

**Table 17. Eviction Statistics, 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
# Evictions	1,387.0	28,553	1,497.0	26,609.0	1,460	25,331	949	19,892.5	1,569.5	21,973
Eviction Rates <sup>a</sup>	3.6%	1.8%	3.9%	1.6%	3.7%	1.5%	2.5%	1.2%	4.0%	1.3%
# Eviction Filings	2,000	60,000	2,100	57,800	2,000	54,700	1,400	44,900	2,000	44,800
Eviction Filing Rates <sup>b</sup>	5.2%	3.7%	5.4%	3.6%	5.2%	3.3%	3.6%	2.7%	5.2%	2.7%

Source: Eviction Lab. Winnebago County, Illinois. Princeton University.

[<https://evictionlab.org/map/?m=raw&c=p&b=efr&s=all&r=states&y=2018&z=6.07&lat=39.80&lon=-89.50&lang=en&l=17201 -89.17 42.33%7E17 -89.50 39.74>]

<sup>a</sup> Eviction rates = number of evictions per 100 renter homes

<sup>b</sup> Eviction filing rates = number of eviction filings per 100 renter homes

## Housing Characteristics

From 2017-2021, the average household size in Winnebago County was 2.52 for homeowners and 2.29 for renters. The most common housing units were detached single unit structures. The most common heating fuel was utility gas, followed by electricity and bottled gas such as propane/butane.

Table 18. Housing Characteristics, Winnebago County And Illinois, 2017-2021		
	Winnebago County	Illinois
<b>Housing Occupancy</b>		
Occupied Housing Units	115,240	4,930,255
Vacant Housing Units	9,871	482,740
Homeowner Vacancy Rate	1.1	1.5
Rental Vacancy Rate	6.2	6.0
<b>Housing Tenure</b>		
Owner-Occupied	75,859	3,279,322
Average Household Size	2.52	2.68
Renter-Occupied	39,381	1,650,933
Average Household Size	2.29	2.28
<b>Units in Structure</b>		
1 Unit, Detached	87,162	3,168,519
1 Unit, Attached	5,338	317,727
2 Units	7,557	301,830
3-4 Units	8,574	346,560
5-9 Units	4,867	342,711
10-19 Units	3,079	209,656
20 + Units	6,796	597,726
Mobile Home	1,738	126,306
Boat, RV, Van, etc.	0	1,960
<b>House Heating Fuel</b>		
Utility Gas	96,209	3,778,596
Bottled, Tank, or LP Gas	2,378	204,950
Electricity	14,959	858,947
Fuel Oil, Kerosene, etc.	46	6,231
Coal or Coke	13	898
Wood	286	18,537
Solar Energy	48	1,655
Other Fuel	403	24,971
No Fuel Used	898	35,470
Source: U.S. Census Bureau, 2017-2021 American Community Survey 5-Year Estimates [https://data.census.gov/table?g=0400000us17_0500000us17201&y=2021&tid=ACSDP1Y2021.DP04]		

See Supplementary Tables 6 - 13 for additional data on socioeconomic factors.

### c. Health Resources

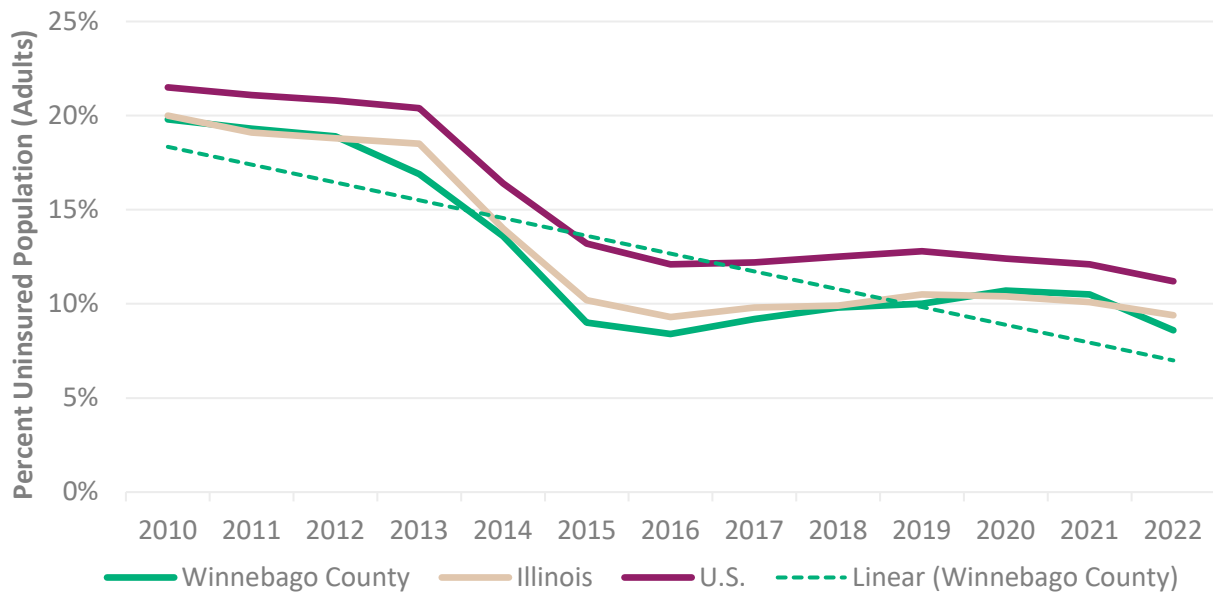
This section represents factors associated with health system capacity including the number of health care providers and health care access including access to insurance. This section also looks at health care utilization.

## i. Insurance

### Adult Insurance Rate

Overall, the percent of uninsured adults decreased between 2013 and 2015 and has since leveled out at 8.6% for Winnebago County, 9.4% for Illinois and 11.2% for the U.S.

**Figure 8. Percent Of Uninsured Adults<sup>a</sup>: Winnebago County, Illinois, And U.S., 2010-2022**



Source: U.S. Census Bureau, Small Area Health Insurance Estimates (SAHIE) 2010-2022

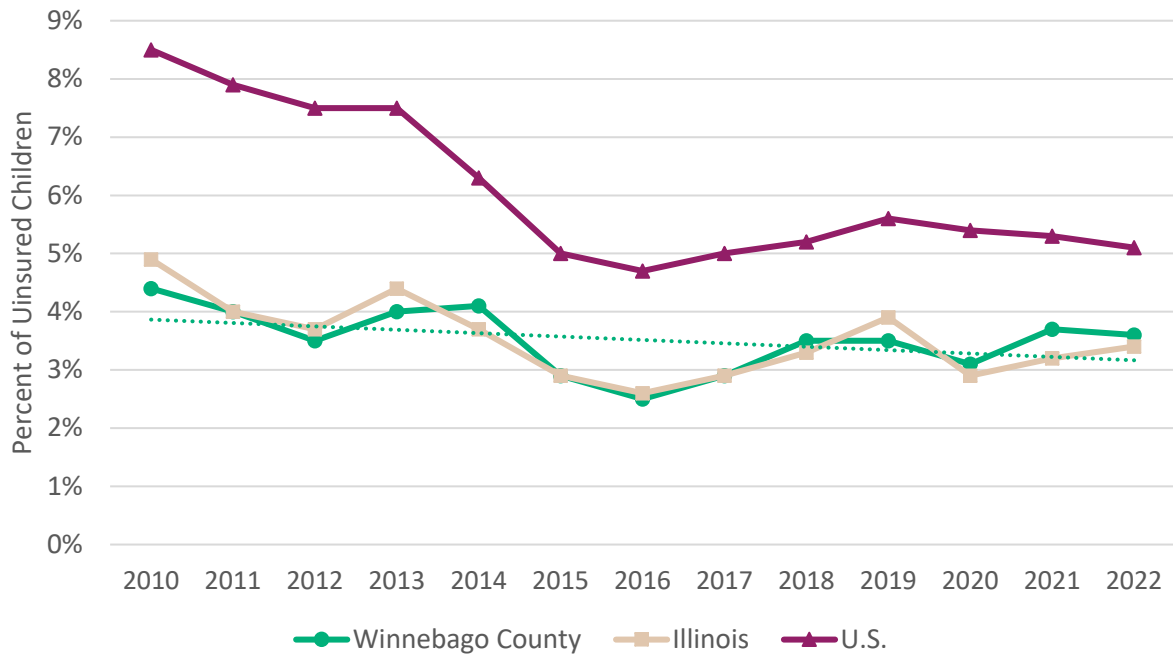
Table: Percent Uninsured [[https://www.census.gov/data-tools/demo/sahie/#/?AGECAT=1&s\\_searchtype=sc&state\\_county=17000,17201](https://www.census.gov/data-tools/demo/sahie/#/?AGECAT=1&s_searchtype=sc&state_county=17000,17201)]

<sup>a</sup>Adults 18-64

### Child Insurance Rate

The percent of uninsured children is below the percent of uninsured adults in Winnebago County, Illinois, and the U.S. While overall the percent of uninsured children has declined from 2010, there was an increase between 2016 – 2022. The rates are relatively similar in Winnebago County and Illinois which are lower than the overall rates in the U.S. reflecting state differences in Medicaid. In 2022 the rates in Winnebago County were 3.6%, 3.4% in Illinois and 5.1% in the U.S.

**Figure 9. Percent of Uninsured Children<sup>a</sup>: Winnebago County, Illinois, and U.S., 2010-2022**



Source: U.S. Census Bureau, Small Area Health Insurance Estimates (SAHIE) 2010-2022

Table: Percent Uninsured [[https://www.census.gov/data-tools/demo/sahie/#/?AGECAT=1&s\\_searchtype=sc&state\\_county=17000,17201](https://www.census.gov/data-tools/demo/sahie/#/?AGECAT=1&s_searchtype=sc&state_county=17000,17201)]

<sup>a</sup>Children Under 19 years

## Insurance Rate by Demographic

In Winnebago County, males, American Indian and Alaska Native, and individuals aged 19-34 years old are more likely to be uninsured. White individuals are the group that is most likely to be insured. Uninsured individuals were also more likely to be unemployed.

Table 19. Percent Of Uninsured Population Among Demographic Subgroups, 5-Year Estimate: Winnebago County, Illinois, And US, 2018-2022				
Characteristics	Winnebago County		Illinois	U.S.
	N	%	%	%
Uninsured civilian noninstitutionalized population	18,156	6.4%	7.0%	8.7%
Male	10,605	7.7%	8.0%	9.7%
Female	7,551	5.3%	6.1%	7.7%
<6 years	685	3.3%	2.8%	4.4%
6 to 18 years	1,628	3.3%	3.6%	5.7%
19 to 25 years	2,839	11.9%	11.4%	14.1%
26 to 34 years	3,767	11.7%	12.2%	15.2%
35 to 44 years	3,319	9.9%	11.0%	13.1%
45 to 54 years	3,357	9.6%	9.4%	11.0%

55 to 64 years	2,275	6.0%	6.9%	8.2%
65 to 74 years	255	0.9%	1.1%	1.0%
≥75 years	31	0.2%	0.5%	0.5%
<b>Race</b>				
American Indian and Alaska Native	174	21.1%	15.0%	19.3%
Native Hawaiian and Other Pacific Islander	10	9.8%	17.4%	11.5%
Asian	766	9.4%	6.8%	6.1%
Black/African American	2,544	6.8%	8.1%	9.8%
White	10,883	5.4%	5.1%	7.0 %
Two/more races	1,584	7.4%	10.8%	12.6%
Other	2,195	19.0%	18.6%	19.8%
<b>Ethnicity</b>				
Hispanic/Latino	5,251	13.2%	15.5%	17.6%
White alone, Not Hispanic/Latino	9,330	5.0%	4.3%	5.9%
<b>Disability Status</b>				
With a disability	1,521	3.8%	4.3%	5.6%
No disability	16,635	6.9%	7.4%	9.1%
<b>Educational Attainment (among those ≥26 years)</b>				
Civilian noninstitutionalized population ≥26 years	13,004	6.9%	7.7%	9.1%
Less than HS graduate	3,058	14.3%	19.8%	21.6%
HS graduate/GED	4,808	8.3%	10.4%	12.1%
Some college/Associate's degree	3,540	5.6%	6.6%	8.2%
Bachelor's degree/higher	1,598	3.5%	3.6%	3.8%
<b>Employment Status (among those 19 to 64 years)</b>				
Civilian noninstitutionalized population 19-64 years	15,557	9.6%	10.1%	12.2%
In labor force	11,773	9.2%	9.4%	11.5%
Employed	10,275	8.7%	8.7%	10.7%
Unemployed	1,498	16.1%	20.8%	25.8%
Not in labor force	3,784	11.0%	12.9%	14.8%
<b>Household Income (among total household population)</b>				
Total household population	18,026	6.4%	7.0%	8.7%
<\$25,000	3,715	9.1%	10.0%	12.8%
\$25,000 to \$49,999	4,635	8.8%	11.2%	13.2%
\$50,000 to \$74,999	3,708	7.4%	9.7%	11.5%
\$75,000 to \$99,999	2,536	6.6%	7.7%	9.2%
≥\$100,000	3,432	3.5%	4.1%	5.1%
Source: U.S. Census Bureau, 2018-2022 American Community Survey 5-Year Estimates				
Table: S2701   SELECTED CHARACTERISTICS OF HEALTH INSURANCE COVERAGE IN THE UNITED STATES				
[ <a href="https://data.census.gov/table/ACSST5Y2022.S2701?q=s2701&amp;g=040XX00US17_050XX00US17201_010XX00US&amp;moe=false">https://data.census.gov/table/ACSST5Y2022.S2701?q=s2701&amp;g=040XX00US17_050XX00US17201_010XX00US&amp;moe=false</a> ]				



## Medicare Enrollment

Among individuals enrolled in Medicare, the percent enrolled in Medicare Advantage and Other Plans approved by Medicare has been increasing, consistent with state and national trends with 54% enrolled in Winnebago County, 41% in Illinois, and 48% in the U.S.

Table 20. Hospital/Medical Medicare Enrollment Trends By Plan <sup>a</sup> And Year Winnebago County, Illinois, And US, 2018-2023						
	Winnebago County		Illinois		U.S.	
Year	Original Medicare <sup>b</sup>	MA & Other <sup>c</sup>	Original Medicare <sup>b</sup>	MA & Other <sup>c</sup>	Original Medicare <sup>b</sup>	MA & Other <sup>c</sup>
2018	65.7%	34.3%	74.5%	25.5%	64.5%	35.5%
2019	63.2%	36.8%	72.7%	27.3%	62.7%	37.3%
2020	59.1%	40.9%	69.8%	30.2%	60.1%	39.9%
2021	54.5%	45.5%	65.9%	34.1%	56.9%	43.1%
2022	48.7%	51.3%	62.1%	37.9%	54.2%	45.8%
2023	46.2%	53.8%	59.4%	40.6%	51.7%	48.3%
Source: Centers for Medicare & Medicaid Services						
Table: Medicare Enrollment Dashboard [ <a href="https://data.cms.gov/summary-statistics-on-beneficiary-enrollment/medicare-and-medicare-reports/medicare-monthly-enrollment/data">https://data.cms.gov/summary-statistics-on-beneficiary-enrollment/medicare-and-medicare-reports/medicare-monthly-enrollment/data</a> ]						
<sup>a</sup> Percent distribution of hospital/medical enrollment by health care delivery: Original Medicare and Medicare Advantage (MA)/Other Health Plans						
<sup>b</sup> Original Medicare: Medicare's traditional health care system/fee-for-service						
<sup>c</sup> Medicare Advantage and Other Health Plans: Health plans offered by private companies approved by Medicare to provide hospital and medical coverage						

## ii. Access to Care

There are relatively fewer Primary Care Physicians per 100,000 population (70) as compared to Illinois (79) and the U.S. (75). While the rate for Dentists in Winnebago County is higher at 82 than the U.S. at 74, it was lower than Illinois at 84. A larger disparity is seen in the rate of Mental Health Providers with Winnebago County at 270 and the state of Illinois and U.S. at 313 per 100,000.

Table 21. Access to Care, Clinician Rate <sup>a</sup> Per 100,000 Population, Winnebago, Illinois, US, 2022-2024									
	Winnebago County			Illinois			U.S.		
Clinician	2022	2023	2024	2022	2023	2024	2022	2023	2024
Dentist	85	85	85	82	83	84	71	72	74
Primary Care Physician	75	74	70	81	81	79	76	76	75
Mental Health Providers	213	217	222	270	294	313	286	294	313
Source: Robert Wood Johnson Foundation. University of Wisconsin Population Health Institute. County Health Rankings & Roadmaps 2024. [ <a href="https://www.countyhealthrankings.org/app/illinois/2024/rankings/winnebago/county/outcomes/overall/snapshot">https://www.countyhealthrankings.org/app/illinois/2024/rankings/winnebago/county/outcomes/overall/snapshot</a> ]									
<sup>a</sup> Rate was calculated using ratio of population to clinicians									

## Access to Care by Payor Source

Medicare was the most common payor source for inpatient care in the three healthcare systems in Winnebago County. UWHealth Northern Illinois/Swedish American Hospital saw the largest proportion of Medicaid patients in the inpatient setting (32.9%) while Mercyhealth/Javon Bea Hospital (54.3%) saw the highest number of Medicaid patients in the outpatient setting.

Table 22. Inpatients And Outpatients Served By Payor Source And By Hospital: Winnebago County, 2022								
	Javon Bea Hospital- Riverside Blvd Campus		Javon Bea Hospital- Rockton Ave Campus		OSF Saint Anthony Medical Center		SwedishAmerican Hospital	
Insurance Type	Inpatient	Outpatient	Inpatient	Outpatient	Inpatient	Outpatient	Inpatient	Outpatient
Medicaid	27.7%	25.3%	1.5%	54.3%	13.8%	18.8%	32.9%	25.2%
Medicare	28.1%	27.7%	1.6%	18.8%	65.0%	51.8%	42.0%	38.0%
Other Public Financing	15.5%	21.0%	0.0%	0.0%	2.0%	0.9%	2.2%	1.2%
Private Insurance	25.4%	23.1%	0.9%	16.8%	17.7%	26.9%	19.8%	32.3%
Private Pay	1.6%	2.2%	0.0%	2.2%	0.3%	0.7%	0.2%	0.9%
Charity Care	1.8%	0.7%	96.0%	8.0%	1.1%	0.9%	2.9%	2.5%
Source: Illinois Hospital Report Card [ <a href="https://healthcarereportcard.illinois.gov/county/Winnebago">https://healthcarereportcard.illinois.gov/county/Winnebago</a> ]								

## Authorized Beds

The number of authorized beds by type and total for each hospital are shown in the table below. With the closure of the Javon Bea Hospital Rockton Avenue, the number of authorized beds decreased in Winnebago County.

**Table 23. Authorized Beds By Category Of Service And Hospital: Winnebago County, 2023**

Category of Service	Javon Bea Hospital-Riverside Blvd Campus	Javon Bea Hospital-Rockton Ave Campus	OSF Saint Anthony Medical Center	SwedishAmerican Hospital
Medical-Surgical Beds	84	0	190	199
Intensive Care Beds	26	4	38	30
Pediatric Beds	12	0	0	10
OB/Gynecology Beds	20	0	13	34
Long-Term Care Beds	0	17	0	0
Neonatal ICU Beds	52	0	0	32
Rehabilitation Beds	0	0	0	0
Acute Mental Illness Beds	0	0	0	42
Long-Term Acute Care Beds	0	0	0	0
<b>Total Beds</b>	<b>194</b>	<b>21</b>	<b>241</b>	<b>347</b>
Source: <a href="https://hfsrb.illinois.gov/content/dam/soi/en/web/hfsrb/documents/inventories-data/facility-profiles/hospital-facility-profiles-(new)/2023-individual-hospital-profiles.pdf">https://hfsrb.illinois.gov/content/dam/soi/en/web/hfsrb/documents/inventories-data/facility-profiles/hospital-facility-profiles-(new)/2023-individual-hospital-profiles.pdf</a>				

## Preventable Hospitalizations

There were 3,264 preventable hospital stays per 100,000 Medicare enrollees in Winnebago County, 3,327 in Illinois, and 2,681 in the United States.

**Table 24. Rate Of Preventable Hospital Stays For Preventable Conditions<sup>a</sup> Per 100,000 Medicare Enrollees: Winnebago County, Illinois, And US, 2016-2021**

Year	Winnebago County	Illinois	United States
2016	5121	4980	*
2017	5152	5092	4535
2018	4700	4913	4236
2019	4406	4447	3767
2020	3153	3310	2809
2021	3264	3327	2681
Source: Robert Wood Johnson Foundation (2019-2024). County Health Rankings & Roadmaps. Illinois Rankings Data. [ <a href="https://www.countyhealthrankings.org/explore-health-rankings/rankings-data-documentation">https://www.countyhealthrankings.org/explore-health-rankings/rankings-data-documentation</a> ]			
<sup>a</sup> Preventable Conditions include: diabetes with short or 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.			
<sup>b</sup> Beneficiaries 18 years/older continuously enrolled in Medicare fee-for-service Part A			

## Preventable Hospitalizations by Demographic

Significant disparities exist in preventable hospital stays by race/ethnicity in Winnebago County. Black/African Americans have 2.3 times the rate of preventable hospital stays as compared to Whites and those of Hispanic/Latino ethnicity have 1.6 times the rate as White individuals.

Table 25. Rate Of Preventable Hospital Stays For Preventable Conditions <sup>a</sup> Per 100,000 Medicare Enrollees By Race/Ethnicity: Winnebago County, 2021	
Race/Ethnicity	Winnebago County
Black/African American	6954
Hispanic/Latino	4741
White	2970
Asian	1748
Source: Robert Wood Johnson Foundation. (2019-2024). County Health Rankings & Roadmaps. Illinois Rankings Data. [https://www.countyhealthrankings.org/explore-health-rankings/rankings-data-documentation]	
<sup>a</sup> Preventable conditions include: diabetes with short or 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.	
<sup>b</sup> Beneficiaries 18 years/older continuously enrolled in Medicare fee-for-service Part A	

### iii. Health Care Utilization

In Winnebago County, 31% of individuals have either not had a routine checkup in more than one (1) year or have never had a routine checkup compared to Illinois at 23.5%. Being unable to afford a doctor was cited as a concern for 9% of individuals in Winnebago County and 13.3% of individuals in Illinois.

Table 26. Health Care Utilization Prevalence Data: Winnebago County, And Illinois, 2015-2019			
Characteristics	Winnebago County		Illinois
	n	%	%
<b>Last Routine Checkup<sup>a</sup></b>			
Overall	217,951	100%	100.0%
1 Year/Less	150,712	69%	76.5%
More than 1 Year/Never	66,879	31%	23.5%
<b>12 Months: Need to See Doctor But Could Not Due To Cost<sup>b</sup></b>			
Overall	217,951	100%	100.0%
Yes	18,744	9%	13.3%
No	198,847	91%	86.7%
Source: Illinois Department of Public Health (IDPH) Health Statistics. Illinois County Behavioral Risk Factor Surveys and Winnebago County, Round 6 (2015-2019)			
Table: Winnebago [http://www.idph.state.il.us/brfss/countydata.asp?selTopicCounty=HealthCare&areaCounty=Winn_102&show=freq&yrCounty=6&form=count y&yr=&area=&selTopic=] Data accessed: [09/04/2024]			
Illinois-[http://www.idph.state.il.us/brfss/statedata.asp?selTopic=HC&area=il&yr=2019&form=strata&show=freq] Data accessed: [09/04/2024]			
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.			
<sup>a</sup> Length of time since last routine checkup.			
<sup>b</sup> 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.			

## Cancer Screening

For cervical cancer screening (pap), residents were less likely to be screened in Winnebago County as compared to Illinois and the U.S.

Table 27. Cancer Screening And Risk Factors: Winnebago County, Illinois, And U.S., 2022				
Screening and Risk Factor Variables	Winnebago County <sup>a</sup>	Illinois <sup>b</sup>	U.S.	
Pap Smear in Past 3 Years, No Hysterectomy				
Ages 18+	67.5%	72.1%	77.7%	
Mammogram in Past 2 Years				
Ages 40+	69.5%	65.9%	76.3%	
Had Colonoscopy in Past 10 Years				
Ages 50-75	63.7%	*	*	
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: [09/05/2024].				
<sup>a</sup> 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 under coverage bias. Modeled estimates also pool data from 2008-2010.				
<sup>b</sup> 2016 BRFSS Survey Data is used for this measure. A direct estimate is from data collected in one year.				
*Data not available				

## Mammography

Among female Medicare enrollees aged 65-74 years, 43% received an annual mammography screening in Winnebago County, Illinois and the United States. The current screening recommendation for this age group is every two years.

Table 28. Percentage Of Female Medicare Enrollees <sup>a</sup> Receiving Annual <sup>b</sup> Mammography Screening: Winnebago County, Illinois, And US, 2017-2021			
Year	Winnebago County	Illinois	U.S.
2017	44%	43%	42%
2018	42%	43%	42%
2019	43%	44%	43%
2020	37%	37%	37%
2021	43%	43%	43%
Source: Robert Wood Johnson Foundation. University of Wisconsin Population Health Institute. County Health Rankings & Roadmaps 2024. [https://www.countyhealthrankings.org/app/illinois/2024/rankings/winnebago/county/outcomes/overall/snapshot]			
<sup>a</sup> Female beneficiaries, 65-74 years, enrolled in Medicare fee-for-service Part B for at least one month of the selected year.			
<sup>b</sup> May be an underestimate, as the current screening recommendation for this age group is every two years.			

## Mammography by Demographic

Disparities based on race/ethnicity for mammography rates in Medicare enrollees exist in Winnebago County with Hispanic/Latino (29%) and Asian (28%) enrollees less likely to have received mammography

screening as compared to White enrollees (44%). The disparity was less between Black/African American (37%) and White (44%) women.

The current screening recommendation for this age group is every two years.

Table 29. Percentage Of Female Medicare Enrollees <sup>a</sup> Receiving Annual <sup>b</sup> Mammography Screening By Race/Ethnicity: Winnebago County, 2021	
Race/Ethnicity	Winnebago County
White	44%
Black/African American	37%
Hispanic	29%
Asian	28%
Source: Robert Wood Johnson Foundation. University of Wisconsin Population Health Institute. County Health Rankings & Roadmaps 2024. [ <a href="https://www.countyhealthrankings.org/app/illinois/2024/rankings/winnebago/county/outcomes/overall/snapshot">https://www.countyhealthrankings.org/app/illinois/2024/rankings/winnebago/county/outcomes/overall/snapshot</a> ]	
<sup>a</sup> Female beneficiaries, 65-74 years, enrolled in Medicare fee-for-service Part B for at least one month of the selected year.	
<sup>b</sup> May be an underestimate, as the current screening recommendation for this age group is every two years.	

## Flu Vaccination

Among Medicare enrollees, Winnebago County had higher vaccination rates against seasonal flu as compared to Illinois and the U.S. over the four (4) year period from 2018-2021.

Table 30. Percentage Of Fee-For-Service Medicare Enrollees <sup>a</sup> Receiving Annual Flu Vaccination: Winnebago County, Illinois, And US, 2018-2021			
Year	Winnebago County	Illinois	U.S.
2018	51%	49%	48%
2019	50%	49%	48%
2020	54%	53%	51%
2021	50%	49%	46%
Source: Robert Wood Johnson Foundation. University of Wisconsin Population Health Institute. County Health Rankings & Roadmaps 2024. [ <a href="https://www.countyhealthrankings.org/app/illinois/2024/rankings/winnebago/county/outcomes/overall/snapshot">https://www.countyhealthrankings.org/app/illinois/2024/rankings/winnebago/county/outcomes/overall/snapshot</a> ]			
<sup>a</sup> Beneficiaries enrolled in fee-for-service Part B for at least one month of the selected year.			

## Flu Vaccination by Demographic

While flu vaccination percentages overall in Winnebago County are higher than state and nation, disparities based on race/ethnicity exist with the highest rates of vaccination among White (51%) as compared to Asians (46%), Hispanics/Latinos (37%) and Black/African Americans (34%). Whites were vaccinated at 1.5 times the rate of Black/African Americans.

Table 31. Percentage Of Fee-For-Service Medicare Enrollees <sup>a</sup> Receiving Annual Flu Vaccination: Winnebago County, Illinois, and US, 2021	
Race/Ethnicity	Winnebago County
White	44%
Black/African American	37%
Hispanic/Latino	29%
Asian	28%
Source: Robert Wood Johnson Foundation. University of Wisconsin Population Health Institute. County Health Rankings & Roadmaps 2024. [https://www.countyhealthrankings.org/app/illinois/2024/rankings/winnebago/county/outcomes/overall/snapshot]	
<sup>a</sup> Beneficiaries enrolled in fee-for-service Part B for at least one month of the selected year.	

### Oral Health Access

The length of time since the last dental visit is under one (1) year for 73.5% of individuals in Winnebago County; higher than the percentage of individuals in Illinois at 68.1%. Winnebago County residents who had gone more than two (2) years or never had a dental visit (16.2%) was lower than the state of Illinois at 19.8%.

Table 32. Oral Health Prevalence Data: Winnebago County And Illinois, 2015-2019				
Characteristics	Winnebago County		Illinois	
	n	Column %	N	Column %
<b>Last Dental Visit<sup>a</sup></b>				
Overall	217,396	100.0%	9,856,413	100.0%
≤1 Year	159,842	73.5%	6,708,175	68.1%
1-2 Years	22,280	10.2%	1,190,683	12.1%
>2 Years/Never	35,274	16.2%	1,957,555	19.8%
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=Dental&areaCounty=Winn_102&show=freq&yrCounty=6&form=county&yr=&area=&selTopic=]. Date Accessed: [09/06/2024].				
Illinois - [http://www.idph.state.il.us/brfss/statedata.asp?selTopic=ORAL&area=il&yr=2018&form=strata&show=freq]. Date Accessed: [09/06/2024].				
Note: Survey conducted among adults ≥ 18 years. 'N' represents weighted/adjusted response counts to each question.				
<sup>a</sup> Length of time since last dental visit for any reason.				

See Supplementary Tables 14 - 16 for additional data on healthcare resources.

## d. Environmental

The neighborhoods in which individuals live, work, and play can have a major impact on their health. Neighborhood factors include housing quality, access to green space, environmental quality including air and water, crime rates, social cohesion, safety, access to healthy food options, and the built environment.

The physical environment of Winnebago County includes additional challenges from contaminations that may impact health including U.S. designated Brownfields and Superfund sites; water with volatile organic compounds (VOCs) and PFAS (per- and polyfluoroalkyl chemicals); and air particulate matter at less than 2.5 ppm. Run-off from agricultural sites using nitrogen-based fertilizer are also considerations as Winnebago



County is reliant on ground water as its source. Additionally, the age of housing stock in some areas of Winnebago County reflect contamination with lead-based paint and water pipes.

## i. Land Use and Land Cover

Land used for the livestock grazing or the production of seed or hay crops comprises 7.2% of Winnebago County. Areas used for production of cultivated crops such as corn, soybeans, and other vegetables comprise 50.7% of all land in Winnebago County.

Open space, which comprises of areas including parks and golf courses, comprises 6.5% of all land in Winnebago. Low and Medium Intensity Land, which is generally comprised of single-family homes, comprises 18.0% of all land in Winnebago. High Intensity Land, which generally comprise of apartment complexes or commercial areas, comprises 2.4% of all land in Winnebago. Forests cover 9.0% of all land in Winnebago County with Deciduous Forests being the most common. Open Water covers 1.3% of all land in Winnebago County.

Overall Winnebago County land is mostly used for agriculture, urban development, and moderate to green and recreational spaces.

Table 33. Community Land Use And Land Cover Characteristics: Winnebago County, 2021	
Characteristics	Winnebago
<b>Land Use: Agriculture<sup>a</sup></b>	
Pasture/Hay <sup>b</sup>	7.2%
Cultivated Crops <sup>c</sup>	50.7%
<b>Land Use: Development<sup>d</sup></b>	
Open Space <sup>e</sup>	6.5%
Low Intensity <sup>f</sup>	11.7%
Medium Intensity <sup>g</sup>	6.3%
High Intensity <sup>h</sup>	2.4%
<b>Land Cover: Forest<sup>i</sup></b>	
Deciduous	8.0%
Evergreen <sup>k</sup>	0.3%
Mixed <sup>l</sup>	0.7%
<b>Land Cover: Water<sup>m</sup></b>	
Open Water <sup>n</sup>	1.3%
Perennial Ice/Snow <sup>o</sup>	0.0%
<b>Land Cover: Developed Imperviousness<sup>p</sup></b>	
Average %	10.8%
Source: Centers for Disease Control and Prevention. National Environmental Public Health Tracking Network. <a href="https://ephtracking.cdc.gov/DataExplorer/#/">https://ephtracking.cdc.gov/DataExplorer/#/</a>	
<sup>a</sup> Percentage of area covered by agriculture.	



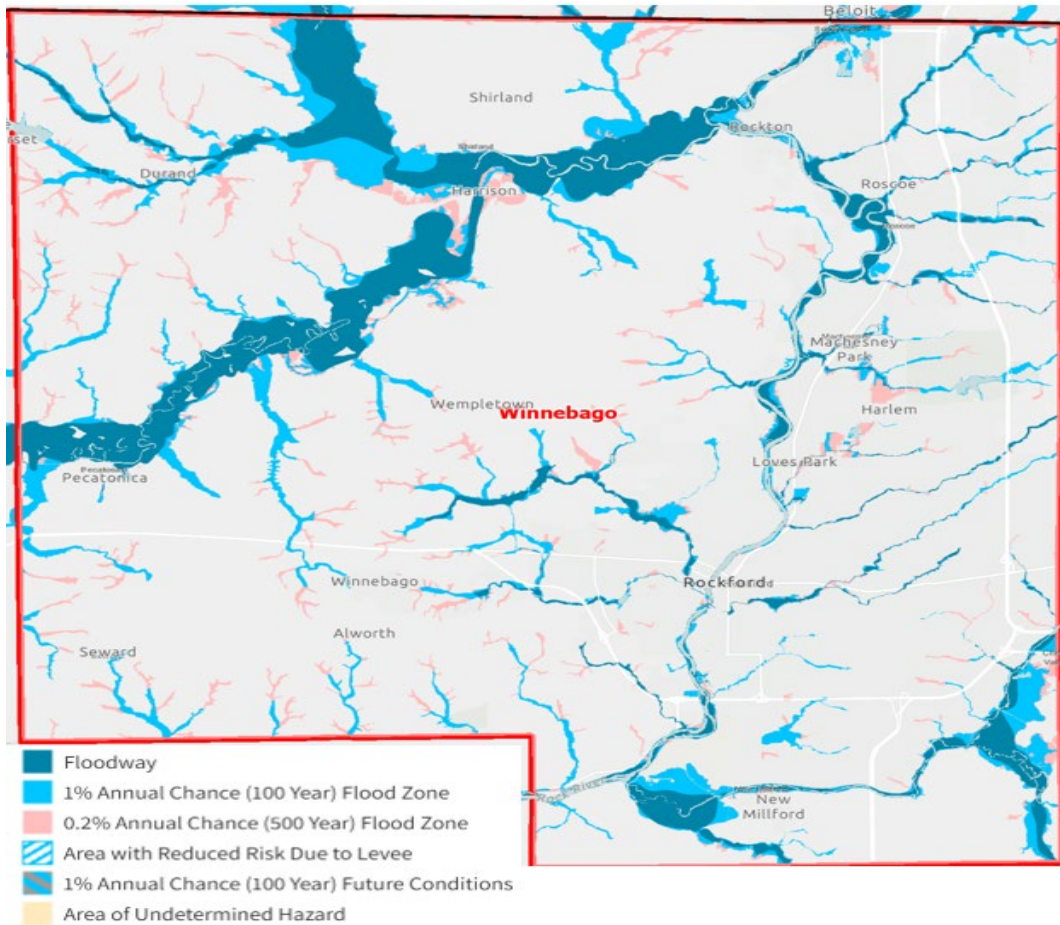
<sup>b</sup> Areas of grasses, legumes, or grass-legume mixtures planted for livestock grazing or the production of seed or hay crops, typically on a perennial cycle. Pasture/hay vegetation accounts for greater than 20% of total vegetation.
<sup>c</sup> Areas used for the production of annual crops, 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.
<sup>d</sup> Percentage of area covered by developed land.
<sup>e</sup> 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.
<sup>f</sup> 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.
<sup>g</sup> 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.
<sup>h</sup> 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.
<sup>i</sup> Percent of land covered by forest.
<sup>j</sup> 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.
<sup>k</sup> 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.
<sup>l</sup> 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.
<sup>m</sup> Percent of land covered by water.
<sup>n</sup> Areas of open water, generally with less than 25% cover of vegetation or soil.
<sup>o</sup> Areas characterized by a perennial cover of ice and/or snow, generally greater than 25% of total cover.
<sup>p</sup> Percentage of developed surfaces that inhibit penetration of water to soil--often resulting in increased runoff.

## Flood Vulnerability

Approximately 2.6% (3,291) of housing units in Winnebago County were in a designated flood hazard area which means that in a given year there is a 1% chance of coastline or riverine flooding. Flood vulnerability is highest in areas closer to water as indicated in Map 1.

Table 34. Community Flood Vulnerability Characteristics: Winnebago County, 2011	
Characteristic	Winnebago County
Number of Housing Units within FEMA Designated Flood Hazard Area <sup>a</sup>	3,291
Source: Centers for Disease Control and Prevention. National Environmental Public Health Tracking Network. <a href="https://ephrtracking.cdc.gov/DataExplorer/#/">https://ephrtracking.cdc.gov/DataExplorer/#/</a>	
<sup>a</sup> Areas at higher risk of flooding to occur. Special designated flood hazard areas have 1% annual chance of coastal/riverine flooding.	

**Map 1. Flood Hazard Zones Winnebago County**



Data Source: U.S. Department of Homeland Security, [Federal Emergency Management Agency](#): 2024

## Community Design

Seventy-five percent (75%) of Winnebago County residents live in proximity to parks.

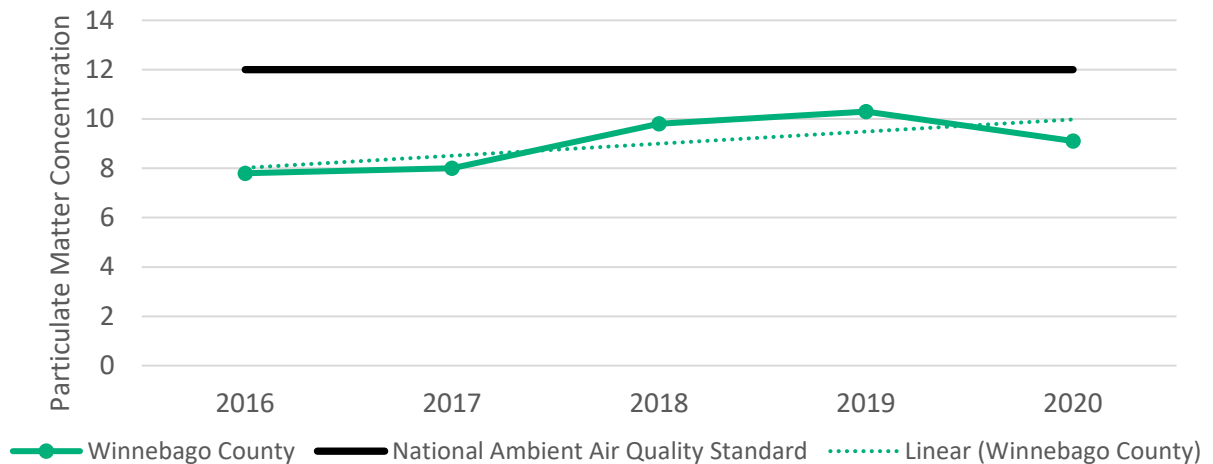
Table 35. Community Design Characteristics: Winnebago County And Illinois, 2020				
Characteristics	Winnebago County		Illinois	
	n	%	N	%
Proximity <sup>a</sup> of Population to Highways	c	2.1%	c	5.8%
Proximity <sup>b</sup> of Population to Parks	213,648	75.3%	9,996,345	78.6%
Source: Centers for Disease Control and Prevention. National Environmental Public Health Tracking Network. <a href="https://ephrtracking.cdc.gov/DataExplorer/#/">https://ephrtracking.cdc.gov/DataExplorer/#/</a>				
<sup>a</sup> Living within 150 meters of a highway, 2020.				
<sup>b</sup> Living within 0.5 miles of a park, 2020				
<sup>c</sup> Data not available				

## ii. Air Quality

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<sub>2.5</sub> posing the greatest health risk. In 2020 the levels were at 9.1 micrograms per cubic meter in Winnebago County which is below the national standard of 12.0 which indicates that on average the air quality is considered to be good in this county.

Table 36. Air Quality, Monitored And Modeled <sup>a</sup> Annual Average Ambient Concentrations Of Particulate Matter (PM <sub>2.5</sub> ) <sup>b</sup> In Micrograms Per Cubic Meter (µg/m <sup>3</sup> ): Winnebago County, 2016-2020	
Annual PM <sub>2.5</sub> National Ambient Air Quality Standard <sup>c</sup>	12.0
Year	Winnebago County
2016	7.8
2017	8.0
2018	9.8
2019	10.3
2020	9.1
Source: Centers for Disease Control and Prevention. National Environmental Public Health Tracking Network. Annual PM 2.5 Level (Monitor + Modeled). [ <a href="https://ephtracking.cdc.gov/DataExplorer">https://ephtracking.cdc.gov/DataExplorer</a> ]. Date Accessed: [07/09/2024].	
<sup>a</sup> Modeled estimates were utilized for counties/days where monitoring did not occur/exist.	
<sup>b</sup> Inhalable particles found in the air (typically ≤2.5 micrometers). This indicator speaks to air quality, specifically the concentration (micrograms per Cubic Meter, µg/m <sup>3</sup> ) of particulate matter in the air and potential exposure to particulate matter within a location over time (NOT directly reflective of personal exposure).	
<sup>c</sup> Air quality standard set by the EPA for particulate matter concentration	

**Figure 10. Air Quality, Monitored And Modeled<sup>a</sup> Annual Average Ambient Concentrations Of Particulate Matter (PM<sub>2.5</sub>)<sup>b</sup> In Micrograms Per Cubic Meter (µg/m<sup>3</sup>): Winnebago County, 2016-2020**



<sup>a</sup> Modeled estimates were utilized for counties/days where monitoring did not occur/exist.

<sup>b</sup> Inhalable particles found in the air (typically ≤2.5 micrometers). This indicator speaks to air quality, specifically the concentration (micrograms per Cubic Meter, µg/m<sup>3</sup>) of particulate matter in the air and potential exposure to particulate matter within a location over time (NOT directly reflective of personal exposure).

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

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: [07/09/2024].

## Radon

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 showing counties based on their average indoor radon screening levels. This map does not determine radon levels in individual homes. Zone 1 which includes Winnebago County 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. Radon mitigation is recommended in homes that have levels above 4 pCi/L.

## Map 2. Illinois EPA Map of Radon Zones

### ILLINOIS - EPA Map of Radon Zones

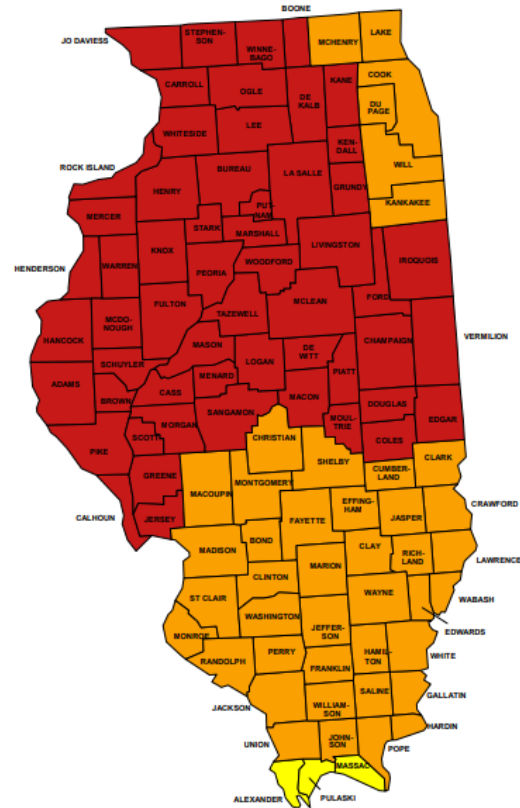
<http://www.epa.gov/radon/zonemap.html>

The purpose of this map is to assist National, State and local organizations to target their resources and to implement radon-resistant building codes.

This map is not intended to determine if a home in a given zone should be tested for radon. Homes with elevated levels of radon have been found in all three zones.

**All homes should be tested, regardless of zone designation.**

**IMPORTANT:** Consult the publication entitled "Preliminary Geologic Radon Potential Assessment of Illinois" (USGS Open-file Report 93-292-E) before using this map. <http://energy.cr.usgs.gov/radon/grpinfo.html> This document contains information on radon potential variations within counties. EPA also recommends that this map be supplemented with any available local data in order to further understand and predict the radon potential of a specific area.



### iii. Lead Exposure

About 75 percent of Illinois homes built before 1978 contain some lead-based paint. In Winnebago County 64.5% of homes were built before 1980, when the highest concentration of lead-based paint may occur.

**Table 37. Homes Built Before 1980: Winnebago County, Illinois, 2022**

Location	n	%
Illinois	3,511,253	64.7%
Winnebago County	80,654	64.5%

Source: U.S. Census Bureau, American Community Survey, 5-Year Estimates, 2022 Data.  
[https://data.census.gov/table/ACSDT5Y2022.B25034?t=Year%20Structure%20Built&g=040XX00U.S.17\\_050XX00U.S.17201](https://data.census.gov/table/ACSDT5Y2022.B25034?t=Year%20Structure%20Built&g=040XX00U.S.17_050XX00U.S.17201)  
 ]

### Children Exposed to Lead

Lead disproportionately effects children younger than six (6) years of age. Lead exposure to young children can impact health including growth and development (lower IQ; Attention Deficit Hyperactivity



Disorder; seizures, hearing loss; slow growth; kidney function - nausea, vomiting, drowsiness, confusion, rash; stomach - abdominal pain and cramping; blood - anemia, fatigue, lightheadedness, dizziness, and shortness of breath contributing to long-term health issues including reproductive system. Blood lead levels above 5µg/dL are levels of concern. In 2021, 3.3% of children had blood levels of 5µg/dL or greater in Winnebago County which was higher than in Illinois (1.7%).

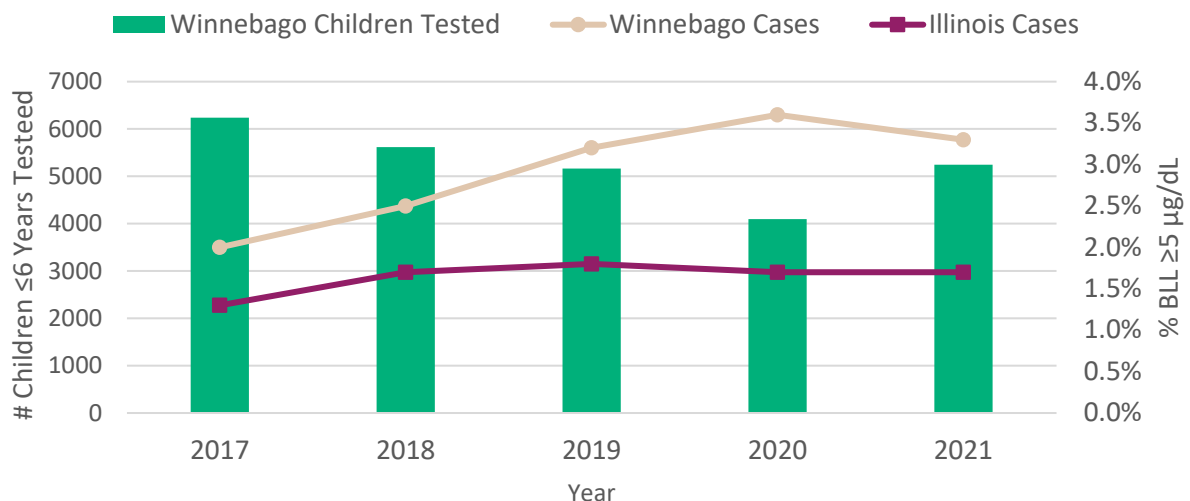
**Table 38. New Confirmed Venous Cases With Blood Lead Levels ≥5 Micrograms/dL In Children ≤6 Years: Winnebago County And Illinois, 2021**

Location	Estimated Population ≤6 Years	Total Tested	≥ 5µg/dL
Illinois	1,032,241	191,900	1.7%
Winnebago County	22,240	5,245	3.3%

Source: Illinois Lead Program 2021 Annual Surveillance Report.  
[<https://dph.illinois.gov/content/dam/soi/en/web/idph/publications/idph/topics-and-services/environmental-health-protection/lead-poisoning-prevention/lead-surveillance-report-2021.pdf>]

Via capillary/venous blood draw

**Figure 11. Children Blood Lead Levels Tested And Percent Of Cases ≥5 Micrograms/dL; Winnebago County, 2017-2021**



Source: Illinois Lead Program 2017 Annual Surveillance Report.

[<https://dph.illinois.gov/content/dam/soi/en/web/idph/files/publications/lead-surveillance-report-2017-20.pdf>]

Source: Illinois Lead Program 2020 Annual Surveillance Report. Coronavirus Pandemic Effect on Illinois Childhood Blood Lead Testing and Exposure Rates 2018 - 2020

[<https://dph.illinois.gov/content/dam/soi/en/web/idph/publications/idph/topics-and-services/environmental-health-protection/lead-poisoning-prevention/lead-surveillance-report-2020.pdf>]

Source: Illinois Lead Program 2021 Annual Surveillance Report.

[<https://dph.illinois.gov/content/dam/soi/en/web/idph/publications/idph/topics-and-services/environmental-health-protection/lead-poisoning-prevention/lead-surveillance-report-2021.pdf>]

## Children Exposed to Lead by Medicaid Status

Children enrolled in Medicaid are more likely to get blood lead levels tested and are more likely to have higher levels of lead exposure based on housing conditions.

Table 39. Proportion Of Children Tested <sup>a</sup> For Blood Lead By Medicaid Status: Winnebago County And Illinois, 2020					
Location	Total Tested	Medicaid-Enrolled		Non-Medicaid Enrolled	
		% Tested	≥ 5µg/dL	% Tested	≥ 5µg/dL
Illinois	179,085	64.5%	3.0%	35.5%	2.3%
Winnebago County	4,201	75.6%	3.8%	24.4%	3.5%
Source: Illinois Department of Public Health - Illinois Lead Program: 2020 Annual Surveillance Report [ <a href="https://dph.illinois.gov/content/dam/soi/en/web/idph/publications/idph/topics-and-services/environmental-health-protection/lead-poisoning-prevention/lead-surveillance-report-2020.pdf">https://dph.illinois.gov/content/dam/soi/en/web/idph/publications/idph/topics-and-services/environmental-health-protection/lead-poisoning-prevention/lead-surveillance-report-2020.pdf</a> ]					
<sup>a</sup> Via capillary/venous blood draw					

See Supplementary Table 17 for additional environmental data.

## e. Quality of Life

Quality of life reflects an individual's sense of health and wellbeing across emotional, physical, social, and community dimensions. Factors such as safe neighborhoods, good living conditions, and access to transportation contribute to a positive perception of health. Evaluating quality of life helps explore how mental and physical health are linked across a community. Quality of life is a public health concern due to its connection with longevity, healthy behaviors, illness, and social bonds. Winnebago County has a high level of social vulnerability compared to both the state and national averages. Food insecurity is higher in Winnebago County than in Illinois. There were 2,442 violent crimes committed in Winnebago County of which 25 were homicides (1%). There were 5,271 property crimes committed in Winnebago County of which theft was the most commonly reported crime.

### i. Crime

The Uniform Crime Report looks at eight (8) 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. Overall property crime rates (except motor vehicle theft) have been decreasing since 2012.



**Table 40. Annual Rate Of Reported<sup>a</sup> Violent Crime Offenses By Type<sup>b</sup> Per 100,000: Winnebago County<sup>c</sup>, 2012-2022**

Year <sup>d</sup>	All Violent Crimes	Homicide	Rape	Robbery	Aggravated Assault
2012	845	5	67	188	586
2013	830	7	66	151	605
2014	754	8	63	163	521
2015	955	8	72	200	676
2016	985	11	71	207	697
2017	927	7	62	161	698
2018	840	12	85	138	606
2019	714	7	69	108	529
2020	858	12	65	98	683
2021	874	8	70	81	715
2022	858	9	71	79	699

Source: Federal Bureau of Investigation (FBI), Crime Data Explorer. 2012-2022.

<https://cde.ucr.cjis.gov/LATEST/webapp/#/pages/explorer/crime/crime-trend>

<sup>a</sup>Not exhaustive of all crimes that occur

<sup>b</sup>Violent crime (murder, nonnegligent manslaughter, rape, robbery, and aggravated assault) and property crime (burglary, larceny-theft, and motor vehicle theft)

<sup>c</sup>Winnebago County data is determined by combining data reported by Police Departments in Winnebago County

<sup>d</sup>Population data for calculation of rate taken from U.S Census Bureau, 2018-2022 American Community Survey 5-Year Estimates

<sup>e</sup>The FBI derives state totals by estimating for nonreporting and partially reporting agencies within each state. The UCR Program aggregates a state total using the state's individual agency estimates. For agencies supplying 3 to 11 months of data, the national UCR Program estimates for the missing data by following a standard estimation procedure using the data provided. For agencies that supplied less than 3 months of data, the FBI computes estimates by using the known crime figures of similar areas within a state and assigning the same proportion of crime volumes to nonreporting and/or partially reporting agencies.

**Table 41. Annual Rate Of Reported<sup>a</sup> Property Crime Offenses By Type<sup>b</sup> Per 100,000: Winnebago County<sup>c</sup>, 2012-2022**

Year <sup>d</sup>	All Property Crimes	Arson	Burglary	Larceny Theft	Motor Vehicle Theft
2012	3,693	34	1,002	2,523	168
2013	3,458	41	913	2,374	171
2014	3,109	31	792	2,151	166
2015	2,901	25	688	1,997	216
2016	2,862	33	692	1,973	197
2017	2,676	27	668	1,816	193
2018	2,665	26	562	1,904	200
2019	2,397	27	475	1,747	175
2020	2,034	23	352	1,505	178
2021	1,776	18	328	1,251	197
2022	1,852	23	298	1,234	320

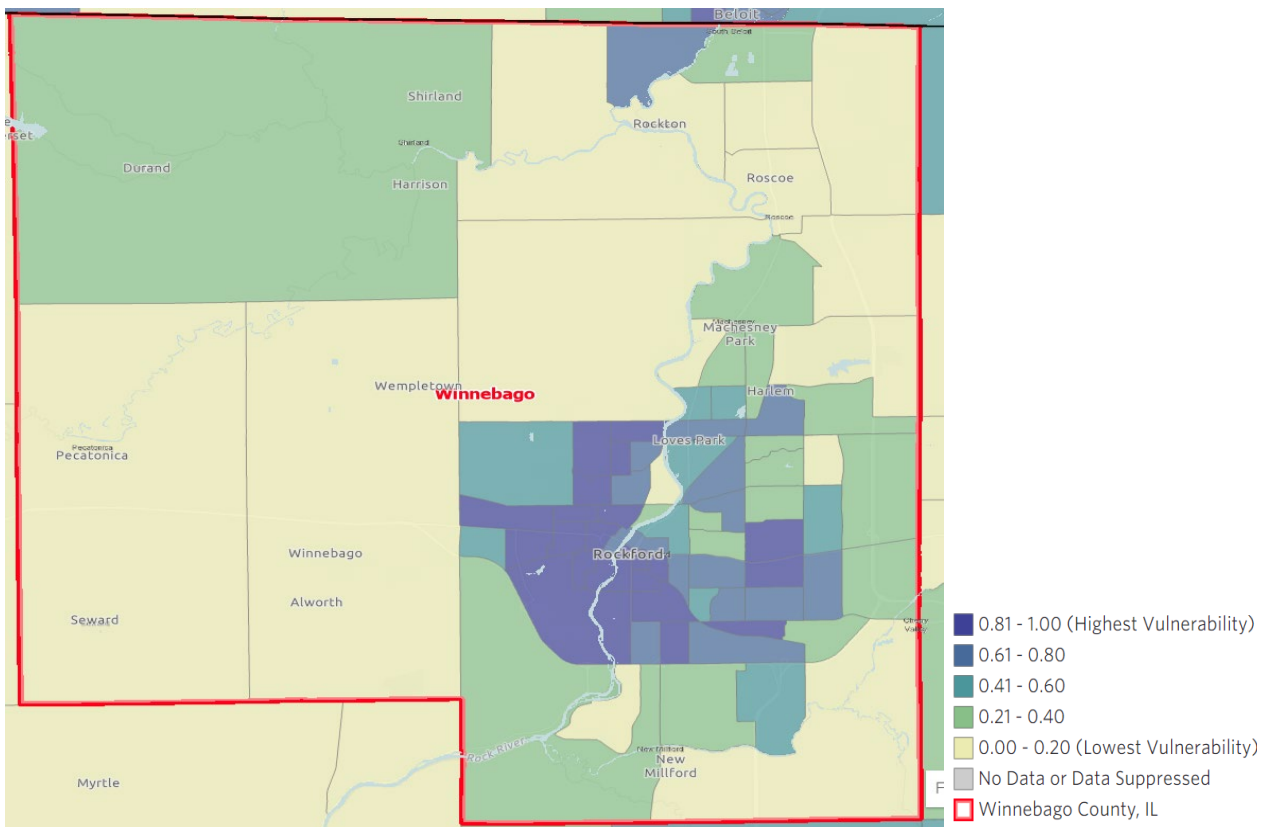


Source: Federal Bureau of Investigation (FBI), Crime Data Explorer. Summary crime reported by the Winnebago County Sheriff's Office, 2011-2021. [ <a href="https://cde.ucr.cjis.gov/LATEST/webapp/#/pages/explorer/crime/crime-trend">https://cde.ucr.cjis.gov/LATEST/webapp/#/pages/explorer/crime/crime-trend</a> ]
<sup>a</sup> Not exhaustive of all crimes that occur.
<sup>b</sup> Violent crime (murder, nonnegligent manslaughter, rape, robbery, and aggravated assault) and property crime (burglary, larceny-theft, and motor vehicle theft).
<sup>c</sup> Winnebago County data is determined by combining data reported by Police Departments in Winnebago County.
<sup>d</sup> Population data for calculation of rate taken from U.S Census Bureau, 2018-2022 American Community Survey 5-Year Estimates.
<sup>e</sup> The FBI derives state totals by estimating for nonreporting and partially reporting agencies within each state. The UCR Program aggregates a state total using the state's individual agency estimates. For agencies supplying 3 to 11 months of data, the national UCR Program estimates for the missing data by following a standard estimation procedure using the data provided. For agencies that supplied less than 3 months of data, the FBI computes estimates by using the known crime figures of similar areas within a state and assigning the same proportion of crime volumes to nonreporting and/or partially reporting agencies.

## ii. Social Vulnerability Index

The Social Vulnerability Index (SVI) measures a community's resilience to environmental, social, and economic susceptibilities. It considers factors such as poverty, access to transportation, and housing conditions. The SVI helps identify regions at greater risk during emergencies, guiding resource allocation to mitigate disaster impacts effectively. Winnebago County, Illinois, records an SVI score of 0.77, showing a high level of social vulnerability compared to both the state and national averages. Illinois overall has an SVI score of 0.55, while the national average stands at 0.50.

**Map 3. Social Vulnerability Index**



Data Source: Centers for Disease Control and Prevention and the National Center for Health Statistics, [CDC - GRASP](#), 2022

### iii. Access to Exercise Activities

The majority of the population (90%) in Winnebago County who live near a recreational facility or park is similar to Illinois (91%).

Table 42. Access <sup>a</sup> To Exercise Opportunities: Winnebago County And Illinois, 2024	
Location	%
Illinois	91%
Winnebago County	90%
Source: University of WI Population Health Institute, County Health Rankings, 2024. The 2024 County Health Rankings used data from 2020, 2022, and 2023 for this measure. [ <a href="https://www.countyhealthrankings.org/health-data/illinois/winnebago?year=2024">https://www.countyhealthrankings.org/health-data/illinois/winnebago?year=2024</a> ]	
<sup>a</sup> 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.	

### iv. Food Insecurity

Reported food insecurity is higher in Winnebago County (14.5%) than Illinois (12.0%). Food insecurity is also significantly higher for children in Winnebago County (22.2%) than in the rest of Illinois (15.7%).

Table 43. Overall And Child Food Insecurity <sup>a</sup> : Winnebago County And Illinois, 2022				
Population	Winnebago County		Illinois	
	# of Food Insecure Persons	Food Insecurity Rate	# of Food Insecure Persons	Food Insecurity Rate
Overall	41,200	14.5%	1,506,320	12.0%
Child	14,740	22.2%	426,600	15.7%
Source: Feeding America [ <a href="https://map.feedingamerica.org/county/2022/overall/illinois">https://map.feedingamerica.org/county/2022/overall/illinois</a> ]				
<sup>a</sup> Lack of adequate access to enough nutritious foods.				

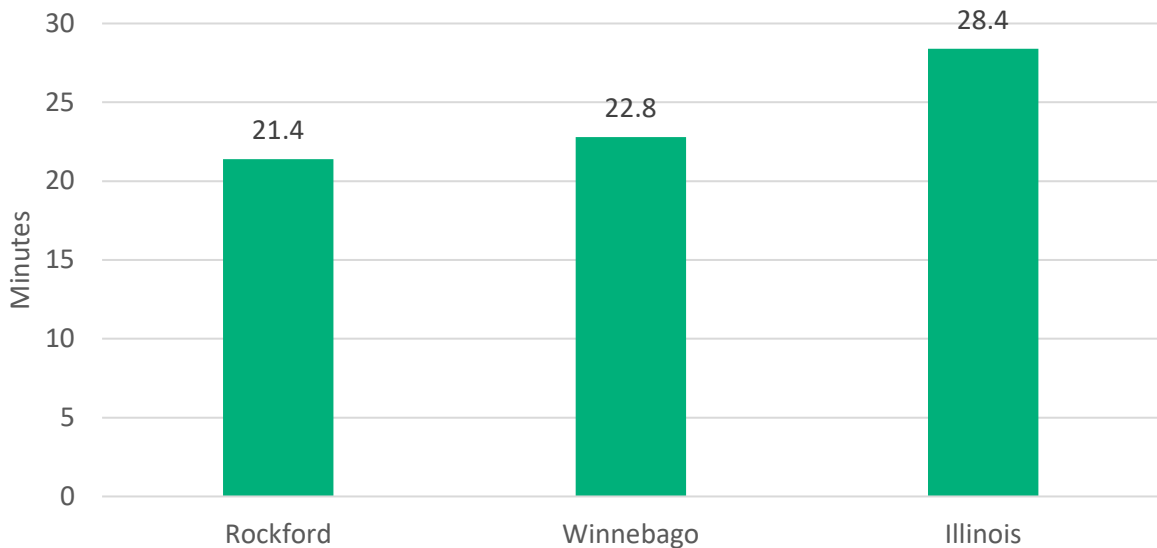
### v. Transportation

#### Travel Time

Long commutes have been associated with increased stress, physical inactivity, increased body mass index (BMI), higher blood pressure, increased risk of heart disease, disruption in sleep, and exposure to air pollution. Winnebago County residents on average have shorter commute times (22.8 minutes) as compared to Illinois residents (28.4 minutes). The difference between City of Rockford residents (21.4 minutes) and Winnebago County residents was 1.4 minutes.

Table 44. Mean Travel Time To Work: Rockford, Winnebago County, And Illinois, 2018-2022	
Rockford	21.4
Winnebago County	22.8
Illinois	28.4
Sources: U.S. Census Bureau, American Community Survey (ACS) and Puerto Rico Community Survey (PRCS), 5-Year Estimates [ <a href="https://www.census.gov/quickfacts/fact/table/IL,winnebagocountyillinois,rockfordcityillinois/LFE305221">https://www.census.gov/quickfacts/fact/table/IL,winnebagocountyillinois,rockfordcityillinois/LFE305221</a> ]	
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.	

**Figure 12. Mean Travel Time To Work: Rockford, Winnebago County, Illinois 2018-2022**



Sources: U.S. Census Bureau, American Community Survey (ACS) and Puerto Rico Community Survey (PRCS), 5-Year Estimates [<https://www.census.gov/quickfacts/fact/table/IL,winnebagocountyillinois,rockfordcityillinois/LFE305221>]

According to the American Community Survey, in Winnebago County 77% of workers drive to work alone; 10% work from home; 10%; carpool, 2%; use taxi, motorcycle, bicycle, or other means; walk (1%), and less than 1% use public transportation.

### Commute Means

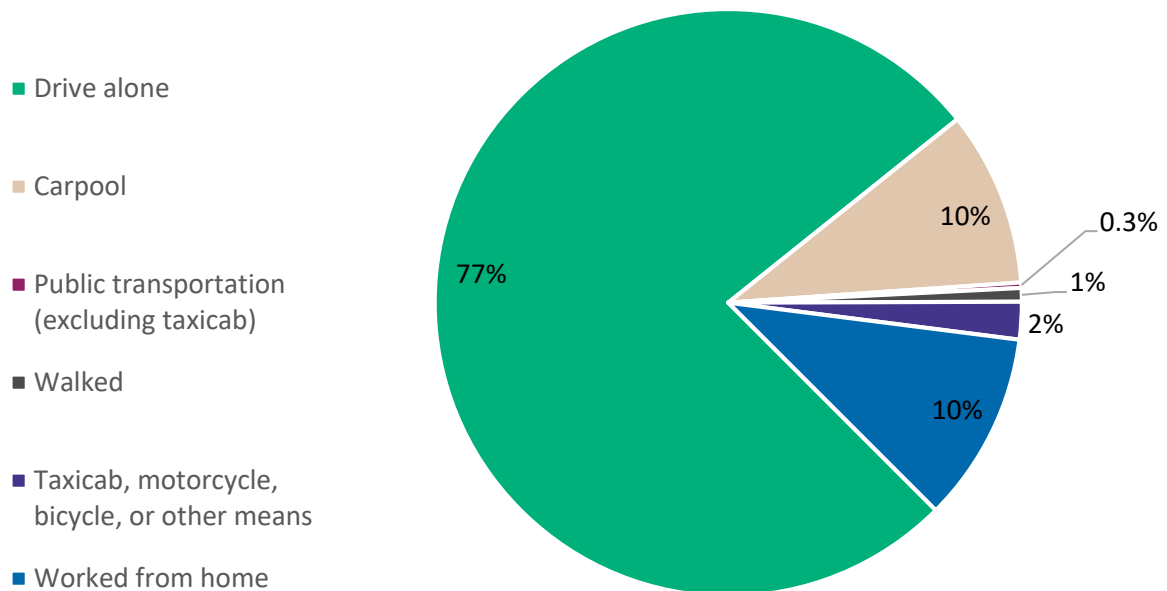
As compared to the state of Illinois, Winnebago has more individuals that drive alone to work (77%) and fewer individuals who work from home (10%) or take public transportation.

**Table 45. Work Commute By Vehicle Type: Winnebago County And Illinois, 2022**

	Winnebago		Illinois	
	n	%	N	%
Drive alone	96,057	76.8%	4,081,735	66.3%
Worked from home	13,120	10.5%	972,338	15.8%
Carpool	12,071	9.6%	488,070	7.9%
Taxicab, motorcycle, bicycle, or other means	2,586	2.1%	121,439	2.0%
Walked	937	0.7%	146,052	2.4%
Public transportation (excluding taxicab)	375	0.3%	342,884	5.6%

Sources: U.S. Census Bureau, American Community Survey (ACS) and Puerto Rico Community Survey (PRCS), 1-Year Estimate 2022  
[\[https://data.census.gov/table/ACSDT1Y2022.B08141?q=means%20of%20transportation&g=040XX00US17\\_050XX00US17201\]](https://data.census.gov/table/ACSDT1Y2022.B08141?q=means%20of%20transportation&g=040XX00US17_050XX00US17201)

**Figure 13. Means Of Transportation To Work: Winnebago County, 2022**



Sources: U.S. Census Bureau, American Community Survey (ACS) and Puerto Rico Community Survey (PRCS), 1-Year Estimate 2022  
[\[https://data.census.gov/table/ACSDT1Y2022.B08141?q=means%20of%20transportation&g=040XX00US17\\_050XX00U.S.17201\]](https://data.census.gov/table/ACSDT1Y2022.B08141?q=means%20of%20transportation&g=040XX00US17_050XX00U.S.17201)

## 2. HEALTH BEHAVIORS, OUTCOMES AND TRENDS

### a. Behavioral Risk and Prevention

Behavioral risk factors are the habits and/or actions that an individual engages in which can impact their health and collectively the community's overall health. Behavioral risk factors include activities such as smoking/tobacco use, substance use, overweight/obesity, and limited consumption of fresh fruits and vegetables. Winnebago County has a higher rate of obesity and physical inactivity than the state of Illinois. However, 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.

#### i. Tobacco and E-cigarettes

From 2018 to 2021 adult smoking rates in Winnebago County were consistently higher than Illinois and U.S. In 2021 the percentage of adults who smoked in Winnebago County was 18.2% which was higher than the Illinois percentage of 12.3% and U.S. 14.4%.

Table 46. Adult Smoking: Winnebago County, Illinois, And US, 2018-2021			
Year	Winnebago County	Illinois	U.S.
2018	18.1%	15.8%	16.1%
2019	16.3%	14.6%	16.0%
2020	16.1%	12.8%	15.5%
2021	18.2%	12.3%	14.4%
County Source: PLACES. Centers for Disease Control and Prevention. Accessed <a href="https://www.cdc.gov/places">https://www.cdc.gov/places</a>			
State and National Source: Centers for Disease Control and Prevention, National Center for Chronic Disease Prevention and Health Promotion, Division of Population Health. BRFSS Prevalence & Trends Data [online] 2015. [accessed Jun 12, 2024]. URL: <a href="https://www.cdc.gov/brfss/brfssprevalence/">https://www.cdc.gov/brfss/brfssprevalence/</a> .			
Current smoking among adults 18 years or older			

#### ii. Physical Activity

Almost one-third (30.5%) of adults in Winnebago County reported no leisure-time physical activity during the preceding month, a significant increase from 22.7% in 2018 and well-above the State of Illinois at 26.4% and the U.S. at 23.7%.

Table 47. Physical Inactivity <sup>a</sup> : Winnebago County, Illinois, And US, 2018-2021			
Year	Winnebago County	Illinois	U.S.
2018	22.7%	23.9%	23.8%
2019	23.5%	25.0%	26.4%
2020	20.5%	24.4%	22.7%
2021	30.5%	26.4%	23.7%
County Source: PLACES. Centers for Disease Control and Prevention. Accessed <a href="https://www.cdc.gov/places">https://www.cdc.gov/places</a>			



State and National Source: Centers for Disease Control and Prevention, National Center for Chronic Disease Prevention and Health Promotion, Division of Population Health. BRFSS Prevalence & Trends Data [online]. 2015. [accessed Jun 12, 2024]. URL: <https://www.cdc.gov/brfss/brfssprevalence/>.

<sup>a</sup>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?”.

## Obesity

From 2018 to 2021, the percentage of adults who were obese in Winnebago County increased more than 10 percentage points from 29.2% to 42.1% while the percentages for Illinois and the U.S. increased by less than 3 percentage points to 33.9%.

**Table 48. Adult Obesity<sup>a</sup>: Winnebago County, Illinois, And US, 2018-2021**

Year	Winnebago County	Illinois	U.S.
2018	29.2%	31.3%	30.9%
2019	33.6%	31.1%	32.4%
2020	37.3%	32.1%	31.9%
2021	42.1%	33.9%	33.9%

County Source: PLACES. Centers for Disease Control and Prevention. Accessed <https://www.cdc.gov/places>

State and National Source: Centers for Disease Control and Prevention, National Center for Chronic Disease Prevention and Health Promotion, Division of Population Health. BRFSS Prevalence & Trends Data [online]. 2015. URL: <https://www.cdc.gov/brfss/brfssprevalence/>.

<sup>a</sup>Adult obesity is based on responses to the Behavioral Risk Factor Surveillance Survey (BRFSS) and is the percentage of the adult population (age 20 and older) that reports a body mass index (BMI) greater than or equal to 30 kg/m<sup>2</sup>. Participants are asked to self-report their height and weight. From these reported values, BMIs for the participants are calculated.

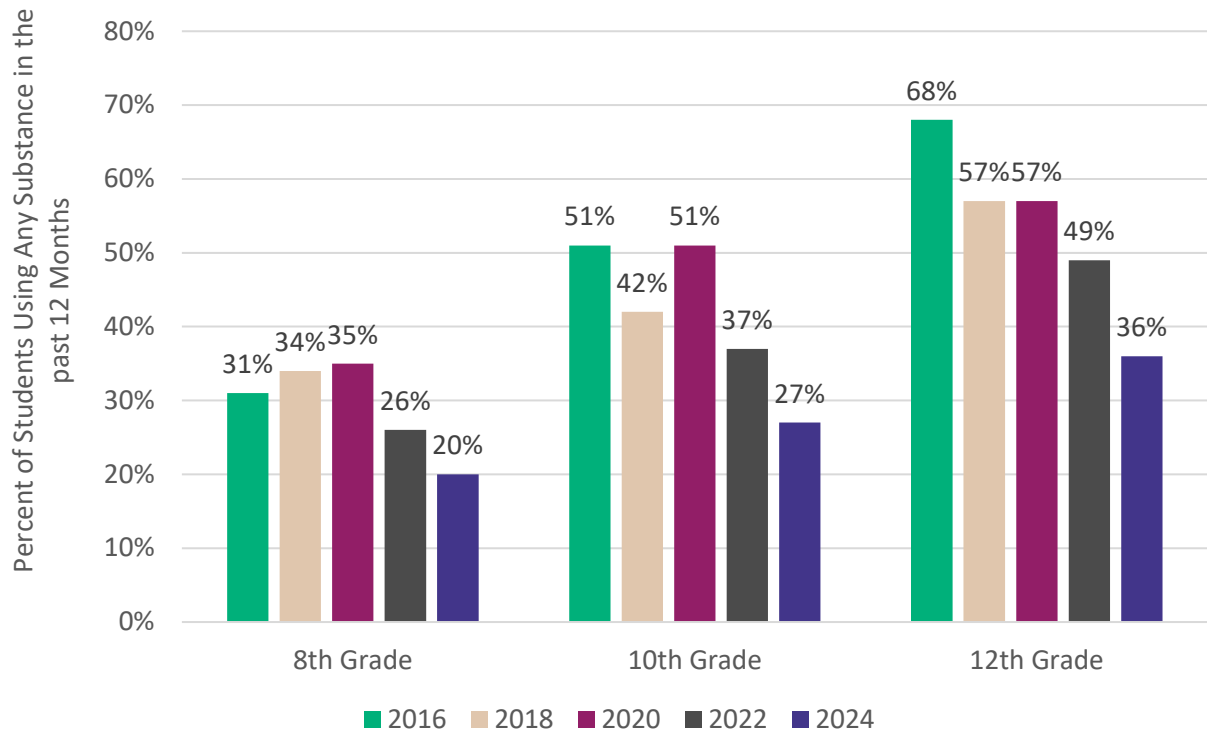
### iii. Youth Behaviors

A survey was conducted among 8<sup>th</sup>, 10<sup>th</sup>, and 12<sup>th</sup>, graders throughout Illinois regarding health and social indicators. In Winnebago County, 63% of 8<sup>th</sup> graders, 65% of 10<sup>th</sup> graders and 57% of 12<sup>th</sup> graders are either living with both parents or are living with a parent and step parent. Nineteen percent of 8<sup>th</sup> graders, 21% of 10<sup>th</sup> graders and 32% of 12<sup>th</sup> graders are living with a single parent with the majority living with only their mother. (See Supplementary Table 13.)

## Youth Substance Use

In 2024 the percent of students who stated they used any substance (including alcohol, cigarettes, inhalants, and alcohol) was 20% in 8<sup>th</sup> graders, 27% in 10<sup>th</sup> graders, and 36% in 12<sup>th</sup> graders. There is an overall decrease in substance use from 2016 to 2024 with the largest decrease reflected in 12<sup>th</sup> graders from 68% in 2016 to 36% in 2024.

**Figure 14. Winnebago County Percent Of Students Using Any Substance In Past 12 Months:  
Winnebago County, 2016-2024**

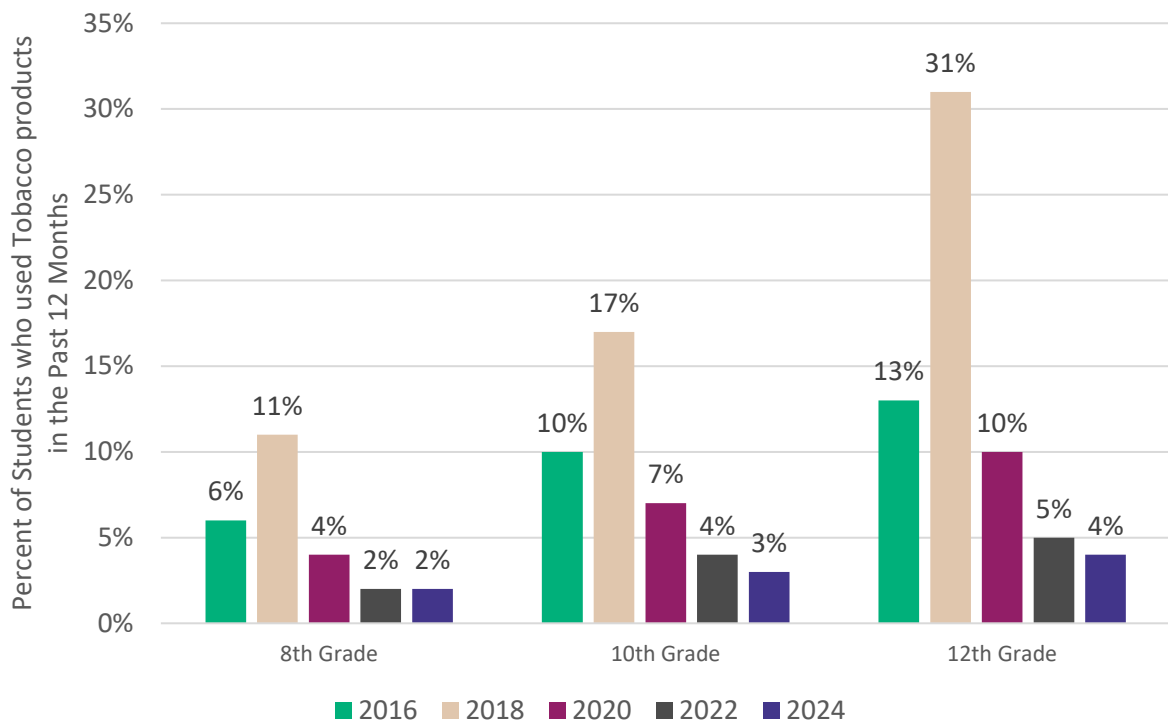


Source: Illinois Center for Prevention Research & Development, (ICPRD) Illinois Department of Humans Services (IDHS). (2024). Illinois Youth Survey 2024 County Report: Winnebago. [https://iys.cprd.illinois.edu/userFiles/Servers/Server\_178052/File/2024/Cnty24\_Winnebago.pdf]  
Note: Winnebago County participating schools included 1 private school and 17 public schools; 12 middle and 5 high schools. Participating students were 1609 8th grade students, 981 10th grade students, and 558 12th grade students.

## Tobacco Use

In 2024 the percent of students who used any tobacco product (including smokeless tobacco, tobacco smoked through cigarettes or cigars/cigarillos, or tobacco used in a hookah water pipe) in the past 12 months was 2% in 8<sup>th</sup> grade, 3% in 10<sup>th</sup> grade, and 4% in 12<sup>th</sup> grade. This represents a decrease since 2016. However, in 2018, all grades showed an increase in usage.

**Figure 15. Percent Of Students Using Any Tobacco Product In Past 12 Months: Winnebago County, 2016-2024**



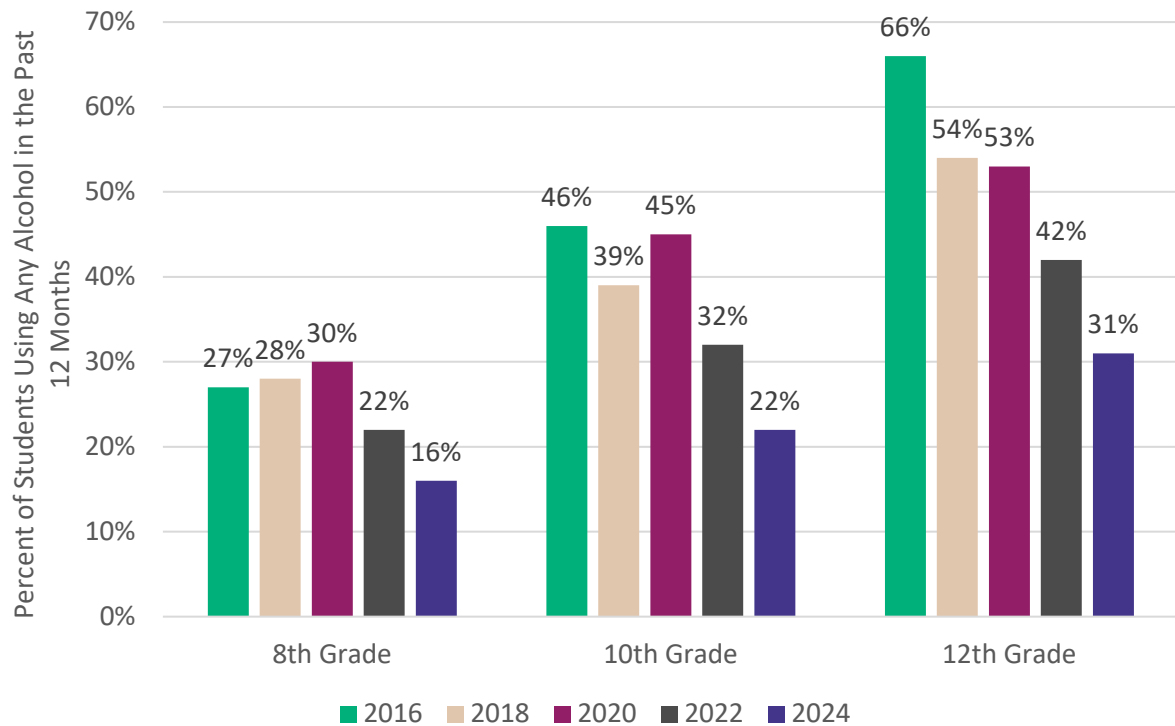
Source: Illinois Center for Prevention Research & Development, (ICPRD) Illinois Department of Humans Services (IDHS). (2024). Illinois Youth Survey 2024 County Report: Winnebago. [[https://iys.cprd.illinois.edu/U.S.erFiles/Servers/Server\\_178052/File/2024/Cnty24\\_Winnebago.pdf](https://iys.cprd.illinois.edu/U.S.erFiles/Servers/Server_178052/File/2024/Cnty24_Winnebago.pdf)]  
 Note: Winnebago County participating schools included 1 private school and 17 public schools; 12 middle and 5 high schools. Participating students were 1609 8th grade students, 981 10th grade students, and 558 12th grade students.

## Alcohol Consumption

In 2024 the percent of students who used alcohol in the past 12 months was 16% in 8<sup>th</sup> grade, 22% in 10<sup>th</sup> grade and 31% in 12<sup>th</sup> grade. This is a significant decrease (about 50%) in alcohol usage in all three grade levels from 2016 to 2022.



**Figure 16. Percent Of Students Using Any Alcohol In Past 12 Months: Winnebago County, 2016-2024**

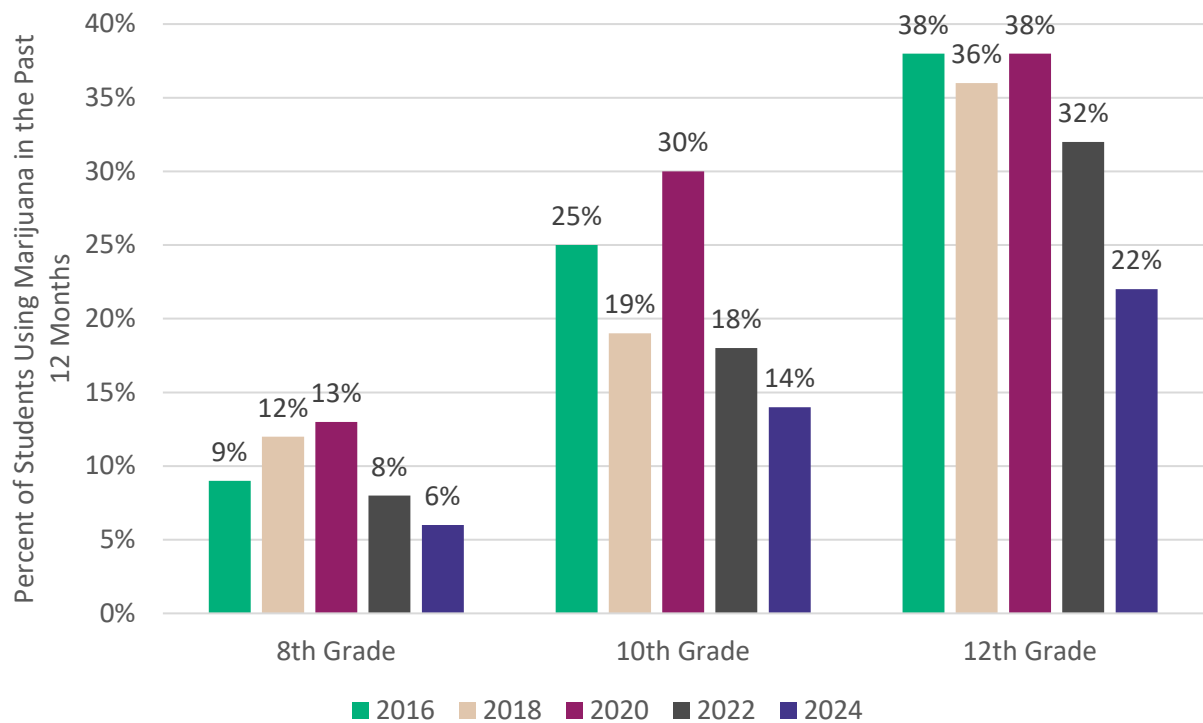


Source: Illinois Center for Prevention Research & Development, (ICPRD) Illinois Department of Humans Services (IDHS). (2024). Illinois Youth Survey 2024 County Report: Winnebago. [[https://iys.cprd.illinois.edu/userFiles/Servers/Server\\_178052/File/2024/Cnty24\\_Winnebago.pdf](https://iys.cprd.illinois.edu/userFiles/Servers/Server_178052/File/2024/Cnty24_Winnebago.pdf)]  
 Note: Winnebago County participating schools included 1 private school and 17 public schools; 12 middle and 5 high schools. Participating students were 1609 8th grade students, 981 10th grade students, and 558 12th grade students.

## Marijuana Use

In 2024 the percent of students who used marijuana in the past 12 months was 6% in 8<sup>th</sup> grade, 14% in 10<sup>th</sup> grade and 22% in 12<sup>th</sup> grade. This is a decrease from 2016.

**Figure 17. Percent Of Students Using Marijuana In Past 12 Months: Winnebago County, 2016-2024**



Source: Illinois Center for Prevention Research & Development, (ICPRD) Illinois Department of Humans Services (IDHS). (2024). Illinois Youth Survey 2024 County Report: Winnebago.

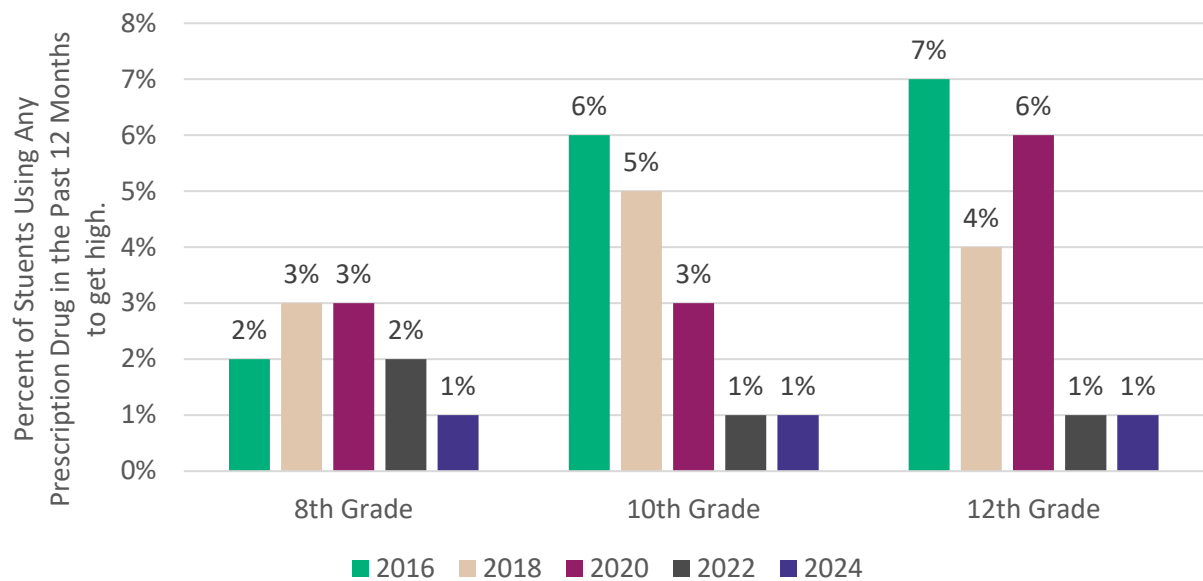
[[https://iys.cprd.illinois.edu/userFiles/Servers/Server\\_178052/File/2024/Cnty24\\_Winnebago.pdf](https://iys.cprd.illinois.edu/userFiles/Servers/Server_178052/File/2024/Cnty24_Winnebago.pdf)]

Note: Winnebago County participating schools included 1 private school and 17 public schools; 12 middle and 5 high schools. Participating students were 1609 8th grade students, 981 10th grade students, and 558 12th grade students.

## Prescription Drug Use

In 2024 the percent of students who used any prescription drugs for the purpose of getting high in the past 12 months was 1% across grades 8, 10 and 12. This is a decrease from 2016.

**Figure 18. Percent Of Students Using Any Prescription Drugs To Get High In Past 12 Months: Winnebago County, 2016-2024**



Source: Illinois Center for Prevention Research & Development, (ICPRD) Illinois Department of Humans Services (IDHS). (2024). Illinois Youth Survey 2024 County Report: Winnebago. [[https://iys.cprd.illinois.edu/userFiles/Servers/Server\\_178052/File/2024/Cnty24\\_Winnebago.pdf](https://iys.cprd.illinois.edu/userFiles/Servers/Server_178052/File/2024/Cnty24_Winnebago.pdf)]  
 Note: Winnebago County participating schools included 1 private school and 17 public schools; 12 middle and 5 high schools. Participating students were 1609 8th grade students, 981 10th grade students, and 558 12th grade students.

## Nutrition and Fitness

In 2024, 63% of 8th graders, 63% of 10th graders, and 64% of 12th graders reported no issues with food security have never gone hungry because there was not enough food in their homes. More than 10% of participating students across grades 8, 10 and 12 reported that they had experienced hunger due to not having enough food in their home.

Self-reported rates of overweight or obesity were reported by 28% of 8th graders, 24% of 10th graders, and 36% of 12th graders. Recommended daily fruit and vegetable consumption was 25% or less for all grade participants. The majority of students (75% of 8th graders, 77% of 10th graders, and 80% of 12th graders) reported being physically active for 60 minutes for at least 3 days per week).

**Table 49. Youth Behaviors, Nutrition And Fitness: Winnebago County, 2024**

Behavior	8th Grade	10th Grade	12th Grade
	%	%	%
<b>Fruits &amp; Vegetables <sup>a</sup></b>			
Eat Fruit	23%	25%	22%
Eat Vegetables	22%	24%	24%
<b>Food Security <sup>b</sup></b>			
Never	63%	63%	64%
Rarely	25%	25%	21%
Sometimes	9%	9%	11%
Most of the Time	2%	2%	3%
Always	1%	1%	1%
<b>BMI <sup>c</sup></b>			
Underweight	2%	2%	2%
Healthy Weight	70%	74%	62%
Overweight	16%	12%	18%
Obese	12%	12%	18%
<b>Physical Activity <sup>d</sup></b>			
0 days	10%	11%	9%
1 day	6%	5%	5%
2 days	9%	8%	6%
3 days	14%	13%	7%
4 days	10%	8%	10%
5 days	20%	20%	25%
6 days	9%	12%	9%
7 days	22%	24%	29%
Source: Illinois Center for Prevention Research & Development, (ICPRD) Illinois Department of Humans Services (IDHS). (2024). Illinois Youth Survey 2024 County Report: Winnebago. [ <a href="https://iys.cprd.illinois.edu/userFiles/Servers/Server_178052/File/2024/Cnty24_Winnebago.pdf">https://iys.cprd.illinois.edu/userFiles/Servers/Server_178052/File/2024/Cnty24_Winnebago.pdf</a> ]			
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 1 private school and 17 public schools; 12 middle and 5 high schools. Participating students were 1609 8th grade students, 981 10th grade students, and 558 12th grade students.			
<sup>a</sup> During the past 7 days, ate fruit or vegetable 4-6 times in the past 7 days.			
<sup>b</sup> During the past 30 days, how often did you go hungry because there was not enough food in your home			
<sup>c</sup> BMI (Body Mass Index) Categories based on CDC guidelines			
<sup>d</sup> During the past 7 days, on how many days were you physically active for a total of at least 60 minutes per day?			

Refer to Supplementary Table 18 for additional data on behavioral risk and prevention.



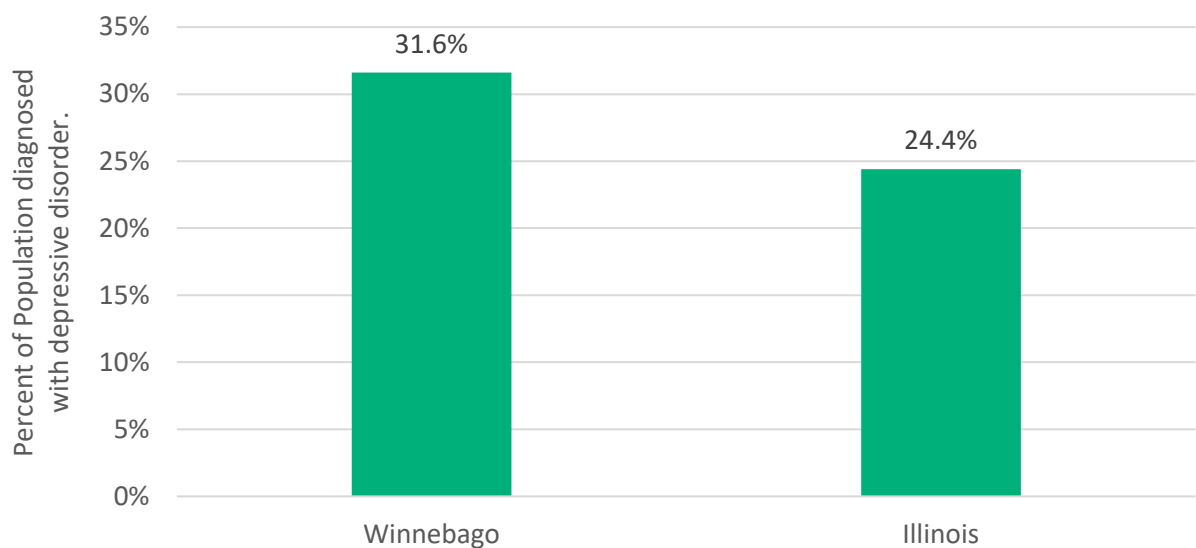
## b. Mental Health

Emergency department visits for mood disorder conditions occurred at a rate of 40 per 10,000 ER visits. Emergency department visits for anxiety-related disorder conditions occurred at a rate of 46.1 per 10,000 ER visits. From 2017 to 2023 there were 3,657 drug-related emergency department visits.

### i. Depression

In Winnebago County, 31.6% of individuals have been diagnosed with Depressive Disorder. This is higher than in Illinois (24.4%).

**Figure 19. Ever Diagnosed With Depressive Disorder: Winnebago, Illinois, 2015-2019**



Sources: Illinois Department of Public Health (IDPH). Health Statistics. Illinois and Strata Area Prevalence Data. Illinois County Behavioral Risk Factor Survey (BRFSS), 2019  
 Illinois Department of Public Health (IDPH) Health Statistics. County Level Prevalence Data. Illinois Behavioral Risk Factor Surveillance Survey (BRFSS) Data, Round 6 2019  
 Note: "Ever diagnosed" = "ever told by a doctor you have"

### ii. Mental Health Emergency Department Visits

Emergency department visits for mood disorder conditions occurred at a rate of 40 per 10,000 ER visits in Winnebago County and 30.4 in Illinois. Black/African American individuals have almost double the rate of visits (76.4) in Winnebago County.

**Table 50. 3-Year Average Rate Of Adult Emergency Department Visits For Mood Disorders: Winnebago County And Illinois, 2017-2019**

	Winnebago County	Illinois
Rate of Visit	40.0	30.4
<b>Race or Ethnicity</b>		
Black/African American	76.4	56.3
White	37.3	27.3
Hispanic	22.8	16.0
Illinois Public Health Community Map [ <a href="https://healthcarereportcard.illinois.gov/map">https://healthcarereportcard.illinois.gov/map</a> ]		
Rates reported by 10,000		

Emergency department visits for anxiety-related disorder conditions occurred at a rate of 46.1 per 10,000 ER visits in Winnebago County and 36.7 in Illinois. Black/African American individuals have the highest rate of visits (81.7) in Winnebago County.

**Table 51. 3-Year Average Rate Of Adult Emergency Department Visits For Anxiety-Related Disorders: Winnebago County And Illinois, 2017-2019**

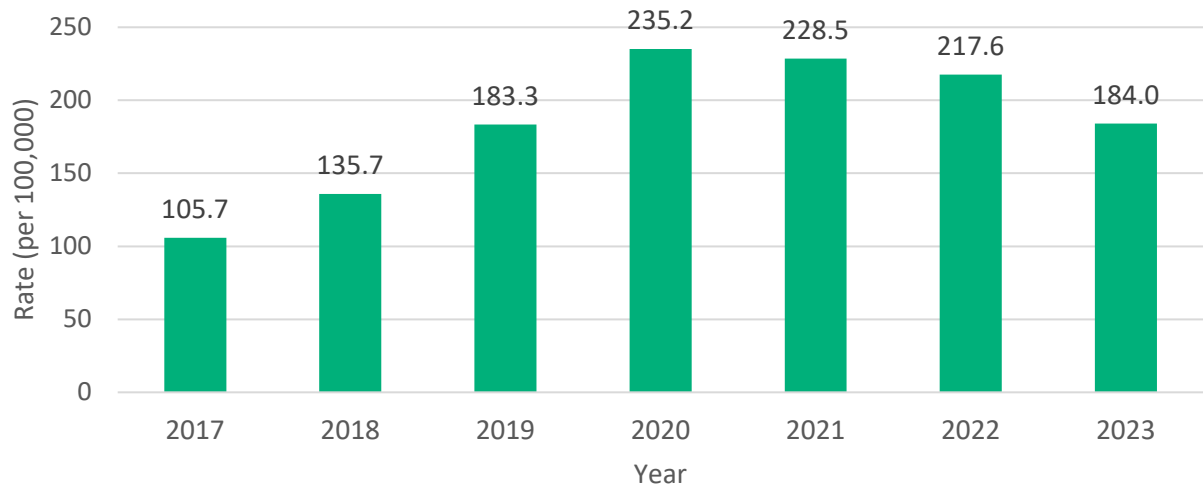
	Winnebago County	Illinois
Rate of Visit	46.1	36.7
<b>Race or Ethnicity</b>		
Black/African American	81.7	50.9
Hispanic	50.3	31.6
White	40.9	34.5
Illinois Public Health Community Map [ <a href="https://healthcarereportcard.illinois.gov/map">https://healthcarereportcard.illinois.gov/map</a> ]		
Rates reported by 10,000		

### iii. Substance Use

#### Emergency Department Visits

From 2017 to 2023 there were 3,657 drug-related emergency department visits in Winnebago County. Those individuals ages 18-44 years were the demographic with the most visits. White individuals accounted for 59% of the visits. Black/African Americans represented 28% of the visits but made up only 13% of Winnebago County's population. Those of Hispanic/Latino ethnicity totaled 9% of visits but made up 14% of the population. Rates of drug related ED visits reached a peaked in 2020.

**Figure 20. Drug Related ED Visits Rates: Winnebago County, 2017-2023**



Crude rate per 100,000

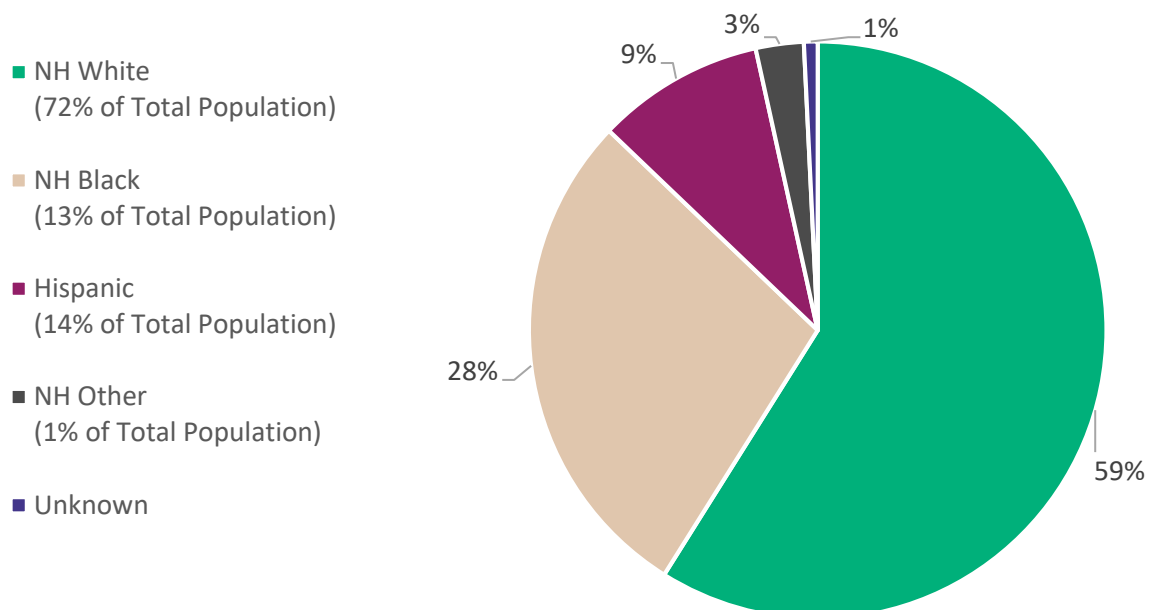
Source: U.S. Census Bureau, Population Division Illinois Vital Statistics, Illinois Department of Public Health

Source: National Syndromic Surveillance Program (NSSP) Centers for Disease Control and Prevention.

[<https://www.cdc.gov/nssp/overview.html#bioSense>]

Note: ED Visits which are coded as a drug poisoning (ICD 10 codes T40-T43)

**Figure 21. Drug Related ER Visits By Race: Winnebago County, 2023**



Source: National Syndromic Surveillance Program (NSSP) Centers for Disease Control and Prevention.

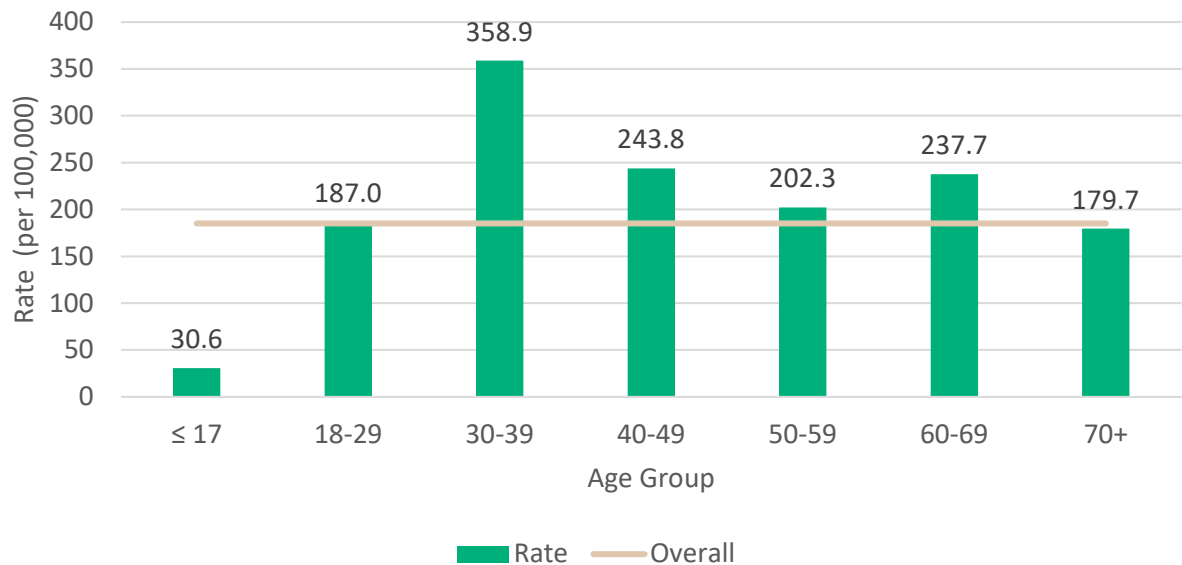
[<https://www.cdc.gov/nssp/overview.html#bioSense>]

Note: ED Visits which are coded as a drug poisoning (ICD 10 codes T40-T43)

Percentage of population by race are indicated in parenthesis



**Figure 22. Drug Related ER Visits By Age: Winnebago County, 2023**



Crude rate per 100,000

Source: U.S. Census Bureau, Population Division Illinois Vital Statistics, Illinois Department of Public Health

Source: National Syndromic Surveillance Program (NSSP) Centers for Disease Control and Prevention.

[<https://www.cdc.gov/nssp/overview.html#bioSense>]

Note: ED Visits which are coded as a drug poisoning (ICD 10 codes T40-T43)

## Inpatient Visits

Inpatient visits for substance related disorder conditions occurred at a rate of 9.3 per 10,000 visits in Winnebago County and 13.4 per 10,000 in Illinois. Black/African American individuals have the highest rate of visits with 17.3 per 10,000 in the county (more than twice that of Whites at 7.3) and 44.8 in the State, almost six (6) times that of Whites at 7.6.

**Table 52. 3-Year Average Rate Of Adult Inpatient Visits For Substance Related Disorders: Winnebago County And Illinois, 2017-2019**

	Winnebago County	Illinois
Rate of Visit	9.3	13.4
<b>Race or Ethnicity</b>		
Black/African American	17.3	44.8
White	7.3	7.6
Hispanic	4.8	6.9
Illinois Public Health Community Map [ <a href="https://healthcarereportcard.illinois.gov/map">https://healthcarereportcard.illinois.gov/map</a> ]		
Rates reported by 10,000		





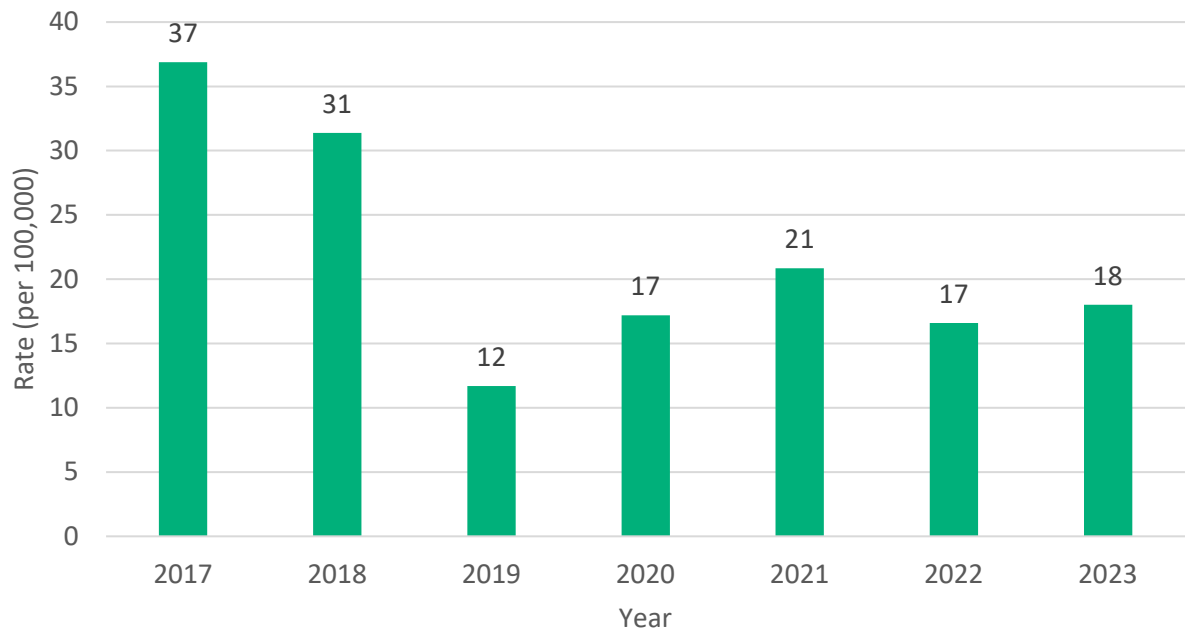
#### iv. Alcohol

In Winnebago County in 2022, 22% of adults report binge or heavy drinking within the past 30 days. In Illinois 23% of adults report binge or excessive drinking. (For information on alcohol impaired driving see Table 73.)

Table 53. Drug And Alcohol Behaviors: Winnebago County And Illinois, 2021-2022				
	2021		2022	
	Winnebago County	Illinois	Winnebago County	Illinois
% Excessive Drinking <sup>a</sup>	19%	22%	22%	23%
Source: Robert Wood Johnson Foundation. (2019-2023). County Health Rankings & Roadmaps. Illinois Rankings Data. [ <a href="https://www.countyhealthrankings.org/explore-health-rankings/rankings-data-documentation">https://www.countyhealthrankings.org/explore-health-rankings/rankings-data-documentation</a> ]				
<sup>a</sup> Percentage of adults reporting binge or heavy drinking. The 2023 County Health Rankings used data from 2020 for this measure.				

In Winnebago County from 2017 to 2023 there were 429 Alcohol-Related Emergency Department Visits. Rates per 100,000 are shown in Figure 22 by year. In 2023, age groups 30-39 and 60-69 were the demographic with the most Alcohol-Related Emergency Department Visits. White individuals comprised 52% of the visits, while Black/African Americans represented 17% and those of Hispanics/Latino ethnicity totaled 8%.

**Figure 23. Alcohol Related ER Visit Rates: Winnebago County, 2017-2023**



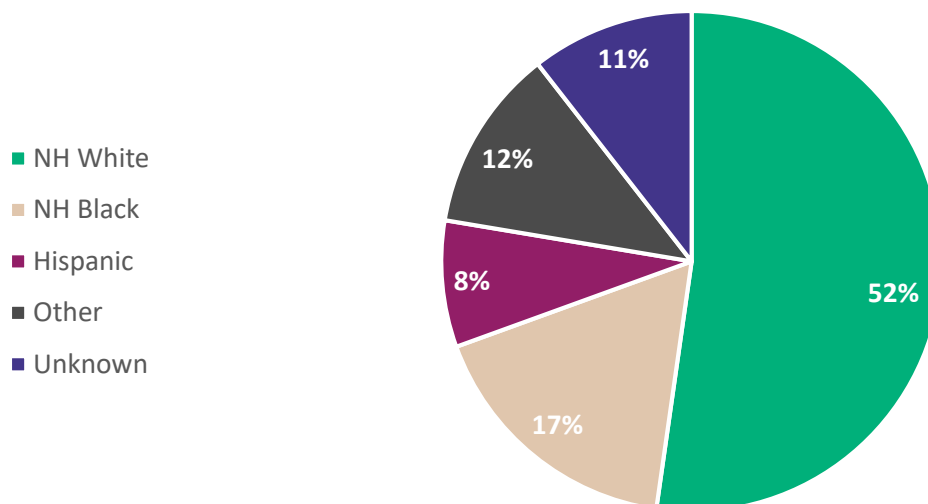
Source: National Syndromic Surveillance Program (NSSP) Centers for Disease Control and Prevention.

[<https://www.cdc.gov/nssp/overview.html#bioSense>]

Note: ED Visits which are coded as alcohol related visits (ICD-10 T51 or Y90)

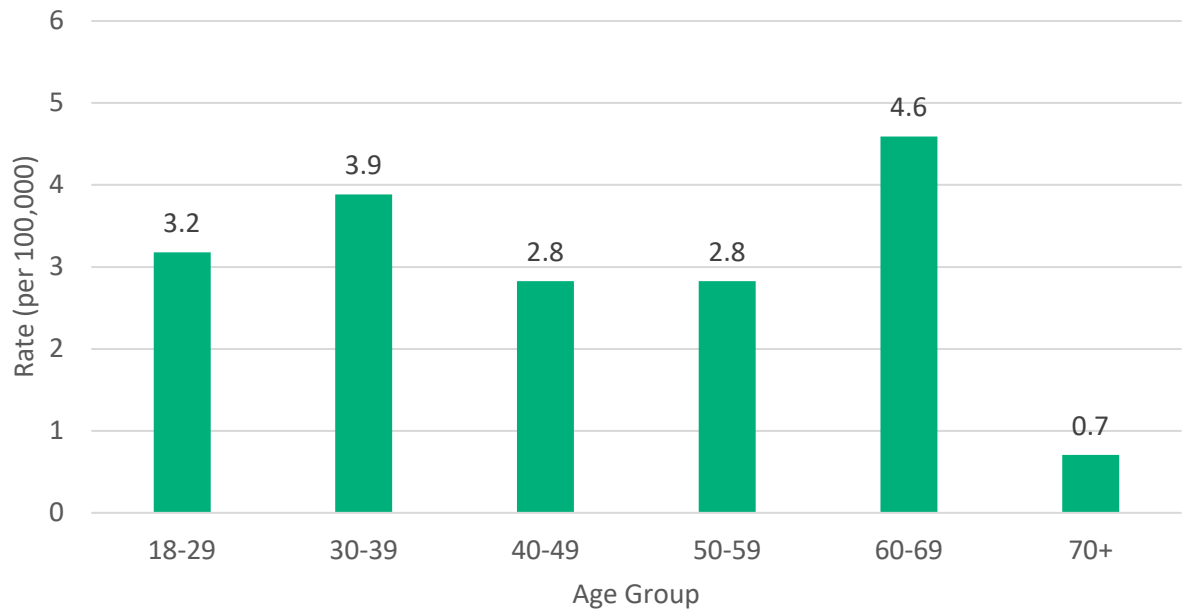
Crude rate per 100,000

**Figure 24. Alcohol Related ER Visit Rates By Race: Winnebago County, 2023**



Source: National Syndromic Surveillance Program (NSSP) Centers for Disease Control and Prevention.  
[<https://www.cdc.gov/nssp/overview.html#bioSense>]  
Note: ED Visits which are coded as alcohol related visits (ICD-10 T51 or Y90)

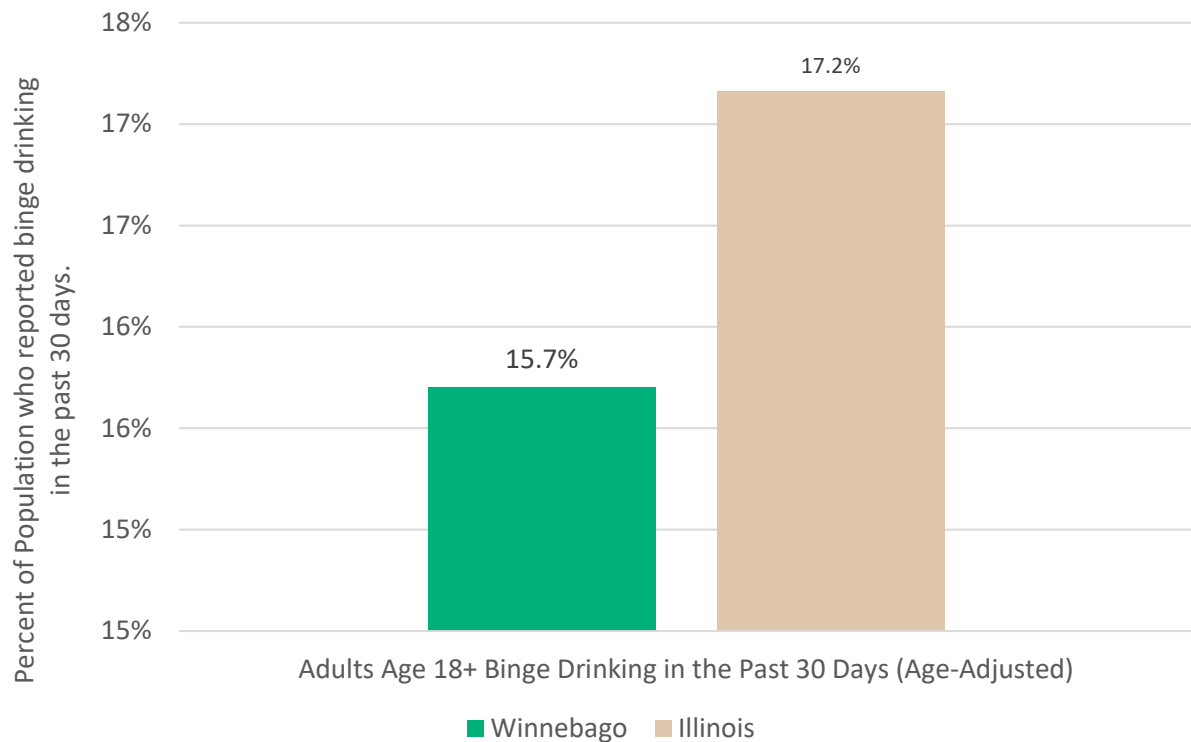
**Figure 25. Alcohol Related ER Visit Rates By Age: Winnebago County, 2023**



Source: National Syndromic Surveillance Program (NSSP) Centers for Disease Control and Prevention.  
[<https://www.cdc.gov/nssp/overview.html#bioSense>]  
Note: ED Visits which are coded as alcohol related visits (ICD-10 T51 or Y90)  
Crude rate per 100,000

CDC defines binge drinking as four (4) or more drinks for women, or five (5) or more drinks for men during an occasion in the past 30 days. In Winnebago County, 15.7% of adults report binge drinking in the past 30 days compared to 17.2% in Illinois.

**Figure 26. Binge Drinking: Winnebago County And Illinois, 2021**



Data Source: Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System. Accessed via the PLACES Data Portal. 2021 [[https://data.cdc.gov/500-Cities-Places/PLACES-Local-Data-for-Better-Health-County-Data-20/swc5-untb/about\\_data](https://data.cdc.gov/500-Cities-Places/PLACES-Local-Data-for-Better-Health-County-Data-20/swc5-untb/about_data)]

This indicator reports the percentage of adults age 18 and older who report having five or more drinks (men) or four or more drinks (women) on an occasion in the past 30 days.

### c. Maternal and Child Health

Maternal and child health refers to the experiences of women before, during, and one year following pregnancy, along with the health and well-being of children. Maternal and Child Health continues to be an area of focus for Winnebago County. From 2016 to 2021, infant mortality and maternal morbidity rates increased, disproportionately affecting Black/African Americans. Infant mortality rates are 2.3 times higher, and low birth weight rates doubled compared to White and those of Hispanic/Latino ethnicity. Severe maternal morbidity remains elevated, and teen birth rates, though declining, still exceed Illinois' average.

#### i. Births

From 2010 to 2021, there was an average annual decrease in the number of births both in Winnebago County (1.1%), and Illinois (2.0%).

**Table 54. Annual Number Of Births: Winnebago County And Illinois, 2010-2021**

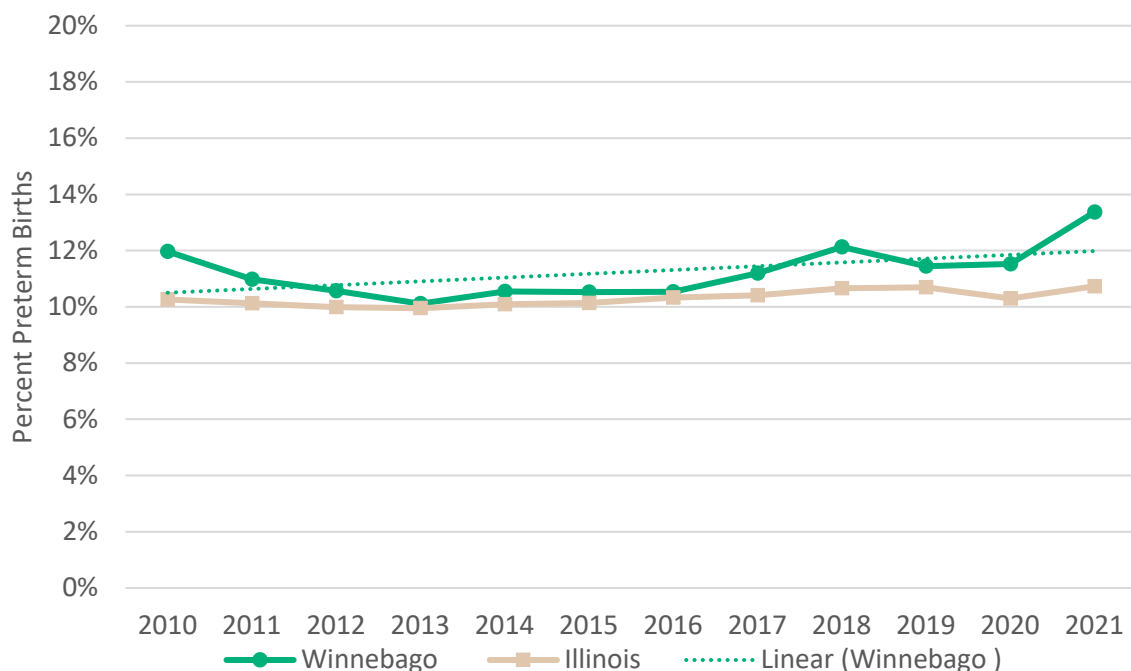
Year	Winnebago County	Illinois
2010	3,758	164,998
2011	3,661	161,234
2012	3,586	159,152
2013	3,530	156,918
2014	3,651	158,522
2015	3,621	158,101
2016	3,712	154,467
2017	3,500	149,390
2018	3,496	144,828
2019	3,441	104,145
2020	3,374	133,304
2021	3,283	132,221

Source: Illinois Department of Public Health, Births by County of Residence 2010-2021 [<https://dph.illinois.gov/data-statistics/vital-statistics/birth-statistics.html>]

## Preterm births

Preterm births have been increasing for both Winnebago County and Illinois from 2013 to 2021, with the largest increase in Winnebago County being from 2020 (11.5%) to 2021 (13.4%).

**Figure 27. Annual Percent Of Preterm<sup>a</sup> Births: Winnebago County And Illinois, 2010-2021**



Source: Illinois Department of Public Health, Births by County of Residence 2010-2021 [<https://dph.illinois.gov/data-statistics/vital-statistics/birth-statistics.html>]

<sup>a</sup>Preterm births are births <37 weeks

**Table 55. Percent Of Preterm Births by Maternal Demographic Characteristics: Winnebago County, 2018-2023**

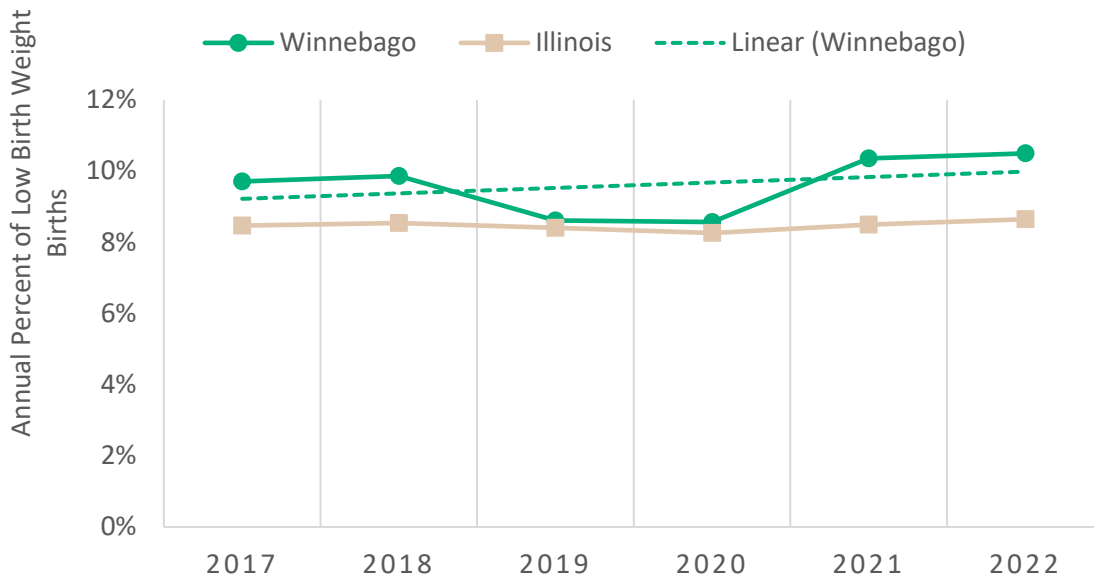
Race/Ethnicity	Winnebago County
NH Black/African American	17.1%
More than One Race	12.2%
Hispanic/Latino	11.2%
NH White	10.7%
Centers for Disease Control and Prevention, National Center for Health Statistics. National Vital Statistics System, Natality on CDC WONDER Online Database. Data are from the Natality Records 2007-2022, as compiled from data provided by the 57 vital statistics jurisdictions through the Vital Statistics Cooperative Program. Accessed at <a href="http://wonder.cdc.gov/natality-current.html">http://wonder.cdc.gov/natality-current.html</a>	
Preterm births are births <37 weeks	

## Low Birth Weight

There has been an increase in the percentage of low birth weight births in Winnebago County between 2017-2022 with higher percentages after 2020. The percentage of low birth weight births peaked at 10.4% in 2021. There is a disparity with a higher percentage of Black/African Americans births (15.2%) as compared to White births (7.7%) at almost two (2) times the rate. Rates for the state of Illinois have remained stable from 2017-2022.



**Figure 28. Annual Percent Of Low Birth Weight Births<sup>a</sup>: Winnebago County And Illinois, 2017-2022**



Centers for Disease Control and Prevention, National Center for Health Statistics. National Vital Statistics System, Natality on CDC WONDER Online Database. Data are from the Natality Records 2007-2022, as compiled from data provided by the 57 vital statistics jurisdictions through the Vital Statistics Cooperative Program. Accessed at <http://wonder.cdc.gov/natality-current.html>  
 "Low Birthweight" is any live births weighing <2,500 grams (~5 lbs., 8oz.)

**Table 56. Annual Percent Of Low Birth Weight<sup>a</sup> Births: Winnebago County And Illinois, 2017-2022**

Year	Winnebago County	Illinois
2017	9.7%	8.5%
2018	9.9%	8.5%
2019	8.6%	8.4%
2020	8.6%	8.3%
2021	10.4%	8.5%
2022	10.5%	8.6%

Centers for Disease Control and Prevention, National Center for Health Statistics. National Vital Statistics System, Natality on CDC WONDER Online Database. Data are from the Natality Records 2007-2022, as compiled from data provided by the 57 vital statistics jurisdictions through the Vital Statistics Cooperative Program. Accessed at <http://wonder.cdc.gov/natality-current.html>

"Low Birthweight" is any live births weighing <2,500 grams (~5 lbs., 8oz.)

**Table 57. Percent Of Low Birth Weight<sup>a</sup> Births By Race/Ethnicity, 7-Year Average: Winnebago County, 2016-2022**

Race/Ethnicity	Winnebago County
Black/African American	15.2%
More than 1 Race	11.0%
Asian	9.7%
Hispanic/Latino	8.2%
White	7.7%

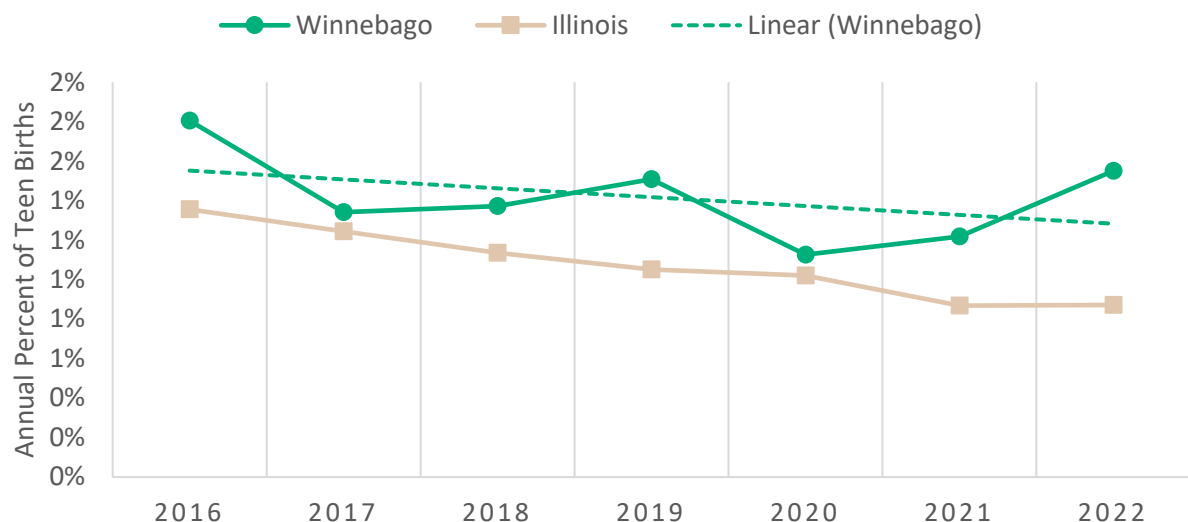
Centers for Disease Control and Prevention, National Center for Health Statistics. National Vital Statistics System, Natality on CDC WONDER Online Database. Data are from the Natality Records 2007-2022, as compiled from data provided by the 57 vital statistics jurisdictions through the Vital Statistics Cooperative Program. Accessed at <http://wonder.cdc.gov/natality-current.html>

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

## Teen Births

Overall, teen births (< 18 years) have declined in Winnebago County and Illinois over the 2016-2020 period, but increased from 2020-2022. Teen birth rates in Winnebago County are higher than the state. From 2020 to 2022, Winnebago County saw an increase of 0.5% and the state saw a decrease of 0.1% percent.

**Figure 29. Annual Percent Of Teen Births (<18 Years): Winnebago County And Illinois, 2016-2022**

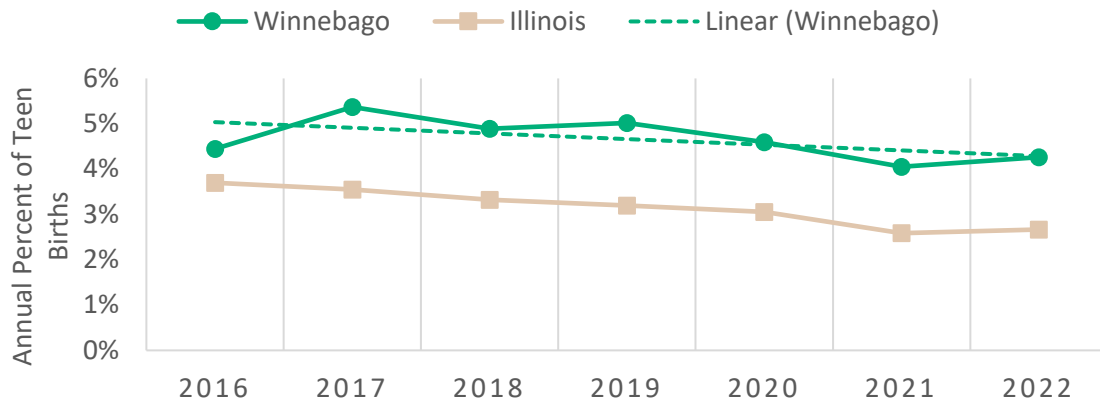


Centers for Disease Control and Prevention, National Center for Health Statistics. National Vital Statistics System, Natality on CDC WONDER Online Database. Data are from the Natality Records 2016-2022, as compiled from data provided by the 57 vital statistics jurisdictions through the Vital Statistics Cooperative Program. Accessed at <http://wonder.cdc.gov/natality-expanded-current.html>



Overall, teen births (18-19 years) have declined in Winnebago County and Illinois over the 2016-2021 period, but increased from 2021-2022. Teen birth (18-19 years) rates in Winnebago County are higher than the state. From 2021 to 2022, Winnebago County saw an increase of 0.2% and the state saw a decrease of 0.1% percent.

**Figure 30. Annual Percent Of Teen Births (18-19 Years): Winnebago County And Illinois, 2016-2022**



Centers for Disease Control and Prevention, National Center for Health Statistics. National Vital Statistics System, Natality on CDC WONDER Online Database. Data are from the Natality Records 2016-2022, as compiled from data provided by the 57 vital statistics jurisdictions through the Vital Statistics Cooperative Program. Accessed at <http://wonder.cdc.gov/natality-expanded-current.html>

## ii. Smoking During Pregnancy

While the percentage of women who smoke during pregnancy declined from 2016 – 2022 consistent with the decrease in the state, the percentage remained more than double for Winnebago County at 9.3% in 2022 as compared to Illinois at 3.6%.

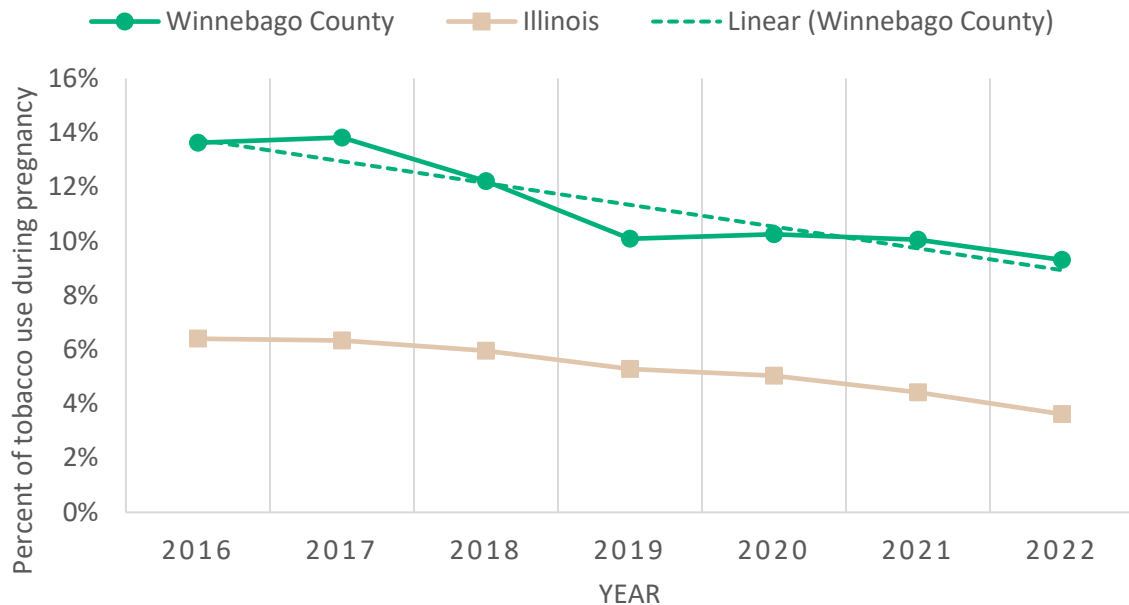
**Table 58. Annual Percent Of Tobacco Use During Pregnancy: Winnebago County And Illinois, 2016-2022**

Year	Winnebago County	Illinois
2016	13.6%	6.4%
2017	13.8%	6.3%
2018	12.2%	6.0%
2019	10.1%	5.3%
2020	10.3%	5.0%
2021	10.1%	4.4%
2022	9.3%	3.6%

Centers for Disease Control and Prevention, National Center for Health Statistics. National Vital Statistics System, Natality on CDC WONDER Online Database. Data are from the Natality Records 2007-2022, as compiled from data provided by the

57 vital statistics jurisdictions through the Vital Statistics Cooperative Program. Accessed at <http://wonder.cdc.gov/natality-current.html>

**Figure 31. Tobacco Use During Pregnancy: Winnebago County And Illinois: 2016-2022**

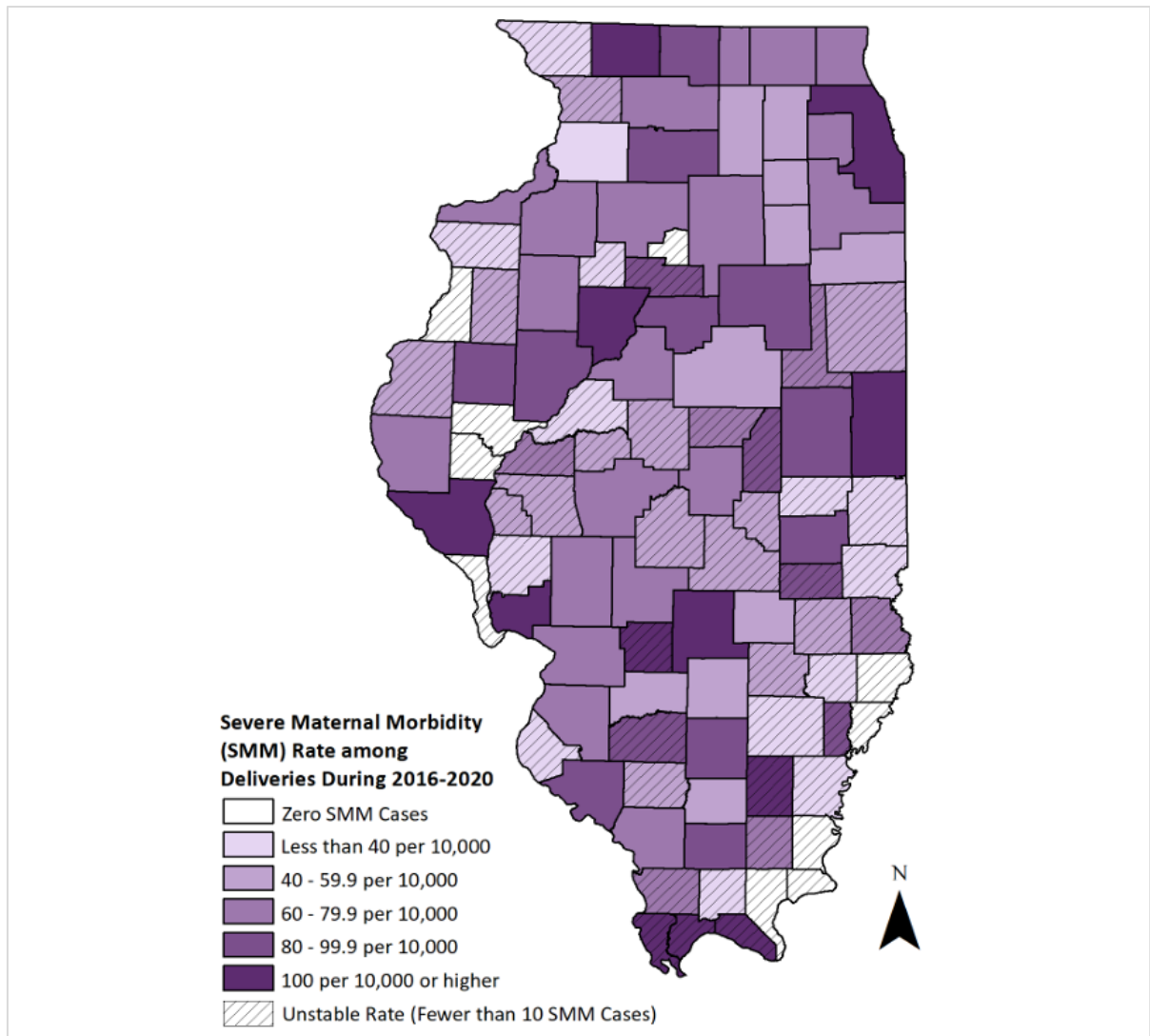


Centers for Disease Control and Prevention, National Center for Health Statistics. National Vital Statistics System, Natality on CDC WONDER Online Database. Data are from the Natality Records 2007-2022, as compiled from data provided by the 57 vital statistics jurisdictions through the Vital Statistics Cooperative Program. Accessed at <http://wonder.cdc.gov/natality-current.html>

### iii. Maternal Morbidity

Severe maternal morbidity (SMM) refers to a group of potentially life-threatening, unexpected maternal conditions or complications that occur during labor and delivery. Some types of severe maternal morbidity may cause long-lasting health problems that extend beyond pregnancy. For this report, a woman was classified as having severe maternal morbidity if any of 20 types of severe complications were listed on the billing record for her delivery hospital stay. Average rates of Maternal Morbidity and Severe Maternal Morbidity (SMM) in Winnebago County remained higher from 2016 to 2022 than the state of Illinois for the same time period. The Winnebago County SSM rate for this period was 80 – 99.9 per 100,000.

**Map 4. IDPH Rate Of Severe Maternal Morbidity And Mortality Report: All Illinois Counties, 2023**

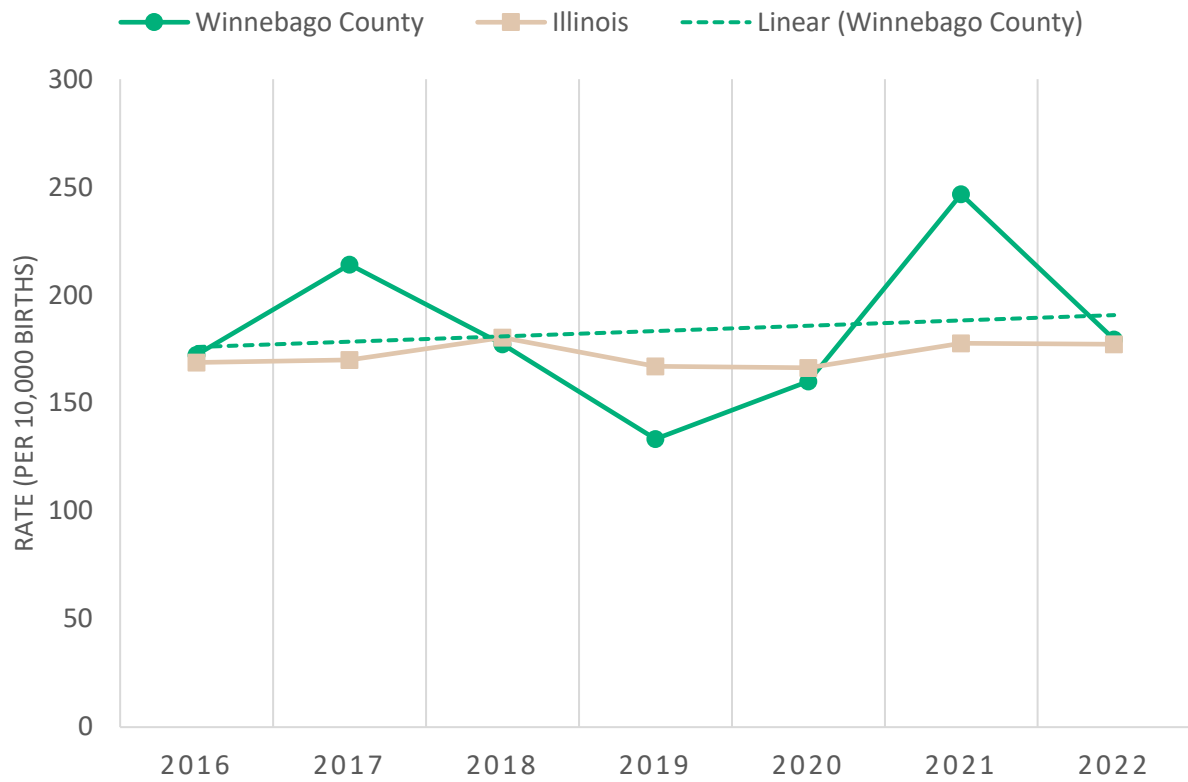


Source: IDPH Maternal Morbidity and Mortality Report, October 2023

[<https://dph.illinois.gov/content/dam/soi/en/web/idph/publications/idph/topics-and-services/life-stages-populations/maternal-child-family-health-services/maternal-health/mmmr/maternal-morbidity-mortality-report2023.pdf>]

“Severe maternal morbidity” refers to a group of potentially life-threatening, unexpected maternal conditions or complications that occur during labor and delivery. Some types of severe maternal morbidity may cause long-lasting health problems that extend beyond the pregnancy. For this report, a woman was classified as having severe maternal morbidity if any of 20 types of severe complications were listed on the billing record for her delivery hospital stay.

**Figure 32. Rate Of Maternal Morbidity: Winnebago County And Illinois, 2016-2022**



Source: Centers for Disease Control and Prevention, National Center for Health Statistics. National Vital Statistics System, Natality on CDC WONDER Online Database. Data are from the Natality Records 2016-2022, as compiled from data provided by the 57 vital statistics jurisdictions through the Vital Statistics Cooperative Program. Accessed at <http://wonder.cdc.gov/natality-expanded-current.html>

\*Maternal Morbidity includes any case with Maternal Transfusion, Third or Fourth Degree Perineal Laceration, Ruptured Uterus, Unplanned Hysterectomy, or Admission to Intensive Care Unit.

#### iv. Infant and Child Mortality

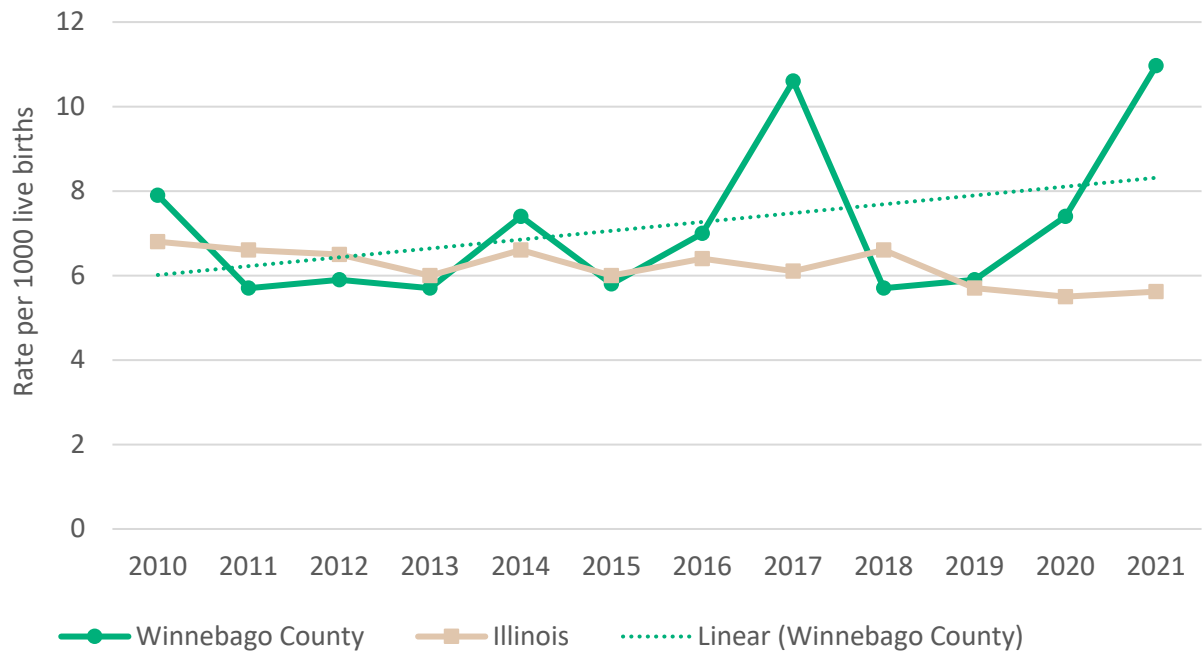
##### Infant Mortality

The Infant Mortality Rate, which measures deaths among children under 1 year per 1,000 live births, has shown significant variability since 2010 ranging from a high of 11 to a low of 5.7. The most notable increase was from 7.4 in 2020 to 11.0 in 2021. In 2021, the Infant Mortality Rate in Winnebago County (11.0) was double that of the State of Illinois (5.6).

**Table 59. Annual Infant Mortality Rates<sup>a</sup>: Winnebago County And Illinois, 2010-2021**

Year	Winnebago County	Illinois
2010	7.9	6.8
2011	5.7	6.6
2012	5.9	6.5
2013	5.7	6.0
2014	7.4	6.6
2015	5.8	6.0
2016	7.0	6.4
2017	10.6	6.1
2018	5.7	6.6
2019	5.7	5.7
2020	7.4	5.5
2021	11.0	5.6
Centers for Disease Control and Prevention, National Center for Health Statistics. National Vital Statistics System, Linked Birth / Infant Deaths on CDC WONDER Online Database. Data are from the Linked Birth / Infant Deaths Records 2017-2021, as compiled from data provided by the 57 vital statistics jurisdictions through the Vital Statistics Cooperative Program. Accessed at <a href="http://wonder.cdc.gov/lbd-current-expanded.html">http://wonder.cdc.gov/lbd-current-expanded.html</a>		
<sup>a</sup> Rate = (# infant deaths/ # registered live births) *1,000		
Infant death- deaths of children under 1 year of age.		

**Figure 33. Annual Infant Mortality Rates<sup>a</sup>; Winnebago County And Illinois, 2010-2021**



Centers for Disease Control and Prevention, National Center for Health Statistics. National Vital Statistics System, Linked Birth / Infant Deaths on CDC WONDER Online Database. Data are from the Linked Birth / Infant Deaths Records 2017-2021, as compiled from data provided by the 57 vital statistics jurisdictions through the Vital Statistics Cooperative Program. Accessed at <http://wonder.cdc.gov/lbd-current-expanded.html>

<sup>a</sup>Rate = (# infant deaths/ # registered live births) \*1,000  
 Infant death- deaths of children under 1 year of age.

In Winnebago County, the infant mortality rate is more than double (2.3) among Black/African Americans at 14 per 1,000 live births than among Whites and those of Hispanic/Latino ethnicity at 6 per 1,000 live births.

Table 60. Infant Mortality Rate by Race/Ethnicity, 7-Year Average: Winnebago County, 2015-2021	
Race/Ethnicity	Winnebago
Black/African American	14
White	6
Hispanic	6
Source: University of WI Population Health Institute, County Health Rankings & Roadmaps, 2023. [https://www.countyhealthrankings.org/explore-health-rankings/illinois/winnebago?year=2024]	
<sup>a</sup> Rate = deaths among children <1 year per 1,000 live births.	

## Child Mortality

Overall, the child mortality rate for Winnebago County is above the Illinois rate. The disparity is of particular note for Black/African American children who have a mortality rate 2.5 times their White and Hispanic/Latino counterparts.

Table 61. Child Mortality Rate <sup>a</sup> By Race/Ethnicity, 4-Year Average: Winnebago County And Illinois, 2018-2021	
Location	2018-2021 Rate Per 100,000 Population
Illinois	50
Winnebago County	70
Black/African American	150
White	60
Hispanic/Latino	60
Source: University of WI Population Health Institute, County Health Rankings, 2024 [ <a href="https://www.countyhealthrankings.org/health-data/illinois/winnebago?year=2024">https://www.countyhealthrankings.org/health-data/illinois/winnebago?year=2024</a> ]	
<sup>a</sup> Number of deaths among children <20 years per 100,000 population.	
Note: Asterisks (*) denote suppressed data with less than 10 child deaths in the time frame.	

### v. Women, Infants and Children (WIC)

While the assigned WIC caseload has fluctuated from 2018 to 2023 based on funding, the average monthly caseload in Winnebago County has decreased 6%. Based on population estimates of eligible WIC participants in Winnebago County, 23% were not receiving WIC benefits.

Table 62. Annual WIC Average Monthly Caseload: Winnebago County, 2018-2023	
Year	Average Monthly Caseload
2018	5,692
2019	6,153
2020	5,453
2021	4,785
2022	6,227
2023	5,376

The total percentage of infants enrolled in WIC in Winnebago County who are breastfeeding (38.9%) is similar to that of the state average (38.6%). The percent of infants being exclusively breastfed (11.6%) is slightly higher than the state average (10%).

## vi. Prenatal Care

In 2021, Winnebago County experienced a higher percentage of births with Adequate Prenatal Care (defined as starting prenatal care in the fourth month of pregnancy with the appropriate number of prenatal visits based on the infant's gestational age), with at least 82% of births receiving adequate prenatal care for Winnebago County compared to Illinois (78%).

**Table 63. Percent of Births Receiving Adequate Prenatal Care: Winnebago County And Illinois, 2018-2021**

Year	Winnebago County	Illinois
2018	83%	74%
2019	84%	76%
2020	78%	73%
2021	82%	78%

Source: Illinois Department of Public Health, Births by County of Residence 2010-2021 [<https://dph.illinois.gov/data-statistics/vital-statistics/birth-statistics.html>]

## vii. Childcare Assistance and Early Education Programs

In 2019, 2,538 children were funded through the Illinois Department of Human Services for child care, allowing parents and guardians to work, attend vocational training, or attend school.

**Table 64. Children Receiving Assistance By Family Location<sup>a</sup>, Childcare Assistance Program (CCAP): Winnebago County And Illinois, FY 2019**

	Winnebago County	Illinois
0-1 year	750	21,222
2 years	498	15,452
3-4 years	919	29,932
5 years	371	10,479
<b>Total</b>	<b>2,538</b>	<b>77,058</b>

Source: Illinois Department of Human Services (IDHS)

Table: Illinois Early Childhood Asset Map (IECAM) [<https://db.iecam.illinois.edu/cgi-bin/iecam/search2.asp>]

<sup>a</sup>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.

\*Data suppression for numbers less 10.

Winnebago County has programming funded through the Illinois Department of Human Services and Illinois State Board of Education to support early childhood education and childcare including Head Start, Preschool for All, and Early Intervention.



**Table 65. Childcare And Early Education Programs: Winnebago County And Illinois, FY 2023**

	Winnebago County	Illinois
<b>Head Start Program<sup>a</sup></b>		
Number of Sites <sup>b</sup>	4	405
Funded enrollment for family child care homes <sup>c</sup>	0	81
Funded Enrollment <sup>d</sup>	534	17,279
<b>Licensed Child Care Centers</b>		
Number of Sites <sup>e</sup>	23	2,069
<b>Family Childcare Homes<sup>f</sup></b>		
Number of Sites <sup>g</sup>	161	4,171
<b>ISBE Preschool for All (PFA)<sup>h</sup></b>		
Number of Sites <sup>i</sup>	11	1,295
<b>IDHS Early Intervention Program<sup>j</sup></b>		
Number of Children Served <sup>k</sup>	550	23,491
Sources: Head Start Collaboration Office, Illinois Network of Child Care Resource and Referral Agencies (INCCRRA), Illinois State Board of Education (ISBE), Illinois Department of Human Services (IDHS) Early Intervention Program (FY 2017) Tables: Illinois Early Childhood Asset Map (IECAM) [ <a href="https://db.iecam.illinois.edu/cgi-bin/iecam/search2.asp">https://db.iecam.illinois.edu/cgi-bin/iecam/search2.asp</a> ]		
<sup>a</sup> Federally-funded program providing early childhood developmental services to children from low-income families.		
<sup>b</sup> Number of sites at which children are served in Head Start. Includes only center-based service, does not include home-based service.		
<sup>c</sup> Number of sites at which children are served in Head Start. Includes only center-based service, does not include home-based service.		
<sup>d</sup> Total number of children that a Head Start center is funded by the Office of Head Start to enroll at any one time.		
<sup>e</sup> 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 centers that served "summer only".		
<sup>f</sup> Family homes where care is provided to more than three children--related/unrelated to the caregiver.		
<sup>g</sup> Minimum known number of family child care homes licensed by DCFS in a geographic area.		
<sup>h</sup> 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.		
<sup>i</sup> Number of sites where children are served in ISBE PFA programs.		
<sup>j</sup> 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.		
<sup>k</sup> 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).		

See Supplementary Tables 19 - 27 for additional data on maternal and child health.



## d. Mortality Injury and Illness

This section focuses on chronic and acute illness that has a significant impact on the daily life of Winnebago County residents and places a significant burden on the healthcare system. In Winnebago County there were 3,457 deaths in 2022. The top five (5) leading causes of death in 2021 were heart disease, cancer, accidents, chronic lower respiratory disease, and cerebrovascular disease. In 2023, the homicide rate was 8.2 per 100,000 population. In 2021, the suicide rate was 15 per 100,000 population. The opioid overdose rate was 49.5 in 2022.

Cancer death rates for lung, breast, and prostate are higher in Winnebago County than the State of Illinois and the United States.

### i. Total Fatalities

In 2022 there were 3,457 deaths in Winnebago County and 122,977 in Illinois. Between 2019 and 2021 there was a 16% increase in deaths in Winnebago County, and a 22% increase in Illinois.

**Table 66. Total Deaths Winnebago County, Illinois, 2017-2022**

Year	Winnebago County		Illinois	
	N	rate	n	rate
2017	3,056	1073.1	109,726	857.1
2018	3,062	1077.5	110,012	863.5
2019	3,002	1063.1	108,937	860.9
2020	3,489	1239.3	132,701	1053.9
2021	3,541	1250.7	125,102	986.8
2022	3,457	1225.1	122,977	977.3

Sources: Illinois Department of Public Health (IDPH). (2014-2018). Death Statistics. Number of Deaths by Resident County, Illinois Residents, 2010-2018. [<http://www.dph.illinois.gov/data-statistics/vital-statistics/death-statistics>]

### ii. Underlying Cause of Death

In Winnebago County the top five (5) leading causes of death were heart disease, followed by cancer, accidents, chronic lower respiratory disease, and cerebrovascular disease. Winnebago County and the state share the top leading causes of death.

**Table 67. Underlying Cause Of Death: Winnebago County, 2021**

Cause Of Death	Winnebago	
	N	rate
Heart Disease	766	270.6
Cancer (Malignant Neoplasms)	622	219.7
Accidents (unintentional injuries)	265	93.6
Chronic Lower Respiratory Disease	191	67.5
Cerebrovascular Disease	187	66
Alzheimer's Disease	147	51.9
Nephritis, Nephrotic Syndrome, Nephrosis	84	29.7
Diabetes Mellitus	82	29
Septicemia	61	21.5
Chronic Liver Disease and Cirrhosis	53	18.7
Parkinson's Disease	43	15.2
Intentional Self Harm (Suicide)	41	14.5
Influenza and Pneumonia	40	14.1
Pneumonitis Due to Solids and Liquids	34	12
Assault (Homicide)	28	9.9
Essential Hypertension, Hypertensive Renal Disease	22	7.8
In Situ, Benign, Uncertain/Unknown Behaving Neoplasms	15	*
Centers for Disease Control and Prevention, National Center for Health Statistics. Underlying Cause of Death 2018-2021 on CDC WONDER Online Database, released in 2021. Data are from the Multiple Cause of Death Files, 2018-2021, as compiled from data provided by the 57 vital statistics jurisdictions through the Vital Statistics Cooperative Program. [ <a href="http://wonder.cdc.gov/ucd-icd10-expanded.html">http://wonder.cdc.gov/ucd-icd10-expanded.html</a> ]		
n = deaths, rate= crude rates		
* = unreliable = death rate calculated with a numerator of 20 or less		

### iii. Premature Death

In Winnebago County from 2018 to 2020, 9,700 years of potential life are lost due to premature death, which refers to deaths occurring before the age of 75. In Illinois 7,100 years were lost from 2018 to 2020. Disparities for Black/African American residents persisted with 16,300 potential years of life lost compared to Whites at 9,100 years and Hispanic/Latinos at 6,500 years.

Table 68. Premature Death (Death Before Age 75): Winnebago County And Illinois, 2018-2020		
	Winnebago County	Illinois
Years of Potential Life Lost (YPLL) <sup>a</sup>	9,700	7,100
YPLL Black/African American	16,300	b
YPLL White	9,100	
YPLL Hispanic/Latino	6,500	
Sources: Robert Wood Johnson Foundation (2023). County Health Rankings & Roadmaps. Illinois Rankings Data. [https://www.countyhealthrankings.org/explore-health-rankings/illinois/winnebago?year=2023]		
<sup>a</sup> Years of potential life lost before age 75 per 100,000 population (age-adjusted). The 2023 County Health Rankings used data from 2018-2020 for this measure.		
<sup>b</sup> Data is not available		

The Age-Adjusted Mortality (AAM) rate in Winnebago County is 480 per 100,000, three (3) times the AAM for the state of Illinois at 159 per 100,000. In Winnebago County Black/African Americans have the highest AAM at 725 as compared to their White and Hispanic/Latino counterparts at 438 and 290 respectively.

Table 69. Premature Age-Adjusted Mortality <sup>h</sup> : Winnebago County And Illinois, 2018-2020		
	Winnebago County	Illinois
# Deaths	4,576	155,530
Age-Adjusted Mortality (AAM)	480	159
AAM Black/African American	725	640
AAM White	438	326
AAM Hispanic	290	259
Sources: Robert Wood Johnson Foundation (2023). County Health Rankings & Roadmaps. Illinois Rankings Data. [https://www.countyhealthrankings.org/explore-health-rankings/illinois/winnebago?year=2023]		
<sup>b</sup> Data is not available		
<sup>h</sup> Number of deaths among residents under age 75 per 100,000 population (age-adjusted). The 2023 County Health Rankings used data from 2018-2020 for this measure.		

### iv. Injuries and Injury Fatalities

In Winnebago County the rate of hospitalization for injuries is 54.6 per 10,000, and the rate for state of Illinois is 43.2 per 10,000. Adults were more likely to be hospitalized as compared to pediatric or elderly



residents. White residents had higher rates for hospitalization injury than their Black/African American or Hispanic/Latino counterparts.

Table 70. 3-Year Average Rate Of Inpatient Hospitalization Injuries: Winnebago County And Illinois, 2017-2019		
	Winnebago County	Illinois
Rate of Hospitalization	54.6	43.2
<b>Age</b>		
Pediatric	10.8	10.4
Adult	42.7	30.3
Elderly	146.0	147.8
<b>Race or Ethnicity</b>		
White	62.3	49.1
Black/African American	54.7	50.1
Hispanic/Latino	22.9	19.8
Source: Illinois Public Health Community Map [ <a href="https://healthcarereportcard.illinois.gov/map">https://healthcarereportcard.illinois.gov/map</a> ]		
Rates reported by 10,000		

The injury mortality rate of 118.3 per 100,000 population in Winnebago County is significantly higher than the state of Illinois at 1.4 times the rate (84.8) per 10,000 throughout all of Illinois. Males, Black/African Americans, and Non-Hispanics have an elevated death rate.

Table 71. Fatal Injuries: Winnebago County, Illinois 2021		
	Winnebago County	Illinois
# Injury Death	335	10,748
Injury Mortality Rate	118.3	84.8
Source: Centers for Disease Control and Prevention, National Center for Health Statistics. National Vital Statistics System, Mortality 2018-2022 on CDC WONDER Online Database, released in 2024. Data are from the Multiple Cause of Death Files, 2018-2022, as compiled from data provided by the 57 vital statistics jurisdictions through the Vital Statistics Cooperative Program. Accessed at <a href="http://wonder.cdc.gov/mcd-icd10-expanded.html">http://wonder.cdc.gov/mcd-icd10-expanded.html</a>		
Rates are death rates per 100,000, crude, unsmoothed		

**Table 72. Fatal Injury: Winnebago County And Illinois, 2021**

Characteristics	Winnebago County		Illinois	
	n	rate	n	rate
<b>Age-adjusted rate</b>				
0-4 yrs.	a	a	114	n/a
5-9 yrs.	a	a	35	4.6
10-14 yrs.	a	a	69	8.4
15-19 yrs.	12	unreliable	432	51.7
20-24 yrs.	18	unreliable	744	91.3
25-29 yrs.	29	162.5	965	113.4
30-34 yrs.	32	180.4	927	107.5
35-39 yrs.	36	210.2	889	103.8
40-44 yrs.	26	156.2	714	86.6
45-49 yrs.	22	134.6	748	96.9
50-54 yrs.	31	173.2	839	103.7
55-59 yrs.	35	184.9	904	109.0
60-64 yrs.	19	unreliable	727	88.6
65-69 yrs.	13	unreliable	518	74.3
70-74 yrs.	12	unreliable	415	73.7
75-79 yrs.	a	a	386	106.3
80-84 yrs.	14	unreliable	388	162.9
85+	15	unreliable	933	n/a
<b>Race</b>				
White	238	106.5	7074	73.2
Black/African American	87	214.8	3429	183.7
American Indian/Alaska Native	a	a	a	a
Asian/Pacific Islander	a	a	161	20.9
<b>Sex</b>				
Males	231	166.4	7,714	123.1
Females	104	72.1	3,034	47.4
<b>Intent of Injury</b>				
Unintentional	265	93.6	7,664	60.5
Suicide	41	14.5	1,454	11.5
Homicide	28	9.9	1,487	11.7
Undetermined intent	a	a	123	1.0
Legal Intervention	0	0.0	30	0.2
<b>Mechanism of Injury</b>				
Cut/Pierce	0	0.0	80	0.6
Drowning	a	a	179	1.4

Fall	39	13.8	1,495	11.8
Fire/Burn	a	a	168	1.3
Firearm	48	17.0	1,995	15.7
Machinery	0	0.0	12	unreliable
Motor Vehicle Traffic	63	22.3	1,428	11.3
Overexertion	0	0.0	0	0.0
Poisoning*	152	53.7	3,912	30.9
Struck by/against	0	0.0	33	0.3
Suffocation	a	a	777	6.1
Unspecified	a	a	315	2.5
Source: Centers for Disease Control and Prevention. CDC Wonder. <a href="http://wonder.cdc.gov/">http://wonder.cdc.gov/</a>				
Rates are death rates per 100,000, crude, unsmoothed				
ª Data suppression				
*Includes drug overdose as a subset of all poisonings				

#### v. Vehicle Fatalities

Of the 49 driving deaths in Winnebago County in 2021, 20 (41%) involved alcohol, 17 (35%) involved speeding, and 12 (24%) involved pedestrians, compared to the state of Illinois, 35% of driving deaths involved alcohol; 37% involved speeding, and 16% involved pedestrians.

Table 73. Vehicle Related Fatalities: Winnebago County And Illinois, 2021		
Accident Type	Winnebago County	Illinois
<b>Total Fatalities (All Crashes)</b>	<b>49</b>	<b>1334</b>
Alcohol-Impaired Driving (BAC=.08+) Fatalities	20	461
Speeding Involved Crash Fatalities	17	487
Passenger Occupant Fatalities	17	844
Pedestrian Fatalities	12	209
Motorcyclist Fatalities	7	174
Bicyclist (or Other Cyclist) Fatalities	2	34
<b>Motorcyclist Fatalities</b>		
Helmet	7	174
No Helmet	3	62
Unknown	4	108
<b>Total</b>	<b>14</b>	<b>344</b>
State Traffic Safety Information (STSI) Measures for Illinois. National Highway Traffic Safety Administration (NHTSA). [ <a href="https://cdan.nhtsa.gov/SASStoredProcess/guest">https://cdan.nhtsa.gov/SASStoredProcess/guest</a> ]		
*A fatality can be in more than one category. Therefore, sum of the individual cells will not equal the total due to double counting		

In 2021, 37% of passenger vehicle occupancy deaths involved unrestrained occupants (not wearing a seat belt). Overall, passenger vehicle occupant fatalities have increased 80%. Fatalities in unrestrained passengers have increased by 400%.

Table 74. Passenger Vehicle Occupant Fatalities By Restraint Use: Winnebago County, 2017 – 2021										
Restraint Use	Fatalities					Fatalities Per 100,000 Population				
	2017	2018	2019	2020	2021	2017	2018	2019	2020	2021
Restrained	10	15	7	3	7	3.5	5.3	2.5	1.1	2.5
Unrestrained	2	2	5	6	10	0.7	0.7	1.8	2.1	3.5
Unknown Restraint Use	3	2	3	3	10	1.1	0.7	1.1	1.1	3.5
<b>Total</b>	<b>15</b>	<b>19</b>	<b>15</b>	<b>12</b>	<b>27</b>	<b>5.3</b>	<b>6.7</b>	<b>5.4</b>	<b>4.3</b>	<b>9.5</b>
Source: State Traffic Safety Information (STSI) Measures for Illinois. National Highway Traffic Safety Administration (NHTSA). [https://cdan.nhtsa.gov/SASStoredProcess/guest]										
Passenger vehicles include cars and light trucks such as pickups, SUVs, and vans with gross vehicle weight ratings of 10,000 pounds or less										

## vi. Homicide and Firearm Mortality

### Homicide Rate

The homicide rate in 2023 for Winnebago County was 8.2 per 100,000 population, similar to the state of Illinois at 8.5 but higher than the U.S. at 6.2. Overall, the homicide rate has been decreasing in Winnebago County with the highest rate of homicide in 2020 (13.9). The homicide rate is higher among Non-Hispanic Black/African Americans and males across Winnebago County, Illinois, and the U.S.

Table 75. Homicide <sup>a</sup> Rate Per 100,000 Population: Winnebago County, Illinois, US, 2018-2023			
	Winnebago County	Illinois	U.S.
<b>2018</b>	10.6	7.7	5.7
<b>2019</b>	8.5	7.7	5.8
<b>2020</b>	13.9	10.7	7.4
<b>2021</b>	9.9	11.7	7.8
<b>2022</b>	9.2	10.3	7.3
<b>2023<sup>b</sup></b>	8.2	8.5	6.2
Source: Centers for Disease Control and Prevention. CDC Wonder. <a href="http://wonder.cdc.gov/">http://wonder.cdc.gov/</a>			
a "Homicide" = Deaths in which assault was reported as the underlying cause of death (ICD-10 codes X85-Y09).			
<sup>b</sup> Data are provisional			



**Table 76. Homicide<sup>a</sup> Rate Per 100,000 Population: Winnebago County by Demographic Characteristics, 2018-2023**

	Winnebago County	Illinois	U.S.
<b>Overall</b>	10.0	7.7	5.7
<b>Race/Ethnicity</b>			
NH Black/African American	46.6	48.8	28.7
Hispanic/Latino	8.3	7.3	6.9
NH White	3.4	2.0	2.9
<b>Gender</b>			
Male	16.2	16.3	11.0
Female	4.2	2.9	2.7
Source: Centers for Disease Control and Prevention. CDC Wonder. <a href="http://wonder.cdc.gov/">http://wonder.cdc.gov/</a>			
<sup>a</sup> "Homicide" = Deaths in which assault was reported as the underlying cause of death (ICD-10 codes X85-Y09).			

## Firearm Mortality

The firearm mortality rate in Winnebago County was 16.3 per 100,000 population in 2022 with a decrease based on provisional data to 10.6 in 2023.

The firearm fatality rate has decreased since 2018 when the overall rate was 16.9 per 100,000 population to 10.6 in 2023. In 2023, firearm mortality rate was 12.5 per 100,000 in Illinois and was 12.9 per 100,000 in the U.S. The firearm mortality rate was seven (7) times higher among males and five (5) times higher among Non-Hispanic Black/African Americans than Whites.

**Table 77. Firearm Fatality<sup>a</sup> Rate Per 100,000 Population: Winnebago County, Illinois, US, 2018-2023**

	Winnebago County	Illinois	U.S.
<b>2018</b>	16.9	10.8	12.1
<b>2019</b>	11.3	10.8	12.1
<b>2020</b>	16.0	13.9	13.7
<b>2021</b>	17.0	15.7	14.7
<b>2022</b>	16.3	14.3	14.5
<b>2023<sup>b</sup></b>	10.6	12.5	12.9
Source: Centers for Disease Control and Prevention. CDC Wonder. <a href="http://wonder.cdc.gov/">http://wonder.cdc.gov/</a>			
<sup>a</sup> "Firearm Fatality" = Deaths in which assault was reported as the underlying cause of death (ICD-10 codes X32-34, X72-X74, X93-X95).			
<sup>b</sup> Data are provisional			

**Table 78. Firearm Fatality<sup>a</sup> Rate Per 100,000 Population: Winnebago County, Illinois, US, 2018-2023**

	Winnebago County	Illinois	U.S.
<b>Overall</b>	14.6	13.0	13.2
<b>Race/Ethnicity</b>			
NH Black/African American	48.0	48.2	30.1
NH White	9.8	7.6	2.0
Hispanic/Latino	8.3	8.0	7.9
<b>Gender</b>			
Male	25.8	23.2	23.0
Female	3.8	3.0	3.7
Source: Centers for Disease Control and Prevention. CDC Wonder. <a href="http://wonder.cdc.gov/">http://wonder.cdc.gov/</a>			
<sup>a</sup> "Firearm Fatalit" = Deaths in which assault was reported as the underlying cause of death (ICD-10 codes X32-34, X72-X74, X93-X95).			

## vii. Suicide

The suicide death rate is 13.4 per 100,000 in Winnebago County, higher than the rate of 11.5 in Illinois. Individuals who are Non-Hispanic Whites and males have the highest rates.

**Table 79. Suicide Rate Per 100,000: Winnebago County, Illinois, US, 2016 - 2021**

	2016	2017	2018	2019	2020	2021
Winnebago County	14.3	12.3	15.9	15.9	11.6	13.4
Illinois	11.0	11.5	11.7	11.4	10.7	11.5
U.S.	13.9	14.5	14.8	14.5	13.9	14.5
<b>Race or Ethnicity</b>						
NH White	17.5	15.7	19.0	19.2	12.7	17.5
NH Black/African American	2.5	0.0	0.0	7.1	9.1	4.6
NH Asian Pacific Islander	10.5	10.4	20.8	10.2	19.9	0.0
Hispanic	8.4	5.5	10.7	7.9	7.5	2.4
NH Other	0.0	0.0	10.0	0.0	0.0	10.7
<b>Sex</b>						
Male	18.6	19.4	27.4	24.7	20.0	22.3
Female	10.3	5.5	4.8	7.6	3.4	4.8
Northwestern University, Illinois Violent Death Reporting System (IVDRS) 2016 - 2021 [ <a href="https://sites.northwestern.edu/ivdrs/">https://sites.northwestern.edu/ivdrs/</a> ]						

## viii. Cancer Incidence

### Cancer Incidence by Demographics

The overall cancer rate in Winnebago County was 455.6 per 100,000 from 2016 to 2020. The rate is higher in males, and individuals over 50 with the rate increasing with age. Although there are slight fluctuations, overall the trend is stable across sex, age, and race/ethnicity.

Table 80. All Cancer Site, Age-Adjusted Incidence Rates <sup>a</sup> Per 100,000 Population By Demographic Characteristics: Winnebago County, 2016-2020			
Characteristics	Age-Adjusted Incidence Rate <sup>a</sup>	Recent 5-Year Trend In Incidence Rates <sup>b</sup>	Recent Trend
<b>All Cancer Sites</b>	<b>455.6</b>	<b>-0.4</b>	stable →
<b>Sex</b>			
Male	481.5	-1.0	falling ↓
Female	440.9	0.1	stable →
<b>Age</b>			
<50	113.1	1.1	rising ↑
50+	1,352.4	-0.7	falling ↓
<65	240.1	-1.6	stable →
65+	1,944.7	-0.9	↓ falling
<b>Race/Ethnicity</b>			
White (non-Hispanic)	469.4	-0.2	stable →
Black/African American (non-Hispanic)	467.6	-0.5	stable →
Hispanic (any race)	342.0	-2.8	falling ↓
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&sortVariableName=rate&sortOrder=default&output=0#results] – CDC's National Program of Cancer Registries Cancer Surveillance System (NPCR-CSS) November 2022 data submission and SEER November 2022 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 2022 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 1969-2022 U.S. Population Data File is used for SEER and NPCR incidence rates.			
<sup>a</sup> 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 million population.			
<sup>b</sup> Change in rate over time.			
<sup>c</sup> No objective for this cancer (N/A).			

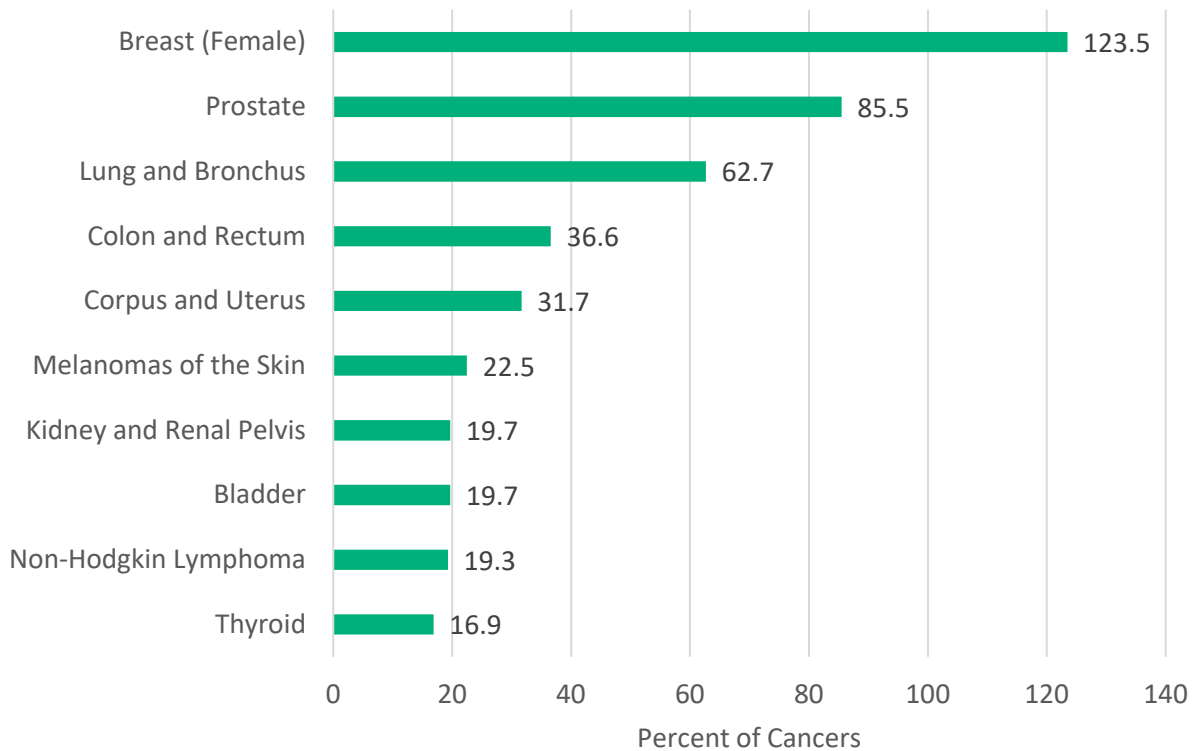
## Sites of New Cancer Cases

The most common rate of cancers in Winnebago County for 2016 through 2020 are breast (123.5), prostate (85.5), lung (62.7), colorectal (36.6), and uterine (31.7) (See Table 81). While rates for the most common new cancers were comparable to the state of Illinois and the U.S., Winnebago County had a higher rate of lung cancer (62.7) as compared to Illinois (59.3) and the U.S. (54) (See Figure 33).

Table 81. Sites Of New Cancer Cases: Winnebago County, Illinois, United States, 2016-2020						
	Winnebago County		Illinois		United States	
	Average Annual Count	Age Adjusted Rate <sup>a</sup>	Average Annual Count	Age Adjusted Rate <sup>a</sup>	Average Annual Count	Age Adjusted Rate <sup>a</sup>
Bladder	75	19.7	3,043	19.6	74,016	18.9
Brain & ONS	19	5.8	875	6.2	22,602	6.4
Breast (Female)	232	123.5	10,423	132.6	249,750	127.0
Breast (Female in situ)	45	25.7	2,405	31.5	55,346	28.7
Cervix	9	6.2	508	7.4	12,553	7.5
Childhood (Ages <15, All Site)	11	19.3	417	17.7	10,032	17.0
Childhood (Ages <20, All Site)	14	19.7	634	19.8	14,940	18.8
Colon and Rectum	130	36.6	6,027	39.8	138,021	36.5
Esophagus	21	5.5	752	4.7	17,922	4.5
Kidney and Renal Pelvis	70	19.7	2,748	18.2	65,490	17.2
Leukemia	51	14.6	1,993	13.6	51,518	13.9
Liver & Bile Duct	35	8.9	1,297	8.1	34,900	8.6
Lung and Bronchus	240	62.7	9,319	59.3	215,307	54.0
Melanomas of the Skin	78	22.5	3,317	22.5	83,836	22.5
Non-Hodgkin Lymphoma	68	19.3	2,842	18.9	70,394	18.6
Oral Cavity & Pharynx	45	12.3	1,892	12.2	45,507	11.9
Ovary	21	11.8	819	10.3	19,863	10.1
Pancreas	53	13.6	2,193	14.1	52,045	13.2
Prostate	160	85.5	8,714	115.1	212,734	110.5
Stomach	24	6.3	1,054	6.9	23,883	6.2
Thyroid	51	16.9	1,797	13.3	44,551	13.3
Corpus and Uterus, Not Otherwise Specified	60	31.7	2,523	30.3	56,871	27.4
Source: NIH State Cancer Profiles [ <a href="https://statecancerprofiles.cancer.gov/index.html">https://statecancerprofiles.cancer.gov/index.html</a> ] – CDC's National Program of Cancer Registries Cancer Surveillance System (NPCR-CSS) November 2022 data submission						
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.						
<sup>a</sup> 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).						

## Top 10 Cancers by Rates of New Cancer Cases

**Figure 34. Top 10 Cancers By Rates Of New Cancer Cases: Winnebago County, 2016-2020**



Source: NIH State Cancer Profiles [<https://statecancerprofiles.cancer.gov/index.html>] – CDC’s National Program of Cancer Registries Cancer Surveillance System (NPCR-CSS) November 2022 data submission

### ix. Cancer Mortality

#### Causes of Cancer Deaths

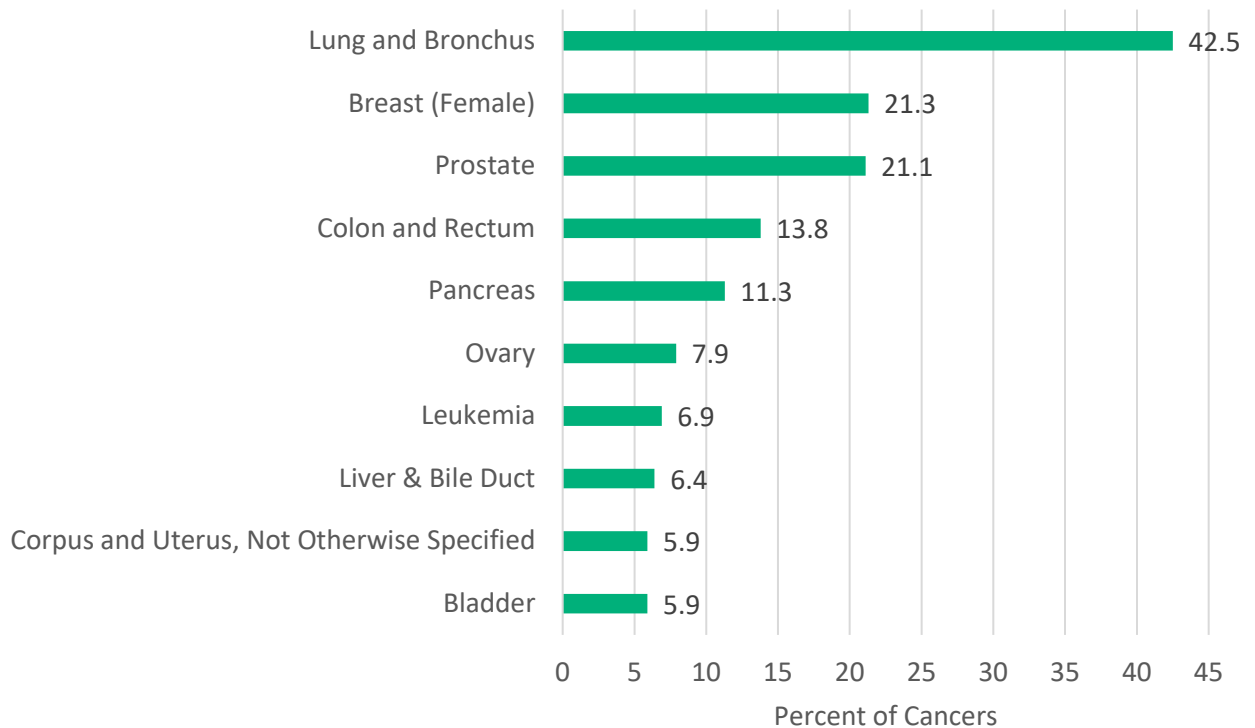
The leading causes of death due to cancer in Winnebago County are lung, breast, prostate, colorectal, and pancreatic. For the leading cause of death due to cancer of the lung/bronchus in Winnebago County, there were 42.5 deaths per 100,000 between 2016 and 2020; higher than death rates in Illinois at 37.3 and the U.S. at 35 for the same timeframe.

**Table 82. Causes Of Cancer Deaths: Winnebago County, Illinois, US, 2016-2020**

	Winnebago County		Illinois		United States	
	Average Annual Count	Age Adjusted Rate <sup>a</sup>	Average Annual Count	Age Adjusted Rate <sup>a</sup>	Average Annual Count	Age Adjusted Rate <sup>a</sup>
All Cancer Types	638	169.7	24,068	155.3	599,666	149.4
Bladder	23	5.9	647	4.2	16,684	4.2
Brain & ONS	16	4.3	624	4.2	17,206	4.4
Breast (Female)	43	21.3	1,726	20.5	42,101	19.6
Cervix	*	*	163	2.1	4,191	2.2
Childhood (Ages <15, All Site)	*	*	43	1.8	1,210	2.0
Childhood (Ages <20, All Site)	*	*	67	2.1	1,793	2.2
Colon and Rectum	51	13.8	2,158	14.0	52,152	13.1
Esophagus	20	5.5	639	4.0	15,567	3.8
Kidney and Renal Pelvis	15	4.0	562	3.6	14,079	3.5
Leukemia	23	6.9	922	6.1	23,447	6.0
Liver & Bile Duct	25	6.4	1,014	6.4	27,509	6.6
Lung and Bronchus	163	42.5	5,840	37.3	142,497	35.0
Melanomas of the Skin	8	2.4	290	1.9	8,150	2.1
Non-Hodgkin Lymphoma	18	4.9	798	5.2	20,291	5.1
Oral Cavity & Pharynx	9	2.3	423	2.7	10,356	2.5
Ovary	16	7.9	571	6.7	13,809	6.3
Pancreas	43	11.3	1,823	11.6	44,868	11.1
Prostate	33	21.1	1,231	19.5	31,337	18.8
Stomach	8	2.1	455	3.0	11,192	2.8
Thyroid	*	*	81	0.5	2,001	0.5
Corpus and Uterus, Not Otherwise Specified	13	5.9	500	5.7	11,303	5.1
Source: NIH State Cancer Profiles [ <a href="https://statecancerprofiles.cancer.gov/index.html">https://statecancerprofiles.cancer.gov/index.html</a> ] – CDC’s National Program of Cancer Registries Cancer Surveillance System (NPCR-CSS) November 2022 data submission.						
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.						
<sup>a</sup> 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).						
*Data suppressed if 3 or fewer cases						

## Top 10 Cancers by Rates of Cancer Deaths

**Figure 35. Top 10 Cancers By Rates Of Cancer Deaths: Winnebago County, 2016-2020**



Source: NIH State Cancer Profiles [<https://statecancerprofiles.cancer.gov/index.html>] – CDC’s National Program of Cancer Registries Cancer Surveillance System (NPCR-CSS) November 2022 data submission.

### x. Stroke

The death rate due to stroke over a three-year period was 45.5 in Winnebago County which is significantly higher than the rate of 41.7 in Illinois and the rate of 39.0 in the U.S. Males, Black/African Americans, and individuals over 65 years had a higher death rate from stroke.

Table 83. Unsmoothed <sup>a</sup> , Age-Adjusted <sup>b</sup> All Stroke Death Rates Per 100,000 Population, 3-Year Estimate: Winnebago County, Illinois, And US, 2019-2021			
Characteristics	Winnebago County	Illinois	U.S.
All Stroke - Death Rate per 100,000	45.5	41.7	39.0
<b>Gender</b>			
Male	53.5	43.0	39.7
Female	39.2	40.2	37.8
<b>Age</b>			
35+	88.5	81.0	75.7
35-64	15.9	13.4	14.2
65+	309.4	286.9	262.8
Under 75	14.3	11.8	11.8
<b>Race/Ethnicity</b>			
Black/African American (Non-Hispanic)	73.0	67.8	57.0
White (Non-Hispanic)	44.0	39.2	37.6
Hispanic/Latino	*	33.4	34.8
American Indian and Alaskan Native	*	*	33.6
Asian	*	28.4	31.5
Source: CDC Interactive Atlas of Heart Disease and Stroke, 2019-2021 - 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://nccd.cdc.gov/DHDSPAtlas/Reports.aspx]			
*Note: Asterisks denote fields that could not be calculated due to insufficient data.			
<sup>a</sup> 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.			
<sup>b</sup> Rates are age-adjusted to the 2000 projected U.S. population.			

## xi. Heart Attack

The death rate per 100,000 due to heart attack from 2019 – 2021 was 17.7 in Winnebago County, significantly lower than Illinois at 29.1 and the United States at 26.2. Similar to the death rate attributable to stroke, males, Black/African Americans, and individuals over 65 years had a higher death rate from heart attack.



**Table 84. Unsmoothed<sup>a</sup>, Age-Adjusted<sup>b</sup> Heart Attack Death Rates Per 100,000 Population, 3-Year Estimate: Winnebago County, Illinois, And US, 2019-2021**

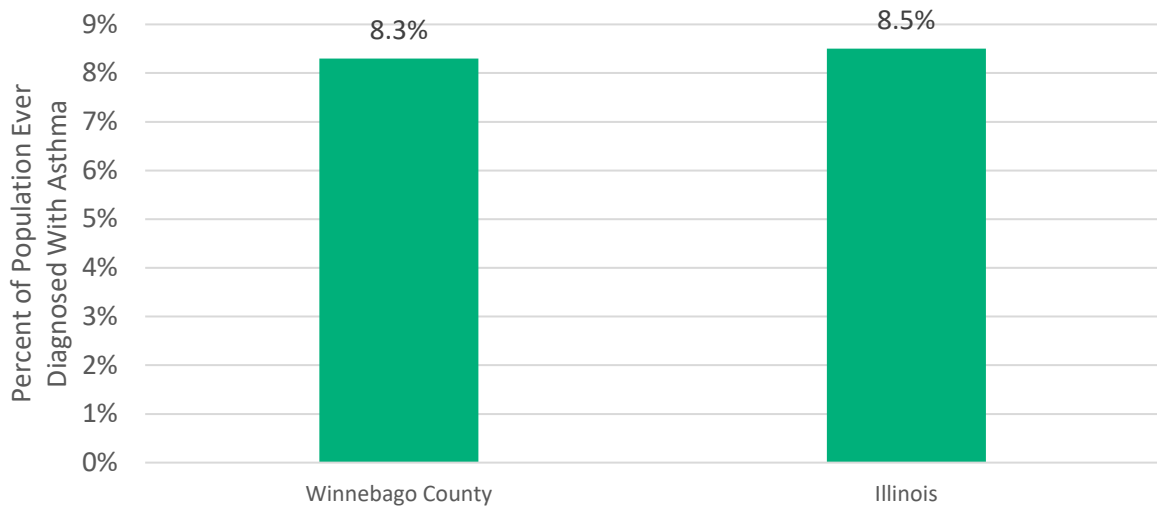
Characteristics	Winnebago County	Illinois	U.S.
<b>Total Cardiovascular Disease - Death Rate per 100,000</b>	17.7	29.1	26.2
<b>Gender</b>			
Male	24.6	39.2	35.3
Female	12.1	20.9	18.6
<b>Age</b>			
35+	34.4	56.7	51.0
35-64	14.6	17.9	17.1
65+	94.6	175.0	154.4
Under 75	9.9	13.9	12.7
<b>Race/Ethnicity</b>			
Black/African American (Non-Hispanic)	19.6	36.3	31.7
White (Non-Hispanic)	17.8	30.3	27.2
Hispanic/Latino	*	17.4	21.0
American Indian and Alaskan Native	*	*	24.6
Asian	*	16.5	15.5
Source: CDC Interactive Atlas of Heart Disease and Stroke, 2019-2021 - 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://nccdc.cdc.gov/DHDSAtlas/Reports.aspx]			
*Note: Asterisks denote fields that could not be calculated due to insufficient data.			
<sup>a</sup> 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.			
<sup>b</sup> Rates are age-adjusted to the 2000 projected U.S. population.			

## i. Chronic Conditions

### Asthma

Based on the 2019 Behavioral Risk Factor Surveillance System (BRFSS) data, 8.3% of Winnebago County individuals report having been diagnosed with asthma and have it currently as compared to 8.5% of individuals in Illinois.

**Figure 36. Ever Diagnosed With Asthma: Winnebago County, Illinois, 2015-2019**

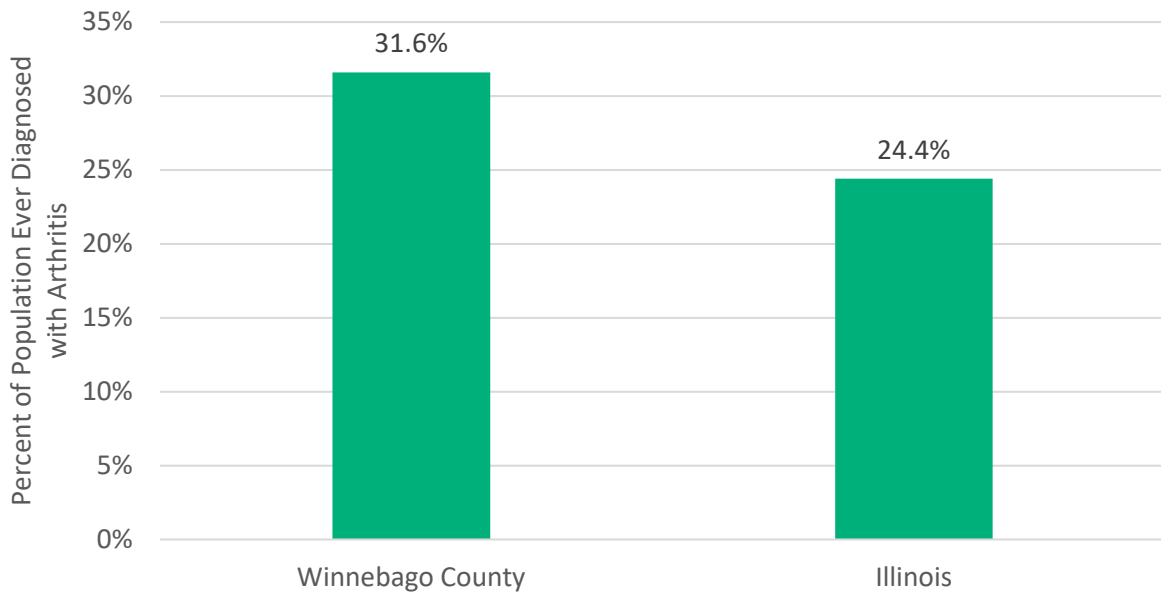


Sources: Illinois Department of Public Health (IDPH). Health Statistics. Illinois and Strata Area Prevalence Data. Illinois County Behavioral Risk Factor Survey (BRFSS), 2019  
 Illinois Department of Public Health (IDPH) Health Statistics. County Level Prevalence Data. Illinois Behavioral Risk Factor Surveillance Survey (BRFSS) Data, Round 6 2019  
 Note: "Ever diagnosed" = "ever told by a doctor you have"

## Arthritis

In Winnebago County, 31.6% of individuals reported having been diagnosed with arthritis, significantly higher than Illinois at 24.4%.

**Figure 37. Ever Diagnosed With Arthritis: Winnebago County, Illinois, 2015-2019**

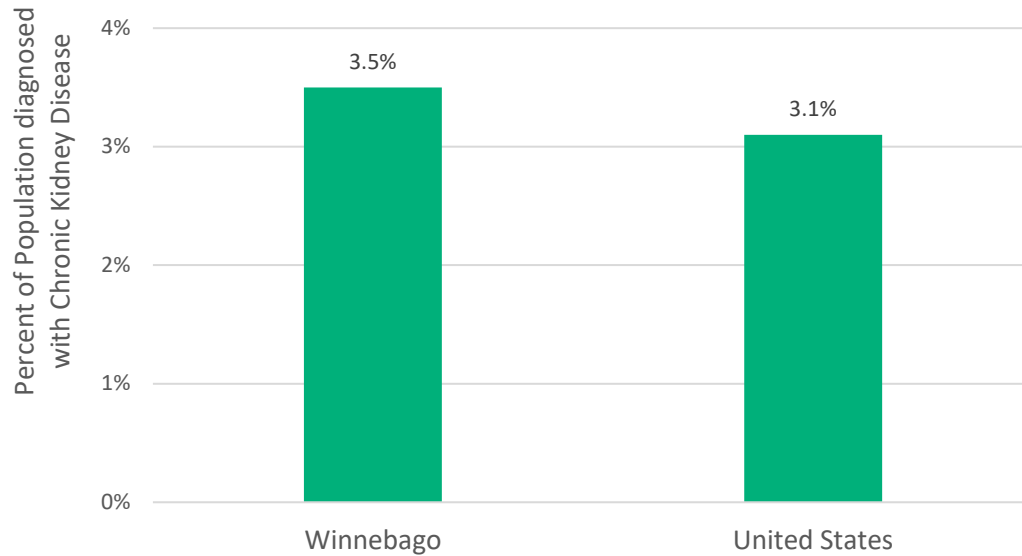


Sources: Illinois Department of Public Health (IDPH). Health Statistics. Illinois and Strata Area Prevalence Data. Illinois County Behavioral Risk Factor Survey (BRFSS), 2019  
 Illinois Department of Public Health (IDPH) Health Statistics. County Level Prevalence Data. Illinois Behavioral Risk Factor Surveillance Survey (BRFSS) Data, Round 6 2019  
 Note: "Ever diagnosed" = "ever told by a doctor you have"

### Chronic Kidney Disease

In Winnebago County, 3.5% of individuals report having been diagnosed with Chronic Kidney Disease similar to the percent in the U.S. at 3.1%.

**Figure 38. Chronic Kidney Disease<sup>a</sup> Prevalence: Winnebago County, U.S., 2021**



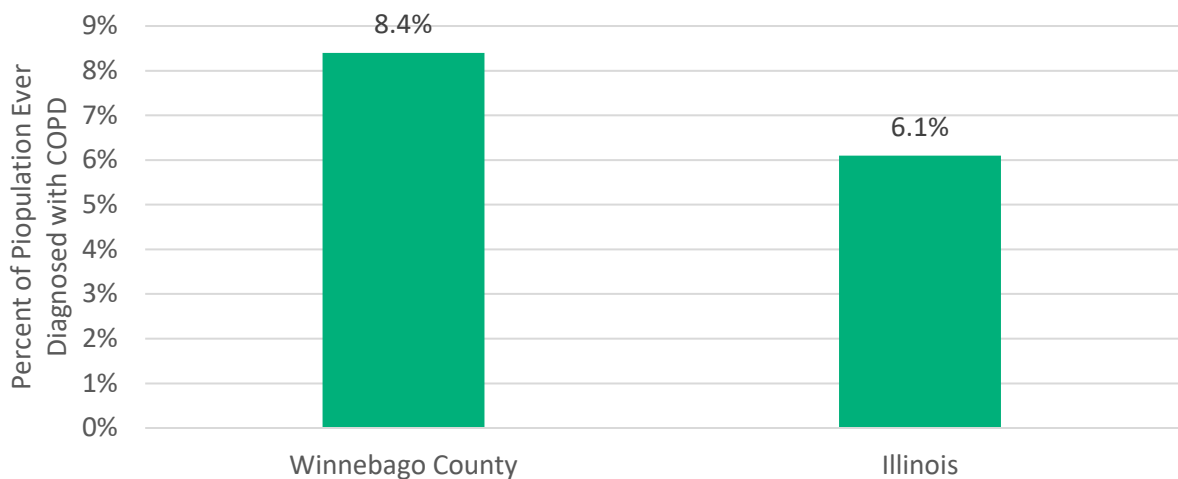
Sources: PLACES: Local Data for Better Health [<https://places.cdc.gov/?view=county>]

<sup>a</sup> Respondents aged ≥18 years who report ever having been told by a doctor, nurse, or other health professional that they have kidney disease

## COPD

In Winnebago County, 8.4% of individuals have been diagnosed with Chronic Obstructive Pulmonary Disease (COPD), significantly higher than Illinois at 6.1%.

**Figure 39. Ever Diagnosed With COPD: Winnebago County, Illinois, 2015-2019**



Sources: Illinois Department of Public Health (IDPH). Health Statistics. Illinois and Strata Area Prevalence Data. Illinois County Behavioral Risk Factor Survey (BRFSS), 2019

Illinois Department of Public Health (IDPH) Health Statistics. County Level Prevalence Data. Illinois Behavioral Risk Factor Surveillance Survey (BRFSS) Data, Round 6 2019

Note: "Ever diagnosed" = "ever told by a doctor you have"

## Diabetes

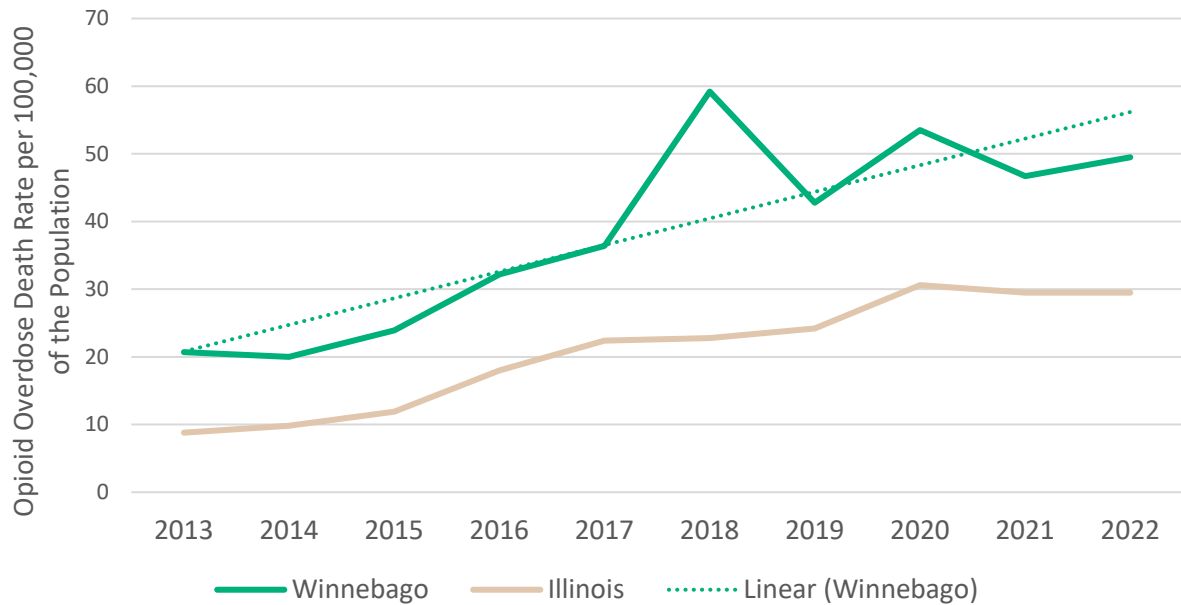
In Winnebago County, the percent of individuals with diabetes has remained stable over the last five (5) years at 11%. In 2021, 11% of the population had diabetes compared to Illinois and the U.S. at 10%.

Table 85. Diabetes Prevalence: Winnebago County, Illinois, And US, 2013-2021			
Year	Winnebago County	Illinois	U.S.
2013	12%	9%	10%
2014	11%	9%	10%
2015	10%	9%	10%
2016	11%	10%	10%
2017	11%	10%	11%
2019	11%	10%	9%
2020	11%	9%	9%
2021	11%	10%	10%
Source: University of WI Population Health Institute, County Health Rankings, 2024 [ <a href="https://www.countyhealthrankings.org/health-data/illinois?measure=Adult+Obesity&amp;tab=1&amp;year=2024">https://www.countyhealthrankings.org/health-data/illinois?measure=Adult+Obesity&amp;tab=1&amp;year=2024</a> ]; CDC Diabetes Interactive Atlas [ <a href="https://nccd.cdc.gov/dnpao_dtm/rdPage.aspx?rdReport=DNPAO_DTM.ExploreByTopic&amp;isClass=OWS&amp;isTopic=OWS1&amp;go=GO">https://nccd.cdc.gov/dnpao_dtm/rdPage.aspx?rdReport=DNPAO_DTM.ExploreByTopic&amp;isClass=OWS&amp;isTopic=OWS1&amp;go=GO</a> ] – CDC’s Behavioral Risk Factor Surveillance System, U.S. Census Bureau’s Population Estimates Program			
<sup>a</sup> Percentage of adults aged 20 and above with diagnosed diabetes (age-adjusted).			
Data from year 2019 onwards was obtained from the Behavioral Risk Factor Surveillance System. Data from prior years was obtained from the United States Diabetes Surveillance System. Data from year 2019 onwards should not be compared with prior years.			

### i. Opioid Overdose Deaths

In 2022, the rate of fatal overdoses attributed to opioid use was 49.5 per 100,000 population in Winnebago County. While the rate is higher than the state of Illinois (29.5 per 100,000), it reflects an increasing trend since 2013. The rate is significantly higher among non-Hispanic Black/African Americans whose rate is almost two (2) times that of White individuals. Males are twice as likely as females to have fatal overdoses. Individuals aged 45-54 years of age had the highest opioid overdose rates overall.

**Figure 40. Opioid Overdose Fatality Rate: Winnebago County, 2018-2023**



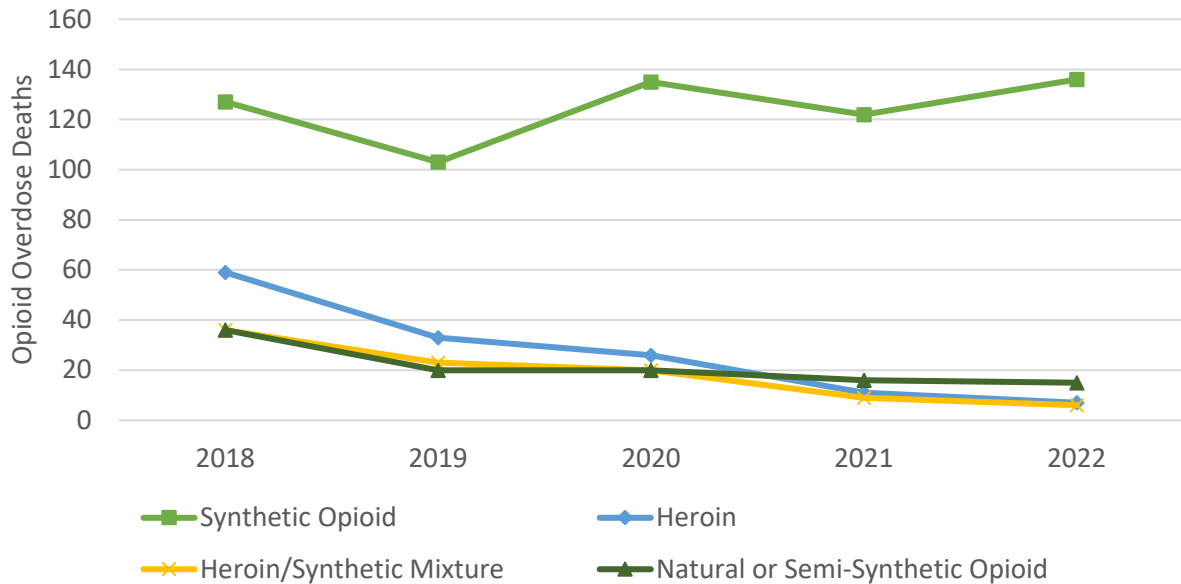
Source: IDPH Opioid Data Dashboard [<https://idph.illinois.gov/OpioidDataDashboard/>]

Table 86. Opioid Overdose Fatality Rate Per 100,000 by Demographic Characteristics, 2018-2022					
	2018	2019	2020	2021	2022
Overall	59.2	42.8	53.5	46.7	49.5
Sex					
Male	129.1	84.9	107.2	71.1	84.6
Female	60.5	43.5	37.3	44.3	34.8
Age Group					
0-14	0.0	0.0	0.0	0.0	1.9
15-24	54.1	48.7	11.1	11.2	25.2
25-34	123.4	109.2	109.8	98.4	79.0
35-44	207.4	166.5	218.0	92.1	107.0
45-54	189.8	99.4	186.0	120.2	119.5
55-64	141.7	62.5	67.3	116.4	97.7
65+	0.6	0.5	0.3	0.4	0.8
Race/Ethnicity					
Black/African American	172.1	42.4	123.6	113.5	118.4
White	92.2	83.1	70.9	56.0	56.9
Hispanic	53.7	13.1	42.6	26.7	33.0
Other	26.7	0.0	25.2	18.6	12.2
Source: IDPH Opioid Data Dashboard [ <a href="https://idph.illinois.gov/OpioidDataDashboard/">https://idph.illinois.gov/OpioidDataDashboard/</a> ]					
<sup>a</sup> Population data for calculation of rate taken from Centers for Disease Control and Prevention, National Center for Health Statistics. National Vital Statistics System, [ <a href="https://wonder.cdc.gov/single-race-population.html">https://wonder.cdc.gov/single-race-population.html</a> ]					



In drug overdose deaths in 2022 in Winnebago County, 136 were due to synthetic opioids; 15 were due to natural or semi-synthetic opioids, 7 were due to heroin, and 6 were due to heroin and synthetic opioid mixtures.

**Figure 41. Drug Overdose Deaths By Substance: Winnebago County, 2018-2022**



Statewide Unintentional Drug Overdose Reporting System (SUDORS) [<https://idph.illinois.gov/opioiddatadashboard/>]

“Synthetic Opioid” - Overdose deaths in a which a synthetic opioid (e.g. fentanyl, carfentanil) excluding methadone was reported as a contributing cause of death (ICD-10 T40.4)

“Heroin” - Overdose deaths in which heroin was reported as a contributing cause of death (ICD-10 T40.1)

“Heroin/Synthetic Mixture” - Overdose deaths in a which both heroin and a synthetic opioid (e.g. fentanyl, carfentanil) excluding methadone were reported as a contributing cause of death (ICD-10 T40.1 and T40.4)

“Natural or Semi-Synthetic Opioid” - Overdose deaths in a which both a natural opioid (e.g. morphine, codeine) and/or a semi-synthetic opioid (e.g. oxycodone, hydrocodone) was reported as a contributing cause of death. These are substances that are commonly prescribed as pain-relievers; however, it is not possible to determine whether deaths in this category are from natural/semi-synthetic opioids obtained legally or via diversion/illicit manufacturing (ICD-10 T40.2)

“Methadone” - Overdose deaths in a which methadone was reported as a contributing cause of death. It is not possible to determine whether deaths in this category are from methadone prescribed for pain/opioid use disorder treatment or obtained legally (ICD-10 T40.3) 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.

See Supplementary Tables 28 - 31 for additional data on mortality and illness.

## e. Communicable Disease

Communicable diseases are those that can spread from one person to another through the air, contact with a contaminated surface, or through bodily fluids. The symptoms of each illness may vary in severity. This section discusses communicable diseases including sexually transmitted infections and COVID-19. Rates for sexually transmitted infections in Winnebago County remain above the rates for Illinois and the United States. COVID-19 cases peaked in 2022 with 32,372 cases.

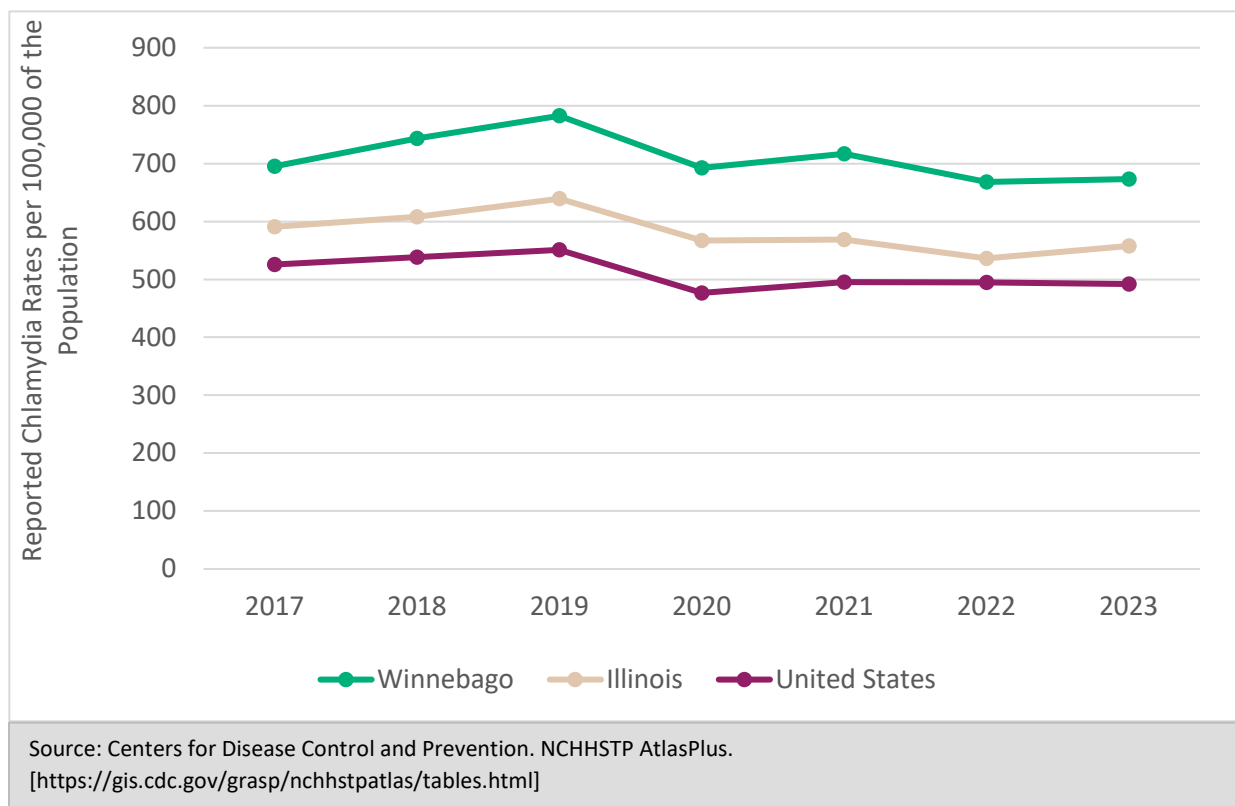
## i. Sexually Transmitted Infections

A sexually transmitted infection (STI) is a disease caused by a virus, bacteria, parasite or fungus that be passed from one person to another through sexual contact or infected body fluids such as semen, blood, during pregnancy, childbirth, and breastfeeding.

### Chlamydia Rates

Chlamydia is the most commonly reported STI in Winnebago County with 673.1 cases of Chlamydia per 100,000 population in 2023 compared to Illinois at 557.7 and the United States at 492.2. While the reported rate is higher, the trend has been decreasing over the six (6) year period from 2017 to 2023.

**Figure 42. Reported Chlamydia Rates Per 100,000: Winnebago County, Illinois, and U.S., 2017-2023**





## Chlamydia Demographics

The majority of cases of Chlamydia were diagnosed in females (twice the rate of males), individuals ages 15 to 29 years old, and Black/African American individuals (nearly 10 times the rate of Whites).

**Table 87. Demographic Distribution of Reported Chlamydia Cases: Winnebago County and Illinois, 2023**

Characteristic	Winnebago		Illinois		United States	
	n	Rate	n	Rate	n	Rate
<b>Reported Total Cases</b>	1,891	673.1	69,992	557.7	1,648,568	492.2
<b>Sex</b>						
Female	1,281	893.7	42,480	669.1	1,033,036	610.7
Male	610	443.4	27,460	442.8	610,445	368.3
<b>Age</b>						
0-14	19	35.5	565	25.7	12,175	20.5
15-19	492	2,689.4	15,986	1922.5	377,855	1711.7
20-24	684	4,004.7	23,478	2875.9	542,040	2485.1
25-29	339	1,958.6	13,558	1639.8	294,876	1339.2
30-34	188	1,031.4	7,786	901.6	176,184	748.9
35-39	79	465.6	3,959	471.5	93,853	417
40-44	40	237.0	2,111	252.9	51,245	234.2
45-54	35	105.7	1,776	114.4	44,010	108.7
55-64	12	33.2	646	40.8	17,397	41.6
65+	3	5.6	126	5.7	3,789	6.4
<b>Race</b>						
Black/African American	950	2,471.3	29,232	1,664.1	493,754	1,166.9
White	454	251.1	14,542	197.1	355,937	182.1
Hispanic/Latino	333	738.5	14,891	624.8	252,869	387.7
Asian	21	256.7	1069	137.9	21,791	105.3
Multiracial	12	154.0	552	237.0	28,885	353.0
Unknown	118	*	9,530	Data not available	474,218	Data not available

Source: Centers for Disease Control and Prevention. NCHHSTP AtlasPlus.

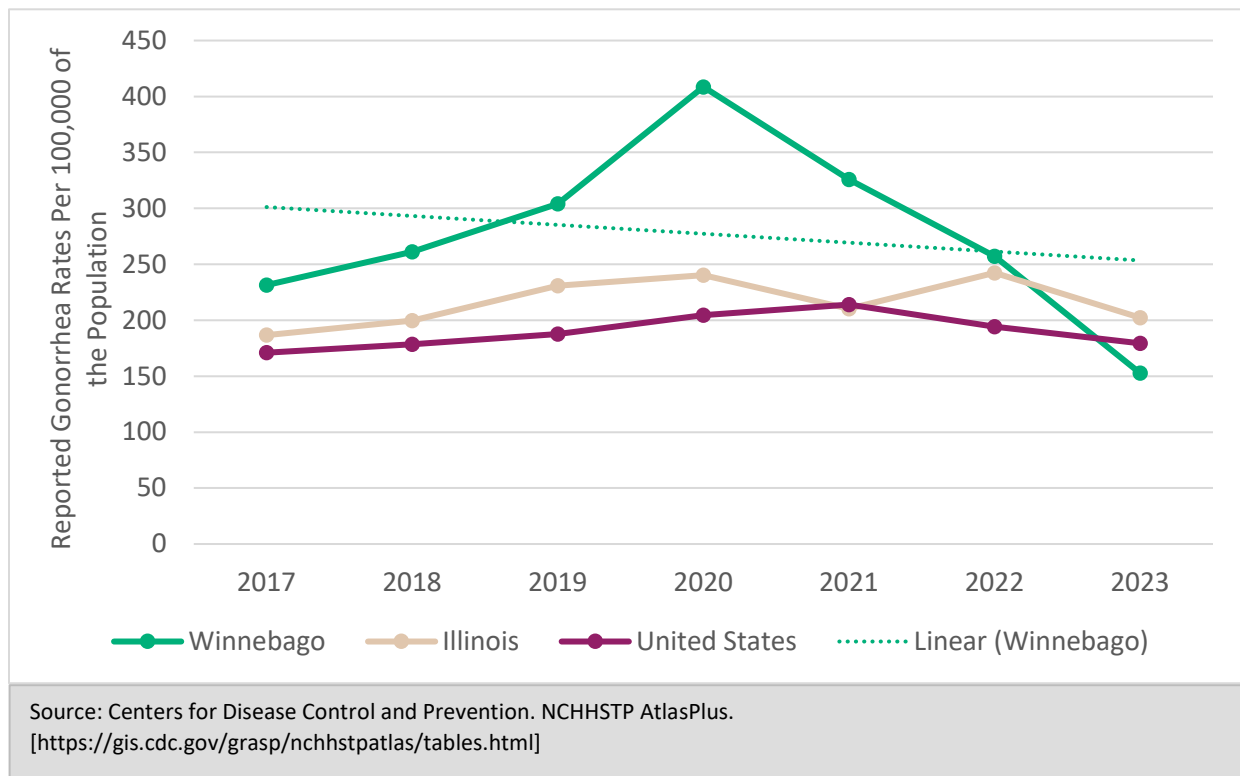
[<https://gis.cdc.gov/grasp/nchhstpatlas/tables.html>]

\*Data not available

## Gonorrhea Rates

In Winnebago County gonorrhea is the second most reported STI (sexually transmitted infection) and a significant uptick in the rate of gonorrhea was identified in 2020. In 2023, there was a decline with 152.7 cases of gonorrhea per 100,000 population in Winnebago County. This is lower than in Illinois where there were 202.3 cases per 100,000 and the United States where there were 179.5 cases per 100,000.

**Figure 43. Reported Gonorrhea Rates Per 100,000: Winnebago County, Illinois, And US, 2017-2023**



## Gonorrhea Demographics

The majority of cases of gonorrhea were male in Winnebago County. Individuals aged 15 to 29 and Black/African Americans had the highest rates of gonorrhea. Significant racial/ethnic disparities exist between Black/African Americans (679.0) and Whites (52.5) with Black/African Americans at nearly 13 times the rate of their White counterparts and Hispanic/Latinos at 1.5 times the rate of Whites.

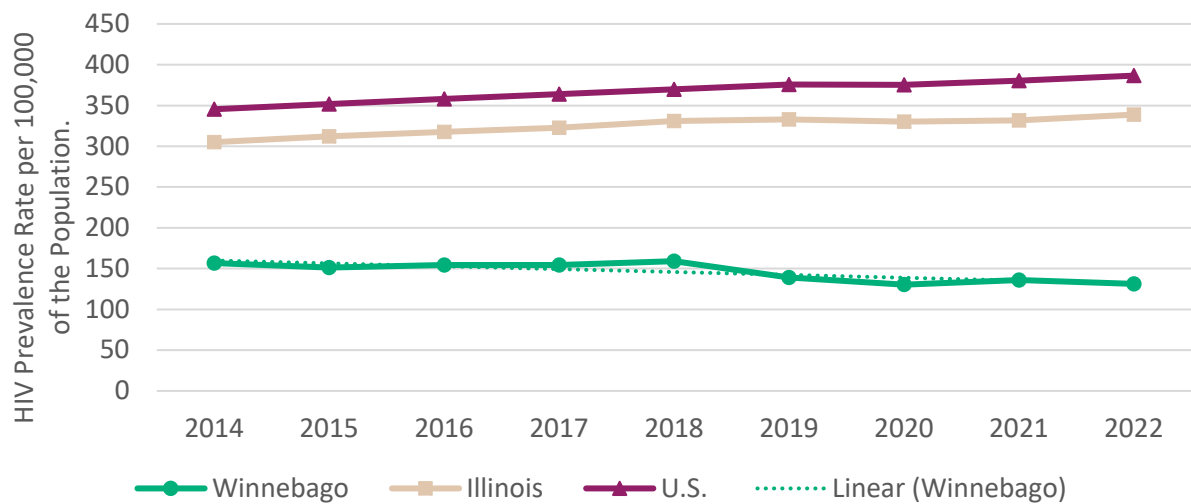
**Table 88. Demographic Distribution Of Reported Gonorrhea Cases: Winnebago County And Illinois, 2023**

Characteristic	Winnebago		Illinois		United States	
	n	Rate	n	Rate	n	Rate
<b>Reported Total Cases</b>	429	152.7	25,387	202.3	601,319	179.5
<b>Sex</b>						
Male	224	162.8	16,257	262.2	378,428	228.3
Female	205	143.0	9,123	143.7	221,176	130.7
<b>Age</b>						
0-14	4	7.5	167	7.6	3,405	5.7
15-19	74	404.5	4,388	527.7	89,666	406.2
20-24	122	714.3	6,142	752.4	142,526	653.5
25-29	80	462.2	5,008	605.7	113,774	516.7
30-34	65	356.6	4,162	481.9	96,504	410.2
35-39	30	176.8	2,337	278.3	59,979	266.5
40-44	22	130.4	1,374	164.6	36,409	166.4
45-54	19	57.4	1,187	76.4	33,720	83.3
55-64	11	30.4	502	31.7	15,612	37.3
65+	2	3.7	120	5.4	3,599	6.1
<b>Race</b>						
Black/African American	261	679.0	12,845	731.2	236,011	557.8
White	95	52.5	5,542	75.1	131,170	67.1
Hispanic/Latino	36	79.8	3,439	144.3	83,535	128.1
Asian	4	48.9	411	53	9,138	44.2
Multiracial	4	51.3	278	119.3	14,429	176.3
Unknown	27	*	2,807	*	118,750	*
Source: Centers for Disease Control and Prevention. NCHHSTP AtlasPlus. <a href="https://gis.cdc.gov/grasp/nchhstpatlas/tables.html">[https://gis.cdc.gov/grasp/nchhstpatlas/tables.html]</a>						
*Data not available						

## HIV Rates

In 2018, the HIV prevalence rate in Winnebago County was 131.3 per 100,000. This is significantly lower than in Illinois where the HIV prevalence rate was 338.8 and in the United States where the rate was 386.6 per 100,000. This represents an overall decrease in Winnebago County while prevalence rates are increasing in Illinois and the United States.

**Figure 44. HIV Prevalence<sup>a</sup> Rate<sup>b</sup>: Winnebago County, Illinois, And US, 2014-2022**



Source: Centers for Disease Control and Prevention. NCHHSTP AtlasPlus.  
[<https://gis.cdc.gov/grasp/nchhstpatlas/tables.html>]

<sup>a</sup>Persons living with diagnosed HIV infection/infection classified as stage 3 (AIDS). Prevalence data for the year 2020 are preliminary and based on death data received by CDC as of December 2022.

<sup>b</sup>Rate per 100,000 population

## ii. COVID-19

COVID-19 (Coronavirus) disease is a communicable disease caused by the SARS-CoV-2 virus first reported in the United States in January 2020 indicating the start of the worldwide COVID-19 Pandemic. The first COVID-19 Emergency Declaration was issued in Illinois on March 13, 2020 resulting in the implementation of non-pharmaceutical interventions (NPIs) including closures of schools and public establishments, remote working, and quarantine followed by the introduction of multiple vaccines under Emergency Use Authorization (EUA). The Public Health Emergency (PHE) declaration ended officially on May 11, 2023 but individuals continue to be diagnosed with COVID-19. The COVID-19 pandemic impacted Winnebago County, the state of Illinois, and the United States.

### COVID-19 Case Rate Trend

The calculated case rates for COVID-19 showed an increase from 2020 at 8,893/100,000 to 2022 at 11,375/100,000 reported as required through the Illinois Department of Public Health. Case rates were higher in Hispanic/Latino individuals, females, and those aged 20 – 29 years of age (See Supplementary Table 35).

Table 89. COVID-19 Confirmed Cases Rate Per 100,000 Winnebago County, 2020-2023		
Year	n	Rate
2020 <sup>a</sup>	25,223	8,893
2021 <sup>b</sup>	23,715	8,307
2022 <sup>c</sup>	32,372	11,375
Source: Illinois-National Electronic Disease Surveillance System (I-NEDSS), accessed 05/16/2023. U.S. Census Bureau, American Community Survey 5-Year Population Estimates.		
<sup>a</sup> Population data for calculation of rate taken from U.S Census Bureau, 2016-2020 American Community Survey 5-Year Estimates.		
<sup>b</sup> Population data for calculation of rate taken from U.S Census Bureau, 2017-2021 American Community Survey 5-Year Estimates.		
<sup>c</sup> Population data for calculation of rate taken from U.S Census Bureau, 2018-2022 American Community Survey 5-Year Estimates.		

## COVID-19 Mortality by Location

Winnebago County experienced a higher death rate from COVID-19 in the years 2020 – 2023 at 317 deaths per 100,000 as compared to the rate for Illinois (286) but lower than the United States (338). The mortality rate was highest in 2020. The rate was highest among Whites and Non-Hispanics (See Supplementary Table 35). Mortality rates increased with age and peaked at 3,253 per 100,000 in individuals 80 years and older.

Table 90. COVID-19 Mortality Rate Per 100,000 Winnebago County, Illinois, US, 2020-2023*					
Winnebago County		Illinois		United States	
N	Rate	N	Rate	n	Rate
901	317	36,431	286	1,102,319	338
Source: John Hopkins Coronavirus Resource Center [ <a href="https://coronavirus.jhu.edu/map.html">https://coronavirus.jhu.edu/map.html</a> ]					
*Data collection ended on 3/10/2023					

## COVID-19 Mortality Rate Trend

Table 91. COVID-19 Mortality Rate Winnebago County, 2020-2023 <sup>a</sup>		
Year	N	Rate
2020	383	135
2021	283	99
2022	190	67
2023	49	17
Source: Illinois-National Electronic Disease Surveillance System (I-NEDSS), accessed 05/28/2024. U.S. Census Bureau, American Community Survey 5-Year Population Estimates.		

<sup>a</sup>Population data for calculation of rate taken from U.S Census Bureau, 2016-2020 American Community Survey 5-Year Estimates.

<sup>a</sup>Population data for calculation of rate taken from U.S Census Bureau, 2017-2021 American Community Survey 5-Year Estimates.

<sup>a</sup>Population data for calculation of rate taken from U.S Census Bureau, 2018-2022 American Community Survey 5-Year Estimates.

<sup>a</sup>Population data for calculation of rate taken from U.S Census Bureau, 2019-2023 American Community Survey 5-Year Estimates.

**Table 92. COVID-19 Mortality Rate Among Demographic Subgroup: Winnebago, 2020-2023**

	n	Rate
<b>Overall</b>	905	317
<b>Race</b>		
White	752	393
Black/African American	114	291
Asian	17	211
Other	22	106
<b>Ethnicity</b>		
Non-Hispanic	846	346
Hispanic/Latino	59	144
<b>Age</b>		
0-9	0	0
10-19	0	0
20-29	*	*
30-39	15	43
40-49	31	89
50-59	65	188
60-69	160	462
70-79	232	669
80+	395	3,253
Source: Illinois-National Electronic Disease Surveillance System (I-NEDSS), accessed 05/16/2023. U.S. Census Bureau, American Community Survey 5-Year Population Estimates.		
*Note: Asterisks denote fields that were suppressed for cells with <10 cases.		
<sup>a</sup> Population data for calculation of rate taken from U.S. Census Bureau, 2019-2023 American Community Survey 5-Year Estimates.		

## COVID-19 Vaccinations

A lower percentage of adults in Winnebago County (69.7%) were fully vaccinated against COVID-19 as compared to the state of Illinois (76.6%) and the United States (72.9%)

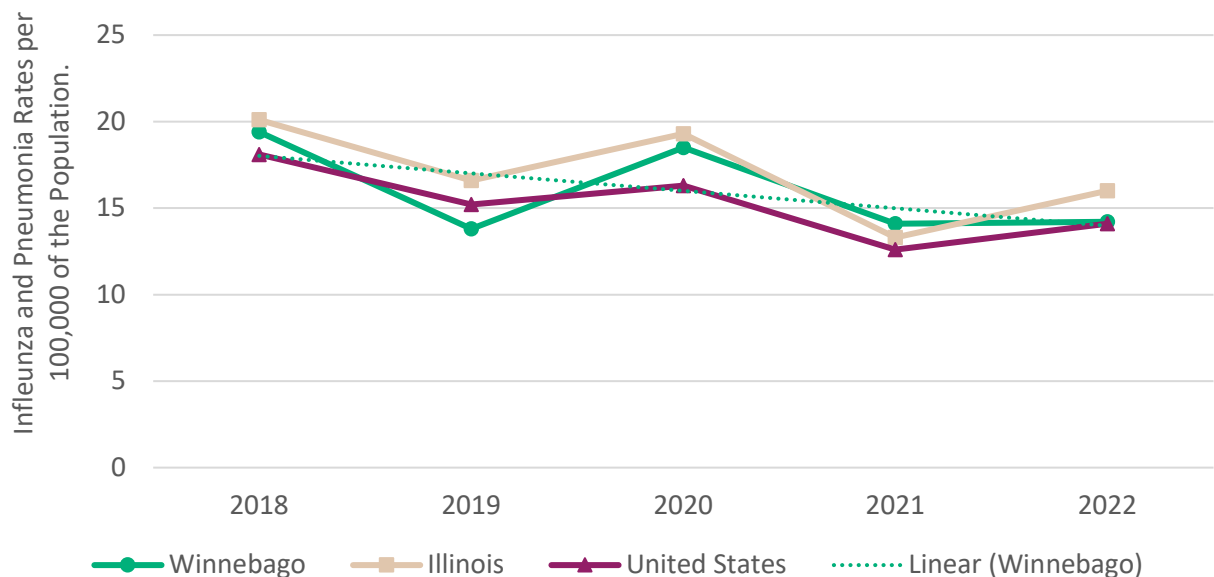


Table 93. COVID-19 Percent Fully Vaccinated Adults Winnebago County, Illinois, and US, 2020-2023*		
Winnebago County	Illinois	United States
69.7%	76.6%	72.9%
Source: John Hopkins Coronavirus Resource Center [ <a href="https://coronavirus.jhu.edu/map.html">https://coronavirus.jhu.edu/map.html</a> ]		
*Data collection ended on 3/10/2023		

### iii. Influenza and Pneumonia Mortality

In 2022, in Winnebago County, the death rate from influenza and pneumonia was 14 per 100,000, lower than the rate for Illinois (16.0) and similar to the United States (14.1 per 100,000).

**Figure 45. Influenza And Pneumonia Mortality Rate Per 100,000 Winnebago County, Illinois, And US, 2018-2022**



Source: Centers for Disease Control and Prevention, National Center for Health Statistics. Underlying Cause of Death 2018-2021 on CDC WONDER Online Database, released in 2021. [<https://wonder.cdc.gov/Deaths-by-Underlying-Cause.html>]

### iv. Tuberculosis

Tuberculosis is an infectious disease caused by bacteria that most often infects the lungs and can be potentially life-threatening. The tuberculosis rates are significantly lower in Winnebago County than Illinois. In 2023, there were four (4) cases of tuberculosis in Winnebago County with a rate of 1.40 and 353 in Illinois with a rate of 2.75.

Table 94. Tuberculosis Cases And Rates Per 100,000 Population <sup>a</sup> : Winnebago County And Illinois				
Year	Winnebago County		Illinois	
	N	Rate	n	Rate
2017	3	1.0	337	2.6
2018	1	0.4	319	2.5
2019	6	2.1	326	2.5
2020	2	0.7	216	1.7
2021	3	1.1	254	2.0
2022	8	2.8	298	2.3
2023	4	1.4	353	2.8
Source: IDPH TB Program - Map of Illinois Case Rates, 2017-2023 [ <a href="https://dph.illinois.gov/topics-services/diseases-and-conditions/infectious-diseases/tb/2023.html">https://dph.illinois.gov/topics-services/diseases-and-conditions/infectious-diseases/tb/2023.html</a> ]				
Note: Asterisks (*) denote rates that are suppressed for areas with a population <100,000.				
<sup>a</sup> Population data for rates are based on U.S. Census Bureau, 2018-2022 American Community Survey 5-Year Estimates.				

#### v. Communicable Disease

In Winnebago County, the most prevalent vaccine preventable diseases are Chronic Hepatitis B, which had 29 cases, and Influenza, which resulted in 45 ICU admissions in 2022. Other prevalent reportable diseases were Campylobacteriosis with 29 cases, Chronic Hepatitis C with 92 cases, Lyme Disease with 33 cases, Salmonella with 43 cases, and Streptococcal Group A with 43 cases. There were also 38 cases of potential human exposure to rabies. All other reportable diseases had fewer than 20 cases, including diseases that had no cases reported.

Table 95. Reported Communicable Diseases Cases And Rates Per 100,000: Winnebago County, 2022 (20 or more cases)		
Disease	2022 <sup>a</sup>	
	n	Rate
<b>Vaccine Preventable</b>		
Influenza, ICU admissions	45	15.8
Hepatitis B-Chronic	29	10.2
<b>Other Communicable Diseases</b>		
Coronavirus Novel 2019	32,372	11374.9
Hepatitis C-Chronic	92	32.3
Salmonellosis, other than typhoid	43	15.1
Rabies, potential human exposure	38	13.4
Lyme disease	33	11.6
Campylobacteriosis	29	10.2
Streptococcal infections, Group A, invasive including STSS and necrotizing fasciitis	28	9.8
Source: Illinois-National Electronic Disease Surveillance System (I-NEDSS), accessed 05/16/2023. U.S. Census Bureau, American Community Survey 5-Year Population Estimates.		





<sup>a</sup>Population data for calculation of rate taken from U.S Census Bureau, 2018-2022 American Community Survey 5-Year Estimates.

Refer to Supplementary Tables 32 - 36 for additional data on communicable diseases.



## SUPPLEMENTARY TABLES & FIGURES

### a. Demographics

**Supplementary Table 1. Geographic Mobility<sup>a</sup> Among Those ≥ 1 Year, 5-Year Estimate: Winnebago County, 2018-2021**

Location	Same County	Different County, Same State	Different State	From Abroad
Winnebago	9.4%	2.3%	1.5%	60.0%
Source: U.S. Census Bureau, American Community Survey 5-Year Estimates				
Table: S0701   GEOGRAPHIC MOBILITY BY SELECTED CHARACTERISTICS IN THE UNITED STATES [ <a href="https://data.census.gov/table?q=s0701&amp;g=0500000U.S.17201&amp;tid=ACST5Y2021.S0701">https://data.census.gov/table?q=s0701&amp;g=0500000U.S.17201&amp;tid=ACST5Y2021.S0701</a> ]				
<sup>a</sup> The movement of people from one location to another.				

**Supplementary Table 2. Distribution Of Total Population By Demographic Characteristics: Winnebago County, 2018-2022**

Characteristics	Overall (n=282,188)	
	N	%
<b>Overall</b>	284,591	100%
<b>Sex</b>		
Female	144,894	50.9%
Male	139,697	49.1%
Ratio (Males/100 Females)	96.4	
<b>Age Range</b>		
Under 5 years	17,513	6.2%
5 to 9 years	17,680	6.2%
10 to 14 years	19,578	6.9%
15 to 19 years	18,563	6.5%
20 to 24 years	17,530	6.2%
25 to 34 years	35,488	12.5%
35 to 44 years	33,647	11.8%
45 to 54 years	35,049	12.3%
55 to 59 years	19,238	6.8%
60 to 64 years	19,052	6.7%
65 to 74 years	29,918	10.5%
75 to 84 years	13,949	4.9%
85 years and over	7,386	2.6%
Median Age	39.5	
<b>Race</b>		
White alone	204,108	71.72%
Black or African American alone	38,111	13.39%

Asian alone	8,163	2.87%
American Indian and Alaska Native alone	834	0.29%
Native Hawaiian and Other Pacific Islander alone	102	0.04%
Population of two races	21,720	7.6%
Some other race alone	11,553	4.06%
<b>Ethnicity (any race)</b>		
Not Hispanic/Latino	244,539	85.9%
Hispanic/Latino	40,052	14.1%

Source: DP05 - ACS Demographic and Housing Estimates [<https://data.census.gov/table?g=050XX00US17201>]

**Supplementary Table 3. Annual Demographic Distribution Of Total Population, 1-Year Estimate: Winnebago County, 2013-2022**

Year	Sex		Age Median Age	Race							Ethnicity (any race)	
	Male	Female		White	Black /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%
2018	48.9%	51.1%	39.5	79.3%	12.9%	0.1%	3.0%	0.0%	1.4%	3.3%	13.1%	86.9%
2019	48.9%	51.1%	39.8	78.4%	13.8%	0.2%	2.7%	0.0%	1.8%	3.0%	13.5%	86.5%
2020	*	*	*	*	*	*	*	*	*	*	*	*
2021	48.9%	51.1%	39.3	66.6%	13.2%	0.8%	2.8%	0.1%	5.1%	11.5%	14.4%	85.6%
2022	49.6%	50.4%	39.3	66.5%	11.6%	0.3%	2.6%	0.9%	6.1%	12.7%	15.1%	84.9%

Source: U.S. Census Bureau, 2013-2022 American Community Survey 1-Year Estimates

Table: DP05 - ACS Demographic and Housing Estimates [<https://data.census.gov/table?g=0500000U.S.17201&tid=ACSDP1Y2021.DP05>] (choose each year)

\*The U.S. Census Bureau did not release its standard 1-year estimates from the 2020 American Community Survey (ACS) because of the impacts of the COVID-19 pandemic on data collection.

**Supplementary Table 4. Percent Of Population With A Disability By Select Characteristics, 5-Year Estimate: Winnebago County, Illinois, And US, 2018-2022**

	Winnebago	Illinois	United States
Total Civilian Noninstitutionalized Population	14.4%	11.6%	12.9%
<b>Gender</b>			
Female	14.8%	12.0%	13.0%
Male	13.9%	11.1%	12.7%
<b>Race/Ethnicity</b>			
White	15.2%	12.0%	13.60%
Black/African American	13.9%	15.0%	14.20%
Asian	9.9%	7.0%	7.60%
American Indian and Alaska Native	5.6%	11.6%	16%
Native Hawaiian and Other Pacific Islander	0.0%	9.1%	11.90%
Two/more races	11.3%	8.5%	10.70%
Other	10.2%	7.5%	9.70%
White alone, Not Hispanic/Latino	15.9%	12.5%	14.10%
Hispanic/Latino (of any race)	8.9%	7.3%	9.60%
<b>Age Range</b>			
Under 5 years	1.5%	0.6%	0.7%
5 to 17 years	5.5%	4.9%	5.9%
18 to 34 years	8.4%	6.5%	7.0%
35 to 64 years	14.3%	10.8%	12.4%
65 to 74 years	27.2%	22.6%	24.1%
75 years and over	45.7%	45.1%	46.9%
<b>Disability Type</b>			
With an ambulatory difficulty	8.10%	6.20%	6.70%
With an independent living difficulty	7.10%	5.50%	5.80%
With a cognitive difficulty	5.70%	4.50%	5.30%
With a hearing difficulty	3.70%	3.00%	3.60%
With a self-care difficulty	2.90%	2.40%	2.60%
With a vision difficulty	2.50%	2.10%	2.40%

Source: U.S. Census Bureau, 2022 American Community Survey 5-Year Estimates Subject Tables (2018-2022)

[Table: S1810 | DISABILITY CHARACTERISTICS](#)

[\[https://data.census.gov/table/ACSST5Y2022.S1810?q=s1810&g=040XX00US17\\_050XX00US17201&moe=false\]](https://data.census.gov/table/ACSST5Y2022.S1810?q=s1810&g=040XX00US17_050XX00US17201&moe=false)



Supplementary Table 5. Percent Of Veterans By Select Characteristics, 5-Year Estimate: Winnebago County And Illinois, 2018-2022		
	Winnebago	Illinois
Civilian population 18 years and over	6.8%	5.2%
<b>Period of Service</b>		
Gulf War (9/2001 or later) veterans	14.8%	20.2%
Gulf War (8/1990 to 8/2001) veterans	17.5%	19.5%
Vietnam era veterans	38.6%	35.5%
Korean War veterans	7.8%	6.6%
World War II veterans	2.7%	2.3%
<b>Sex</b>		
Male	91.7%	91.9%
Female	8.3%	8.1%
<b>Employment Status. (Civilian Population 18-64)</b>		
Unemployment Rate <sup>a</sup>	5.0%	4.8%
<b>Poverty Status. in the Past 12 Months (Civilian population ≥18 years for whom poverty status is determined)</b>		
Income Below Poverty Level	7.3%	6.9%
Income Above Poverty Level	92.7%	93.1%
<b>Disability Status (Civilian population ≥18 years for whom poverty status is determined)</b>		
With Any Disability	29.9%	28.9%
Without a Disability	70.1%	71.1%
Source: U.S. Census Bureau, 2022: American Community Survey 5-Year Estimates Subject Tables (2018-2022)		
<a href="https://data.census.gov/table/ACSST5Y2022.S2101?q=s2101&amp;g=040XX00US17_050XX00US17201&amp;moe=false">Table: S2101   VETERAN STATU.S.</a> <a href="https://data.census.gov/table/ACSST5Y2022.S2101?q=s2101&amp;g=040XX00US17_050XX00US17201&amp;moe=false">[https://data.census.gov/table/ACSST5Y2022.S2101?q=s2101&amp;g=040XX00US17_050XX00US17201&amp;moe=false]</a>		
<sup>a</sup> Unemployment Rate: The number of unemployed people as a percentage of the civilian labor force.		

## b. Socioeconomic Factors

**Supplementary Table 6. Educational Attainment By Age Group And Gender, 5-Year Estimate: Winnebago County And Illinois, 2018-2022**

	Total		
	Winnebago County	Illinois	United States
<b>Population 18-24 years</b>			
Less than High School graduate	17.7%	11.3%	12.0%
High School graduate/GED	39.2%	32.0%	32.9%
Some college/Associate's degree	33.3%	41.2%	43.0%
Bachelor's degree/higher	9.8%	15.5%	12.1%
<b>Population ≥ 25 years</b>			
Less than 9th grade	3.6%	4.5%	4.8%
9th-12th grade, no diploma	7.9%	5.4%	6.3%
High School graduate/GED	31.1%	25.3%	26.5%
Some college, no degree	23.8%	19.8%	20.0%
Associate's degree	9.5%	8.3%	8.7%
Bachelor's degree	15.3%	22.0%	20.6%
Graduate/professional degree	8.8%	14.7%	13.1%
Source: U.S. Census Bureau, 2018-2022 American Community Survey 5-Year Estimates			
Table: S1501   EDUCATIONAL ATTAINMENT [ <a href="https://data.census.gov/table?q=S1501+EDUCATIONAL+ATTAINMENT&amp;g=0400000US17_0500000US17201&amp;tid=ACST5Y2021.S1501&amp;moe=false">https://data.census.gov/table?q=S1501+EDUCATIONAL+ATTAINMENT&amp;g=0400000US17_0500000US17201&amp;tid=ACST5Y2021.S1501&amp;moe=false</a> ]			

**Supplementary Table 7. Dropout Rate<sup>ab</sup> Among Suburban/Urban And Rural School Districts: Winnebago County And Illinois, 2014-2023**

School District	2014	2015	2016	2017	2018	2019	2020 *	2021	2022	2023
<b>Illinois</b>	<b>2.2%</b>	<b>2.3%</b>	<b>2.0%</b>	<b>2.0%</b>	<b>2.0%</b>	<b>4.2%</b>	<b>5.7%</b>	2.5%	3.4%	2.9%
<b>Suburban/Urban</b>										
County of Winnebago SD 320	3.4%	3.1%	3.0%	1.4%	0.8%	7.5%	6.1%	5.8%	7.2%	4.3%
Harlem UD 122	3.4%	6.0%	2.9%	1.3%	1.7%	4.7%	3.5%	3.7%	6.6%	3.5%
Hononegah CHD 207	1.4%	1.2%	0.7%	0.8%	0.7%	2.2%	2.3%	1.1%	3.2%	1.5%
Rockford SD 205	7.3%	8.3%	7.4%	6.6%	6.0%	8.3%	7.8%	10.0 %	14.3 %	7.6%
<b>Rural</b>										
Durand CUSD 322	1.0%	2.0%	1.2%	1.9%	1.1%	1.1%	3.1%	3.7%	**	**
Pecatonica CUSD 321	1.4%	1.5%	1.1%	1.2%	2.3%	2.3%	1.5%	2.8%	10.2 %	**
Winnebago SD 323	2.0%	1.5%	0.4%	1.1%	0.7%	2.7%	2.7%	5.1%	5.0%	2.4%

<p><a href="#">Source: Illinois State Board of Education, School District Report Card</a>  <a href="https://www.illinoisreportcard.com/SearchResult.aspx?type=COUNTY&amp;SearchText=\$WINNEBAGO\$">[https://www.illinoisreportcard.com/SearchResult.aspx?type=COUNTY&amp;SearchText=\$WINNEBAGO\$]</a></p>
<p><sup>a</sup>Definition of Dropout Rate from 2014-2018: 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.</p>
<p><sup>b</sup>Definition of Dropout Rate from 2019-2020: The Dropout rate is the rate of dropouts in an entity (school, district, state) per enrollment. A dropout is defined as a student that:</p> <ul style="list-style-type: none"> <li>•Was enrolled in school at some time during the school year, was not enrolled the following school year, but was expected to be in membership (i.e., were not reported as dropouts the year before).</li> <li>•Did not graduate from high school (graduates include students who received a GED without dropping out of school).</li> <li>•Did not complete a state- or district-approved educational program.</li> <li>•Did not meet any of the following exclusionary conditions: transfer to another public school district, private school, or state- or district-approved educational program; temporary school-recognized absence due to suspension or illness; death.</li> </ul>
<p>*Data may have possibly been affected by the suspension of in-person instruction during the 2019-20 school year. While it was collected in accordance with Illinois State Board of Education (ISBE) data policy and validated through normal procedures, the state environment and policy changes resulting from the suspension of in-person instruction may have possibly affected the results. Please use caution when interpreting results and trends.</p> <p>**Suppressed data due to privacy concerns.</p>

**Supplementary Table 8. Household Income<sup>a</sup>, 5-Year Estimates: Winnebago County, Illinois, And U.S., 2018-2022**

Income	Winnebago		Illinois	U.S.
	n	%	%	%
Total Households	115,214	100%	100%	100%
<\$10,000	6,600	5.7%	5.3%	4.9%
\$10,000 to \$14,999	5,300	4.6%	3.5%	3.8%
\$15,000 to \$24,999	10,447	9.1%	6.7%	7.0%
\$25,000 to \$34,999	10,899	9.5%	7.1%	7.4%
\$35,000 to \$49,999	14,100	12.2%	10.1%	10.7%
\$50,000 to \$74,999	20,528	17.8%	15.4%	16.1%
\$75,000 to \$99,999	14,617	12.7%	12.9%	12.8%
\$100,000 to \$149,999	17,829	15.5%	17.6%	17.1%
\$150,000 to \$199,999	8,305	7.2%	9.4%	8.8%
≥\$200,000	6,589	5.7%	12.1%	11.4%
Median household income <sup>b</sup> (dollars)	\$61,738		\$78,433	\$75,149
Mean household income <sup>c</sup> (dollars)	\$81,384		\$108,873	\$105,833

Source: U.S. Census Bureau, 2018-2022 American Community Survey 5-Year Estimates

Table: DP03 | SELECTED ECONOMIC CHARACTERISTICS

[https://data.census.gov/table/ACSDP5Y2022.DP03?q=dp03&g=040XX00US17\\_050XX00US17201\\_010XX00US&moe=false](https://data.census.gov/table/ACSDP5Y2022.DP03?q=dp03&g=040XX00US17_050XX00US17201_010XX00US&moe=false)
<sup>a</sup>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.

<sup>b</sup>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.

<sup>c</sup>Mean household income: The amount obtained by dividing the total aggregate income of a group by the number of units in that group.

**Supplementary Table 9. Population Below Poverty Level Among Demographic Subgroups Of The Population For Whom Poverty Status Is Determined, 5-Year Estimate: Winnebago County, Illinois, US, 2018-2022**

Characteristics	Winnebago		Illinois	U.S.
	n	%	%	%
Population below poverty level	45,057	16.1%	11.8%	12.5%
<b>Sex</b>				
Male	21,204	15.4%	10.6%	11.3%
Female	23,853	16.7%	12.9%	13.7%
<b>Age Range</b>				
Under 18 years	16,501	25.3%	15.6%	16.7%
Under 5 years	4,897	28.4%	16.9%	18.1%
5 to 17 years	11,604	24.2%	15.2%	16.2%



Related children of householder under 18 years	16,174	24.9%	15.3%	16.3%
18 to 64 years	24,510	14.8%	11.0%	11.7%
18 to 34 years	11,220	19.0%	13.8%	14.7%
35 to 64 years	13,290	12.5%	9.4%	10.0%
60 years and over	6,389	9.3%	9.7%	10.3%
65 years and over	4,046	8.1%	9.4%	10.0%
<b>Race</b>				
Native Hawaiian and Other Pacific Islander	57	55.90%	18.40%	17.00%
Black/African American	13,544	36.50%	24.80%	21.50%
Asian	1,143	14.00%	10.20%	10.10%
White	23,418	11.60%	8.70%	10.10%
American Indian and Alaska Native	89	10.80%	13.20%	22.60%
Two/more races	5,113	23.9%	12.8%	14.8%
Other	1,693	14.7%	15.4%	18.6%
<b>Ethnicity</b>				
Hispanic/Latino	8,449	21.3%	13.9%	17.2%
White, Not Hispanic/Latino	19,582	10.6%	8.2%	9.2%
<b>Educational Attainment (among those ≥25 years)</b>				
Population 25 years and over	24,179	12.7%	9.7%	10.4%
Less than high school graduate	5,577	25.7%	21.7%	24.0%
High school graduate (includes equivalency)	9,947	16.8%	13.4%	13.7%
Some college, associate's degree	6,687	10.5%	9.6%	9.5%
Bachelor's degree or higher	1,968	4.2%	4.3%	4.4%
<b>Employment Status (among those ≥16 years)</b>				
Civilian labor force 16 years and over	14,121	10.1%	6.6%	6.8%
Employed	10,127	7.8%	5.2%	5.7%
Male	4,211	6.2%	4.2%	4.7%
Female	5,916	9.5%	6.3%	6.7%
Unemployed	3,994	37.9%	28.2%	27.4%
Male	2,155	38.0%	25.8%	25.2%
Female	1,839	37.8%	31.0%	30.0%
Source: U.S. Census Bureau, 2018-2022 American Community Survey 5-Year Estimates				
Table: S1701   POVERTY STATUS IN THE PAST 12 MONTHS				
[https://data.census.gov/table/ACSST5Y2022.S1701?q=s1701%20poverty%20statUS%20in%20the%20past%2012%20months&g=040XX00US17_050XX00U.S.17201_010XX00U.S.]				

**Supplementary Table 10a. Unemployment Rate<sup>a</sup> Among Demographic Subgroups Of The Population ≥16 Years, 5-Year Estimate: Winnebago County, Illinois And U.S., 2013-2017**

Demographic Subgroup	Unemployment Rate		
	Winnebago County	Illinois	United States
Population ≥16 years	10%	7.40%	6.60%
Sex (among population 20-64 years)			
Male	8.50%	7.10%	6.20%
Female	9.20%	6.60%	6%
Age Range			
16-19	29.20%	23.60%	20.70%
20-24	14.30%	13.00%	11.60%
25-29	14.00%	8.00%	7.50%
30-34	12.20%	6.60%	6.20%
35-44	9.10%	6.00%	5.20%
45-54	6.30%	5.50%	4.80%
55-59	6.30%	5.50%	4.60%
60-64	5.40%	4.90%	4.20%
65-74	4.20%	4.10%	3.90%
≥75	6.80%	4.10%	3.80%
Race			
Black or African American	23.90%	17.20%	11.90%
American Indian and Alaska Native	14.50%	9.80%	12.30%
White	7.80%	5.70%	5.50%
Asian	7.50%	5.40%	5.10%
Native Hawaiian and Other Pacific Islander	0.00%	8.40%	9.00%
Two/more races	22.60%	10.80%	9.80%
Other	10.40%	8.20%	8.10%
Ethnicity			
Hispanic/Latino (of any race)	10.20%	8%	7.60%
White alone, Not Hispanic/Latino	7.60%	5.40%	5.20%
Poverty Status in the Past 12 Months			
Below Poverty level	35.80%	29%	24.00%
At or above poverty level	6.20%	4.90%	4.40%
Disability Status			
With any disability	23.80%	15.6%	13.70%
Educational Attainment (among those 25-64 years)			
Population 25-64 years	8.70%	6.10%	5.40%
Less than HS graduate	16.60%	11.30%	10.00%
HS graduate/GED	11.40%	8.70%	7.10%

Some college/Associate's degree	8.30%	6.40%	5.50%
Bachelor's degree/higher	3.40%	3.30%	3.10%
Source: U.S. Census Bureau, 2013-2017 American Community Survey 5-Year Estimates			
Table: S1701   POVERTY STATUS IN THE PAST 12 MONTHS [ <a href="https://data.census.gov/table/ACSST5Y2022.S1701?q=s1701%20poverty%20status%20in%20the%20past%2012%20months&amp;g=040XX00US17_050XX00US17201_010XX00US">https://data.census.gov/table/ACSST5Y2022.S1701?q=s1701%20poverty%20status%20in%20the%20past%2012%20months&amp;g=040XX00US17_050XX00US17201_010XX00US</a> ]			

**Supplementary Table 11. Occupations And Industry Among The Civilian Employed Population ≥16 Years, 5-Year Estimates: Winnebago County, Illinois, And U.S., 2018-2022**

Subject	Winnebago		Illinois	U.S.
	n	%	%	%
Civilian Employed Population ≥ 16 years	129,952	100%	100%	100%
<b>Occupation</b>				
Management, Business, Science, and Arts Occupations	42,334	32.60%	41.60%	41.00%
Production, Transportation, and Material Moving Occupations	28,435	21.90%	14.70%	13.10%
Sales and Office Occupations	26,547	20.40%	20.30%	20.50%
Service Occupations	21,966	16.90%	16.20%	16.80%
Natural Resources, Construction, and Maintenance Occupations	10,670	8.20%	7.10%	8.70%
<b>Industry</b>				
Educational Services, and Health Care and Social Assistance	28,782	22.10%	23.30%	23.30%
Manufacturing	26,493	20.40%	11.60%	10.00%
Retail Trade	15,211	11.70%	10.50%	11.00%
Professional, Scientific, and Management, and Administrative and Waste Management Services	11,187	8.60%	12.50%	12.10%
Arts, Entertainment, and Recreation, and Accommodation and Food Services	10,743	8.30%	8.40%	9.00%
Transportation and Warehousing, and Utilities	8,702	6.70%	6.90%	5.80%
Construction	7,668	5.90%	5.50%	6.90%
Other Services, Except Public Administration	6,146	4.70%	4.60%	4.70%
Finance and Insurance, and Real Estate and Rental and Leasing	5,551	4.30%	7.40%	6.70%
Public Administration	3,652	2.80%	3.70%	4.70%
Wholesale Trade	3,533	2.70%	2.80%	2.40%
Information	1,692	1.30%	1.70%	1.90%
Agriculture, Forestry, Fishing and Hunting, and Mining	592	0.50%	1.00%	1.60%
Source: U.S. Census Bureau, 2018-2022 American Community Survey 5-Year Estimates				
Table: DP03   SELECTED ECONOMIC CHARACTERISTICS [ <a href="https://data.census.gov/table?q=dp03&amp;g=040XX00US17_050XX00US17201_010XX00US&amp;tid=ACSDP5Y2021.DP03&amp;moe=false">https://data.census.gov/table?q=dp03&amp;g=040XX00US17_050XX00US17201_010XX00US&amp;tid=ACSDP5Y2021.DP03&amp;moe=false</a> ]				

Supplementary Table 12. Year Structure Built, Winnebago County And Illinois		
Years	Winnebago County	Illinois
2020 or later	240	37,043
2010 – 2019	2,081	199,030
2000 – 2009	13,935	589,438
1990 – 1999	15,737	600,485
1980 – 1989	12,291	492,147
1970 – 1979	19,380	779,081
1960 – 1969	17,143	620,401
1950 – 1959	17,915	673,676
1940 – 1949	7,513	325,189
1939 or earlier	19,036	1,129,822
Source: U.S. Census Bureau, American Community Survey, 5-Year Estimates, 2021 Data. <a href="https://data.census.gov/table?t=Year+Structure+Built&amp;g=0400000US17_0500000US17201&amp;tid=ACSDT5Y2021.B25034">https://data.census.gov/table?t=Year+Structure+Built&amp;g=0400000US17_0500000US17201&amp;tid=ACSDT5Y2021.B25034</a>		

Supplementary Table 13. Housing Statistics, Winnebago County And Illinois, 2017-2021										
	2017		2018		2019		2020		2021	
	Winnebago	Illinois	Winnebago	Illinois	Winnebago	Illinois	Winnebago	Illinois	Winnebago	Illinois
<b>Housing Occupancy</b>										
Occupied Housing Units	114,491	4,818,452	114,608	4,830,038	114,779	4,846,134	115,768	4,884,061	115,240	4,930,255
Vacant Housing Units	11,309	516,395	11,164	517,230	10,928	514,181	9,935	489,324	9,871	482,740
Homeowner Vacancy Rate	2.0	1.9	2.0	1.9	1.5	1.8	1.3	1.6	1.1	1.5
Rental Vacancy Rate	5.9	6.4	6.3	6.4	6.7	6.2	6.1	5.9	6.2	6.0
<b>Units in Structure</b>										
1 Unit, Detached	88,048	3,141,506	88,179	3,144,791	88,158	3,151,088	87,699	3,161,971	87,162	3,168,519
1 Unit, Attached	5,465	305,724	5,265	306,831	5,274	308,624	5,275	311,584	5,338	317,727
2 Units	7,927	301,108	7,890	302,751	7,621	302,638	7,971	301,404	7,557	301,830
3-4 Units	7,807	347,038	7,962	346,168	7,978	343,908	8,489	342,842	8,574	346,560
5-9 Units	4,865	339,698	4,640	341,128	4,961	342,476	4,871	339,044	4,867	342,711
10-19 Units	3,120	208,671	3,214	204,909	3,001	203,042	2,947	204,840	3,079	209,656
20 + Units	6,357	556,080	6,587	567,465	6,716	575,649	6,620	580,042	6,796	597,726



Mobile Home	2,167	133,565	1,997	131,643	1,966	131,275	1,819	129,855	1,738	126,306
Boat, RV, Van, etc.	44	1,457	38	1,582	32	1,615	12	1,803	0	1,960
<b>Housing Tenure</b>										
Owner-Occupied	75,723	3,185,142	75,348	3,189,035	75,592	3,202,715	75,877	3,237,778	75,859	3,279,322
Average Household Size	2.54	2.71	2.52	2.70	2.51	2.69	2.49	2.67	2.52	2.68
Renter-Occupied	38,768	1,633,310	39,260	1,641,003	39,187	1,643,419	39,891	1,646,283	39,381	1,650,933
Average Household Size	2.34	2.41	2.35	2.39	2.32	2.35	2.27	2.30	2.29	2.28
<b>House Heating Fuel</b>										
Utility Gas	97,303	3,766,827	97,134	3,760,367	97,149	3,755,974	96,997	3,755,954	96,209	3,778,596
Bottled, Tank, or LP Gas	13,387	766,981	13,835	787,245	14,024	806,394	14,693	835,086	14,959	858,947
Electricity	2,490	198,002	2,181	196,425	2,123	197,716	2,354	204,935	2,378	204,950
Fuel Oil, Kerosene, etc.	453	30,500	532	31,708	527	31,492	921	34,709	898	35,470
Coal or Coke	256	23,708	320	23,735	423	24,489	365	24,747	403	24,971
Wood	482	22,991	481	21,764	411	21,120	340	20,119	286	18,537
Solar Energy	110	7,720	107	7,001	96	6,967	70	6,467	46	6,231
Other Fuel	5	908	6	916	14	1,036	17	1,113	48	1,655
No Fuel Used	5	815	12	877	12	946	11	931	13	898
<b>Mortgage Status</b>										
<b>Units with Mortgage</b>	49,133	2,052,491	47,954	2,034,106	47,816	2,027,640	46,843	2,023,476	46,556	2,051,911
<b>Monthly Owner Costs</b>										
< \$500	742	24,648	574	19,073	561	17,437	711	17,459	624	17,066
\$500 - \$999	14,260	335,181	13,873	314,761	13,839	299,614	13,922	292,735	12,653	261,365
\$1,000 - \$1,499	19,825	531,674	19,553	517,708	19,029	507,514	18,497	501,735	18,965	472,375
\$1,500 - \$1,999	9,027	468,001	8,801	461,285	8,792	458,975	9,037	458,065	8,505	464,488
\$2,000 - \$2,499	3,042	296,410	2,831	301,805	3,089	305,938	2,848	312,247	3,735	333,274
\$2,500 - \$2,999	1,155	168,031	1,234	173,591	1,386	179,083	1,041	183,095	1,067	198,596
> \$3,000	1,082	228,546	1,088	245,883	1,120	259,079	1,042	267,460	1,007	304,747



Monthly Owner Costs as a Percentage of Household Income										
< 20.0%	23,395	882,516	23,575	899,505	24,347	924,546	25,333	948,567	25,484	965,522
20.0-24.9%	7,713	330,043	7,718	327,704	7,756	327,858	7,169	322,713	6,682	324,312
25.0-29.9%	4,991	221,474	4,798	218,065	4,555	213,595	4,105	211,543	4,134	211,912
30.0-34.9%	3,407	147,919	2,911	140,650	2,707	135,269	2,625	132,374	2,533	133,468
> 35.0%	9,358	460,809	8,667	438,700	8,170	417,759	7,611	408,279	7,543	406,588
Not Computed	269	9,730	285	9,482	281	8,613	255	9,320	180	10,109
<b>Units without Mortgage</b>	26,590	1,132,651	27,394	1,154,929	27,776	1,175,075	28,779	1,204,982	29,303	1,227,411
Monthly Owner Costs										
< \$250	2,160	79,384	1,888	71,075	1,893	66,029	1,885	67,704	1,730	60,507
\$250 - \$399	5,650	180,568	5,617	169,801	5,711	164,368	6,086	163,630	5,679	151,874
\$400 - \$599	9,300	303,189	9,671	300,962	9,770	299,714	9,532	299,816	9,423	286,050
\$600 - \$799	6,202	248,081	6,396	257,151	6,191	263,553	6,639	269,882	6,781	269,399
\$800 - \$999	2,059	146,181	2,372	157,910	2,505	164,659	2,702	171,763	3,353	187,855
> \$1,000	1,219	175,248	1,450	198,030	1,706	216,752	1,935	232,187	2,337	271,726
Monthly Owner Costs as a Percentage of Household Income										
< 10.0%	10,448	418,543	11,090	427,000	11,624	441,503	11,895	465,824	12,238	478,547
10.0-14.9%	5,681	235,523	5,781	240,724	5,855	248,385	5,887	251,591	6,008	255,536
15.0-19.9%	3,254	137,864	3,154	139,973	3,208	141,238	3,629	143,181	3,649	147,079
20.0-24.9%	2,208	88,330	2,340	89,121	2,300	88,670	2,086	86,864	2,090	88,247
25.0-29.9%	1,404	57,310	1,387	59,174	1,146	58,189	1,367	58,495	1,420	57,661
30.0-34.9%	730	39,186	747	39,899	782	38,644	980	38,690	954	38,068
>35.0%	2,593	141,080	2,627	144,111	2,544	143,545	2,689	144,934	2,715	146,662
Not Computed	272	14,815	268	14,927	317	14,901	246	15,403	229	15,611
Gross Rent										
< \$500	5,324	176,437	5,241	168,844	5,036	164,474	4,779	158,683	4,303	144,444
\$500 - \$999	22,692	681,619	22,323	642,493	22,228	611,251	22,377	586,308	19,851	527,003
\$1,000 - \$1,499	7,713	438,294	8,397	458,834	8,310	473,827	8,966	479,109	10,904	503,717



\$1,500 - \$1,999	900	170,117	1,101	189,431	1,400	201,267	1,466	214,021	1,831	238,426
\$2,000 - \$2,499	292	58,105	306	67,219	301	73,924	348	82,989	474	96,808
\$2,500 - \$2,999	68	20,455	72	24,366	56	27,987	60	30,670	73	37,527
> \$3,000	96	17,057	96	20,104	109	22,576	142	26,335	186	33,478
<b>Gross Rent as a Percentage of Household Income</b>										
< 15.0%	4,759	203,180	4,673	207,056	4,831	216,119	5,483	223,197	5,129	225,236
15.0-19.9%	5,085	202,963	4,970	203,872	5,044	207,134	4,978	212,520	4,721	208,219
20.0-24.9%	4,624	192,890	4,991	197,433	5,190	199,624	5,457	203,190	5,369	203,292
25.0-29.9%	4,430	169,748	4,435	171,775	4,304	171,730	4,245	173,807	3,956	175,669
30.0-34.9%	2,866	132,421	3,114	132,569	3,016	131,897	2,911	134,257	3,062	133,009
>35.0%	14,576	612,339	14,587	610,490	14,254	601,163	14,364	585,096	14,611	587,869
Not Computed	2,428	119,769	2,490	117,808	2,548	115,752	2,453	114,216	2,533	117,639
<b>Other Housing Characteristics</b>										
Lacking Complete Plumbing	337	13,555	269	13,435	268	13,255	270	13,785	254	13,801
Lacking Complete Kitchen	1,290	34,783	1,247	35,875	1,349	37,655	1,291	38,233	1,200	37,801
No Telephone Service Available	3,030	114,802	2,916	108,428	2,642	93,634	1,883	80,351	1,378	56,144
Source: U.S. Census Bureau, 2017-2021 American Community Survey 5-Year Estimates [ <a href="https://data.census.gov/table?g=04000000US17_05000000US17201&amp;y=2021&amp;tid=ACSDP1Y2021.DP04">https://data.census.gov/table?g=04000000US17_05000000US17201&amp;y=2021&amp;tid=ACSDP1Y2021.DP04</a> ]										



### c. Health Resources

Supplementary Table 14. Percent Of Uninsured Population Among Demographic Subgroups, 5-Year Estimate: Winnebago County, Illinois, And US, 2018-2022				
Characteristics	Winnebago		Illinois	U.S.
	n	%	%	%
Uninsured civilian noninstitutionalized population	18,156	6.4%	7.0%	8.7%
<b>Sex</b>				
Male	10,605	7.7%	8.0%	9.7%
Female	7,551	5.3%	6.1%	7.7%
<b>Age Range</b>				
<6 years	685	3.3%	2.8%	4.4%
6 to 18 years	1,628	3.3%	3.6%	5.7%
19 to 25 years	2,839	11.9%	11.4%	14.1%
26 to 34 years	3,767	11.7%	12.2%	15.2%
35 to 44 years	3,319	9.9%	11.0%	13.1%
45 to 54 years	3,357	9.6%	9.4%	11.0%
55 to 64 years	2,275	6.0%	6.9%	8.2%
65 to 74 years	255	0.9%	1.1%	1.0%
≥75 years	31	0.2%	0.5%	0.5%
<b>Race</b>				
American Indian and Alaska Native	174	21.10%	15.00%	19.30%
Native Hawaiian and Other Pacific Islander	10	9.80%	17.40%	11.50%
Asian	766	9.40%	6.80%	6.10%
Black/African American	2,544	6.80%	8.10%	9.80%
White	10,883	5.40%	5.10%	7.00%
Two/more races	1,584	7.4%	10.8%	12.6%
Other	2,195	19.0%	18.6%	19.8%
<b>Ethnicity</b>				
Hispanic/Latino	5,251	13.2%	15.5%	17.6%
White alone, Not Hispanic/Latino	9,330	5.0%	4.3%	5.9%
<b>Disability Status</b>				
With a disability	1,521	3.8%	4.3%	5.6%
No disability	16,635	6.9%	7.4%	9.1%
<b>Educational Attainment (among those ≥26 years)</b>				
Civilian noninstitutionalized population ≥26 years	13,004	6.9%	7.7%	9.1%
Less than HS graduate	3,058	14.3%	19.8%	21.6%
HS graduate/GED	4,808	8.3%	10.4%	12.1%
Some college/Associate's degree	3,540	5.6%	6.6%	8.2%
Bachelor's degree/higher	1,598	3.5%	3.6%	3.8%



Employment Status (among those 19 to 64 years)				
Civilian noninstitutionalized population 19-64 years	15,557	9.6%	10.1%	12.2%
In labor force	11,773	9.2%	9.4%	11.5%
Employed	10,275	8.7%	8.7%	10.7%
Unemployed	1,498	16.1%	20.8%	25.8%
Not in labor force	3,784	11.0%	12.9%	14.8%
Household Income (among total household population)				
Total household population	18,026	6.4%	7.0%	8.7%
<\$25,000	3,715	9.1%	10.0%	12.8%
\$25,000 to \$49,999	4,635	8.8%	11.2%	13.2%
\$50,000 to \$74,999	3,708	7.4%	9.7%	11.5%
\$75,000 to \$99,999	2,536	6.6%	7.7%	9.2%
≥\$100,000	3,432	3.5%	4.1%	5.1%
Source: U.S. Census Bureau, 2018-2022 American Community Survey 5-Year Estimates				
Table: S2701   SELECTED CHARACTERISTICS OF HEALTH INSURANCE COVERAGE IN THE UNITED STATES				
[https://data.census.gov/table/ACSST5Y2022.S2701?q=s2701&g=040XX00US17_050XX00US17201_010XX00US&moe=false]				

Supplementary Table 15. Health Care Coverage Prevalence Data: Winnebago County And Illinois, 2015-2019				
Characteristics	Winnebago County		Illinois	
	N	Column %	N	Column %
Have Health Care Coverage/Health Plan <sup>a</sup>				
Overall	216,275	100%	9,838,661	100%
Yes	200,596	92.8%	8,561,912	87.0%
No	15,679	7.2%	1,276,749	13.0%
Have Usual Person as Health Care Provider <sup>b</sup>				
Overall	217,140	100%	9,839,648	100%
Yes	177,966	82.0%	7,842,155	79.7%
No	39,174	18.0%	1,997,493	20.3%
Source: Illinois Department of Public Health (IDPH). Health Statistics. Illinois County Behavioral Risk Factor Surveys, Winnebago County and Boone County, Round 5 (2010-2014)				
Table: Winnebago -				
[http://www.idph.state.il.us/brfss/countydata.asp?selTopicCounty=HealthCare&areaCounty=Winn_102&show=freq&yrCounty=6&form=county&yr=&area=&selTopic=]. Date Accessed: [09/06/2024].				
Illinois - [http://www.idph.state.il.us/brfss/statedata.asp?selTopic=ORAL&area=il&yr=2018&form=strata&show=freq]. Date Accessed: [09/06/2024].				
Note: Survey conducted among adults ≥ 18 years. 'N' represents weighted/adjusted response counts to each question.				
<sup>a</sup> Whether/not the respondent has any kind of health care coverage (health insurance/prepaid plans--like HMOs/government plans--like Medicare/Indian Health Service)				
<sup>b</sup> Whether/not the respondent has one person they think of as their personal doctor/health care provider.				

**Supplementary Table 16. Percent Of Patients Readmitted Within 30 Days Of Discharge Winnebago, Illinois, 2015**

	Winnebago		Illinois	
	n	Rate	N	Rate
All Medical Discharges	3,209	15.1	143,569	15.3
All Surgical Discharge	1,693	12.3	70,546	11.4
Source: Dartmouth Atlas Project [ <a href="https://www.dartmouthatlas.org/interactive-apps/post-discharge-events/">https://www.dartmouthatlas.org/interactive-apps/post-discharge-events/</a> ]				
Rates are adjusted for age, sex, race				

## d. Environmental

**Supplementary Table 17. Percent Of West Nile Virus Tested Mosquitoes And Dead Birds With A Positive Test Result: Winnebago County, 2019-2022**

Year	Mosquitos	Dead Birds
2018	12%	21%
2019	6%	4%
2020	2%	8%
2021	0%	40%
2022	5%	0%
Source: Winnebago County Health Department, West Nile Virus Program Data. Date Accessed: [07/15/2024].		

## e. Behavioral Risk and Prevention

Supplementary Table 18. Youth Behaviors, Student Characteristics: Winnebago County, 2024						
Characteristic	8th Grade		10th Grade		12th Grade	
	n	%	n	%	n	%
<b>Sex &amp; Gender</b>						
Female	775	48%	536	55%	307	55%
Male	799	50%	423	43%	241	43%
Prefer Not to Answer	34	2%	22	2%	10	2%
Total	1608	100%	981	100%	558	100%
<b>Race</b>						
White	581	36%	374	38%	166	30%
Hispanic/Latino	307	19%	168	17%	129	23%
Black/African American	278	17%	202	21%	141	25%
Asian American	71	4%	45	5%	34	6%
Native American/American Indian	14	1%	3	0%	2	0%
Multi-Racial	296	18%	169	17%	69	12%
Other	56	3%	15	2%	14	3%
Total	1603	100%	976	100%	555	100%
<b>Living Arrangement</b>						
Both Parents	845	53%	511	52%	264	48%
Parent and Step Parent	155	10%	122	13%	48	9%
Mother Only	273	17%	187	19%	148	27%
Father Only	26	2%	18	2%	26	5%
Split Time Between Parents	160	10%	74	8%	18	3%
Legal Guardian	39	2%	18	2%	13	2%
Foster Parent (Including Relative Foster Parent)	8	0%	5	1%	2	0%
Group Home/Residential Care	2	0%	1	0%	1	0%
Grandparents Only	20	1%	9	1%	8	1%
Living Independently	<sup>a</sup>	<sup>a</sup>	0	0%	2	0%
Multiple Living Situations	74	5%	30	3%	25	5%
Total	1602	100%	975	100%	555	100%
Source: Illinois Center for Prevention Research & Development, (ICPRD) Illinois Department of Humans Services (IDHS). (2024). Illinois Youth Survey 2024 County Report: Winnebago. [https://iys.cprd.illinois.edu/userFiles/Servers/Server_178052/File/2024/Cnty24_Winnebago.pdf]						
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 1 private school and 17 public schools; 12 middle and 5 high schools. Participating students were 1609 8th grade students, 981 10th grade students, and 558 12th grade students.						

<sup>a</sup> This question was not asked at this grade level.

## f. Maternal and Child Health

Supplementary Table 19. Population Of Children By Age And Race/Ethnicity: Winnebago County and Illinois, 2022		
Population	Winnebago	Illinois
<b>Total Population</b>	284,591	12,757,634
<b>Age</b>		
<1 year	137,802	3,375
1 year	140,295	3,428
2 years	143,384	3,465
3 years	147,759	3,561
4 years	151,925	3,686
5 years	139,985	3,315
≤5 years	861,150	20,830
<b>Race/Ethnicity</b>		
<b>Total Number of Children &lt; 5 years</b>	17,515	721,165
White Alone, Non-Hispanic/Latino	8,552	360,835
Hispanic/Latino (of any race)	3,910	172,520
Black/African American, Non-Hispanic/Latino	3,202	110,794
Asian, Non-Hispanic/Latino	572	37,785
American Indian and Alaska Native, Non-Hispanic/Latino	2	481
Native Hawaiian and Other Pacific Islander, Non-Hispanic/Latino	0	115
Two/More Races, Non-Hispanic/Latino	1,232	36,111
Other, Non-Hispanic/Latino	44	2,525
Source: IECAM demographers prepared estimates of population based on U.S. Census Bureau - Population Estimates Program and American Community Survey, 5-Year Estimates, 2022		
Table: Illinois Early Childhood Asset Map (IECAM) [ <a href="https://db.iecam.illinois.edu/cgi-bin/iecam/search.asp">https://db.iecam.illinois.edu/cgi-bin/iecam/search.asp</a> ]		
NOTE: Because of pandemic-related disruptions to data collection in 2020, the U.S. Census Bureau has alerted American Community Survey (ACS) data users to expect somewhat larger margins of error in the 2016-2020 5-year estimates than in previous 5-year releases.		

**Supplementary Table 20. Annual Number Of Teen Births: Winnebago County and Illinois, 2016-2022**

Year	Winnebago			Illinois		
	All Teen Births	< 18 years	18-19 years	All Teen Births	< 18 years	18-19 years
2016	232	67	165	7,805	2,094	5,711
2017	235	47	188	7,162	1,858	5,304
2018	219	48	171	6,459	1,645	4,814
2019	225	52	173	5,949	1,473	4,476
2020	193	38	155	5,429	1,360	4,069
2021	173	40	133	4,566	1,148	3,418
2022	191	51	140	4,538	1,118	3,420

Centers for Disease Control and Prevention, National Center for Health Statistics. National Vital Statistics System, Natality on CDC WONDER Online Database. Data are from the Natality Records 2016-2022, as compiled from data provided by the 57 vital statistics jurisdictions through the Vital Statistics Cooperative Program. Accessed at <http://wonder.cdc.gov/natality-expanded-current.html> on May 30, 2024 12:38:10 PM

**Supplementary Table 21. Population Of Children By Income-To-Poverty Ratios And By Age (0-5): Winnebago County And Illinois, 2022**

Poverty Level	Winnebago							Illinois						
	<1 year	1 year	2 years	3 years	4 years	5 years	≤5 years	<1 year	1 year	2 years	3 years	4 years	5 years	≤5 years
0-50%	518	526	530	547	570	516	3,207	10947	11,145	11,390	11,738	12,069	11,120	68,409
0-100%	993	1,007	1,015	1,045	1,091	988	6,139	23,345	23,767	24,290	25,031	25,737	23,714	145,884
0-130%	1,284	1,304	1,317	1,356	1,413	1,280	7,954	31,283	31,849	32,550	33,543	34,489	31,778	195,492
0-185%	1,652	1,678	1,694	1,744	1,815	1,641	10,224	45,492	46,315	47,334	48,779	50,154	46,212	284,286
0-200%	1,788	1,816	1,833	1,866	1,962	1,774	11,059	49,214	50,105	51,208	52,770	54,258	49,994	307,549
0-400%	2,793	2,834	2,856	2,934	3,046	2,743	17,206	88,946	90,555	92,549	95,373	98,062	90,355	555,840

Source: IECAM demographers prepared estimates of population based on U.S. Census Bureau - Population Estimates Program and American Community Survey, 5-Year Estimates, 2022

Table: Illinois Early Childhood Asset Map (IECAM) [<https://db.iecam.illinois.edu/cgi-bin/iecam/search.asp>]

Income to Poverty Ratio: the ratio of the number of people (in a given age group) whose income falls below the poverty line; taken as half the median household income of the total population.

NOTE: Because of pandemic-related disruptions to data collection in 2020, the U.S. Census Bureau has alerted American Community Survey (ACS) data users to expect somewhat larger margins of error in the 2016-2020 5-year estimates than in previous 5-year releases.

**Supplementary Table 22. 15 Leading Causes Of Infant Deaths, Aggregate 5-Year Crude Rate<sup>a</sup>: Winnebago County And Illinois, 2017-2021**

Leading Causes of Death	Winnebago	Illinois
Congenital malformations, deformations and chromosomal abnormalities	1.8	1.1
Disorders related to short gestation and low birth weight, not elsewhere classified	1.6	1.3
Sudden infant death syndrome	1.2	0.1
Bacterial sepsis of newborn	0.6	0.2
Newborn affected by maternal complications of pregnancy	*	0.4
Accidents (unintentional injuries)	*	0.4
Newborn affected by complications of placenta, cord and membranes	*	0.2
Neonatal hemorrhage	*	0.1
Respiratory distress of newborn	*	0.1
Diseases of the circulatory system	*	0.1
Assault (homicide)	*	0.1
Intrauterine hypoxia and birth asphyxia	*	0.1
Atelectasis	*	0.1
Necrotizing enterocolitis of newborn	*	0.1
Influenza and pneumonia	*	0.1
Centers for Disease Control and Prevention, National Center for Health Statistics. National Vital Statistics System, Linked Birth / Infant Deaths on CDC WONDER Online Database. Data are from the Linked Birth / Infant Deaths Records 2017-2021, as compiled from data provided by the 57 vital statistics jurisdictions through the Vital Statistics Cooperative Program. Accessed at <a href="http://wonder.cdc.gov/lbd-current-expanded.html">http://wonder.cdc.gov/lbd-current-expanded.html</a>		
Note: Asterisks (*) denote data that was not available whether zero/suppressed.		
<sup>a</sup> Rate = Number of infant deaths per 1,000 live births (substituted by population <1 year) for the same time period.		

**Supplementary Table 23. Total Proposed Capacity For Illinois' Preschool For All (PFA) Program: Winnebago County And Illinois, FY 2010-FY 2022**

Year	Winnebago	Illinois
FY 2010	2,985	86,717
FY 2011	2,534	81,468
FY 2012	2,360	77,685
FY 2013	2,490	76,475
FY 2014	2,256	73,881
FY 2015	2,256	73,803
FY 2016	2,256	72,524
FY 2017	2,256	68,644
FY 2018	2,256	75,082
FY 2019	2,400	76,387
FY 2020	2,474	78,303
FY 2021	2,474	75,049
FY 2022	2,474	76,940

Source: The Annie E. Casey Foundation, KIDS COUNT Data Center [<https://datacenter.kidscount.org>]; Illinois Early Childhood Asset Map [<https://search.iecam.illinois.edu/cgi-bin/iecam/search.asp>]

Table: "Proposed capacity" refers to "the number of children (3 & 4 year olds) proposed to be served (at any one time) or enrolled in ISBE PFA programs."

**County:** [<https://datacenter.aecf.org/data/tables/8573-preschool-for-all-enrollment?loc=15&loct=5#detailed/5/2290/false/2100,2030,1766,1688,1646,1563,1447,1248,1090,1001/any/17281>]

**State:** [<https://datacenter.aecf.org/data/tables/8573-preschool-for-all-enrollment?loc=15&loct=5#detailed/2/any/false/2100,2030,1766,1688,1646,1563,1447,1248,1090,1001/any/17281>]

**Supplementary Table 24. Annual Head Start, Funded Enrollment: Winnebago County And Illinois, FY 2012-FY 2022**

Year	Winnebago	Illinois
FY 2012	559	36,244
FY 2013	559	36,633
FY 2014	559	34,916
FY 2015	559	34,848
FY 2016	591	31,946
FY 2017	591	31,558
FY 2018	559	26,478
FY 2019	646	26,498
FY 2020	534	19,739
FY 2021	534	19,259
FY 2022	534	17,876

Source: The Annie E. Casey Foundation, KIDS COUNT Data Center [<https://datacenter.kidscount.org>]; Illinois Early Childhood Asset Map [<https://search.iecam.illinois.edu/cgi-bin/iecam/search.asp>]

Table: Head Start, funded enrollment by county in Illinois [<https://datacenter.kidscount.org/data/tables/8575-head-start-funded-enrollment-by-county?loc=15&loct=5#detailed/5/2193,2290/true/1688,1646,1563,1447,1248,1090,1001,943,839,742/any/17286>]

**Supplementary Table 25. Annual Number Of Children Under Age 5 Receiving Child Care Assistance: Winnebago County And Illinois, FY 2011-FY 2020**

Year	Winnebago	Illinois
FY 2011	3,380	99,444
FY 2012	3,229	92,918
FY 2013	3,153	91,613
FY 2014	3,004	92,506
FY 2015	3,676	102,337
FY 2016	2,712	71,353
FY 2017	2,535	77,122
FY 2018	2,149	66,098
FY 2019	2,538	77,085
FY 2020	2,937	84,265

Source: The Annie E. Casey Foundation, KIDS COUNT Data Center [<https://datacenter.kidscount.org>]; Illinois Early Childhood Asset Map [<https://search.iecam.illinois.edu/cgi-bin/iecam/search.asp>]

Table: Number of children ages 5 and under receiving child care assistance by family location in the Child Care Assistance Program (CCAP) in Winnebago County and in Illinois [<https://datacenter.kidscount.org/data/tables/8592-children-under-age-5-receiving-child-care-assistance-by-county?loc=15&loct=5#detailed/5/2193,2290/true/1447,1248,1090,1001,943,839,742,70/any/17317>]

**Supplementary Table 26. Annual Percent Of Maltreatment Among Cases With Children In Intact Family: Winnebago County And Illinois, FY 2016-FY 2022**

Year	Winnebago County	Illinois
FY 2016	12.5%	13.8%
FY 2017	16.7%	16.6%
FY 2018	15.6%	16.2%
FY 2019	20.5%	18.1%
FY 2020	19.6%	18.0%
FY 2021	12.3%	18.1%
FY 2022	13.6%	16.8%

Source: University of Illinois Urbana-Champaign, School of Social Work Children and Family Research Center [[https://www.cfrc.illinois.edu/data-center-tables.php?met=pct\\_intact\\_subreps&areatype=geo\\_cty&area=winnebago](https://www.cfrc.illinois.edu/data-center-tables.php?met=pct_intact_subreps&areatype=geo_cty&area=winnebago)]

<sup>a</sup> Of all children served in intact family cases during the fiscal year, the percentage that had a substantiated maltreatment report within 12 months.

<sup>b</sup> The per-year totals for this measure ("ALL CHILDREN") reflect the total numbers of children with valid values for the breakdown being viewed. Since counts may be culled from records missing geographic, demographic or placement type information, totals between breakdowns may not be identical. For example, adding counts for all age groups for a given year may not produce the same result as adding races, since there may be missing races and/or ages in the population



**Supplementary Table 27. Annual Number Of Children In Substitute Care<sup>a</sup>: Winnebago County And Illinois, FY 2014 - FY 2023**

Year	Winnebago	Illinois
FY 2014	872	14,659
FY 2015	651	14,339
FY 2016	608	14,225
FY 2017	560	13,942
FY 2018	549	14,676
FY 2019	575	15,906
FY 2020	608	18,272
FY 2021	615	19,242
FY 2022	539	18,608
FY 2023	452	17,981

Source: The Annie E. Casey Foundation, KIDS COUNT Data Center

Table: Children in Substitute Care by County in Illinois

State: [<https://datacenter.kidscount.org/data/tables/11046-children-in-substitute-care?loc=15&loct=5#detailed/2/any/false/2478,2100,2030,1766,1688,1646,1563,1447,1248/any/21377>]

County : [<https://datacenter.kidscount.org/data/tables/11046-children-in-substitute-care?loc=15&loct=5#detailed/5/2190-2291/false/2478,2100,2030,1766,1688,1646,1563,1447,1248/any/21377>]

<sup>a</sup>Totals are number of children substitute care, defined as in a foster family home, group home, or institution - is the temporary placement of children outside their homes due to abuse, neglect or dependency, at the end of the fiscal year.

## g. Mortality Injury and Illness

Supplementary Table 28. All Cancer Site, Age-Adjusted Incidence Rates <sup>a</sup> Per 100,000 Population By Demographic Characteristics: Winnebago County, Illinois, United States, 2016-2020			
Characteristics	Winnebago County	Illinois	United States
All Cancer Sites	455.6	459.7	442.3
<b>Sex</b>			
Male	481.5	496.8	480.6
Female	440.9	436.5	416.4
<b>Age</b>			
<50	113.1	106.0	105.2
50+	1,352.4	1,386.0	1,328.9
<65	240.1	231.6	225.0
65+	1,944.7	2,036.8	1,944.4
<b>Race/Ethnicity</b>			
White (non-Hispanic)	469.4	479.0	461.9
Black/African American (non-Hispanic)	467.6	473.0	445.9
Hispanic (any race)	342.0	355.4	355.4
Source: NIH State Cancer Profiles [ <a href="https://statecancerprofiles.cancer.gov/incidencerates/index.php?stateFIPS=17&amp;areatype=county&amp;cancer=001&amp;race=00&amp;sex=0&amp;age=001&amp;type=incd&amp;sortVariableName=rate&amp;sortOrder=default&amp;output=0#results">https://statecancerprofiles.cancer.gov/incidencerates/index.php?stateFIPS=17&amp;areatype=county&amp;cancer=001&amp;race=00&amp;sex=0&amp;age=001&amp;type=incd&amp;sortVariableName=rate&amp;sortOrder=default&amp;output=0#results</a> ] – CDC's National Program of Cancer Registries Cancer Surveillance System (NPCR-CSS) November 2022 data submission and SEER November 2022 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 2022 data submission.			
<sup>a</sup> 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 million population.			

**Supplementary Table 29. Unsmoothed<sup>a</sup>, Age-Adjusted<sup>b</sup> Total Cardiovascular Disease Death Rates Per 100,000 Population, 3-Year Estimate: Winnebago County, Illinois, And US, 2019-2021**

Characteristics	Winnebago	Illinois	U.S.
<b>Total Cardiovascular Disease - Death Rate per 100,000</b>	253.0	224.6	223.0
<b>Gender</b>			
Male	321.4	275.4	270.8
Female	197.6	183.1	182.8
<b>Age</b>			
35+	490.9	435.8	432.3
35-64	147.8	107.8	108.8
65+	1535.2	1434.3	1417.0
Under 75	107.3	84.7	83.9
<b>Race/Ethnicity</b>			
Black/African American (Non-Hispanic)	354.7	335.9	308.0
White (Non-Hispanic)	251.7	223.2	225.6
Hispanic/Latino	148.9	134.6	166.4
American Indian and Alaskan Native	*	70.3	198.0
Asian	*	111.1	128.6

Source: CDC Interactive Atlas of Heart Disease and Stroke, 2019-2021 - 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://nccd.cdc.gov/DHDSPAtlas/Reports.aspx>]

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

<sup>a</sup>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.

<sup>b</sup>Rates are age-adjusted to the 2000 projected U.S. population.

**Supplementary Table 30. Unsmoothed<sup>a</sup>, Age-Adjusted<sup>b</sup> Total Cardiovascular Disease Hospitalization Rates Per 1,000 Medicare Beneficiaries 65+<sup>c</sup>: Winnebago County, Illinois, And US, 2019-2021**

Characteristics	Winnebago	Illinois	U.S.
<b>Total Cardiovascular Disease - Hospitalization Rate per 1,000 Medicare Beneficiaries, 65+</b>	55.2	60.0	**
<b>Gender</b>			
Male	61.0	68.3	**
Female	50.7	53.6	**
<b>Race/Ethnicity</b>			
Black/African American	86.6	88.3	**
White	53.8	58.3	**
Hispanic/Latino	41.4	39.9	**
Source: CDC Interactive Atlas of Heart Disease and Stroke, 2019-2021 - 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. [ <a href="https://nccd.cdc.gov/DHDSPAtlas/Reports.aspx">https://nccd.cdc.gov/DHDSPAtlas/Reports.aspx</a> ]			
*Note: Asterisks denote fields that could not be calculated due to insufficient data.			
<sup>a</sup> 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.			
<sup>b</sup> Rates are age-adjusted to the 2000 projected U.S. population.			
<sup>c</sup> Beneficiary is considered eligible for any given month if he/she is eligible for at least 1 day within that month. Eligibility inclusion criteria include: non-null and valid gender, non-null and valid race/ethnicity, 65 years of age on extract year/before January 1st of extract year, 65 years of age on January 1st of extract year and living or turns 65 on extract year and living on birthday. If found eligible for the entire extraction year, additional requirements must be fulfilled for 11 of the 12 months to be included. If found eligible for less than 12 months of extraction year, the additional requirements must be fulfilled for entire period of eligibility. Additional requirements include: enrollment in Part A only/Part A and other parts (Part B, state buy-in, part B and state buy-in), enrollment as fee-for-service beneficiary (including those enrolled in case/disease management demonstration projects), and not a member of HMO. Additional MedPAR inclusion criteria: primary ICD-9-CM code is one for a selected health indicator, Group Health Organization has not paid provider for claim(s), classification of short hospital stay, age at admission is ≥65 years.			

**Supplementary Table 31. Unsmoothed<sup>a</sup>, Age-Adjusted<sup>b</sup> Total Cardiovascular Disease Hospitalization Rates Per 1,000 Medicare Beneficiaries 65+<sup>c</sup>: Winnebago County, Illinois, And U.S., 2019-2021**

Characteristics	Winnebago	Illinois	U.S.
<b>Total Cardiovascular Disease - Hospitalization Rate per 1,000 Medicare Beneficiaries, 65+</b>	55.2	60.0	**
<b>Gender</b>			
Male	61.0	68.3	**
Female	50.7	53.6	**
<b>Race/Ethnicity</b>			
Black/African American	86.6	88.3	**
White	53.8	58.3	**
Hispanic/Latino	41.4	39.9	**
Source: CDC Interactive Atlas of Heart Disease and Stroke, 2019-2021 - 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. [ <a href="https://nccd.cdc.gov/DHDSPAtlas/Reports.aspx">https://nccd.cdc.gov/DHDSPAtlas/Reports.aspx</a> ]			
*Note: Asterisks denote fields that could not be calculated due to insufficient data.			
<sup>a</sup> 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.			
<sup>b</sup> Rates are age-adjusted to the 2000 projected U.S. population.			
<sup>c</sup> Beneficiary is considered eligible for any given month if he/she is eligible for at least 1 day within that month. Eligibility inclusion criteria include: non-null and valid gender, non-null and valid race/ethnicity, 65 years of age on extract year/before January 1st of extract year, 65 years of age on January 1st of extract year and living or turns 65 on extract year and living on birthday. If found eligible for the entire extraction year, additional requirements must be fulfilled for 11 of the 12 months to be included. If found eligible for less than 12 months of extraction year, the additional requirements must be fulfilled for entire period of eligibility. Additional requirements include: enrollment in Part A only/Part A and other parts (Part B, state buy-in, part B and state buy-in), enrollment as fee-for-service beneficiary (including those enrolled in case/disease management demonstration projects), and not a member of HMO. Additional MedPAR inclusion criteria: primary ICD-9-CM code is one for a selected health indicator, Group Health Organization has not paid provider for claim(s), classification of short hospital stay, age at admission is ≥65 years.			

**Supplementary Table 32. Unsmoothed<sup>a</sup>, Age-Adjusted<sup>b</sup> All Heart Disease Death Rates Per 100,000 Population, 3-Year Estimate: Winnebago County, Illinois, And U.S., 2019-2021**

Characteristics	Winnebago	Illinois	U.S.
<b>All Heart Disease - Death Rate per 100,000</b>	<b>195.4</b>	<b>167.7</b>	<b>168.1</b>
<b>Gender</b>			
Male	256.5	215.4	213.3
Female	146.5	129.5	130.8
<b>Age</b>			
35+	378.9	325.2	325.7
35-64	123.8	86.9	86.8
65+	1,155.2	1,050.7	1,053.0
Under 75	87.9	67.0	66.0
<b>Race/Ethnicity</b>			
Black/African American (Non-Hispanic)	255.7	240.3	223.7
White (Non-Hispanic)	196.7	169.6	172.9
Hispanic/Latino	111.9	92.2	118.5
American Indian and Alaskan Native	*	58.2	149.5
Asian	*	74.2	85.0

Source: CDC Interactive Atlas of Heart Disease and Stroke, 2019-2021 - 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://nccd.cdc.gov/DHDSPAtlas/Reports.aspx>]

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

<sup>a</sup>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.

<sup>b</sup>Rates are age-adjusted to the 2000 projected U.S. population.

## h. Communicable Disease

**Supplementary Table 33. Reported Chlamydia Rates Per 100,000 Population: Winnebago County And Illinois, 2017-2023**

Year	Winnebago	Illinois	United States
2017	695.5	591.0	525.7
2018	743.2	607.8	538.3
2019	782.5	639.3	551.0
2020	692.5	566.9	476.7
2021	716.7	568.8	495.5
2022	668.3	536.3	495.0
2023	673.1	557.7	492.2

Source: Centers for Disease Control and Prevention. NCHHSTP AtlasPlus. [<https://gis.cdc.gov/grasp/nchhstpatlas/tables.html>]

**Supplementary Table 34. Reported Gonorrhea Rates Per 100,000 Population: Winnebago County And Illinois, 2017-2023**

Year	Winnebago	Illinois	United States
2017	231.5	186.7	171.0
2018	261.3	199.8	178.6
2019	304.0	231.0	187.8
2020	408.6	240.3	204.5
2021	325.7	210.2	214.0
2022	257.3	242.4	194.4
2023	152.7	202.3	179.5

Source: Centers for Disease Control and Prevention. NCHHSTP AtlasPlus. [<https://gis.cdc.gov/grasp/nchhstpatlas/tables.html>]

**Supplementary Table 35. Reported Primary And Secondary Syphilis Rates Per 100,000 Population: Winnebago County And Illinois, 2019-2023**

Year	Winnebago	Illinois	United States
2017	3.2	9.6	9.4
2018	6.0	11.1	10.7
2019	8.8	10.8	11.9
2020	13.0	11.7	12.6
2021	15.2	11.6	16.2
2022	18.1	11.4	17.7
2023	17.4	11.6	15.8

Source: Centers for Disease Control and Prevention. NCHHSTP AtlasPlus. [<https://gis.cdc.gov/grasp/nchhstpatlas/tables.html>]

Supplementary Table 36. COVID-19 Confirmed Cases Rate Per 100,000: Winnebago 2020-2023		
Population	N	Rate
Overall	101,970	35,735
Race		
White	64,638	33,820
Black/African American	13,438	34,317
Asian	2,173	27,031
Other	6,512	31,345
Ethnicity		
Non-Hispanic	73,717	30,163
Hispanic/Latino	15,031	36,704
Sex		
Male	46,093	32,982
Female	55,870	38,372
Age		
0-9	9,131	26,341
10-19	12,690	33,577
20-29	16,340	47,019
30-39	15,678	44,214
40-49	13,952	41,171
50-59	13,218	34,627
60-69	10,468	29,095
70-79	6,269	27,830
80+	4,223	34,774
Source: Illinois-National Electronic Disease Surveillance System (I-NEDSS), accessed 05/16/2023. U.S. Census Bureau, American Community Survey 5-Year Population Estimates.		
<sup>a</sup> Population data for calculation of rate taken from U.S Census Bureau, 2019-2023 American Community Survey 5-Year Estimates.		



Supplementary Table 37. Reported Communicable Diseases: Winnebago County, 2018-2022										
Disease	2018 <sup>a</sup>		2019 <sup>b</sup>		2020 <sup>c</sup>		2021 <sup>d</sup>		2022 <sup>e</sup>	
	n	rate	n	rate	n	rate	n	rate	n	rate
<b>Vaccine Preventable</b>										
Chickenpox (Varicella)	*	*	*	*	*	*	*	*	*	*
Diphtheria	0	0.0	0	0.	0	0.0	0	0.0	0	0.0
Hemophilus influenzae, invasive	*	*	*	*	*	*	*	*	*	*
Hepatitis A	*	*	0	0.0	*	*	*	*	*	*
Hepatitis B-Acute Infection	*	*	*	*	*	*	0	0.0	0	0.0
Hepatitis B-Chronic	24	8.4	23	8.1	21	7.4	57	20.0	29	10.2
Hepatitis D	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Influenza deaths in < 18 yrs old	0	0.0	0	0.0	*	*	0	0.0	*	*
Influenza, ICU admissions	0	0.0	0	0.0	32	11.3	0	0.0	45	15.8
Measles (Rubeola)	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Mumps	0	0.0	*	*	*	*	0	0.0	*	*
Neisseria meningitidis, invasive	*	*	0	0.0	0	0.0	0	0.0	0	0.0
Pertussis (Whooping Cough)	18	6.3	22	7.7	*	*	*	*	*	*
Poliomyelitis	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Rubella	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
S. pneumoniae - non-drug resistant invasive disease (among those <5yrs)	*	*	0	0.0	*	*	0	0.0	0	0.0
Tetanus	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
<b>Other Communicable Diseases</b>										
Anaplasmosis	0	0.0	0	0.0	*	*	*	*	0	0.0
Anthrax	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Arboviruses	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Babesiosis	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Botulism, foodborne	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Botulism, infant, wound, other	0	0.0	0	0.0	0	0.0	0	0.0	*	*
Brucellosis	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Campylobacteriosis	88	30.8	56	19.7	51	18.0	47	16.5	29	10.2
Chikungunya Non-neuroinvasive Disease	0	0.0	*	*	0	0.0	0	0.0	0	0.0
Chikungunya Neuroinvasive Disease	0	0.0	*	*	0	0.0	0	0.0	0	0.0

Cholera	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Coronavirus Novel 2019 <sup>f</sup>	<sup>f</sup>	<sup>f</sup>	<sup>f</sup>	<sup>f</sup>	25,223	8892.8	23,715	8307.3	32,372	11374.9
Cryptosporidiosis	21	7.3	0	0.0	*	*	*	*	*	*
Cyclophorias	13	4.5	0	0.0	*	*	*	*	*	*
Dengue	0	0.0	*	*	0	0.0	0	0.0	0	0.0
Ehrlichiosis	0	0.0	0	0.0	0	0.0	0	0.0	*	*
Enteric E. coli infections (STEC,O157:H7)	29	10.1	26	9.1	*	*	*	*	*	*
Hantavirus pulmonary syndrome	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Hemolytic uremic syndrome, post diarrheal	0	0.0	*	*	0	0.0	0	0.0	0	0.0
Hepatitis C-Acute	*	*	*	*	*	*	*	*	*	*
Hepatitis C-Chronic	198	69.2	146	51.3	106	37.4	138	48.3	92	32.3
Histoplasmosis	*	*	*	*	*	*	*	*	*	*
Legionellosis	*	*	*	*	*	*	*	*	13	4.6
Leptospirosis	0	0.0	0	0.0	*	*	0	0.0	0	0.0
Listeriosis	*	*	*	*	*	*	*	*	*	*
Lyme disease	*	*	*	*	21	7.4	23	8.1	33	11.6
Malaria	0	0.0	*	*	0	0.0	*	*	*	*
Mpox (monkeypox, MPV) <sup>g</sup>	<sup>g</sup>	<sup>g</sup>	<sup>g</sup>	<sup>g</sup>	<sup>g</sup>	<sup>g</sup>	<sup>g</sup>	<sup>g</sup>	*	*
Plague	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Psittacosis	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Q fever	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Rabies, human case	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Rabies, potential human exposure	36	12.6	0	0.0	0	0.0	50	17.5	38	13.4
Reye syndrome	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Salmonellosis, other than typhoid	68	23.8	51	17.9	38	13.4	55	19.3	43	15.1
Severe Acute Respiratory Syndrome (SARS)	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Shigellosis	*	*	*	*	*	*	*	*	*	*
Smallpox	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Spotted fever rickettsioses	0	0.0	0	0.0	0	0.0	0	0.0	*	*
S. aureus infections with intermediate or high-level resistance to vancomycin	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0

Streptococcal infections, Group A, invasive including STSS and necrotizing fasciitis	*	*	*	*	26	9.2	*	*	28	9.8
Toxic shock syndrome due to S. aureus	0	0.0	0	0.0	*	*	0	0.0	*	*
Trichinosis	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Tuberculosis	*	*	*	*	0	0.0	*	*	*	*
Tularemia	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Typhoid fever	*	*	0	0.0	0	0.0	0	0.0	0	0.0
Typhus	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Vibriosis (non cholera)	*	*	*	*	*	*	*	*	*	*
West Nile Fever	*	*	0	0.0	0	0.0	0	0.0	0	0.0
Zika Virus	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Source: Illinois-National Electronic Disease Surveillance System (I-NEDSS), accessed 05/16/2023. U.S. Census Bureau, American Community Survey 5-Year Population Estimates.										
*Note: Asterisks denote fields that were suppressed for cells with <20 cases.										
<sup>a</sup> Population data for calculation of rate taken from U.S Census Bureau, 2014-2018 American Community Survey 5-Year Estimates.										
<sup>a</sup> Population data for calculation of rate taken from U.S Census Bureau, 2015-2019 American Community Survey 5-Year Estimates.										
<sup>a</sup> Population data for calculation of rate taken from U.S Census Bureau, 2016-2020 American Community Survey 5-Year Estimates.										
<sup>a</sup> Population data for calculation of rate taken from U.S Census Bureau, 2017-2021 American Community Survey 5-Year Estimates.										
<sup>a</sup> Population data for calculation of rate taken from U.S Census Bureau, 2018-2022 American Community Survey 5-Year Estimates.										
<sup>f</sup> Coronavirus Novel 2019 became reportable in 2020										
<sup>g</sup> Mpox became reportable in 2022										

## Data sources

- American Community Survey (ACS)
- CDC Behavioral Risk Factor Surveillance System (BRFSS)
- CDC Diabetes Interactive Atlas
- CDC Interactive Atlas of Heart Disease and Stroke
- CDC Wonder
- Centers for Disease Control and Prevention (CDC)
- Centers for Disease Control and Prevention - Social Vulnerability Index (SVI)
- Centers for Medicare & Medicaid Services
- County Health Rankings & Roadmaps (University of Wisconsin Population Health Institute)
- Eviction Lab at Princeton University
- Feeding America
- Federal Bureau of Investigation (FBI)
- Illinois Department of Human Services (IDHS)
- Illinois Department of Public Health (IDPH)
- Illinois Early Childhood Asset Map (IECAM)
- Illinois Lead Program
- Illinois State Board of Education (ISBE)
- Illinois-National Electronic Disease Surveillance System (I-NEDSS)
- Johns Hopkins Coronavirus Resource Center
- National Environmental Public Health Tracking Network
- National Highway Traffic Safety Administration (NHTSA)
- National Institutes of Health (NIH)
- NIH State Cancer Profiles
- Northwestern University, Illinois Violent Death Reporting System (IVDRS)
- Robert Wood Johnson Foundation
- Rockford Area Economic Development Council
- Statewide Unintentional Drug Overdose Reporting System (SUDORS)
- U.S. Census Bureau
- U.S. Census Bureau's American Community Survey (ACS)
- Winnebago County Health Department (WCHD)
- Winnebago County Coroner
- University of Wisconsin Population Health Institute