

2023 Sheboygan County Health Data Report

A summary of secondary data sources



Prepared by:
Sheboygan County Division of Public Health
1011 N. 8th Street
Sheboygan, WI 53081
(920) 459-3207
[Healthy Sheboygan County](#)



Public Health
Prevent. Promote. Protect.

Sheboygan Co.- Secondary Data Report

This report was prepared by the [Sheboygan County Health and Human Services Division of Public Health Health](#) with input from Advocate-Aurora Health Care, Holy Sisters Hospital Systems St. Nicholas Hospital, Lakeshore Community Health Care, Froedtert Health, The United Way of Sheboygan County, and the University of Wisconsin Extension - Sheboygan County. For any questions or clarifications, please contact the Division of Public Health at hsc@sheboygancounty.com

Prepared by the Sheboygan County Division of Public Health

Table of Contents

<u>Introduction.....</u>	<u>3</u>
<u>Sheboygan County Demographics.....</u>	<u>4</u>
<u>Births.....</u>	<u>7</u>
<u>Mortality.....</u>	<u>11</u>
<u>Injury.....</u>	<u>14</u>
<u>Suicide.....</u>	<u>16</u>
<u>Opioids.....</u>	<u>17</u>
<u>Emergency Department Visits.....</u>	<u>19</u>
<u>Child Abuse.....</u>	<u>21</u>
<u>Sex Offense Rates.....</u>	<u>21</u>
<u>Sexually Transmitted Infections.....</u>	<u>21</u>
<u>Cancer.....</u>	<u>22</u>
<u>Other.....</u>	<u>23</u>
<u>Sheboygan County Health Rankings.....</u>	<u>31</u>

Introduction

Every three years, [Healthy Sheboygan County](#), a community-based initiative seeking to make positive changes in the health status of Sheboygan County residents, partners with local hospital systems and non-governmental organizations to assess the community's health needs and create a recommended set of health-related topics to prioritize over the next few years. This report is one of several summaries that illustrates the information gathered during the Community Health Needs Assessment (CHNA) process. The purpose of this Secondary Data Report is to consolidate secondary source information with the aim of creating a profile of the health status of Sheboygan County residents; primary indicators were not included and state and national comparisons were provided when available.

The information contained within this report comes from publicly available data sources including: the US Census Bureau's American Community Survey and 2010/2020 Decennial Census, the Wisconsin Department of Health Services' Wisconsin Interactive Health Statistics (WISH) query system, the Wisconsin Department of Health Services' Office of Health Informatics, the Wisconsin Department of Children and Families, the Wisconsin Department of Justice, the University of Wisconsin Population Health Institute's County Health Rankings, the Centers for Disease Control and Prevention's National Center for Immunization and Respiratory Diseases (NCIRD), Behavioral Risk Factor Surveillance System (BRFSS), the CDC's PLACES project, the Environmental Protection Agency (EJScreen tool), the National Vital Statistics System-Mortality (NVSS-M), the National Cancer Institute (NCI), the Wisconsin Health Association Information Center (WHAIC), and the US Diabetes Surveillance System. Tables were mainly compiled from a single source, however some tables contain information aggregated from several sources.

Data for each indicator were presented by race/ethnicity, gender, and various age groupings when available. Race data categorized as 'unknown' or 'missing' were rarely included in this report. Therefore, not all races are represented in the data that follow due to how information was presented from the source. Some tables present race data *'alone or in combination'*, which includes people who reported a single race alone (e.g., Asian) and people who reported that race in combination with one or more of the other major race groups (e.g., White, Black or African American, American Indian and Alaska Native, Native Hawaiian and Other Pacific Islander, and Some Other Race). The 'race alone or in combination' concept, therefore, represents the maximum number of people who reported as that race group, either alone, or in combination with another race(s). The sum of the six individual race 'alone or in combination' categories may add to more than the total population because people who reported more than one race were tallied in each race category.

In some cases data were not presented by the system from which they were obtained due to their internal confidentiality policies which specify that data will not be released when the number is less than five. In other cases, data were available but the rates or percentages are not presented in this report. This is due to the indicator having small numbers in the numerator or denominator resulting in rates or percentages that, in combination with other reported information, result in the display of a cell containing a value of 1 to 4.99, which conflicts with the reporting of a number less than five. These instances are denoted with grayed out cells. When available, state and national comparisons were provided.

University of Wisconsin Population Health Institute. County Health Rankings 2023. Accessible at www.countyhealthrankings.org.

Sheboygan County Demographics

General population characteristics of Sheboygan County. Estimates include race/ethnicity, sex, age, education, employment, income, housing, language spoken, poverty status, and population change over time.

Total Population - Sheboygan County			
	2021		State 2021
Total Population	117,747		5,895,908
Total Population - Race alone or in combination with one or more other races			
	#	%	%
White	105,990	90.0%	87.4%
Black or African American	3,793	3.2%	7.6%
Asian	7,747	6.6%	3.7%
American Indian and Alaska Native	1,080	0.9%	2.0%
Native Hawaiian and Other Pacific Islander	*N	*N	0.1%
Hispanic or Latino (of any race)	8,426	7.2%	7.5%
Other Race	7,076	6.0%	7.0%
Total Population - Sex			
Female	57,745	49.0%	49.9%
Male	60,002	51.0%	50.1%
Total Population - Age			
0-14 years	21,077	17.9%	17.6%
15-44 years	42,530	36.1%	38.4%
45-64 years	31,760	27.0%	26.0%
65 years and over	22,380	19.0%	17.9%

US Census Bureau (2021). American Community Survey 1-Year Estimates. Data accessed from <https://data.census.gov/>, table DP05, on August 25, 2023.

*N - The estimate or margin of error cannot be displayed because there was an insufficient number of sample cases in the selected geographic area.

Sheboygan Co.- Secondary Data Report

Demographics - Sheboygan County		
	2021	State 2021
Education level of adults 25 years or older		
Less than high school degree	6.8%	6.7%
High school graduate	32.7%	30.0%
Some college / Associate's degree	33.5%	30.8%
Bachelor's degree or higher	27.0%	32.5%
Percent of those ages 16 or older who are unemployed		
Unemployment rate	1.7%	2.3%
Median HH Income (2021 dollars)		
Median income	\$62,188	\$67,125
Percent of all people below poverty in last 12 months		
Percent below poverty	8.8%	10.8%
Language spoken at home		
English	90.3%	91.4%
Spanish	4.1%	4.6%
Other Indo-European languages	1.3%	1.9%
Asian and Pacific Islander languages	4.2%	1.7%
Other languages than English	0.1%	0.4%
Housing Tenure		
Owner occupied	72.3%	68.1%
Renter occupied	27.7%	31.9%

US Census Bureau (2021). American Community Survey 1-Year Estimates and 5-Year Estimates. Data accessed from <https://data.census.gov/>, tables S1501, DP03, S1601, and S1101, on August 25, 2023.

Sheboygan Co.- Secondary Data Report

Population Change in Race and Ethnicity - Sheboygan County						
	2010 Census		2020 Census		2010 to 2020 Change	
	#	% of Total	#	% of Total	#	%
Total Population	115,507	100.0%	118,034	100%	2,527	0.0%
Hispanic or Latino	6,329	5.5%	8,662	7.3%	2,333	1.8%
Not Hispanic or Latino	109,178	94.5%	109,372	92.7%	194	-1.8%
White Alone	103,861	89.9%	98,204	83.2%	-5,657	-6.7%
Black or African American Alone	1,684	1.5%	2,539	2.2%	855	0.7%
American Indian and Alaska Native Alone	444	0.4%	540	0.5%	96	0.1%
Asian Alone	5,310	4.6%	6,913	5.9%	1,603	1.3%
Native Hawaiian or Other Pacific Islander	35	<0.1%	21	<0.1%	-14	0.0%
Some Other Race Alone	2,297	2.0%	3,400	2.9%	1,103	0.9%
Two or More Races	1,876	1.6%	6,417	5.4%	4,541	3.8%

US Census Bureau. 2010 and 2020 Decennial Census Redistricting Data. Data accessed from <https://data.census.gov/>, tables P1 and P2 on August 25, 2023.

Population Change in Age - Sheboygan County						
	2010 Census		2020 Census		2010 to 2020 Change	
	#	% of Total	#	% of Total	#	%
Total Population	115,507	100.0%	118,034	100.0%	2,527	0.0%
0-4	7,156	6.2%	6,263	5.3%	-893	-0.9%
5-9	7,521	6.5%	7,018	5.9%	-503	-0.6%
10-14	7,956	6.9%	7,738	6.6%	-218	-0.3%
15-19	7,643	6.6%	7,571	6.4%	-72	-0.2%
20-24	6,198	5.4%	6,425	5.4%	227	0.0%
25-34	13,864	12.0%	13,916	11.8%	52	-0.2%
35-44	15,056	13.0%	14,363	12.2%	-693	-0.8%
45-54	18,605	16.1%	14,845	12.5%	-3,760	-3.6%
55-59	8,183	7.1%	8,874	7.5%	691	0.4%
60-64	6,504	5.6%	8,775	7.4%	2,271	1.8%
65-74	8,426	7.3%	13,073	11.1%	4,647	3.8%
75-84	5,657	4.9%	6,516	5.5%	859	0.6%
85+	2,738	2.4%	2,657	2.3%	-81	-0.1%

U.S. Census Bureau. 2010 Summary File 1 and 2020 Decennial Census Data accessed from <https://data.census.gov/>, tables P12 and DP1 on August 25, 2023.

Sheboygan Co.- Secondary Data Report

Poverty Status in the Past 12 Months - Sheboygan County		
	2021	State 2021
Percent of all ages in poverty	8.8%	10.8%

US Census Bureau (2021). American Community Survey 1-Year Estimates. Data accessed from <https://data.census.gov/>, table DP03, on August 10, 2023.

Births

Births which occurred in Sheboygan County including race/ethnicity and education of mother, prenatal care, smoking while pregnant, low birthweight, prematurity, infant mortality, and teen birth rates.

Total Births - Sheboygan County				
	2019	2020	2021	State 2021
Total Births	1,199	1,131	1,128	61,814
Total Births by Race/Ethnicity of Mother				
White (Non-Hispanic)	841	804	828	43,947
Black/African American (Non-Hispanic)	35	26	35	5,935
American Indian/Alaska Native (NonHispanic)				547
Hispanic	155	134	124	6,913
Laotian or Hmong (Non-Hispanic)	120	114	89	1,240
Other (Non-Hispanic)	23	25	21	1,624
Two or More Races (Non-Hispanic)	22	22	24	1,493
Total Births by Education of Mother				
Some High School or Less	89	75	79	5,788
High School Graduate / GED	377	328	334	15,074
Some College	340	305	306	16,774
College Graduate	291	276	300	16,185
Post Graduate	91	108	91	7,558

Wisconsin Dept. of Health Services, Division of Public Health, Office of Health Informatics. Wisconsin Interactive Statistics on Health (WISH) data query system, Birth Counts Module, <https://www.dhs.wisconsin.gov/wish/birth/form.htm>, accessed August 28, 2023.

Sheboygan Co.- Secondary Data Report

Percent Births to Those Receiving First Trimester Care - Sheboygan County			
	2019	2020	State 2020
Total Births	1,199	1,131	60,615
Percent 1st Trimester Care	83.5%	82.1%	76.7%
Percent of Mothers Receiving First Trimester Prenatal Care by Race/Ethnicity			
White (Non-Hispanic)	86.4%	86.8%	81.1%
Black/African American (Non-Hispanic)	80.0%	57.7%	62.8%
American Indian/Alaska Native (Non-Hispanic)			62.5%
Hispanic	75.5%	76.9%	67.6%
Laotian or Hmong (Non-Hispanic)	74.2%	61.4%	67.1%
Other (Non-Hispanic)	78.3%	88.0%	71.9%
Two or More Races (Non-Hispanic)	90.9%	68.2%	71.2%

Wisconsin Dept. of Health Services, Division of Public Health, Office of Health Informatics. Wisconsin Interactive Statistics on Health (WISH) data query system, Prenatal Care Module, <https://www.dhs.wisconsin.gov/wish/prenatal-care/form.htm>, accessed July 24, 2023

Percent Late (started in third trimester) or No Prenatal Care - Sheboygan County			
	2019	2020	State 2020
Total Births	1,199	1,131	60,615
Percent Late or No Prenatal Care	2.8%	3.4%	4.6%
Percent of Mothers Receiving Late or No Prenatal Care by Race/Ethnicity			
White (Non-Hispanic)	2.6%	2.6%	3.7%
Black/African American (Non-Hispanic)			7.7%
American Indian/Alaska Native (Non-Hispanic)			9.6%
Hispanic		5.2%	5.8%
Laotian or Hmong (Non-Hispanic)		4.4%	3.0%
Other (Non-Hispanic)			5.5%
Two or More Races (Non-Hispanic)			6.8%

Wisconsin Dept. of Health Services, Division of Public Health, Office of Health Informatics. Wisconsin Interactive Statistics on Health (WISH) data query system, <http://dhs.wisconsin.gov/wish/>, Prenatal Care Module, accessed August 11, 2023

Sheboygan Co.- Secondary Data Report

Tobacco Use During Pregnancy - Sheboygan County				
	2019	2020	2021	State 2021
Total Births	1,199	1,131	1,128	61,814
Percent of Births Where Mother Indicated Smoking During Pregnancy	11.0%	9.4%	7.0%	7.0%
Percent of Mothers Who Smoked While Pregnant by Race/Ethnicity				
White (Non-Hispanic)	13.2%	10.3%	8.0%	7.1%
Black/African American (Non-Hispanic)	20.0%		22.9%	7.7%
American Indian/Alaska Native (Non-Hispanic)				29.6%
Hispanic	5.2%	6.7%		4.0%
Laotian or Hmong (Non-Hispanic)				2.9%
Other (Non-Hispanic)				1.1%
Two or More Races (Non-Hispanic)		36.4%		15.4%
Percent of Mothers Who Smoked While Pregnant by Education				
Some High School or Less	23.6%	20.0%	20.3%	13.2%
High School Graduate/ GED	17.5%	16.8%	11.1%	13.9%
Some College	12.4%	9.5%	7.5%	7.6%
College Graduate				0.7%
Post Graduate				0.3%

Wisconsin Dept. of Health Services, Division of Public Health, Office of Health Informatics. Wisconsin Interactive Statistics on Health (WISH) data query system, <https://www.dhs.wisconsin.gov/wish/birth/form.htm>, Birth Counts Module, accessed August 28, 2023.

Percent of All Births That Are Low Birthweight - Sheboygan County			
	2019	2020	State 2020
Total Births	1,199	1,131	60,615
Percent Low Birth Weight (<2,500 grams)	6.0%	6.8%	7.7%
Percent of Births That Are Low Birthweight by Race/Ethnicity of the Mother			
White (Non-Hispanic)	6.4%	6.7%	6.2%
Black/African American (Non-Hispanic)			16.8%
American Indian/Alaska Native (Non-Hispanic)			7.4%
Hispanic		5.2%	8.1%
Laotian or Hmong (Non-Hispanic)	5.8%		6.3%
Other (Non-Hispanic)		20.0%	9.2%
Two or More Races (Non-Hispanic)			9.5%

Wisconsin Dept. of Health Services, Division of Public Health, Office of Health Informatics. Wisconsin Interactive Statistics on Health (WISH) data query system, Low Birthweight Module, <https://www.dhs.wisconsin.gov/wish/lbw/form.htm>, accessed July 24, 2023.

Sheboygan Co.- Secondary Data Report

Infant Mortality - Sheboygan County			
	2019	2020	State 2020
Total Births	1,199	1,131	60,615
Total Number of Infant Deaths (<365 Days)	9	7	361
Infant Mortality Rate (<365 days) per 1,000 Live Births	7.5	6.2	6.0
Infant Mortality Rate Per 1,000 Live Births by Race/Ethnicity of the Mother			
White (Non-Hispanic)	8.3		4.4
Black/African American (Non-Hispanic)			14.3
American Indian/Alaska Native (Non-Hispanic)			
Hispanic			7.9
Laotian or Hmong (Non-Hispanic)			5.9
Other (Non-Hispanic)			6.6
Two or More Races (Non-Hispanic)			4.3

Wisconsin Dept. of Health Services, Division of Public Health, Office of Health Informatics. Wisconsin Interactive Statistics on Health (WISH) data query system, Infant Mortality Module, <https://www.dhs.wisconsin.gov/wish/infant-mortality/form.htm>, accessed August 15, 2023.

Premature Births (<37 weeks gestation) - Sheboygan County			
	2019	2020	State 2020
Total Births	1,199	1,131	60,615
Percent Premature Births (<37 weeks of gestation)	7.7%	9.1%	9.9%
Percent Premature Birth by Race/Ethnicity			
White (Non-Hispanic)	8.7%	9.5%	9.0%
Black/African American (Non-Hispanic)			16.3%
American Indian/Alaska Native (Non-Hispanic)			13.4%
Hispanic	5.2%	10.4%	10.1%
Laotian or Hmong (Non-Hispanic)	5.0%	5.3%	7.1%
Other (Non-Hispanic)			9.2%
Two or More Races (Non-Hispanic)			11.4%

Wisconsin Dept. of Health Services, Division of Public Health, Office of Health Informatics. Wisconsin Interactive Statistics on Health (WISH) data query system, Low Birthweight Module, <https://www.dhs.wisconsin.gov/wish/lbw/form.htm>, accessed August 15, 2023.

Sheboygan Co.- Secondary Data Report

Birth Rate for Teens Ages 15 - 19 - Sheboygan County			
	2019	2020	State 2020
Total Births to Teens 15-19	49	43	2,143
Birth Rate per 1,000 Females Ages 15-19	14.4	12.8	11.5

Wisconsin Dept. of Health Services, Division of Public Health, Office of Health Informatics. Wisconsin Interactive Statistics on Health (WISH) data query system, Teen Births Module, <http://dhs.wisconsin.gov/wish/>, Teen Births Module, accessed August 15, 2023.

Birth Rate for Teens Ages 15 through 17 - Sheboygan County			
	2019	2020	State 2020
Total Births to Teens 15-17	17	5	488
Birth Rate per 1,000 Females Ages 15-17	8.6	2.5	4.4

Wisconsin Dept. of Health Services, Division of Public Health, Office of Health Informatics. Wisconsin Interactive Statistics on Health (WISH) data query system, Teen Births Module, <http://dhs.wisconsin.gov/wish/>, Teen Births Module, accessed August 15, 2023.

Mortality

Deaths occurring in Sheboygan County including years of potential life lost, age-adjusted mortality rates, and average age of death with breakdowns by race/ethnicity and sex.

Number of Deaths - Sheboygan County			
	2019	2020	State 2020
Total Deaths (all causes)	1,167	1,338	62,704
Mortality Rate (per 100,000)	1,003.7	1,153.8	1,074.5
Number of Deaths by Race/Ethnicity			
White	1,132	1,297	57,649
Black	9	12	3,872
Hispanic	29	29	1,435
American Indian			584
Asian	23	26	599
Number of Deaths by Sex			
Female	562	677	30,261
Male	605	661	32,442

Wisconsin Dept. of Health Services, Division of Public Health, Office of Health Informatics. Wisconsin Interactive Statistics on Health (WISH) data query system, Mortality Module, <https://www.dhs.wisconsin.gov/wish/mortality/broad-form.htm>, accessed August 15, 2023.

Sheboygan Co.- Secondary Data Report

Mortality Rate (per 100,000) - Sheboygan County			
	2019	2020	State 2020
Total Deaths (all causes)	1,167	1,338	62,704
Mortality Rate (per 100,000)	1,003.7	1,153.8	1,074.5
Mortality Rate (per 100,000) by Race/Ethnicity			
White	1,074.9	1,240.8	1,125.3
Black	275.4	353.6	886.9
Hispanic	373.9	363.6	335.0
American Indian			738.9
Asian	332.4	358.7	304.1
Mortality Rate (per 100,000) by Sex			
Female	977.2	1,181.7	1,032.3
Male	1,029.7	1,126.5	1,117.0

Wisconsin Dept. of Health Services, Division of Public Health, Office of Health Informatics. Wisconsin Interactive Statistics on Health (WISH) data query system, Mortality Module, <https://www.dhs.wisconsin.gov/wish/mortality/broad-form.htm>, accessed August 16, 2023.

Years of Potential Life Lost per 100,000 Population - Sheboygan County			
	2019	2020	State 2020
Total Deaths (all causes)	1,167	1,338	62,704
Mortality Rate (per 100,000)	1,003.7	1,153.8	1,074.5
Years of Potential Life Lost Rate (years per 100,000 population)	6,800.4	7,021.9	7,658.8
Years of Potential Life Lost by Race/Ethnicity: Rate per 100,000 Population			
White	6,898.2	6,940.7	7,142.6
Black	7,372.6	8,868.4	14,720.6
Hispanic	8,712.8	6,757.1	6,047.0
American Indian	7,812.3	7,300.7	10,453.7
Asian	5,026.5	7,205.9	3,606.2
Years of Potential Life Lost by Sex: Rate per 100,000 Population			
Female	5,593.8	5,329.5	5,660.2
Male	7,945.6	8,624.1	9,624.3

Wisconsin Dept. of Health Services, Division of Public Health, Office of Health Informatics. Wisconsin Interactive Statistics on Health (WISH) data query system, Mortality Module, <https://www.dhs.wisconsin.gov/wish/mortality/broad-form.htm>, accessed August 16, 2023.

Sheboygan Co.- Secondary Data Report

Age-Adjusted Mortality Rate (per 100,000) - Sheboygan County			
	2019	2020	State 2020
Total Deaths (all causes)	1,167	1,338	62,704
Age Adjusted Mortality Rate	720.0	831.5	836.4
Age-Adjusted Mortality Rate (per 100,000) by Race/Ethnicity			
White	719.9	827.0	811.7
Black	406.9	999.2	1,319.3
Hispanic	734.9	781.2	701.0
American Indian			1,037.4
Asian	735.2	744.5	588.2
Age-Adjusted Mortality Rate (per 100,000) by Sex			
Female	600.9	728.0	701.4
Male	856.7	941.6	994.2

Wisconsin Dept. of Health Services, Division of Public Health, Office of Health Informatics. Wisconsin Interactive Statistics on Health (WISH) data query system, Mortality Module, <https://www.dhs.wisconsin.gov/wish/mortality/broad-form.htm>, accessed August 16, 2023.

Average Age at Death - Sheboygan County			
	2019	2020	State 2020
Average Age at Death	75.8	76.7	75.1
Average Age at Death by Race/Ethnicity			
White	76.2	77.3	76.2
Black	48.4	52.2	61.5
Hispanic	54.4	60.0	60.1
American Indian	60.7	56.3	63.6
Asian	66.6	58.3	68.2
Average Age at Death by Sex			
Female	78.6	80.0	78.3
Male	73.2	73.3	72.0

Wisconsin Dept. of Health Services, Division of Public Health, Office of Health Informatics. Wisconsin Interactive Statistics on Health (WISH) data query system, Mortality Module, <https://www.dhs.wisconsin.gov/wish/mortality/broad-form.htm>, accessed August 28, 2023.

Injury

Injury related deaths and injury related hospitalizations in Sheboygan County broken down by race/ethnicity and sex.

Number of Injury Related Deaths - Sheboygan County			
	2019	2020	State 2020
Total Death (all causes)	1,167	1,338	62,704
Number of Injury Related Deaths	102	89	5,915
Number of Injury Related Death by Race/Ethnicity			
White	98	83	5,079
Black			635
Hispanic			269
American Indian			87
Asian			50
Other			54
Number of Injury Related Death by Sex			
Female	41	42	2,168
Male	61	47	3,747

Wisconsin Dept. of Health Services, Division of Public Health, Office of Health Informatics. Wisconsin Interactive Statistics on Health (WISH) data query system, Injury-Related Health Outcomes Module, <https://www.dhs.wisconsin.gov/wish/injury-mortality/icd10-form.htm>, accessed August 16, 2023.

Injury Death Rate per 100,000 - Sheboygan County			
	2019	2020	State 2020
Injury Related Death Rate	87.7	76.7	101.4
Injury Death Rate per 100,000 by Race/Ethnicity			
White	93.1	79.4	99.1
Black			145.4
Hispanic			62.8
American Indian			110.1
Asian			25.4
Injury Death Rate per 100,000 by Sex			
Female	71.3	73.3	74.0
Male	103.8	80.1	129.0
Injury Death Rate per 100,000 by Age			
Age 18-44	75.5	81.3	95.5
Age 45-64	71.2	55.9	88.4
Age 65+	216.1	175.5	243.2

Wisconsin Dept. of Health Services, Division of Public Health, Office of Health Informatics. Wisconsin Interactive Statistics on Health (WISH) data query system, Injury-Related Health Outcomes Module, <https://www.dhs.wisconsin.gov/wish/injury-mortality/icd10-form.htm>, accessed August 16, 2023.

Sheboygan Co.- Secondary Data Report

Number of Injury Hospitalizations, All Visits - Sheboygan County				
	2019	2020	2021	State 2021
Number of Hospitalizations for All Injuries	507	462	485	25,664
Number of Injury Hospitalizations by Race/Ethnicity				
White	485	438	457	21,869
Black		13	12	2,474
Hispanic	20	19	18	992
American Indian				338
Asian	5		6	270
Number of Injury Hospitalizations by Sex				
Female	272	246	251	13,073
Male	235	216	234	12,590

Wisconsin Dept. of Health Services, Division of Public Health, Office of Health Informatics. Wisconsin Interactive Statistics on Health (WISH) data query system, <https://www.dhs.wisconsin.gov/wish/index.htm>, Injury-Related Hospitalizations Module, accessed August 17, 2023.

Age-Adjusted Rate of Injury Hospitalizations, All Visits - Sheboygan County				
	2019	2020	2021	State 2021
Total Injury Hospitalizations	507	462	485	25,660
Rate of Injury Hospitalizations	362.2	335.9	355.5	384.4
Age-Adjusted Rate of Injury Hospitalizations by Race/Ethnicity				
White	368.6	335.3	355.6	351.1
Black		362.2	477.6	623.0
Hispanic	270.3	265.5	353.3	327.0
American Indian				506.1
Asian	83.0		89.6	194.8
Age-Adjusted Rate of Injury Hospitalizations by Sex				
Female	347.5	334.5	333.4	354.3
Male	362.8	330.6	373.1	408.8

Wisconsin Dept. of Health Services, Division of Public Health, Office of Health Informatics. Wisconsin Interactive Statistics on Health (WISH) data query system, <https://www.dhs.wisconsin.gov/wish/index.htm>, Injury-Related Hospitalizations Module, accessed August 17, 2023.

Suicide

Suicides in Sheboygan County broken down by race/ethnicity, sex, and age group.

Number of Suicides - Sheboygan County			
	2019	2020	State 2020
Total Deaths (all causes)	1,167	1,338	62,704
Number of Suicides	16	14	861
Number of Suicides by Race/Ethnicity			
White	15	14	802
Black			39
Hispanic			36
American Indian			10
Asian			10
Number of Suicides by Sex			
Female			158
Male	13	10	703

Wisconsin Dept. of Health Services, Division of Public Health, Office of Health Informatics. Wisconsin Interactive Statistics on Health (WISH) data query system, Mortality Module, <https://www.dhs.wisconsin.gov/wish/mortality/broad-form.htm>, accessed August 16, 2023.

Suicide Rate per 100,000 - Sheboygan County			
	2019	2020	State 2020
Suicide Rate per 100,000	13.8	12.1	14.8
Suicide per 100,000 by Race/Ethnicity			
White	14.2	13.4	15.7
Black			8.9
Hispanic			8.4
American Indian			12.7
Asian			5.1
Suicide Rate per 100,000 by Sex			
Female			5.4
Male	22.1	17.0	24.2
Suicide Rate per 100,000 by Age Group			
Age 0-14 years			1.1
Age 15-44 years	19.4		18.2
Age- 45-64 years	15.5	24.8	18.2
Age 65+ years			16.1

Wisconsin Dept. of Health Services, Division of Public Health, Office of Health Informatics. Wisconsin Interactive Statistics on Health (WISH) data query system, <https://www.dhs.wisconsin.gov/wish/index.htm>, Mortality Module, accessed August 29, 2023.

Opioids

Rates of opioid-related hospital encounters, discharges, deaths and mortality rates broken down by race/ethnicity and sex.

Rate of Opioid-Related Hospital Encounters per 100,000 Population - Sheboygan County					
	2017	2018	2019	2020	State 2020
Rate of Opioid-Related Hospital Discharges	347.0	290.8	260.6	273.4	314.6
Rate of Opioid-Related Hospital Discharges per 100,000 by Race/Ethnicity					
White	358.3	295.6	271.7	283.2	287.1
Black	402.3	420.1	153.0	383.0	521.1
Hispanic	415.6	282.8	322.3	338.5	288.5
American Indian					855.4
Asian		73.2			54.8
Rate of Opioid-Related Hospital Discharges per 100,000 by Sex					
Female	358.8	296.2	241.7	247.9	285.5
Male	335.4	285.5	279.1	298.3	344.0
Rate of Opioid-Related Hospital Discharges per 100,000 by Age Group					
Age 0 - 14	23.8				8.3
Age 15-44	627.0	531.0	508.1	574.9	546.9
Age 45-64	300.3	281.8	201.2	167.6	278.5
Age 65+	192.4	115.6	124.2	115.4	175.2

Wisconsin Dept. of Health Services, Division of Public Health, Office of Health Informatics. Wisconsin Interactive Statistics on Health (WISH) data query system, <https://www.dhs.wisconsin.gov/wish/index.htm>, Opioid-Related Hospital Encounters Module, accessed August 17, 2023.

Age-Adjusted Rate of Opioid-Related Hospital Encounters per 100,000 Population - Sheboygan County					
	2017	2018	2019	2020	State 2020
Total Opioid Hospital Discharges	400	333	303	317	18,357
Age-Adjusted Rate of Opioid Hospital Discharges	369.8	305.8	286.4	305.2	329.0
Age-Adjusted Rate of Opioid-Related Hospital Encounters per 100,000 Population- Sheboygan County					
White	391.1	320.4	307.8	328.2	304.7
Black	424.3	475.1	164.3	464.0	567.8
Hispanic	443.6	291.5	406.3	364.8	317.6
American Indian					883.3
Asian		99.1			61.2
Age-Adjusted Rate of Opioid-Related Hospital Discharges per 100,000 by Sex					
Female	387.1	323.2	270.4	281.9	298.7
Male	352.3	289.7	300.9	325.8	358.1

Wisconsin Dept. of Health Services, Division of Public Health, Office of Health Informatics. Wisconsin Interactive Statistics on Health (WISH) data query system, <https://www.dhs.wisconsin.gov/wish/index.htm>, Opioid-Related Hospital Encounters Module, accessed August 17, 2023.

Sheboygan Co.- Secondary Data Report

Number of Opioid Deaths - Sheboygan County					
	2017	2018	2019	2020	State 2020
Number of Opioid Deaths	18	12	12	22	1,226
Average Age at Death	35.2	36.1	37.3	36.8	40.8
Number of Opioid Deaths by Race/Ethnicity					
White	18	12	12	22	1,008
Black					177
Hispanic					80
American Indian					31
Asian					8
Number of Opioid Deaths by Sex					
Female			5	8	366
Male	15	11	7	14	860
Number of Opioid Deaths by Age Group					
Age 15-44	13	10	9	18	782
Age 45-64					406
Age 65+					38

Wisconsin Dept. of Health Services, Division of Public Health, Office of Health Informatics. Wisconsin Interactive Statistics on Health (WISH) data query system, <https://www.dhs.wisconsin.gov/wish/index.htm>, Drug Overdose Deaths Module, accessed August 17, 2023.

Opioid Mortality Rate per 100,000 Population - Sheboygan County					
	2017	2018	2019	2020	State 2020
Mortality Rate	15.6	10.5	10.3	19.0	21.0
Opioid Mortality Rate per 100,000 Population by Race/Ethnicity					
White	17.2	11.6	11.4	21.0	19.7
Black					40.5
Hispanic					18.7
American Indian					39.2
Asian					4.1
Opioid Mortality Rate per 100,000 Population by Sex					
Female			8.7	14.0	12.5
Male	25.8	19.0	11.9	23.9	29.6
Opioid Mortality Rate per 100,000 Population by Age Group					
Age 15-44	31.7	24.6	21.8	43.7	35.1
Age 45-64					26.3
Age 65+					3.7

Wisconsin Dept. of Health Services, Division of Public Health, Office of Health Informatics. Wisconsin Interactive Statistics on Health (WISH) data query system, <https://www.dhs.wisconsin.gov/wish/index.htm>, Drug Overdose Deaths Module, accessed August 18, 2023.

Sheboygan Co.- Secondary Data Report

Age-Adjusted Opioid Mortality Rate per 100,000 Population - Sheboygan County					
	2017	2018	2019	2020	State 2020
Number of Opioid Deaths	18	12	12	22	1,226
Age-Adjusted Opioid Mortality Rate	17.1	12.0	11.9	22.0	22.4
Age-Adjusted Opioid Mortality Rate per 100,000 Population by Race/Ethnicity					
White	19.4	13.9	13.6	25.5	21.6
Black					45.4
Hispanic					20.0
American Indian					43.9
Asian					3.5
Age-Adjusted Opioid Mortality Rate per 100,000 Population by Sex					
Female			9.8	16.8	13.4
Male	27.3	21.2	13.8	26.8	31.2

Wisconsin Dept. of Health Services, Division of Public Health, Office of Health Informatics. Wisconsin Interactive Statistics on Health (WISH) data query system, <https://www.dhs.wisconsin.gov/wish/index.htm>, Drug Overdose Deaths Module, accessed August 18, 2023.

Emergency Department Visits

Number of ED visits for injuries broken down by race/ethnicity and sex and most common causes of injuries.

Number ED Visits for Injuries, All Visits - Sheboygan County				
	2019	2020	2021	State 2021
Total Number of ED Visits for Injury, all types	7,286	6,120	6,645	387,466
Number ED Visits for Injuries by Race/Ethnicity				
White	6,481	5,498	5,864	305,162
Black	445	366	413	56,109
Hispanic	660	571	644	30,312
American Indian	33	21	40	6,828
Asian	243	162	224	5,512
Number ED Visits for Injuries by Sex				
Female	3,558	2,915	3,245	189,332
Male	3,728	3,204	3,400	198,129

Wisconsin Dept. of Health Services, Division of Public Health, Office of Health Informatics. Wisconsin Interactive Statistics on Health (WISH) data query system, <https://www.dhs.wisconsin.gov/wish/index.htm>, Injury-Related Emergency Department Visits Module, accessed August 18, 2023.

Sheboygan Co.- Secondary Data Report

Age-Adjusted Rate of ED Visits for Injury per 100,000 Population - Sheboygan County				
	2019	2020	2021	State 2021
Total Number of ED Visits for Injury	7,286	6,120	6,643	387,444
Rate of ED Visits for Injury	6,452.3	5,389.7	5,863.6	6,668.9
Age-Adjusted Rate of ED Visits for Injury per 100,000 Population by Race/Ethnicity				
White	6,393.9	5,409.0	5,770.5	5,919.9
Black	12,867.4	10,181.3	11,438.0	12,648.8
Hispanic	8,371.9	7,225.6	7,837.6	7,161.2
American Indian	4,463.8	2,753.8	5,913.6	8,965.8
Asian	3,892.6	2,216.8	3,534.1	2,864.4
Age-Adjusted Rate of ED Visits for Injury per 100,000 Population by Sex				
Female	6,304.4	5,128.3	5,699.9	6,375.9
Male	6,582.4	5,628.2	6,009.5	6,942.0

Wisconsin Dept. of Health Services, Division of Public Health, Office of Health Informatics. Wisconsin Interactive Statistics on Health (WISH) data query system, <https://www.dhs.wisconsin.gov/wish/index.htm>, Injury-Related Emergency Department Visits Module, accessed August 18, 2023.

Ranked Causes of Emergency Department Visits for Injury, all visits - Sheboygan County				
	2019	2020	2021	State 2021
Total ED Visits for Injury by Cause				
Fall	2,555	2,248	2,304	127,543
Struck by or against an object or person	987	785	874	53,089
Cutting or piercing objects	626	540	616	33,188
Motor vehicle	509	447	458	33,509
Overexertion	402	364	441	24,813
Natural or environmental factors	299	279	316	19,726
Poisoning	215	214	198	12,210
Nontraffic transportation	156	132	124	8,262
Fire, heat, chemical burns, hot object, scalding	86	69	99	4,640
Machinery	66	55	46	3,155
Suffocation	14	12	14	327
Firearm		10	8	1,292
Drowning	5	5		131

Wisconsin Dept. of Health Services, Division of Public Health, Office of Health Informatics. Wisconsin Interactive Statistics on Health (WISH) data query system, <https://www.dhs.wisconsin.gov/wish/index.htm>, Injury-Related Emergency Department Visits Module, accessed August 29, 2023.

Child Abuse

Child Protective Service Reports per 100,000 children in Sheboygan County.

Child Abuse - Sheboygan County					
	2018	2019	2020	2021	State 2021
Child Protective Service Reports per 1,000 Children	25.7	29.6		21.7	29.8

Wisconsin Department of Children and Families, Child Abuse and Neglect Report. Released December 2022. <https://dcf.wisconsin.gov/files/cwportal/reports/pdf/can.pdf> accessed August 18,2023.

Sex Offense Rates

Sex offense rates in Sheboygan County per 100,000

Sex Offense Rate per 100,000 - Sheboygan County					
	2019	2020	2021	2022	State 2022
All Sex Offenses	135.29	99.81	140.32	86.87	85.80
Rape	32.09	30.38	51.65	39.18	30.50
Sodomy/Oral Sex	19.08	10.42	7.75	9.37	5.77
Sexual Assault w/Object	4.34	9.55	5.17	5.11	2.94
Fondling	39.89	30.38	51.65	19.59	36.16
Incest			1.72		0.39
Statutory Rape	39.89	19.09	22.38	13.63	10.05

Wisconsin Department of Justice. UCR Sex Offense Data | Wisconsin Department of Justice. (n.d.). <https://www.doj.state.wi.us/dles/bjia/ucr-sex-offense-data>, accessed August 18, 2023.

Sexually Transmitted Infections

Sexually Transmitted Infection (STI) rates per 100,000 in Sheboygan County broken down by race/ethnicity and sex.

Sexually Transmitted Infection (STI) Incidence Rate per 100,000 - Sheboygan County					
	2018	2019	2020	2021	State 2021*
STI Incidence Rate per 100,000	475	48	416	420	685
STI Incidence Rate per 100,000 by Race/Ethnicity					
White	372	360	247	756	285
Black/African American	4,969	5,387	2,643	25,723	4,044
Hispanic	1,309	1,397	761	5,645	1,082
American Indian	362	181			888
Asian/Pacific Islander	420	526	309	5,882	305
STI Incidence Rate per 100,000 by Sex					
Female	651	619	565	1,531	824
Male	303	346	266	810	540

*The CY 2021 cases and rates include cases reported from Federal and State Correctional Facilities (FSCF), whereas FSCF cases were not counted for CY 2020. Information for STD Incidence includes data on chlamydia, gonorrhea, and syphilis, not all existing STDs.

Data accessed from the following sources on August 18, 2023:

- https://www.dhs.wisconsin.gov/library/collection/p-00415b-sheboygan?order=field_release_date&sort=desc
- <https://www.dhs.wisconsin.gov/publications/p00415b-2018-sheboygan.pdf>
- <https://www.dhs.wisconsin.gov/publications/p00415b-2019-sheboygan.pdf>
- <https://www.dhs.wisconsin.gov/publications/p00415b-2020-sheboygan.pdf>
- <https://www.dhs.wisconsin.gov/publications/p00415b-2021-sheboygan.pdf>
- <https://www.dhs.wisconsin.gov/publications/p00415-2021.pdf>

Sheboygan Co.- Secondary Data Report

HIV Incidence per 100,000 - Sheboygan County			
	2013 - 2017	2014 - 2018	State 2019
HIV Incidence Rate	6.2	2.3	3.7
HIV Incidence per 100,000 by Race/Ethnicity			
White	3.2	1.6	1.4
Black/African American			25.1
Hispanic	128.6		8.2
American Indian			
Asian/Pacific Islander			
Multi-Racial or Unknown			
HIV Incidence per 100,000 by Sex at Birth			
Female			1.5
Male	12.3	4.5	5.8

Reported cases of HIV infection, Sheboygan County, Wisconsin, 2014-2019. (n.d.).
<https://www.dhs.wisconsin.gov/publications/p0/p00766-sheboygan.pdf> &
<https://www.dhs.wisconsin.gov/publications/p0/p00766.pdf>, accessed August 18, 2023.

Cancer

Sheboygan County cancer incidence rates per 100,000 broken down by race/ethnicity, sex, and type of cancer.

Cancer Incidence Age-Adjusted Rate per 100,000 - Sheboygan County		
	2015-2019	State 2015-2019
Cancer Incidence Rate	464.2	470.8
Cancer Incidence Age-Adjusted Rate per 100,000 by Race/Ethnicity		
White		466.2
Black/African American		550.0
Hispanic		349.2
American Indian/Alaska Native		504.5
Asian/Pacific Islander		282.7
Cancer Incidence Age-Adjusted Rate per 100,000 by Sex		
Female	424.6	441.9
Male	521.4	512.2

Wisconsin Dept. of Health Services, Division of Public Health, Office of Health Informatics, Wisconsin Cancer Reporting System. Wisconsin Interactive Statistics on Health (WISH) data query system, <https://dhs.wisconsin.gov/wish/index.htm>. Cancer Module, accessed July 28, 2023.

Sheboygan Co.- Secondary Data Report

Cancer Incidence Age-Adjusted Rate per 100,000 - Sheboygan County				
	2015-2019		State 2019	
	Male	Female	Male	Female
Female Breast		129.5		138.0
Prostate	122.6		125.9	
Lung and Bronchus	59.8	44.6	62.5	52.4
Colorectal	40.1	31.3	40.8	30.9
Melanoma of the Skin	32.2	21.2	27.5	20.1
Cancer Mortality Age-Adjusted Rate per 100,000				
	2016-2020		State 2020	
	Male	Female	Male	Female
Lung and Bronchus	40.0	27.4	36.9	29.5
Prostate	26.1		20.8	
Female Breast		17.0		18.0
Pancreas	14.0	6.2	14.8	10.6
Colorectal	13.8	9.0	12.8	9.4

Wisconsin Dept. of Health Services, Division of Public Health, Office of Health Informatics. Wisconsin Interactive Statistics on Health (WISH) data query system, <https://dhs.wisconsin.gov/wish/index.htm>. Cancer Module, accessed August 21, 2023.

Other

Miscellaneous health data for Sheboygan County including cerebrovascular disease, behavioral risk factors, Pap smear and mammogram screenings, heart disease and heart failure, blood pressure, hypertension, & cholesterol, asthma, diabetes, mental & behavioral health, colorectal health, body mass index, HPV vaccination rates, and environmental health factors.

Cerebrovascular Disease - Sheboygan County					
	2017	2018	2019	2020	State 2020
Total Number of Deaths due to Cerebrovascular Disease	73	51	67	68	2,827
Cerebrovascular Disease Death Rate per 100,000 Residents	63.3	44.5	57.6	58.6	48.8

Wisconsin Dept. of Health Services, Division of Public Health, Office of Health Informatics. Wisconsin Interactive Statistics on Health (WISH) data query system, <https://www.dhs.wisconsin.gov/wish/index.htm>, Mortality Module, accessed August 21, 2023.

Sheboygan Co.- Secondary Data Report

Behavioral Risk Factors - Sheboygan County		
	2021	State 2021
Age-adjusted percent of adults reporting they are heavy drinkers	6.7%	8.3%
Age-adjusted percent of adults reporting they have ever been tested for HIV		30.7%

Wisconsin Dept. of Health Services, Division of Public Health, Office of Health Informatics. Wisconsin Interactive Statistics on Health (WISH) data query system, <https://www.dhs.wisconsin.gov/wish/index.htm>, BRFSS Module, accessed July 28, 2023.

Pap Smear and Mammogram Screening - Sheboygan County				
	Year	Sheboygan	Wisconsin	United States
Percent of resident female adults aged 21-65 years who report having had a Papanicolaou (Pap) smear within the previous 3 years for detection and prevention of cervical cancer.	2020	83.60%	83.43%	82.39%
Percent of resident female adults aged 50-74 years who report having had a mammogram within the previous 2 years.	2020	73.60%	74.25%	72.68%

Centers for Disease Control and Prevention (CDC). Behavioral Risk Factor Surveillance System Survey Data. Atlanta, Georgia: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, [2015 - 2019, 2020], PLACES. Centers for Disease Control and Prevention. <https://www.cdc.gov/places> accessed on August 18, 2023. Pulled from Metopio.

Sheboygan Co.- Secondary Data Report

Heart Disease & Heart Failure - Sheboygan County				
	Year	Sheboygan	Wisconsin	United States
Percent of resident adults aged 18 and older who report ever having been told by a doctor, nurse, or other health professional that they have angina or coronary heart disease .*	2021	4.80%	4.99%	5.24%
Deaths per 100,000 residents related to coronary heart disease (ICD-10 codes I20-I25). Specifically, ischemic heart diseases (acute myocardial infarction, other acute ischemic heart diseases, and other forms of chronic ischemic heart disease).	2016-2020	88.6	91.8	92.8
Heart failure hospitalization rate per 100,000 residents	2022	337.19	398.22	
Heart failure emergency department visit rate per 100,000 residents	2022	116.63	207.69	

*Data for counties and states are age-adjusted. Data for zips, tracts and smaller layers are raw.

Centers for Disease Control and Prevention (CDC) National Vital Statistics System - Mortality (NVSS-M).
<https://www.cdc.gov/nchs/nvss/deaths.htm> & Wisconsin Health Association Information Center
<https://www.whainfocenter.com/> accessed on August 24, 2023. Pulled from Metopio.

Sheboygan Co.- Secondary Data Report

Blood Pressure, Hypertension, & Cholesterol - Sheboygan County				
	Year	Sheboygan	Wisconsin	United States
Percent of resident adults aged 18 and older who report ever having been told by a doctor, nurse, or other health professional that they have high cholesterol .*	2021	28.80%	30.51%	41.10%
Percent of resident adults aged 18 and older who report ever having been told by a doctor, nurse, or other health professional that they have high blood pressure (hypertension). Women who were told high blood pressure only during pregnancy and those who were told they had borderline hypertension were not included.	2021	27.00%	28.33%	30.36%
Percent of resident adults aged 18 and older with high blood pressure, who report taking medicine for their high blood pressure .	2021	58.10%	58.09%	58.85%
Hypertension hospitalization rate per 100,000 residents	2022	37.35	39.84	
Hypertension emergency department visit rate per 100,000 residents	2022	222.35	312.91	

*Data for counties and states are age-adjusted. Data for zips, tracts and smaller layers are raw.

Centers for Disease Control and Prevention (CDC). Behavioral Risk Factor Surveillance System Survey Data. Atlanta, Georgia: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, [2021], PLACES. Centers for Disease Control and Prevention. <https://www.cdc.gov/places>, Wisconsin Health Association Information Center <https://www.whainfocenter.com/> accessed on August 18, 2023. Pulled from Metopio.

Sheboygan Co.- Secondary Data Report

Asthma - Sheboygan County				
	Year	Sheboygan	Wisconsin	United States
Percent of adults (civilian, non-institutionalized population) who answer “yes” both to both of the following questions: “Have you ever been told by a doctor, nurse, or other health professional that you have asthma ?” and the question “Do you still have asthma ?”	2021	9.90%	10.45%	10.06%
Asthma hospitalization rate per 100,000 residents	2022	12.85	20.53	
Asthma hospitalization rate per 100,000 residents - Infants (0 - 4 years)	2020		18.16	
Asthma hospitalization rate per 100,000 residents - Juveniles (5 - 17 years)	2020	0.00	7.66	
Asthma emergency department visit rate per 100,000 residents	2022	169.94	234.13	

Centers for Disease Control and Prevention (CDC). Behavioral Risk Factor Surveillance System Survey Data. Atlanta, Georgia: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, [2021], PLACES. Centers for Disease Control and Prevention. <https://www.cdc.gov/places>, Wisconsin Health Association Information Center <https://www.whainfocenter.com/> accessed on August 18, 2023. Pulled from Metopio.

Sheboygan Co.- Secondary Data Report

Diabetes - Sheboygan County				
	Year	Sheboygan	Wisconsin	United States
Percent of resident adults aged 18 and older who report ever having been told by a doctor, nurse, or other health professional that they have diabetes , other than diabetes during pregnancy.*	2021	7.6%	8.1%	10.2%
Percent of resident adults aged 18 and older who report having been diagnosed with diabetes in the past year.	2017	4.1%	8.2%	6.4%
Uncontrolled diabetes hospitalization rate per 100,000 residents	2022	22.04	19.72	
Uncontrolled diabetes emergency department visit rate per 100,000 residents	2022	186.49	210.54	
Diabetes short-term complications hospitalization rate per 100,00 residents	2022	66.38	71.30	
Diabetes short-term complications emergency department visit rate per 100,000 residents	2022	22.05	27.56	
Diabetes long-term complications hospitalization rate per 100,00 residents	2022	66.74	88.71	
Diabetes long-term complications emergency department visit rate per 100,000 residents	2022	447.35	237.70	

*Data for counties and states are age-adjusted. Data for zips, tracts and smaller layers are raw.

PLACES. Centers for Disease Control and Prevention. <https://www.cdc.gov/places>, Centers for Disease Control and Prevention (CDC). Behavioral Risk Factor Surveillance System Survey Data. Atlanta, Georgia: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, [2017]. Wisconsin Health Association Information Center <https://www.whainfocenter.com/> accessed on August 18, 2023. Pulled from Metopio.

Sheboygan Co.- Secondary Data Report

Mental and Behavioral Health - Sheboygan County				
	Year	Sheboygan	Wisconsin	United States
Mental health hospitalization rate per 100,000 residents	2022	795.48	578.15	
Mental health emergency department visit rate per 100,000 residents	2022	760.77	833.79	
Percent of resident adults aged 18 and older who report 14 or more days during the past 30 days during which their mental health was not good.	2021	13.80%	14.51%	15.92%
Behavioral health hospitalization rate per 100,000 residents	2022	1,059.04	851.56	
Behavioral health emergency department visit rate per 100,000 residents	2022	1,469.28	1,464.20	
Suicide and Self-injury hospitalization rate per 100,000 residents	2022	136.15	72.69	
Suicide and Self-injury emergency department visit rate per 100,000 residents	2022	120.65	129.19	

PLACES. Centers for Disease Control and Prevention. <https://www.cdc.gov/places>. Wisconsin Health Association Information Center <https://www.whainfocenter.com/> accessed on August 18, 2023. Pulled from Metopio.

Gastrointestinal Health - Sheboygan County				
	Year	Sheboygan	Wisconsin	United States
Deaths per 100,000 residents due to colorectal cancer (ICD-10 codes C18-C21).	2016-2020	11.1	12.0	13.4
Number of diagnoses over the time period for colorectal cancer. Ages 15 and over. (CASES)	2015-2019	255	12,890	715,830
Percent of resident adults aged 50-75 years who report having had 1) a fecal occult blood test (FOBT) within the past year, 2) a sigmoidoscopy within the past 5 years and a FOBT within the past 3 years, or 3) a colonoscopy within the past 10 years.	2020	62.40%	61.20%	69.10%

Centers for Disease Control and Prevention (CDC) National Vital Statistics System - Mortality (NVSS-M). <https://www.cdc.gov/nchs/nvss/deaths.htm> Wisconsin Dept. of Health Services, Division of Public Health, Office of Health Informatics, Wisconsin Cancer Reporting System. Wisconsin Interactive Statistics on Health (WISH) data query system, <https://dhs.wisconsin.gov/wish/index.htm>. Cancer Module, PLACES. Centers for Disease Control and Prevention. <https://www.cdc.gov/places>, Centers for Disease Control and Prevention (CDC). Behavioral Risk Factor Surveillance System Survey Data. Atlanta, Georgia: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, [2020] accessed August 18, 2023.

Sheboygan Co.- Secondary Data Report

Body Mass Index - Sheboygan County				
	Year	Sheboygan	Wisconsin	United States
Percent of resident adults aged 18 and older who are obese (have a body mass index (BMI) ≥ 30.0 kg/m ² calculated from self-reported weight and height). Excludes those with abnormal height or weight and pregnant women.	2021	32.3%	34.8%	33.5%

Centers for Disease Control and Prevention (CDC). Behavioral Risk Factor Surveillance System Survey Data. Atlanta, Georgia: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention [2021], PLACES. Centers for Disease Control and Prevention. <https://www.cdc.gov/places> accessed on August 18, 2023. Pulled from Metopio.

HPV Vaccination - Up-to-Date by Sex CDC (13-17 year olds)			
Year	Sex	Wisconsin	HHS Region 5
2016	Female	53.6%	49.2%
	Male	37.8%	38.0%
2017	Female	56.0%	53.1%
	Male	48.8%	45.0%
2018	Female	61.0%	58.0%
	Male	50.7%	52.2%
2019	Female	67.2%	55.5%
	Male	54.1%	51.7%
2020	Female	63.4%	60.9%
	Male	59.6%	58.7%
2021	Female	66.9%	66.9%
	Male	59.9%	57.8%
2022	Female	67.6%	67.1%
	Male	70.4%	61.6%

Centers for Disease Control and Prevention, National Center for Immunization and Respiratory Diseases (NCIRD), National Immunization Survey-Teen (NIS-Teen). Vaccination Coverage among Adolescents (13-17 Years). data.cdc.gov Dataset accessed on August 24, 2023.

Sheboygan Co.- Secondary Data Report

Environmental Health - Sheboygan County				
	Year	Sheboygan	Wisconsin	United States
Particulate Matter Environmental Index - Weighted index of vulnerability to particulate matter. Measures exposure to PM 2.5 in the air, weighted by population vulnerability and reported as a percentile nationally, where 0 = lowest exposure, and 100 = highest exposure. Weighting by the vulnerability of residents can provide a better estimate of the disproportionate impact of environmental hazards.	2021	27.6	25.3	23.4
Respiratory Hazard Environmental Justice Index - Weighted index of vulnerability to respiratory hazards. Measures exposure to airborne toxins, weighted by population vulnerability and reported as a percentile nationally, where 0 = lowest exposure, and 100 = highest exposure. Weighting by the vulnerability of residents can provide a better estimate of the disproportionate impact of environmental hazards.	2021	67.51	46.94	48.70
Environmental Burden Index - Composite index consisting of a place's exposure to harmful environmental factors relating to air quality, pollution, and built environment. Higher values indicate a larger burden.	2022	61.51	46.94	48.70
Lifetime Inhalation Cancer Risk - Estimated lifetime risk of developing cancer as a result of inhaling carcinogenic compounds in the environment, per million people.	2021	20.0	19.0	18.6
Particulate Matter (PM 2.5) Concentration - Annual average concentration in micrograms per cubic meter. PM 2.5, or particulate matter smaller than 2.5 microns in diameter, is one of the most dangerous pollutants because the particles can penetrate deep into the alveoli of the lungs - µg/m ³	2021	7.195	6.905	7.022
Respiratory Hazard Index - Hazard index for respiratory effects. A value higher than 1 indicates a higher risk, while a value below 1 indicates a lower risk.	2021	0.21	0.20	0.24
Proximity to Water Polluting Sites - A measure of proximity to water polluting facilities, defined as the count of National Pollutant Discharge Elimination System major facilities within 5km (or the closest one further than 5km), each divided by distance in km. Higher values indicate closer proximity to major discharge sites.	2021	0.000	0.0340	4.217

U.S. Environmental Protection Agency (EPA), 2023. EJScreen Technical Documentation. Centers for Disease Control and Prevention and Agency for Toxic Substances Disease Registry. 2022 Environmental Justice Index. <https://www.atsdr.cdc.gov/placeandhealth/eji/index.html> accessed on August 18, 2023.

Sheboygan County Health Rankings

County Health Rankings and Roadmaps - 2023 Sheboygan County Rankings		
County Demographics		
	Sheboygan County	Wisconsin
Population	117,747	5,895,908
% Below 18 Years of Age	21.8%	21.6%
% 65 and Older	19.0%	17.9%
% Non-Hispanic Black	2.3%	6.4%
% American Indian or Alaska Native	0.6%	1.2%
% Asian	6.1%	3.2%
% Native Hawaiian or Other Pacific Islander	0.1%	0.1%
% Hispanic	7.7%	7.5%
% Non-Hispanic White	82.4%	80.2%
% Not Proficient in English**	1.0%	1.0%
% Female	49.1%	49.9%
% Rural	28.3%	29.8%
** Data should not be compared with prior years		

Sheboygan Co.- Secondary Data Report

Health Outcomes				
		Sheboygan County	Wisconsin	United States
Length of Life				
Premature Death	Years of potential life lost before age 75 per 100,000 population (age-adjusted).	6,200	6,600	7,300
Quality of Life				
Poor or Fair Health	Percentage of adults reporting fair or poor health (age-adjusted).	11%	12%	12%
Poor Physical Health Days	Average number of physically unhealthy days reported in past 30 days (age-adjusted).	2.9	3.2	3.0
Poor Mental Health Days	Average number of mentally unhealthy days reported in past 30 days (age-adjusted).	4.4	4.4	4.4
Low Birthweight	Percentage of live births with low birthweight (< 2,500 grams).	6%	8%	8%
Additional Health Outcomes (not included in overall ranking)				
Life Expectancy	Average number of years a person can expect to live.	79.0	78.9	78.5
Premature Age-Adjusted Mortality	Number of deaths among residents under age 75 per 100,000 population (age-adjusted).	310	320	360
Child Mortality	Number of deaths among residents under age 18 per 100,000 population.	40	50	50
Infant Mortality	Number of infant deaths (within 1 year) per 1,000 live births.	5	6	6
Frequent Physical Distress	Percentage of adults reporting 14 or more days of poor physical health per month (age-adjusted).	9%	10%	9%
Frequent Mental Distress	Percentage of adults reporting 14 or more days of poor mental health per month (age-adjusted).	13%	13%	14%
Diabetes Prevalence	Percentage of adults aged 20 and above with diagnosed diabetes (age-adjusted).	8%	8%	9%

Sheboygan Co.- Secondary Data Report

HIV Prevalence	Number of people aged 13 years and older living with a diagnosis of (HIV) infection per 100,000 population.	69	134	380
Health Factors		Sheboygan County	Wisconsin	United States
Health Behaviors				
Adult Smoking	Percentage of adults who are current smokers (age-adjusted).	16%	16%	16%
Adult Obesity	Percentage of the adult population (age 18 and older) that reports a body mass index (BMI) greater than or equal to 30 kg/m2 (age-adjusted).	35%	33%	32%
Food Environment Index	Index of factors that contribute to a healthy food environment, from 0 (worst) to 10 (best).	9.2	8.8	7.0
Physical Inactivity	Percentage of adults age 18 and over reporting no leisure-time physical activity (age-adjusted).	18%	20%	22%
Access to Exercise Opportunities	Percentage of population with adequate access to locations for physical activity.	85%	84%	84%
Excessive Drinking	Percentage of adults reporting binge or heavy drinking (age-adjusted).	26%	26%	19%
Alcohol-Impaired Driving Deaths	Percentage of driving deaths with alcohol involvement.	36%	36%	27%
Sexually Transmitted Infections	Number of newly diagnosed chlamydia cases per 100,000 population.	355.5	456.2	481.3
Teen Births	Number of births per 1,000 female population ages 15-19.	15	14	19
Additional Health Behaviors (not included in overall ranking)				
Food Insecurity	Percentage of population who lack adequate access to food.	7%	7%	12%
Limited Access to Healthy Foods	Percentage of population who are low-income and do not live close to a grocery store.	2%	5%	6
Drug Overdose Deaths	Number of drug poisoning deaths per 100,000 population.	18	22	23

Sheboygan Co.- Secondary Data Report

Insufficient Sleep	Percentage of adults who report fewer than 7 hours of sleep on average (age-adjusted).	29%	31%	33%
Clinical Care				
Uninsured	Percentage of population under age 65 without health insurance.	6%	7%	10%
Primary Care Physicians	Ratio of population to primary care physicians.	1,580:1	1,240:1	1,310:1
Dentists	Ratio of population to dentists.	1,510:1	1,380:1	1.380:1
Mental Health Providers	Ratio of population to mental health providers.	640:1	420:1	340:1
Preventable Hospital Stays	Rate of hospital stays for ambulatory-care sensitive conditions per 100,000 Medicare enrollees.	1,639	2,559	2,809
Mammography Screening	Percentage of female Medicare enrollees ages 65-74 that received an annual mammography screening.	43%	43%	37%
Flu Vaccinations	Percentage of fee-for-service (FFS) Medicare enrollees that had an annual flu vaccination.	62%	56%	51%
Additional Clinical Care (not included in overall ranking)				
Uninsured Adults	Percentage of adults under age 65 without health insurance.	7%	8%	12%
Uninsured Children	Percentage of children under age 19 without health insurance.	4%	4%	5%
Other Primary Care Providers	Ratio of population to primary care providers other than physicians.	930:1	720:1	810:1
Social & Economic Factors				
High School Completion	Percentage of adults ages 25 and over with a high school diploma or equivalent.	94%	93%	89%
Some College	Percentage of adults ages 25-44 with some post-secondary education.	68%	70%	67%
Unemployment	Percentage of population ages 16 and older unemployed but seeking work.	3.1%	3.8%	5.4%
Children in Poverty	Percentage of people under age 18 in poverty.	11%	14%	17%

Sheboygan Co.- Secondary Data Report

Income Inequality	Ratio of household income at the 80th percentile to income at the 20th percentile.	3.6	4.2	4.9
Children in Single-Parent Households	Percentage of children that live in a household headed by a single parent.	20%	23%	25%
Social Associations	Number of membership associations per 10,000 population.	14.8	11.2	9.1
Injury Deaths	Number of deaths due to injury per 100,000 population.	79	89	76
Additional Social & Economic Factors (not included in overall ranking)				
High School Graduation	Percentage of ninth-grade cohort that graduates in four years.	93%	90%	87%
Disconnected Youth	Percentage of teens and young adults ages 16-19 who are neither working nor in school.	5%	5%	7%
Reading Scores	Average grade level performance for 3rd graders on English Language Arts standardized tests.	3.0	3.0	3.1
Math Scores	Average grade level performance for 3rd graders on math standardized tests.	2.9	3.0	3.0
School Segregation	The extent to which students within different race and ethnicity groups are unevenly distributed across schools when compared with the racial and ethnic composition of the local population. The index ranges from 0 to 1 with lower values representing a school composition that approximates race and ethnicity distributions in the student populations within the county, and higher values representing more segregation.	0.14	0.27	0.25
School Funding Adequacy	The average gap in dollars between actual and required spending per pupil among public school districts. Required spending is an estimate of dollars needed to achieve U.S. average test scores in each district.	\$3,300	\$2,260	\$1,062
Gender Pay Gap	Ratio of women's median earnings to men's median earnings for all full-time, year-round workers, presented as "cents on the dollar."	0.79	0.80	0.81

Sheboygan Co.- Secondary Data Report

Median Household Income	The income where half of households in a county earn more and half of households earn less.	\$64,100	\$67,200	\$69,700
Living Wage	The hourly wage needed to cover basic household expenses plus all relevant taxes for a household of one adult and two children.	\$43.21	\$46.29	\$45.00
Children Eligible for Free or Reduced Price Lunch	Percentage of children enrolled in public schools that are eligible for free or reduced price lunch.	37%	43%	53%
Residential Segregation - Black/White	Index of dissimilarity where higher values indicate greater residential segregation between Black and white county residents.	70	77	63
Child Care Cost Burden	Child care costs for a household with two children as a percent of median household income.	30%	28%	27%
Child Care Centers	Number of child care centers per 1,000 population under 5 years old.	6	6	7
Homicides	Number of deaths due to homicide per 100,000 population.	1	4	6
Suicides	Number of deaths due to suicide per 100,000 population (age-adjusted).	12	15	14
Firearm Fatalities	Number of deaths due to firearms per 100,000 population.	8	11	12
Motor Vehicle Crash Deaths	Number of motor vehicle crash deaths per 100,000 population.	8	10	12
Juvenile Arrests	Rate of delinquency cases per 1,000 juveniles.	21		24
Voter Turnout	Percentage of citizen population aged 18 or older who voted in the 2020 U.S. Presidential election.	75.9%	75.1%	67.9%
Census Participation	Percentage of all households that self-responded to the 2020 census (by internet, paper questionnaire or telephone).	78.5%		65.2%
Physical Environment				
Air Pollution - Particulate Matter	Average daily density of fine particulate matter in micrograms per cubic meter (PM2.5).	7.9	7.8	7.4

Sheboygan Co.- Secondary Data Report

Drinking Water Violations	Indicator of the presence of health-related drinking water violations. 'Yes' indicates the presence of a violation, 'No' indicates no violation.	Yes		
Severe Housing Problems	Percentage of households with at least 1 of 4 housing problems: overcrowding, high housing costs, lack of kitchen facilities, or lack of plumbing facilities.	10%	13%	17%
Driving Alone to Work	Percentage of the workforce that drives alone to work.	82%	78%	73%
Long Commute - Driving Alone	Among workers who commute in their car alone, the percentage that commute more than 30 minutes.	16%	28%	37%
Additional Physical Environment (not included in overall ranking)				
Traffic Volume	Average traffic volume per meter of major roadways in the county.	239	527	505
Homeownership	Percentage of owner-occupied housing units.	71%	67%	65%
Severe Housing Cost Burden	Percentage of households that spend 50% or more of their household income on housing.	8%	11%	14%
Broadband Access	Percentage of households with broadband internet connection.	88%	86%	87%