

Manitowoc County Health Data Report



A summary of secondary data sources

2022



CUPH
Center for Urban
Population Health

*Data-driven. Evidence-based.
Community-engaged.*

This report was prepared by Carrie Stehman, MA and David Frazer, MPH from the Center for Urban Population Health, a partnership of Aurora Health Care/Aurora Research Institute, LLC, the University of Wisconsin-Milwaukee, and the University of Wisconsin School of Medicine and Public Health.

The funding to prepare this report comes from the Manitowoc County Health Department, Aurora Health Care, Holy Family Memorial in affiliation with Froedtert & the Medical College of Wisconsin, and Lakeshore Community Health Care.

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Notes:

In 2022, the Center for Urban Population Health was enlisted to create a report detailing the health of Manitowoc County using secondary data. This health data report is one piece of a variety of data sources being used by local health systems to describe their communities and the health priorities of their service areas. Indicators for which primary data are being collected were excluded from this report. In addition, rather than repurposing data from the comprehensive county rankings report created by the University of Wisconsin Population Health Institute (2022), the county level data from the rankings report is included in its entirety at the end of this report.

All of the data used in this report come from publicly available data sources. Data for each indicator were presented by race and ethnicity and gender when the data were 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.

In some cases data were not presented by the system from which they were pulled 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 were subject to large year to year fluctuations and, as such, would not have provided a meaningful representation of the data for the population subset.

When applicable, Healthy People 2030 objectives are provided for each indicator. These objectives were not included unless the indicator directly matched with a Healthy People 2030 objective.

The charts and graphics used to summarize the key stakeholder top five health condition and behavior issues were created in Metopio. Access to Metopio data was provided by Advocate Aurora Health Care. The charts and graphics utilized publicly available data.

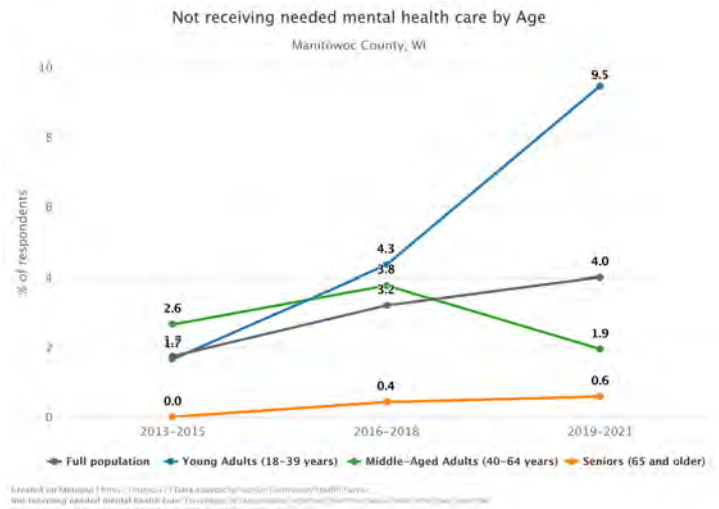
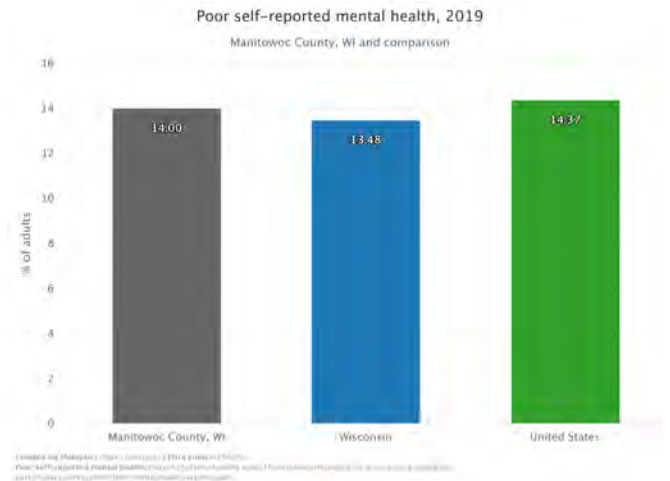
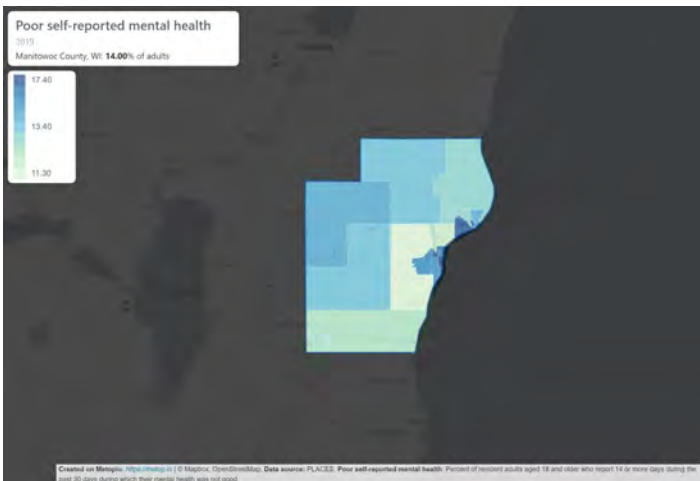
University of Wisconsin Population Health Institute. *County Health Rankings 2022*. Accessible at www.countyhealthrankings.org.

The five health issues ranked most consistently as top five health issues for the County by the key stakeholder interviews were:

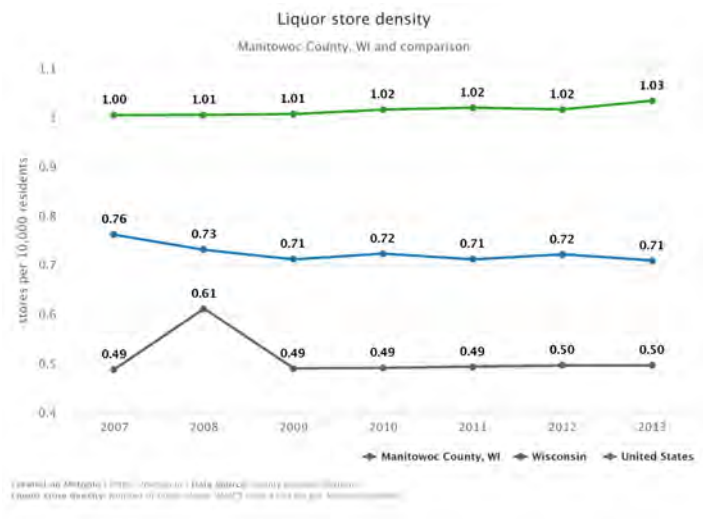
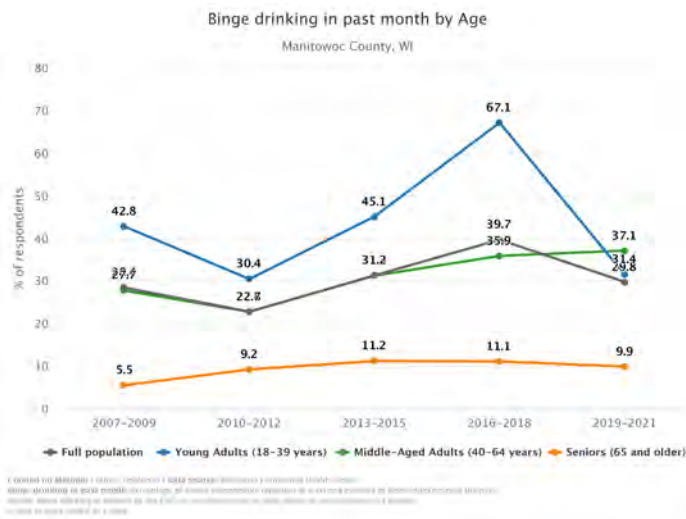
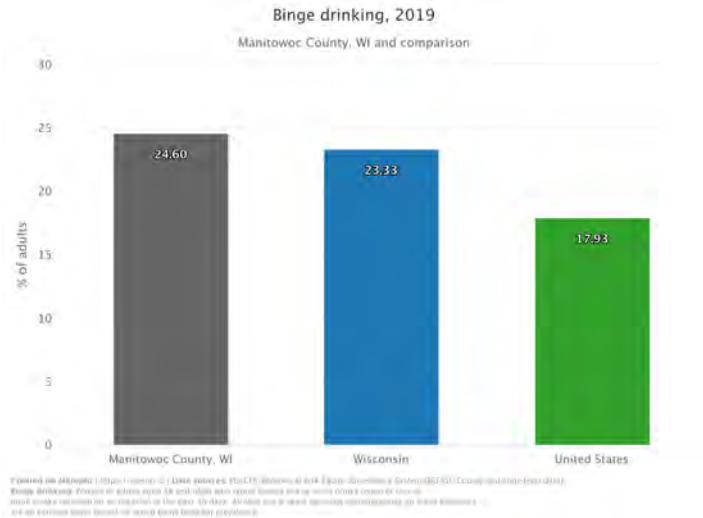
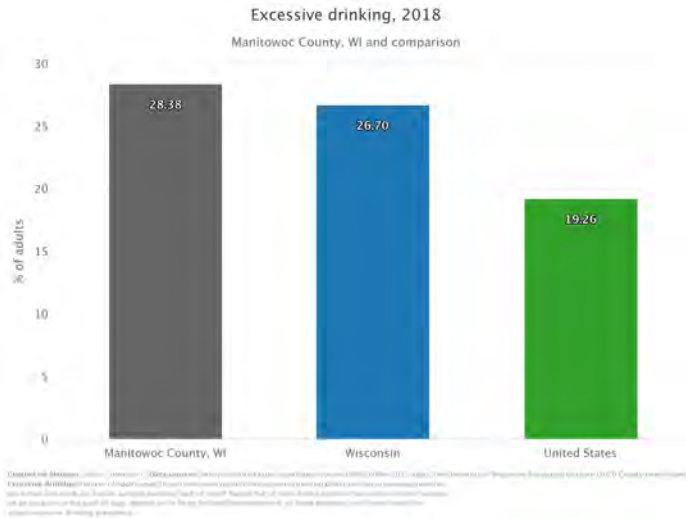
1. Mental Health
2. Alcohol Substance Use
3. Nutrition, Physical Activity, and Obesity
4. Intimate Partner / Domestic Violence
5. Oral Health

The following graphics and charts provide a visual representation of these top issues.

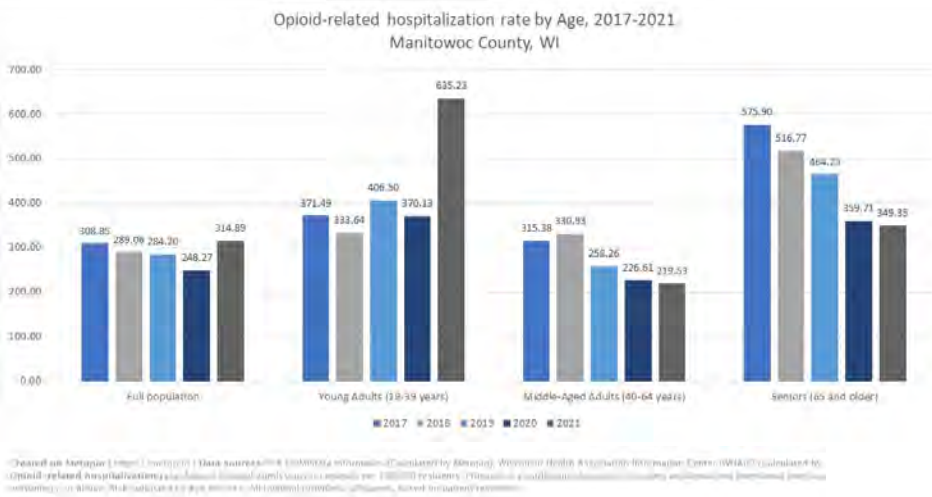
Mental Health



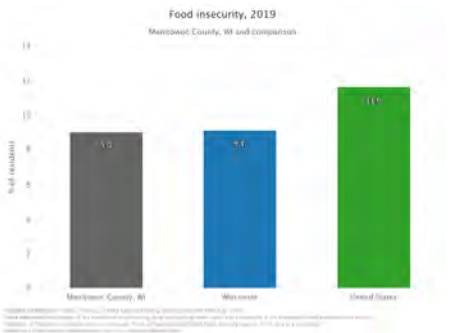
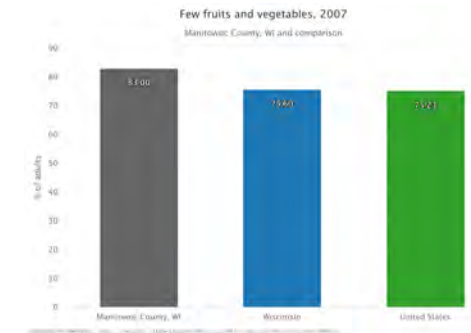
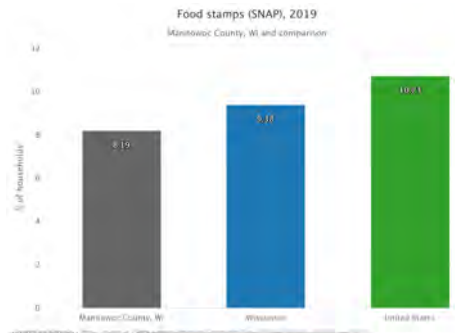
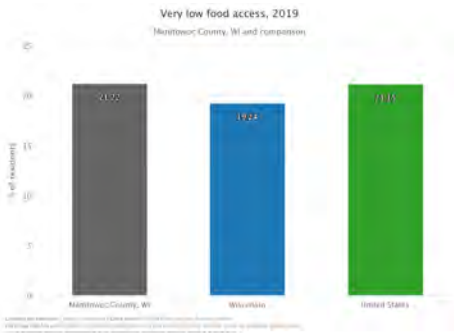
Alcohol Use



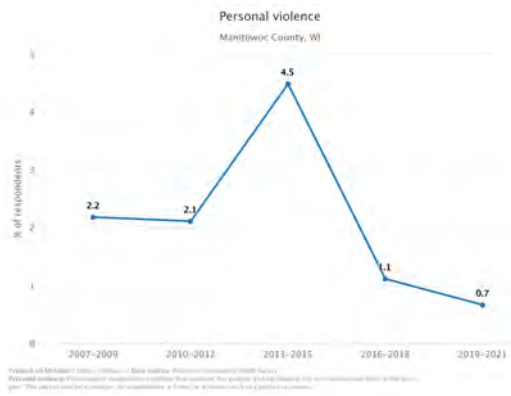
Substance Use



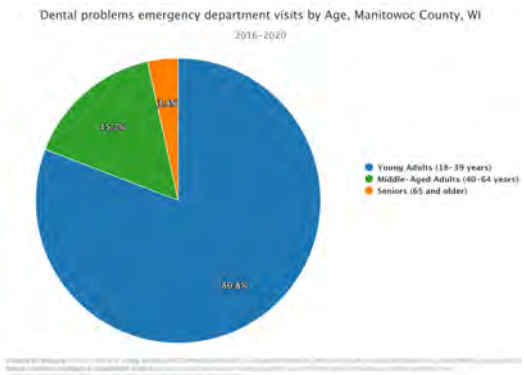
Nutrition, Physical Activity, and Obesity



Intimate Partner / Domestic Violence



Oral Health



COVID-19

Number of reported confirmed and probable COVID-19 cases by date of symptom onset or diagnosis:

Manitowoc County

Updated: 4/26/2022 (Total: 20,537)

The most recent two weeks are preliminary and subject to change as more data are submitted (from 4/12/2022 to 4/26/2022)

Select County:
Manitowoc County

Move the slider to select a date range:
All values

Select Case Status:

- Confirmed
- Probable
- Confirmed and Probable



COVID-19 vaccines for Wisconsin residents

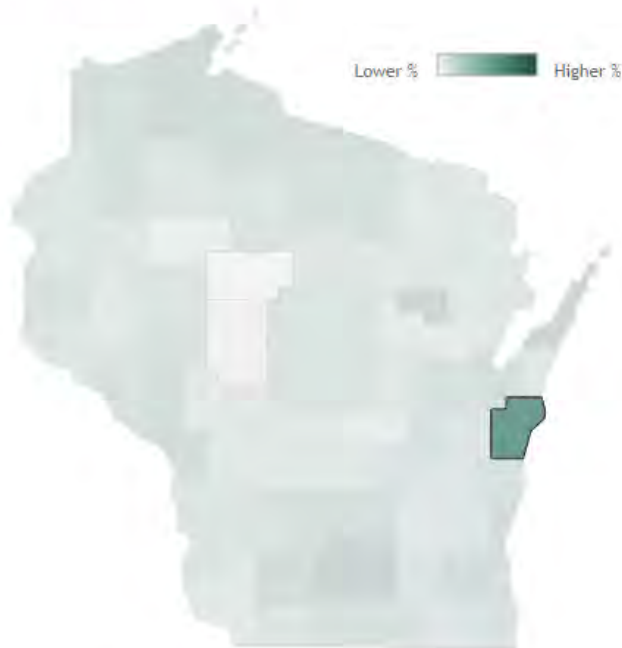
Updated: 4/26/2022

HERC region data

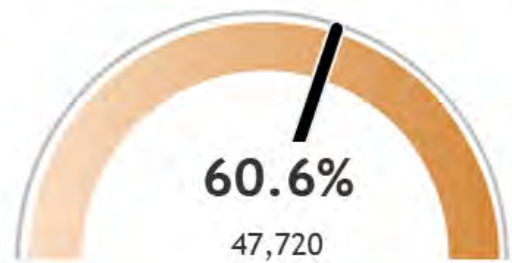
- Total population who have received at least one dose
- Total population who have completed the series
- Total population who have received an additional/booster dose

Percent of Wisconsin residents who have received at least one dose by county

Click a county to filter data



Percent of Manitowoc County residents who have received at least one dose



Age	Percentage
5-11	18.1%
12-17	48.2%
18-24	57.5%
25-34	57.0%
35-44	58.8%
45-54	64.7%
55-64	75.1%
65+	84.5%

Race	Percentage
American Indian	32.7%
Asian	59.6%
Black	37.2%
White	58.2%

*2.8% of records reported a race of "Other"

*2.0% of records reported an unknown race

Sex	Percentage
Female	63.7%
Male	57.3%

Ethnicity	Percentage
Hispanic	51.7%
Non-hispanic	60.0%

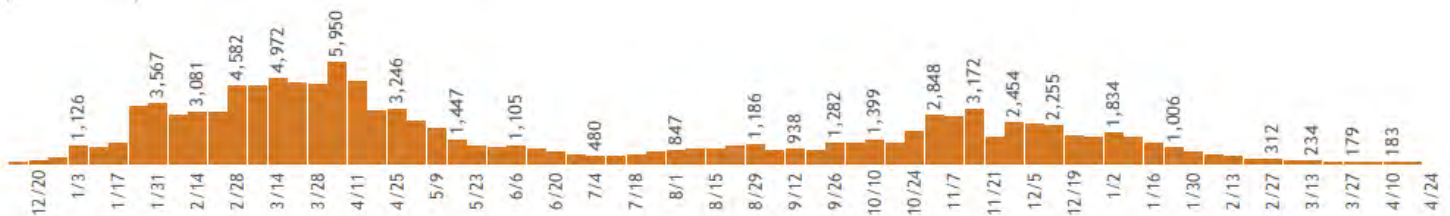
*0.1% of records were reported without sex.

*1.7% of records were reported without ethnicity.

[View more data on racial and ethnic disparities in Wisconsin](#)

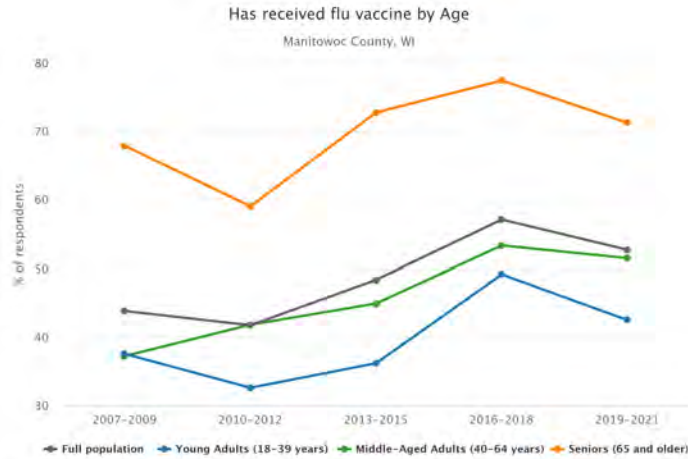
Vaccine doses for Manitowoc County residents by week

(Total: 119,692)

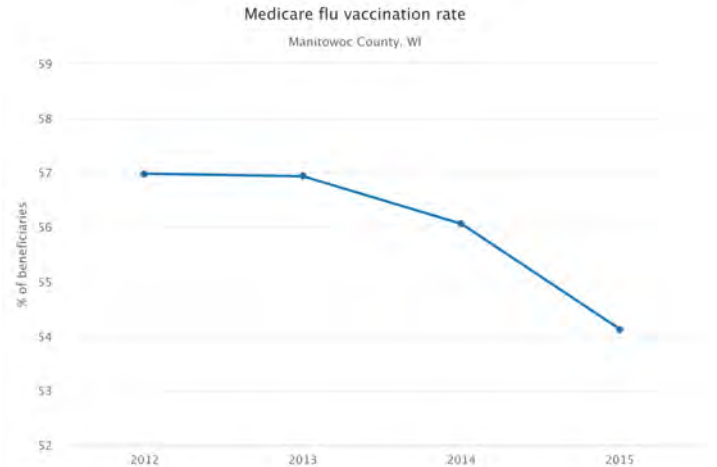


*Current week may be incomplete.

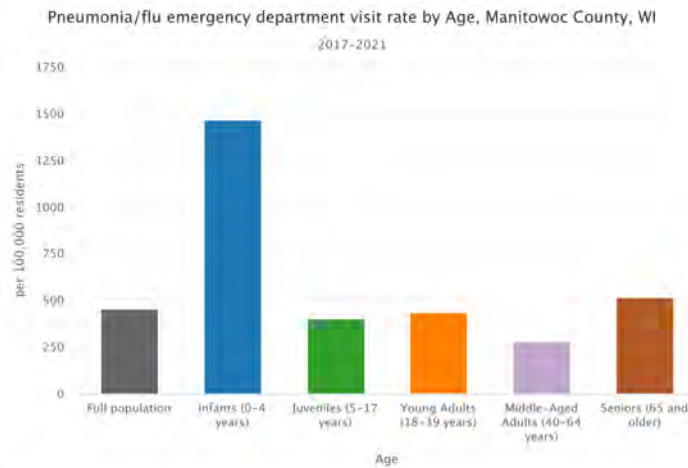
Immunizations



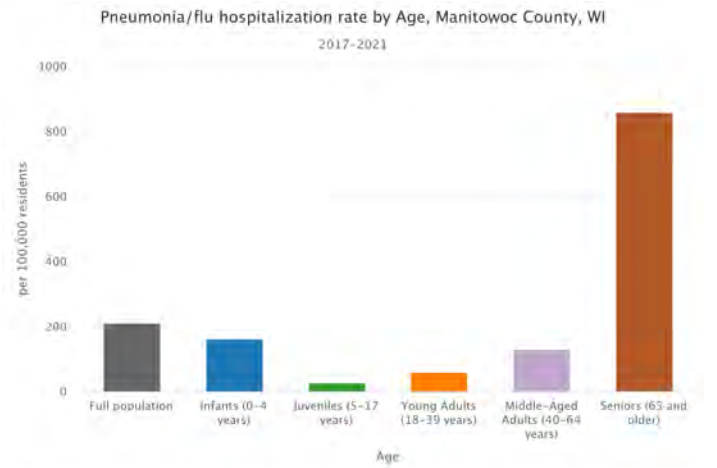
Created on Metapop | <https://metapop.com> | Data source: Wisconsin Community Health Survey
Has received flu vaccine: Percentage of respondents reporting that they have had a flu shot or flu vaccine in the past year



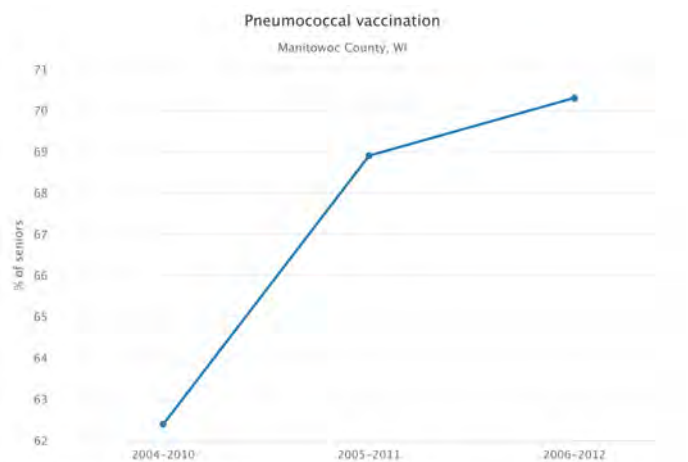
Created on Metapop | <https://metapop.com> | Data source: Department of Health and Human Services (DHHS), Bureau of the Census, Behavioral Risk Factor Surveillance System (BRFSS) Survey
Medicare flu vaccination rate: Percent of Medicare fee-for-service beneficiaries reporting flu vaccine in any past 12 months (by zip code) from 2012 to 2015. Excludes ZIPs in WI and P.S. Excludes ZIPs not in ZIPs.



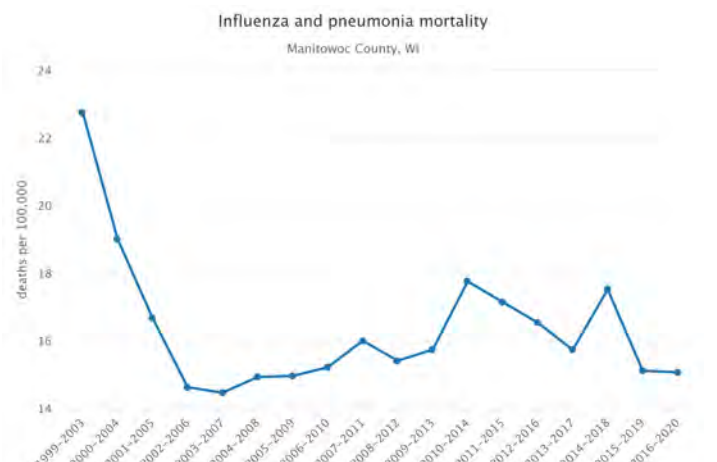
Created on Metapop | <https://metapop.com> | Data source: CDC, Community Health Improvement Program (CHIP) Survey
Pneumonia/flu emergency department visit rate: per 100,000 residents (by zip code) from 2017 to 2021. Excludes ZIPs not in ZIPs.



Created on Metapop | <https://metapop.com> | Data source: CDC, Community Health Improvement Program (CHIP) Survey
Pneumonia/flu hospitalization rate: per 100,000 residents (by zip code) from 2017 to 2021. Excludes ZIPs not in ZIPs.



Created on Metapop | <https://metapop.com> | Data source: Behavioral Risk Factor Surveillance System (BRFSS)
Pneumococcal vaccination: Percent of residents aged 65 and older who report having had a pneumococcal vaccine (pneumonia shot)



Created on Metapop | <https://metapop.com> | Data source: Behavioral Risk Factor Surveillance System (BRFSS)
Influenza and pneumonia mortality: Total deaths from influenza and pneumonia (by zip code) from 1999 to 2020. Excludes ZIPs not in ZIPs.

Manitowoc Co. - Secondary Data Report

Total Population - Manitowoc County				
		2020		State 2020
Total Population		78,977		5,806,975
Total Population- Race alone or in combination with one or more other races				
		N	%	%
	White	73,212	92.7%	84.3%
	Black or African American	936	1.2%	6.3%
	Asian	2,162	2.7%	2.8%
	American Indian and Alaska Native	348	0.4%	0.8%
	Native Hawaiian and Other Pacific Islander	8	<0.1%	<0.1%
	Some Other Race	503	0.6%	2.3%
	Hispanic or Latino (of any race)	3,377	4.3%	7.0%
Total Population				
	Male	39,401	49.9%	49.8%
	Female	39,576	50.1%	50.2%
Total Population				
	0-14	13,251	16.8%	18.1%
	15-44	26,289	33.3%	38.2%
	45-64	23,345	29.6%	26.8%
	65+	16,092	20.4%	16.9%

US Census Bureau (2020). American Community Survey 5-Year Estimates. Data accessed from <https://data.census.gov>, table DP05 on April 14, 2022.

Manitowoc Co. - Secondary Data Report

Demographics - Manitowoc County			
		2020	State 2020
Education level of adults 25 years or older			
	Less than high school degree	7.0%	7.4%
	High school graduate	36.4%	30.3%
	Some college/Associate's degree	34.7%	31.5%
	Bachelor's degree or higher	21.9%	30.8%
Civillian labor force			
	Unemployment rate	2.4%	3.6%
Median HH Income (2020 Inflation-adjusted dollars)			
	Median household income	\$58,464	\$63,293
Percent of all people below poverty level in last 12 months			
	Percent below poverty level	9.0%	11.0%
Language spoken at home among population 5 years and over			
	English	94.6%	91.3%
	Spanish	2.6%	4.6%
	Other Indo-European Languages	1.0%	1.9%
	Asian and Pacific Islander Languages	1.7%	1.7%
	Other Languages	0.1%	0.4%
Housing Tenure			
	Owner Occupied	75.9%	67.1%
	Renter Occupied	24.1%	32.9%

US Census Bureau (2020). American Community Survey 5-Year Estimates. Accessed at: <https://data.census.gov, tables S1501, DP03, DP04, S1601, S1701, S1901> on April 14, 2022.

Manitowoc Co. - Secondary Data Report

Population Change in Race and Ethnicity - Manitowoc County						
	2010 Census		2020 Census		2010 to 2020 Change	
	Number	% of Total	Number	% of Total	Number	Percent
Total Population	81,442	100.0%	81,359	100.0%	-83	-0.1%
Hispanic or Latino	2,565	3.1%	4,050	5.0%	1,485	57.9%
Not Hispanic or Latino	78,877	96.9%	77,309	95.0%	-1,568	-2.0%
White Alone	76,402	93.8%	72,034	88.5%	-4,368	-5.7%
Black or African American Alone	442	0.5%	1,070	1.3%	628	142.1%
American Indian and Alaska Native Alone	450	0.6%	464	0.6%	14	3.1%
Asian Alone	2,050	2.5%	2,253	2.8%	203	9.9%
Native Hawaiian or Other Pacific Islander Alone	10	<0.1%	15	<0.15%	5	50.0%
Some Other Race Alone	1,069	1.3%	1,496	1.8%	427	39.9%
Two or More Races	1,019	1.3%	4,027	4.9%	3,008	295.2%

U.S. Census Bureau (2021). *Race and Ethnicity in the United States: 2010 Census and 2020 Census*. Accessed from <https://www.census.gov/library/visualizations/interactive/race-and-ethnicity-in-the-united-state-2010-and-2020-census.html> on April 26, 2022.

Manitowoc Co. - Secondary Data Report

Population Change in Age - Manitowoc County			
	2010 Census	2020 Census	2010 to 2020 Percentage Change
Total Population	81,678	78,977	-3.3%
Under 5	5.6%	5.2%	-7.1%
5 to 9	6.1%	5.8%	-4.9%
10 to 14	6.8%	5.8%	-14.7%
15 to 19	7.0%	6.0%	-14.3%
20 to 24	5.4%	5.3%	-1.9%
25 to 29	4.9%	5.2%	6.1%
30 to 34	5.2%	5.3%	1.9%
35 to 39	5.6%	5.9%	5.4%
40 to 44	7.8%	5.7%	-26.9%
45 to 49	8.5%	5.9%	-30.6%
50 to 54	8.2%	7.2%	-12.2%
55 to 59	7.1%	8.5%	19.7%
60 to 64	5.4%	7.9%	26.3%
65 to 69	4.1%	6.4%	56.1%
70 to 74	3.8%	5.1%	34.2%
75 to 79	3.2%	3.5%	9.4%
80 to 84	2.8%	2.7%	-3.6%
85+	2.5%	2.7%	8.0%

US Census Bureau (2020). 2010 and 2020 American Community Survey 5-Year Estimates.
 Accessed at: <https://data.census.gov>, tables S0101 Age and Sex on April 30, 2022.

Manitowoc Co. - Secondary Data Report

Poverty Status in the Past 12 Months- Manitowoc County				
	2017	2018	2019	State 2019
Population for whom poverty status is determined	8.8%	11.4%	8.7%	10.4%

Data Accessed from American Community Survey (2020). American Community Survey 1-Year Estimates accessed from data.census.gov, Table S1701 on April 22, 2022.

Manitowoc Co. - Secondary Data Report

Total Births - Manitowoc County					
	2018	2019	2020	State 2020	Healthy People 2030 target
Total Births	750	780	729	60,615	
Total Births by Race/Ethnicity of Mother					
White (Non-Hispanic)	608	630	593	42,657	
Black/African American (Non-Hispanic)	16	24	11	6,374	
American Indian/Alaska Native (Non-Hispanic)				581	
Hispanic	57	65	60	6,436	
Laotian or Hmong (Non-Hispanic)	45	36	41	1,355	
Other (Non-Hispanic)	8	8	6	1,668	
Two or More Races (Non-Hispanic)	14	14	14	1,404	
Total Births by Education of Mother					
Some High School or Less	101	71	82	6,007	
High School Graduate/GED	221	247	202	15,102	
Some College	221	241	218	16,770	
College Graduate	170	172	170	15,369	
Post Graduate	34	45	54	6,916	

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 April 26, 2022.

Manitowoc Co. - Secondary Data Report

Percent Births to Those Receiving First Trimester Care - Manitowoc County					HP 2030 target
	2018	2019	2020	State 2020	
Total Births	750	780	729	60,615	
Percent 1st trimester care	78.3%	79.6%	79.3%	76.7%	80.5%
Percent of Mothers Receiving First Trimester Prenatal Care by Race/Ethnicity					
White (Non-Hispanic)	81.4%	82.4%	83.5%	81.1%	
Black/African American (Non-Hispanic)	68.8%	79.2%	63.6%	62.8%	
American Indian/Alaska Native (Non-Hispanic)				62.5%	
Hispanic	73.7%	66.2%	53.3%	67.6%	
Laotian or Hmong (Non-Hispanic)	46.7%	52.8%	61.0%	67.1%	
Other (Non-Hispanic)	87.5%	100.0%	83.3%	71.9%	
Two or more Races (Non-Hispanic)	71.4%	78.6%	78.6%	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 April 26, 2022.
 Healthy People 2030, US Department of Health and Human Services, Office of Disease Prevention and Health Promotion. Target accessed from <https://health.gov/healthypeople/objectives-and-data/browse-objectives/pregnancy-and-childbirth/increase-proportion-pregnant-women-who-receive-early-and-adequate-prenatal-care-mich-08> on April 26, 2022.

Manitowoc Co. - Secondary Data Report

Percent Late (started in third trimester) or No Prenatal Care- Manitowoc County					
	2018	2019	2020	State 2020	Healthy People 2030 target
Total Births	750	780	729	60,615	
Percent late or no prenatal care	4.8%	4.5%	5.2%	4.6%	
Percent of Mothers Receiving Late or No Prenatal Care by Race/Ethnicity					
White (Non-Hispanic)	3.9%	4.0%	4.9%	3.7%	
Black/African American (Non-Hispanic)				7.7%	
American Indian/Alaska Native (Non-Hispanic)				9.6%	
Hispanic		10.8%	10.0%	5.8%	
Laotian or Hmong (Non-Hispanic)	13.3%			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 April 26, 2022.

Manitowoc Co. - Secondary Data Report

Tobacco Use During Pregnancy - Manitowoc County					
	2018	2019	2020	State 2020	Healthy People 2030 target
Total Births	750	780	729	60,615	
Percent of births where mother indicated cigarette smoking during pregnancy	16.5%	13.6%	13.2%	8.4%	4.3%
Percent of Mothers Who Smoked While Pregnant by Race/Ethnicity					
White (Non-Hispanic)	17.6%	14.0%	13.4%	8.8%	
Black/African American (Non-Hispanic)		20.8%		8.6%	
American Indian/Alaska Native (Non-Hispanic)				31.7%	
Hispanic	10.5%	9.2%		4.1%	
Laotian or Hmong (Non-Hispanic)				2.9%	
Other (Non-Hispanic)				1.3%	
Two or more Races (Non-Hispanic)	42.9%		35.7%	17.5%	
Percent of Mothers Who Smoked While Pregnant by Education					
Some High School or Less	28.7%	28.2%		14.8%	
High School Graduate/ GED	24.4%	22.3%	20.8%	16.3%	
Some College	16.7%	12.0%	12.4%	9.1%	
College Graduate				0.9%	
Post Graduate				0.4%	

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 April 26, 2022. Healthy People 2030, US Department of Health and Human Services, Office of Disease Prevention and Health Promotion. Target accessed from <https://health.gov/healthypeople/objectives-and-data/browse-objectives/pregnancy-and-childbirth/increase-abstinence-cigarette-smoking-among-pregnant-women-mich-10> on April 26, 2022.

Percent of All Births That Are Low Birthweight - Manitowoc County							State 2020	Healthy People 2030 target
	2016	2017	2018	2019	2020			
Total Births	796	780	750	780	729	60,615		
Percent low birth weight (<2,500 grams)	7.0%	6.7%	8.0%	9.9%	8.4%	7.7%		
Percent of Births That Are Low Birthweight by Race of Mother								
White (Non-Hispanic)	6.5%	7.0%	7.2%	9.8%	8.9%	6.2%		
Black/ African American (Non-Hispanic)						16.8%		
American Indian/Alaska Native (Non- Hispanic)						7.4%		
Hispanic	15.9%			9.2%		8.1%		
Laotian or Hmong (Non-Hispanic)			13.3%			6.3%		
Other (Non-Hispanic)						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 April 27, 2022 and May 31, 2022.

Manitowoc Co. - Secondary Data Report

Infant Mortality - Manitowoc County					
	2018	2019	2020	State 2020	Healthy People 2030 target
Total Births	750	780	729	60,615	
Total number of Infant Deaths (<365 days)				361	
Infant mortality rate (<365 days) per 1,000 live births	4.0	5.1	1.4	6.0	5.0
Infant Mortality Rate per 1,000 Live Births by Race/Ethnicity of the Mother					
White (Non-Hispanic)	3.3	6.3		4.4	
Black/ African American (Non-Hispanic)				14.3	
American Indian/Alaska Native (Non-Hispanic)				6.9	
Hispanic			16.7	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 April 27, 2022.
 Healthy People 2030, US Department of Health and Human Services, Office of Disease Prevention and Health Promotion. Target accessed from <https://health.gov/healthypeople/objectives-and-data/browse-objectives/infants/reduce-rate-infant-deaths-mich-02> on April 26, 2022.

Manitowoc Co.- Secondary Data

Premature Births (<37 weeks of gestation) - Manitowoc County							
	2016	2017	2018	2019	2020	State 2020	Healthy People 2030 target
Total Births	796	780	750	780	729	60,615	
Percent Premature (<37 weeks of gestation)	9.0%	9.6%	9.1%	12.8%	10.8%	9.9%	9.4%
Percent Premature Birth by Race/Ethnicity of Mother							
White (Non-Hispanic)	9.1%	9.8%	9.2%	12.9%	11.0%	9.0%	
Black/ African American (Non-Hispanic)						16.3%	
American Indian/ Alaska Native (Non-Hispanic)						13.4%	
Hispanic	15.9%			15.4%	15.0%	10.1%	
Laotian or Hmong (Non-Hispanic)						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, <http://dhs.wisconsin.gov/wish/> Low Birthweight Module, accessed April 27, 2022 and May 31, 2022.

Healthy People 2030, US Department of Health and Human Services, Office of Disease Prevention and Health Promotion. Target accessed from <https://health.gov/healthypeople/objectives-and-data/browse-objectives/pregnancy-and-childbirth/reduce-preterm-births-mich-07> on April 26, 2022.

Birth Rate for Teens Ages 15-19 - Manitowoc County							
	2016	2017	2018	2019	2020	State 2020	Healthy People 2030 target
Total Births to Teens 15-19	37	31	40	33	33	2,143	
Birth rate per 1,000 for Teens Ages 15-19	15.8	13.3	17.4	14.3	14.2	11.5	31.4

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 - Teen Birth Rates Module, accessed April 27, 2022 and June 6, 2022.

Healthy People 2030, US Department of Health and Human Services, Office of Disease Prevention and Health Promotion. Target accessed from <https://health.gov/healthypeople/objectives-and-data/browse-objectives/family-planning/reduce-pregnancies-adolescents-fp-03> on April 26, 2022.

Manitowoc Co.- Secondary Data

Birth Rate for Teens Ages 15-17 - Manitowoc County							
	2016	2017	2018	2019	2020	State 2020	Healthy People 2030 target
Total Births to Teens 15-17	10	10	9	8	7	488	
Birth rate per 1,000 for Teens Ages 15-17	7.3	7.1	6.5	5.9	5.1	4.4	

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/>, Teen Births Module, accessed April 27, 2022 and June 6, 2022.

Manitowoc Co. - Secondary Data Report

Number of Deaths - Manitowoc County						
	2018	2019	2020	State 2020	Healthy People 2030 target	
Total Deaths (all causes)	874	895	1,012	62,704		
Mortality Rate	1,089.0	1,109.7	1,252.7	1,074.5		
Number of Deaths by Race/Ethnicity						
White	857	879	994	57,649		
Black		6	6	3,872		
Hispanic	6	7	7	1,435		
American Indian				584		
Asian	11	6	9	599		
Number of Deaths by Sex						
Male	429	430	523	32,442		
Female	445	465	489	30,261		

Mortality Rate (Per 100,000) - Manitowoc County						
	2018	2019	2020	State 2020	Healthy People 2030 target	
Total Deaths (all causes)	874	895	1,012	62,704		
Mortality Rate	1,089.0	1,109.7	1,252.7	1,074.5		
Mortality Rate (Per 100,000) by Race/Ethnicity						
White	1,127.3	1,153.1	1,303.6	1,125.3		
Black		478.5	473.7	886.9		
Hispanic	179.3	195.9	184.8	1,132.2		
American Indian				738.9		
Asian	465.4	245.5	356.6	304.1		
Mortality Rate (Per 100,000) by Sex						
Male	1,070.9	1,067.1	1,295.1	1,117.0		
Female	1,107.1	1,152.2	1,210.2	1,032.3		

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 April 27, 2022.

Manitowoc Co. - Secondary Data Report

Years of Potential Life Lost per 100,000 population - Manitowoc County					
	2018	2019	2020	State 2020	Healthy People 2030 target
Total Deaths	874	895	1,012	62,704	
Mortality Rate per 100,000	1,089.0	1,109.7	1,252.7	1,074.5	
Years of Potential Life Lost: rate (Years per 100,000 population)	7,237.0	7,733.0	7,547.5	7,658.8	
Years of Potential Life Lost by Race: rate per 100,000 population					
White	7,157.1	8,008.6	7,723.9	7,142.6	
Black	8,153.5	6,696.8	10,666.7	14,720.6	
Hispanic	7,485.4	2,498.2	3,506.9	6,047.0	
American Indian	1,233.7	8,924.5	1,539.9	10,453.7	
Asian	10,822.0		2,787.8	3,606.2	
Years Potential Life Lost by Sex: rate per 100,000 population					
Male	8,694.8	9,476.5	9,873.6	9,624.3	
Female	5,728.1	5,926.0	5,135.1	5,660.2	

* Years of Potential Life Lost (YPLL): An estimate of premature mortality, defined as the number of years of life lost among persons who die before age 75. YPLL is the sum of the differences between age 75 and the age at death for everyone who died before age 75.

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 April 28, 2022.

Manitowoc Co. - Secondary Data Report

Age Adjusted Mortality Rate (Per 100,000) - Manitowoc County						Healthy People 2030 target
		2018	2019	2020	State 2020	
	Total Deaths (all causes)	874	895	1,012	62,704	
	Age Adjusted Mortality Rate	705.2	719.5	792.0	836.4	
Age Adjusted Mortality Rate (Per 100,000) by Race/Ethnicity						
	White	701.8	722.7	793.6	811.7	
	Black		1,137.1	1,064.0	1,319.3	
	Hispanic	226.5	508.8	442.1	701.0	
	American Indian				1,037.4	
	Asian	754.3	765.6	792.1	588.2	
Age Adjusted Mortality Rate (Per 100,000) by Sex						
	Male	823.2	814.4	968.9	994.2	
	Female	610.5	635.0	638.6	701.4	

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 April 28, 2022.

Manitowoc Co. - Secondary Data Report

Average Age at Death - Manitowoc County					
	2018	2019	2020	State 2020	Healthy People 2030 target
Average Age at Death	76.1	75.6	76.8	75.1	
Average Age at Death by Race/Ethnicity					
White	76.5	75.7	76.9	76.2	
Black		62.3	54.5	61.5	
Hispanic	33.8	67.9	58.4	60.1	
American Indian				63.6	
Asian	53.2	85.8	72.6	68.2	
Average Age at Death by Sex					
Male	73.0	72.0	73.3	72.0	
Female	79.0	79.0	80.5	78.3	

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 April 28, 2022.

Manitowoc Co. - Secondary Data Report

Number Injury Related Deaths - Manitowoc County					
	2018	2019	2020	State 2020	Healthy People 2030 target
Total Deaths (all causes)	874	895	1,012	62,704	
Number Injury Related Deaths	74	82	74	5,915	
Number Injury Related Death by Race/Ethnicity					
White	71	80	72	5,079	
Black				635	
Hispanic				269	
American Indian				87	
Asian				50	
Number Injury Related Death by Sex					
Male	48	52	48	3,747	
Female	26	30	26	2,168	

Age-Adjusted Injury Death Rate Per 100,000 - Manitowoc County					
	2018	2019	2020	State 2020	Healthy People 2030 target
Injury Related Death Rate	80.1	91.0	80.2	92.7	63.1
Age-Adjusted Injury Death Rate Per 100,000 by Race/Ethnicity					
White	79.2	93.2	81.1	86.6	
Black				159.3	
Hispanic				80.1	
American Indian				127.9	
Asian				35.9	
Age-Adjusted Injury Death Rate Per 100,000 by Sex					
Male	112.1	123.0	112.2	126.2	
Female	50.0	56.5	47.3	59.4	
Age-Adjusted Injury Death Rate Per 100,000 by Age Group					
Age 18-44	77.8	104.1	98.1	96.2	
Age 45-64	81.6	98.1	44.8	89.5	
65+	171.6	173.6	222.2	249.9	

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 April 28, 2022. Healthy People 2030, US Department of Health and Human Services, Office of Disease Prevention and Health Promotion. Target accessed from <https://health.gov/healthypeople/objectives-and-data/browse-objectives/injury-prevention/reduce-fatal-injuries-ivp-01> on April 26, 2022.

Manitowoc Co.- Secondary Data

Number of Suicides - Manitowoc County							
	2016	2017	2018	2019	2020	State 2020	Healthy People 2030 target
Total Deaths (all causes)	862	903	874	895	1,012	62,704	
Number of Suicides	16	15	12	20	10	861	
Number of Suicides by Race/Ethnicity							
White	15	15	10	19	10	802	
Black						39	
Hispanic						36	
American Indian						10	
Asian						10	
Number of Suicides by Sex							
Male						703	
Female						158	

Suicide Rate Per 100,000 - Manitowoc County							
	2016	2017	2018	2019	2020	State 2020	Healthy People 2030 target
Suicide Rate	19.8	18.6	15.0	24.8	12.4	14.8	12.8
Suicide Rate per 100,000 by Race/Ethnicity							
White	19.5	19.6	13.2	24.9	13.1	15.7	
Black						8.9	
Hispanic						8.4	
American Indian						12.7	
Asian						5.1	
Suicide Rate per 100,000 by Sex							
Male	32.2	29.8	22.5	42.2	17.3	24.2	
Female	7.4	7.4	7.5	7.4	7.4	5.4	
Suicide Rate per 100,00 by Age Group							
Age 15-44			18.8	37.5	18.7	18.2	
Age 45-64	40.9	20.7	25.4			18.2	
Age 65+		37.1		34.9		16.1	

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 April 28 and June 6, 2022. Healthy People 2030, US Department of Health and Human Services, Office of Disease Prevention and Health Promotion. Target accessed from <https://health.gov/healthypeople/objectives-and-data/browse-objectives/mental-health-and-mental-disorders/reduce-suicide-rate-mhmd-01> on April 26, 2022.

Manitowoc Co. - Secondary Data Report

Number Injury-Related Hospitalizations, All Visits - Manitowoc Co.					
	2018	2019	2020	State 2020	HP 2030 target
Number of hospitalizations for all injuries	393	426	355	25,795	
Number Injury-Related Hospitalizations by Race/Ethnicity					
White	375	411	338	22,227	
Black			5	2,331	
Hispanic	9	9	6	914	
American Indian				300	
Asian	6	5	5	235	
Unknown	7	5	5	652	
Number Injury-Related Hospitalizations by Sex					
Male	191	190	178	12,690	
Female	202	236	177	13,103	
Age-Adjusted Rate of Injury-Related Hospitalizations, All Visits - Manitowoc Co.					
	2018	2019	2020	State 2020	HP 2030 target
Total Injury Hospitalizations	393	426	355	25,793	
Rate of Injury Hospitalizations	386.5	419.1	344.6	384.9	
Age-Adjusted Rate of Injury-Related Hospitalizations by Race/Ethnicity					
White	376.6	417.7	335.2	355.8	
Black			503.5	599.8	
Hispanic	419.7	322.1	127.3	290.3	
American Indian				436.0	
Asian	491.9	255.9	316.8	163.3	
Age-Adjusted Rate of Injury-Related Hospitalizations by Sex					
Male	409.2	404.9	387.7	410.6	
Female	366.1	423.2	301.8	354.6	

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-hosp/query.htm>, accessed April 28, 2022.

Manitowoc Co.- Secondary Data

Number of Opioid-Related Hospital Encounters- Manitowoc County							
	2016	2017	2018	2019	2020	State 2020	HP 2030 target
Total Opioid Hospital Discharges	506	400	348	337	330	18,358	
Age-Adjusted Rate of Opioid Hospital Discharges	606.8	490.4	429.5	437.9	441.0	329.0	
Number Opioid-Related Hospital Discharges by Race/Ethnicity							
White	483	388	329	322	315	14,711	
Black	12	5	11	8	7	2,275	
Hispanic		7	6	9	10	1,236	
American Indian						676	
Asian	6		5			108	
Number Opioid-Related Hospital Discharges by Sex							
Male	247	200	164	165	183	9,990	
Female	259	200	184	172	147	8,368	
Number Opioid-Related Hospital Discharges by Age Group							
Age 15-44	231	202	176	199	204	12,196	
Age 45-64	168	105	90	73	72	4,292	
Age 65+	104	92	79	65	54	1,782	

Rate of Opioid-Related Hospital Encounters per 100,000 Population - Manitowoc County							
	2016	2017	2018	2019	2020	State 2020	HP 2030 target
Rate of Opioid-related hospital discharges	625.9	495.1	433.6	417.8	408.5	314.6	
Rate of Opioid-Related Hospital Discharges Per 100,000 by Race/Ethnicity							
White	628.4	505.9	432.8	422.4	413.1	287.1	
Black	1201.7	470.0	924.7	638.1	552.7	521.1	
Hispanic		217.9	179.3	251.9	264.0	288.5	
American Indian						855.4	
Asian	255.2		211.6			54.8	
Rate of Opioid-Related Hospital Discharges Per 100,000 by Sex							
Male	612.7	496.1	409.4	409.5	453.2	344.0	
Female	639.1	494.2	457.8	426.2	363.8	285.5	
Rate of Opioid-Related Hospital Discharges Per 100,000 by Age Group							
Age 15-44	860.0	754.5	662.9	745.8	763.0	546.9	
Age 45-64	686.9	434.7	381.2	313.0	309.1	278.5	
Age 65+	659.4	568.7	476.6	378.1	313.6	175.2	

Wisconsin Dept. of Health Services, Division of Public Health, Office of Health Informatics. Wisconsin Interactive Statistics on Health (WISH) data query system, Opioid Module, <http://dhs.wisconsin.gov/wish/>, accessed April 28 and June 6, 2022.

Manitowoc Co.- Secondary Data

Age-Adjusted Rate of Opioid-Related Hospital Encounters per 100,000 Pop. - Manitowoc County							
	2016	2017	2018	2019	2020	State 2020	HP 2030 target
Total Opioid Hospital Discharges	506	400	348	337	330	18,358	
Age-Adjusted Rate of Opioid Hospital Discharges	606.8	490.4	429.5	437.9	441.0	329.0	
Age-Adjusted Rate of Opioid-Related Hospital Discharges Per 100,000 by Race/Ethnicity							
White	613.4	506.2	429.9	450.3	449.0	304.7	
Black	2493.9	631.9	997.0	686.2	468.2	567.8	
Hispanic		228.6	283.0	390.8	415.4	317.6	
American Indian						883.3	
Asian	537.4		258.6			61.2	
Age-Adjusted Rate of Opioid-Related Hospital Discharges Per 100,000 by Sex							
Male	590.0	493.5	421.6	429.9	488.7	358.1	
Female	622.3	481.5	434.6	443.0	390.5	298.7	

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/>, Opioid-Related Hospital Encounters Module, accessed April 28 and June 7, 2022.

Manitowoc Co.- Secondary Data

Number of Opioid Deaths- Manitowoc County							
	2016	2017	2018	2019	2020	State 2020	HP 2030 target
Number of Opioid Deaths	8	9	6	11	16	1,226	
Average Age at Death	45.0	36.0	30.5	40.5	36.6	40.8	
Number Opioid Deaths by Race/Ethnicity							
White	8	9	6	11	16	1,008	
Black						177	
Hispanic						80	
American Indian						31	
Asian						8	
Number Opioid Deaths by Sex							
Male						860	
Female						366	
Number Opioid Deaths by Age Group							
Age 15-44		7	6	6	13	782	
Age 45-64	5			5		406	
Age 65+						38	

Opioid Mortality Rate per 100,000 Population - Manitowoc County							
	2016	2017	2018	2019	2020	State 2020	HP 2030 target
Mortality Rate	9.9	11.1	7.5	13.6	19.8	21.0	13.1
White	10.4	11.7	7.9	14.4	21.0	19.7	
Black						40.5	
Hispanic						18.7	
American Indian						39.2	
Asian						4.1	
Opioid Mortality Rate Per 100,000 by Sex							
Male	14.9	14.9		17.4	32.2	29.6	
Female						12.5	
Opioid Mortality Rate Per 100,000 by Age Group							
Age 15-44		26.1	22.6	22.5	48.6	35.1	
Age 45-64	20.4			21.4		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, Opioid Module, <https://www.dhs.wisconsin.gov/wish/opioid/mortality.htm>, accessed April 28 and June 7, 2022. HP2030 Objective IVP-20 accessed from <https://health.gov/healthypeople/objectives-and-data/browse-objectives/injury-prevention/reduce-overdose-deaths-involving-opioids-ivp-20> on April 28, 2022.

Age-Adjusted Opioid Mortality Rate per 100,000 Population - Manitowoc County							
	2016	2017	2018	2019	2020	State 2020	HP 2030 target
Number of Opioid Deaths	8	9	6	11	16	1,226	
Age-Adjusted Opioid Mortality Rate	9.0	13.2	9.3	14.7	24.5	22.4	
Age-Adjusted Opioid Mortality Rate Per 100,000 by Race/Ethnicity							
White	9.5	14.1	10.2	15.8	26.4	21.6	
Black						45.5	
Hispanic						20.0	
American Indian						43.9	
Asian						3.5	
Age-Adjusted Opioid Mortality Rate Per 100,000 by Sex							
Male	13.1	17.3		19.2	37.7	31.2	
Female						13.4	

Wisconsin Dept. of Health Services, Division of Public Health, Office of Health Informatics. Wisconsin Interactive Statistics on Health (WISH) data query system, Opioid Module, <http://dhs.wisconsin.gov/wish/>, Drug Overdose Deaths Module, accessed April 28 and June 8, 2022.

Manitowoc Co. - Secondary Data Report

Number ED Visits for Injuries, All Visits - Manitowoc County					
	2018	2019	2020	State 2020	HP 2030 target
Total Number of ED Visits for Injury, All types	5,516	5,882	5,081	347,890	
Number ED Visits for Injuries by Sex					
Male	2,891	3,023	2,629	179,903	
Female	2,625	2,859	2,452	167,981	

Age-Adjusted Rate of ED Visits for Injury Per 100,000 Pop. - Manitowoc County					
	2018	2019	2020	State 2020	HP 2030 target
Total Number of ED Visits for Injury	5,516	5,882	5,081	347,867	
Rate of ED Visits for Injury	7,249.8	7,744.7	6,511.6	5,993.2	7,738.2
Age-Adjusted Rate of ED Visits for Injury Per 100,000 Pop. By Sex					
Male	7,653.7	7,982.2	6,784.6	6,297.5	
Female	6,854.6	7,497.7	6,240.3	5,677.1	

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-ed/query.htm>, accessed April 28, 2022.

Healthy People 2030, US Department of Health and Human Services, Office of Disease Prevention and Health Promotion. Target accessed from <https://health.gov/healthypeople/objectives-and-data/browse-objectives/injury-prevention/reduce-emergency-department-visits-nonfatal-injuries-ivp-02> on April 26, 2022.

Manitowoc Co. - Secondary Data Report

Ranked Causes of Emergency Department Visits for Injury, All visits - Manitowoc County		
		2020
Total ED Visits for Injury by Cause		
Fall		1,687
Struck by or against object or person		588
Cutting or piercing objects		505
Motor vehicle		334
Overexertion		287
Natural or environmental factors		247
Poisoning		159
Nontraffic transportation		148
Fire, heat, chemical burns, hot object, scalding		82
Machinery		71
Suffocation		8
Firearm		5
Drowning		

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/>, Injury-Related Health Outcomes Module, accessed April 28, 2022.

Manitowoc Co.- Secondary Data

Sex Offense Rates per 100,000- Manitowoc County						
	2017	2018	2019	2020	2021	State 2021
All Sex Offenses	55.30	39.13	44.29	51.92	64.18	89.25
Rape	10.06	10.10	12.66	11.40	23.91	31.45
Sodomy/Oral Sex	3.77	5.05	0.00	6.33	1.26	6.33
Sexual Assault with Object	1.26	1.26	0.00	1.27	1.26	2.83
Fondling	26.39	22.72	21.51	26.59	30.20	36.21
Incest	2.51	0.00	0.00	0.00	0.00	0.31
Statutory Rape	11.31	0.00	10.12	6.33	7.55	12.13

Wisconsin Department of Justice (2020). Wisconsin Uniform Crime Reporting, Sex Offense Data. Data accessed from <https://www.doj.state.wi.us/dles/bjia/ucr-sex-offense-data> on April 24 and June 6, 2022.

Manitowoc Co. - Secondary Data Report

Child Abuse - Manitowoc County			
	2020	State 2020	
Child Protective Service (CPS) Reports per 1,000 Children	38.1	27.0	

Data accessed from <https://dcf.wisconsin.gov/files/cwportal/reports/pdf/can.pdf> on April 24, 2022.

Manitowoc Co. - Secondary Data Report

Sexually Transmitted Infections Rate per 100,000 - Manitowoc County					
	2018	2019	2020	State 2020	HP 2030 target
STD Rate per 100,000	353.0	435.0	330.0	638.0	
STI Incidence Rate per 100,000 by Race/Ethnicity					
White	256.0	314.0	216.0	253.0	
Black	7,524.0	10,188.0	2,875.0	3,356.0	
Hispanic	1,342.0	815.0	700.0	873.0	
Native American	673.0	0.0		574.0	
Asian	381.0	544.0		241.0	
STI Incidence Rate per 100,000 by Sex					
Male	246.0	300.0	206.0	491.0	
Female	461.0	570.0	451.0	780.0	

Note: Information for STI Incidence includes data on chlamydia, gonorrhea, and syphilis, not all existing STIs.

Data accessed from <https://www.dhs.wisconsin.gov/publications/p00415-2020.pdf>,
<https://www.dhs.wisconsin.gov/publications/p00415b-2020-manitowoc.pdf>,
<https://www.dhs.wisconsin.gov/publications/p00415b-2019-manitowoc.pdf>, and
<https://www.dhs.wisconsin.gov/publications/p00415b-2018-manitowoc.pdf> on April 24, 2022.

Manitowoc Co. - Secondary Data Report

HIV Incidence per 100,000 - Manitowoc County				
	2014-2018	2019	State 2019	HP 2030 target
HIV Incidence Rate	0.5	1.2	3.7	
HIV Incidence per 100,000 by Race/Ethnicity				
White			1.4	
Black/African American			25.1	
Hispanic			8.2	
American Indian				
Asian/Pacific Islander				
Multi-racial or unknown				
HIV Incidence per 100,000 by Current Gender				
Male			5.8	
Female			1.5	

Data from <https://www.dhs.wisconsin.gov/hiv/county-data.htm>,
<https://www.dhs.wisconsin.gov/publications/p0/p00766.pdf>, and
<https://www.dhs.wisconsin.gov/publications/p0/p00766-Manitowoc.pdf> accessed April 28, 2022.

Manitowoc Co. - Secondary Data Report

Cancer Incidence Age-Adjusted Rate per 100,000 - Manitowoc County				
	2014-2018	State 2018	HP 2030 target	
Cancer Incidence Rate	486.8	456.7		
Cancer Incidence Age-Adjusted Rate per 100,000 by Race/Ethnicity				
White		450.6		
African American		567.4		
Hispanic		365.5		
American Indian/Alaska Native		485.8		
Asian/Pacific Islander		292.7		
Cancer Incidence Age-Adjusted Rate per 100,000 by Sex				
Male	544.2	496.0		
Female	442.6	428.9		

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/>. Cancer Module, accessed April 28, 2022.

Manitowoc Co. - Secondary Data Report

Cancer Incidence Age-Adjusted Rate per 100,000 - Manitowoc County					
		2014-2018		State 2018	
		Male	Female	Male	Female
Cancer Incidence Age-Adjusted Rate per 100,000					
	Female Breast		135.9		135.9
	Cervical (Cervix Uteri)		5.4		6.0
	Colorectal	42.6	31.1	39.0	31.0
	Lung and Bronchus	69.9	55.0	61.6	52.5
	Prostate	112.4		117.3	
Cancer Mortality Age-Adjusted Rate per 100,000					
		2015-2019		State 2019	
		Male	Female	Male	Female
	Female Breast		21.4		17.6
	Cervical (Cervix Uteri)				1.6
	Colorectal	14.2		13.7	10.3
	Lung and Bronchus	47.4	39.1	39.5	30.8
	Prostate	22.6		20.7	

Wisconsin Dept. of Health Services, Division of Public Health, Office of Health Informatics. Wisconsin Interactive Statistics on Health (WISH) data query system, Cancer Module, <http://dhs.wisconsin.gov/wish/>, accessed April 28, 2022.

Manitowoc Co.- Secondary Data

Cerebrovascular Disease - Manitowoc County						
	2016	2017	2018	2019	2020	State 2020
Total Number of Deaths due to Cerebrovascular Diseases	44	44	46	48	49	2,827
Cerebrovascular Disease Death Rate per 100,000 Residents	54.4	54.5	57.3	59.5	60.7	48.4

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 April 26 and June 6, 2022.

Manitowoc Co. - Secondary Data Report

Behavioral Risk Factor Survey - Manitowoc County			
	Manitowoc Co.	State 2020	Healthy People 2030 target
Age-adjusted percent of adults reporting they are heavy drinkers	20.2% (2015)	10.6%	
Age-adjusted percent of adults reporting they have ever been tested for HIV	24.1% (2012)	31.3%	

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/>, Behavioral Risk Factor Survey Module, accessed April 26, 2022.

Manitowoc Co. - Secondary Data Report

COVID-19 Cases and Deaths		
	Manitowoc Co. March 30, 2022	State April 29, 2022
Total Number of Probable and Confirmed Cases	20,373	1,610,601
Percent of residents who have received at least one vaccine dose	60.6%	64.3%
Percent of residents who have completed the vaccine series	58.4%	61.0%
Total Number of Probable and Confirmed Deaths	187	14,413

Wisconsin Dept. of Health Services, Division of Public Health, Office of Health Informatics.
<https://www.dhs.wisconsin.gov/covid-19/data.htm#summary>. Manitowoc County COVID-19 Update.
<https://manitowocountywi.gov/departments/health-department/covid-19-information/> Accessed April 30, 2022.

The 2022 Rankings include deaths attributable to COVID-19 from 2020. See our FAQs for more information on COVID-specific data.

Manitowoc (MA) 2022 Rankings

Download Wisconsin Rankings Data

County Demographics

	County	State
Population	78,757	5,832,655
% below 18 years of age	20.3%	21.6%
% 65 and older	21.9%	18.0%
% Non-Hispanic Black	1.0%	6.4%
% American Indian & Alaska Native	0.8%	1.2%
% Asian	3.0%	3.1%
% Native Hawaiian/Other Pacific Islander	0.1%	0.1%
% Hispanic	4.7%	7.3%
% Non-Hispanic White	89.4%	80.5%
% not proficient in English **	1%	1%
% Females	50.0%	50.2%
% Rural	38.9%	29.8%

	County	Error Margin	Top U.S. Performers ^	Wisconsin
Health Outcomes				
Length of Life				
Premature death	7,000	6,300-7,700	5,600	6,600
Quality of Life				
Poor or fair health **	15%	13-17%	15%	15%
Poor physical health days **	3.6	3.4-3.9	3.4	3.6
Poor mental health days **	4.4	4.1-4.7	4.0	4.4
Low birthweight	8%	7-9%	6%	8%
Additional Health Outcomes (not included in overall ranking)				
COVID-19 age-adjusted mortality **	44	33-57	43	70
Life expectancy	78.6	78.0-79.2	80.6	78.9
Premature age-adjusted mortality	340	320-360	290	320
Child mortality	50	40-70	40	50
Infant mortality	5	3-7	4	6
Frequent physical distress **	11%	10-12%	10%	11%
Frequent mental distress **	14%	13-15%	13%	13%
Diabetes prevalence **	8%	7-9%	8%	7%
HIV prevalence	59		38	132
Health Factors				
Health Behaviors				
Adult smoking **	18%	16-21%	15%	16%
Adult obesity **	33%	31-34%	30%	34%
Food environment index	8.4		8.8	8.7
Physical inactivity **	27%	24-29%	23%	22%
Access to exercise opportunities	57%		86%	78%

Excessive drinking **	27%	26-28%	15%	25%
Alcohol-impaired driving deaths	33%	25-41%	10%	36%
Sexually transmitted infections	338.1		161.8	499.4
Teen births	17	15-19	11	14

Additional Health Behaviors (not included in overall ranking)

Food insecurity	9%		9%	9%
Limited access to healthy foods	7%		2%	5%
Drug overdose deaths	19	14-25	11	22
Motor vehicle crash deaths	11	8-14	9	10
Insufficient sleep **	33%	32-35%	32%	33%

Clinical Care

Uninsured	7%	6-7%	6%	7%
Primary care physicians	2,030:1		1,010:1	1,260:1
Dentists	1,610:1		1,210:1	1,390:1
Mental health providers	920:1		250:1	440:1
Preventable hospital stays	2,953		2,233	3,260
Mammography screening	51%		52%	49%
Flu vaccinations	56%		55%	53%

Additional Clinical Care (not included in overall ranking)

Uninsured adults	7%	6-9%	7%	8%
Uninsured children	4%	3-6%	3%	4%
Other primary care providers	1,210:1		580:1	750:1

Social & Economic Factors

High school completion	93%	92-94%	94%	93%
Some college	66%	62-70%	74%	70%
Unemployment	6.2%		4.0%	6.3%
Children in poverty	10%	6-14%	9%	12%
Income inequality	3.8	3.6-4.1	3.7	4.2
Children in single-parent households	20%	16-23%	14%	23%
Social associations	9.4		18.1	11.4
Violent crime	188		63	298
Injury deaths	85	76-94	61	89

Additional Social & Economic Factors (not included in overall ranking)

High school graduation	92%		96%	90%
Disconnected youth	4%	1-6%	4%	5%
Reading scores	3.0		3.3	3.0
Math scores	3.0		3.4	3.0
School segregation	0.09		0.02	0.28
School funding adequacy	\$2,543			\$2,509
Gender pay gap	0.79	0.76-0.82	0.88	0.80
Median household income	\$62,700	\$56,500 to \$69,000	\$75,100	\$64,900
Living wage **	\$35.26			\$39.10
Children eligible for free or reduced price lunch	34%		32%	40%
Residential segregation - Black/white	78		27	77
Residential segregation - non-white/white	40		16	54
Childcare cost burden **	23%		18%	26%
Childcare centers **	5		12	6
Homicides	3	2-4	2	4
Suicides	17	13-21	11	15
Firearm fatalities	12	9-16	8	11
Juvenile arrests	24			

Physical Environment

Air pollution - particulate matter	7.3		5.9	7.5
Drinking water violations	No			
Severe housing problems	10%	9-11%	9%	14%
Driving alone to work	83%	82-85%	72%	80%
Long commute - driving alone	21%	20-23%	16%	28%

Additional Physical Environment (not included in overall ranking)

Traffic volume	243			597
Homeownership	76%	75-77%	81%	67%
Severe housing cost burden	8%	6-9%	7%	11%
Broadband access	83%	82-84%	88%	85%

^ 10th/90th percentile, i.e., only 10% are better.

** Data should not be compared with prior years

Note: Blank values reflect unreliable or missing data