



UNIVERSITY OF WISCONSIN

POPULATION HEALTH INSTITUTE

Translating Research into Policy and Practice

2005 Wisconsin County Health Rankings Full Report

Peter M. Vila, BS

Daniel C. Zank, BS

Angela M. Kempf, MA

Bridget C. Booske, PhD

Melissa C. Boeke, BS

Patrick L. Remington, MD, MPH

June 2006

Revised March 13, 2007

**Wisconsin County Health Rankings
2005**

**socioeconomic • environment • health care
mortality • health status • behaviors**

University of Wisconsin Population Health Institute
Department of Population Health Sciences
University of Wisconsin Medical School

The logo for the University of Wisconsin Population Health Institute features a stylized red building icon.

The logo for the University of Wisconsin Medical School features a circular seal with a caduceus and the text "THE UNIVERSITY OF WISCONSIN MEDICAL SCHOOL".

Suggested citation: Vila PM, Zank DC, Kempf AM, Booske BC, Boeke MC, Remington PL. 2005 Wisconsin County Health Rankings Full Report. University of Wisconsin Population Health Institute. 2006.

2005 Wisconsin County Health Rankings Full Report

TABLE OF CONTENTS

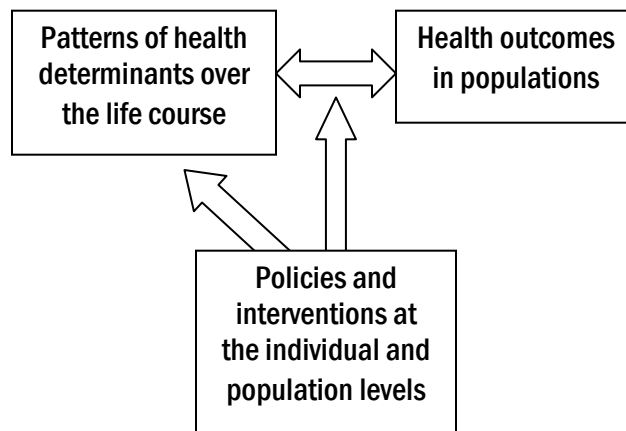
INTRODUCTION.....	4
METHODS.....	6
SELECTION OF POPULATION HEALTH MEASURES	6
RANKING METHODOLOGY.....	6
DATA SOURCES.....	7
<i>BRFSS.....</i>	<i>8</i>
<i>CDC.....</i>	<i>8</i>
<i>Census.....</i>	<i>8</i>
<i>DHFS.....</i>	<i>8</i>
<i>DNR.....</i>	<i>8</i>
<i>DPI.....</i>	<i>8</i>
<i>EPA.....</i>	<i>8</i>
<i>FHS.....</i>	<i>9</i>
<i>Metastar.....</i>	<i>9</i>
<i>OJA.....</i>	<i>9</i>
<i>WISH.....</i>	<i>9</i>
MEASURES USED IN THE RANKINGS	10
<i>MORTALITY: YEARS OF POTENTIAL LIFE LOST.....</i>	<i>10</i>
<i>MORBIDITY: SELF-REPORTED HEALTH STATUS.....</i>	<i>12</i>
<i>NO HEALTH INSURANCE.....</i>	<i>14</i>
<i>DID NOT RECEIVE NEEDED CARE.....</i>	<i>16</i>
<i>NO RECENT DENTIST VISIT.....</i>	<i>18</i>
<i>PNEUMOCOCCAL VACCINATIONS.....</i>	<i>20</i>
<i>INFLUENZA VACCINATIONS.....</i>	<i>22</i>
<i>DIABETIC EYE EXAMS.....</i>	<i>24</i>
<i>DIABETIC LIPID PROFILE.....</i>	<i>26</i>
<i>DIABETIC HBA1C TESTING.....</i>	<i>28</i>
<i>BIENNIAL MAMMOGRAPHY.....</i>	<i>30</i>
<i>CIGARETTE SMOKING.....</i>	<i>32</i>
<i>SMOKING DURING PREGNANCY.....</i>	<i>34</i>
<i>PHYSICAL INACTIVITY.....</i>	<i>36</i>
<i>OVERWEIGHT.....</i>	<i>38</i>
<i>OBESITY.....</i>	<i>40</i>
<i>LOW FRUIT AND VEGETABLE CONSUMPTION.....</i>	<i>42</i>
<i>BINGE DRINKING.....</i>	<i>44</i>
<i>TEEN BIRTH RATE.....</i>	<i>46</i>
<i>SEXUALLY TRANSMITTED DISEASE.....</i>	<i>48</i>
<i>VIOLENT CRIME.....</i>	<i>50</i>
<i>MOTOR VEHICLE CRASH DEATHS.....</i>	<i>52</i>
<i>HIGH SCHOOL GRADUATION RATE.....</i>	<i>54</i>
<i>LEVEL OF EDUCATION.....</i>	<i>56</i>
<i>INCOME/HOUSEHOLD POVERTY RATIO.....</i>	<i>58</i>
<i>PERCENT DIVORCED.....</i>	<i>60</i>
<i>AIR QUALITY CANCER RISK.....</i>	<i>62</i>
<i>AIR QUALITY HAZARD INDEX.....</i>	<i>64</i>
<i>FINE PARTICULATE MATTER IN AIR.....</i>	<i>66</i>
<i>OZONE LEVEL.....</i>	<i>68</i>
<i>NITRATE LEVELS IN WATER > 2.....</i>	<i>70</i>
<i>NITRATE LEVELS IN WATER > 10.....</i>	<i>72</i>
<i>PRE-1950 HOUSING.....</i>	<i>74</i>
<i>LEAD POISONED CHILDREN.....</i>	<i>76</i>
RESULTS	78
STATEWIDE FINDINGS.....	78
COUNTY SNAPSHOTS	81

INTRODUCTION

This report is a companion to the 2005 Wisconsin County Health Rankings, an annual publication intended to summarize the current health of each county's population and the current distribution of key factors that determine future health. The Rankings are a vital part of our mission to stimulate, create, and communicate useful public health and health policy research and analysis. This report is meant to be a comprehensive report intended to supplement the 2005 Rankings by explaining in detail where the data is collected, how each measure is defined, and what methods go into ranking the health of Wisconsin counties.

The University of Wisconsin Population Health Institute recognizes that creating rankings of counties is controversial, as counties represent varying populations, environments, and resources. Each individual group has particular strengths, weaknesses, and public health challenges. We hope that our efforts to summarize and communicate this information to a broad audience will add value to Wisconsin's public health and health policy discussions. In addition, it is our hope that the Wisconsin County Health Rankings will provide an opportunity for every county to identify an area of potential health improvement and aid in drawing additional resources to the amelioration of weaknesses.

Through the ranking of Wisconsin's counties, high performers in each area are identified. Strong performers are intended to serve as role models for lower ranked counties and provide insight in program planning and refinement. However, it remains important for every county to consider the unique challenges presented by its population in program implementation.



The 2005 Wisconsin County Health Rankings is based upon the preceding model of population health improvement. This model shows that health outcomes in a population are the result of a set of health determinants and the distribution of these determinants across the population. These determining factors may be positively or negatively affected by interventions or policies that alter their distribution in the community. Thus, public health leaders have the ability to improve the health of their communities through the implementation of effective policies.

Health outcomes in populations are often reported in terms of mortality statistics such as life expectancy and years of potential life lost, since these statistics are relatively easy to track. However, models of individual and population health do not merely include measures of longevity, but also quality of life. For this reason, we have created an outcomes component that equally weights the number and the quality of life years.

It would be impossible to include all of the determinants of a population's health in the Wisconsin County Health Rankings. Instead, we have selected a finite number of population health determinants for inclusion in this component. This selection was based upon the health priorities of the Wisconsin state health plan, scientific relevance, importance, and availability of data at the county level.

The Wisconsin County Health Rankings rank Wisconsin counties according to their summary measures of health outcomes and health determinants as well as by individual components of outcomes and determinants. Counties receive a rank for each population health component. Counties having high rankings (e.g., 1 or 2) are estimated to be the "healthiest."

Overall summary health outcomes rankings are based on an equal weighting of two measures: mortality and general health status. Health determinants are based on weighted scores of four major components:

1. **Health Care** – includes measures of access and whether people are receiving recommended treatment
2. **Health Behaviors** – composed of measures that reflect healthy lifestyles and personal health-related decisions
3. **Socioeconomic Factors** – measures include proxies known to be associated with socioeconomic status
4. **Physical environment** – components include measures of environmental quality and pollution

The weights for each measure are based upon a review of the literature regarding how these measures combine. Each of these four health determinant components is based, in turn, on multiple population health measures.

Estimates for health measures were calculated from the most recently available data. For many measures, an average of several years of recent data was used to obtain more stable estimates. However, estimates of county health are not measured perfectly and minor differences in the rankings among counties should be interpreted cautiously. For example, the data used for these rankings are not precise enough to indicate that a county ranked 40th is meaningfully healthier than a county ranked 45th.

METHODS

Selection of Population Health Measures

We focus on two categories of health measures—health outcomes and health determinants. Outcomes are intended to measure the current state of health in a county, while determinants are viewed as predictors of future health outcomes. 29 measures of health outcomes and determinants were selected using the following criteria:

- the measure is a direct or proxy measure of an important aspect of population health
- the data are reasonably valid
- the data are publicly available
- the data are available at the county level
- the data are current and updated periodically

Health Outcomes: two components were used to represent health outcomes: mortality and health status while alive. Death and health status are each assessed with a single measure (years of potential life lost and self-reported health status). While much more specific health outcomes could be included here, these two address both length and quality of life.

Health Determinants: the selection of determinant measures was largely guided by the Wisconsin state health plan priorities. However, we do not include measures that represent specific diseases. We divided the 27 health determinant measures into four major components: health care, health behaviors, socioeconomic factors related to health, and the physical environment. Each of these four major components is comprised of multiple health measures.

Ranking Methodology

Each of the 2 health outcomes measures and 27 health determinants measures were estimated for each county. The mean and standard deviation of each of the health measures were calculated across the 72 counties, and counties were then given a Z-score for each measure. The Z-score is the number of standard deviation units that a county is from the mean of all the counties. To avoid a county's rank being strongly influenced by one extreme component score, we truncated the score at (-3.0) or (3.0) if the actual score fell outside of this range. Weighted averages of the truncated scores were used to calculate the overall summary outcomes and determinants rankings and the rankings for the four major categories of determinants, in accordance with the weights given in the following table (See Table 1). If ties occur in a particular measure, then the same rank is given to the counties that are tied; for example, if the top two counties are tied, these two counties would each be given a rank of one, while the third county would be given a rank of three.

Data Sources

Table 1: Overview of Data Used in the Rankings

Measure	Percent of Total Score	Data Source	Years of Data Used
HEALTH OUTCOMES			
Mortality	50	CDC	1999-2002
General Health Status	50	BRFSS, FHS	1997-2004
HEALTH DETERMINANTS			
HEALTH CARE			
No Health Insurance	1.67	FHS	1997-2003
Did Not Receive Needed Care	1.67	FHS	1997-2003
No Recent Dentist Visit	1.67	FHS	1997-2003
Pneumococcal Vaccinations	0.83	Metastar	1991-2001
Influenza Vaccinations	0.83	Metastar	2003
Diabetic Eye Exams	0.83	Metastar	2002-2004
Diabetic Lipid Profile	0.83	Metastar	2002-2004
Diabetic HbA1c Testing	0.83	Metastar	2003-2004
Biennial Mammography	0.83	Metastar	2002-2004
HEALTH BEHAVIORS			
Cigarette Smoking	6	BRFSS	1998-2004
Smoking During Pregnancy	6	WISH	2000-2003
Physical Inactivity	4	BRFSS	1998, 2000, 2003
Overweight	3	BRFSS	1998-2004
Obesity	3	BRFSS	1998-2004
Low Fruit and Vegetable Consumption	3	BRFSS	1998, 2000-2004
Binge Drinking	10	BRFSS	1998-2004
Teen Birth Rate	1	WISH	2000-2003
Sexually Transmitted Disease	1	DHFS	2001-2004
Violent Crime	1.5	OJA	2000-2003
Motor Vehicle Crash Deaths	1.5	WISH	2000-2003
SOCIOECONOMIC FACTORS			
High School Graduation Rate	6.7	DPI	2002-2003
Level of Education	6.7	Census	2000
Income/Poverty Ratio	13.3	Census	2000
Percent Divorced	13.3	Census	2000
PHYSICAL ENVIRONMENT			
Air Quality Cancer Risk	0.83	EPA	1996
Air Quality Hazard Index	0.83	EPA	1996
Fine Particulate Matter in Air	0.83	DNR	2000-2003
Ozone Level	0.83	DNR	2001-2003
Nitrate Levels in Water > 2	1.67	DNR	2004
Nitrate Levels in Water > 10	1.67	DNR	2004
Pre-1950 Housing	1.67	Census	2000
Lead Poisoned Children	1.67	DHFS	2004

BRFSS

The Behavioral Risk Factor Surveillance System (BRFSS) is a national random digit dial (RDD) telephone survey. Data obtained from the BRFSS are representative of the total non-institutionalized Wisconsin population over 18 years of age living in households with a land line telephone. The data are age-adjusted and weighted by population. For the Wisconsin County Health Rankings, data from the BRFSS are used to measure various health behaviors and quality of life.

CDC

The Centers for Disease Control and Prevention (CDC) compiles a public health database called Wide-ranging Online Data for Epidemiologic Research (WONDER), which provides access to an enormous amount of public health data. For the Wisconsin County Health Rankings, CDC WONDER data are used to obtain mortality data based on death certificates. CDC WONDER can be accessed online at www.wonder.cdc.gov.

Census

The U.S. Census Bureau decennially takes a census of the entire United States every 10 years, as mandated by the U.S. Constitution. While mainly used for apportionment of the representatives for the U.S. House of Representatives, the census has evolved to serve many other purposes, including population-based research. For the Wisconsin County Health Rankings, census data are used to obtain measures of socioeconomic factors and housing. Census data are available online at www.census.gov.

DHFS

The Wisconsin Department of Health and Family Services (DHFS) is the state department that is responsible for, among other things, public health in Wisconsin. Organized into five divisions including the Division of Public Health, the Department collects a wealth of data. For the Wisconsin County Health Rankings, DHFS data is used to obtain rates of sexually transmitted disease from the Bureau of Health Information and Policy, Division of Public Health. The DHFS website containing data on sexually transmitted disease in Wisconsin is available at dhfs.wisconsin.gov/communicable/std/index.htm.

DNR

The Wisconsin Department of Natural Resources (DNR) is the state department committed to the preservation, protection, effective management, and maintenance of the natural resources in Wisconsin. The Department collects environmental data on Wisconsin, and these data are used in the Wisconsin County Health Rankings to provide measures of the physical environment. The data can be accessed at www.dnr.state.wi.us/org/water/dwg.

DPI

The Wisconsin Department of Public Instruction (DPI) is responsible for compiling the Wisconsin School Health Report (SPR), which serves as a resource for school performance and student achievement in Wisconsin. For the Wisconsin County Health Rankings, SPR data are used to obtain the high school graduation rates in Wisconsin counties.

EPA

The United States Environmental Protection Agency (EPA) undertook a large project in 1996 to map out air toxics across the United States, calling it the National Air Toxics Assessment (NATA). Based on this data, the EPA used statistical models to create estimates of the risk of disease based on toxic emissions. These data are available online at www.epa.gov/ttn/atw/nata/natsa4.html#data.

FHS

The Wisconsin Family Health Survey (FHS) is an annual survey carried out by the Wisconsin Department of Health and Family Services (DHFS), Division of Public Health, Bureau of Health Information and Policy. Conducted at the University of Wisconsin Survey Center, this survey is meant to assess health status, health-related activity limitations, chronic conditions, and health services utilization. Although statewide results are available online at dhfs.wisconsin.gov/stats/familyhealthsurvey.htm, county-level data is purchased directly from DHFS for use in the Wisconsin County Health Rankings to obtain several measures of health care access.

Metastar

Metastar is a private quality improvement organization that collects data in various areas of health care quality, obtained from the Centers for Medicare and Medicaid Services (CMS). The CMS data used for the Wisconsin County Health Rankings is purchased from Metastar to obtain measures of health care quality.

OJA

The Wisconsin Office of Justice Assistance (OJA) is the state agency for federal justice and homeland security grants, and administers these funds across the state to reduce crime and prepare and respond to terrorism, among other things. The OJA annually publishes the Crime and Arrests Reports, and these data are used in the Wisconsin County Health Rankings to obtain measures of violent crime.

WISH

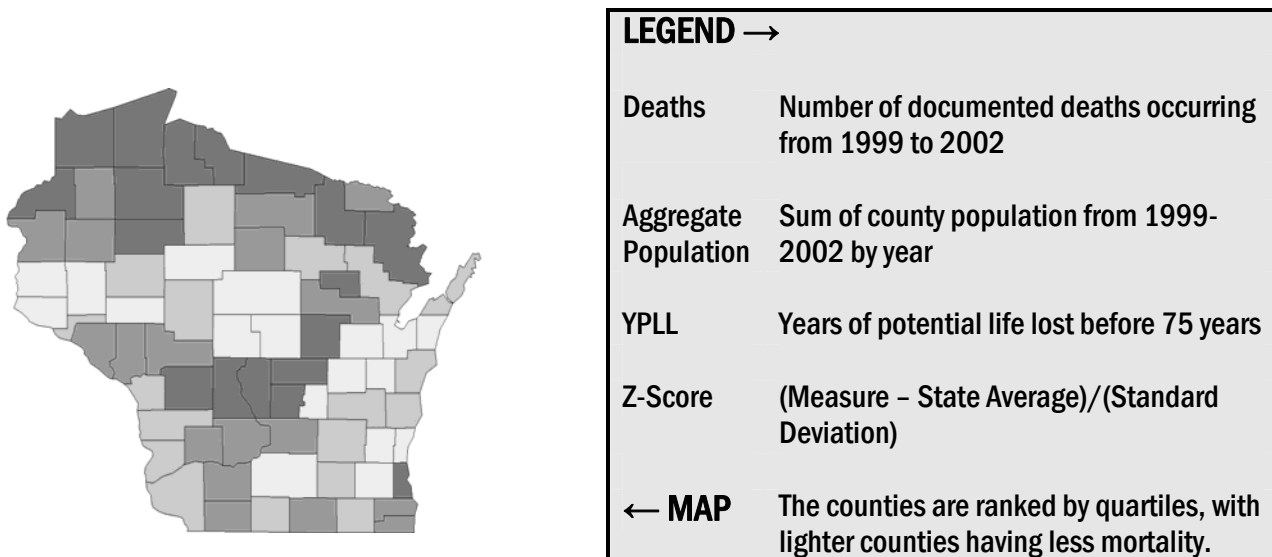
The Wisconsin Interactive Statistics on Health (WISH) database is prepared and maintained by the Department of Health and Family Services (DHFS), Division of Public Health, Bureau of Health Information and Policy. WISH reports many different public health indicators, and is used in the Wisconsin County Health Rankings to obtain various measures of health behaviors.

Measures Used in the Rankings

MORTALITY: YEARS OF POTENTIAL LIFE LOST

What it is:	Years of Potential Life Lost (YPLL) is a measure of premature mortality in a county. Every death occurring before the age of 75 contributes to the total number of years of potential life lost. For example, a person dying at age 50 would contribute 25 years of life to the YPLL index. The YPLL is age-adjusted to the 2000 U.S. population to allow comparison between counties, and reported as a rate per 100,000 people. Three-year averages are used to create a more robust estimate of mortality in counties with a smaller population.
Where it comes from:	Death counts are obtained from the Centers for Disease Control and Prevention (CDC) WONDER Database, using the mortality (underlying cause of death) data query to obtain the data. Death counts are based on death certificates.
Why it is included:	Tracking the distribution of mortality allows one to target resources to high risk areas, and investigate further into the causes of death.
Years of data used:	1999-2002
Weight in Health Outcomes:	50%
Range of Measure in Wisconsin Counties (Minimum, Maximum):	4,231, 14,855 YPLL per 100,000
Measure in Wisconsin:*	6,359 YPLL per 100,000
Summary Measure:	Health Outcomes

*In 2005, this measure was calculated as the mean of the 72 counties, and not as the actual measure for Wisconsin

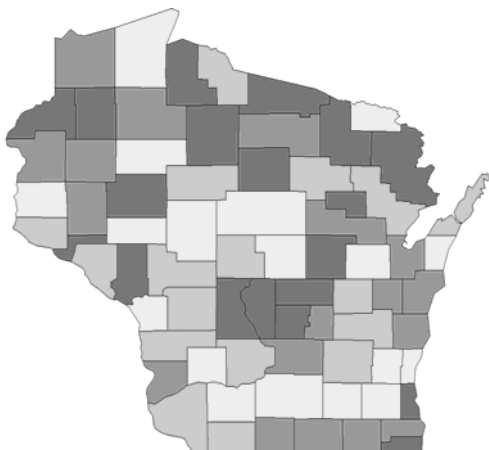


County Name	Deaths	Aggregate Population	YPLL	Z-Score	Rank
Adams	440	71,657	7,609	0.70	61
Ashland	288	61,525	7,090	0.35	55
Barron	662	165,263	6,324	-0.16	38
Bayfield	276	55,643	7,233	0.45	57
Brown	2,461	864,880	5,668	-0.60	18
Buffalo	217	50,828	6,777	0.14	48
Burnett	329	57,721	8,764	1.47	69
Calumet	374	156,495	4,231	-1.55	1
Chippewa	733	206,025	6,022	-0.36	25
Clark	394	123,368	6,267	-0.20	36
Columbia	743	195,849	6,952	0.26	51
Crawford	265	62,925	6,069	-0.33	28
Dane	4,180	1,648,232	5,338	-0.81	12
Dodge	1,153	319,868	6,252	-0.21	34
Door	428	101,903	6,264	-0.20	35
Douglas	678	160,556	7,130	0.38	56
Dunn	413	151,509	5,626	-0.62	17
Eau Claire	928	349,686	4,791	-1.18	4
Florence	80	18,650	6,625	0.04	44
Fond du Lac	1,228	360,810	5,722	-0.56	20
Forest	186	36,373	9,284	1.81	70
Grant	659	182,875	6,200	-0.24	32
Green	436	124,749	6,144	-0.28	29
Green Lake	294	69,360	5,600	-0.64	16
Iowa	296	85,641	6,279	-0.19	37
Iron	128	24,162	8,457	1.26	67
Jackson	285	70,964	6,973	0.27	52
Jefferson	977	282,180	6,031	-0.35	26
Juneau	469	90,109	8,311	1.17	66
Kenosha	2,073	570,175	6,935	0.25	50
Kewaunee	248	74,584	5,234	-0.88	10
La Crosse	1313	401855	5,934	-0.42	23
Lafayette	219	59812	6,353	-0.14	39
Langlade	311	75146	6,184	-0.25	30
Lincoln	474	109,030	6,661	0.07	46
Manitowoc	1,131	304,336	6,057	-0.34	27
Marathon	1,415	471,031	5,460	-0.73	14
Marinette	751	157,799	7,385	0.55	58
Marquette	307	55,926	8,030	0.98	64
Menominee	108	17,849	1,4855	3.00	72
Milwaukee	15,229	3,507,487	8,692	1.42	68
Monroe	639	152,736	7,574	0.67	60
Oconto	537	133,406	6,185	-0.25	31
Oneida	614	135,162	6,378	-0.12	40
Outagamie	1,693	615,214	5,240	-0.88	11
Ozaukee	935	312,056	4,498	-1.37	3
Pepin	86	26,449	6,018	-0.36	24
Pierce	369	140,845	5,039	-1.01	6
Polk	595	154,427	7,010	0.30	53
Portage	707	253,933	5,202	-0.91	9
Price	240	56,517	5,687	-0.58	19
Racine	2,666	712,143	7,059	0.33	54
Richland	236	65,315	6,425	-0.09	42
Rock	2,233	574,165	6,841	0.19	49
Rusk	261	55,587	7,812	0.83	62
Sauk	741	204,889	6,607	0.03	43
Sawyer	354	60,126	9,452	1.93	71
Shawano	638	148,939	6,734	0.11	47
Sheboygan	1,424	418,561	5,848	-0.48	22
St. Croix	660	246,880	5,161	-0.93	8
Taylor	249	72,365	5,467	-0.73	15
Trempealeau	388	98,362	6,400	-0.11	41
Vernon	398	102,857	6,232	-0.22	33
Vilas	408	76,527	7,959	0.93	63
Walworth	1,162	351,252	5,799	-0.51	21
Washburn	264	58,862	6,645	0.06	45
Washington	1,259	448,429	5,007	-1.04	5
Waukesha	3,874	1,372,752	4,247	-1.54	2
Waupaca	871	189,090	7,506	0.63	59
Waushara	442	84,944	8,056	1.00	65
Winnebago	1,804	589,340	5,401	-0.77	13
Wood	876	277,241	5,119	-0.96	7

MORBIDITY: SELF-REPORTED HEALTH STATUS

What it is:	Self-Reported Health Status is a measure of morbidity in a population. This measure is based on answers to the question, "In general, would you say that your health is excellent, very good, good, fair, or poor?" The percentage reported in the Rankings is the percentage of people reporting fair or poor health. This measure is age-adjusted to the 2000 U.S. population.
Where it comes from:	These data are obtained from the Behavioral Risk Factor Surveillance System (BRFSS), a national random digit dial telephone survey, and the Family Health Survey (FHS). BRFSS data are representative of the total non-institutionalized Wisconsin population over 18 years of age living in households with a land-line telephone. The data are age-adjusted and weighted by population. FHS data are combined with the BRFSS data to increase sample size for small counties.
Why it is included:	People reporting fair or poor health give a robust estimate of the general health status, or morbidity, of a population.
Years of data used:	1998-2004 (BRFSS), 1997-2003 (FHS)
Weight in Health Outcomes:	50%
Range of Measure in Wisconsin Counties (Minimum, Maximum):	7.9%, 18.8%
Measure in Wisconsin:*	12.1%
Summary Measure:	Health Outcomes

*In 2005, this measure was calculated as the mean of the 72 counties, and not as the actual measure for Wisconsin



LEGEND →

Sample Size Number of respondents on the BRFSS

% Fair/Poor See above

95% CI 95% confidence interval, calculated as $1.96 * \sqrt{\frac{p(1-p)}{n}}$, where p is the prevalence and n is the sample size.

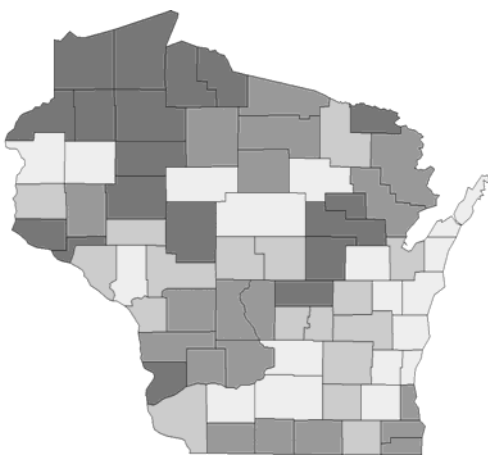
Z-Score (Measure - State Average)/(Standard Deviation)

← **MAP** The counties are ranked by quartiles, with lighter counties being healthier.

County Name	Sample Size	% Fair/Poor	95% CI	Z-Score	Rank
Adams	265	18.8	14.0, 23.6	2.35	71
Ashland	206	15.4	10.3, 20.4	1.06	62
Barron	501	13.2	10.1, 16.2	0.23	45
Bayfield	218	8.6	4.8, 12.5	-1.48	5
Brown	2,429	12.2	10.9, 13.6	-0.12	37
Buffalo	163	11.9	6.8, 17.0	-0.27	30
Burnett	177	16.4	10.9, 22.0	1.47	66
Calumet	431	14.1	10.7, 17.4	0.58	53
Chippewa	614	14.4	11.6, 17.2	0.70	54
Clark	358	10.0	6.8, 13.2	-0.97	13
Columbia	579	13.6	10.7, 16.4	0.38	50
Crawford	204	12.3	7.7, 16.9	-0.09	38
Dane	4,508	9.8	8.9, 10.7	-1.04	12
Dodge	883	12.1	9.9, 14.2	-0.19	34
Door	344	10.7	7.3, 14.0	-0.71	20
Douglas	457	13.5	10.3, 16.7	0.35	48
Dunn	415	12.8	9.5, 16.1	0.10	43
Eau Claire	877	8.2	6.4, 10.1	-1.64	2
Florence	58	8.9	1.4, 16.3	-1.40	6
Fond du Lac	1,116	11.9	10.0, 13.9	-0.24	31
Forest	120	18.8	11.7, 26.0	2.38	72
Grant	509	11.8	8.9, 14.7	-0.29	29
Green	393	12.5	9.2, 15.9	-0.01	40
Green Lake	253	13.2	8.9, 17.5	0.24	46
Iowa	229	8.4	4.7, 12.0	-1.59	4
Iron	97	10.9	4.6, 17.3	-0.61	22
Jackson	179	10.7	6.0, 15.3	-0.72	19
Jefferson	716	10.6	8.3, 12.9	-0.73	17
Juneau	269	17.1	12.5, 21.7	1.74	68
Kenosha	1,133	14.7	12.6, 16.8	0.81	57
Kewaunee	248	9.6	5.9, 13.3	-1.11	11
La Crosse	1,161	10.5	8.7, 12.3	-0.77	16
Lafayette	170	11.0	6.2, 15.8	-0.57	23
Langlade	235	12.1	7.8, 16.3	-0.17	35
Lincoln	361	14.4	10.7, 18.1	0.71	55
Manitowoc	1,006	12.7	10.6, 14.8	0.07	42
Marathon	1,378	10.1	8.4, 11.7	-0.94	14
Marinette	538	16.1	13.0, 19.3	1.35	65
Marquette	206	15.5	10.4, 20.5	1.11	63
Menominee	50	18.2	5.2, 31.3	2.15	70
Milwaukee	14,084	14.9	14.3, 15.5	0.90	60
Monroe	440	11.9	8.8, 15.0	-0.24	32
Oconto	463	11.7	8.7, 14.7	-0.32	26
Oneida	442	14.0	10.7, 17.3	0.54	51
Outagamie	1,715	9.4	7.9, 10.8	-1.21	10
Ozaukee	701	7.9	5.9, 10.0	-1.75	1
Pepin	82	14.9	7.0, 22.7	0.87	59
Pierce	346	11.8	8.3, 15.3	-0.29	28
Polk	434	12.2	9.1, 15.3	-0.13	36
Portage	742	9.2	7.1, 11.4	-1.26	8
Price	200	15.7	10.5, 20.8	1.18	64
Racine	1,641	13.4	11.7, 15.1	0.33	47
Richland	195	10.2	5.9, 14.6	-0.88	15
Rock	1,481	13.1	11.3, 14.8	0.20	44
Rusk	185	9.0	4.8, 13.2	-1.34	7
Sauk	562	10.8	8.2, 13.4	-0.67	21
Sawyer	169	14.0	8.7, 19.4	0.56	52
Shawano	443	13.5	10.3, 16.8	0.37	49
Sheboygan	1,306	12.5	10.6, 14.3	-0.03	39
St. Croix	673	9.3	7.0, 11.5	-1.25	9
Taylor	237	11.7	7.6, 15.9	-0.31	27
Trempealeau	342	14.5	10.7, 18.3	0.75	56
Vernon	273	11.3	7.5, 15.2	-0.46	24
Vilas	331	17.6	13.4, 21.8	1.92	69
Walworth	745	12.7	10.2, 15.1	0.05	41
Washburn	191	16.5	11.1, 21.9	1.50	67
Washington	933	10.6	8.6, 12.6	-0.73	18
Waukesha	2,914	8.3	7.3, 9.3	-1.61	3
Waupaca	585	15.1	12.2, 18.1	0.97	61
Waushara	350	14.8	11.0, 18.6	0.86	58
Winnebago	1,630	11.4	9.8, 13.0	-0.44	25
Wood	908	11.9	9.8, 14.1	-0.23	33

NO HEALTH INSURANCE

What it is:	No Health Insurance is the percentage of the population without health plan coverage of any kind, including prepaid plans, HMOs, or government plans such as Medicare or Medicaid, at the time of the survey.
Where it comes from:	This measure is based on data from the Family Health Survey, a statewide random-sample survey of household residents.
Why it is included:	Lack of health insurance is a strong barrier to health care access.
Years of data used:	1997-2003
Weight in Health Determinants:	1.67%
Range of Measure in Wisconsin Counties (Minimum, Maximum):	3.1%, 20.5%
Measure in Wisconsin:	6.4%
Summary Measure:	Health Determinants – Health Care

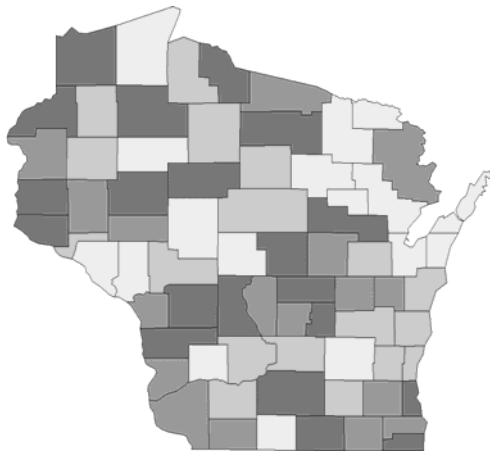


LEGEND →	
Sample Size	Number of respondents on the FHS
% Uninsured	See above
95% CI	95% confidence interval, calculated as $1.96 * \sqrt{\frac{p(1-p)}{n}}$, where p is the prevalence and n is the sample size.
Z-Score	(Measure – State Average)/(Standard Deviation)
← MAP	The counties are ranked by quartiles, with lighter counties having less uninsured.

County Name	Sample Size	% Uninsured	95% CI	Z-Score	Rank
Adams	201	7.3	3.7, 11.0	-0.06	43
Ashland	151	11.3	6.2, 16.5	1.14	65
Barron	436	4.5	2.6, 6.5	-0.90	12
Bayfield	166	10.9	6.0, 15.7	1.00	61
Brown	2,132	6.0	5.0, 7.0	-0.46	29
Buffalo	135	5.7	1.7, 9.7	-0.55	24
Burnett	150	14.2	8.5, 19.9	2.00	70
Calumet	375	3.6	1.7, 5.6	-1.18	8
Chippewa	479	10.7	7.9, 13.6	0.97	59
Clark	279	10.8	7.1, 14.5	0.98	60
Columbia	507	3.6	1.9, 5.2	-1.20	7
Crawford	177	11.6	6.8, 16.4	1.21	67
Dane	3,596	5.2	4.4, 5.9	-0.71	17
Dodge	729	6.3	4.5, 8.1	-0.38	34
Door	298	3.1	1.1, 5.1	-1.35	2
Douglas	391	10.6	7.5, 13.7	0.92	57
Dunn	345	9.9	6.7, 13.1	0.70	54
Eau Claire	725	5.7	4.0, 7.5	-0.55	26
Florence	50	11.4	2.4, 20.4	1.17	66
Fond du Lac	992	5.6	4.1, 7.0	-0.60	21
Forest	97	5.3	0.7, 9.8	-0.69	19
Grant	444	6.0	3.8, 8.3	-0.46	30
Green	354	7.4	4.6, 10.2	-0.03	44
Green Lake	232	5.3	2.4, 8.3	-0.67	20
Iowa	198	5.0	1.9, 8.1	-0.76	14
Iron	76	20.5	11.3, 29.8	3.00	72
Jackson	146	6.1	2.2, 10.1	-0.43	31
Jefferson	627	5.6	3.8, 7.4	-0.59	23
Juneau	230	9.6	5.7, 13.5	0.62	52
Kenosha	1,068	9.6	7.8, 11.4	0.61	51
Kewaunee	220	5.2	2.2, 8.2	-0.71	18
La Crosse	970	6.3	4.7, 7.8	-0.39	33
Lafayette	157	7.0	3.0, 11.1	-0.16	39
Langlade	187	3.8	1.0, 6.6	-1.13	10
Lincoln	295	6.9	3.9, 9.9	-0.19	38
Manitowoc	847	5.2	3.7, 6.7	-0.71	16
Marathon	1,159	5.1	3.8, 6.4	-0.74	15
Marinette	465	7.2	4.8, 9.6	-0.10	42
Marquette	195	5.8	2.4, 9.1	-0.54	27
Menominee	37	11.2	0.8, 21.5	1.09	64
Milwaukee	11,970	7.9	7.4, 8.4	0.11	45
Monroe	401	9.5	6.6, 12.4	0.59	50
Oconto	393	8.1	5.3, 10.8	0.16	46
Oneida	376	6.7	4.2, 9.3	-0.24	37
Outagamie	1,491	3.5	2.6, 4.5	-1.21	5
Ozaukee	589	3.9	2.3, 5.5	-1.09	11
Pepin	69	12.7	4.6, 20.7	1.54	69
Pierce	318	10.9	7.4, 14.4	1.02	62
Polk	341	5.0	2.6, 7.3	-0.78	13
Portage	618	5.7	3.9, 7.6	-0.55	25
Price	159	9.3	4.7, 14.0	0.54	49
Racine	1,405	7.1	5.7, 8.4	-0.14	40
Richland	155	9.7	4.9, 14.5	0.65	53
Rock	1,276	6.7	5.3, 8.1	-0.25	36
Rusk	159	11.7	6.6, 16.9	1.27	68
Sauk	451	7.1	4.7, 9.6	-0.12	41
Sawyer	139	15.8	9.6, 22.0	2.48	71
Shawano	359	10.0	6.9, 13.2	0.75	55
Sheboygan	1,118	3.5	2.4, 4.7	-1.21	6
St. Croix	602	6.3	4.3, 8.3	-0.38	35
Taylor	196	3.8	1.0, 6.5	-1.14	9
Trempealeau	314	3.1	1.1, 5.0	-1.35	1
Vernon	226	8.4	4.7, 12.1	0.25	47
Vilas	282	8.8	5.4, 12.2	0.38	48
Walworth	619	6.2	4.2, 8.1	-0.41	32
Washburn	153	10.2	5.3, 15.1	0.79	56
Washington	804	3.1	1.9, 4.4	-1.33	3
Waukesha	2,552	3.2	2.5, 3.9	-1.32	4
Waupaca	483	11.2	8.3, 14.0	1.09	63
Waushara	240	10.6	6.7, 14.6	0.94	58
Winnebago	1,400	5.6	4.4, 6.8	-0.59	22
Wood	767	5.8	4.2, 7.5	-0.51	28

DID NOT RECEIVE NEEDED CARE

What it is:	Did Not Receive Needed Care is the percentage of the population that did not get needed health care (medical care or surgery) that they felt they should have had in the twelve months prior to being interviewed.
Where it comes from:	This measure is based on data from the Family Health Survey, a statewide random-sample survey of household residents.
Why it is included:	Not receiving needed medical care may contribute to chronic conditions and cause more serious problems in the future.
Years of data used:	1997-2003
Weight in Health Determinants:	1.67%
Range of Measure in Wisconsin Counties (Minimum, Maximum):	0.0%, 5.6%
Measure in Wisconsin:	2.2%
Summary Measure:	Health Determinants – Health Care



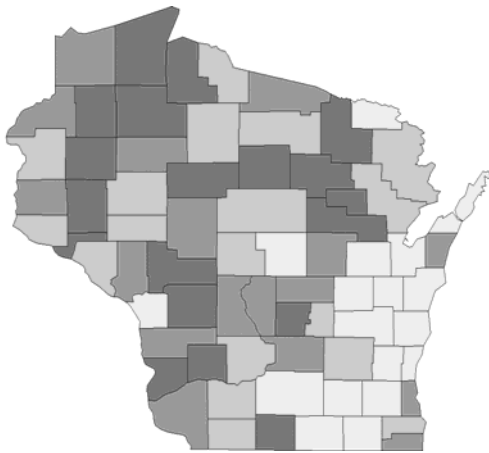
LEGEND →

Sample Size	Number of respondents on the FHS
% Not Received Care	See above
95% CI	95% confidence interval, calculated as $1.96 * \sqrt{\frac{p(1-p)}{n}}$, where p is the prevalence and n is the sample size.
Z-Score	(Measure – State Average)/(Standard Deviation)
← MAP	The counties are ranked by quartiles, with lighter counties having less people with unmet health care needs.

County Name	Sample Size	% Not Received Care	95% CI	Z-Score	Rank
Adams	202	2.0	0.1, 4.0	0.01	38
Ashland	154	1.8	0.1, 3.9	-0.17	32
Barron	440	1.4	0.3, 2.5	-0.53	18
Bayfield	166	0.7	0.1, 2.0	-1.13	9
Brown	2,146	1.2	0.8, 1.7	-0.66	16
Buffalo	136	0.4	0.1, 1.5	-1.40	7
Burnett	150	4.1	0.9, 7.4	1.89	68
Calumet	376	2.3	0.7, 3.8	0.26	47
Chippewa	479	3.9	2.2, 5.7	1.74	67
Clark	279	0.9	0.1, 2.1	-0.92	13
Columbia	509	1.5	0.4, 2.5	-0.46	20
Crawford	177	2.0	0.1, 4.1	0.02	39
Dane	3,603	3.0	2.5, 3.6	0.94	64
Dodge	731	1.1	0.3, 1.8	-0.80	15
Door	298	0.3	0.1, 1.0	-1.46	6
Douglas	393	2.8	1.2, 4.5	0.76	60
Dunn	346	2.4	0.8, 4.0	0.37	50
Eau Claire	725	2.0	1.0, 3.1	0.04	40
Florence	50	0.0	-	-1.75	1
Fond du Lac	994	1.5	0.7, 2.2	-0.44	21
Forest	97	0.0	-	-1.75	1
Grant	447	2.4	1.0, 3.9	0.41	52
Green	354	0.8	0.1, 1.8	-1.00	11
Green Lake	232	3.5	1.1, 5.9	1.31	66
Iowa	198	1.5	0.1, 3.2	-0.43	22
Iron	76	5.6	0.3, 10.9	3.00	72
Jackson	146	1.6	0.1, 3.7	-0.35	24
Jefferson	627	1.6	0.6, 2.6	-0.31	26
Juneau	230	3.2	0.9, 5.5	1.09	65
Kenosha	1,068	2.5	1.6, 3.5	0.49	57
Kewaunee	220	0.6	0.1, 1.7	-1.22	8
La Crosse	970	2.3	1.3, 3.2	0.27	48
Lafayette	157	2.2	0.1, 4.5	0.15	44
Langlade	187	1.3	0.1, 3.0	-0.56	17
Lincoln	295	1.8	0.2, 3.3	-0.16	33
Manitowoc	850	1.6	0.7, 2.5	-0.33	25
Marathon	1,161	1.7	0.9, 2.4	-0.26	29
Marinette	468	2.4	1.0, 3.9	0.40	51
Marquette	195	2.2	0.1, 4.3	0.20	45
Menominee	37	0.0	-	-1.75	1
Milwaukee	12,034	3.0	2.7, 3.4	0.93	63
Monroe	403	2.6	1.0, 4.2	0.55	58
Oconto	393	0.8	0.1, 1.7	-1.05	10
Oneida	376	2.5	0.9, 4.1	0.44	53
Outagamie	1,495	1.8	1.1, 2.5	-0.15	34
Ozaukee	591	1.7	0.6, 2.7	-0.28	28
Pepin	69	1.7	0.1, 4.8	-0.26	30
Pierce	318	4.7	2.4, 7.1	2.44	71
Polk	341	2.2	0.6, 3.8	0.20	46
Portage	622	2.5	1.2, 3.7	0.46	54
Price	159	1.7	0.1, 3.7	-0.29	27
Racine	1,408	1.9	1.2, 2.6	-0.09	36
Richland	155	0.0	-	-1.75	1
Rock	1,278	2.6	1.7, 3.5	0.59	59
Rusk	159	0.0	-	-1.75	1
Sauk	451	1.4	0.3, 2.5	-0.51	19
Sawyer	141	4.2	0.8, 7.6	1.97	69
Shawano	359	2.5	0.9, 4.1	0.46	55
Sheboygan	1,122	1.8	1.0, 2.7	-0.12	35
St. Croix	603	3.0	1.6, 4.4	0.93	62
Taylor	198	4.4	1.5, 7.3	2.15	70
Trempealeau	315	1.0	0.1, 2.1	-0.90	14
Vernon	226	2.5	0.4, 4.6	0.47	56
Vilas	283	2.0	0.4, 3.7	0.06	42
Walworth	624	2.1	0.9, 3.2	0.09	43
Washburn	153	1.6	0.1, 3.6	-0.35	23
Washington	804	1.8	0.8, 2.7	-0.18	31
Waukesha	2,558	2.0	1.5, 2.6	0.04	41
Waupaca	486	2.4	1.0, 3.7	0.33	49
Waushara	240	2.9	0.7, 5.1	0.83	61
Winnebago	1,409	1.9	1.2, 2.7	-0.05	37
Wood	772	0.9	0.2, 1.6	-0.95	12

NO RECENT DENTIST VISIT

What it is:	No Recent Dentist Visit is the percentage of the population that did not see a dentist in the last six months prior to being interviewed.
Where it comes from:	This measure is based on data from the Family Health Survey, a statewide random-sample survey of household residents.
Why it is included:	Dental hygiene is not only important to maintain for oral health, but has been shown to be related to various other health problems, including cardiovascular health.
Years of data used:	1997-2003
Weight in Health Determinants:	1.67%
Range of Measure in Wisconsin Counties (Minimum, Maximum):	33.9%, 68.1%
Measure in Wisconsin:	45.4%
Summary Measure:	Health Determinants – Health Care



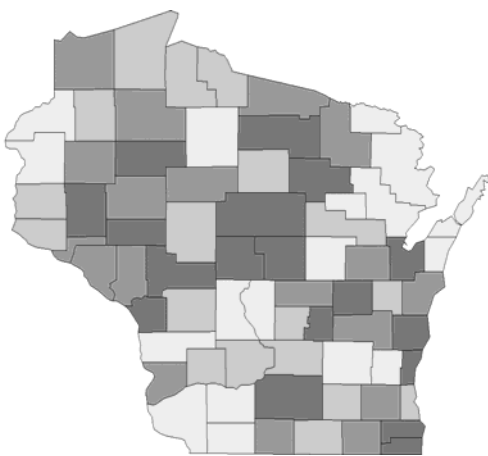
LEGEND →

Sample Size	Number of respondents on the FHS
% No Dentist Visit	See above
95% CI	95% confidence interval, calculated as $1.96 * \sqrt{\frac{p(1-p)}{n}}$, where p is the prevalence and n is the sample size.
Z-Score	(Measure – State Average)/(Standard Deviation)
← MAP	The counties are ranked by quartiles, with lighter counties having less people with no recent dentist visit.

County Name	Sample Size	% No Dentist Visit	95% CI	Z-Score	Rank
Adams	201	51.9	44.8, 58.9	0.41	50
Ashland	153	68.1	60.6, 75.7	2.50	72
Barron	439	54.3	49.6, 59.1	0.72	56
Bayfield	165	56.0	48.2, 63.7	0.93	61
Brown	2,131	40.2	38.1, 42.3	-1.10	9
Buffalo	136	46.6	38.0, 55.1	-0.27	32
Burnett	150	50.8	42.6, 58.9	0.26	46
Calumet	368	38.1	33.1, 43.2	-1.36	5
Chippewa	477	45.2	40.6, 49.7	-0.46	28
Clark	276	48.5	42.5, 54.5	-0.03	39
Columbia	507	52.2	47.8, 56.7	0.45	51
Crawford	175	55.9	48.4, 63.4	0.92	60
Dane	3,585	40.4	38.8, 42.0	-1.07	10
Dodge	727	44.7	41.0, 48.0	-0.52	23
Door	297	42.5	36.8, 48.2	-0.80	16
Douglas	391	48.9	43.8, 53.9	0.02	40
Dunn	345	61.6	56.4, 66.8	1.66	68
Eau Claire	720	44.8	41.1, 48.5	-0.50	25
Florence	50	34.6	21.2, 48.1	-1.82	2
Fond du Lac	988	41.9	38.7, 45.0	-0.88	13
Forest	96	58.8	48.8, 68.9	1.30	65
Grant	444	48.4	43.7, 53.1	-0.04	38
Green	352	55.2	49.9, 60.5	0.83	59
Green Lake	231	45.0	38.4, 51.5	-0.48	26
Iowa	197	45.8	38.7, 52.9	-0.37	31
Iron	76	45.1	33.7, 56.5	-0.47	27
Jackson	146	59.9	51.8, 68.1	1.45	66
Jefferson	621	37.1	33.3, 41.0	-1.49	3
Juneau	229	53.3	46.7, 59.9	0.58	52
Kenosha	1,065	50.0	46.9, 53.0	0.16	42
Kewaunee	219	53.3	46.6, 60.1	0.60	53
La Crosse	968	40.8	37.7, 40.0	-1.01	11
Lafayette	157	47.1	39.1, 55.1	-0.21	34
Langlade	186	60.3	53.1, 67.4	1.49	67
Lincoln	294	53.5	47.6, 59.3	0.61	54
Manitowoc	845	42.4	39.0, 45.8	-0.81	14
Marathon	1,156	43.5	40.6, 46.4	-0.67	21
Marinette	468	42.9	38.3, 47.5	-0.74	19
Marquette	193	58.1	51.0, 65.2	1.21	62
Menominee	36	58.1	41.7, 74.6	1.21	63
Milwaukee	11,954	50.3	49.4, 51.2	0.20	44
Monroe	400	55.0	50.0, 59.9	0.80	58
Oconto	388	47.5	42.4, 52.6	-0.16	36
Oneida	374	44.7	39.5, 49.8	-0.52	24
Outagamie	1,487	37.3	34.8, 39.8	-1.47	4
Ozaukee	588	33.9	30.0, 37.8	-1.91	1
Pepin	69	66.8	55.5, 78.1	2.33	70
Pierce	317	43.6	38.1, 49.2	-0.66	22
Polk	340	47.1	41.7, 52.5	-0.21	35
Portage	621	38.6	34.7, 42.6	-1.30	6
Price	159	45.6	37.7, 53.5	-0.40	29
Racine	1,392	45.7	43.0, 48.4	-0.39	30
Richland	155	62.9	55.2, 70.7	1.83	69
Rock	1,267	42.5	39.7, 45.2	-0.81	15
Rusk	159	49.3	41.4, 57.3	0.08	41
Sauk	449	47.0	42.3, 51.7	-0.22	33
Sawyer	141	58.6	50.3, 66.9	1.27	64
Shawano	358	54.8	49.5, 60.0	0.78	57
Sheboygan	1,114	42.8	39.9, 45.8	-0.76	18
St. Croix	601	51.0	46.9, 55.0	0.29	47
Taylor	195	67.1	60.3, 73.8	2.36	71
Trempealeau	312	50.1	44.4, 55.7	0.17	43
Vernon	226	51.7	45.0, 58.3	0.38	49
Vilas	281	48.1	42.2, 54.1	-0.07	37
Walworth	623	42.5	38.6, 46.5	-0.80	17
Washburn	153	53.5	45.5, 61.6	0.62	55
Washington	798	38.6	35.2, 42.1	-1.30	7
Waukesha	2,540	38.7	36.7, 40.6	-1.29	8
Waupaca	486	51.5	47.0, 56.1	0.36	48
Waushara	238	50.6	44.1, 57.0	0.24	45
Winnebago	1,401	41.3	38.6, 43.9	-0.96	12
Wood	767	43.2	39.6, 46.7	-0.71	20

PNEUMOCOCCAL VACCINATIONS

What it is:	Pneumococcal Vaccinations is the percentage of living Medicare recipients in 2001 that received a recommended pneumococcal vaccination between 1991 and 2001.
Where it comes from:	Metastar, a private quality improvement organization, provides Medicare data based on national quality initiatives built on recommendations from the Centers for Medicare and Medicaid Services (CMS). Medicare recipients were excluded if a pneumococcal vaccination was not recommended. These data should be interpreted with caution in rural counties, however, because some rural health clinics which provide immunizations do not file a claim with Medicare, so the measured percentage may be lower than the true percentage.
Why it is included:	While people 65 and older, infants, and people with special health problems such as alcoholism and diabetes are at much greater risk for pneumococcal disease, this can lead to pneumonia, bacteremia, and meningitis.
Years of data used:	1991-2001
Weight in Health Determinants:	0.83%
Range of Measure in Wisconsin Counties (Minimum, Maximum):	22.0%, 57.3%
Measure in Wisconsin:	N/A
Summary Measure:	Health Determinants – Health Care



LEGEND →

% Vaccinated	See above
Z-Score	$(\text{Measure} - \text{State Average}) / (\text{Standard Deviation})$

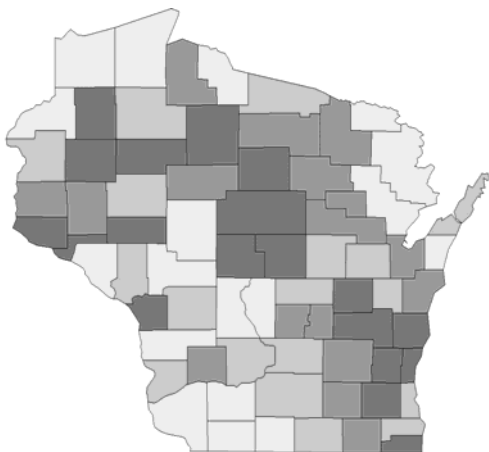
← MAP

The counties are ranked by quartiles, with lighter counties having less people with a documented pneumococcal vaccination.

County Name	% Vaccinated	Z-Score	Rank
Adams	27.1	2.24	70
Ashland	41.3	0.29	48
Barron	47.2	-0.54	24
Bayfield	42.3	0.15	45
Brown	49.0	-0.78	18
Buffalo	46.8	-0.48	25
Burnett	34.0	1.29	65
Calumet	39.4	0.55	54
Chippewa	46.3	-0.40	28
Clark	43.7	-0.05	39
Columbia	42.9	0.06	43
Crawford	45.3	-0.27	33
Dane	49.8	-0.89	13
Dodge	38.4	0.69	57
Door	33.0	1.43	66
Douglas	46.1	-0.38	30
Dunn	54.5	-1.54	2
Eau Claire	53.3	-1.37	4
Florence	22.7	2.85	71
Fond du Lac	47.8	-0.61	23
Forest	46.2	-0.40	29
Grant	32.7	1.47	67
Green	46.3	-0.40	27
Green Lake	49.1	-0.79	16
Iowa	30.8	1.73	69
Iron	41.7	0.23	47
Jackson	51.8	-1.17	6
Jefferson	39.8	0.49	52
Juneau	22.0	2.94	72
Kenosha	50.0	-0.91	12
Kewaunee	35.5	1.08	62
La Crosse	57.3	-1.92	1
Lafayette	36.3	0.98	60
Langlade	50.3	-0.96	10
Lincoln	43.2	0.03	42
Manitowoc	48.8	-0.75	19
Marathon	49.5	-0.85	14
Marinette	37.3	0.84	59
Marquette	43.6	-0.04	40
Menominee	31.9	1.59	68
Milwaukee	40.3	0.42	50
Monroe	43.4	-0.01	41
Oconto	39.0	0.61	55
Oneida	54.0	-1.47	3
Outagamie	45.3	-0.27	34
Ozaukee	50.6	-0.99	9
Pepin	45.6	-0.31	32
Pierce	42.2	0.16	46
Polk	34.3	1.25	64
Portage	51.7	-1.15	7
Price	35.5	1.08	63
Racine	51.5	-1.13	8
Richland	39.7	0.51	53
Rock	44.3	-0.13	37
Rusk	49.3	-0.81	15
Sauk	42.4	0.13	44
Sawyer	46.8	-0.47	26
Shawano	41.0	0.32	49
Sheboygan	49.1	-0.79	17
St. Croix	40.3	0.43	51
Taylor	48.3	-0.68	21
Trempealeau	45.3	-0.26	35
Vernon	37.3	0.84	58
Vilas	48.4	-0.69	20
Walworth	45.1	-0.25	36
Washburn	44.3	-0.13	38
Washington	38.7	0.65	56
Waukesha	48.1	-0.66	22
Waupaca	36.0	1.02	61
Waushara	45.8	-0.34	31
Winnebago	50.2	-0.94	11
Wood	53.2	-1.36	5

INFLUENZA VACCINATIONS

What it is:	Influenza Vaccinations is the percentage of Medicare recipients that received a recommended influenza vaccination.
Where it comes from:	Metastar, a private quality improvement organization, provides Medicare data based on national quality initiatives built on recommendations from the Centers for Medicare and Medicaid Services (CMS). These data should be interpreted with caution in rural counties, however, because some tribal and rural health clinics that provide immunizations do not file a claim with Medicare, so the measured percentage may be lower than the true percentage.
Why it is included:	Influenza is a very contagious disease, and can lead to pneumonia in severe cases. Vaccination is a good way to prevent influenza.
Years of data used:	2003
Weight in Health Determinants:	0.83%
Range of Measure in Wisconsin Counties (Minimum, Maximum):	25.7%, 68.7%
Measure in Wisconsin:	56.0%
Summary Measure:	Health Determinants – Health Care



LEGEND →

% Vaccinated	See above
Z-Score	$(\text{Measure} - \text{State Average}) / (\text{Standard Deviation})$

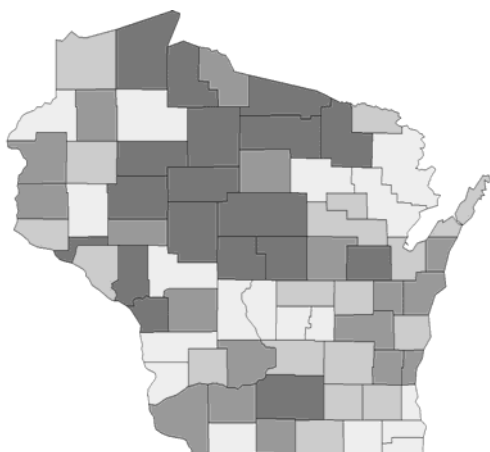
← MAP

The counties are ranked by quartiles, with lighter counties having less people with a documented influenza vaccination.

County Name	% Vaccinated	Z-Score	Rank
Adams	29.9	2.33	69
Ashland	60.1	-0.61	23
Barron	64.5	-1.03	5
Bayfield	44.9	0.87	61
Brown	59.0	-0.50	30
Buffalo	46.2	0.74	57
Burnett	40.9	1.26	64
Calumet	56.2	-0.23	43
Chippewa	56.4	-0.25	41
Clark	43.2	1.04	63
Columbia	54.8	-0.09	45
Crawford	49.0	0.47	53
Dane	49.4	0.43	52
Dodge	59.7	-0.58	25
Door	56.5	-0.26	40
Douglas	45.0	0.86	60
Dunn	58.0	-0.40	34
Eau Claire	68.7	-1.45	2
Florence	26.8	2.63	71
Fond du Lac	61.2	-0.72	15
Forest	59.7	-0.57	27
Grant	44.8	0.88	62
Green	36.8	1.65	65
Green Lake	59.8	-0.58	24
Iowa	32.9	2.03	68
Iron	36.7	1.67	66
Jackson	47.7	0.60	55
Jefferson	60.7	-0.67	20
Juneau	27.6	2.55	70
Kenosha	61.4	-0.74	13
Kewaunee	46.2	0.75	58
La Crosse	66.0	-1.18	3
Lafayette	45.8	0.78	59
Langlade	59.7	-0.57	26
Lincoln	61.0	-0.70	17
Manitowoc	57.4	-0.35	36
Marathon	64.1	-1.00	8
Marinette	47.2	0.64	56
Marquette	58.2	-0.42	33
Menominee	59.3	-0.53	29
Milwaukee	53.9	-0.01	46
Monroe	47.9	0.57	54
Oconto	25.7	2.74	72
Oneida	59.3	-0.53	28
Outagamie	50.3	0.35	50
Ozaukee	61.0	-0.70	19
Pepin	68.7	-1.45	1
Pierce	63.2	-0.91	10
Polk	55.9	-0.20	44
Portage	65.4	-1.12	4
Price	64.1	-1.00	7
Racine	52.7	0.11	47
Richland	58.6	-0.47	31
Rock	56.6	-0.27	38
Rusk	64.0	-0.98	9
Sauk	49.6	0.41	51
Sawyer	56.5	-0.26	39
Shawano	60.7	-0.67	21
Sheboygan	64.2	-1.01	6
St. Croix	60.3	-0.63	22
Taylor	58.5	-0.45	32
Trempealeau	51.5	0.23	49
Vernon	34.1	1.92	67
Vilas	57.0	-0.31	37
Walworth	57.7	-0.37	35
Washburn	61.3	-0.73	14
Washington	61.0	-0.70	18
Waukesha	61.1	-0.70	16
Waupaca	52.2	0.16	48
Waushara	56.4	-0.25	42
Winnebago	61.8	-0.77	11
Wood	61.7	-0.77	12

DIABETIC EYE EXAMS

What it is:	Diabetic Eye Exams is a measure of the percentage of diabetic Medicare and Medicaid recipients between the ages of 18 and 75 that received a recommended retinal exam.
Where it comes from:	Metastar, a private quality improvement organization, provides Medicare data based on national quality initiatives built on recommendations from the Centers for Medicare and Medicaid Services (CMS).
Why it is included:	Diabetic eye disease may develop even if symptoms go unnoticed, so having regular eye exams may prevent future vision problems and more quickly identify developing problems to minimize permanent damage.
Years of data used:	2002-2004
Weight in Health Determinants:	0.83%
Range of Measure in Wisconsin Counties (Minimum, Maximum):	66.9%, 85.8%
Measure in Wisconsin:	75.2%
Summary Measure:	Health Determinants – Health Care

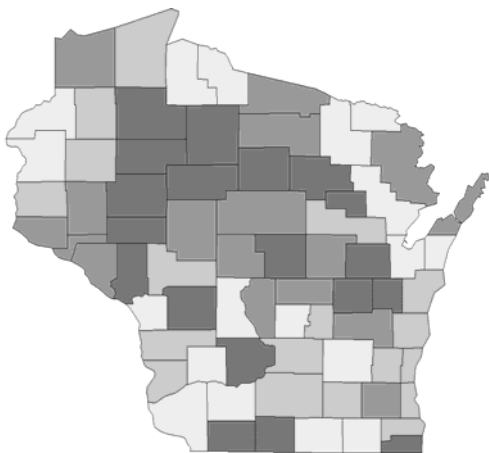


LEGEND →	
% Examined	See above
Z-Score	$(\text{Measure} - \text{State Average}) / (\text{Standard Deviation})$
← MAP	The counties are ranked by quartiles, with lighter counties having less diabetics with a documented eye exam.

County Name	% Examined	Z-Score	Rank
Adams	73.5	0.75	59
Ashland	85.8	-1.97	1
Barron	76.1	0.18	47
Bayfield	82.8	-1.31	6
Brown	76.1	0.19	50
Buffalo	76.5	0.10	45
Burnett	70.0	1.52	64
Calumet	77.4	-0.11	36
Chippewa	80.6	-0.81	15
Clark	79.9	-0.66	17
Columbia	77.0	-0.02	40
Crawford	72.9	0.89	61
Dane	81.4	-0.99	12
Dodge	77.0	-0.03	38
Door	76.1	0.18	49
Douglas	76.9	0.00	41
Dunn	72.4	0.99	62
Eau Claire	78.8	-0.41	24
Florence	76.1	0.18	48
Fond du Lac	79.4	-0.54	21
Forest	79.8	-0.64	18
Grant	78.3	-0.30	27
Green	77.5	-0.12	33
Green Lake	75.4	0.33	55
Iowa	79.0	-0.46	22
Iron	77.9	-0.22	30
Jackson	73.7	0.71	58
Jefferson	77.0	-0.02	39
Juneau	66.9	2.22	72
Kenosha	67.4	2.09	69
Kewaunee	77.6	-0.16	31
La Crosse	81.3	-0.96	13
Lafayette	68.0	1.97	67
Langlade	71.7	1.15	63
Lincoln	78.3	-0.32	25
Manitowoc	78.0	-0.24	29
Marathon	82.7	-1.29	7
Marinette	67.4	2.10	70
Marquette	67.3	2.12	71
Menominee	75.9	0.22	51
Milwaukee	68.3	1.90	66
Monroe	78.3	-0.31	26
Oconto	73.0	0.87	60
Oneida	79.9	-0.67	16
Outagamie	82.6	-1.25	8
Ozaukee	78.9	-0.44	23
Pepin	82.9	-1.33	5
Pierce	76.8	0.03	43
Polk	77.4	-0.11	35
Portage	82.3	-1.19	9
Price	84.4	-1.66	3
Racine	67.6	2.05	68
Richland	77.2	-0.08	37
Rock	75.8	0.24	53
Rusk	82.1	-1.14	11
Sauk	79.7	-0.62	19
Sawyer	74.1	0.61	57
Shawano	75.5	0.31	54
Sheboygan	76.4	0.10	46
St. Croix	78.0	-0.24	28
Taylor	83.6	-1.48	4
Trempealeau	82.1	-1.14	10
Vernon	74.4	0.56	56
Vilas	81.2	-0.95	14
Walworth	68.6	1.82	65
Washburn	77.5	-0.14	32
Washington	77.4	-0.12	34
Waukesha	76.6	0.06	44
Waupaca	79.4	-0.56	20
Waushara	76.8	0.01	42
Winnebago	75.8	0.24	52
Wood	84.6	-1.69	2

DIABETIC LIPID PROFILE

What it is:	Diabetic Lipid Profile is a measure of the percentage of diabetic Medicare and Medicaid recipients between the ages of 18 and 75 that received a recommended lipid profile test.
Where it comes from:	Metastar, a private quality improvement organization, provides Medicare data based on national quality initiatives built on recommendations from the Centers for Medicare and Medicaid Services (CMS).
Why it is included:	Altered lipid levels are common in diabetics, and may cause future problems if not treated promptly. Monitoring lipid levels in diabetics is a way to prevent downstream complications.
Years of data used:	2002-2004
Weight in Health Determinants:	0.83%
Range of Measure in Wisconsin Counties (Minimum, Maximum):	77.3%, 92.7%
Measure in Wisconsin:	87.1%
Summary Measure:	Health Determinants – Health Care

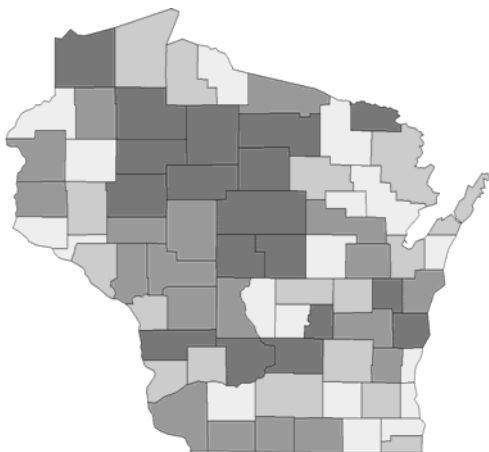


LEGEND →	
% Tested	See above
Z-Score	$(\text{Measure} - \text{State Average}) / (\text{Standard Deviation})$
← MAP	The counties are ranked by quartiles, with lighter counties having less diabetics with a documented lipid profiling.

County Name	% Tested	Z-Score	Rank
Adams	88.8	-0.47	28
Ashland	82.8	1.40	65
Barron	85.8	0.45	49
Bayfield	85.3	0.62	53
Brown	83.6	1.16	64
Buffalo	89.3	-0.64	22
Burnett	81.2	1.91	70
Calumet	90.9	-1.13	8
Chippewa	91.7	-1.41	5
Clark	89.0	-0.54	26
Columbia	85.3	0.62	54
Crawford	85.3	0.62	52
Dane	86.6	0.22	47
Dodge	85.2	0.64	55
Door	88.8	-0.49	27
Douglas	88.3	-0.32	30
Dunn	89.3	-0.65	21
Eau Claire	92.7	-1.71	1
Florence	82.6	1.47	66
Fond du Lac	87.8	-0.18	34
Forest	83.9	1.05	61
Grant	81.2	1.90	69
Green	92.6	-1.70	2
Green Lake	85.7	0.49	50
Iowa	77.3	3.00	72
Iron	84.6	0.83	58
Jackson	87.1	0.07	41
Jefferson	87.5	-0.06	40
Juneau	80.6	2.09	71
Kenosha	89.6	-0.72	17
Kewaunee	82.3	1.57	68
La Crosse	83.9	1.08	62
Lafayette	90.2	-0.92	13
Langlade	90.4	-0.98	12
Lincoln	91.9	-1.46	4
Manitowoc	87.6	-0.11	37
Marathon	89.2	-0.60	23
Marinette	89.4	-0.68	20
Marquette	82.5	1.49	67
Menominee	90.4	-0.98	11
Milwaukee	85.3	0.61	51
Monroe	89.8	-0.79	16
Oconto	85.0	0.72	57
Oneida	88.0	-0.22	33
Outagamie	89.5	-0.70	19
Ozaukee	86.7	0.19	46
Pepin	89.0	-0.55	24
Pierce	87.7	-0.13	36
Polk	83.8	1.10	63
Portage	91.6	-1.37	6
Price	90.0	-0.88	15
Racine	87.5	-0.07	39
Richland	85.2	0.66	56
Rock	84.6	0.84	59
Rusk	92.4	-1.63	3
Sauk	90.8	-1.11	10
Sawyer	90.8	-1.11	9
Shawano	86.7	0.16	45
Sheboygan	87.5	-0.08	38
St. Croix	87.0	0.07	42
Taylor	90.1	-0.89	14
Trempealeau	91.0	-1.19	7
Vernon	85.9	0.43	48
Vilas	88.1	-0.26	32
Walworth	84.0	1.02	60
Washburn	87.0	0.09	43
Washington	86.8	0.15	44
Waukesha	89.0	-0.55	25
Waupaca	88.6	-0.43	29
Waushara	87.7	-0.15	35
Winnebago	89.5	-0.72	18
Wood	88.2	-0.29	31

DIABETIC HbA1C TESTING

What it is:	Diabetic HbA1c Testing is a measure of the percentage of diabetic Medicare and Medicaid recipients between the ages of 18 and 75 that received a recommended HbA1c test.
Where it comes from:	Metastar, a private quality improvement organization, provides Medicare data based on national quality initiatives built on recommendations from the Centers for Medicare and Medicaid Services (CMS).
Why it is included:	HbA1c testing is a good way to test for the amount of sugar in the blood over the last few months. It is recommended that all people with type 2 diabetes have an HbA1c test at least twice a year. Monitoring blood glucose is a good way to prevent complications due to diabetes.
Years of data used:	2003-2004
Weight in Health Determinants:	0.83%
Range of Measure in Wisconsin Counties (Minimum, Maximum):	80.5%, 96.1%
Measure in Wisconsin:	90.1%
Summary Measure:	Health Determinants – Health Care

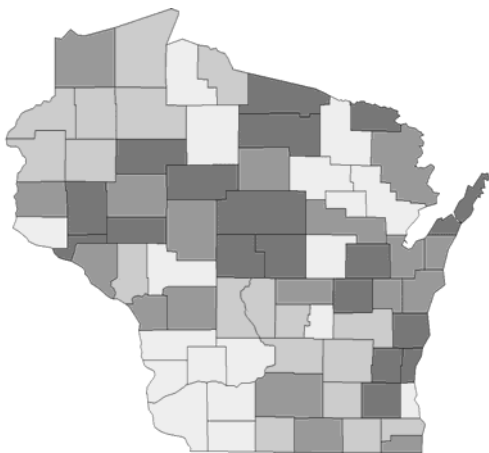


LEGEND →	
% Tested	See above
Z-Score	$(\text{Measure} - \text{State Average}) / (\text{Standard Deviation})$
← MAP	The counties are ranked by quartiles, with lighter counties having less diabetics with a documented HbA1c test.

County Name	% Tested	Z-Score	Rank
Adams	86.7	1.47	70
Ashland	90.6	0.05	43
Barron	87.3	1.25	68
Bayfield	90.7	0.00	40
Brown	89.4	0.47	54
Buffalo	90.4	0.12	44
Burnett	89.2	0.55	55
Calumet	93.8	-1.14	6
Chippewa	92.8	-0.79	16
Clark	91.7	-0.36	31
Columbia	93.4	-1.01	9
Crawford	89.8	0.32	50
Dane	90.6	0.05	42
Dodge	90.1	0.22	46
Door	90.7	0.00	39
Douglas	94.2	-1.31	4
Dunn	90.8	-0.04	38
Eau Claire	92.1	-0.53	25
Florence	93.5	-1.03	8
Fond du Lac	91.0	-0.11	36
Forest	88.1	0.97	59
Grant	92.3	-0.61	21
Green	92.4	-0.63	20
Green Lake	93.3	-0.95	10
Iowa	88.1	0.98	60
Iron	87.5	1.19	65
Jackson	91.5	-0.31	32
Jefferson	87.5	1.20	66
Juneau	91.0	-0.12	34
Kenosha	90.0	0.27	47
Kewaunee	87.3	1.24	67
La Crosse	89.7	0.38	51
Lafayette	92.2	-0.54	24
Langlade	90.4	0.12	45
Lincoln	94.0	-1.25	5
Manitowoc	91.9	-0.45	26
Marathon	92.8	-0.78	17
Marinette	89.6	0.42	53
Marquette	88.5	0.82	58
Menominee	89.2	0.57	56
Milwaukee	87.9	1.05	62
Monroe	92.5	-0.68	19
Oconto	82.0	3.00	71
Oneida	92.6	-0.72	18
Outagamie	91.8	-0.41	29
Ozaukee	87.5	1.19	64
Pepin	80.5	3.00	72
Pierce	87.7	1.12	63
Polk	92.2	-0.57	22
Portage	94.6	-1.44	3
Price	94.8	-1.53	2
Racine	86.8	1.45	69
Richland	89.9	0.28	48
Rock	91.4	-0.26	33
Rusk	93.6	-1.09	7
Sauk	92.8	-0.79	15
Sawyer	96.1	-1.99	1
Shawano	91.9	-0.45	27
Sheboygan	93.2	-0.94	11
St. Croix	91.7	-0.37	30
Taylor	93.1	-0.90	13
Trempealeau	92.2	-0.55	23
Vernon	93.2	-0.92	12
Vilas	91.0	-0.12	35
Walworth	88.0	1.01	61
Washburn	91.9	-0.43	28
Washington	91.0	-0.10	37
Waukesha	89.6	0.40	52
Waupaca	89.1	0.60	57
Waushara	89.9	0.29	49
Winnebago	90.6	0.03	41
Wood	93.1	-0.89	14

BIENNIAL MAMMOGRAPHY

What it is:	Biennial Mammography is a measure of the percentage of female Medicare recipients between the ages of 50 and 67 that received a recommended mammogram.
Where it comes from:	Metastar, a private quality improvement organization, provides Medicare data based on national quality initiatives built on recommendations from the Centers for Medicare and Medicaid Services (CMS).
Why it is included:	Mammography plays a central role in diagnosing breast cancer at an early stage. Improving mammography rates can lead to earlier identification of breast cancer, and can improve the survival rate of the disease in the population.
Years of data used:	2002-2004
Weight in Health Determinants:	0.83%
Range of Measure in Wisconsin Counties (Minimum, Maximum):	50.7%, 76.2%
Measure in Wisconsin:	66.2%
Summary Measure:	Health Determinants – Health Care

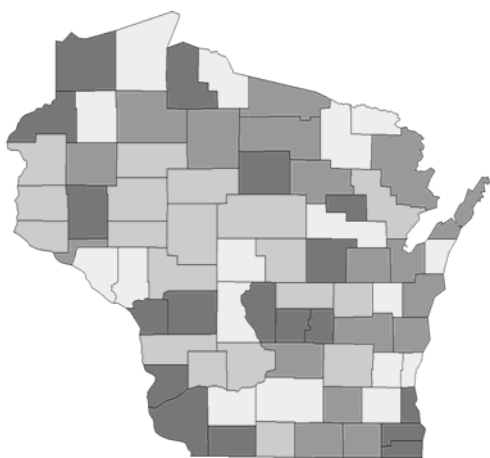


LEGEND →	
% Screened	See above
Z-Score	$(\text{Measure} - \text{State Average}) / (\text{Standard Deviation})$
← MAP	The counties are ranked by quartiles, with lighter counties having lower mammography rates.

County Name	% Screened	Z-Score	Rank
Adams	62.9	0.48	52
Ashland	53.2	2.42	71
Barron	62.6	0.53	54
Bayfield	63.1	0.43	48
Brown	66.5	-0.25	31
Buffalo	66.7	-0.28	30
Burnett	62.7	0.52	53
Calumet	65.6	-0.06	36
Chippewa	66.0	-0.14	35
Clark	67.0	-0.35	25
Columbia	63.5	0.35	47
Crawford	58.5	1.36	66
Dane	66.3	-0.20	33
Dodge	63.1	0.44	50
Door	70.4	-1.02	12
Douglas	67.0	-0.35	26
Dunn	68.2	-0.58	18
Eau Claire	76.0	-2.15	2
Florence	72.2	-1.39	7
Fond du Lac	65.3	-0.01	40
Forest	60.0	1.06	64
Grant	62.2	0.62	59
Green	65.5	-0.04	38
Green Lake	62.5	0.56	57
Iowa	54.7	2.12	70
Iron	64.2	0.21	42
Jackson	60.3	0.99	63
Jefferson	65.5	-0.04	37
Juneau	65.4	-0.02	39
Kenosha	66.9	-0.32	28
Kewaunee	66.8	-0.30	29
La Crosse	67.0	-0.34	27
Lafayette	57.5	1.56	67
Langlade	55.8	1.91	69
Lincoln	67.3	-0.40	23
Manitowoc	67.7	-0.48	21
Marathon	70.8	-1.10	9
Marinette	66.5	-0.25	32
Marquette	64.1	0.25	44
Menominee	56.9	1.68	68
Milwaukee	62.5	0.55	55
Monroe	67.8	-0.51	20
Oconto	59.2	1.21	65
Oneida	70.4	-1.03	11
Outagamie	68.5	-0.65	15
Ozaukee	69.5	-0.85	14
Pepin	68.4	-0.63	16
Pierce	62.4	0.57	58
Polk	63.1	0.43	49
Portage	72.8	-1.50	4
Price	62.1	0.63	60
Racine	64.1	0.24	43
Richland	50.7	2.93	72
Rock	67.9	-0.52	19
Rusk	69.6	-0.87	13
Sauk	62.5	0.56	56
Sawyer	63.0	0.45	51
Shawano	66.0	-0.14	34
Sheboygan	68.2	-0.59	17
St. Croix	67.2	-0.38	24
Taylor	72.8	-1.50	5
Trempealeau	64.5	0.15	41
Vernon	62.1	0.64	61
Vilas	74.6	-1.88	3
Walworth	63.6	0.33	46
Washburn	64.0	0.25	45
Washington	70.5	-1.05	10
Waukesha	72.4	-1.42	6
Waupaca	60.4	0.98	62
Waushara	67.5	-0.45	22
Winnebago	71.1	-1.16	8
Wood	76.2	-2.20	1

CIGARETTE SMOKING

What it is:	Cigarette Smoking is a measure of the percentage of the population that reports being current smokers or current occasional smokers. This percentage based on answers to the question, "Do you now smoke cigarettes every day, some days, or not at all?"
Where it comes from:	Data are obtained from the Behavioral Risk Factor Surveillance System (BRFSS), a national random digit dial telephone survey. BRFSS Data are representative of the total non-institutionalized Wisconsin population over 18 years of age living in households with a land-line telephone. The data are age-adjusted and weighted by population.
Why it is included:	Cigarette smoking has been shown to cause a variety of health problems including cancer, cardiovascular disease, and respiratory diseases.
Years of data used:	1998-2004
Weight in Health Determinants:	6%
Range of Measure in Wisconsin Counties (Minimum, Maximum):	12.6%, 44.2%
Measure in Wisconsin:	23.1%
Summary Measure:	Health Determinants – Health Behaviors

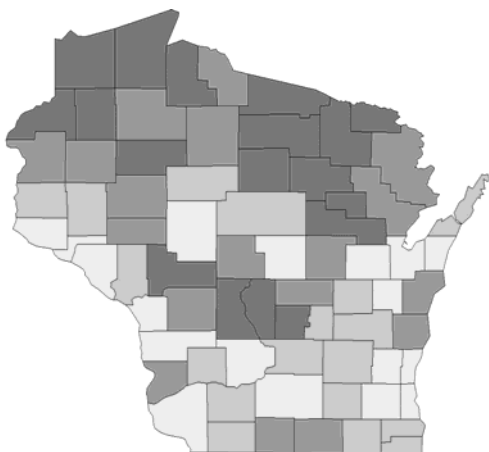


LEGEND →	
Sample Size	Number of respondents on the BRFSS
% Smokers	See above
95% CI	95% confidence interval, calculated as $1.96 * \sqrt{\frac{p(1-p)}{n}}$, where p is the prevalence and n is the sample size.
Z-Score	(Measure – State Average)/(Standard Deviation)
← MAP	The counties are ranked by quartiles, with lighter counties having lower smoking rates.

County Name	Sample Size	% Smokers	95% CI	Z-Score	Rank
Adams	113	26.2	18.0, 34.3	0.59	59
Ashland	83	26.8	17.2, 36.3	0.70	62
Barron	191	24.0	17.9, 30.0	0.17	45
Bayfield	99	14.2	7.3, 21.1	-1.70	2
Brown	916	22.9	20.1, 25.6	-0.05	38
Buffalo	67	12.6	4.6, 20.5	-2.01	1
Burnett	71	27.3	17.0, 37.7	0.81	64
Calumet	178	19.4	13.6, 25.2	-0.71	15
Chippewa	260	21.8	16.8, 26.9	-0.24	29
Clark	153	22.2	15.6, 28.8	-0.17	32
Columbia	210	23.2	17.4, 28.9	0.01	40
Crawford	78	33.4	22.9, 43.8	1.97	69
Dane	1,799	18.9	17.1, 20.7	-0.81	13
Dodge	345	20.7	16.4, 25.0	-0.45	23
Door	125	25.3	17.6, 32.9	0.41	51
Douglas	172	29.2	22.4, 36.0	1.17	65
Dunn	166	30.3	23.3, 37.3	1.39	67
Eau Claire	347	21.2	16.9, 25.5	-0.37	26
Florence	20	17.3	0.7, 33.9	-1.11	10
Fond du Lac	404	24.2	20.0, 28.4	0.21	46
Forest	48	17.0	6.4, 27.7	-1.16	8
Grant	191	25.9	19.7, 32.1	0.54	55
Green	159	22.4	15.9, 28.9	-0.13	34
Green Lake	89	29.4	19.9, 38.9	1.21	66
Iowa	95	14.6	7.5, 21.7	-1.63	3
Iron	41	15.9	4.7, 27.1	-1.37	5
Jackson	72	21.7	12.1, 31.2	-0.27	28
Jefferson	260	25.4	20.1, 30.7	0.45	53
Juneau	95	19.6	11.6, 27.6	-0.67	17
Kenosha	402	33.9	29.3, 38.6	2.07	70
Kewaunee	94	15.3	8.0, 22.6	-1.49	4
La Crosse	460	27.1	23.1, 31.2	0.78	63
Lafayette	69	33.1	22.0, 44.2	1.91	68
Langlade	82	25.0	15.7, 34.4	0.37	49
Lincoln	129	26.1	18.5, 33.7	0.58	57
Manitowoc	397	25.2	20.9, 29.4	0.40	50
Marathon	562	20.5	17.2, 23.9	-0.49	22
Marinette	190	24.8	18.7, 31.0	0.33	48
Marquette	63	26.2	15.4, 37.1	0.60	60
Menominee	13	44.2	17.2, 71.2	3.00	72
Milwaukee	5,750	26.6	25.5, 27.8	0.68	61
Monroe	166	34.4	27.2, 41.7	2.17	71
Oconto	174	22.0	15.9, 28.2	-0.20	31
Oneida	153	23.4	16.7, 30.1	0.06	43
Outagamie	672	23.1	19.9, 26.3	0.00	39
Ozaukee	269	17.7	13.2, 22.3	-1.03	12
Pepin	34	23.8	9.5, 38.1	0.14	44
Pierce	142	21.9	15.1, 28.7	-0.22	30
Polk	175	22.5	16.3, 28.7	-0.11	35
Portage	280	21.0	16.3, 25.8	-0.39	24
Price	83	25.3	15.9, 34.7	0.42	52
Racine	665	26.1	22.8, 29.4	0.58	58
Richland	76	20.2	11.1, 29.2	-0.56	21
Rock	556	25.8	22.2, 29.4	0.52	54
Rusk	64	19.9	10.1, 29.7	-0.61	19
Sauk	226	22.3	16.8, 27.7	-0.16	33
Sawyer	66	23.2	13.0, 33.4	0.02	41
Shawano	176	17.7	12.0, 23.3	-1.04	11
Sheboygan	487	23.2	19.5, 27.0	0.02	42
St. Croix	247	19.9	14.9, 24.9	-0.61	20
Taylor	90	21.5	13.0, 30.0	-0.31	27
Trempealeau	125	17.2	10.6, 23.8	-1.13	9
Vernon	118	19.9	12.7, 27.1	-0.61	18
Vilas	115	24.3	13.6, 32.2	0.24	47
Walworth	300	22.8	18.1, 27.6	-0.05	37
Washburn	73	16.8	8.2, 25.3	-1.21	6
Washington	360	19.3	15.2, 23.4	-0.73	14
Waukesha	1,127	16.9	14.7, 19.1	-1.19	7
Waupaca	232	26.0	20.4, 31.7	0.56	56
Waushara	152	21.1	14.7, 27.6	-0.37	25
Winnebago	606	22.6	19.2, 25.9	-0.10	36
Wood	360	19.6	15.5, 23.7	-0.67	16

SMOKING DURING PREGNANCY

What it is:	Smoking during pregnancy measures the percentage of the women in the population who smoked during their pregnancy. Women giving birth in a hospital are asked about their smoking status after delivering the baby. This variable also serves as an indicator of tobacco use and exposure in the population.
Where it comes from:	These data are obtained from the Wisconsin Interactive Statistics on Health (WISH) database, from the Department of Health and Family Services, Division of Public Health, Bureau of Health Information and Policy.
Why it is included:	Smoking during pregnancy has been shown to be associated with low birth weight, a higher risk of miscarriages, and Sudden Infant Death Syndrome (SIDS).
Years of data used:	2000-2003
Weight in Health Determinants:	6%
Range of Measure in Wisconsin Counties (Minimum, Maximum):	7.2%, 45.2%
Measure in Wisconsin:	15.3%
Summary Measure:	Health Determinants – Health Behaviors



LEGEND →

Number of Births	Total number of births from 2000 to 2003
Smoked During Pregnancy	Number of mothers reporting that they smoked during pregnancy from 2000 to 2003
% Pregnant Smokers	Number of pregnant smokers / total number of births * 100
Z-Score	(Measure – State Average) / (Standard Deviation)

← MAP

The counties are ranked by quartiles, with lighter counties having lower maternal smoking rates.

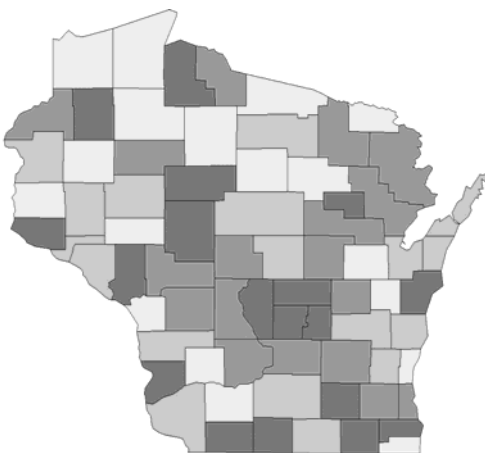
County Name	Number of Births	Smoked During Pregnancy	% Pregnant Smokers	Z-Score	Rank
Adams	658	209	31.8	1.91	70
Ashland	833	254	30.5	1.71	69
Barron	1,992	388	19.5	-0.02	41
Bayfield	538	146	27.1	1.19	64
Brown	13,090	1,974	15.1	-0.71	16
Buffalo	616	90	14.6	-0.78	13
Burnett	601	180	30.0	1.63	68
Calumet	2,316	224	9.7	-1.56	4
Chippewa	2,721	574	21.1	0.24	48
Clark	2,072	306	14.8	-0.76	15
Columbia	2,535	444	17.5	-0.33	30
Crawford	791	164	20.7	0.18	44
Dane	22,361	2,109	9.4	-1.60	3
Dodge	3,833	686	17.9	-0.27	35
Door	985	175	17.8	-0.29	33
Douglas	2,001	461	23.0	0.54	56
Dunn	1,862	324	17.4	-0.34	29
Eau Claire	4,470	805	18.0	-0.25	37
Florence	149	37	24.8	0.82	59
Fond du Lac	4,583	806	17.6	-0.31	31
Forest	436	141	32.3	2.00	71
Grant	2,219	312	14.1	-0.87	11
Green	1,573	301	19.1	-0.07	39
Green Lake	902	154	17.1	-0.40	28
Iowa	1,182	192	16.2	-0.53	22
Iron	183	37	20.2	0.10	43
Jackson	895	232	25.9	1.00	62
Jefferson	3,785	671	17.7	-0.29	32
Juneau	1,110	324	29.2	1.51	66
Kenosha	8,521	1,354	15.9	-0.58	19
Kewaunee	957	141	14.7	-0.76	14
La Crosse	4,994	695	13.9	-0.89	10
Lafayette	741	125	16.9	-0.43	24
Langlade	872	240	27.5	1.25	65
Lincoln	1,228	299	24.3	0.75	57
Manitowoc	3,515	738	21.0	0.22	46
Marathon	6,103	978	16.0	-0.56	20
Marinette	1,696	377	22.2	0.41	53
Marquette	623	163	26.2	1.03	63
Menominee	361	163	45.2	3.00	72
Milwaukee	58,698	7,824	13.3	-0.98	8
Monroe	2,378	497	20.9	0.21	45
Oconto	1,550	335	21.6	0.32	51
Oneida	1,222	307	25.1	0.87	60
Outagamie	9,125	1,233	13.5	-0.95	9
Ozaukee	3,535	256	7.2	-1.94	1
Pepin	330	51	15.5	-0.65	18
Pierce	1,687	201	11.9	-1.21	7
Polk	1,874	413	22.0	0.38	52
Portage	3,026	459	15.2	-0.69	17
Price	524	95	18.1	-0.23	38
Racine	10,310	1,668	16.2	-0.54	21
Richland	817	146	17.9	-0.27	34
Rock	8,124	1,561	19.2	-0.06	40
Rusk	663	151	22.8	0.50	55
Sauk	2,908	613	11.5	-1.28	5
Sawyer	692	203	21.1	0.23	47
Shawano	1,875	396	29.3	1.53	67
Sheboygan	5,532	940	21.1	0.24	50
St. Croix	3,836	440	17.0	-0.41	27
Taylor	965	173	17.9	-0.26	36
Trempealeau	1,274	215	16.9	-0.43	25
Vernon	1,557	223	14.3	-0.83	12
Vilas	724	183	25.3	0.89	61
Walworth	4,559	763	16.7	-0.45	23
Washburn	661	164	24.8	0.82	58
Washington	5,980	711	11.9	-1.21	6
Waukesha	17,357	1,392	8.0	-1.82	2
Waupaca	2,363	499	21.1	0.24	49
Waushara	943	210	22.3	0.42	54
Winnebago	7,367	1,247	16.9	-0.42	26
Wood	3,451	681	19.7	0.02	42

PHYSICAL INACTIVITY

What it is:	Physical Inactivity is a measure of the percentage of the population that reports no leisure time physical activity or exercise in the past 30 days.
Where it comes from:	Data obtained from the Behavioral Risk Factor Surveillance System (BRFSS), a national random digit dial telephone survey. BRFSS Data are representative of the total non-institutionalized Wisconsin population over 18 years of age living in households with a land-line telephone. The data are age-adjusted and weighted by population.
Why it is included:	Regular physical activity has been shown to prevent or reduce the severity of coronary heart disease (CHD), heart attack, diabetes, obesity, cancer, and a variety of other health problems.
Years of data used:	1998, 2000, 2003
Weight in Health Determinants:	4%
Range of Measure in Wisconsin Counties (Minimum, Maximum):	38.6%, 100%
Measure in Wisconsin:	54.4%
Summary Measure:	Health Determinants – Health Behaviors

Note:

For 1998 and 2000, the definition of no or minimal physical activity was based on any physical activity lasting less than 20 minutes per day or less than 3 times per week. For 2003, the definition of no or minimal physical activity was based on moderate physical activity lasting less than 30 minutes per day or less than 5 times per week. People who participated in vigorous activity but no moderate activity were inadvertently classified as having no physical activity.



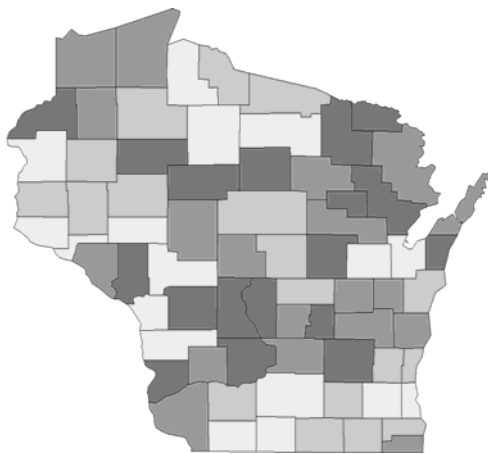
LEGEND →

Sample Size	Number of respondents on the BRFSS
% Inactive	See above
95% CI	95% confidence interval, calculated as $1.96 * \sqrt{\frac{p(1-p)}{n}}$, where p is the prevalence and n is the sample size.
Z-Score	(Measure – State Average)/(Standard Deviation)
← MAP	The counties are ranked by quartiles, with lighter counties having lower physical inactivity.

County Name	Sample Size	% Inactive	95% CI	Z-Score	Rank
Adams	39	59.6	44.2, 75.0	0.42	56
Ashland	29	72.9	56.7, 89.1	1.72	69
Barron	76	40.2	29.1, 51.2	-1.47	2
Bayfield	46	44.7	30.3, 59.1	-1.03	11
Brown	352	52.4	47.2, 57.6	-0.28	29
Buffalo	26	50.4	31.2, 69.6	-0.47	21
Burnett	28	54.5	36.0, 72.9	-0.08	39
Calumet	63	46.3	64.0, 58.6	-0.87	14
Chippewa	98	50.7	40.8, 60.6	-0.44	22
Clark	64	66.5	55.0, 78.1	1.10	64
Columbia	78	56.0	45.0, 67.0	0.07	44
Crawford	31	65.8	49.1, 82.5	1.02	62
Dane	683	50.9	47.1, 54.6	-0.43	23
Dodge	124	56.3	47.6, 65.0	0.10	45
Door	53	52.7	39.3, 66.1	-0.25	31
Douglas	69	47.4	35.6, 59.2	-0.77	16
Dunn	69	52.2	40.4, 64.0	-0.30	27
Eau Claire	142	43.4	35.3, 51.6	-1.15	7
Florence	11	41.3	12.2, 70.4	-1.36	4
Fond du Lac	152	49.8	41.8, 57.7	-0.53	19
Forest	19	55.1	32.7, 77.4	-0.02	41
Grant	71	53.1	41.5, 64.7	-0.21	34
Green	54	63.4	50.6, 76.3	0.80	60
Green Lake	31	65.9	49.3, 82.6	1.04	63
Iowa	27	38.6	20.2, 56.9	-1.63	1
Iron	14	58.0	32.2, 83.9	0.27	50
Jackson	25	55.1	35.6, 74.6	-0.02	42
Jefferson	90	75.3	66.3, 84.2	1.95	70
Juneau	37	58.1	42.2, 74.0	0.28	53
Kenosha	151	48.6	40.6, 56.6	-0.65	18
Kewaunee	39	50.3	34.6, 66.0	-0.48	20
La Crosse	158	46.0	38.2, 53.8	-0.90	13
Lafayette	24	69.7	51.3, 88.1	1.41	66
Langlade	28	45.6	27.1, 64.0	-0.95	12
Lincoln	37	48.2	32.1, 64.3	-0.68	17
Manitowoc	160	66.6	59.3, 73.9	1.11	65
Marathon	230	52.8	46.3, 59.2	-0.24	32
Marinette	63	58.1	45.9, 70.3	0.28	52
Marquette	25	80.1	64.4, 95.7	2.42	71
Menominee	3	100.0	-	3.00	72
Milwaukee	2,136	58.0	55.9, 60.1	0.27	51
Monroe	68	58.6	46.9, 70.3	0.32	54
Oconto	61	57.3	44.9, 69.7	0.20	48
Oneida	69	52.8	41.1, 64.6	-0.24	33
Outagamie	268	44.0	38.1, 50.0	-1.10	8
Ozaukee	93	44.4	34.3, 54.5	-1.06	10
Pepin	11	51.9	22.4, 81.5	-0.32	26
Pierce	57	62.1	49.6, 74.7	0.67	59
Polk	63	51.4	39.0, 63.7	-0.38	25
Portage	125	52.4	43.6, 61.2	-0.28	28
Price	32	43.0	25.9, 60.2	-1.19	6
Racine	203	60.9	54.2, 67.6	0.55	57
Richland	27	44.1	25.3, 62.8	-1.09	9
Rock	209	50.9	44.1, 57.7	-0.42	24
Rusk	21	56.4	35.2, 77.6	0.11	46
Sauk	75	53.8	42.5, 65.1	-0.14	37
Sawyer	20	40.6	19.1, 62.2	-1.42	3
Shawano	69	54.7	43.0, 66.5	-0.05	40
Sheboygan	183	52.6	45.4, 59.8	-0.26	30
St. Croix	91	47.0	36.7, 57.2	-0.81	15
Taylor	42	70.9	57.1, 84.6	1.52	67
Trempealeau	48	61.4	47.6, 75.1	0.59	58
Vernon	46	53.6	39.2, 68.0	-0.16	36
Vilas	44	41.3	26.8, 55.9	-1.36	5
Walworth	110	59.5	50.4, 68.7	0.42	55
Washburn	27	71.9	55.0, 88.9	1.62	68
Washington	143	53.5	45.3, 61.7	-0.17	35
Waukesha	383	53.9	49.0, 58.9	-0.13	38
Waupaca	91	57.5	47.4, 67.7	0.22	49
Waushara	63	63.9	52.0, 75.7	0.84	61
Winnebago	224	55.2	48.7, 61.7	-0.01	43
Wood	135	57.0	48.7, 65.4	0.17	47

OVERWEIGHT

What it is:	Overweight is a measure of the percentage of the population that has a body mass index (weight in kg divided by height ² in m ²) greater than or equal to 25 kg/m ² . This measure is based on answers to the questions, “about how much do you weigh without shoes?” and “about how tall are you without shoes?”
Where it comes from:	Data obtained from the Behavioral Risk Factor Surveillance System (BRFSS), a national random digit dial telephone survey. BRFSS Data are representative of the total non-institutionalized Wisconsin population over 18 years of age living in households with a land-line telephone. The data are age-adjusted and weighted by population.
Why it is included:	Overweight is a strong future determinant of various health problems, including hypertension, diabetes, coronary heart disease (CHD), stroke, sleep apnea, and a variety of other health problems.
Years of data used:	1998-2004
Weight in Health Determinants:	3%
Range of Measure in Wisconsin Counties (Minimum, Maximum):	45.2%, 79.3%
Measure in Wisconsin:	58.5%
Summary Measure:	Health Determinants – Health Behaviors



LEGEND →

Sample Size Number of respondents on the BRFSS

% Overweight See above

95% CI 95% confidence interval, calculated as $1.96 * \sqrt{\frac{p(1-p)}{n}}$, where p is the prevalence and n is the sample size.

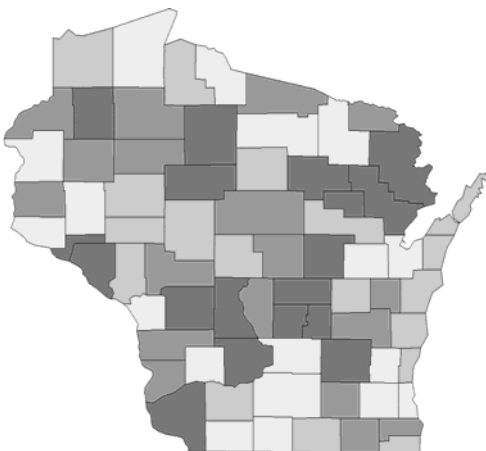
Z-Score (Measure – State Average)/(Standard Deviation)

← **MAP** The counties are ranked by quartiles, with lighter counties having less people that are overweight.

County Name	Sample Size	% Overweight	95% CI	Z-Score	Rank
Adams	110	66.7	57.9, 75.5	0.83	60
Ashland	77	56.0	44.9, 67.1	-0.84	14
Barron	185	59.1	52.0, 66.2	-0.35	31
Bayfield	96	62.7	53.0, 72.4	0.21	45
Brown	888	57.4	54.1, 60.6	-0.63	17
Buffalo	64	65.1	53.4, 76.8	0.59	54
Burnett	70	65.9	54.8, 77.0	0.71	58
Calumet	174	63.7	56.6, 70.9	0.37	48
Chippewa	252	58.6	52.6, 64.7	-0.43	29
Clark	149	61.5	53.7, 69.3	0.02	40
Columbia	203	63.8	57.0, 70.4	0.38	49
Crawford	75	75.3	65.5, 85.1	2.18	69
Dane	1,739	53.2	50.8, 55.5	-1.29	6
Dodge	331	65.4	60.2, 70.5	0.62	55
Door	122	63.6	55.0, 72.1	0.34	47
Douglas	162	64.7	57.3, 72.0	0.52	53
Dunn	162	57.5	49.9, 65.1	-0.60	19
Eau Claire	337	56.2	50.9, 61.5	-0.81	15
Florence	20	69.2	48.9, 89.4	1.22	65
Fond du Lac	392	64.0	59.3, 68.8	0.42	50
Forest	47	76.1	63.9, 88.3	2.31	71
Grant	185	63.2	56.2, 70.1	0.28	46
Green	157	49.5	41.7, 57.3	-1.86	2
Green Lake	88	68.8	59.1, 78.5	1.17	64
Iowa	92	59.8	49.7, 69.8	-0.25	33
Iron	40	57.6	42.3, 72.9	-0.59	20
Jackson	71	53.3	41.7, 64.9	-1.27	7
Jefferson	255	58.6	52.5, 64.6	-0.44	28
Juneau	91	69.8	60.3, 79.2	1.31	67
Kenosha	388	62.1	57.3, 67.0	0.12	41
Kewaunee	92	67.3	57.7, 76.9	0.93	62
La Crosse	445	52.7	48.1, 57.4	-1.35	5
Lafayette	68	45.2	33.4, 57.0	-2.53	1
Langlade	77	62.7	51.8, 73.5	0.20	44
Lincoln	123	66.6	58.3, 75.0	0.83	59
Manitowoc	380	58.0	53.0, 62.9	-0.53	22
Marathon	546	60.0	55.9, 64.1	-0.21	34
Marinette	179	64.1	57.1, 71.2	0.44	51
Marquette	60	60.8	48.4, 73.1	-0.09	36
Menominee	13	79.3	57.3, 100.0	2.81	72
Milwaukee	5,582	55.9	54.6, 57.2	-0.86	12
Monroe	161	67.2	59.9, 74.4	0.91	61
Oconto	171	68.2	61.2, 75.2	1.07	63
Oneida	152	54.5	46.6, 62.4	-1.07	10
Outagamie	651	54.4	50.6, 58.3	-1.09	9
Ozaukee	264	57.8	51.9, 63.8	-0.55	21
Pepin	34	55.5	38.8, 72.2	-0.92	11
Pierce	138	53.7	45.4, 62.1	-1.20	8
Polk	169	57.2	49.7, 64.6	-0.65	16
Portage	269	58.5	52.7, 64.4	-0.44	27
Price	82	52.7	41.9, 63.5	-1.36	4
Racine	647	57.5	53.7, 61.3	-0.61	18
Richland	70	62.5	51.2, 73.9	0.18	43
Rock	546	58.2	54.1, 62.4	-0.49	24
Rusk	62	76.1	65.4, 86.7	2.30	70
Sauk	216	65.4	59.1, 71.7	0.63	56
Sawyer	65	58.1	46.1, 70.1	-0.51	23
Shawano	169	62.4	55.1, 69.7	0.16	42
Sheboygan	464	61.0	56.5, 65.4	-0.06	39
St. Croix	241	59.0	52.8, 65.2	-0.37	30
Taylor	89	69.6	60.0, 79.1	1.28	66
Trempealeau	122	72.0	64.0, 79.9	1.66	68
Vernon	115	52.1	43.0, 61.2	-1.45	3
Vilas	113	60.1	51.0, 69.1	-0.20	35
Walworth	291	58.3	52.6, 63.9	-0.48	25
Washburn	71	64.4	53.3, 75.6	0.48	52
Washington	354	58.5	53.3, 63.6	-0.46	26
Waukesha	1,095	55.9	53.0, 58.9	-0.85	13
Waupaca	227	65.6	59.4, 71.8	0.67	57
Waushara	149	59.3	51.4, 67.2	-0.33	32
Winnebago	587	60.9	57.0, 64.9	-0.07	38
Wood	349	60.8	55.7, 65.9	-0.08	37

OBESITY

What it is:	Obesity is a measure of the percentage of the population that has a body mass index (weight in kg divided by height ² in m ²) greater than or equal to 30 kg/m ² . This measure is based on answers to the questions, "About how much do you weigh without shoes?" and "About how tall are you without shoes?"
Where it comes from:	Data obtained from the Behavioral Risk Factor Surveillance System (BRFSS), a national random digit dial telephone survey. BRFSS Data are representative of the total non-institutionalized Wisconsin population over 18 years of age living in households with a land-line telephone. The data are age-adjusted and weighted by population.
Why it is included:	Obesity is a strong determinant of various health problems including hypertension, diabetes, coronary heart disease (CHD), stroke, sleep apnea, and a variety of others. Obesity is much more of a current health determinant than overweight, which is a future predictor of health problems.
Years of data used:	1998-2004
Weight in Health Determinants:	3%
Range of Measure in Wisconsin Counties (Minimum, Maximum):	11.6%, 49.6%
Measure in Wisconsin:	21.4%
Summary Measure:	Health Determinants – Health Behaviors



LEGEND →

Sample Size	Number of respondents on the BRFSS
% Obese	See above
95% CI	95% confidence interval, calculated as $1.96 * \sqrt{\frac{p(1-p)}{n}}$, where p is the prevalence and n is the sample size.
Z-Score	(Measure – State Average)/(Standard Deviation)

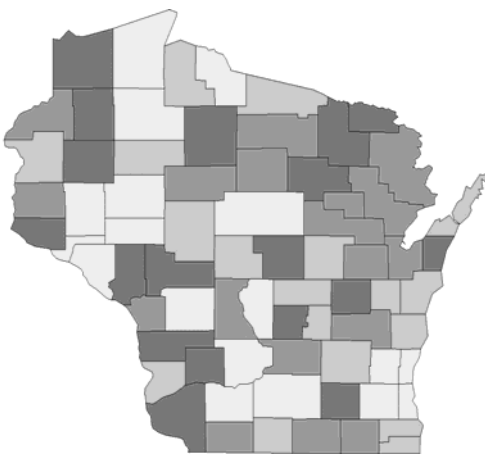
← MAP

The counties are ranked by quartiles, with lighter counties having less people that are obese.

County Name	Sample Size	% Obese	95% CI	Z-Score	Rank
Adams	110	25.2	17.1, 33.4	0.31	50
Ashland	77	21.9	12.7, 31.2	-0.29	27
Barron	185	25.1	18.8, 31.3	0.28	48
Bayfield	96	11.6	5.2, 17.9	-2.16	1
Brown	888	19.1	16.5, 21.7	-0.80	13
Buffalo	64	29.1	18.0, 40.2	1.00	66
Burnett	70	23.7	13.8, 33.7	0.04	43
Calumet	174	23.8	17.5, 30.2	0.06	44
Chippewa	252	20.9	15.9, 26.0	-0.47	22
Clark	149	22.4	15.7, 29.1	-0.20	31
Columbia	203	18.0	12.7, 23.3	-1.00	8
Crawford	75	22.7	13.2, 32.1	-0.16	37
Dane	1,739	17.3	15.5, 19.1	-1.12	5
Dodge	331	30.0	25.0, 34.9	1.16	68
Door	122	21.4	14.2, 28.7	-0.38	24
Douglas	162	21.9	15.6, 28.3	-0.29	28
Dunn	162	19.4	13.3, 25.5	-0.74	16
Eau Claire	337	20.6	16.2, 24.9	-0.53	20
Florence	20	23.3	4.8, 41.8	-0.04	40
Fond du Lac	392	24.4	20.1, 28.6	0.15	46
Forest	47	18.2	7.1, 29.2	-0.97	9
Grant	185	28.1	21.6, 34.6	0.83	61
Green	157	17.0	11.1, 22.9	-1.17	4
Green Lake	88	29.2	19.7, 38.7	1.02	67
Iowa	92	21.2	12.8, 29.5	-0.43	23
Iron	40	18.6	6.5, 30.6	-0.89	11
Jackson	71	25.9	15.7, 36.1	0.42	53
Jefferson	255	25.3	19.9, 30.6	0.31	51
Juneau	91	28.2	19.0, 37.5	0.85	62
Kenosha	388	22.6	18.5, 26.8	-0.16	36
Kewaunee	92	22.3	13.8, 30.8	-0.22	30
La Crosse	445	19.2	15.5, 22.8	-0.79	14
Lafayette	68	13.3	5.2, 21.3	-1.85	2
Langlade	77	38.1	27.3, 49.0	2.63	71
Lincoln	123	20.7	13.6, 27.9	-0.51	21
Manitowoc	380	22.6	18.4, 26.8	-0.17	35
Marathon	546	24.1	20.5, 27.7	0.11	45
Marinette	179	28.6	22.0, 35.2	0.91	64
Marquette	60	30.7	19.0, 42.4	1.30	69
Menominee	13	49.6	22.4, 76.7	3.00	72
Milwaukee	5,582	19.6	18.6, 20.7	-0.70	17
Monroe	161	28.4	21.5, 35.4	0.88	63
Oconto	171	27.8	21.1, 34.6	0.78	60
Oneida	152	17.5	11.4, 23.5	-1.09	6
Outagamie	651	19.8	16.8, 22.9	-0.67	18
Ozaukee	264	20.1	15.2, 24.9	-0.62	19
Pepin	34	27.1	12.1, 42.0	0.64	58
Pierce	138	14.4	8.6, 20.3	-1.64	3
Polk	169	18.2	12.4, 24.0	-0.97	10
Portage	269	23.2	18.1, 28.2	-0.07	39
Price	82	27.1	17.4, 36.7	0.63	57
Racine	647	23.1	19.8, 26.3	-0.08	38
Richland	70	19.0	9.8, 28.2	-0.81	12
Rock	546	22.1	18.6, 25.6	-0.26	29
Rusk	62	26.0	15.1, 36.9	0.44	54
Sauk	216	27.6	21.6, 33.5	0.73	59
Sawyer	65	23.6	13.2, 33.9	0.01	41
Shawano	169	21.9	15.6, 28.1	-0.30	25
Sheboygan	464	22.6	18.8, 26.4	-0.17	34
St. Croix	241	23.6	18.2, 28.9	0.01	42
Taylor	89	34.8	24.9, 44.7	2.03	70
Trempealeau	122	22.5	15.1, 29.9	-0.19	33
Vernon	115	25.7	17.7, 33.6	0.38	52
Vilas	113	24.7	16.8, 32.7	0.22	47
Walworth	291	25.1	20.2, 30.1	0.29	49
Washburn	71	26.6	16.4, 36.9	0.56	56
Washington	354	19.2	15.1, 23.3	-0.78	15
Waukesha	1,095	17.9	15.6, 20.1	-1.02	7
Waupaca	227	26.5	20.7, 32.2	0.53	55
Waushara	149	28.9	21.6, 36.1	0.96	65
Winnebago	587	22.5	19.1, 25.8	-0.19	32
Wood	349	21.9	17.6, 26.2	-0.29	26

LOW FRUIT AND VEGETABLE CONSUMPTION

What it is:	Low Fruit and Vegetable Consumption is a measure of the percentage of the population that consumes less than 5 servings of fruits and/or vegetables per day. This measure is obtained from the answers to questions asking about what types of food are eaten daily.
Where it comes from:	Data obtained from the Behavioral Risk Factor Surveillance System (BRFSS), a national random digit dial telephone survey. BRFSS Data are representative of the total non-institutionalized Wisconsin population over 18 years of age living in households with a land-line telephone. The data are age-adjusted and weighted by population.
Why it is included:	There is strong evidence that a diet with a sufficient level of fruits and vegetables can lower the risk of heart disease and stroke. In addition, many health problems such as birth defects, immune deficiencies, and blindness can be caused by insufficient fruit and vegetable consumption.
Years of data used:	1998, 2000-2004
Weight in Health Determinants:	3%
Range of Measure in Wisconsin Counties (Minimum, Maximum):	66.6%, 88.5%
Measure in Wisconsin:	77.3%
Summary Measure:	Health Determinants – Health Behaviors



LEGEND →

Sample Size Number of respondents on the BRFSS

% Low Consumption See above

95% CI 95% confidence interval, calculated as $1.96 * \sqrt{\frac{p(1-p)}{n}}$, where p is the prevalence and n is the sample size.

Z-Score (Measure – State Average)/(Standard Deviation)

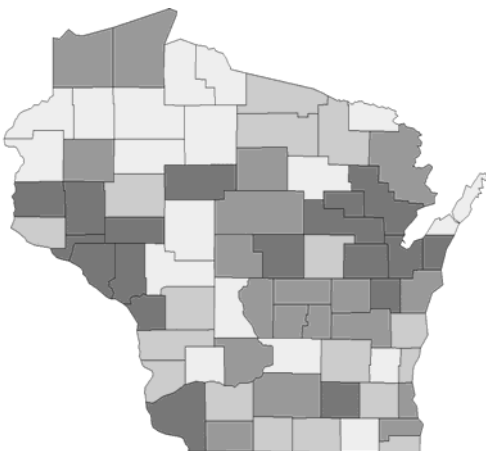
← MAP

The counties are ranked by quartiles, with lighter counties having more people with nutritious diets.

County Name	Sample Size	% Low Consumption	95% CI	Z-Score	Rank
Adams	98	75.0	66.4, 83.6	-0.83	14
Ashland	77	78.5	69.3, 87.7	-0.03	34
Barron	174	82.3	76.6, 88.0	0.86	60
Bayfield	86	68.9	59.1, 78.7	-2.25	2
Brown	827	79.1	76.3, 81.9	0.12	39
Buffalo	57	70.5	58.6, 82.3	-1.89	3
Burnett	65	80.8	71.2, 90.4	0.51	54
Calumet	167	78.1	71.9, 84.4	-0.11	32
Chippewa	229	75.8	70.2, 81.3	-0.65	16
Clark	139	77.4	70.5, 84.4	-0.27	25
Columbia	188	80.2	74.5, 85.9	0.37	49
Crawford	68	78.6	68.8, 88.3	-0.01	35
Dane	1,627	74.9	72.8, 77.0	-0.85	13
Dodge	317	77.8	73.2, 82.4	-0.19	27
Door	110	77.0	69.2, 84.9	-0.37	24
Douglas	154	84.8	79.1, 90.4	1.43	66
Dunn	153	74.1	67.1, 81.0	-1.05	11
Eau Claire	311	72.9	68.0, 77.8	-1.32	8
Florence	18	82.0	64.3, 99.8	0.79	58
Fond du Lac	357	79.1	74.9, 83.3	0.12	40
Forest	45	88.5	79.2, 97.8	2.30	72
Grant	171	81.9	76.1, 87.7	0.76	57
Green	144	79.0	72.3, 85.6	0.08	36
Green Lake	78	76.8	67.4, 86.2	-0.42	21
Iowa	82	76.1	66.9, 85.3	-0.58	18
Iron	35	71.4	56.4, 86.4	-1.67	4
Jackson	64	85.5	76.9, 94.1	1.60	69
Jefferson	228	82.1	77.1, 87.1	0.81	59
Juneau	84	80.3	71.8, 88.8	0.40	51
Kenosha	358	78.1	73.8, 82.4	-0.12	31
Kewaunee	87	83.1	75.2, 91.0	1.05	64
La Crosse	402	79.5	75.6, 83.5	0.21	45
Lafayette	63	79.2	69.2, 89.2	0.14	41
Langlade	73	81.6	72.7, 90.5	0.70	55
Lincoln	115	79.2	71.8, 86.6	0.15	42
Manitowoc	355	76.3	71.9, 80.8	-0.52	19
Marathon	517	74.4	70.6, 78.2	-0.97	12
Marinette	166	80.2	74.2, 86.3	0.38	50
Marquette	57	87.3	78.6, 95.9	2.01	71
Menominee	13	79.8	58.0, 100.0	0.28	47
Milwaukee	5,158	75.5	74.4, 76.7	-0.71	15
Monroe	148	73.6	66.5, 80.7	-1.16	10
Oconto	151	80.6	74.3, 86.9	0.46	53
Oneida	138	80.1	73.4, 86.8	0.35	48
Outagamie	615	79.4	76.2, 82.6	0.18	44
Ozaukee	233	72.3	66.6, 78.1	-1.46	7
Pepin	30	66.6	49.7, 83.5	-2.79	1
Pierce	131	85.3	79.2, 91.4	1.55	68
Polk	154	76.9	70.3, 83.6	-0.39	22
Portage	258	83.1	78.5, 87.6	1.03	63
Price	71	81.7	72.7, 90.7	0.72	56
Racine	617	76.5	73.2, 79.9	-0.48	20
Richland	68	84.7	76.1, 93.2	1.40	65
Rock	499	79.1	75.5, 82.7	0.12	38
Rusk	56	77.8	66.9, 88.7	-0.18	28
Sauk	192	76.0	70.0, 82.1	-0.59	17
Sawyer	61	71.7	60.3, 83.0	-1.61	5
Shawano	164	79.1	72.9, 85.3	0.12	37
Sheboygan	440	77.9	74.0, 81.8	-0.17	29
St. Croix	216	80.6	75.3, 85.8	0.45	52
Taylor	85	79.3	70.7, 87.9	0.17	43
Trempealeau	114	87.1	80.9, 93.2	1.96	70
Vernon	108	85.1	78.3, 91.8	1.50	67
Vilas	106	78.4	70.6, 86.2	-0.05	33
Walworth	276	79.6	74.9, 84.4	0.24	46
Washburn	66	82.5	73.3, 91.6	0.89	61
Washington	318	71.9	67.0, 76.8	-1.55	6
Waukesha	1,006	73.1	70.4, 75.9	-1.26	9
Waupaca	208	78.1	72.4, 83.7	-0.12	30
Waushara	138	77.5	70.5, 84.4	-0.26	26
Winnebago	537	83.1	79.9, 86.2	1.03	62
Wood	317	76.9	72.3, 81.6	-0.39	23

BINGE DRINKING

What it is:	Binge Drinking is a measure of the percentage of the population that drinks more than five alcoholic beverages in one day, at least once per month. This measure is obtained from answers to the question “Considering all types of alcoholic beverages, how many times during the past 30 days did you have 5 or more drinks on an occasion?”
Where it comes from:	Data obtained from the Behavioral Risk Factor Surveillance System (BRFSS), a national random digit dial telephone survey. BRFSS Data are representative of the total non-institutionalized Wisconsin population over 18 years of age living in households with a land-line telephone. The data are age-adjusted and weighted by population.
Why it is included:	Alcohol abuse can have lasting effects on organs such as the liver, heart, brain, and stomach, and also can cause short-term psychosocial problems, including violence and drunk driving.
Years of data used:	1998-2004
Weight in Health Determinants:	10%
Range of Measure in Wisconsin Counties (Minimum, Maximum):	9.3%, 45.8%
Measure in Wisconsin:	24.5%
Summary Measure:	Health Determinants – Health Behaviors



LEGEND →

Sample Size Number of respondents on the BRFSS

% Binge Drinking See above

95% CI 95% confidence interval, calculated as $1.96 * \sqrt{\frac{p(1-p)}{n}}$, where p is the prevalence and n is the sample size.

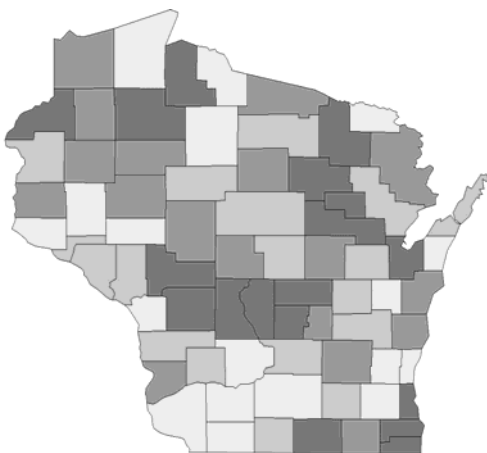
Z-Score (Measure – State Average)/(Standard Deviation)

← **MAP** The counties are ranked by quartiles, with lighter counties having lower binge drinking rates.

County Name	Sample Size	% Binge Drinking	95% CI	Z-Score	Rank
Adams	110	24.4	16.4, 32.4	0.08	43
Ashland	82	19.4	10.8, 28.0	-0.72	11
Barron	189	25.9	19.7, 32.1	0.33	49
Bayfield	98	26.7	18.0, 35.5	0.46	53
Brown	914	30.0	27.1, 33.0	1.00	63
Buffalo	67	31.1	20.0, 42.2	1.17	67
Burnett	68	16.2	7.4, 24.9	-1.25	7
Calumet	179	29.2	22.6, 35.9	0.86	60
Chippewa	259	23.3	18.2, 28.5	-0.09	35
Clark	152	20.1	13.7, 26.5	-0.61	16
Columbia	209	19.5	14.2, 24.9	-0.70	12
Crawford	78	22.1	12.9, 31.3	-0.29	27
Dane	1,791	25.5	23.4, 27.5	0.26	48
Dodge	342	22.7	18.2, 27.1	-0.20	33
Door	124	20.1	13.1, 27.2	-0.61	17
Douglas	171	24.8	18.3, 31.3	0.15	45
Dunn	165	32.8	25.6, 39.9	1.44	69
Eau Claire	343	27.9	23.2, 32.7	0.66	56
Florence	20	13.1	0, 27.9	-1.74	4
Fond du Lac	404	23.9	19.7, 28.0	0.00	39
Forest	48	22.2	10.4, 33.9	-0.28	28
Grant	190	29.3	22.8, 35.8	0.88	61
Green	160	21.1	14.8, 27.5	-0.44	24
Green Lake	87	26.7	17.4, 35.9	0.45	52
Iowa	95	22.5	14.1, 31.0	-0.22	30
Iron	41	16.8	5.4, 28.3	-1.14	8
Jackson	70	19.6	10.3, 28.9	-0.69	13
Jefferson	259	27.8	22.4, 33.3	0.64	55
Juneau	94	20.1	12.0, 28.3	-0.60	18
Kenosha	401	22.6	18.5, 26.7	-0.20	32
Kewaunee	95	30.1	20.9, 39.4	1.01	65
La Crosse	456	29.5	25.3, 33.7	0.91	62
Lafayette	69	24.0	13.9, 34.1	0.02	40
Langlade	82	14.9	7.2, 22.6	-1.46	5
Lincoln	126	26.0	18.3, 33.6	0.34	50
Manitowoc	395	25.2	20.9, 29.5	0.21	47
Marathon	561	26.1	22.4, 29.7	0.35	51
Marinette	189	23.5	17.5, 29.5	-0.06	37
Marquette	62	23.8	13.2, 34.4	-0.01	38
Menominee	13	45.8	18.7, 72.8	3.00	72
Milwaukee	5,717	24.1	23.0, 25.2	0.04	41
Monroe	165	21.6	15.3, 27.8	-0.38	25
Oconto	173	31.0	24.1, 37.9	1.16	66
Oneida	153	21.1	14.6, 27.5	-0.45	23
Outagamie	667	32.3	28.8, 35.9	1.37	68
Ozaukee	267	21.8	16.8, 26.7	-0.34	26
Pepin	34	42.7	26.0, 59.3	3.00	71
Pierce	140	20.2	13.6, 26.9	-0.59	19
Polk	175	17.5	11.9, 23.2	-1.03	9
Portage	280	28.1	22.8, 33.4	0.68	57
Price	83	20.0	11.4, 28.6	-0.63	14
Racine	662	25.0	21.7, 28.3	0.18	46
Richland	76	15.2	7.1, 23.3	-1.40	6
Rock	555	22.9	19.4, 26.4	-0.15	34
Rusk	64	11.5	3.7, 19.4	-2.00	2
Sauk	226	24.2	18.6, 29.8	0.05	42
Sawyer	65	9.3	2.3, 16.4	-2.36	1
Shawano	176	28.7	22.0, 34.5	0.78	59
Sheboygan	486	22.2	18.6, 25.9	-0.26	29
St. Croix	245	34.3	28.3, 40.2	1.69	70
Taylor	87	30.1	20.5, 29.8	1.01	64
Trempealeau	126	28.3	20.4, 36.1	0.71	58
Vernon	118	20.5	13.2, 27.7	-0.55	20
Vilas	112	20.7	13.2, 28.2	-0.51	22
Walworth	300	18.0	13.6, 22.3	-0.95	10
Washburn	72	12.6	4.9, 20.3	-1.83	3
Washington	359	20.1	15.9, 24.2	-0.61	15
Waukesha	1,123	20.6	18.2, 22.9	-0.54	21
Waupaca	233	22.6	17.2, 28.0	-0.21	31
Waushara	152	24.6	17.7, 31.4	0.11	44
Winnebago	605	27.5	23.9, 31.1	0.59	54
Wood	360	23.5	19.1, 27.8	-0.07	36

TEEN BIRTH RATE

What it is:	Teen Birth Rate is a measure of the average annual birth rate per 1,000 females aged 15-19.
Where it comes from:	These data are obtained from the Wisconsin Interactive Statistics on Health (WISH) database, from the Department of Health and Family Services, Division of Public Health, Bureau of Health Information and Policy.
Why it is included:	Pregnant teens and teen mothers are at a higher risk of acquiring STDs, repeat pregnancy, and lower likelihood of completing school. The child is likely to be born with low birth weight, and is at a higher risk of infanticide or child abuse.
Years of data used:	2000-2003
Weight in Health Determinants:	1%
Range of Measure in Wisconsin Counties (Minimum, Maximum):	9.6, 94.2 births per 1,000 teens
Measure in Wisconsin:	33.6 births per 1,000 teens
Summary Measure:	Health Determinants – Health Behaviors



LEGEND →

Females Age 15-19 Sum of number of females aged 15-19 from 2000 to 2003 by year

Teen Births per 1,000 See above

95% CI 95% confidence interval, reported by WISH

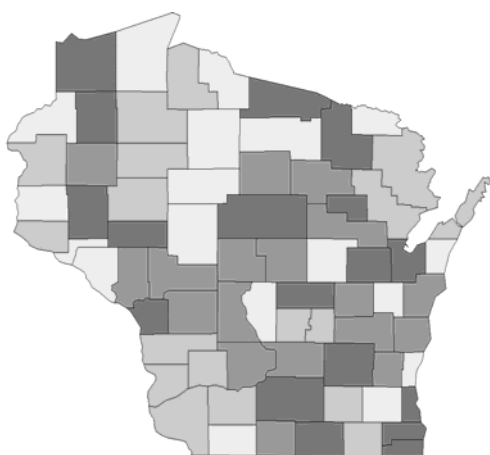
Z-Score $(\text{Measure} - \text{State Average}) / (\text{Standard Deviation})$

← **MAP** The counties are ranked by quartiles, with lighter counties having lower teen birth rates.

County Name	Teen Births per				Rank
	Females Age 15-19	1,000	95% CI	Z-Score	
Adams	1,986	45.3	36.2, 54.5	1.23	67
Ashland	2,853	35.8	28.9, 42.6	0.48	55
Barron	6,787	30.9	26.8, 35.1	0.10	49
Bayfield	1,987	20.1	14.0, 26.3	-0.75	13
Brown	33,840	36.2	34.2, 38.2	0.52	57
Buffalo	1,945	23.1	16.5, 29.8	-0.51	24
Burnett	2,055	39.4	31.0, 47.8	0.77	59
Calumet	6,342	16.6	13.4, 19.7	-1.03	5
Chippewa	8,298	29.9	26.2, 33.6	0.02	46
Clark	5,513	27.4	23.1, 31.7	-0.18	37
Columbia	7,180	23.0	19.5, 26.5	-0.53	23
Crawford	2,538	34.7	27.6, 41.9	0.39	53
Dane	65,714	21.0	19.9, 22.1	-0.68	15
Dodge	11,835	28.6	25.6, 31.7	-0.08	42
Door	3,406	24.4	19.2, 29.6	-0.42	28
Douglas	6,413	33.5	29.1, 37.9	0.30	52
Dunn	8,375	17.9	15.1, 20.8	-0.92	7
Eau Claire	18,626	18.7	16.7, 20.6	-0.86	10
Florence	598	20.1	8.8, 31.3	-0.75	12
Fond du Lac	14,702	25.9	23.3, 28.4	-0.30	32
Forest	1,459	42.5	32.1, 52.9	1.01	64
Grant	8,798	20.9	17.9, 23.9	-0.69	14
Green	4,680	24.4	19.9, 28.8	-0.42	27
Green Lake	2,609	30.7	24.1, 37.3	0.08	48
Iowa	3,302	21.8	16.8, 26.8	-0.62	17
Iron	840	14.3	6.3, 22.3	-1.21	4
Jackson	2,426	41.2	33.3, 49.1	0.91	60
Jefferson	12,211	25.1	22.3, 27.8	-0.36	29
Juneau	3,292	42.2	35.4, 49.1	0.99	63
Kenosha	22,074	42.0	39.4, 44.6	0.97	61
Kewaunee	3,034	21.4	16.3, 26.6	-0.65	16
La Crosse	20,127	19.3	17.4, 21.2	-0.81	11
Lafayette	2,607	21.9	16.3, 27.5	-0.61	18
Langlade	2,817	43.3	35.8, 50.8	1.07	65
Lincoln	3,921	28.6	23.4, 33.8	-0.09	41
Manitowoc	12,081	29.3	26.3, 32.3	-0.03	45
Marathon	18,936	26.5	24.2, 28.7	-0.25	35
Marquette	6,419	27.9	23.9, 31.9	-0.14	39
Marquette	1,955	43.5	34.4, 52.5	1.09	66
Menominee	839	94.2	74.4, 113.9	3.00	72
Milwaukee	134,729	66.3	65.0, 67.6	2.88	71
Monroe	6,289	36.6	32.0, 41.2	0.54	58
Oconto	5,175	25.7	21.4, 30.0	-0.31	31
Oneida	4,595	22.2	17.9, 26.5	-0.59	20
Outagamie	24,252	26.4	24.4, 28.4	-0.26	34
Ozaukee	11,815	9.6	7.8, 11.3	-1.58	1
Pepin	1,178	22.1	13.7, 30.5	-0.60	19
Pierce	8,111	11.5	9.2, 13.8	-1.43	2
Polk	6,067	26.4	22.3, 30.4	-0.26	33
Portage	12,995	22.2	19.7, 24.8	-0.58	21
Price	2,048	18.1	12.3, 23.8	-0.91	8
Racine	26,594	48.7	46.1, 51.3	1.50	70
Richland	2,770	23.5	17.8, 29.1	-0.49	26
Rock	21,601	46.6	43.8, 49.4	1.33	68
Rusk	2,187	29.3	22.2, 36.3	-0.03	44
Sauk	7,613	18.1	15.5, 20.8	-0.91	9
Sawyer	2,196	35.9	31.7, 40.0	0.49	56
Shawano	5,675	47.4	38.5, 56.2	1.39	69
Sheboygan	15,709	27.8	23.6, 32.1	-0.14	38
St. Croix	9,546	32.0	29.2, 34.7	0.18	50
Taylor	3,047	23.3	17.9, 28.7	-0.50	25
Trempealeau	3,664	26.8	21.5, 32.0	-0.23	36
Vernon	4,263	25.3	20.6, 30.1	-0.34	30
Vilas	2,393	32.6	25.5, 39.7	0.23	51
Walworth	14,197	28.9	26.1, 31.6	-0.06	43
Washburn	2,109	35.1	27.2, 42.9	0.43	54
Washington	15,976	17.9	15.9, 20.0	-0.92	6
Waukesha	49,712	12.8	11.8, 13.8	-1.33	3
Waupaca	7,212	30.2	26.3, 34.2	0.04	47
Wausara	3,062	42.1	35.0, 49.2	0.98	62
Winnebago	24,644	22.9	21.0, 24.7	-0.54	22
Wood	10,893	28.6	25.4, 31.7	-0.09	40

SEXUALLY TRANSMITTED DISEASE

What it is:	Sexually Transmitted Disease is a measure of the average annual number of reported cases of chlamydia, gonorrhea, syphilis, and genital herpes as the crude rate per 100,000 in the population. The reported rate is not age-adjusted.
Where it comes from:	These data are obtained from the Communicable Disease Resources section focusing on Sexually Transmitted Disease in the Wisconsin Department of Health and Family Services (DHFS).
Why it is included:	If left untreated, many STDs can develop into more serious health problems. In addition, STDs are generally quite contagious, and the prevalence of STDs is a proxy for high risk sexual behavior.
Years of data used:	2001-2004
Weight in Health Determinants:	1%
Range of Measure in Wisconsin Counties (Minimum, Maximum):	39, 1568 cases per 100,000
Measure in Wisconsin:	440 cases per 100,000
Summary Measure:	Health Determinants – Health Behaviors

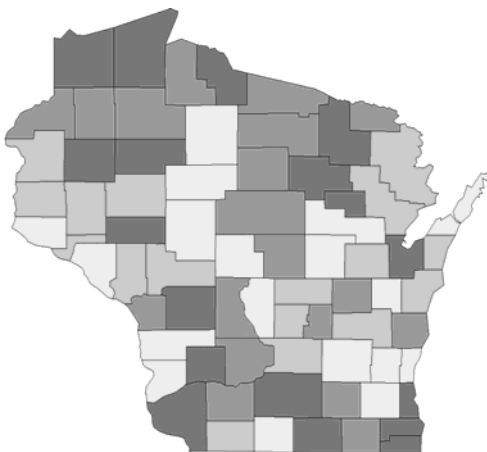


LEGEND →	
Aggregate Population	Sum of the population from 2001 to 2004 by year
Cases per 100,000	See above
Z-Score	$(\text{Measure} - \text{State Average}) / (\text{Standard Deviation})$
← MAP	The counties are ranked by quartiles, with lighter counties having lower STD rates.

County Name	Aggregate Population	Cases per 100,000	Z-Score	Rank
Adams	81,925	124	-0.49	18
Ashland	67,568	158	-0.35	26
Barron	183,545	221	-0.09	46
Bayfield	61,313	56	-0.76	3
Brown	937,373	429	0.75	64
Buffalo	55,731	92	-0.62	7
Burnett	64,796	95	-0.60	8
Calumet	172,913	81	-0.66	6
Chippewa	230,686	176	-0.28	36
Clark	136,346	120	-0.50	17
Columbia	215,945	192	-0.21	40
Crawford	69,145	165	-0.32	29
Dane	1,780,415	437	0.78	65
Dodge	350,134	518	1.11	69
Door	114,595	165	-0.32	28
Douglas	175,006	259	0.06	56
Dunn	164,731	264	0.08	57
Eau Claire	380,673	408	0.66	63
Florence	20,563	44	-0.81	2
Fond du Lac	395,140	223	-0.09	48
Forest	40,351	324	0.32	60
Grant	200,446	155	-0.36	25
Green	138,317	196	-0.20	43
Green Lake	77,007	166	-0.32	31
Iowa	93,374	149	-0.38	24
Iron	27,480	66	-0.72	4
Jackson	78,057	195	-0.20	42
Jefferson	309,440	173	-0.29	34
Juneau	100,599	257	0.05	54
Kenosha	619,084	445	0.81	66
Kewaunee	82,424	101	-0.58	11
La Crosse	435,183	407	0.66	62
Lafayette	65,095	96	-0.60	9
Langlade	84,102	180	-0.26	38
Lincoln	120,277	225	-0.08	49
Manitowoc	333,775	180	-0.26	37
Marathon	513,337	268	0.10	58
Marinette	175,224	149	-0.38	23
Marquette	59,513	128	-0.47	19
Menominee	18,458	1568	3.00	72
Milwaukee	3,753,910	1466	3.00	71
Monroe	168,313	255	0.05	53
Oconto	148,512	165	-0.32	30
Oneida	149,485	120	-0.50	16
Outagamie	667,992	258	0.06	55
Ozaukee	338,024	99	-0.59	10
Pepin	29,727	72	-0.70	5
Pierce	152,036	138	-0.43	21
Polk	172,669	174	-0.28	35
Portage	272,760	222	-0.09	47
Price	63,059	101	-0.58	12
Racine	765,665	613	1.49	70
Richland	72,487	136	-0.44	20
Rock	619,328	479	0.95	68
Rusk	61,612	145	-0.40	22
Sauk	228,618	240	-0.02	50
Sawyer	66,970	170	-0.30	32
Shawano	165,656	193	-0.21	41
Sheboygan	457,154	249	0.02	52
St. Croix	279,690	120	-0.50	15
Taylor	79,055	39	-0.83	1
Trempealeau	110,004	219	-0.10	45
Vernon	114,605	172	-0.29	33
Vilas	86,978	279	0.14	59
Walworth	384,638	160	-0.34	27
Washburn	66,195	327	0.34	61
Washington	487,621	210	-0.14	44
Waukesha	1,484,286	104	-0.57	13
Waupaca	210,780	109	-0.55	14
Waushara	96,561	454	0.85	67
Winnebago	639,070	248	0.02	51
Wood	303,390	188	-0.23	39

VIOLENT CRIME

What it is:	Violent Crime is a measure of the annual number of reported violent crimes per 100,000 in the population. Crimes that are defined as violent are offenses that involved face-to-face confrontation between victim and perpetrator, including murder and non-negligent manslaughter, forcible rape, robbery, and aggravated assault.
Where it comes from:	These data are obtained from the Crime and Arrests Reports, published by the Wisconsin Office of Justice Assistance (OJA).
Why it is included:	Violent crime rates are closely associated with mortality, and have a potential number of other effects on psychological and social health.
Years of data used:	2000-2003
Weight in Health Determinants:	1.5%
Range of Measure in Wisconsin Counties (Minimum, Maximum):	35, 1507 crimes per 100,000
Measure in Wisconsin:	225 crimes per 100,000
Summary Measure:	Health Determinants – Health Behaviors

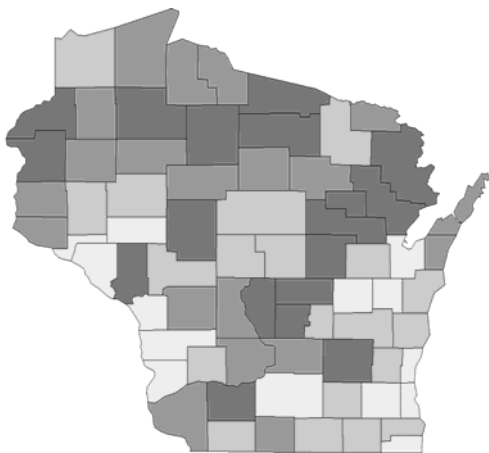


LEGEND →	
Aggregate Population	Sum of the population from 2000 to 2003 by year
Crimes per 100,000	See above
Z-Score	$(\text{Measure} - \text{State Average}) / (\text{Standard Deviation})$
← MAP	The counties are ranked by quartiles, with lighter counties having lower violent crime rates.

County Name	Aggregate Population	Crimes per 100,000	Z-Score	Rank
Adams	79,866	44	-0.53	4
Ashland	67,528	111	-0.17	41
Barron	182,064	193	0.27	62
Bayfield	60,823	214	0.39	64
Brown	925,472	187	0.24	61
Buffalo	55,554	55	-0.47	7
Burnett	63,924	113	-0.16	42
Calumet	169,131	42	-0.54	3
Chippewa	225,888	75	-0.36	23
Clark	135,485	57	-0.46	9
Columbia	213,502	77	-0.35	24
Crawford	69,021	35	-0.58	1
Dane	1,753,433	228	0.46	65
Dodge	347,589	71	-0.38	18
Door	113,611	47	-0.52	5
Douglas	174,429	177	0.19	59
Dunn	162,798	74	-0.37	20
Eau Claire	378,161	165	0.12	58
Florence	20,492	126	-0.09	47
Fond du Lac	393,013	74	-0.37	22
Forest	40,244	288	0.79	69
Grant	199,686	144	0.01	56
Green	136,807	56	-0.47	8
Green Lake	76,780	124	-0.10	46
Iowa	92,500	108	-0.18	40
Iron	27,480	140	-0.01	55
Jackson	77,455	99	-0.23	35
Jefferson	304,890	107	-0.19	39
Juneau	99,380	127	-0.08	48
Kenosha	611,178	250	0.58	67
Kewaunee	81,740	79	-0.34	25
La Crosse	432,702	137	-0.03	54
Lafayette	64,905	74	-0.37	21
Langlade	83,654	185	0.23	60
Lincoln	119,576	115	-0.15	43
Manitowoc	333,118	94	-0.26	31
Marathon	509,573	128	-0.07	49
Marinette	174,610	97	-0.25	33
Marquette	60,268	95	-0.25	32
Menominee	18,416	1507	3.00	72
Milwaukee	3,759,142	651	2.74	71
Monroe	166,480	148	0.03	57
Oconto	146,352	86	-0.31	28
Oneida	148,625	130	-0.07	52
Outagamie	659,495	98	-0.24	34
Ozaukee	334,674	48	-0.51	6
Pepin	29,405	87	-0.30	29
Pierce	150,152	71	-0.38	17
Polk	169,889	93	-0.26	30
Portage	271,443	102	-0.22	36
Price	63,077	69	-0.40	15
Racine	761,606	282	0.75	68
Richland	72,187	208	0.36	63
Rock	615,455	234	0.49	66
Rusk	61,470	327	0.99	70
Sauk	225,395	134	-0.04	53
Sawyer	66,079	102	-0.22	37
Shawano	164,453	67	-0.41	14
Sheboygan	454,601	107	-0.19	38
St. Croix	268,914	81	-0.33	26
Taylor	78,853	63	-0.43	13
Trempealeau	109,287	85	-0.31	27
Vernon	113,722	62	-0.43	12
Vilas	85,856	129	-0.07	50
Walworth	380,444	117	-0.14	44
Washburn	65,450	120	-0.12	45
Washington	480,673	58	-0.45	11
Waukesha	1,469,722	69	-0.39	16
Waupaca	209,398	58	-0.46	10
Waushara	95,186	73	-0.37	19
Winnebago	634,364	130	-0.07	51
Wood	302,966	41	-0.55	2

MOTOR VEHICLE CRASH DEATHS

What it is:	Motor Vehicle Crash Deaths is a measure of the average annual mortality rate per 100,000 in the population due to motor vehicle crashes.
Where it comes from:	These data are obtained from the Wisconsin Interactive Statistics on Health (WISH) database from the Department of Health and Family Services, Division of Public Health, Bureau of Health Information and Policy. The death counts are queried from the Injury-Related Mortality Module, using all motor vehicle traffic crash deaths as external causes.
Why it is included:	Because alcohol use is a factor in many motor vehicle crash deaths, this measure is a proxy for alcohol use while driving, and may also reflect the safety of the traffic system.
Years of data used:	2000-2003
Weight in Health Determinants:	1.5%
Range of Measure in Wisconsin Counties (Minimum, Maximum):	0, 66 deaths per 100,000
Measure in Wisconsin:	14 deaths per 100,000
Summary Measure:	Health Determinants – Health Behaviors



LEGEND →

Aggregate Population	Sum of the population from 2000 to 2003 by year
Deaths per 1,000	See above
95% CI	95% confidence interval, reported by WISH
Z-Score	$(\text{Measure} - \text{State Average}) / (\text{Standard Deviation})$

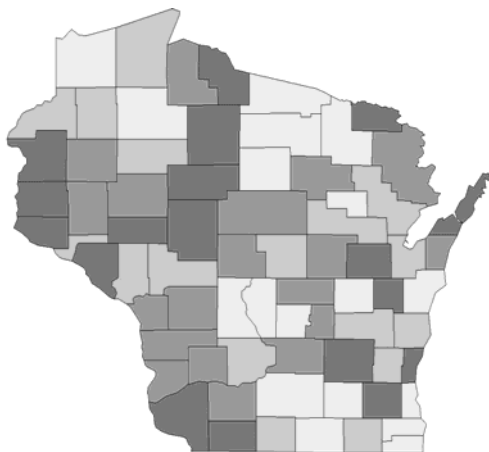
← MAP

The counties are ranked by quartiles, with lighter counties having less deaths due to motor vehicle crashes.

County Name	Aggregate Population	Deaths per 100,000	95% CI	Z-Score	Rank
Adams	79,866	50	34.1, 64.9	2.81	71
Ashland	67,528	23	11.4, 34.2	0.25	52
Barron	182,064	21	14.7, 28.2	0.12	48
Bayfield	60,823	23	10.9, 35.0	0.26	53
Brown	925,472	11	9.1, 13.5	-0.86	9
Buffalo	55,554	0	-	-1.95	1
Burnett	63,924	41	25.4, 56.8	2.01	70
Calumet	169,131	12	6.6, 17.0	-0.81	10
Chippewa	225,888	16	10.6, 21.0	-0.43	27
Clark	135,485	32	22.9, 42.1	1.18	64
Columbia	213,502	22	15.9, 28.5	0.19	49
Crawford	69,021	13	4.3, 21.1	-0.73	13
Dane	1,753,433	9	7.9, 10.8	-1.05	7
Dodge	347,589	27	21.1, 31.9	0.60	59
Door	113,611	19	11.2, 27.3	-0.09	39
Douglas	174,429	14	8.5, 19.7	-0.59	19
Dunn	162,798	17	10.8, 23.5	-0.30	29
Eau Claire	378,161	12	8.9, 16.0	-0.75	12
Florence	20,492	20	0.8, 39.8	0.00	42
Fond du Lac	393,013	14	10.4, 17.8	-0.59	18
Forest	40,244	17	4.4, 30.1	-0.29	31
Grant	199,686	21	14.4, 27.0	0.04	46
Green	136,807	20	12.7, 27.8	0.00	43
Green Lake	76,780	14	5.6, 22.2	-0.61	16
Iowa	92,500	31	19.3, 41.8	0.99	63
Iron	27,480	18	2.0, 33.4	-0.24	35
Jackson	77,455	15	6.6, 24.1	-0.47	23
Jefferson	304,890	17	12.6, 21.8	-0.29	30
Juneau	99,380	19	10.1, 27.0	-0.16	38
Kenosha	611,178	12	9.5, 15.0	-0.77	11
Kewaunee	81,740	22	12.1, 32.6	0.20	51
La Crosse	432,702	8	5.6, 11.0	-1.15	4
Lafayette	64,905	14	5.1, 23.5	-0.57	20
Langlade	83,654	21	10.9, 30.3	0.03	45
Lincoln	119,576	20	11.8, 27.7	-0.05	40
Manitowoc	333,118	14	9.8, 17.7	-0.63	15
Marathon	509,573	17	13.8, 21.0	-0.28	34
Marinette	174,610	27	19.5, 35.0	0.67	61
Marquette	60,268	33	18.6, 47.6	1.24	65
Menominee	18,416	66	28.7, 102.8	3.00	72
Milwaukee	3,759,142	8	7.2, 9.0	-1.17	3
Monroe	166,480	21	13.8, 27.7	0.04	47
Oconto	146,352	35	25.3, 44.4	1.40	66
Oneida	148,625	27	18.3, 34.8	0.60	60
Outagamie	659,495	16	12.6, 18.7	-0.44	26
Ozaukee	334,674	9	5.7, 12.1	-1.09	5
Pepin	29,405	0	-	-1.95	1
Pierce	150,152	21	13.4, 27.9	0.03	44
Polk	169,889	35	26.3, 44.1	1.44	67
Portage	271,443	15	10.8, 20.1	-0.46	24
Price	63,077	25	12.6, 37.3	0.45	57
Racine	761,606	14	11.7, 17.1	-0.56	21
Richland	72,187	17	7.7, 26.9	-0.28	32
Rock	615,455	17	14.0, 20.6	-0.28	33
Rusk	61,470	23	11.2, 35.2	0.28	54
Sauk	225,395	18	14.7, 25.4	-0.20	37
Sawyer	66,079	40	12.6, 23.8	1.93	69
Shawano	164,453	25	25.0, 55.7	0.44	56
Sheboygan	454,601	15	17.2, 32.4	-0.52	22
St. Croix	268,914	20	11.3, 18.4	-0.02	41
Taylor	78,853	22	11.8, 32.6	0.19	50
Trempealeau	109,287	24	14.6, 32.9	0.34	55
Vernon	113,722	13	6.7, 20.2	-0.66	14
Vilas	85,856	25	14.5, 35.7	0.46	58
Walworth	380,444	14	10.2, 17.8	-0.60	17
Washburn	65,450	18	7.6, 28.1	-0.23	36
Washington	480,673	16	12.1, 19.1	-0.45	25
Waukesha	1,469,722	9	7.7, 10.8	-1.05	6
Waupaca	209,398	28	20.9, 35.2	0.75	62
Waushara	95,186	38	25.3, 49.9	1.67	68
Winnebago	634,364	10	7.3, 12.1	-1.01	8
Wood	302,966	17	12.0, 21.2	-0.35	28

HIGH SCHOOL GRADUATION RATE

What it is:	High School Graduation Rate is a measure of the proportion of a cohort of students who graduate high school in four years. The numbers of graduates and dropouts for each school district within a county were pooled to calculate the county-level values. The graduation rate is calculated as the number of graduates / (number of graduates + number of cohort dropouts).
Where it comes from:	These data are obtained from the Wisconsin Department of Public Instruction (DPI), using the retention School Performance Report.
Why it is included:	There is evidence that people who graduate from high school have longer, healthier, and happier lives than those who do not attain a high school degree.
Years of data used:	2002-2003 school year
Weight in Health Determinants:	6.7%
Range of Measure in Wisconsin Counties (Minimum, Maximum):	75.8%, 98.9%
Measure in Wisconsin:	91.8%
Summary Measure:	Health Determinants – Socioeconomic Factors



LEGEND →

% Graduation See above

Z-Score $(\text{Measure} - \text{State Average}) / (\text{Standard Deviation})$

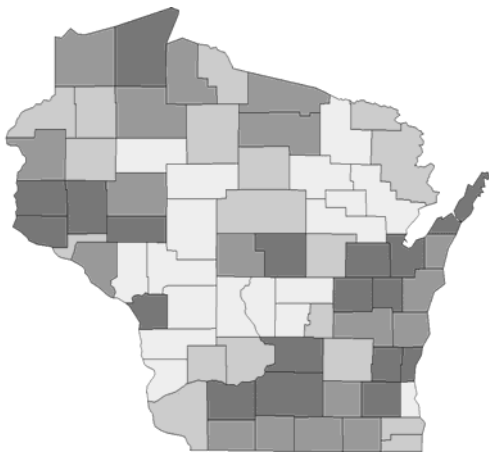
← MAP

The counties are ranked by quartiles, with lighter counties having lower high school graduation rates.

County Name	% Graduation	Z-Score	Rank
Adams	92.6	0.43	58
Ashland	95.8	-0.28	36
Barron	96.2	-0.37	29
Bayfield	93.5	0.23	54
Brown	93.8	0.17	52
Buffalo	98.1	-0.80	10
Burnett	94.2	0.07	50
Calumet	98.0	-0.76	12
Chippewa	96.3	-0.39	28
Clark	97.7	-0.70	16
Columbia	96.5	-0.44	25
Crawford	97.5	-0.67	19
Dane	92.2	0.52	60
Dodge	98.4	-0.85	6
Door	97.6	-0.68	17
Douglas	82.8	2.60	70
Dunn	96.4	-0.41	27
Eau Claire	98.9	-0.98	1
Florence	98.3	-0.85	8
Fond du Lac	94.3	0.06	47
Forest	92.9	0.37	57
Grant	98.4	-0.86	4
Green	95.3	-0.18	42
Green Lake	97.3	-0.62	21
Iowa	95.8	-0.29	35
Iron	98.8	-0.96	2
Jackson	95.5	-0.21	40
Jefferson	93.4	0.24	55
Juneau	90.3	0.94	67
Kenosha	91.2	0.74	63
Kewaunee	96.8	-0.51	23
La Crosse	95.9	-0.30	33
Lafayette	98.3	-0.85	7
Langlade	96.1	-0.34	31
Lincoln	92.1	0.53	61
Manitowoc	92.1	0.54	62
Marathon	96.1	-0.35	30
Marinette	96.0	-0.33	32
Marquette	90.4	0.91	66
Menominee	76.3	3.00	71
Milwaukee	75.8	3.00	72
Monroe	97.1	-0.57	22
Oconto	94.2	0.07	49
Oneida	86.8	1.73	68
Outagamie	98.0	-0.76	11
Ozaukee	98.2	-0.83	9
Pepin	95.5	-0.21	39
Pierce	98.4	-0.86	5
Polk	97.7	-0.70	15
Portage	94.9	-0.08	44
Price	97.6	-0.68	18
Racine	83.0	2.58	69
Richland	96.4	-0.42	26
Rock	91.1	0.76	64
Rusk	95.4	-0.19	41
Sauk	94.2	0.08	51
Sawyer	91.0	0.79	65
Shawano	95.0	-0.11	43
Sheboygan	94.2	0.06	48
St. Croix	97.7	-0.70	14
Taylor	97.7	-0.71	13
Trempealeau	95.5	-0.22	38
Vernon	96.6	-0.46	24
Vilas	93.3	0.27	56
Walworth	94.5	0.01	46
Washburn	93.7	0.19	53
Washington	94.6	-0.02	45
Waukesha	98.5	-0.88	3
Waupaca	95.8	-0.29	34
Waushara	95.8	-0.28	37
Winnebago	92.3	0.50	59
Wood	97.5	-0.66	20

LEVEL OF EDUCATION

What it is:	Level of Education is a measure of the percentage of the population over age 25 that has graduated from high school.
Where it comes from:	These data are obtained from the United States Decennial Census.
Why it is included:	While the mechanisms for the effect of education on health are as of yet undetermined, there is an overwhelming amount of evidence that shows better health outcomes with higher education.
Years of data used:	2000
Weight in Health Determinants:	6.7%
Range of Measure in Wisconsin Counties (Minimum, Maximum):	75.4%, 92.2%
Measure in Wisconsin:	85.1%
Summary Measure:	Health Determinants – Socioeconomic Factors



LEGEND →

% With a HS Degree See above

Z-Score $(\text{Measure} - \text{State Average}) / (\text{Standard Deviation})$

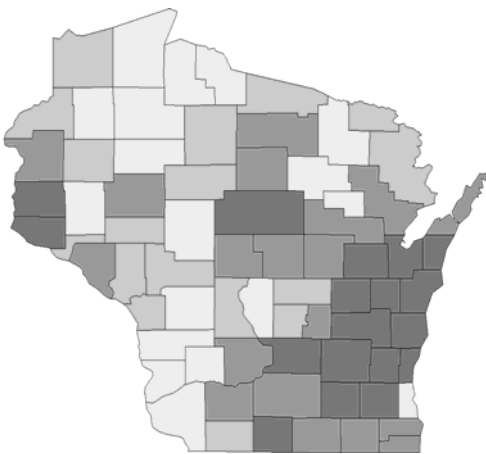
← MAP

The counties are ranked by quartiles, with lighter counties having less high school graduates.

County Name	% With a HS Degree	Z-Score	Rank
Adams	76.7	1.97	71
Ashland	84.1	-0.07	34
Barron	82.4	0.41	50
Bayfield	86.9	-0.85	13
Brown	86.3	-0.67	16
Buffalo	84.1	-0.08	32
Burnett	82.8	0.3	45
Calumet	87.3	-0.95	12
Chippewa	84.3	-0.11	29
Clark	75.4	2.33	72
Columbia	86.2	-0.64	18
Crawford	81.3	0.7	56
Dane	92.2	-2.28	1
Dodge	82.3	0.42	51
Door	87.8	-1.08	11
Douglas	85.9	-0.55	20
Dunn	86.6	-0.77	14
Eau Claire	88.9	-1.39	7
Florence	83.7	0.03	39
Fond du Lac	84.2	-0.1	30
Forest	78.5	1.47	67
Grant	83.5	0.1	43
Green	84.1	-0.07	33
Green Lake	81.9	0.53	53
Iowa	88.5	-1.27	9
Iron	83.7	0.04	40
Jackson	79.0	1.34	63
Jefferson	84.7	-0.23	26
Juneau	78.5	1.48	68
Kenosha	83.5	0.09	41
Kewaunee	84.0	-0.04	35
La Crosse	89.7	-1.6	5
Lafayette	85.5	-0.46	21
Langlade	80.9	0.81	59
Lincoln	81.6	0.62	54
Manitowoc	84.6	-0.19	27
Marathon	83.8	0.02	37
Marinette	82.5	0.36	48
Marquette	78.8	1.38	65
Menominee	78.2	1.54	70
Milwaukee	80.2	0.99	61
Monroe	81.1	0.77	57
Oconto	80.6	0.88	60
Oneida	85.1	-0.33	23
Outagamie	88.1	-1.18	10
Ozaukee	91.9	-2.2	3
Pepin	82.6	0.33	47
Pierce	89.6	-1.58	6
Polk	85.9	-0.56	19
Portage	86.5	-0.71	15
Price	82.4	0.4	49
Racine	82.9	0.26	44
Richland	82.1	0.49	52
Rock	83.9	-0.02	36
Rusk	79.1	1.3	62
Sauk	83.5	0.09	42
Sawyer	84.7	-0.23	25
Shawano	81.5	0.66	55
Sheboygan	84.4	-0.16	28
St. Croix	91.6	-2.13	4
Taylor	78.3	1.52	69
Trempealeau	80.9	0.8	58
Vernon	78.9	1.37	64
Vilas	85.4	-0.44	22
Walworth	84.2	-0.09	31
Washburn	83.7	0.03	38
Washington	88.8	-1.35	8
Waukesha	92.0	-2.23	2
Waupaca	82.7	0.33	46
Waushara	78.8	1.39	66
Winnebago	86.3	-0.67	17
Wood	84.8	-0.25	24

INCOME/HOUSEHOLD POVERTY RATIO

What it is:	Income/Household Poverty Ratio is a measure of the typical ratio of household income to the poverty level in the population. This measure takes into account both income level and household size.
Where it comes from:	These data are obtained from the United States Decennial Census.
Why it is included:	While the mechanism is unclear, much evidence shows that poverty is very strongly associated with health outcomes.
Years of data used:	2000
Weight in Health Determinants:	13.3%
Range of Measure in Wisconsin Counties (Minimum, Maximum):	1.78, 2.84 income/poverty ratio
Measure in Wisconsin:	2.57 income/poverty ratio
Summary Measure:	Health Determinants – Socioeconomic Factors

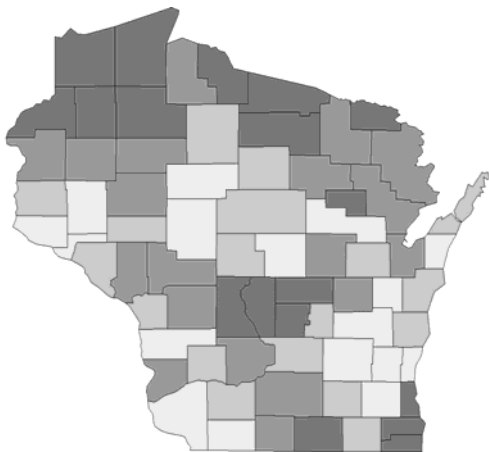


LEGEND →	
Income/Poverty Ratio	See above
Z-Score	$(\text{Measure} - \text{State Average}) / (\text{Standard Deviation})$
← MAP	The counties are ranked by quartiles, with lighter counties having either lower income per capita, higher poverty, or both.

County Name	Income/Poverty		Rank
	Ratio	Z-Score	
Adams	2.44	0.65	55
Ashland	2.37	1.10	64
Barron	2.49	0.31	47
Bayfield	2.36	1.13	66
Brown	2.64	-0.72	16
Buffalo	2.55	-0.10	33
Burnett	2.47	0.41	51
Calumet	2.76	-1.54	4
Chippewa	2.54	-0.06	37
Clark	2.36	1.14	67
Columbia	2.68	-0.97	10
Crawford	2.44	0.65	56
Dane	2.60	-0.45	24
Dodge	2.68	-1.00	8
Door	2.59	-0.36	29
Douglas	2.46	0.50	52
Dunn	2.42	0.76	61
Eau Claire	2.49	0.28	45
Florence	2.49	0.29	46
Fond du Lac	2.67	-0.91	11
Forest	2.35	1.23	68
Grant	2.43	0.69	58
Green	2.64	-0.74	13
Green Lake	2.58	-0.34	30
Iowa	2.61	-0.48	22
Iron	2.38	1.02	63
Jackson	2.45	0.52	54
Jefferson	2.68	-0.98	9
Juneau	2.46	0.52	53
Kenosha	2.61	-0.52	20
Kewaunee	2.64	-0.73	14
La Crosse	2.50	0.22	43
Lafayette	2.50	0.21	42
Langlade	2.43	0.70	59
Lincoln	2.57	-0.23	32
Manitowoc	2.65	-0.78	12
Marathon	2.63	-0.64	18
Marinette	2.50	0.25	44
Marquette	2.52	0.11	39
Menominee	1.78	3.00	72
Milwaukee	2.37	1.12	65
Monroe	2.42	0.73	60
Oconto	2.58	-0.29	31
Oneida	2.54	-0.07	35
Outagamie	2.72	-1.23	6
Ozaukee	2.84	-2.04	2
Pepin	2.51	0.17	40
Pierce	2.64	-0.73	15
Polk	2.59	-0.39	27
Portage	2.55	-0.08	34
Price	2.48	0.36	50
Racine	2.60	-0.46	23
Richland	2.42	0.78	62
Rock	2.62	-0.57	19
Rusk	2.35	1.24	69
Sauk	2.59	-0.41	25
Sawyer	2.34	1.30	71
Shawano	2.54	-0.06	36
Sheboygan	2.70	-1.09	7
St. Croix	2.76	-1.51	5
Taylor	2.50	0.21	41
Trempealeau	2.53	0.01	38
Vernon	2.34	1.29	70
Vilas	2.48	0.33	48
Walworth	2.59	-0.40	26
Washburn	2.43	0.68	57
Washington	2.79	-1.73	3
Waukesha	2.84	-2.05	1
Waupaca	2.59	-0.38	28
Waushara	2.48	0.34	49
Winnebago	2.64	-0.69	17
Wood	2.61	-0.52	21

PERCENT DIVORCED

What it is:	Percent Divorced is a measure of the percentage of adults in the population who report being divorced.
Where it comes from:	These data are obtained from the United States Decennial Census.
Why it is included:	Divorce has been shown to have adverse health effects on mental and social health, including anxiety, depression, and increased risk of alcohol abuse. (See Richards M, Hardy R, Wadsworth M. The effects of divorce and separation on mental health in a national UK birth cohort. <i>Psychological Medicine</i> . 1997;27:1121-1128.)
Years of data used:	2000
Weight in Health Determinants:	13.3%
Range of Measure in Wisconsin Counties (Minimum, Maximum):	6.5%, 11.1%
Measure in Wisconsin:	8.9%
Summary Measure:	Health Determinants – Socioeconomic Factors



LEGEND →

% Divorced	See above
Z-Score	$(\text{Measure} - \text{State Average}) / (\text{Standard Deviation})$

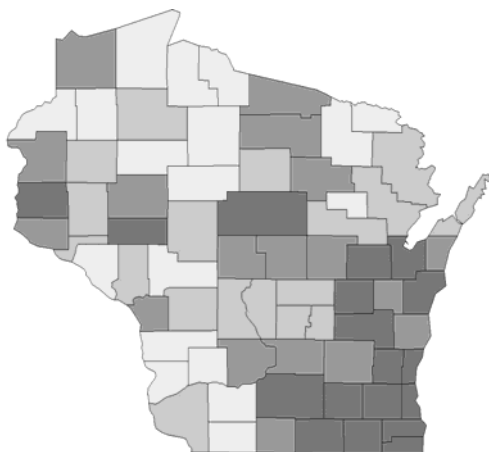
← MAP

The counties are ranked by quartiles, with lighter counties having a less people that have been divorced.

County Name	% Divorced	Z-Score	Rank
Adams	10.6	1.61	68
Ashland	9.0	0.22	43
Barron	9.3	0.49	51
Bayfield	10.6	1.56	66
Brown	9.1	0.30	48
Buffalo	7.8	-0.79	19
Burnett	10.4	1.42	64
Calumet	6.8	-1.59	4
Chippewa	8.7	-0.01	38
Clark	6.7	-1.74	3
Columbia	8.6	-0.10	34
Crawford	9.0	0.25	45
Dane	8.9	0.19	41
Dodge	7.6	-0.91	14
Door	8.6	-0.13	31
Douglas	11.0	1.93	71
Dunn	7.4	-1.13	10
Eau Claire	8.3	-0.36	26
Florence	10.9	1.82	70
Fond du Lac	7.7	-0.89	16
Forest	8.9	0.17	40
Grant	6.5	-1.87	2
Green	8.7	0.00	39
Green Lake	7.8	-0.80	18
Iowa	8.6	-0.12	32
Iron	9.8	0.89	58
Jackson	9.1	0.29	47
Jefferson	8.6	-0.13	30
Juneau	10.6	1.61	67
Kenosha	10.2	1.28	61
Kewaunee	6.5	-1.90	1
La Crosse	8.3	-0.32	27
Lafayette	7.4	-1.08	12
Langlade	9.3	0.49	52
Lincoln	8.3	-0.36	25
Manitowoc	7.8	-0.74	21
Marathon	7.8	-0.76	20
Marinette	9.0	0.26	46
Marquette	9.6	0.73	56
Menominee	11.1	1.97	72
Milwaukee	10.5	1.46	65
Monroe	9.3	0.50	53
Oconto	8.7	-0.03	36
Oneida	10.3	1.32	62
Outagamie	7.9	-0.68	22
Ozaukee	7.0	-1.43	7
Pepin	6.9	-1.50	6
Pierce	6.9	-1.51	5
Polk	9.5	0.66	54
Portage	7.1	-1.38	8
Price	8.6	-0.09	35
Racine	9.6	0.73	55
Richland	8.6	-0.12	33
Rock	10.7	1.64	69
Rusk	9.0	0.23	44
Sauk	9.3	0.46	50
Sawyer	10.4	1.39	63
Shawano	7.7	-0.82	17
Sheboygan	8.0	-0.58	23
St. Croix	8.1	-0.49	24
Taylor	7.5	-1.04	13
Trempealeau	8.7	-0.02	37
Vernon	7.7	-0.90	15
Vilas	9.9	1.02	60
Walworth	8.5	-0.22	29
Washburn	9.8	0.87	57
Washington	7.4	-1.12	11
Waukesha	7.1	-1.37	9
Waupaca	9.2	0.40	49
Waushara	9.8	0.90	59
Winnebago	9.0	0.19	42
Wood	8.5	-0.23	28

AIR QUALITY CANCER RISK

What it is:	Air Quality Cancer Risk is a measure of the lifetime cancer risk attributable to inhalation of air pollutants. This risk is based on EPA modeling of emissions and reported as the incidence of cancer per 1,000,000 people.
Where it comes from:	These data are obtained from the National Air Toxics Assessment (NATA), U. S. Environmental Protection Agency (EPA). Most of the data comes from state and locally generated information where available. Where such data are not available, existing data from EPA's regulatory development databases are utilized. If neither of these data sources contains information for a known stationary source, EPA uses data from the Toxic Release Inventory (TRI) database, which contains information on toxic chemical releases reported annually by industry and some federal facilities. The EPA reports that it also gives preference to emissions data resulting from direct measurements over those generated from emissions factors and activity data.
Why it is included:	The various pollutants measured by the NATA are known carcinogens, causing a variety of different types of cancer.
Years of data used:	1996
Weight in Health Determinants:	0.83%
Range of Measure in Wisconsin Counties (Minimum, Maximum):	21, 90 cases per 1,000,000
Measure in Wisconsin:	43 cases per 1,000,000
Summary Measure:	Health Determinants – Physical Environment



LEGEND →

Cases per
1,000,000

See above

Z-Score

$(\text{Measure} - \text{State Average}) / (\text{Standard Deviation})$

← MAP

The counties are ranked by quartiles, with lighter counties having a lower number of future cancers in the population due to the environment.

County Name	Cases per 1,000,000	Z-Score	Rank
Adams	24.3	-0.54	30
Ashland	22.8	-0.67	14
Barron	24.7	-0.51	34
Bayfield	21.2	-0.79	1
Brown	47.4	1.32	64
Buffalo	22.8	-0.67	16
Burnett	21.9	-0.74	3
Calumet	30.1	-0.08	49
Chippewa	28.4	-0.21	47
Clark	23.2	-0.64	20
Columbia	29.5	-0.13	48
Crawford	21.7	-0.75	2
Dane	43.4	0.99	63
Dodge	27.6	-0.28	45
Door	23.7	-0.60	27
Douglas	35.4	0.35	52
Dunn	24.5	-0.53	32
Eau Claire	42.9	0.95	62
Florence	22.0	-0.73	4
Fond du Lac	38.3	0.58	55
Forest	22.1	-0.72	5
Grant	23.2	-0.64	21
Green	26.9	-0.34	41
Green Lake	24.4	-0.54	31
Iowa	22.8	-0.67	15
Iron	22.6	-0.69	10
Jackson	22.2	-0.71	7
Jefferson	38.5	0.60	56
Juneau	25.3	-0.46	35
Kenosha	51.7	1.66	69
Kewaunee	27.0	-0.33	42
La Crosse	36.7	0.45	54
Lafayette	22.5	-0.69	9
Langlade	26.2	-0.39	40
Lincoln	24.7	-0.51	33
Manitowoc	39.8	0.70	59
Marathon	42.8	0.95	61
Marinette	23.1	-0.64	19
Marquette	24.0	-0.57	29
Menominee	22.2	-0.71	6
Milwaukee	90.4	3.00	72
Monroe	23.6	-0.61	24
Oconto	23.6	-0.60	25
Oneida	26.1	-0.40	39
Outagamie	71.4	3.00	71
Ozaukee	48.7	1.42	65
Pepin	23.2	-0.64	22
Pierce	27.4	-0.30	44
Polk	27.1	-0.32	43
Portage	30.4	-0.05	50
Price	22.3	-0.71	8
Racine	49.1	1.45	66
Richland	22.7	-0.67	13
Rock	49.7	1.50	67
Rusk	22.7	-0.67	12
Sauk	28.0	-0.25	46
Sawyer	23.8	-0.59	28
Shawano	25.5	-0.45	36
Sheboygan	32.7	0.13	51
St. Croix	38.8	0.62	58
Taylor	23.0	-0.65	18
Trempealeau	23.2	-0.63	23
Vernon	22.9	-0.66	17
Vilas	25.9	-0.42	38
Walworth	39.9	0.71	60
Washburn	22.7	-0.68	11
Washington	38.8	0.62	57
Waukesha	54.8	1.91	70
Waupaca	25.6	-0.44	37
Waushara	23.6	-0.60	26
Winnebago	49.9	1.52	68
Wood	35.5	0.36	53

AIR QUALITY HAZARD INDEX

What it is:

Air Quality Hazard Index is a measure of the cumulative hazard of non-cancer adverse health effects due to inhalation of multiple pollutants based on EPA modeled estimates of emissions. This measure is reported as the Hazard Index, a ratio of the estimated potential level of exposure for a county to the level below which no adverse health effects are expected. If the Hazard Index is greater than 1, then it is possible that adverse effects may occur. If the Hazard Index is less than 1, then no adverse health effects are expected.

Where it comes from:

These data are obtained from the National Air Toxics Assessment, U. S. Environmental Protection Agency.

Why it is included:

The noncancer pollutants measured by the EPA were chosen because they are known to cause irritation to the lining of the respiratory system, which may cause more serious problems in people with compromised respiratory systems such as cystic fibrosis patients or asthmatics.

Years of data used:

1996

Weight in Health Determinants:

0.83%

Range of Measure in Wisconsin Counties (Minimum, Maximum):

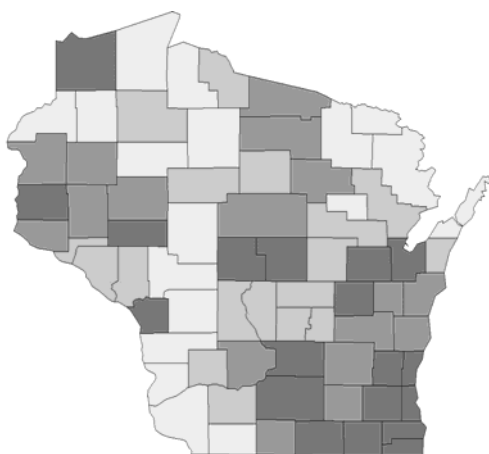
0.28, 8.70 hazard index

Measure in Wisconsin:

2.69 hazard index

Summary Measure:

Health Determinants – Physical Environment



LEGEND →

Hazard Index See above

Z-Score $(\text{Measure} - \text{State Average}) / (\text{Standard Deviation})$

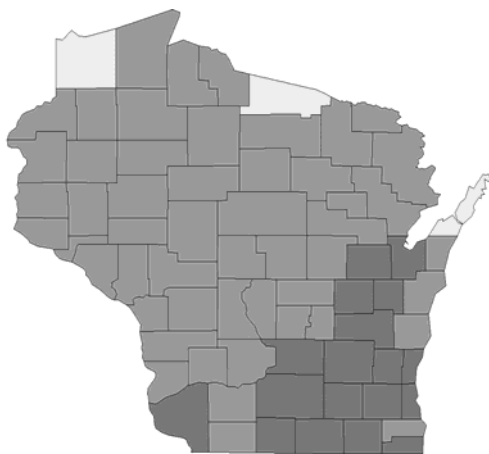
← MAP

The counties are ranked by quartiles, with lighter counties having less future health effects due to air pollutants.

County Name	Hazard Index	Z-Score	Rank
Adams	0.85	-0.53	29
Ashland	0.48	-0.80	5
Barron	1.04	-0.38	37
Bayfield	0.28	-0.96	1
Brown	2.76	0.93	62
Buffalo	0.80	-0.56	25
Burnett	0.50	-0.79	7
Calumet	1.26	-0.21	42
Chippewa	1.74	0.15	52
Clark	0.69	-0.64	18
Columbia	1.93	0.30	56
Crawford	0.43	-0.84	3
Dane	3.22	1.28	65
Dodge	1.23	-0.24	41
Door	0.61	-0.70	12
Douglas	2.49	0.72	59
Dunn	1.11	-0.33	38
Eau Claire	3.29	1.33	66
Florence	0.51	-0.78	9
Fond du Lac	1.68	0.11	51
Forest	0.45	-0.83	4
Grant	0.62	-0.70	14
Green	1.51	-0.03	46
Green Lake	1.02	-0.40	35
Iowa	0.73	-0.62	21
Iron	0.82	-0.54	27
Jackson	0.52	-0.77	10
Jefferson	1.86	0.25	53
Juneau	0.98	-0.43	33
Kenosha	4.07	1.93	70
Kewaunee	0.99	-0.41	34
La Crosse	2.46	0.70	58
Lafayette	0.50	-0.79	8
Langlade	1.16	-0.29	39
Lincoln	0.90	-0.48	30
Manitowoc	1.47	-0.05	45
Marathon	1.65	0.09	50
Marinette	0.60	-0.71	11
Marquette	0.95	-0.45	32
Menominee	0.50	-0.79	6
Milwaukee	8.70	3.00	72
Monroe	0.64	-0.68	15
Oconto	0.72	-0.62	19
Oneida	1.30	-0.18	43
Outagamie	2.92	1.05	64
Ozaukee	3.38	1.40	67
Pepin	0.82	-0.55	26
Pierce	1.61	0.05	48
Polk	1.34	-0.15	44
Portage	1.87	0.25	54
Price	0.42	-0.85	2
Racine	4.03	1.89	69
Richland	0.73	-0.62	20
Rock	2.86	1.00	63
Rusk	0.65	-0.68	16
Sauk	1.51	-0.02	47
Sawyer	0.78	-0.57	24
Shawano	0.91	-0.48	31
Sheboygan	1.62	0.06	49
St. Croix	3.69	1.63	68
Taylor	0.73	-0.61	22
Trempealeau	0.74	-0.61	23
Vernon	0.62	-0.70	13
Vilas	1.18	-0.27	40
Walworth	2.63	0.83	60
Washburn	0.68	-0.66	17
Washington	2.18	0.49	57
Waukesha	4.40	2.18	71
Waupaca	1.03	-0.39	36
Waushara	0.82	-0.54	28
Winnebago	2.72	0.90	61
Wood	1.87	0.25	55

FINE PARTICULATE MATTER IN AIR

What it is:	This element measures the amount of fine particulate matter, or matter less than 2.5 micrometers in diameter, in the air at monitoring sites throughout the state. Fine particulate matter has been linked to a variety of human health problems. Three years of annual data were available from Wisconsin FRM (Federal Reference Method) monitoring sites in 18 counties between 2000 and 2003. For counties having more than one monitoring site, a weighted average of the most recent county site values was used. Counties without measurements were assigned a value equal to the average of the counties within their region.
Where it comes from:	These data are obtained from the Bureau of Air Management, Division of Air and Waste, Wisconsin Department of Natural Resources (DNR).
Why it is included:	Fine Particulate Matter is a problem because particles that are small enough to pass through the heart and lungs can cause serious health effects, including difficulty breathing, irritation of the airways, decreased lung function, chronic bronchitis, irregular heartbeat, nonfatal heart attacks, and premature death in people with heart or lung disease.
Years of data used:	2000-2003
Weight in Health Determinants:	0.83%
Range of Measure in Wisconsin Counties (Minimum, Maximum):	6.60, 13.10 PM _{2.5}
Measure in Wisconsin:	N/A
Summary Measure:	Health Determinants – Physical Environment



LEGEND →

PM _{2.5}	See above
Z-Score	(Measure – State Average)/(Standard Deviation)

← MAP

The counties are ranked by quartiles, with lighter counties having less air pollution due to fine particulate matter.

County Name	PM _{2.5}	Z-Score	Rank
Adams	9.24	-0.52	4
Ashland	9.24	-0.52	4
Barron	9.24	-0.52	4
Bayfield	9.24	-0.52	4
Brown	11.30	1.14	58
Buffalo	9.24	-0.52	4
Burnett	9.24	-0.52	4
Calumet	11.75	1.50	62
Chippewa	9.24	-0.52	4
Clark	9.24	-0.52	4
Columbia	11.75	1.50	62
Crawford	9.24	-0.52	4
Dane	12.50	2.10	69
Dodge	11.10	0.98	57
Door	7.60	-1.84	2
Douglas	8.00	-1.52	3
Dunn	9.24	-0.52	4
Eau Claire	9.24	-0.52	4
Florence	9.24	-0.52	4
Fond du Lac	11.75	1.50	62
Forest	9.24	-0.52	4
Grant	11.40	1.22	60
Green	11.75	1.50	62
Green Lake	9.24	-0.52	4
Iowa	9.24	-0.52	4
Iron	9.24	-0.52	4
Jackson	9.24	-0.52	4
Jefferson	11.80	1.54	68
Juneau	9.24	-0.52	4
Kenosha	11.50	1.30	61
Kewaunee	10.66	0.62	52
La Crosse	9.24	-0.52	4
Lafayette	9.24	-0.52	4
Langlade	9.24	-0.52	4
Lincoln	9.24	-0.52	4
Manitowoc	9.90	0.01	49
Marathon	9.24	-0.52	4
Marinette	9.24	-0.52	4
Marquette	9.24	-0.52	4
Menominee	9.24	-0.52	4
Milwaukee	13.00	2.50	71
Monroe	9.24	-0.52	4
Oconto	9.24	-0.52	4
Oneida	9.24	-0.52	4
Outagamie	10.70	0.65	55
Ozaukee	11.30	1.14	58
Pepin	9.24	-0.52	4
Pierce	9.24	-0.52	4
Polk	9.24	-0.52	4
Portage	9.24	-0.52	4
Price	9.24	-0.52	4
Racine	10.66	0.62	52
Richland	9.24	-0.52	4
Rock	12.70	2.26	70
Rusk	9.24	-0.52	4
Sauk	9.24	-0.52	4
Sawyer	9.24	-0.52	4
Shawano	9.24	-0.52	4
Sheboygan	10.66	0.62	52
St. Croix	9.90	0.01	49
Taylor	9.24	-0.52	4
Trempealeau	9.24	-0.52	4
Vernon	9.24	-0.52	4
Vilas	6.60	-2.64	1
Walworth	11.75	1.50	62
Washburn	9.24	-0.52	4
Washington	11.75	1.50	62
Waukesha	13.10	2.58	72
Waupaca	9.24	-0.52	4
Waushara	9.24	-0.52	4
Winnebago	10.80	0.73	56
Wood	10.30	0.33	51

OZONE LEVEL

What it is:	Ozone Level is a measure of the amount of ozone present at air monitoring sites throughout the state. The 2001-2003 “annual average 4 th highest peak daily running 8-hour ozone values” were available from Wisconsin DNR ozone monitoring sites in 29 counties. Counties without measurements were assigned a value equal to the average of the counties within their assigned region.
Where it comes from:	These data are obtained from the Bureau of Air Management, Division of Air and Waste, Wisconsin Department of Natural Resources (DNR).
Why it is included:	Ozone has been linked to a variety of human health problems, including chest pain, coughing, wheezing, and difficulty breathing.
Years of data used:	2001-2003
Weight in Health Determinants:	0.83%
Range of Measure in Wisconsin Counties (Minimum, Maximum):	67, 89 ozone level
Measure in Wisconsin:	N/A
Summary Measure:	Health Determinants – Physical Environment



LEGEND →

Ozone Value	See above
Z-Score	$(\text{Measure} - \text{State Average}) / (\text{Standard Deviation})$

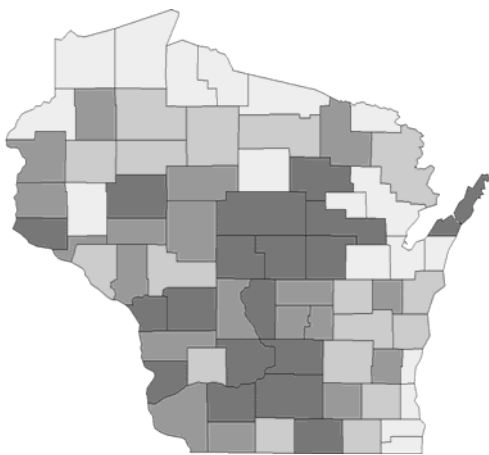
← MAP

The counties are ranked by quartiles, with lighter counties having lower ozone levels.

County Name	Ozone Value	Z-Score	Rank
Adams	71	-0.57	4
Ashland	71	-0.57	4
Barron	71	-0.57	4
Bayfield	71	-0.57	4
Brown	83	1.03	61
Buffalo	71	-0.57	4
Burnett	71	-0.57	4
Calumet	81	0.76	56
Chippewa	71	-0.57	4
Clark	71	-0.57	4
Columbia	79	0.49	54
Crawford	71	-0.57	4
Dane	78	0.36	52
Dodge	82	0.89	58
Door	94	2.49	68
Douglas	71	-0.57	4
Dunn	71	-0.57	4
Eau Claire	71	-0.57	4
Florence	67	-1.10	1
Fond du Lac	80	0.63	55
Forest	71	-0.57	4
Grant	71	-0.57	4
Green	75	-0.04	51
Green Lake	71	-0.57	4
Iowa	71	-0.57	4
Iron	71	-0.57	4
Jackson	71	-0.57	4
Jefferson	83	1.03	61
Juneau	71	-0.57	4
Kenosha	99	3.00	72
Kewaunee	93	2.36	67
La Crosse	71	-0.57	4
Lafayette	71	-0.57	4
Langlade	71	-0.57	4
Lincoln	71	-0.57	4
Manitowoc	86	1.42	65
Marathon	73	-0.30	48
Marinette	71	-0.57	4
Marquette	71	-0.57	4
Menominee	71	-0.57	4
Milwaukee	86	1.42	65
Monroe	71	-0.57	4
Oconto	71	-0.57	4
Oneida	69	-0.84	3
Outagamie	78	0.36	52
Ozaukee	95	2.62	70
Pepin	71	-0.57	4
Pierce	71	-0.57	4
Polk	71	-0.57	4
Portage	71	-0.57	4
Price	71	-0.57	4
Racine	95	2.62	70
Richland	71	-0.57	4
Rock	83	1.03	61
Rusk	71	-0.57	4
Sauk	73	-0.30	48
Sawyer	71	-0.57	4
Shawano	71	-0.57	4
Sheboygan	94	2.49	68
St. Croix	73	-0.30	48
Taylor	71	-0.57	4
Trempealeau	71	-0.57	4
Vernon	72	-0.44	47
Vilas	68	-0.97	2
Walworth	84	1.16	64
Washburn	71	-0.57	4
Washington	82	0.89	58
Waukesha	81	0.76	56
Waupaca	71	-0.57	4
Waushara	71	-0.57	4
Winnebago	82	0.89	58
Wood	71	-0.57	4

NITRATE LEVELS IN WATER > 2

What it is:	Nitrate Levels in Water > 2 measures the presence of nitrates in the private and municipal water supply above the Preventative Action Level of 2 mg/L.
Where it comes from:	These data are obtained from the Bureau of Drinking Water and Groundwater, Division of Water, Wisconsin Department of Natural Resources (DNR).
Why it is included:	Among other negative health effects, nitrates in drinking water are responsible for blue baby syndrome and can cause birth defects. (See Landis M, Kempf A, Remington P, Peppard P, McElroy J. Using Air, Water, and Lead Exposure as Measures of the Physical Environment: The Wisconsin County Health Ranking. <i>University of Wisconsin Population Health Institute Issue Brief</i> . 2004;5(6).)
Years of data used:	2004
Weight in Health Determinants:	1.67%
Range of Measure in Wisconsin Counties (Minimum, Maximum):	0.0%, 72.1%
Measure in Wisconsin:	N/A
Summary Measure:	Health Determinants – Physical Environment



LEGEND →

% Above 2
mg/L

See above

Z-Score

(Measure – State
Average)/(Standard Deviation)

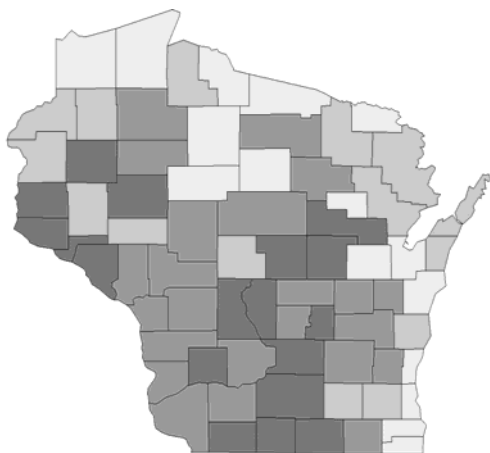
← MAP

The counties are ranked by
quartiles, with lighter counties
having lower nitrate levels
exceeding the preventative action
level.

County Name	% Above 2 mg/L	Z-Score	Rank
Adams	27.2	0.80	61
Ashland	1.0	-0.77	18
Barron	6.1	-0.46	34
Bayfield	0.0	-0.83	1
Brown	0.2	-0.82	9
Buffalo	5.8	-0.48	33
Burnett	0.5	-0.80	14
Calumet	20.0	0.37	51
Chippewa	41.4	1.65	67
Clark	12.9	-0.06	45
Columbia	29.9	0.96	64
Crawford	37.7	1.43	66
Dane	26.9	0.78	60
Dodge	1.5	-0.74	22
Door	33.4	1.17	65
Douglas	0.0	-0.83	1
Dunn	1.0	-0.77	17
Eau Claire	8.8	-0.30	38
Florence	0.0	-0.83	1
Fond du Lac	1.5	-0.74	21
Forest	20.3	0.38	52
Grant	10.4	-0.21	42
Green	4.6	-0.56	30
Green Lake	18.1	0.25	50
Iowa	25.4	0.69	58
Iron	0.0	-0.83	1
Jackson	4.5	-0.56	29
Jefferson	7.4	-0.39	36
Juneau	7.4	-0.39	37
Kenosha	0.3	-0.81	10
Kewaunee	0.7	-0.79	16
La Crosse	72.1	3.00	72
Lafayette	9.2	-0.28	40
Langlade	42.7	1.73	68
Lincoln	0.0	-0.83	1
Manitowoc	5.6	-0.49	32
Marathon	26.8	0.78	59
Marinette	2.5	-0.68	24
Marquette	9.5	-0.26	41
Menominee	0.0	-0.83	1
Milwaukee	0.0	-0.83	1
Monroe	47.9	2.04	69
Oconto	0.6	-0.80	15
Oneida	2.9	-0.66	25
Outagamie	0.4	-0.80	13
Ozaukee	0.0	-0.83	1
Pepin	21.4	0.45	54
Pierce	22.5	0.52	55
Polk	9.1	-0.28	39
Portage	64.9	3.00	70
Price	1.9	-0.72	23
Racine	0.4	-0.81	11
Richland	4.7	-0.55	31
Rock	67.6	3.00	71
Rusk	3.2	-0.64	26
Sauk	23.1	0.55	56
Sawyer	1.2	-0.76	20
Shawano	27.8	0.83	62
Sheboygan	4.1	-0.58	28
St. Croix	14.5	0.04	46
Taylor	20.4	0.39	53
Trempealeau	11.6	-0.14	44
Vernon	16.5	0.16	49
Vilas	0.4	-0.81	12
Walworth	6.3	-0.45	35
Washburn	16.3	0.14	48
Washington	11.5	-0.14	43
Waukesha	3.6	-0.62	27
Waupaca	25.0	0.67	57
Waushara	15.6	0.10	47
Winnebago	1.1	-0.77	19
Wood	28.7	0.89	63

NITRATE LEVELS IN WATER > 10

What it is:	Nitrate Levels in Water > 10 measures the presence of nitrates in the private and municipal water supply above the enforcement standard of 10 mg/L.
Where it comes from:	These data are obtained from the Bureau of Drinking Water and Groundwater, Division of Water, Wisconsin Department of Natural Resources (DNR).
Why it is included:	Among other negative health effects, nitrates in drinking water are responsible for blue baby syndrome and can cause birth defects. (See Landis M, Kempf A, Remington P, Peppard P, McElroy J. Using Air, Water, and Lead Exposure as Measures of the Physical Environment: The Wisconsin County Health Ranking. <i>University of Wisconsin Population Health Institute Issue Brief</i> . 2004;5(6).)
Years of data used:	2004
Weight in Health Determinants:	1.67%
Range of Measure in Wisconsin Counties (Minimum, Maximum):	0.0%, 8.5 %
Measure in Wisconsin:	N/A
Summary Measure:	Health Determinants – Physical Environment



LEGEND →

% Above 10 mg/L See above

Z-Score $(\text{Measure} - \text{State Average}) / (\text{Standard Deviation})$

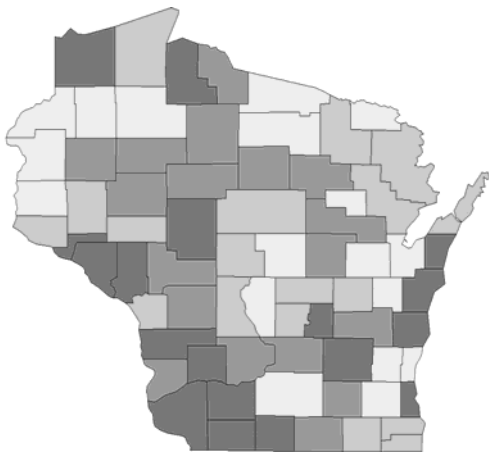
← MAP

The counties are ranked by quartiles, with lighter counties having lower nitrate levels exceeding the enforcement standard.

County Name	% Above 10 mg/L	Z-Score	Rank
Adams	4.0	1.42	68
Ashland	1.0	-0.39	30
Barron	2.6	0.58	57
Bayfield	0.0	-0.98	1
Brown	0.2	-0.88	11
Buffalo	3.1	0.85	59
Burnett	0.5	-0.69	20
Calumet	2.3	0.41	53
Chippewa	3.3	1.00	65
Clark	1.1	-0.33	35
Columbia	5.2	2.11	70
Crawford	1.6	-0.05	47
Dane	2.8	0.71	58
Dodge	1.5	-0.06	46
Door	0.6	-0.65	21
Douglas	0.0	-0.98	1
Dunn	1.0	-0.40	29
Eau Claire	0.5	-0.71	17
Florence	0.0	-0.98	1
Fond du Lac	1.5	-0.11	43
Forest	0.8	-0.53	26
Grant	1.1	-0.31	36
Green	4.6	1.74	69
Green Lake	3.3	0.95	62
Iowa	1.1	-0.35	33
Iron	0.0	-0.98	1
Jackson	1.8	0.08	49
Jefferson	0.5	-0.69	19
Juneau	3.1	0.88	60
Kenosha	0.3	-0.78	13
Kewaunee	0.7	-0.59	24
La Crosse	1.5	-0.10	44
Lafayette	3.8	1.26	66
Langlade	1.2	-0.25	39
Lincoln	0.0	-0.98	1
Manitowoc	0.3	-0.79	12
Marathon	1.2	-0.24	40
Marinette	1.0	-0.38	31
Marquette	1.1	-0.30	37
Menominee	0.0	-0.98	1
Milwaukee	0.0	-0.98	1
Monroe	2.4	0.43	54
Oconto	0.6	-0.63	22
Oneida	1.3	-0.21	41
Outagamie	0.4	-0.71	16
Ozaukee	0.0	-0.98	1
Pepin	8.5	3.00	72
Pierce	3.3	0.98	63
Polk	0.9	-0.42	28
Portage	7.9	3.00	71
Price	0.0	-0.98	1
Racine	0.4	-0.77	14
Richland	3.2	0.92	61
Rock	3.3	0.98	64
Rusk	1.5	-0.10	45
Sauk	1.4	-0.18	42
Sawyer	1.2	-0.28	38
Shawano	4.0	1.40	67
Sheboygan	0.7	-0.54	25
St. Croix	2.6	0.56	56
Taylor	0.0	-0.98	1
Trempealeau	2.3	0.41	52
Vernon	1.1	-0.34	34
Vilas	0.4	-0.75	15
Walworth	1.9	0.15	50
Washburn	0.5	-0.69	18
Washington	1.7	0.05	48
Waukesha	0.9	-0.46	27
Waupaca	2.5	0.51	55
Waushara	2.1	0.26	51
Winnebago	1.1	-0.35	32
Wood	0.6	-0.62	23

PRE-1950 HOUSING

What it is:	Pre-1950 Housing is a measure of the percent of housing units that were built before 1950. These units have a higher possibility of providing exposure to lead paint.
Where it comes from:	These data are obtained from the United States Decennial Census.
Why it is included:	Housing that was built before 1950 has a significantly higher risk of lead poisoning for its inhabitants. In children, lead poisoning can cause learning disabilities, ADD, and stunted growth, among other problems, and in adults, lead poisoning can cause fertility, neurological, and memory problems, among many others.
Years of data used:	2000
Weight in Health Determinants:	1.67%
Range of Measure in Wisconsin Counties (Minimum, Maximum):	8.2%, 52.6%
Measure in Wisconsin:	31.1%
Summary Measure:	Health Determinants – Physical Environment



LEGEND →

% Pre-1950 Housing See above

Z-Score $(\text{Measure} - \text{State Average}) / (\text{Standard Deviation})$

← MAP

The counties are ranked by quartiles, with lighter counties having a lower number of homes at risk for having lead paint.

County Name	% Pre-1950 Housing	Z-Score	Rank
Adams	11.9	-2.34	2
Ashland	42.6	1.14	65
Barron	34.5	0.23	41
Bayfield	31.4	-0.13	33
Brown	19.8	-1.45	8
Buffalo	45.5	1.48	69
Burnett	19.3	-1.50	5
Calumet	25.8	-0.77	14
Chippewa	35.3	0.32	42
Clark	46.7	1.60	71
Columbia	37.5	0.57	51
Crawford	33.5	0.11	39
Dane	20.7	-1.34	9
Dodge	41.0	0.96	59
Door	30.7	-0.20	30
Douglas	44.1	1.32	67
Dunn	33.0	0.05	36
Eau Claire	28.7	-0.43	22
Florence	25.8	-0.76	15
Fond du Lac	37.3	0.54	47
Forest	27.7	-0.55	20
Grant	40.9	0.95	57
Green	42.0	1.07	62
Green Lake	39.5	0.79	55
Iowa	44.3	1.33	68
Iron	38.7	0.70	54
Jackson	37.4	0.56	50
Jefferson	37.0	0.51	46
Juneau	29.0	-0.40	24
Kenosha	30.0	-0.29	28
Kewaunee	41.6	1.02	61
La Crosse	29.2	-0.38	25
Lafayette	52.6	2.27	72
Langlade	37.7	0.59	52
Lincoln	35.5	0.33	43
Manitowoc	42.3	1.10	63
Marathon	31.0	-0.17	32
Marinette	29.3	-0.37	27
Marquette	27.3	-0.60	19
Menominee	8.2	-2.76	1
Milwaukee	40.9	0.95	58
Monroe	34.0	0.17	40
Oconto	28.8	-0.43	23
Oneida	22.4	-1.15	11
Outagamie	26.5	-0.69	16
Ozaukee	18.4	-1.60	4
Pepin	44.1	1.32	66
Pierce	31.6	-0.10	34
Polk	27.1	-0.62	17
Portage	25.2	-0.83	13
Price	35.5	0.34	44
Racine	32.6	0.01	35
Richland	45.6	1.48	70
Rock	33.4	0.10	38
Rusk	36.9	0.49	45
Sauk	33.3	0.08	37
Sawyer	21.0	-1.31	10
Shawano	37.3	0.54	48
Sheboygan	41.4	1.00	60
St. Croix	22.8	-1.10	12
Taylor	37.4	0.55	49
Trempealeau	40.1	0.86	56
Vernon	42.5	1.13	64
Vilas	19.6	-1.47	7
Walworth	30.4	-0.24	29
Washburn	27.2	-0.60	18
Washington	19.5	-1.47	6
Waukesha	14.3	-2.06	3
Waupaca	38.0	0.62	53
Waushara	28.1	-0.50	21
Winnebago	30.9	-0.18	31
Wood	29.2	-0.38	26

LEAD POISONED CHILDREN

What it is:

Lead Poisoned Children is a measure of the percentage of lead tests on children under age six that tested positive for lead poisoning. This measure is not based on a complete or random sample and should be interpreted with caution. Due to methodological limitations, children in the cities of Milwaukee and Racine are tested more thoroughly than those in other parts of the state. Outside of Milwaukee and Racine, children are selected to be tested based on a series questions asked at well-child clinics to determine if they are at high risk of exposure to lead poisoning, and are then given blood tests. In Milwaukee and Racine, universal screening is recommended, meaning that there is a much more complete sample.

Where it comes from:

These data are obtained from the Wisconsin Department of Health and Family Services (DHFS).

Why it is included:

Lead Poisoning has been shown to cause many health problems. In children, lead poisoning can cause learning disabilities, ADD, and stunted growth, among other problems, and in adults, lead poisoning can cause fertility, neurological, and memory problems, among many others.

Years of data used:

2004

Weight in Health Determinants:

1.67%

Range of Measure in Wisconsin Counties (Minimum, Maximum):

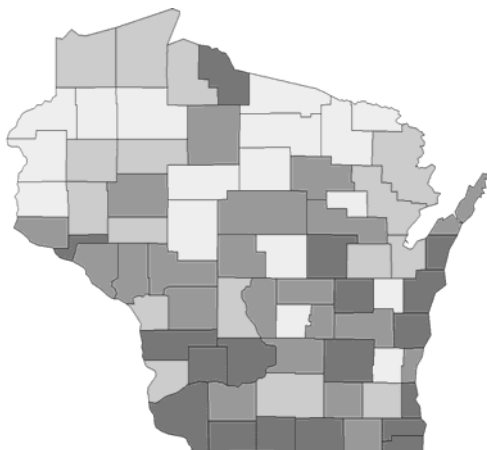
0.0%, 7.9%

Measure in Wisconsin:

3.9%

Summary Measure:

Health Determinants – Physical Environment



LEGEND →

% Tested Positive See above

95% CI 95% confidence interval, calculated as
 $1.96 * \sqrt{\frac{p(1-p)}{n}}$, where p is the prevalence and n is the sample size.

Z-Score (Measure – State Average)/(Standard Deviation)

← MAP

The counties are ranked by quartiles, with lighter counties having a lower number of children testing positive for lead poisoning.

County Name	% Tested Positive	95% CI	Z-Score	Rank
Adams	1.6	0.5, 2.8	-0.02	47
Ashland	1.0	0.9, 1.2	-0.43	28
Barron	0.7	0.2, 1.2	-0.65	18
Bayfield	1.0	0.7, 1.2	-0.48	25
Brown	1.0	0.9, 1.0	-0.46	26
Buffalo	1.2	0.5, 2.0	-0.29	38
Burnett	0.5	0.0, 1.4	-0.81	13
Calumet	0.0	-	-1.12	1
Chippewa	1.7	1.1, 2.4	0.05	48
Clark	0.3	0.0, 1.1	-0.94	8
Columbia	2.1	1.3, 3.0	0.32	54
Crawford	0.9	0.4, 1.3	-0.53	24
Dane	0.8	0.7, 1.0	-0.57	22
Dodge	2.9	2.0, 3.8	0.82	62
Door	1.2	0.7, 1.6	-0.34	37
Douglas	1.0	0.9, 1.1	-0.43	29
Dunn	1.1	0.8, 1.4	-0.38	33
Eau Claire	1.0	0.9, 1.1	-0.42	30
Florence	0.0	-	-1.12	1
Fond du Lac	1.4	1.0, 1.8	-0.17	41
Forest	0.6	0.0, 1.5	-0.74	15
Grant	3.5	2.3, 4.6	1.20	65
Green	5.2	3.0, 7.4	2.37	70
Green Lake	1.9	0.9, 2.9	0.14	50
Iowa	1.6	0.5, 2.7	-0.05	45
Iron	6.3	1.2, 11.3	3.00	71
Jackson	1.2	0.7, 1.8	-0.29	39
Jefferson	1.6	1.2, 2.1	-0.02	46
Juneau	0.8	0.4, 1.2	-0.57	21
Kenosha	2.6	2.0, 3.2	0.63	59
Kewaunee	2.6	0.8, 4.3	0.61	58
La Crosse	1.1	0.9, 1.2	-0.40	32
Lafayette	4.3	1.5, 7.2	1.79	68
Langlade	1.2	0.7, 1.6	-0.34	35
Lincoln	0.3	0.0, 1.1	-0.95	7
Manitowoc	2.9	2.1, 3.7	0.81	61
Marathon	2.0	1.5, 2.5	0.24	52
Marinette	1.0	0.9, 1.1	-0.44	27
Marquette	0.5	0.0, 1.4	-0.81	12
Menominee	0.6	0.0, 1.5	-0.74	16
Milwaukee	7.9	7.6, 8.2	3.00	72
Monroe	2.0	1.2, 2.8	0.23	51
Oconto	0.8	0.3, 1.4	-0.57	23
Oneida	0.4	0.0, 1.3	-0.87	9
Outagamie	1.0	1.0, 1.1	-0.42	31
Ozaukee	1.5	0.9, 2.2	-0.09	44
Pepin	2.2	0.0, 4.6	0.39	55
Pierce	2.1	1.0, 3.2	0.29	53
Polk	0.4	0.0, 1.1	-0.82	11
Portage	0.5	0.1, 1.0	-0.77	14
Price	1.2	0.6, 1.8	-0.34	36
Racine	4.2	3.7, 4.8	1.73	67
Richland	2.8	0.8, 4.7	0.73	60
Rock	2.5	2.0, 3.0	0.59	57
Rusk	0.7	0.1, 1.3	-0.64	19
Sauk	3.3	2.2, 4.4	1.09	63
Sawyer	0.0	-	-1.12	1
Shawano	1.5	0.9, 2.1	-0.13	43
Sheboygan	4.4	3.5, 5.3	1.80	69
St. Croix	0.2	0.0, 1.0	-0.98	6
Taylor	0.0	-	-1.12	1
Trempealeau	1.4	0.8, 1.9	-0.19	40
Vernon	2.5	1.1, 3.8	0.54	56
Vilas	0.4	0.0, 1.4	-0.85	10
Walworth	1.4	1.1, 1.8	-0.16	42
Washburn	0.0	-	-1.12	1
Washington	0.6	0.2, 1.0	-0.71	17
Waukesha	0.8	0.7, 0.9	-0.58	20
Waupaca	3.8	2.5, 5.1	1.42	66
Waushara	1.8	0.9, 2.8	0.12	49
Winnebago	3.4	2.6, 4.3	1.19	64
Wood	1.2	0.9, 1.4	-0.35	34

RESULTS

Statewide findings

Table 2: Overall Results

RANK	HEALTH OUTCOMES	HEALTH DETERMINANTS
1	Waukesha	Ozaukee
2	Ozaukee	Waukesha
3	Eau Claire	Washington
4	St. Croix	Calumet
5	Portage	Pierce
6	Outagamie	Outagamie
7	Kewaunee	Eau Claire
8	Dane	St. Croix
9	Iowa	Buffalo
10	Washington	Dane
11	Marathon	Door
12	Florence	Wood
13	Pierce	La Crosse
14	Winnebago	Portage
15	Wood	Marathon
16	La Crosse	Iowa
17	Clark	Kewaunee
18	Jefferson	Lafayette
19	Taylor	Dunn
20	Bayfield	Fond du Lac
21	Richland	Columbia
22	Calumet	Sheboygan
23	Door	Polk
24	Fond du Lac	Pepin
25	Brown	Price
26	Lafayette	Green
27	Vernon	Chippewa
28	Sauk	Manitowoc
29	Oconto	Dodge
30	Grant	Brown
31	Dunn	Winnebago
32	Rusk	Grant
33	Sheboygan	Walworth
34	Walworth	Iron
35	Jackson	Sauk
36	Langlade	Bayfield
37	Crawford	Florence
38	Green Lake	Vilas
39	Dodge	Green Lake
40	Green	Jefferson
41	Manitowoc	Lincoln
42	Buffalo	Richland
43	Barron	Clark
44	Polk	Vernon
45	Chippewa	Barron
46	Rock	Taylor
47	Oneida	Oneida
48	Monroe	Shawano
49	Shawano	Trempealeau
50	Pepin	Waupaca
51	Price	Marinette
52	Columbia	Sawyer
53	Trempealeau	Washburn
54	Iron	Rusk
55	Racine	Jackson
56	Douglas	Ashland
57	Lincoln	Oconto
58	Kenosha	Crawford
59	Ashland	Monroe
60	Washburn	Langlade
61	Waupaca	Kenosha
62	Waushara	Rock
63	Marinette	Waushara
64	Marquette	Burnett
65	Milwaukee	Forest
66	Sawyer	Racine
67	Vilas	Douglas
68	Juneau	Marquette
69	Burnett	Juneau
70	Adams	Adams
71	Forest	Milwaukee
72	Menominee	Menominee

Table 3: Health Outcomes Ranks

RANK	MORTALITY: YEARS OF POTENTIAL LIFE LOST		GENERAL HEALTH STATUS: % WITH FAIR/POOR HEALTH	
1	Calumet	4,231	Ozaukee	7.9%
2	Waukesha	4,247	Eau Claire	8.2%
3	Ozaukee	4,498	Waukesha	8.3%
4	Eau Claire	4,791	Iowa	8.4%
5	Washington	5,007	Bayfield	8.6%
6	Pierce	5,039	Florence	8.9%
7	Wood	5,119	Rusk	9.0%
8	St. Croix	5,161	Portage	9.2%
9	Portage	5,202	St. Croix	9.3%
10	Kewaunee	5,234	Outagamie	9.4%
11	Outagamie	5,240	Kewaunee	9.6%
12	Dane	5,338	Dane	9.8%
13	Winnebago	5,401	Clark	10.0%
14	Marathon	5,460	Marathon	10.1%
15	Taylor	5,467	Richland	10.2%
16	Green Lake	5,600	La Crosse	10.5%
17	Dunn	5,626	Jefferson	10.6%
18	Brown	5,668	Washington	10.6%
19	Price	5,687	Jackson	10.7%
20	Fond du Lac	5,722	Door	10.7%
21	Walworth	5,799	Sauk	10.8%
22	Sheboygan	5,848	Iron	10.9%
23	La Crosse	5,934	Lafayette	11.0%
24	Pepin	6,018	Vernon	11.3%
25	Chippewa	6,022	Winnebago	11.4%
26	Jefferson	6,031	Oconto	11.7%
27	Manitowoc	6,057	Taylor	11.7%
28	Crawford	6,069	Pierce	11.8%
29	Green	6,144	Grant	11.8%
30	Langlade	6,184	Buffalo	11.9%
31	Oconto	6,185	Fond du Lac	11.9%
32	Grant	6,200	Monroe	11.9%
33	Vernon	6,232	Wood	11.9%
34	Dodge	6,252	Dodge	12.1%
35	Door	6,264	Langlade	12.1%
36	Clark	6,267	Polk	12.2%
37	Iowa	6,279	Brown	12.2%
38	Barron	6,324	Crawford	12.3%
39	Lafayette	6,353	Sheboygan	12.5%
40	Oneida	6,378	Green	12.5%
41	Trempealeau	6,400	Walworth	12.7%
42	Richland	6,425	Manitowoc	12.7%
43	Sauk	6,607	Dunn	12.8%
44	Florence	6,625	Rock	13.1%
45	Washburn	6,645	Barron	13.2%
46	Lincoln	6,661	Green Lake	13.2%
47	Shawano	6,734	Racine	13.4%
48	Buffalo	6,777	Douglas	13.5%
49	Rock	6,841	Shawano	13.5%
50	Kenosha	6,935	Columbia	13.6%
51	Columbia	6,952	Oneida	14.0%
52	Jackson	6,973	Sawyer	14.0%
53	Polk	7,010	Calumet	14.1%
54	Racine	7,059	Chippewa	14.4%
55	Ashland	7,090	Lincoln	14.4%
56	Douglas	7,130	Trempealeau	14.5%
57	Bayfield	7,233	Kenosha	14.7%
58	Marinette	7,385	Waushara	14.8%
59	Waupaca	7,506	Pepin	14.9%
60	Monroe	7,574	Milwaukee	14.9%
61	Adams	7,609	Waupaca	15.1%
62	Rusk	7,812	Ashland	15.4%
63	Vilas	7,959	Marquette	15.5%
64	Marquette	8,030	Price	15.7%
65	Waushara	8,056	Marinette	16.1%
66	Juneau	8,311	Burnett	16.4%
67	Iron	8,457	Washburn	16.5%
68	Milwaukee	8,692	Juneau	17.1%
69	Burnett	8,764	Vilas	17.6%
70	Forest	9,284	Menominee	18.2%
71	Sawyer	9,452	Adams	18.8%
72	Menominee	14,855	Forest	18.8%

**Table 4: Health
Determinants
Ranks**

RANK	HEALTH CARE	HEALTH BEHAVIORS	SOCIOECONOMIC FACTORS	PHYSICAL ENVIRONMENT
1	Wood	Ozaukee	Waukesha	Vilas
2	Portage	Waukesha	Ozaukee	Menominee
3	Eau Claire	Iron	Calumet	Florence
4	Marathon	Washington	St. Croix	Burnett
5	Rusk	Dane	Pierce	Sawyer
6	Outagamie	Bayfield	Washington	Bayfield
7	Waukesha	Buffalo	Outagamie	Oneida
8	Sheboygan	Iowa	Kewaunee	Oconto
9	Oneida	Calumet	Eau Claire	Washburn
10	Winnebago	Pierce	Dodge	Lincoln
11	Ozaukee	Eau Claire	Portage	Price
12	Trempealeau	Pepin	Door	Marinette
13	Calumet	Green	Lafayette	Forest
14	Manitowoc	Sawyer	Iowa	Marquette
15	Fond du Lac	Lafayette	Columbia	Polk
16	La Crosse	Vernon	Dane	Taylor
17	Washington	Richland	La Crosse	Dunn
18	Lincoln	La Crosse	Grant	Rusk
19	Vilas	Outagamie	Fond du Lac	Ashland
20	Door	Chippewa	Buffalo	Jackson
21	Price	Price	Sheboygan	Juneau
22	Buffalo	Florence	Marathon	Adams
23	Taylor	Marathon	Wood	Barron
24	Sauk	Wood	Dunn	Waushara
25	Dane	Polk	Green Lake	Clark
26	Brown	Door	Pepin	Douglas
27	Chippewa	Oneida	Manitowoc	Crawford
28	Jefferson	Walworth	Jefferson	Trempealeau
29	Green	Columbia	Polk	Vernon
30	Columbia	Sauk	Green	Buffalo
31	Clark	Dunn	Brown	Iowa
32	Green Lake	Portage	Walworth	Eau Claire
33	Rock	Sheboygan	Winnebago	Door
34	Dodge	Kewaunee	Chippewa	Iron
35	St. Croix	Fond du Lac	Shawano	Wood
36	Washburn	Clark	Taylor	Langlade
37	Barron	Winnebago	Price	Green Lake
38	Douglas	St. Croix	Waupaca	Richland
39	Monroe	Brown	Sauk	Pierce
40	Forest	Manitowoc	Marinette	Sauk
41	Langlade	Vilas	Lincoln	St. Croix
42	Dunn	Barron	Trempealeau	Monroe
43	Kenosha	Jackson	Oconto	Shawano
44	Polk	Lincoln	Richland	Brown
45	Waushara	Grant	Barron	Marathon
46	Shawano	Rusk	Crawford	Calumet
47	Jackson	Waupaca	Ashland	Grant
48	Bayfield	Rock	Iron	Washington
49	Racine	Washburn	Clark	Waupaca
50	Florence	Dodge	Vilas	Chippewa
51	Pepin	Kenosha	Florence	La Crosse
52	Walworth	Jefferson	Vernon	Fond du Lac
53	Marinette	Shawano	Monroe	Dodge
54	Kewaunee	Ashland	Kenosha	Outagamie
55	Sawyer	Marinette	Langlade	Lafayette
56	Menominee	Douglas	Washburn	Kewaunee
57	Waupaca	Racine	Rock	Manitowoc
58	Lafayette	Trempealeau	Jackson	Jefferson
59	Pierce	Green Lake	Bayfield	Pepin
60	Grant	Monroe	Burnett	Ozaukee
61	Richland	Crawford	Waushara	Walworth
62	Vernon	Langlade	Rusk	Portage
63	Ashland	Juneau	Oneida	Waukesha
64	Marquette	Taylor	Racine	Winnebago
65	Crawford	Oconto	Marquette	Dane
66	Milwaukee	Burnett	Forest	Sheboygan
67	Adams	Waushara	Sawyer	Green
68	Iowa	Milwaukee	Douglas	Columbia
69	Oconto	Forest	Juneau	Kenosha
70	Iron	Adams	Adams	Racine
71	Burnett	Marquette	Milwaukee	Rock
72	Juneau	Menominee	Menominee	Milwaukee

County Snapshots

To aid the readers of the Wisconsin County Health Rankings in gathering data, the County Snapshots present all the data for a county in one place. The following section contains the County Snapshots for each Wisconsin county.

In the 2005 *Rankings* (the glossy report), the measure for Wisconsin overall was calculated as the average of the 72 counties for the following measures:

- YPLL
- Self-reported health status
- Pneumococcal vaccinations (No longer reported)
- Teen birth rate
- STDs
- Motor vehicle crash deaths
- Fine particulate matter in air
- Ozone level
- Nitrate levels < 2 mg/L
- Nitrate levels < 10 mg/L (No longer reported)
- Pre-1950s housing (renamed Housing with increased lead risk in 2006)

For all the other measures, the Wisconsin value was the actual number for the state overall, not an average of the 72 counties. For later editions of the *Rankings*, all the measures for Wisconsin overall are the actual measures for the entire State of Wisconsin, and not an average of the 72 counties. Where this is not possible, N/A will be listed to indicate that the state measure was not available.

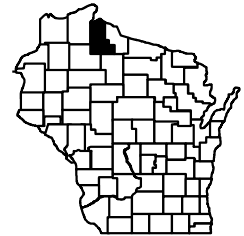
This information was revised on March 5, 2007. For questions, please contact the University of Wisconsin Population Health Institute. You can find contact information online at www.pophealth.wisc.edu/uwphi/research/mainRankingsPage.htm.



	County	Wisconsin	Rank
Health Outcomes			70
Mortality (YPLL)	7,609	6,359	61
General health status (% Fair or Poor Health)	18.8	12.1	71
Health Determinants			70
Health Care			66
No health insurance (%)	7.3	6.4	43
Did not receive needed health care (%)	2.0	2.2	38
No recent dentist visit (%)	51.9	45.4	50
Pneumococcal vaccinations (%)	27.1	N/A	70
Influenza vaccinations (%)	29.9	56.0	69
Diabetic eye exams (%)	73.5	75.2	59
Diabetic lipid profile (%)	88.8	87.1	28
Diabetic HbA1c testing (%)	86.7	90.1	70
Biennial mammography (%)	62.9	66.2	52
Health Behaviors			70
Cigarette smoking (%)	26.2	23.1	59
Smoking during pregnancy (%)	31.8	15.3	70
Physical inactivity (%)	59.6	54.4	56
Overweight and obesity (%)	25.2	21.4	56
Low fruit and vegetable consumption (% < 5 a day)	75.0	77.3	14
Binge drinking (%)	24.4	24.5	43
Teen birth rate (per 1,000)	45	34	67
Sexually transmitted disease (per 100,000)	124	440	18
Violent crime (per 100,000)	44	225	4
Motor vehicle crash deaths (per 100,000)	50	14	71
Socioeconomic Factors			70
High school graduation rate (%)	92.6	91.8	58
Level of education (% HS grads)	76.7	85.1	71
Income/Household poverty ratio	2.44	2.57	55
Divorce rate (%)	10.6	8.9	68
Physical Environment			26
Air quality cancer risk (incidence per 1,000,000)	24	43	30
Air quality hazard index	0.8	2.7	29
Air quality - fine particulate matter in air	9.2	N/A	4
Ozone level	71.0	N/A	4
Nitrate levels in water >2 (%)	27.2	N/A	61
Nitrate levels in water >10 (%)	4.0	N/A	68
Pre-1950 housing (%)	11.9	31.1	2
Lead poisoned children (% positive tests)	1.6	3.9	47

* For a detailed explanation of methods and measures used, please visit the University of Wisconsin Population Health Institute web site at www.pophealth.wisc.edu/uwphi

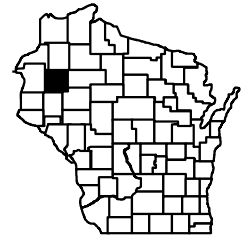
This information was revised on March 5, 2007. For questions, please contact the University of Wisconsin Population Health Institute. You can find contact information online at www.pophealth.wisc.edu/uwphi/research/mainRankingsPage.htm.



	County	Wisconsin	Rank
Health Outcomes			59
Mortality (YPLL)	7,090	6,359	55
General health status (% Fair or Poor Health)	15.4	12.1	62
Health Determinants			59
Health Care			68
No health insurance (%)	11.3	6.4	65
Did not receive needed health care (%)	1.8	2.2	32
No recent dentist visit (%)	68.1	45.4	72
Pneumococcal vaccinations (%)	41.3	N/A	48
Influenza vaccinations (%)	60.1	56.0	23
Diabetic eye exams (%)	85.8	75.2	1
Diabetic lipid profile (%)	82.8	87.1	65
Diabetic HbA1c testing (%)	90.6	90.1	43
Biennial mammography (%)	53.2	66.2	71
Health Behaviors			60
Cigarette smoking (%)	26.8	23.1	62
Smoking during pregnancy (%)	30.5	15.3	69
Physical inactivity (%)	72.9	54.4	69
Overweight and obesity (%)	21.9	21.4	69
Low fruit and vegetable consumption (% < 5 a day)	78.5	77.3	34
Binge drinking (%)	19.4	24.5	11
Teen birth rate (per 1,000)	36	34	55
Sexually transmitted disease (per 100,000)	158	440	26
Violent crime (per 100,000)	111	225	41
Motor vehicle crash deaths (per 100,000)	23	14	52
Socioeconomic Factors			49
High school graduation rate (%)	95.8	91.8	36
Level of education (% HS grads)	84.1	85.1	34
Income/Household poverty ratio	2.37	2.57	64
Divorce rate (%)	9.0	8.9	43
Physical Environment			19
Air quality cancer risk (incidence per 1,000,000)	23	43	14
Air quality hazard index	0.5	2.7	5
Air quality - fine particulate matter in air	9.2	N/A	4
Ozone level	71.0	N/A	4
Nitrate levels in water >2 (%)	1.0	N/A	18
Nitrate levels in water >10 (%)	1.0	N/A	30
Pre-1950 housing (%)	42.6	31.1	65
Lead poisoned children (% positive tests)	1.0	3.9	28

* For a detailed explanation of methods and measures used, please visit the University of Wisconsin Population Health Institute web site at www.pophealth.wisc.edu/uwphi

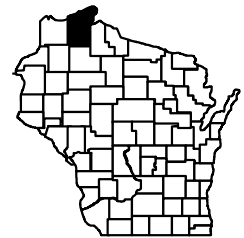
This information was revised on March 5, 2007. For questions, please contact the University of Wisconsin Population Health Institute. You can find contact information online at www.pophealth.wisc.edu/uwphi/research/mainRankingsPage.htm.



	County	Wisconsin	Rank
Health Outcomes			43
Mortality (YPLL)	6,324	6,359	38
General health status (% Fair or Poor Health)	13.2	12.1	45
Health Determinants			48
Health Care			34
No health insurance (%)	4.5	6.4	12
Did not receive needed health care (%)	1.4	2.2	18
No recent dentist visit (%)	54.3	45.4	56
Pneumococcal vaccinations (%)	47.2	N/A	24
Influenza vaccinations (%)	64.5	56.0	5
Diabetic eye exams (%)	76.1	75.2	47
Diabetic lipid profile (%)	85.8	87.1	49
Diabetic HbA1c testing (%)	87.3	90.1	68
Biennial mammography (%)	62.6	66.2	54
Health Behaviors			43
Cigarette smoking (%)	24.0	23.1	45
Smoking during pregnancy (%)	19.5	15.3	41
Physical inactivity (%)	40.2	54.4	2
Overweight and obesity (%)	25.1	21.4	2
Low fruit and vegetable consumption (% < 5 a day)	82.3	77.3	60
Binge drinking (%)	25.9	24.5	49
Teen birth rate (per 1,000)	31	34	49
Sexually transmitted disease (per 100,000)	221	440	46
Violent crime (per 100,000)	193	225	62
Motor vehicle crash deaths (per 100,000)	21	14	48
Socioeconomic Factors			46
High school graduation rate (%)	96.2	91.8	29
Level of education (% HS grads)	82.4	85.1	50
Income/Household poverty ratio	2.49	2.57	47
Divorce rate (%)	9.3	8.9	51
Physical Environment			24
Air quality cancer risk (incidence per 1,000,000)	25	43	33
Air quality hazard index	1.0	2.7	37
Air quality - fine particulate matter in air	9.2	N/A	4
Ozone level	71.0	N/A	4
Nitrate levels in water >2 (%)	6.1	N/A	34
Nitrate levels in water >10 (%)	2.6	N/A	57
Pre-1950 housing (%)	34.5	31.1	41
Lead poisoned children (% positive tests)	0.7	3.9	18

* For a detailed explanation of methods and measures used, please visit the University of Wisconsin Population Health Institute web site at www.pophealth.wisc.edu/uwphi

This information was revised on March 5, 2007. For questions, please contact the University of Wisconsin Population Health Institute. You can find contact information online at www.pophealth.wisc.edu/uwphi/research/mainRankingsPage.htm.



	County	Wisconsin	Rank
Health Outcomes			20
Mortality (YPLL)	7,233	6,359	57
General health status (% Fair or Poor Health)	8.6	12.1	5
Health Determinants			50
Health Care			50
No health insurance (%)	10.9	6.4	61
Did not receive needed health care (%)	0.7	2.2	9
No recent dentist visit (%)	56.0	45.4	61
Pneumococcal vaccinations (%)	42.3	N/A	45
Influenza vaccinations (%)	44.9	56.0	61
Diabetic eye exams (%)	82.8	75.2	6
Diabetic lipid profile (%)	85.3	87.1	53
Diabetic HbA1c testing (%)	90.7	90.1	40
Biennial mammography (%)	63.1	66.2	48
Health Behaviors			12
Cigarette smoking (%)	14.2	23.1	2
Smoking during pregnancy (%)	27.1	15.3	64
Physical inactivity (%)	44.7	54.4	11
Overweight and obesity (%)	11.6	21.4	11
Low fruit and vegetable consumption (% < 5 a day)	68.9	77.3	2
Binge drinking (%)	26.7	24.5	53
Teen birth rate (per 1,000)	20	34	13
Sexually transmitted disease (per 100,000)	56	440	3
Violent crime (per 100,000)	214	225	64
Motor vehicle crash deaths (per 100,000)	23	14	53
Socioeconomic Factors			66
High school graduation rate (%)	93.5	91.8	54
Level of education (% HS grads)	86.9	85.1	13
Income/Household poverty ratio	2.36	2.57	66
Divorce rate (%)	10.6	8.9	66
Physical Environment			7
Air quality cancer risk (incidence per 1,000,000)	21	43	1
Air quality hazard index	0.3	2.7	1
Air quality - fine particulate matter in air	9.2	N/A	4
Ozone level	71.0	N/A	4
Nitrate levels in water >2 (%)	0.0	N/A	1
Nitrate levels in water >10 (%)	0.0	N/A	1
Pre-1950 housing (%)	31.4	31.1	33
Lead poisoned children (% positive tests)	1.0	3.9	25

* For a detailed explanation of methods and measures used, please visit the University of Wisconsin Population Health Institute web site at www.pophealth.wisc.edu/uwphi

This information was revised on March 5, 2007. For questions, please contact the University of Wisconsin Population Health Institute. You can find contact information online at www.pophealth.wisc.edu/uwphi/research/mainRankingsPage.htm.



	County	Wisconsin	Rank
Health Outcomes			25
Mortality (YPLL)	5,668	6,359	18
General health status (% Fair or Poor Health)	12.2	12.1	37
Health Determinants			27
Health Care			20
No health insurance (%)	6.0	6.4	29
Did not receive needed health care (%)	1.2	2.2	16
No recent dentist visit (%)	40.2	45.4	9
Pneumococcal vaccinations (%)	49.0	N/A	18
Influenza vaccinations (%)	59.0	56.0	30
Diabetic eye exams (%)	76.1	75.2	50
Diabetic lipid profile (%)	83.6	87.1	64
Diabetic HbA1c testing (%)	89.4	90.1	54
Biennial mammography (%)	66.5	66.2	31
Health Behaviors			41
Cigarette smoking (%)	22.9	23.1	38
Smoking during pregnancy (%)	15.1	15.3	16
Physical inactivity (%)	52.4	54.4	29
Overweight and obesity (%)	19.1	21.4	29
Low fruit and vegetable consumption (% < 5 a day)	79.1	77.3	39
Binge drinking (%)	30.0	24.5	63
Teen birth rate (per 1,000)	36	34	57
Sexually transmitted disease (per 100,000)	429	440	64
Violent crime (per 100,000)	187	225	61
Motor vehicle crash deaths (per 100,000)	11	14	9
Socioeconomic Factors			30
High school graduation rate (%)	93.8	91.8	52
Level of education (% HS grads)	86.3	85.1	16
Income/Household poverty ratio	2.64	2.57	16
Divorce rate (%)	9.1	8.9	48
Physical Environment			23
Air quality cancer risk (incidence per 1,000,000)	47	43	64
Air quality hazard index	2.8	2.7	62
Air quality - fine particulate matter in air	11.3	N/A	58
Ozone level	83.0	N/A	61
Nitrate levels in water >2 (%)	0.2	N/A	9
Nitrate levels in water >10 (%)	0.2	N/A	11
Pre-1950 housing (%)	19.8	31.1	8
Lead poisoned children (% positive tests)	1.0	3.9	26

* For a detailed explanation of methods and measures used, please visit the University of Wisconsin Population Health Institute web site at www.pophealth.wisc.edu/uwphi

This information was revised on March 5, 2007. For questions, please contact the University of Wisconsin Population Health Institute. You can find contact information online at www.pophealth.wisc.edu/uwphi/research/mainRankingsPage.htm.



	County	Wisconsin	Rank
Health Outcomes			42
Mortality (YPLL)	6,777	6,359	48
General health status (% Fair or Poor Health)	11.9	12.1	30
Health Determinants			15
Health Care			19
No health insurance (%)	5.7	6.4	24
Did not receive needed health care (%)	0.4	2.2	7
No recent dentist visit (%)	46.6	45.4	32
Pneumococcal vaccinations (%)	46.8	N/A	25
Influenza vaccinations (%)	46.2	56.0	57
Diabetic eye exams (%)	76.5	75.2	45
Diabetic lipid profile (%)	89.3	87.1	22
Diabetic HbA1c testing (%)	90.4	90.1	44
Biennial mammography (%)	66.7	66.2	30
Health Behaviors			15
Cigarette smoking (%)	12.6	23.1	1
Smoking during pregnancy (%)	14.6	15.3	13
Physical inactivity (%)	50.4	54.4	21
Overweight and obesity (%)	29.1	21.4	21
Low fruit and vegetable consumption (% < 5 a day)	70.5	77.3	3
Binge drinking (%)	31.1	24.5	67
Teen birth rate (per 1,000)	23	34	24
Sexually transmitted disease (per 100,000)	92	440	7
Violent crime (per 100,000)	55	225	7
Motor vehicle crash deaths (per 100,000)	0	14	1
Socioeconomic Factors			20
High school graduation rate (%)	98.1	91.8	10
Level of education (% HS grads)	84.1	85.1	32
Income/Household poverty ratio	2.55	2.57	33
Divorce rate (%)	7.8	8.9	19
Physical Environment			40
Air quality cancer risk (incidence per 1,000,000)	23	43	14
Air quality hazard index	0.8	2.7	25
Air quality - fine particulate matter in air	9.2	N/A	4
Ozone level	71.0	N/A	4
Nitrate levels in water >2 (%)	5.8	N/A	33
Nitrate levels in water >10 (%)	3.1	N/A	59
Pre-1950 housing (%)	45.5	31.1	69
Lead poisoned children (% positive tests)	1.2	3.9	38

* For a detailed explanation of methods and measures used, please visit the University of Wisconsin Population Health Institute web site at www.pophealth.wisc.edu/uwphi

This information was revised on March 5, 2007. For questions, please contact the University of Wisconsin Population Health Institute. You can find contact information online at www.pophealth.wisc.edu/uwphi/research/mainRankingsPage.htm.



	County	Wisconsin	Rank
Health Outcomes			69
Mortality (YPLL)	8,764	6,359	69
General health status (% Fair or Poor Health)	16.4	12.1	66
Health Determinants			65
Health Care			72
No health insurance (%)	14.2	6.4	70
Did not receive needed health care (%)	4.1	2.2	68
No recent dentist visit (%)	50.8	45.4	46
Pneumococcal vaccinations (%)	34.0	N/A	65
Influenza vaccinations (%)	40.9	56.0	64
Diabetic eye exams (%)	70.0	75.2	64
Diabetic lipid profile (%)	81.2	87.1	70
Diabetic HbA1c testing (%)	89.2	90.1	55
Biennial mammography (%)	62.7	66.2	53
Health Behaviors			53
Cigarette smoking (%)	27.3	23.1	64
Smoking during pregnancy (%)	30.0	15.3	68
Physical inactivity (%)	54.5	54.4	39
Overweight and obesity (%)	23.7	21.4	39
Low fruit and vegetable consumption (% < 5 a day)	80.8	77.3	54
Binge drinking (%)	16.2	24.5	7
Teen birth rate (per 1,000)	39	34	59
Sexually transmitted disease (per 100,000)	95	440	8
Violent crime (per 100,000)	113	225	42
Motor vehicle crash deaths (per 100,000)	41	14	70
Socioeconomic Factors			63
High school graduation rate (%)	94.2	91.8	50
Level of education (% HS grads)	82.8	85.1	45
Income/Household poverty ratio	2.47	2.57	51
Divorce rate (%)	10.4	8.9	64
Physical Environment			4
Air quality cancer risk (incidence per 1,000,000)	22	43	3
Air quality hazard index	0.5	2.7	7
Air quality - fine particulate matter in air	9.2	N/A	4
Ozone level	71.0	N/A	4
Nitrate levels in water >2 (%)	0.5	N/A	14
Nitrate levels in water >10 (%)	0.5	N/A	20
Pre-1950 housing (%)	19.3	31.1	5
Lead poisoned children (% positive tests)	0.5	3.9	13

* For a detailed explanation of methods and measures used, please visit the University of Wisconsin Population Health Institute web site at www.pophealth.wisc.edu/uwphi

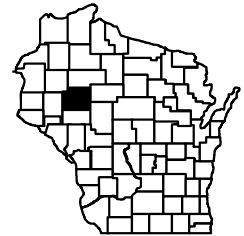
This information was revised on March 5, 2007. For questions, please contact the University of Wisconsin Population Health Institute. You can find contact information online at www.pophealth.wisc.edu/uwphi/research/mainRankingsPage.htm.



	County	Wisconsin	Rank
Health Outcomes			22
Mortality (YPLL)	4,231	6,359	1
General health status (% Fair or Poor Health)	14.1	12.1	53
Health Determinants			4
Health Care			13
No health insurance (%)	3.6	6.4	8
Did not receive needed health care (%)	2.3	2.2	47
No recent dentist visit (%)	38.1	45.4	5
Pneumococcal vaccinations (%)	39.4	N/A	54
Influenza vaccinations (%)	56.2	56.0	43
Diabetic eye exams (%)	77.4	75.2	36
Diabetic lipid profile (%)	90.9	87.1	8
Diabetic HbA1c testing (%)	93.8	90.1	6
Biennial mammography (%)	65.6	66.2	36
Health Behaviors			18
Cigarette smoking (%)	19.4	23.1	15
Smoking during pregnancy (%)	9.7	15.3	4
Physical inactivity (%)	46.3	54.4	14
Overweight and obesity (%)	23.8	21.4	14
Low fruit and vegetable consumption (% < 5 a day)	78.1	77.3	32
Binge drinking (%)	29.2	24.5	60
Teen birth rate (per 1,000)	17	34	5
Sexually transmitted disease (per 100,000)	81	440	6
Violent crime (per 100,000)	42	225	3
Motor vehicle crash deaths (per 100,000)	12	14	10
Socioeconomic Factors			3
High school graduation rate (%)	98.0	91.8	12
Level of education (% HS grads)	87.3	85.1	12
Income/Household poverty ratio	2.76	2.57	4
Divorce rate (%)	6.8	8.9	4
Physical Environment			36
Air quality cancer risk (incidence per 1,000,000)	30	43	49
Air quality hazard index	1.3	2.7	42
Air quality - fine particulate matter in air	11.8	N/A	62
Ozone level	81.0	N/A	56
Nitrate levels in water >2 (%)	20.0	N/A	51
Nitrate levels in water >10 (%)	2.3	N/A	53
Pre-1950 housing (%)	25.8	31.1	14
Lead poisoned children (% positive tests)	0.0	3.9	1

* For a detailed explanation of methods and measures used, please visit the University of Wisconsin Population Health Institute web site at www.pophealth.wisc.edu/uwphi

This information was revised on March 5, 2007. For questions, please contact the University of Wisconsin Population Health Institute. You can find contact information online at www.pophealth.wisc.edu/uwphi/research/mainRankingsPage.htm.



	County	Wisconsin	Rank
Health Outcomes			45
Mortality (YPLL)	6,022	6,359	25
General health status (% Fair or Poor Health)	14.4	12.1	54
Health Determinants			29
Health Care			39
No health insurance (%)	10.7	6.4	59
Did not receive needed health care (%)	3.9	2.2	67
No recent dentist visit (%)	45.2	45.4	28
Pneumococcal vaccinations (%)	46.3	N/A	28
Influenza vaccinations (%)	56.4	56.0	41
Diabetic eye exams (%)	80.6	75.2	15
Diabetic lipid profile (%)	91.7	87.1	5
Diabetic HbA1c testing (%)	92.8	90.1	16
Biennial mammography (%)	66.0	66.2	35
Health Behaviors			23
Cigarette smoking (%)	21.8	23.1	29
Smoking during pregnancy (%)	21.1	15.3	48
Physical inactivity (%)	50.7	54.4	22
Overweight and obesity (%)	20.9	21.4	22
Low fruit and vegetable consumption (% < 5 a day)	75.8	77.3	16
Binge drinking (%)	23.3	24.5	35
Teen birth rate (per 1,000)	30	34	46
Sexually transmitted disease (per 100,000)	176	440	36
Violent crime (per 100,000)	75	225	23
Motor vehicle crash deaths (per 100,000)	16	14	27
Socioeconomic Factors			36
High school graduation rate (%)	96.3	91.8	28
Level of education (% HS grads)	84.3	85.1	29
Income/Household poverty ratio	2.54	2.57	37
Divorce rate (%)	8.7	8.9	38
Physical Environment			62
Air quality cancer risk (incidence per 1,000,000)	28	43	47
Air quality hazard index	1.7	2.7	52
Air quality - fine particulate matter in air	9.2	N/A	4
Ozone level	71.0	N/A	4
Nitrate levels in water >2 (%)	41.4	N/A	67
Nitrate levels in water >10 (%)	3.3	N/A	65
Pre-1950 housing (%)	35.3	31.1	42
Lead poisoned children (% positive tests)	1.7	3.9	48

* For a detailed explanation of methods and measures used, please visit the University of Wisconsin Population Health Institute web site at www.pophealth.wisc.edu/uwphi

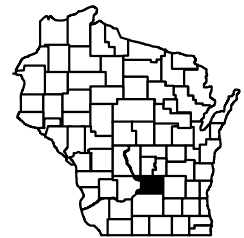
This information was revised on March 5, 2007. For questions, please contact the University of Wisconsin Population Health Institute. You can find contact information online at www.pophealth.wisc.edu/uwphi/research/mainRankingsPage.htm.



	County	Wisconsin	Rank
Health Outcomes			17
Mortality (YPLL)	6,267	6,359	36
General health status (% Fair or Poor Health)	10.0	12.1	13
Health Determinants			30
Health Care			31
No health insurance (%)	10.8	6.4	60
Did not receive needed health care (%)	0.9	2.2	13
No recent dentist visit (%)	48.5	45.4	39
Pneumococcal vaccinations (%)	43.7	N/A	39
Influenza vaccinations (%)	43.2	56.0	63
Diabetic eye exams (%)	79.9	75.2	17
Diabetic lipid profile (%)	89.0	87.1	26
Diabetic HbA1c testing (%)	91.7	90.1	31
Biennial mammography (%)	67.0	66.2	25
Health Behaviors			24
Cigarette smoking (%)	22.2	23.1	32
Smoking during pregnancy (%)	14.8	15.3	15
Physical inactivity (%)	66.5	54.4	64
Overweight and obesity (%)	22.4	21.4	64
Low fruit and vegetable consumption (% < 5 a day)	77.4	77.3	25
Binge drinking (%)	20.1	24.5	16
Teen birth rate (per 1,000)	27	34	37
Sexually transmitted disease (per 100,000)	120	440	17
Violent crime (per 100,000)	57	225	9
Motor vehicle crash deaths (per 100,000)	32	14	64
Socioeconomic Factors			42
High school graduation rate (%)	97.7	91.8	16
Level of education (% HS grads)	75.4	85.1	72
Income/Household poverty ratio	2.36	2.57	67
Divorce rate (%)	6.7	8.9	3
Physical Environment			28
Air quality cancer risk (incidence per 1,000,000)	23	43	20
Air quality hazard index	0.7	2.7	18
Air quality - fine particulate matter in air	9.2	N/A	4
Ozone level	71.0	N/A	4
Nitrate levels in water >2 (%)	12.9	N/A	45
Nitrate levels in water >10 (%)	1.1	N/A	35
Pre-1950 housing (%)	46.7	31.1	71
Lead poisoned children (% positive tests)	0.3	3.9	8

* For a detailed explanation of methods and measures used, please visit the University of Wisconsin Population Health Institute web site at www.pophealth.wisc.edu/uwphi

This information was revised on March 5, 2007. For questions, please contact the University of Wisconsin Population Health Institute. You can find contact information online at www.pophealth.wisc.edu/uwphi/research/mainRankingsPage.htm.



	County	Wisconsin	Rank
Health Outcomes			52
Mortality (YPLL)	6,952	6,359	51
General health status (% Fair or Poor Health)	13.6	12.1	50
Health Determinants			20
Health Care			27
No health insurance (%)	3.6	6.4	7
Did not receive needed health care (%)	1.5	2.2	20
No recent dentist visit (%)	52.2	45.4	51
Pneumococcal vaccinations (%)	42.9	N/A	43
Influenza vaccinations (%)	54.8	56.0	45
Diabetic eye exams (%)	77.0	75.2	40
Diabetic lipid profile (%)	85.3	87.1	53
Diabetic HbA1c testing (%)	93.4	90.1	9
Biennial mammography (%)	63.5	66.2	47
Health Behaviors			21
Cigarette smoking (%)	23.2	23.1	40
Smoking during pregnancy (%)	17.5	15.3	30
Physical inactivity (%)	56.0	54.4	44
Overweight and obesity (%)	18.0	21.4	44
Low fruit and vegetable consumption (% < 5 a day)	80.2	77.3	49
Binge drinking (%)	19.5	24.5	12
Teen birth rate (per 1,000)	23	34	23
Sexually transmitted disease (per 100,000)	192	440	40
Violent crime (per 100,000)	77	225	24
Motor vehicle crash deaths (per 100,000)	22	14	49
Socioeconomic Factors			13
High school graduation rate (%)	96.5	91.8	25
Level of education (% HS grads)	86.2	85.1	18
Income/Household poverty ratio	2.68	2.57	10
Divorce rate (%)	8.6	8.9	34
Physical Environment			69
Air quality cancer risk (incidence per 1,000,000)	30	43	48
Air quality hazard index	1.9	2.7	56
Air quality - fine particulate matter in air	11.8	N/A	62
Ozone level	79.0	N/A	54
Nitrate levels in water >2 (%)	29.9	N/A	64
Nitrate levels in water >10 (%)	5.2	N/A	70
Pre-1950 housing (%)	37.5	31.1	51
Lead poisoned children (% positive tests)	2.1	3.9	54

* For a detailed explanation of methods and measures used, please visit the University of Wisconsin Population Health Institute web site at www.pophealth.wisc.edu/uwphi

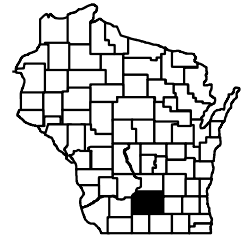
This information was revised on March 5, 2007. For questions, please contact the University of Wisconsin Population Health Institute. You can find contact information online at www.pophealth.wisc.edu/uwphi/research/mainRankingsPage.htm.



	County	Wisconsin	Rank
Health Outcomes			37
Mortality (YPLL)	6,069	6,359	28
General health status (% Fair or Poor Health)	12.3	12.1	38
Health Determinants			63
Health Care			67
No health insurance (%)	11.6	6.4	67
Did not receive needed health care (%)	2.0	2.2	39
No recent dentist visit (%)	55.9	45.4	60
Pneumococcal vaccinations (%)	45.3	N/A	33
Influenza vaccinations (%)	49.0	56.0	53
Diabetic eye exams (%)	72.9	75.2	61
Diabetic lipid profile (%)	85.3	87.1	52
Diabetic HbA1c testing (%)	89.8	90.1	50
Biennial mammography (%)	58.5	66.2	66
Health Behaviors			67
Cigarette smoking (%)	33.4	23.1	69
Smoking during pregnancy (%)	20.7	15.3	44
Physical inactivity (%)	65.8	54.4	62
Overweight and obesity (%)	22.7	21.4	62
Low fruit and vegetable consumption (% < 5 a day)	78.6	77.3	35
Binge drinking (%)	22.1	24.5	27
Teen birth rate (per 1,000)	35	34	53
Sexually transmitted disease (per 100,000)	165	440	29
Violent crime (per 100,000)	35	225	1
Motor vehicle crash deaths (per 100,000)	13	14	13
Socioeconomic Factors			48
High school graduation rate (%)	97.5	91.8	19
Level of education (% HS grads)	81.3	85.1	56
Income/Household poverty ratio	2.44	2.57	56
Divorce rate (%)	9.0	8.9	45
Physical Environment			31
Air quality cancer risk (incidence per 1,000,000)	22	43	2
Air quality hazard index	0.4	2.7	3
Air quality - fine particulate matter in air	9.2	N/A	4
Ozone level	71.0	N/A	4
Nitrate levels in water >2 (%)	37.7	N/A	66
Nitrate levels in water >10 (%)	1.6	N/A	47
Pre-1950 housing (%)	33.5	31.1	39
Lead poisoned children (% positive tests)	0.9	3.9	24

* For a detailed explanation of methods and measures used, please visit the University of Wisconsin Population Health Institute web site at www.pophealth.wisc.edu/uwphi

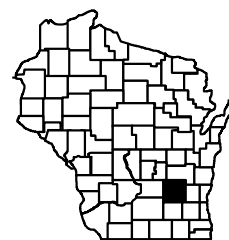
This information was revised on March 5, 2007. For questions, please contact the University of Wisconsin Population Health Institute. You can find contact information online at www.pophealth.wisc.edu/uwphi/research/mainRankingsPage.htm.



	County	Wisconsin	Rank
Health Outcomes			8
Mortality (YPLL)	5,338	6,359	12
General health status (% Fair or Poor Health)	9.8	12.1	12
Health Determinants			8
Health Care			26
No health insurance (%)	5.2	6.4	17
Did not receive needed health care (%)	3.0	2.2	64
No recent dentist visit (%)	40.4	45.4	10
Pneumococcal vaccinations (%)	49.8	N/A	13
Influenza vaccinations (%)	49.4	56.0	52
Diabetic eye exams (%)	81.4	75.2	12
Diabetic lipid profile (%)	86.6	87.1	47
Diabetic HbA1c testing (%)	90.6	90.1	42
Biennial mammography (%)	66.3	66.2	33
Health Behaviors			6
Cigarette smoking (%)	18.9	23.1	13
Smoking during pregnancy (%)	9.4	15.3	3
Physical inactivity (%)	50.9	54.4	23
Overweight and obesity (%)	17.3	21.4	23
Low fruit and vegetable consumption (% < 5 a day)	74.9	77.3	13
Binge drinking (%)	25.5	24.5	48
Teen birth rate (per 1,000)	21	34	15
Sexually transmitted disease (per 100,000)	437	440	65
Violent crime (per 100,000)	228	225	65
Motor vehicle crash deaths (per 100,000)	9	14	7
Socioeconomic Factors			25
High school graduation rate (%)	92.2	91.8	60
Level of education (% HS grads)	92.2	85.1	1
Income/Household poverty ratio	2.60	2.57	24
Divorce rate (%)	8.9	8.9	41
Physical Environment			59
Air quality cancer risk (incidence per 1,000,000)	43	43	63
Air quality hazard index	3.2	2.7	65
Air quality - fine particulate matter in air	12.5	N/A	69
Ozone level	78.0	N/A	52
Nitrate levels in water >2 (%)	26.9	N/A	60
Nitrate levels in water >10 (%)	2.8	N/A	58
Pre-1950 housing (%)	20.7	31.1	9
Lead poisoned children (% positive tests)	0.8	3.9	22

* For a detailed explanation of methods and measures used, please visit the University of Wisconsin Population Health Institute web site at www.pophealth.wisc.edu/uwphi

This information was revised on March 5, 2007. For questions, please contact the University of Wisconsin Population Health Institute. You can find contact information online at www.pophealth.wisc.edu/uwphi/research/mainRankingsPage.htm.



	County	Wisconsin	Rank
Health Outcomes			39
Mortality (YPLL)	6,252	6,359	34
General health status (% Fair or Poor Health)	12.1	12.1	34
Health Determinants			19
Health Care			28
No health insurance (%)	6.3	6.4	34
Did not receive needed health care (%)	1.1	2.2	15
No recent dentist visit (%)	44.7	45.4	23
Pneumococcal vaccinations (%)	38.4	N/A	57
Influenza vaccinations (%)	59.7	56.0	25
Diabetic eye exams (%)	77.0	75.2	38
Diabetic lipid profile (%)	85.2	87.1	55
Diabetic HbA1c testing (%)	90.1	90.1	46
Biennial mammography (%)	63.1	66.2	50
Health Behaviors			39
Cigarette smoking (%)	20.7	23.1	23
Smoking during pregnancy (%)	17.9	15.3	35
Physical inactivity (%)	56.3	54.4	45
Overweight and obesity (%)	30.0	21.4	45
Low fruit and vegetable consumption (% < 5 a day)	77.8	77.3	27
Binge drinking (%)	22.7	24.5	33
Teen birth rate (per 1,000)	29	34	42
Sexually transmitted disease (per 100,000)	518	440	69
Violent crime (per 100,000)	71	225	18
Motor vehicle crash deaths (per 100,000)	27	14	59
Socioeconomic Factors			9
High school graduation rate (%)	98.4	91.8	6
Level of education (% HS grads)	82.3	85.1	51
Income/Household poverty ratio	2.68	2.57	8
Divorce rate (%)	7.6	8.9	14
Physical Environment			55
Air quality cancer risk (incidence per 1,000,000)	28	43	45
Air quality hazard index	1.2	2.7	41
Air quality - fine particulate matter in air	11.1	N/A	57
Ozone level	82.0	N/A	58
Nitrate levels in water >2 (%)	1.5	N/A	22
Nitrate levels in water >10 (%)	1.5	N/A	46
Pre-1950 housing (%)	41.0	31.1	59
Lead poisoned children (% positive tests)	2.9	3.9	62

* For a detailed explanation of methods and measures used, please visit the University of Wisconsin Population Health Institute web site at www.pophealth.wisc.edu/uwphi

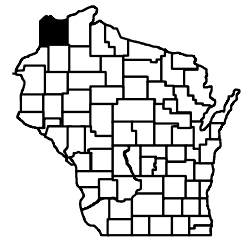
This information was revised on March 5, 2007. For questions, please contact the University of Wisconsin Population Health Institute. You can find contact information online at www.pophealth.wisc.edu/uwphi/research/mainRankingsPage.htm.



	County	Wisconsin	Rank
Health Outcomes			23
Mortality (YPLL)	6,264	6,359	35
General health status (% Fair or Poor Health)	10.7	12.1	20
Health Determinants			13
Health Care			9
No health insurance (%)	3.1	6.4	2
Did not receive needed health care (%)	0.3	2.2	6
No recent dentist visit (%)	42.5	45.4	16
Pneumococcal vaccinations (%)	33.0	N/A	66
Influenza vaccinations (%)	56.5	56.0	40
Diabetic eye exams (%)	76.1	75.2	49
Diabetic lipid profile (%)	88.8	87.1	27
Diabetic HbA1c testing (%)	90.7	90.1	39
Biennial mammography (%)	70.4	66.2	12
Health Behaviors			22
Cigarette smoking (%)	25.3	23.1	51
Smoking during pregnancy (%)	17.8	15.3	33
Physical inactivity (%)	52.7	54.4	31
Overweight and obesity (%)	21.4	21.4	31
Low fruit and vegetable consumption (% < 5 a day)	77.0	77.3	24
Binge drinking (%)	20.1	24.5	17
Teen birth rate (per 1,000)	24	34	28
Sexually transmitted disease (per 100,000)	165	440	28
Violent crime (per 100,000)	47	225	5
Motor vehicle crash deaths (per 100,000)	19	14	39
Socioeconomic Factors			18
High school graduation rate (%)	97.6	91.8	17
Level of education (% HS grads)	87.8	85.1	11
Income/Household poverty ratio	2.59	2.57	29
Divorce rate (%)	8.6	8.9	31
Physical Environment			32
Air quality cancer risk (incidence per 1,000,000)	24	43	27
Air quality hazard index	0.6	2.7	12
Air quality - fine particulate matter in air	7.6	N/A	2
Ozone level	94.0	N/A	68
Nitrate levels in water >2 (%)	33.4	N/A	65
Nitrate levels in water >10 (%)	0.6	N/A	21
Pre-1950 housing (%)	30.7	31.1	30
Lead poisoned children (% positive tests)	1.2	3.9	37

* For a detailed explanation of methods and measures used, please visit the University of Wisconsin Population Health Institute web site at www.pophealth.wisc.edu/uwphi

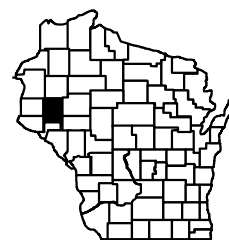
This information was revised on March 5, 2007. For questions, please contact the University of Wisconsin Population Health Institute. You can find contact information online at www.pophealth.wisc.edu/uwphi/research/mainRankingsPage.htm.



	County	Wisconsin	Rank
Health Outcomes			56
Mortality (YPLL)	7,130	6,359	56
General health status (% Fair or Poor Health)	13.5	12.1	48
Health Determinants			68
Health Care			45
No health insurance (%)	10.6	6.4	57
Did not receive needed health care (%)	2.8	2.2	60
No recent dentist visit (%)	48.9	45.4	40
Pneumococcal vaccinations (%)	46.1	N/A	30
Influenza vaccinations (%)	45.0	56.0	60
Diabetic eye exams (%)	76.9	75.2	41
Diabetic lipid profile (%)	88.3	87.1	30
Diabetic HbA1c testing (%)	94.2	90.1	4
Biennial mammography (%)	67.0	66.2	26
Health Behaviors			62
Cigarette smoking (%)	29.2	23.1	65
Smoking during pregnancy (%)	23.0	15.3	56
Physical inactivity (%)	47.4	54.4	16
Overweight and obesity (%)	21.9	21.4	16
Low fruit and vegetable consumption (% < 5 a day)	84.8	77.3	66
Binge drinking (%)	24.8	24.5	45
Teen birth rate (per 1,000)	34	34	52
Sexually transmitted disease (per 100,000)	259	440	56
Violent crime (per 100,000)	177	225	59
Motor vehicle crash deaths (per 100,000)	14	14	19
Socioeconomic Factors			69
High school graduation rate (%)	82.8	91.8	70
Level of education (% HS grads)	85.9	85.1	20
Income/Household poverty ratio	2.46	2.57	52
Divorce rate (%)	11.0	8.9	71
Physical Environment			22
Air quality cancer risk (incidence per 1,000,000)	35	43	52
Air quality hazard index	2.5	2.7	59
Air quality - fine particulate matter in air	8.0	N/A	3
Ozone level	71.0	N/A	4
Nitrate levels in water >2 (%)	0.0	N/A	1
Nitrate levels in water >10 (%)	0.0	N/A	1
Pre-1950 housing (%)	44.1	31.1	67
Lead poisoned children (% positive tests)	1.0	3.9	29

* For a detailed explanation of methods and measures used, please visit the University of Wisconsin Population Health Institute web site at www.pophealth.wisc.edu/uwphi

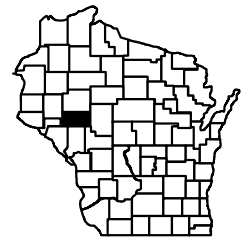
This information was revised on March 5, 2007. For questions, please contact the University of Wisconsin Population Health Institute. You can find contact information online at www.pophealth.wisc.edu/uwphi/research/mainRankingsPage.htm.



	County	Wisconsin	Rank
Health Outcomes			31
Mortality (YPLL)	5,626	6,359	17
General health status (% Fair or Poor Health)	12.8	12.1	43
Health Determinants			35
Health Care			52
No health insurance (%)	9.9	6.4	54
Did not receive needed health care (%)	2.4	2.2	50
No recent dentist visit (%)	61.6	45.4	68
Pneumococcal vaccinations (%)	54.5	N/A	2
Influenza vaccinations (%)	58.0	56.0	34
Diabetic eye exams (%)	72.4	75.2	62
Diabetic lipid profile (%)	89.3	87.1	21
Diabetic HbA1c testing (%)	90.8	90.1	38
Biennial mammography (%)	68.2	66.2	18
Health Behaviors			58
Cigarette smoking (%)	30.3	23.1	67
Smoking during pregnancy (%)	17.4	15.3	29
Physical inactivity (%)	52.2	54.4	27
Overweight and obesity (%)	19.4	21.4	27
Low fruit and vegetable consumption (% < 5 a day)	74.1	77.3	11
Binge drinking (%)	32.8	24.5	69
Teen birth rate (per 1,000)	18	34	7
Sexually transmitted disease (per 100,000)	264	440	57
Violent crime (per 100,000)	74	225	20
Motor vehicle crash deaths (per 100,000)	17	14	29
Socioeconomic Factors			28
High school graduation rate (%)	96.4	91.8	27
Level of education (% HS grads)	86.6	85.1	14
Income/Household poverty ratio	2.42	2.57	61
Divorce rate (%)	7.4	8.9	10
Physical Environment			16
Air quality cancer risk (incidence per 1,000,000)	24	43	32
Air quality hazard index	1.1	2.7	38
Air quality - fine particulate matter in air	9.2	N/A	4
Ozone level	71.0	N/A	4
Nitrate levels in water >2 (%)	1.0	N/A	17
Nitrate levels in water >10 (%)	1.0	N/A	29
Pre-1950 housing (%)	33.0	31.1	36
Lead poisoned children (% positive tests)	1.1	3.9	33

* For a detailed explanation of methods and measures used, please visit the University of Wisconsin Population Health Institute web site at www.pophealth.wisc.edu/uwphi

This information was revised on March 5, 2007. For questions, please contact the University of Wisconsin Population Health Institute. You can find contact information online at www.pophealth.wisc.edu/uwphi/research/mainRankingsPage.htm.



	County	Wisconsin	Rank
Health Outcomes			3
Mortality (YPLL)	4,791	6,359	4
General health status (% Fair or Poor Health)	8.2	12.1	2
Health Determinants			9
Health Care			3
No health insurance (%)	5.7	6.4	26
Did not receive needed health care (%)	2.0	2.2	40
No recent dentist visit (%)	44.8	45.4	25
Pneumococcal vaccinations (%)	53.3	N/A	4
Influenza vaccinations (%)	68.7	56.0	2
Diabetic eye exams (%)	78.8	75.2	24
Diabetic lipid profile (%)	92.7	87.1	1
Diabetic HbA1c testing (%)	92.1	90.1	25
Biennial mammography (%)	76.0	66.2	2
Health Behaviors			20
Cigarette smoking (%)	21.2	23.1	26
Smoking during pregnancy (%)	18.0	15.3	37
Physical inactivity (%)	43.4	54.4	7
Overweight and obesity (%)	20.6	21.4	7
Low fruit and vegetable consumption (% < 5 a day)	72.9	77.3	8
Binge drinking (%)	27.9	24.5	56
Teen birth rate (per 1,000)	19	34	10
Sexually transmitted disease (per 100,000)	408	440	63
Violent crime (per 100,000)	165	225	58
Motor vehicle crash deaths (per 100,000)	12	14	12
Socioeconomic Factors			21
High school graduation rate (%)	98.9	91.8	1
Level of education (% HS grads)	88.9	85.1	7
Income/Household poverty ratio	2.49	2.57	45
Divorce rate (%)	8.3	8.9	26
Physical Environment			25
Air quality cancer risk (incidence per 1,000,000)	43	43	62
Air quality hazard index	3.3	2.7	66
Air quality - fine particulate matter in air	9.2	N/A	4
Ozone level	71.0	N/A	4
Nitrate levels in water >2 (%)	8.8	N/A	38
Nitrate levels in water >10 (%)	0.5	N/A	17
Pre-1950 housing (%)	28.7	31.1	22
Lead poisoned children (% positive tests)	1.0	3.9	30

* For a detailed explanation of methods and measures used, please visit the University of Wisconsin Population Health Institute web site at www.pophealth.wisc.edu/uwphi

This information was revised on March 5, 2007. For questions, please contact the University of Wisconsin Population Health Institute. You can find contact information online at www.pophealth.wisc.edu/uwphi/research/mainRankingsPage.htm.



	County	Wisconsin	Rank
Health Outcomes			12
Mortality (YPLL)	6,625	6,359	44
General health status (% Fair or Poor Health)	8.9	12.1	6
Health Determinants			32
Health Care			35
No health insurance (%)	11.4	6.4	66
Did not receive needed health care (%)	0.0	2.2	1
No recent dentist visit (%)	34.6	45.4	2
Pneumococcal vaccinations (%)	22.7	N/A	71
Influenza vaccinations (%)	26.8	56.0	71
Diabetic eye exams (%)	76.1	75.2	48
Diabetic lipid profile (%)	82.6	87.1	66
Diabetic HbA1c testing (%)	93.5	90.1	8
Biennial mammography (%)	72.2	66.2	7
Health Behaviors			9
Cigarette smoking (%)	17.3	23.1	10
Smoking during pregnancy (%)	24.8	15.3	59
Physical inactivity (%)	41.3	54.4	4
Overweight and obesity (%)	23.3	21.4	4
Low fruit and vegetable consumption (% < 5 a day)	82.0	77.3	58
Binge drinking (%)	13.1	24.5	4
Teen birth rate (per 1,000)	20	34	12
Sexually transmitted disease (per 100,000)	44	440	2
Violent crime (per 100,000)	126	225	47
Motor vehicle crash deaths (per 100,000)	20	14	42
Socioeconomic Factors			58
High school graduation rate (%)	98.3	91.8	8
Level of education (% HS grads)	83.7	85.1	39
Income/Household poverty ratio	2.49	2.57	46
Divorce rate (%)	10.9	8.9	70
Physical Environment			3
Air quality cancer risk (incidence per 1,000,000)	22	43	4
Air quality hazard index	0.5	2.7	9
Air quality - fine particulate matter in air	9.2	N/A	4
Ozone level	67.0	N/A	1
Nitrate levels in water >2 (%)	0.0	N/A	1
Nitrate levels in water >10 (%)	0.0	N/A	1
Pre-1950 housing (%)	25.8	31.1	15
Lead poisoned children (% positive tests)	0.0	3.9	1

* For a detailed explanation of methods and measures used, please visit the University of Wisconsin Population Health Institute web site at www.pophealth.wisc.edu/uwphi

This information was revised on March 5, 2007. For questions, please contact the University of Wisconsin Population Health Institute. You can find contact information online at www.pophealth.wisc.edu/uwphi/research/mainRankingsPage.htm.



	County	Wisconsin	Rank
Health Outcomes			24
Mortality (YPLL)	5,722	6,359	20
General health status (% Fair or Poor Health)	11.9	12.1	31
Health Determinants			17
Health Care			16
No health insurance (%)	5.6	6.4	21
Did not receive needed health care (%)	1.5	2.2	21
No recent dentist visit (%)	41.9	45.4	13
Pneumococcal vaccinations (%)	47.8	N/A	23
Influenza vaccinations (%)	61.2	56.0	15
Diabetic eye exams (%)	79.4	75.2	21
Diabetic lipid profile (%)	87.8	87.1	34
Diabetic HbA1c testing (%)	91.0	90.1	36
Biennial mammography (%)	65.3	66.2	40
Health Behaviors			32
Cigarette smoking (%)	24.2	23.1	46
Smoking during pregnancy (%)	17.6	15.3	31
Physical inactivity (%)	49.8	54.4	19
Overweight and obesity (%)	24.4	21.4	19
Low fruit and vegetable consumption (% < 5 a day)	79.1	77.3	40
Binge drinking (%)	23.9	24.5	39
Teen birth rate (per 1,000)	26	34	32
Sexually transmitted disease (per 100,000)	223	440	48
Violent crime (per 100,000)	74	225	22
Motor vehicle crash deaths (per 100,000)	14	14	18
Socioeconomic Factors			11
High school graduation rate (%)	94.3	91.8	47
Level of education (% HS grads)	84.2	85.1	30
Income/Household poverty ratio	2.67	2.57	11
Divorce rate (%)	7.7	8.9	16
Physical Environment			45
Air quality cancer risk (incidence per 1,000,000)	38	43	55
Air quality hazard index	1.7	2.7	51
Air quality - fine particulate matter in air	11.8	N/A	62
Ozone level	80.0	N/A	55
Nitrate levels in water >2 (%)	1.5	N/A	21
Nitrate levels in water >10 (%)	1.5	N/A	43
Pre-1950 housing (%)	37.3	31.1	47
Lead poisoned children (% positive tests)	1.4	3.9	41

* For a detailed explanation of methods and measures used, please visit the University of Wisconsin Population Health Institute web site at www.pophealth.wisc.edu/uwphi

This information was revised on March 5, 2007. For questions, please contact the University of Wisconsin Population Health Institute. You can find contact information online at www.pophealth.wisc.edu/uwphi/research/mainRankingsPage.htm.



	County	Wisconsin	Rank
Health Outcomes			71
Mortality (YPLL)	9,284	6,359	70
General health status (% Fair or Poor Health)	18.8	12.1	72
Health Determinants			66
Health Care			32
No health insurance (%)	5.3	6.4	19
Did not receive needed health care (%)	0.0	2.2	1
No recent dentist visit (%)	58.8	45.4	65
Pneumococcal vaccinations (%)	46.2	N/A	29
Influenza vaccinations (%)	59.7	56.0	27
Diabetic eye exams (%)	79.8	75.2	18
Diabetic lipid profile (%)	83.9	87.1	61
Diabetic HbA1c testing (%)	88.1	90.1	59
Biennial mammography (%)	60.0	66.2	64
Health Behaviors			64
Cigarette smoking (%)	17.0	23.1	8
Smoking during pregnancy (%)	32.3	15.3	71
Physical inactivity (%)	55.1	54.4	41
Overweight and obesity (%)	18.2	21.4	41
Low fruit and vegetable consumption (% < 5 a day)	88.5	77.3	72
Binge drinking (%)	22.2	24.5	28
Teen birth rate (per 1,000)	42	34	64
Sexually transmitted disease (per 100,000)	324	440	60
Violent crime (per 100,000)	288	225	69
Motor vehicle crash deaths (per 100,000)	17	14	31
Socioeconomic Factors			65
High school graduation rate (%)	92.9	91.8	57
Level of education (% HS grads)	78.5	85.1	67
Income/Household poverty ratio	2.35	2.57	68
Divorce rate (%)	8.9	8.9	40
Physical Environment			15
Air quality cancer risk (incidence per 1,000,000)	22	43	5
Air quality hazard index	0.4	2.7	4
Air quality - fine particulate matter in air	9.2	N/A	4
Ozone level	71.0	N/A	4
Nitrate levels in water >2 (%)	20.3	N/A	52
Nitrate levels in water >10 (%)	0.8	N/A	26
Pre-1950 housing (%)	27.7	31.1	20
Lead poisoned children (% positive tests)	0.6	3.9	15

* For a detailed explanation of methods and measures used, please visit the University of Wisconsin Population Health Institute web site at www.pophealth.wisc.edu/uwphi

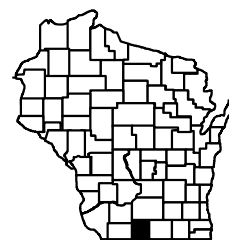
This information was revised on March 5, 2007. For questions, please contact the University of Wisconsin Population Health Institute. You can find contact information online at www.pophealth.wisc.edu/uwphi/research/mainRankingsPage.htm.



	County	Wisconsin	Rank
Health Outcomes			30
Mortality (YPLL)	6,200	6,359	32
General health status (% Fair or Poor Health)	11.8	12.1	29
Health Determinants			34
Health Care			56
No health insurance (%)	6.0	6.4	30
Did not receive needed health care (%)	2.4	2.2	52
No recent dentist visit (%)	48.4	45.4	38
Pneumococcal vaccinations (%)	32.7	N/A	67
Influenza vaccinations (%)	44.8	56.0	62
Diabetic eye exams (%)	78.3	75.2	27
Diabetic lipid profile (%)	81.2	87.1	69
Diabetic HbA1c testing (%)	92.3	90.1	21
Biennial mammography (%)	62.2	66.2	59
Health Behaviors			59
Cigarette smoking (%)	25.9	23.1	55
Smoking during pregnancy (%)	14.1	15.3	11
Physical inactivity (%)	53.1	54.4	34
Overweight and obesity (%)	28.1	21.4	34
Low fruit and vegetable consumption (% < 5 a day)	81.9	77.3	57
Binge drinking (%)	29.3	24.5	61
Teen birth rate (per 1,000)	21	34	14
Sexually transmitted disease (per 100,000)	155	440	25
Violent crime (per 100,000)	144	225	56
Motor vehicle crash deaths (per 100,000)	21	14	46
Socioeconomic Factors			15
High school graduation rate (%)	98.4	91.8	4
Level of education (% HS grads)	83.5	85.1	43
Income/Household poverty ratio	2.43	2.57	58
Divorce rate (%)	6.5	8.9	2
Physical Environment			50
Air quality cancer risk (incidence per 1,000,000)	23	43	20
Air quality hazard index	0.6	2.7	14
Air quality - fine particulate matter in air	11.4	N/A	60
Ozone level	71.0	N/A	4
Nitrate levels in water >2 (%)	10.4	N/A	42
Nitrate levels in water >10 (%)	1.1	N/A	36
Pre-1950 housing (%)	40.9	31.1	57
Lead poisoned children (% positive tests)	3.5	3.9	65

* For a detailed explanation of methods and measures used, please visit the University of Wisconsin Population Health Institute web site at www.pophealth.wisc.edu/uwphi

This information was revised on March 5, 2007. For questions, please contact the University of Wisconsin Population Health Institute. You can find contact information online at www.pophealth.wisc.edu/uwphi/research/mainRankingsPage.htm.



	County	Wisconsin	Rank
Health Outcomes			40
Mortality (YPLL)	6,144	6,359	29
General health status (% Fair or Poor Health)	12.5	12.1	40
Health Determinants			25
Health Care			29
No health insurance (%)	7.4	6.4	44
Did not receive needed health care (%)	0.8	2.2	11
No recent dentist visit (%)	55.2	45.4	59
Pneumococcal vaccinations (%)	46.3	N/A	27
Influenza vaccinations (%)	36.8	56.0	65
Diabetic eye exams (%)	77.5	75.2	33
Diabetic lipid profile (%)	92.6	87.1	2
Diabetic HbA1c testing (%)	92.4	90.1	20
Biennial mammography (%)	65.5	66.2	38
Health Behaviors			14
Cigarette smoking (%)	22.4	23.1	34
Smoking during pregnancy (%)	19.1	15.3	39
Physical inactivity (%)	63.4	54.4	60
Overweight and obesity (%)	17.0	21.4	60
Low fruit and vegetable consumption (% < 5 a day)	79.0	77.3	36
Binge drinking (%)	21.1	24.5	24
Teen birth rate (per 1,000)	24	34	27
Sexually transmitted disease (per 100,000)	196	440	43
Violent crime (per 100,000)	56	225	8
Motor vehicle crash deaths (per 100,000)	20	14	43
Socioeconomic Factors			29
High school graduation rate (%)	95.3	91.8	42
Level of education (% HS grads)	84.1	85.1	33
Income/Household poverty ratio	2.64	2.57	13
Divorce rate (%)	8.7	8.9	39
Physical Environment			70
Air quality cancer risk (incidence per 1,000,000)	27	43	41
Air quality hazard index	1.5	2.7	46
Air quality - fine particulate matter in air	11.8	N/A	62
Ozone level	75.0	N/A	51
Nitrate levels in water >2 (%)	4.6	N/A	30
Nitrate levels in water >10 (%)	4.6	N/A	69
Pre-1950 housing (%)	42.0	31.1	62
Lead poisoned children (% positive tests)	5.2	3.9	70

* For a detailed explanation of methods and measures used, please visit the University of Wisconsin Population Health Institute web site at www.pophealth.wisc.edu/uwphi

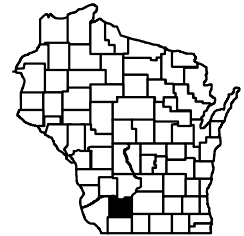
This information was revised on March 5, 2007. For questions, please contact the University of Wisconsin Population Health Institute. You can find contact information online at www.pophealth.wisc.edu/uwphi/research/mainRankingsPage.htm.



	County	Wisconsin	Rank
Health Outcomes			38
Mortality (YPLL)	5,600	6,359	16
General health status (% Fair or Poor Health)	13.2	12.1	46
Health Determinants			41
Health Care			33
No health insurance (%)	5.3	6.4	20
Did not receive needed health care (%)	3.5	2.2	66
No recent dentist visit (%)	45.0	45.4	26
Pneumococcal vaccinations (%)	49.1	N/A	16
Influenza vaccinations (%)	59.8	56.0	24
Diabetic eye exams (%)	75.4	75.2	55
Diabetic lipid profile (%)	85.7	87.1	50
Diabetic HbA1c testing (%)	93.3	90.1	10
Biennial mammography (%)	62.5	66.2	57
Health Behaviors			66
Cigarette smoking (%)	29.4	23.1	66
Smoking during pregnancy (%)	17.1	15.3	28
Physical inactivity (%)	65.9	54.4	63
Overweight and obesity (%)	29.2	21.4	63
Low fruit and vegetable consumption (% < 5 a day)	76.8	77.3	21
Binge drinking (%)	26.7	24.5	52
Teen birth rate (per 1,000)	31	34	48
Sexually transmitted disease (per 100,000)	166	440	31
Violent crime (per 100,000)	124	225	46
Motor vehicle crash deaths (per 100,000)	14	14	16
Socioeconomic Factors			24
High school graduation rate (%)	97.3	91.8	21
Level of education (% HS grads)	81.9	85.1	53
Income/Household poverty ratio	2.58	2.57	30
Divorce rate (%)	7.8	8.9	18
Physical Environment			49
Air quality cancer risk (incidence per 1,000,000)	24	43	31
Air quality hazard index	1.0	2.7	35
Air quality - fine particulate matter in air	9.2	N/A	4
Ozone level	71.0	N/A	4
Nitrate levels in water >2 (%)	18.1	N/A	50
Nitrate levels in water >10 (%)	3.3	N/A	62
Pre-1950 housing (%)	39.5	31.1	55
Lead poisoned children (% positive tests)	1.9	3.9	50

* For a detailed explanation of methods and measures used, please visit the University of Wisconsin Population Health Institute web site at www.pophealth.wisc.edu/uwphi

This information was revised on March 5, 2007. For questions, please contact the University of Wisconsin Population Health Institute. You can find contact information online at www.pophealth.wisc.edu/uwphi/research/mainRankingsPage.htm.



	County	Wisconsin	Rank
Health Outcomes			9
Mortality (YPLL)	6,279	6,359	37
General health status (% Fair or Poor Health)	8.4	12.1	4
Health Determinants			10
Health Care			62
No health insurance (%)	5.0	6.4	14
Did not receive needed health care (%)	1.5	2.2	22
No recent dentist visit (%)	45.8	45.4	31
Pneumococcal vaccinations (%)	30.8	N/A	69
Influenza vaccinations (%)	32.9	56.0	68
Diabetic eye exams (%)	79.0	75.2	22
Diabetic lipid profile (%)	77.3	87.1	72
Diabetic HbA1c testing (%)	88.1	90.1	60
Biennial mammography (%)	54.7	66.2	70
Health Behaviors			5
Cigarette smoking (%)	14.6	23.1	3
Smoking during pregnancy (%)	16.2	15.3	22
Physical inactivity (%)	38.6	54.4	1
Overweight and obesity (%)	21.2	21.4	1
Low fruit and vegetable consumption (% < 5 a day)	76.1	77.3	18
Binge drinking (%)	22.5	24.5	30
Teen birth rate (per 1,000)	22	34	17
Sexually transmitted disease (per 100,000)	149	440	24
Violent crime (per 100,000)	108	225	40
Motor vehicle crash deaths (per 100,000)	31	14	63
Socioeconomic Factors			17
High school graduation rate (%)	95.8	91.8	35
Level of education (% HS grads)	88.5	85.1	9
Income/Household poverty ratio	2.61	2.57	22
Divorce rate (%)	8.6	8.9	32
Physical Environment			41
Air quality cancer risk (incidence per 1,000,000)	23	43	14
Air quality hazard index	0.7	2.7	21
Air quality - fine particulate matter in air	9.2	N/A	4
Ozone level	71.0	N/A	4
Nitrate levels in water >2 (%)	25.4	N/A	58
Nitrate levels in water >10 (%)	1.1	N/A	33
Pre-1950 housing (%)	44.3	31.1	68
Lead poisoned children (% positive tests)	1.6	3.9	45

* For a detailed explanation of methods and measures used, please visit the University of Wisconsin Population Health Institute web site at www.pophealth.wisc.edu/uwphi

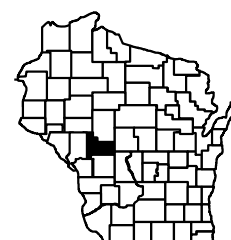
This information was revised on March 5, 2007. For questions, please contact the University of Wisconsin Population Health Institute. You can find contact information online at www.pophealth.wisc.edu/uwphi/research/mainRankingsPage.htm.



	County	Wisconsin	Rank
Health Outcomes			54
Mortality (YPLL)	8,457	6,359	67
General health status (% Fair or Poor Health)	10.9	12.1	22
Health Determinants			42
Health Care			71
No health insurance (%)	20.5	6.4	72
Did not receive needed health care (%)	5.6	2.2	72
No recent dentist visit (%)	45.1	45.4	27
Pneumococcal vaccinations (%)	41.7	N/A	47
Influenza vaccinations (%)	36.7	56.0	66
Diabetic eye exams (%)	77.9	75.2	30
Diabetic lipid profile (%)	84.6	87.1	58
Diabetic HbA1c testing (%)	87.5	90.1	64
Biennial mammography (%)	64.2	66.2	42
Health Behaviors			3
Cigarette smoking (%)	15.9	23.1	5
Smoking during pregnancy (%)	20.2	15.3	43
Physical inactivity (%)	58.0	54.4	50
Overweight and obesity (%)	18.6	21.4	50
Low fruit and vegetable consumption (% < 5 a day)	71.4	77.3	4
Binge drinking (%)	16.8	24.5	8
Teen birth rate (per 1,000)	14	34	4
Sexually transmitted disease (per 100,000)	66	440	4
Violent crime (per 100,000)	140	225	55
Motor vehicle crash deaths (per 100,000)	18	14	35
Socioeconomic Factors			56
High school graduation rate (%)	98.8	91.8	2
Level of education (% HS grads)	83.7	85.1	40
Income/Household poverty ratio	2.38	2.57	63
Divorce rate (%)	9.8	8.9	58
Physical Environment			43
Air quality cancer risk (incidence per 1,000,000)	23	43	10
Air quality hazard index	0.8	2.7	27
Air quality - fine particulate matter in air	9.2	N/A	4
Ozone level	71.0	N/A	4
Nitrate levels in water >2 (%)	0.0	N/A	1
Nitrate levels in water >10 (%)	0.0	N/A	1
Pre-1950 housing (%)	38.7	31.1	54
Lead poisoned children (% positive tests)	6.3	3.9	71

* For a detailed explanation of methods and measures used, please visit the University of Wisconsin Population Health Institute web site at www.pophealth.wisc.edu/uwphi

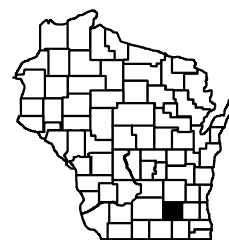
This information was revised on March 5, 2007. For questions, please contact the University of Wisconsin Population Health Institute. You can find contact information online at www.pophealth.wisc.edu/uwphi/research/mainRankingsPage.htm.



	County	Wisconsin	Rank
Health Outcomes			35
Mortality (YPLL)	6.973	6,359	52
General health status (% Fair or Poor Health)	10.7	12.1	19
Health Determinants			55
Health Care			49
No health insurance (%)	6.1	6.4	31
Did not receive needed health care (%)	1.6	2.2	24
No recent dentist visit (%)	59.9	45.4	66
Pneumococcal vaccinations (%)	51.8	N/A	6
Influenza vaccinations (%)	47.7	56.0	55
Diabetic eye exams (%)	73.7	75.2	58
Diabetic lipid profile (%)	87.1	87.1	41
Diabetic HbA1c testing (%)	91.5	90.1	32
Biennial mammography (%)	60.3	66.2	63
Health Behaviors			36
Cigarette smoking (%)	21.7	23.1	28
Smoking during pregnancy (%)	25.9	15.3	62
Physical inactivity (%)	55.1	54.4	42
Overweight and obesity (%)	25.9	21.4	42
Low fruit and vegetable consumption (% < 5 a day)	85.5	77.3	69
Binge drinking (%)	19.6	24.5	13
Teen birth rate (per 1,000)	41	34	60
Sexually transmitted disease (per 100,000)	195	440	42
Violent crime (per 100,000)	99	225	35
Motor vehicle crash deaths (per 100,000)	15	14	23
Socioeconomic Factors			53
High school graduation rate (%)	95.5	91.8	39
Level of education (% HS grads)	79.0	85.1	63
Income/Household poverty ratio	2.45	2.57	54
Divorce rate (%)	9.1	8.9	47
Physical Environment			20
Air quality cancer risk (incidence per 1,000,000)	22	43	6
Air quality hazard index	0.5	2.7	10
Air quality - fine particulate matter in air	9.2	N/A	4
Ozone level	71.0	N/A	4
Nitrate levels in water >2 (%)	4.5	N/A	29
Nitrate levels in water >10 (%)	1.8	N/A	49
Pre-1950 housing (%)	37.4	31.1	50
Lead poisoned children (% positive tests)	1.2	3.9	38

* For a detailed explanation of methods and measures used, please visit the University of Wisconsin Population Health Institute web site at www.pophealth.wisc.edu/uwphi

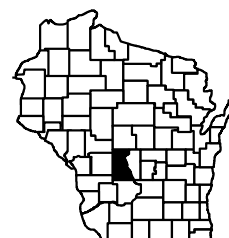
This information was revised on March 5, 2007. For questions, please contact the University of Wisconsin Population Health Institute. You can find contact information online at www.pophealth.wisc.edu/uwphi/research/mainRankingsPage.htm.



	County	Wisconsin	Rank
Health Outcomes			18
Mortality (YPLL)	6,031	6,359	26
General health status (% Fair or Poor Health)	10.6	12.1	17
Health Determinants			36
Health Care			21
No health insurance (%)	5.6	6.4	23
Did not receive needed health care (%)	1.6	2.2	26
No recent dentist visit (%)	37.1	45.4	3
Pneumococcal vaccinations (%)	39.8	N/A	52
Influenza vaccinations (%)	60.7	56.0	20
Diabetic eye exams (%)	77.0	75.2	39
Diabetic lipid profile (%)	87.5	87.1	40
Diabetic HbA1c testing (%)	87.5	90.1	66
Biennial mammography (%)	65.5	66.2	37
Health Behaviors			65
Cigarette smoking (%)	25.4	23.1	53
Smoking during pregnancy (%)	17.7	15.3	32
Physical inactivity (%)	75.3	54.4	70
Overweight and obesity (%)	25.3	21.4	70
Low fruit and vegetable consumption (% < 5 a day)	82.1	77.3	59
Binge drinking (%)	27.8	24.5	55
Teen birth rate (per 1,000)	25	34	29
Sexually transmitted disease (per 100,000)	173	440	34
Violent crime (per 100,000)	107	225	39
Motor vehicle crash deaths (per 100,000)	17	14	30
Socioeconomic Factors			26
High school graduation rate (%)	93.4	91.8	55
Level of education (% HS grads)	84.7	85.1	26
Income/Household poverty ratio	2.68	2.57	9
Divorce rate (%)	8.6	8.9	30
Physical Environment			48
Air quality cancer risk (incidence per 1,000,000)	39	43	56
Air quality hazard index	1.9	2.7	53
Air quality - fine particulate matter in air	11.8	N/A	68
Ozone level	83.0	N/A	61
Nitrate levels in water >2 (%)	7.4	N/A	36
Nitrate levels in water >10 (%)	0.5	N/A	19
Pre-1950 housing (%)	37.0	31.1	46
Lead poisoned children (% positive tests)	1.6	3.9	46

* For a detailed explanation of methods and measures used, please visit the University of Wisconsin Population Health Institute web site at www.pophealth.wisc.edu/uwphi

This information was revised on March 5, 2007. For questions, please contact the University of Wisconsin Population Health Institute. You can find contact information online at www.pophealth.wisc.edu/uwphi/research/mainRankingsPage.htm.



	County	Wisconsin	Rank
Health Outcomes			68
Mortality (YPLL)	8,311	6,359	66
General health status (% Fair or Poor Health)	17.1	12.1	68
Health Determinants			69
Health Care			70
No health insurance (%)	9.6	6.4	52
Did not receive needed health care (%)	3.2	2.2	65
No recent dentist visit (%)	53.3	45.4	52
Pneumococcal vaccinations (%)	22.0	N/A	72
Influenza vaccinations (%)	27.6	56.0	70
Diabetic eye exams (%)	66.9	75.2	72
Diabetic lipid profile (%)	80.6	87.1	71
Diabetic HbA1c testing (%)	91.0	90.1	34
Biennial mammography (%)	65.4	66.2	39
Health Behaviors			52
Cigarette smoking (%)	19.6	23.1	17
Smoking during pregnancy (%)	29.2	15.3	66
Physical inactivity (%)	58.1	54.4	53
Overweight and obesity (%)	28.2	21.4	53
Low fruit and vegetable consumption (% < 5 a day)	80.3	77.3	51
Binge drinking (%)	20.1	24.5	18
Teen birth rate (per 1,000)	42	34	63
Sexually transmitted disease (per 100,000)	257	440	54
Violent crime (per 100,000)	127	225	48
Motor vehicle crash deaths (per 100,000)	19	14	38
Socioeconomic Factors			68
High school graduation rate (%)	90.3	91.8	67
Level of education (% HS grads)	78.5	85.1	68
Income/Household poverty ratio	2.46	2.57	53
Divorce rate (%)	10.6	8.9	67
Physical Environment			21
Air quality cancer risk (incidence per 1,000,000)	25	43	35
Air quality hazard index	1.0	2.7	33
Air quality - fine particulate matter in air	9.2	N/A	4
Ozone level	71.0	N/A	4
Nitrate levels in water >2 (%)	7.4	N/A	37
Nitrate levels in water >10 (%)	3.1	N/A	60
Pre-1950 housing (%)	29.0	31.1	24
Lead poisoned children (% positive tests)	0.8	3.9	21

* For a detailed explanation of methods and measures used, please visit the University of Wisconsin Population Health Institute web site at www.pophealth.wisc.edu/uwphi

This information was revised on March 5, 2007. For questions, please contact the University of Wisconsin Population Health Institute. You can find contact information online at www.pophealth.wisc.edu/uwphi/research/mainRankingsPage.htm.



	County	Wisconsin	Rank
Health Outcomes			58
Mortality (YPLL)	6,935	6,359	50
General health status (% Fair or Poor Health)	14.7	12.1	57
Health Determinants			58
Health Care			48
No health insurance (%)	9.6	6.4	51
Did not receive needed health care (%)	2.5	2.2	57
No recent dentist visit (%)	50.0	45.4	42
Pneumococcal vaccinations (%)	50.0	N/A	12
Influenza vaccinations (%)	61.4	56.0	13
Diabetic eye exams (%)	67.4	75.2	69
Diabetic lipid profile (%)	89.6	87.1	17
Diabetic HbA1c testing (%)	90.0	90.1	47
Biennial mammography (%)	66.9	66.2	28
Health Behaviors			50
Cigarette smoking (%)	33.9	23.1	70
Smoking during pregnancy (%)	15.9	15.3	19
Physical inactivity (%)	48.6	54.4	18
Overweight and obesity (%)	22.6	21.4	18
Low fruit and vegetable consumption (% < 5 a day)	78.1	77.3	31
Binge drinking (%)	22.6	24.5	32
Teen birth rate (per 1,000)	42	34	61
Sexually transmitted disease (per 100,000)	445	440	66
Violent crime (per 100,000)	250	225	67
Motor vehicle crash deaths (per 100,000)	12	14	11
Socioeconomic Factors			50
High school graduation rate (%)	91.2	91.8	63
Level of education (% HS grads)	83.5	85.1	41
Income/Household poverty ratio	2.61	2.57	20
Divorce rate (%)	10.2	8.9	61
Physical Environment			63
Air quality cancer risk (incidence per 1,000,000)	52	43	69
Air quality hazard index	4.1	2.7	70
Air quality - fine particulate matter in air	11.5	N/A	61
Ozone level	99.0	N/A	72
Nitrate levels in water >2 (%)	0.3	N/A	10
Nitrate levels in water >10 (%)	0.3	N/A	13
Pre-1950 housing (%)	30.0	31.1	28
Lead poisoned children (% positive tests)	2.6	3.9	59

* For a detailed explanation of methods and measures used, please visit the University of Wisconsin Population Health Institute web site at www.pophealth.wisc.edu/uwphi

This information was revised on March 5, 2007. For questions, please contact the University of Wisconsin Population Health Institute. You can find contact information online at www.pophealth.wisc.edu/uwphi/research/mainRankingsPage.htm.



	County	Wisconsin	Rank
Health Outcomes			7
Mortality (YPLL)	5,234	6,359	10
General health status (% Fair or Poor Health)	9.6	12.1	11
Health Determinants			11
Health Care			44
No health insurance (%)	5.2	6.4	18
Did not receive needed health care (%)	0.6	2.2	8
No recent dentist visit (%)	53.3	45.4	53
Pneumococcal vaccinations (%)	35.5	N/A	62
Influenza vaccinations (%)	46.2	56.0	58
Diabetic eye exams (%)	77.6	75.2	31
Diabetic lipid profile (%)	82.3	87.1	68
Diabetic HbA1c testing (%)	87.3	90.1	67
Biennial mammography (%)	66.8	66.2	29
Health Behaviors			34
Cigarette smoking (%)	15.3	23.1	4
Smoking during pregnancy (%)	14.7	15.3	14
Physical inactivity (%)	50.3	54.4	20
Overweight and obesity (%)	22.3	21.4	20
Low fruit and vegetable consumption (% < 5 a day)	83.1	77.3	64
Binge drinking (%)	30.1	24.5	65
Teen birth rate (per 1,000)	21	34	16
Sexually transmitted disease (per 100,000)	101	440	11
Violent crime (per 100,000)	79	225	25
Motor vehicle crash deaths (per 100,000)	22	14	51
Socioeconomic Factors			7
High school graduation rate (%)	96.8	91.8	23
Level of education (% HS grads)	84.0	85.1	35
Income/Household poverty ratio	2.64	2.57	14
Divorce rate (%)	6.5	8.9	1
Physical Environment			51
Air quality cancer risk (incidence per 1,000,000)	27	43	42
Air quality hazard index	1.0	2.7	34
Air quality - fine particulate matter in air	10.7	N/A	52
Ozone level	93.0	N/A	67
Nitrate levels in water >2 (%)	0.7	N/A	16
Nitrate levels in water >10 (%)	0.7	N/A	24
Pre-1950 housing (%)	41.6	31.1	61
Lead poisoned children (% positive tests)	2.6	3.9	58

* For a detailed explanation of methods and measures used, please visit the University of Wisconsin Population Health Institute web site at www.pophealth.wisc.edu/uwphi

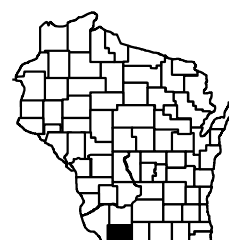
This information was revised on March 5, 2007. For questions, please contact the University of Wisconsin Population Health Institute. You can find contact information online at www.pophealth.wisc.edu/uwphi/research/mainRankingsPage.htm.



	County	Wisconsin	Rank
Health Outcomes			16
Mortality (YPLL)	5,934	6,359	23
General health status (% Fair or Poor Health)	10.5	12.1	16
Health Determinants			24
Health Care			18
No health insurance (%)	6.3	6.4	33
Did not receive needed health care (%)	2.3	2.2	48
No recent dentist visit (%)	40.8	45.4	11
Pneumococcal vaccinations (%)	57.3	N/A	1
Influenza vaccinations (%)	66.0	56.0	3
Diabetic eye exams (%)	81.3	75.2	13
Diabetic lipid profile (%)	83.9	87.1	62
Diabetic HbA1c testing (%)	89.7	90.1	51
Biennial mammography (%)	67.0	66.2	27
Health Behaviors			31
Cigarette smoking (%)	27.1	23.1	63
Smoking during pregnancy (%)	13.9	15.3	10
Physical inactivity (%)	46.0	54.4	13
Overweight and obesity (%)	19.2	21.4	13
Low fruit and vegetable consumption (% < 5 a day)	79.5	77.3	45
Binge drinking (%)	29.5	24.5	62
Teen birth rate (per 1,000)	19	34	11
Sexually transmitted disease (per 100,000)	407	440	62
Violent crime (per 100,000)	137	225	54
Motor vehicle crash deaths (per 100,000)	8	14	4
Socioeconomic Factors			27
High school graduation rate (%)	95.9	91.8	33
Level of education (% HS grads)	89.7	85.1	5
Income/Household poverty ratio	2.50	2.57	43
Divorce rate (%)	8.3	8.9	27
Physical Environment			60
Air quality cancer risk (incidence per 1,000,000)	37	43	54
Air quality hazard index	2.5	2.7	58
Air quality - fine particulate matter in air	9.2	N/A	4
Ozone level	71.0	N/A	4
Nitrate levels in water >2 (%)	72.1	N/A	72
Nitrate levels in water >10 (%)	1.5	N/A	44
Pre-1950 housing (%)	29.2	31.1	25
Lead poisoned children (% positive tests)	1.1	3.9	32

* For a detailed explanation of methods and measures used, please visit the University of Wisconsin Population Health Institute web site at www.pophealth.wisc.edu/uwphi

This information was revised on March 5, 2007. For questions, please contact the University of Wisconsin Population Health Institute. You can find contact information online at www.pophealth.wisc.edu/uwphi/research/mainRankingsPage.htm.



	County	Wisconsin	Rank
Health Outcomes			26
Mortality (YPLL)	6,353	6,359	39
General health status (% Fair or Poor Health)	11.0	12.1	23
Health Determinants			28
Health Care			53
No health insurance (%)	7.0	6.4	39
Did not receive needed health care (%)	2.2	2.2	44
No recent dentist visit (%)	47.1	45.4	34
Pneumococcal vaccinations (%)	36.3	N/A	60
Influenza vaccinations (%)	45.8	56.0	59
Diabetic eye exams (%)	68.0	75.2	67
Diabetic lipid profile (%)	90.2	87.1	13
Diabetic HbA1c testing (%)	92.2	90.1	24
Biennial mammography (%)	57.5	66.2	67
Health Behaviors			37
Cigarette smoking (%)	33.1	23.1	68
Smoking during pregnancy (%)	16.9	15.3	24
Physical inactivity (%)	69.7	54.4	66
Overweight and obesity (%)	13.3	21.4	66
Low fruit and vegetable consumption (% < 5 a day)	79.2	77.3	41
Binge drinking (%)	24.0	24.5	40
Teen birth rate (per 1,000)	22	34	18
Sexually transmitted disease (per 100,000)	96	440	9
Violent crime (per 100,000)	74	225	21
Motor vehicle crash deaths (per 100,000)	14	14	20
Socioeconomic Factors			16
High school graduation rate (%)	98.3	91.8	7
Level of education (% HS grads)	85.5	85.1	21
Income/Household poverty ratio	2.50	2.57	42
Divorce rate (%)	7.4	8.9	12
Physical Environment			66
Air quality cancer risk (incidence per 1,000,000)	23	43	9
Air quality hazard index	0.5	2.7	8
Air quality - fine particulate matter in air	9.2	N/A	4
Ozone level	71.0	N/A	4
Nitrate levels in water >2 (%)	9.2	N/A	40
Nitrate levels in water >10 (%)	3.8	N/A	66
Pre-1950 housing (%)	52.6	31.1	72
Lead poisoned children (% positive tests)	4.3	3.9	68

* For a detailed explanation of methods and measures used, please visit the University of Wisconsin Population Health Institute web site at www.pophealth.wisc.edu/uwphi

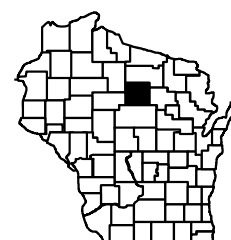
This information was revised on March 5, 2007. For questions, please contact the University of Wisconsin Population Health Institute. You can find contact information online at www.pophealth.wisc.edu/uwphi/research/mainRankingsPage.htm.



	County	Wisconsin	Rank
Health Outcomes			36
Mortality (YPLL)	6,184	6,359	30
General health status (% Fair or Poor Health)	12.1	12.1	35
Health Determinants			57
Health Care			36
No health insurance (%)	3.8	6.4	10
Did not receive needed health care (%)	1.3	2.2	17
No recent dentist visit (%)	60.3	45.4	67
Pneumococcal vaccinations (%)	50.3	N/A	10
Influenza vaccinations (%)	59.7	56.0	26
Diabetic eye exams (%)	71.7	75.2	63
Diabetic lipid profile (%)	90.4	87.1	11
Diabetic HbA1c testing (%)	90.4	90.1	45
Biennial mammography (%)	55.8	66.2	69
Health Behaviors			47
Cigarette smoking (%)	25.0	23.1	49
Smoking during pregnancy (%)	27.5	15.3	65
Physical inactivity (%)	45.6	54.4	12
Overweight and obesity (%)	38.1	21.4	12
Low fruit and vegetable consumption (% < 5 a day)	81.6	77.3	55
Binge drinking (%)	14.9	24.5	5
Teen birth rate (per 1,000)	43	34	65
Sexually transmitted disease (per 100,000)	180	440	38
Violent crime (per 100,000)	185	225	60
Motor vehicle crash deaths (per 100,000)	21	14	44
Socioeconomic Factors			54
High school graduation rate (%)	96.1	91.8	31
Level of education (% HS grads)	80.9	85.1	59
Income/Household poverty ratio	2.43	2.57	59
Divorce rate (%)	9.3	8.9	52
Physical Environment			44
Air quality cancer risk (incidence per 1,000,000)	26	43	40
Air quality hazard index	1.2	2.7	39
Air quality - fine particulate matter in air	9.2	N/A	4
Ozone level	71.0	N/A	4
Nitrate levels in water >2 (%)	42.7	N/A	68
Nitrate levels in water >10 (%)	1.2	N/A	39
Pre-1950 housing (%)	37.7	31.1	52
Lead poisoned children (% positive tests)	1.2	3.9	35

* For a detailed explanation of methods and measures used, please visit the University of Wisconsin Population Health Institute web site at www.pophealth.wisc.edu/uwphi

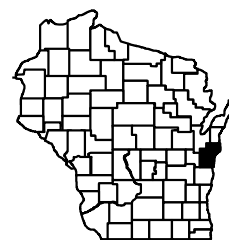
This information was revised on March 5, 2007. For questions, please contact the University of Wisconsin Population Health Institute. You can find contact information online at www.pophealth.wisc.edu/uwphi/research/mainRankingsPage.htm.



	County	Wisconsin	Rank
Health Outcomes			57
Mortality (YPLL)	6,661	6,359	46
General health status (% Fair or Poor Health)	14.4	12.1	55
Health Determinants			38
Health Care			23
No health insurance (%)	6.9	6.4	38
Did not receive needed health care (%)	1.8	2.2	33
No recent dentist visit (%)	53.5	45.4	54
Pneumococcal vaccinations (%)	43.2	N/A	42
Influenza vaccinations (%)	61.0	56.0	17
Diabetic eye exams (%)	78.3	75.2	25
Diabetic lipid profile (%)	91.9	87.1	4
Diabetic HbA1c testing (%)	94.0	90.1	5
Biennial mammography (%)	67.3	66.2	23
Health Behaviors			54
Cigarette smoking (%)	26.1	23.1	57
Smoking during pregnancy (%)	24.3	15.3	57
Physical inactivity (%)	48.2	54.4	17
Overweight and obesity (%)	20.7	21.4	17
Low fruit and vegetable consumption (% < 5 a day)	79.2	77.3	42
Binge drinking (%)	26.0	24.5	50
Teen birth rate (per 1,000)	29	34	41
Sexually transmitted disease (per 100,000)	225	440	49
Violent crime (per 100,000)	115	225	43
Motor vehicle crash deaths (per 100,000)	20	14	40
Socioeconomic Factors			37
High school graduation rate (%)	92.1	91.8	61
Level of education (% HS grads)	81.6	85.1	54
Income/Household poverty ratio	2.57	2.57	32
Divorce rate (%)	8.3	8.9	25
Physical Environment			10
Air quality cancer risk (incidence per 1,000,000)	25	43	33
Air quality hazard index	0.9	2.7	30
Air quality - fine particulate matter in air	9.2	N/A	4
Ozone level	71.0	N/A	4
Nitrate levels in water >2 (%)	0.0	N/A	1
Nitrate levels in water >10 (%)	0.0	N/A	1
Pre-1950 housing (%)	35.5	31.1	43
Lead poisoned children (% positive tests)	0.3	3.9	7

* For a detailed explanation of methods and measures used, please visit the University of Wisconsin Population Health Institute web site at www.pophealth.wisc.edu/uwphi

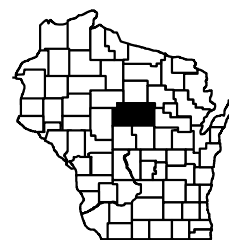
This information was revised on March 5, 2007. For questions, please contact the University of Wisconsin Population Health Institute. You can find contact information online at www.pophealth.wisc.edu/uwphi/research/mainRankingsPage.htm.



	County	Wisconsin	Rank
Health Outcomes			41
Mortality (YPLL)	6,057	6,359	27
General health status (% Fair or Poor Health)	12.7	12.1	42
Health Determinants			26
Health Care			15
No health insurance (%)	5.2	6.4	16
Did not receive needed health care (%)	1.6	2.2	25
No recent dentist visit (%)	42.4	45.4	14
Pneumococcal vaccinations (%)	48.8	N/A	19
Influenza vaccinations (%)	57.4	56.0	36
Diabetic eye exams (%)	78.0	75.2	29
Diabetic lipid profile (%)	87.6	87.1	37
Diabetic HbA1c testing (%)	91.9	90.1	26
Biennial mammography (%)	67.7	66.2	21
Health Behaviors			49
Cigarette smoking (%)	25.2	23.1	50
Smoking during pregnancy (%)	21.0	15.3	46
Physical inactivity (%)	66.6	54.4	65
Overweight and obesity (%)	22.6	21.4	65
Low fruit and vegetable consumption (% < 5 a day)	76.3	77.3	19
Binge drinking (%)	25.2	24.5	47
Teen birth rate (per 1,000)	29	34	45
Sexually transmitted disease (per 100,000)	180	440	37
Violent crime (per 100,000)	94	225	31
Motor vehicle crash deaths (per 100,000)	14	14	15
Socioeconomic Factors			19
High school graduation rate (%)	92.1	91.8	62
Level of education (% HS grads)	84.6	85.1	27
Income/Household poverty ratio	2.65	2.57	12
Divorce rate (%)	7.8	8.9	21
Physical Environment			56
Air quality cancer risk (incidence per 1,000,000)	40	43	59
Air quality hazard index	1.5	2.7	45
Air quality - fine particulate matter in air	9.9	N/A	49
Ozone level	86.0	N/A	65
Nitrate levels in water >2 (%)	5.6	N/A	32
Nitrate levels in water >10 (%)	0.3	N/A	12
Pre-1950 housing (%)	42.3	31.1	63
Lead poisoned children (% positive tests)	2.9	3.9	61

* For a detailed explanation of methods and measures used, please visit the University of Wisconsin Population Health Institute web site at www.pophealth.wisc.edu/uwphi

This information was revised on March 5, 2007. For questions, please contact the University of Wisconsin Population Health Institute. You can find contact information online at www.pophealth.wisc.edu/uwphi/research/mainRankingsPage.htm.



	County	Wisconsin	Rank
Health Outcomes			11
Mortality (YPLL)	5,460	6,359	14
General health status (% Fair or Poor Health)	10.1	12.1	14
Health Determinants			12
Health Care			4
No health insurance (%)	5.1	6.4	15
Did not receive needed health care (%)	1.7	2.2	29
No recent dentist visit (%)	43.5	45.4	21
Pneumococcal vaccinations (%)	49.5	N/A	14
Influenza vaccinations (%)	64.1	56.0	8
Diabetic eye exams (%)	82.7	75.2	7
Diabetic lipid profile (%)	89.2	87.1	23
Diabetic HbA1c testing (%)	92.8	90.1	17
Biennial mammography (%)	70.8	66.2	9
Health Behaviors			28
Cigarette smoking (%)	20.5	23.1	22
Smoking during pregnancy (%)	16.0	15.3	20
Physical inactivity (%)	52.8	54.4	32
Overweight and obesity (%)	24.1	21.4	32
Low fruit and vegetable consumption (% < 5 a day)	74.4	77.3	12
Binge drinking (%)	26.1	24.5	51
Teen birth rate (per 1,000)	26	34	35
Sexually transmitted disease (per 100,000)	268	440	58
Violent crime (per 100,000)	128	225	49
Motor vehicle crash deaths (per 100,000)	17	14	34
Socioeconomic Factors			14
High school graduation rate (%)	96.1	91.8	30
Level of education (% HS grads)	83.8	85.1	37
Income/Household poverty ratio	2.63	2.57	18
Divorce rate (%)	7.8	8.9	20
Physical Environment			42
Air quality cancer risk (incidence per 1,000,000)	43	43	61
Air quality hazard index	1.7	2.7	50
Air quality - fine particulate matter in air	9.2	N/A	4
Ozone level	73.0	N/A	48
Nitrate levels in water >2 (%)	26.8	N/A	59
Nitrate levels in water >10 (%)	1.2	N/A	40
Pre-1950 housing (%)	31.0	31.1	32
Lead poisoned children (% positive tests)	2.0	3.9	52

* For a detailed explanation of methods and measures used, please visit the University of Wisconsin Population Health Institute web site at www.pophealth.wisc.edu/uwphi

This information was revised on March 5, 2007. For questions, please contact the University of Wisconsin Population Health Institute. You can find contact information online at www.pophealth.wisc.edu/uwphi/research/mainRankingsPage.htm.



	County	Wisconsin	Rank
Health Outcomes			63
Mortality (YPLL)	7,385	6,359	58
General health status (% Fair or Poor Health)	16.1	12.1	65
Health Determinants			52
Health Care			47
No health insurance (%)	7.2	6.4	42
Did not receive needed health care (%)	2.4	2.2	51
No recent dentist visit (%)	42.9	45.4	19
Pneumococcal vaccinations (%)	37.3	N/A	59
Influenza vaccinations (%)	47.2	56.0	56
Diabetic eye exams (%)	67.4	75.2	70
Diabetic lipid profile (%)	89.4	87.1	20
Diabetic HbA1c testing (%)	89.6	90.1	53
Biennial mammography (%)	66.5	66.2	32
Health Behaviors			57
Cigarette smoking (%)	24.8	23.1	48
Smoking during pregnancy (%)	22.2	15.3	53
Physical inactivity (%)	58.1	54.4	52
Overweight and obesity (%)	28.6	21.4	52
Low fruit and vegetable consumption (% < 5 a day)	80.2	77.3	50
Binge drinking (%)	23.5	24.5	37
Teen birth rate (per 1,000)	28	34	39
Sexually transmitted disease (per 100,000)	149	440	23
Violent crime (per 100,000)	97	225	33
Motor vehicle crash deaths (per 100,000)	27	14	61
Socioeconomic Factors			44
High school graduation rate (%)	96.0	91.8	32
Level of education (% HS grads)	82.5	85.1	48
Income/Household poverty ratio	2.50	2.57	44
Divorce rate (%)	9.0	8.9	46
Physical Environment			11
Air quality cancer risk (incidence per 1,000,000)	23	43	19
Air quality hazard index	0.6	2.7	11
Air quality - fine particulate matter in air	9.2	N/A	4
Ozone level	71.0	N/A	4
Nitrate levels in water >2 (%)	2.5	N/A	24
Nitrate levels in water >10 (%)	1.0	N/A	31
Pre-1950 housing (%)	29.3	31.1	27
Lead poisoned children (% positive tests)	1.0	3.9	27

* For a detailed explanation of methods and measures used, please visit the University of Wisconsin Population Health Institute web site at www.pophealth.wisc.edu/uwphi

This information was revised on March 5, 2007. For questions, please contact the University of Wisconsin Population Health Institute. You can find contact information online at www.pophealth.wisc.edu/uwphi/research/mainRankingsPage.htm.



	County	Wisconsin	Rank
Health Outcomes			64
Mortality (YPLL)	8,030	6,359	64
General health status (% Fair or Poor Health)	15.5	12.1	63
Health Determinants			67
Health Care			61
No health insurance (%)	5.8	6.4	27
Did not receive needed health care (%)	2.2	2.2	45
No recent dentist visit (%)	58.1	45.4	62
Pneumococcal vaccinations (%)	43.6	N/A	40
Influenza vaccinations (%)	58.2	56.0	33
Diabetic eye exams (%)	67.3	75.2	71
Diabetic lipid profile (%)	82.5	87.1	67
Diabetic HbA1c testing (%)	88.5	90.1	58
Biennial mammography (%)	64.1	66.2	44
Health Behaviors			71
Cigarette smoking (%)	26.2	23.1	60
Smoking during pregnancy (%)	26.2	15.3	63
Physical inactivity (%)	80.1	54.4	71
Overweight and obesity (%)	30.7	21.4	71
Low fruit and vegetable consumption (% < 5 a day)	87.3	77.3	71
Binge drinking (%)	23.8	24.5	38
Teen birth rate (per 1,000)	43	34	66
Sexually transmitted disease (per 100,000)	128	440	19
Violent crime (per 100,000)	95	225	32
Motor vehicle crash deaths (per 100,000)	33	14	65
Socioeconomic Factors			62
High school graduation rate (%)	90.4	91.8	66
Level of education (% HS grads)	78.8	85.1	65
Income/Household poverty ratio	2.52	2.57	39
Divorce rate (%)	9.6	8.9	56
Physical Environment			12
Air quality cancer risk (incidence per 1,000,000)	24	43	29
Air quality hazard index	0.9	2.7	32
Air quality - fine particulate matter in air	9.2	N/A	4
Ozone level	71.0	N/A	4
Nitrate levels in water >2 (%)	9.5	N/A	41
Nitrate levels in water >10 (%)	1.1	N/A	37
Pre-1950 housing (%)	27.3	31.1	19
Lead poisoned children (% positive tests)	0.5	3.9	12

* For a detailed explanation of methods and measures used, please visit the University of Wisconsin Population Health Institute web site at www.pophealth.wisc.edu/uwphi

This information was revised on March 5, 2007. For questions, please contact the University of Wisconsin Population Health Institute. You can find contact information online at www.pophealth.wisc.edu/uwphi/research/mainRankingsPage.htm.



	County	Wisconsin	Rank
Health Outcomes			72
Mortality (YPLL)	14,855	6,359	72
General health status (% Fair or Poor Health)	18.2	12.1	70
Health Determinants			72
Health Care			55
No health insurance (%)	11.2	6.4	64
Did not receive needed health care (%)	0.0	2.2	1
No recent dentist visit (%)	58.1	45.4	63
Pneumococcal vaccinations (%)	31.9	N/A	68
Influenza vaccinations (%)	59.3	56.0	29
Diabetic eye exams (%)	75.9	75.2	51
Diabetic lipid profile (%)	90.4	87.1	11
Diabetic HbA1c testing (%)	89.2	90.1	56
Biennial mammography (%)	56.9	66.2	68
Health Behaviors			72
Cigarette smoking (%)	44.2	23.1	72
Smoking during pregnancy (%)	45.2	15.3	72
Physical inactivity (%)	100.0	54.4	72
Overweight and obesity (%)	49.6	21.4	72
Low fruit and vegetable consumption (% < 5 a day)	79.8	77.3	47
Binge drinking (%)	45.8	24.5	72
Teen birth rate (per 1,000)	94	34	72
Sexually transmitted disease (per 100,000)	1568	440	72
Violent crime (per 100,000)	1507	225	72
Motor vehicle crash deaths (per 100,000)	66	14	72
Socioeconomic Factors			72
High school graduation rate (%)	76.3	91.8	71
Level of education (% HS grads)	78.2	85.1	70
Income/Household poverty ratio	1.78	2.57	72
Divorce rate (%)	11.1	8.9	72
Physical Environment			1
Air quality cancer risk (incidence per 1,000,000)	22	43	6
Air quality hazard index	0.5	2.7	6
Air quality - fine particulate matter in air	9.2	N/A	4
Ozone level	71.0	N/A	4
Nitrate levels in water >2 (%)	0.0	N/A	1
Nitrate levels in water >10 (%)	0.0	N/A	1
Pre-1950 housing (%)	8.2	31.1	1
Lead poisoned children (% positive tests)	0.6	3.9	16

* For a detailed explanation of methods and measures used, please visit the University of Wisconsin Population Health Institute web site at www.pophealth.wisc.edu/uwphi

This information was revised on March 5, 2007. For questions, please contact the University of Wisconsin Population Health Institute. You can find contact information online at www.pophealth.wisc.edu/uwphi/research/mainRankingsPage.htm.



	County	Wisconsin	Rank
Health Outcomes			65
Mortality (YPLL)	8,692	6,359	68
General health status (% Fair or Poor Health)	14.9	12.1	60
Health Determinants			71
Health Care			64
No health insurance (%)	7.9	6.4	45
Did not receive needed health care (%)	3.0	2.2	63
No recent dentist visit (%)	50.3	45.4	44
Pneumococcal vaccinations (%)	40.3	N/A	50
Influenza vaccinations (%)	53.9	56.0	46
Diabetic eye exams (%)	68.3	75.2	66
Diabetic lipid profile (%)	85.3	87.1	51
Diabetic HbA1c testing (%)	87.9	90.1	62
Biennial mammography (%)	62.5	66.2	55
Health Behaviors			42
Cigarette smoking (%)	26.6	23.1	61
Smoking during pregnancy (%)	13.3	15.3	8
Physical inactivity (%)	58.0	54.4	51
Overweight and obesity (%)	19.6	21.4	51
Low fruit and vegetable consumption (% < 5 a day)	75.5	77.3	15
Binge drinking (%)	24.1	24.5	41
Teen birth rate (per 1,000)	66	34	71
Sexually transmitted disease (per 100,000)	1466	440	71
Violent crime (per 100,000)	651	225	71
Motor vehicle crash deaths (per 100,000)	8	14	3
Socioeconomic Factors			71
High school graduation rate (%)	75.8	91.8	72
Level of education (% HS grads)	80.2	85.1	61
Income/Household poverty ratio	2.37	2.57	65
Divorce rate (%)	10.5	8.9	65
Physical Environment			71
Air quality cancer risk (incidence per 1,000,000)	90	43	72
Air quality hazard index	8.7	2.7	72
Air quality - fine particulate matter in air	13.0	N/A	71
Ozone level	86.0	N/A	65
Nitrate levels in water >2 (%)	0.0	N/A	1
Nitrate levels in water >10 (%)	0.0	N/A	1
Pre-1950 housing (%)	40.9	31.1	58
Lead poisoned children (% positive tests)	7.9	3.9	72

* For a detailed explanation of methods and measures used, please visit the University of Wisconsin Population Health Institute web site at www.pophealth.wisc.edu/uwphi

This information was revised on March 5, 2007. For questions, please contact the University of Wisconsin Population Health Institute. You can find contact information online at www.pophealth.wisc.edu/uwphi/research/mainRankingsPage.htm.



	County	Wisconsin	Rank
Health Outcomes			48
Mortality (YPLL)	7,574	6,359	60
General health status (% Fair or Poor Health)	11.9	12.1	32
Health Determinants			64
Health Care			46
No health insurance (%)	9.5	6.4	50
Did not receive needed health care (%)	2.6	2.2	58
No recent dentist visit (%)	55.0	45.4	58
Pneumococcal vaccinations (%)	43.4	N/A	41
Influenza vaccinations (%)	47.9	56.0	54
Diabetic eye exams (%)	78.3	75.2	26
Diabetic lipid profile (%)	89.8	87.1	16
Diabetic HbA1c testing (%)	92.5	90.1	19
Biennial mammography (%)	67.8	66.2	20
Health Behaviors			63
Cigarette smoking (%)	34.4	23.1	71
Smoking during pregnancy (%)	20.9	15.3	45
Physical inactivity (%)	58.6	54.4	54
Overweight and obesity (%)	28.4	21.4	54
Low fruit and vegetable consumption (% < 5 a day)	73.6	77.3	10
Binge drinking (%)	21.6	24.5	25
Teen birth rate (per 1,000)	37	34	58
Sexually transmitted disease (per 100,000)	255	440	53
Violent crime (per 100,000)	148	225	57
Motor vehicle crash deaths (per 100,000)	21	14	47
Socioeconomic Factors			52
High school graduation rate (%)	97.1	91.8	22
Level of education (% HS grads)	81.1	85.1	57
Income/Household poverty ratio	2.42	2.57	60
Divorce rate (%)	9.3	8.9	53
Physical Environment			57
Air quality cancer risk (incidence per 1,000,000)	24	43	24
Air quality hazard index	0.6	2.7	15
Air quality - fine particulate matter in air	9.2	N/A	4
Ozone level	71.0	N/A	4
Nitrate levels in water >2 (%)	47.9	N/A	69
Nitrate levels in water >10 (%)	2.4	N/A	54
Pre-1950 housing (%)	34.0	31.1	40
Lead poisoned children (% positive tests)	2.0	3.9	51

* For a detailed explanation of methods and measures used, please visit the University of Wisconsin Population Health Institute web site at www.pophealth.wisc.edu/uwphi

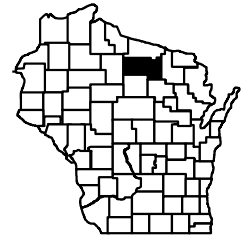
This information was revised on March 5, 2007. For questions, please contact the University of Wisconsin Population Health Institute. You can find contact information online at www.pophealth.wisc.edu/uwphi/research/mainRankingsPage.htm.



	County	Wisconsin	Rank
Health Outcomes			29
Mortality (YPLL)	6,185	6,359	31
General health status (% Fair or Poor Health)	11.7	12.1	26
Health Determinants			56
Health Care			65
No health insurance (%)	8.1	6.4	46
Did not receive needed health care (%)	0.8	2.2	10
No recent dentist visit (%)	47.5	45.4	36
Pneumococcal vaccinations (%)	39.0	N/A	55
Influenza vaccinations (%)	25.7	56.0	72
Diabetic eye exams (%)	73.0	75.2	60
Diabetic lipid profile (%)	85.0	87.1	57
Diabetic HbA1c testing (%)	82.0	90.1	71
Biennial mammography (%)	59.2	66.2	65
Health Behaviors			68
Cigarette smoking (%)	22.0	23.1	31
Smoking during pregnancy (%)	21.6	15.3	51
Physical inactivity (%)	57.3	54.4	48
Overweight and obesity (%)	27.8	21.4	48
Low fruit and vegetable consumption (% < 5 a day)	80.6	77.3	53
Binge drinking (%)	31.0	24.5	66
Teen birth rate (per 1,000)	26	34	31
Sexually transmitted disease (per 100,000)	165	440	30
Violent crime (per 100,000)	86	225	28
Motor vehicle crash deaths (per 100,000)	35	14	66
Socioeconomic Factors			41
High school graduation rate (%)	94.2	91.8	49
Level of education (% HS grads)	80.6	85.1	60
Income/Household poverty ratio	2.58	2.57	31
Divorce rate (%)	8.7	8.9	36
Physical Environment			8
Air quality cancer risk (incidence per 1,000,000)	24	43	25
Air quality hazard index	0.7	2.7	19
Air quality - fine particulate matter in air	9.2	N/A	4
Ozone level	71.0	N/A	4
Nitrate levels in water >2 (%)	0.6	N/A	15
Nitrate levels in water >10 (%)	0.6	N/A	22
Pre-1950 housing (%)	28.8	31.1	23
Lead poisoned children (% positive tests)	0.8	3.9	23

* For a detailed explanation of methods and measures used, please visit the University of Wisconsin Population Health Institute web site at www.pophealth.wisc.edu/uwphi

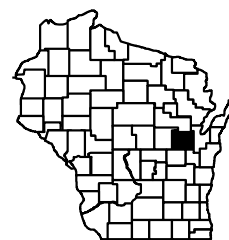
This information was revised on March 5, 2007. For questions, please contact the University of Wisconsin Population Health Institute. You can find contact information online at www.pophealth.wisc.edu/uwphi/research/mainRankingsPage.htm.



	County	Wisconsin	Rank
Health Outcomes			47
Mortality (YPLL)	6,378	6,359	40
General health status (% Fair or Poor Health)	14.0	12.1	51
Health Determinants			49
Health Care			17
No health insurance (%)	6.7	6.4	37
Did not receive needed health care (%)	2.5	2.2	53
No recent dentist visit (%)	44.7	45.4	24
Pneumococcal vaccinations (%)	54.0	N/A	3
Influenza vaccinations (%)	59.3	56.0	28
Diabetic eye exams (%)	79.9	75.2	16
Diabetic lipid profile (%)	88.0	87.1	33
Diabetic HbA1c testing (%)	92.6	90.1	18
Biennial mammography (%)	70.4	66.2	11
Health Behaviors			29
Cigarette smoking (%)	23.4	23.1	43
Smoking during pregnancy (%)	25.1	15.3	60
Physical inactivity (%)	52.8	54.4	33
Overweight and obesity (%)	17.5	21.4	33
Low fruit and vegetable consumption (% < 5 a day)	80.1	77.3	48
Binge drinking (%)	21.1	24.5	23
Teen birth rate (per 1,000)	22	34	20
Sexually transmitted disease (per 100,000)	120	440	16
Violent crime (per 100,000)	130	225	52
Motor vehicle crash deaths (per 100,000)	27	14	60
Socioeconomic Factors			61
High school graduation rate (%)	86.8	91.8	68
Level of education (% HS grads)	85.1	85.1	23
Income/Household poverty ratio	2.54	2.57	35
Divorce rate (%)	10.3	8.9	62
Physical Environment			6
Air quality cancer risk (incidence per 1,000,000)	26	43	39
Air quality hazard index	1.3	2.7	43
Air quality - fine particulate matter in air	9.2	N/A	4
Ozone level	69.0	N/A	3
Nitrate levels in water >2 (%)	2.9	N/A	25
Nitrate levels in water >10 (%)	1.3	N/A	41
Pre-1950 housing (%)	22.4	31.1	11
Lead poisoned children (% positive tests)	0.4	3.9	9

* For a detailed explanation of methods and measures used, please visit the University of Wisconsin Population Health Institute web site at www.pophealth.wisc.edu/uwphi

This information was revised on March 5, 2007. For questions, please contact the University of Wisconsin Population Health Institute. You can find contact information online at www.pophealth.wisc.edu/uwphi/research/mainRankingsPage.htm.



	County	Wisconsin	Rank
Health Outcomes			6
Mortality (YPLL)	5,240	6,359	11
General health status (% Fair or Poor Health)	9.4	12.1	10
Health Determinants			6
Health Care			5
No health insurance (%)	3.5	6.4	5
Did not receive needed health care (%)	1.8	2.2	34
No recent dentist visit (%)	37.3	45.4	4
Pneumococcal vaccinations (%)	45.3	N/A	34
Influenza vaccinations (%)	50.3	56.0	50
Diabetic eye exams (%)	82.6	75.2	8
Diabetic lipid profile (%)	89.5	87.1	19
Diabetic HbA1c testing (%)	91.8	90.1	29
Biennial mammography (%)	68.5	66.2	15
Health Behaviors			33
Cigarette smoking (%)	23.1	23.1	39
Smoking during pregnancy (%)	13.5	15.3	9
Physical inactivity (%)	44.0	54.4	8
Overweight and obesity (%)	19.8	21.4	8
Low fruit and vegetable consumption (% < 5 a day)	79.4	77.3	44
Binge drinking (%)	32.3	24.5	68
Teen birth rate (per 1,000)	26	34	34
Sexually transmitted disease (per 100,000)	258	440	55
Violent crime (per 100,000)	98	225	34
Motor vehicle crash deaths (per 100,000)	16	14	26
Socioeconomic Factors			8
High school graduation rate (%)	98.0	91.8	11
Level of education (% HS grads)	88.1	85.1	10
Income/Household poverty ratio	2.72	2.57	6
Divorce rate (%)	7.9	8.9	22
Physical Environment			37
Air quality cancer risk (incidence per 1,000,000)	71	43	71
Air quality hazard index	2.9	2.7	64
Air quality - fine particulate matter in air	10.7	N/A	55
Ozone level	78.0	N/A	52
Nitrate levels in water >2 (%)	0.4	N/A	13
Nitrate levels in water >10 (%)	0.4	N/A	16
Pre-1950 housing (%)	26.5	31.1	16
Lead poisoned children (% positive tests)	1.0	3.9	31

* For a detailed explanation of methods and measures used, please visit the University of Wisconsin Population Health Institute web site at www.pophealth.wisc.edu/uwphi

This information was revised on March 5, 2007. For questions, please contact the University of Wisconsin Population Health Institute. You can find contact information online at www.pophealth.wisc.edu/uwphi/research/mainRankingsPage.htm.



	County	Wisconsin	Rank
Health Outcomes			2
Mortality (YPLL)	4,498	6,359	3
General health status (% Fair or Poor Health)	7.9	12.1	1
Health Determinants			1
Health Care			6
No health insurance (%)	3.9	6.4	11
Did not receive needed health care (%)	1.7	2.2	28
No recent dentist visit (%)	33.9	45.4	1
Pneumococcal vaccinations (%)	50.6	N/A	9
Influenza vaccinations (%)	61.0	56.0	19
Diabetic eye exams (%)	78.9	75.2	23
Diabetic lipid profile (%)	86.7	87.1	46
Diabetic HbA1c testing (%)	87.5	90.1	64
Biennial mammography (%)	69.5	66.2	14
Health Behaviors			1
Cigarette smoking (%)	17.7	23.1	12
Smoking during pregnancy (%)	7.2	15.3	1
Physical inactivity (%)	44.4	54.4	10
Overweight and obesity (%)	20.1	21.4	10
Low fruit and vegetable consumption (% < 5 a day)	72.3	77.3	7
Binge drinking (%)	21.8	24.5	26
Teen birth rate (per 1,000)	10	34	1
Sexually transmitted disease (per 100,000)	99	440	10
Violent crime (per 100,000)	48	225	6
Motor vehicle crash deaths (per 100,000)	9	14	5
Socioeconomic Factors			1
High school graduation rate (%)	98.2	91.8	9
Level of education (% HS grads)	91.9	85.1	3
Income/Household poverty ratio	2.84	2.57	2
Divorce rate (%)	7.0	8.9	7
Physical Environment			34
Air quality cancer risk (incidence per 1,000,000)	49	43	65
Air quality hazard index	3.4	2.7	67
Air quality - fine particulate matter in air	11.3	N/A	58
Ozone level	95.0	N/A	70
Nitrate levels in water >2 (%)	0.0	N/A	1
Nitrate levels in water >10 (%)	0.0	N/A	1
Pre-1950 housing (%)	18.4	31.1	4
Lead poisoned children (% positive tests)	1.5	3.9	44

* For a detailed explanation of methods and measures used, please visit the University of Wisconsin Population Health Institute web site at www.pophealth.wisc.edu/uwphi

This information was revised on March 5, 2007. For questions, please contact the University of Wisconsin Population Health Institute. You can find contact information online at www.pophealth.wisc.edu/uwphi/research/mainRankingsPage.htm.



	County	Wisconsin	Rank
Health Outcomes			50
Mortality (YPLL)	6,018	6,359	24
General health status (% Fair or Poor Health)	14.9	12.1	59
Health Determinants			45
Health Care			60
No health insurance (%)	12.7	6.4	69
Did not receive needed health care (%)	1.7	2.2	30
No recent dentist visit (%)	66.8	45.4	70
Pneumococcal vaccinations (%)	45.6	N/A	32
Influenza vaccinations (%)	68.7	56.0	1
Diabetic eye exams (%)	82.9	75.2	5
Diabetic lipid profile (%)	89.0	87.1	24
Diabetic HbA1c testing (%)	80.5	90.1	72
Biennial mammography (%)	68.4	66.2	16
Health Behaviors			61
Cigarette smoking (%)	23.8	23.1	44
Smoking during pregnancy (%)	15.5	15.3	18
Physical inactivity (%)	51.9	54.4	26
Overweight and obesity (%)	27.1	21.4	26
Low fruit and vegetable consumption (% < 5 a day)	66.6	77.3	1
Binge drinking (%)	42.7	24.5	71
Teen birth rate (per 1,000)	22	34	19
Sexually transmitted disease (per 100,000)	72	440	5
Violent crime (per 100,000)	87	225	29
Motor vehicle crash deaths (per 100,000)	0	14	1
Socioeconomic Factors			22
High school graduation rate (%)	95.5	91.8	39
Level of education (% HS grads)	82.6	85.1	47
Income/Household poverty ratio	2.51	2.57	40
Divorce rate (%)	6.9	8.9	6
Physical Environment			68
Air quality cancer risk (incidence per 1,000,000)	23	43	20
Air quality hazard index	0.8	2.7	26
Air quality - fine particulate matter in air	9.2	N/A	4
Ozone level	71.0	N/A	4
Nitrate levels in water >2 (%)	21.4	N/A	54
Nitrate levels in water >10 (%)	8.5	N/A	72
Pre-1950 housing (%)	44.1	31.1	66
Lead poisoned children (% positive tests)	2.2	3.9	55

* For a detailed explanation of methods and measures used, please visit the University of Wisconsin Population Health Institute web site at www.pophealth.wisc.edu/uwphi

This information was revised on March 5, 2007. For questions, please contact the University of Wisconsin Population Health Institute. You can find contact information online at www.pophealth.wisc.edu/uwphi/research/mainRankingsPage.htm.



	County	Wisconsin	Rank
Health Outcomes			13
Mortality (YPLL)	5,039	6,359	6
General health status (% Fair or Poor Health)	11.8	12.1	28
Health Determinants			5
Health Care			63
No health insurance (%)	10.9	6.4	62
Did not receive needed health care (%)	4.7	2.2	71
No recent dentist visit (%)	43.6	45.4	22
Pneumococcal vaccinations (%)	42.2	N/A	46
Influenza vaccinations (%)	63.2	56.0	10
Diabetic eye exams (%)	76.8	75.2	43
Diabetic lipid profile (%)	87.7	87.1	36
Diabetic HbA1c testing (%)	87.7	90.1	63
Biennial mammography (%)	62.4	66.2	58
Health Behaviors			10
Cigarette smoking (%)	21.9	23.1	30
Smoking during pregnancy (%)	11.9	15.3	7
Physical inactivity (%)	62.1	54.4	59
Overweight and obesity (%)	14.4	21.4	59
Low fruit and vegetable consumption (% < 5 a day)	85.3	77.3	68
Binge drinking (%)	20.2	24.5	19
Teen birth rate (per 1,000)	11	34	2
Sexually transmitted disease (per 100,000)	138	440	21
Violent crime (per 100,000)	71	225	17
Motor vehicle crash deaths (per 100,000)	21	14	44
Socioeconomic Factors			5
High school graduation rate (%)	98.4	91.8	5
Level of education (% HS grads)	89.6	85.1	6
Income/Household poverty ratio	2.64	2.57	15
Divorce rate (%)	6.9	8.9	5
Physical Environment			47
Air quality cancer risk (incidence per 1,000,000)	27	43	44
Air quality hazard index	1.6	2.7	48
Air quality - fine particulate matter in air	9.2	N/A	4
Ozone level	71.0	N/A	4
Nitrate levels in water >2 (%)	22.5	N/A	55
Nitrate levels in water >10 (%)	3.3	N/A	63
Pre-1950 housing (%)	31.6	31.1	34
Lead poisoned children (% positive tests)	2.1	3.9	53

* For a detailed explanation of methods and measures used, please visit the University of Wisconsin Population Health Institute web site at www.pophealth.wisc.edu/uwphi

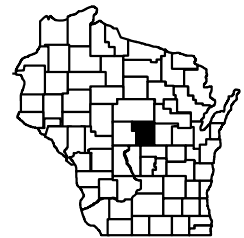
This information was revised on March 5, 2007. For questions, please contact the University of Wisconsin Population Health Institute. You can find contact information online at www.pophealth.wisc.edu/uwphi/research/mainRankingsPage.htm.



	County	Wisconsin	Rank
Health Outcomes			44
Mortality (YPLL)	7,010	6,359	53
General health status (% Fair or Poor Health)	12.2	12.1	36
Health Determinants			21
Health Care			37
No health insurance (%)	5.0	6.4	13
Did not receive needed health care (%)	2.2	2.2	46
No recent dentist visit (%)	47.1	45.4	35
Pneumococcal vaccinations (%)	34.3	N/A	64
Influenza vaccinations (%)	55.9	56.0	44
Diabetic eye exams (%)	77.4	75.2	35
Diabetic lipid profile (%)	83.8	87.1	63
Diabetic HbA1c testing (%)	92.2	90.1	22
Biennial mammography (%)	63.1	66.2	49
Health Behaviors			13
Cigarette smoking (%)	22.5	23.1	35
Smoking during pregnancy (%)	22.0	15.3	52
Physical inactivity (%)	51.4	54.4	25
Overweight and obesity (%)	18.2	21.4	25
Low fruit and vegetable consumption (% < 5 a day)	76.9	77.3	22
Binge drinking (%)	17.5	24.5	9
Teen birth rate (per 1,000)	26	34	33
Sexually transmitted disease (per 100,000)	174	440	35
Violent crime (per 100,000)	93	225	30
Motor vehicle crash deaths (per 100,000)	35	14	67
Socioeconomic Factors			35
High school graduation rate (%)	97.7	91.8	15
Level of education (% HS grads)	85.9	85.1	19
Income/Household poverty ratio	2.59	2.57	27
Divorce rate (%)	9.5	8.9	54
Physical Environment			14
Air quality cancer risk (incidence per 1,000,000)	27	43	43
Air quality hazard index	1.3	2.7	44
Air quality - fine particulate matter in air	9.2	N/A	4
Ozone level	71.0	N/A	4
Nitrate levels in water >2 (%)	9.1	N/A	39
Nitrate levels in water >10 (%)	0.9	N/A	28
Pre-1950 housing (%)	27.1	31.1	17
Lead poisoned children (% positive tests)	0.4	3.9	11

* For a detailed explanation of methods and measures used, please visit the University of Wisconsin Population Health Institute web site at www.pophealth.wisc.edu/uwphi

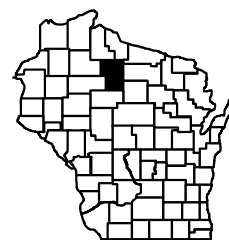
This information was revised on March 5, 2007. For questions, please contact the University of Wisconsin Population Health Institute. You can find contact information online at www.pophealth.wisc.edu/uwphi/research/mainRankingsPage.htm.



	County	Wisconsin	Rank
Health Outcomes			5
Mortality (YPLL)	5,202	6,359	9
General health status (% Fair or Poor Health)	9.2	12.1	8
Health Determinants			18
Health Care			2
No health insurance (%)	5.7	6.4	25
Did not receive needed health care (%)	2.5	2.2	54
No recent dentist visit (%)	38.6	45.4	6
Pneumococcal vaccinations (%)	51.7	N/A	7
Influenza vaccinations (%)	65.4	56.0	4
Diabetic eye exams (%)	82.3	75.2	9
Diabetic lipid profile (%)	91.6	87.1	6
Diabetic HbA1c testing (%)	94.6	90.1	3
Biennial mammography (%)	72.8	66.2	4
Health Behaviors			35
Cigarette smoking (%)	21.0	23.1	24
Smoking during pregnancy (%)	15.2	15.3	17
Physical inactivity (%)	52.4	54.4	28
Overweight and obesity (%)	23.2	21.4	28
Low fruit and vegetable consumption (% < 5 a day)	83.1	77.3	63
Binge drinking (%)	28.1	24.5	57
Teen birth rate (per 1,000)	22	34	21
Sexually transmitted disease (per 100,000)	222	440	47
Violent crime (per 100,000)	102	225	36
Motor vehicle crash deaths (per 100,000)	15	14	24
Socioeconomic Factors			10
High school graduation rate (%)	94.9	91.8	44
Level of education (% HS grads)	86.5	85.1	15
Income/Household poverty ratio	2.55	2.57	34
Divorce rate (%)	7.1	8.9	8
Physical Environment			67
Air quality cancer risk (incidence per 1,000,000)	30	43	50
Air quality hazard index	1.9	2.7	54
Air quality - fine particulate matter in air	9.2	N/A	4
Ozone level	71.0	N/A	4
Nitrate levels in water >2 (%)	64.9	N/A	70
Nitrate levels in water >10 (%)	7.9	N/A	71
Pre-1950 housing (%)	25.2	31.1	13
Lead poisoned children (% positive tests)	0.5	3.9	14

* For a detailed explanation of methods and measures used, please visit the University of Wisconsin Population Health Institute web site at www.pophealth.wisc.edu/uwphi

This information was revised on March 5, 2007. For questions, please contact the University of Wisconsin Population Health Institute. You can find contact information online at www.pophealth.wisc.edu/uwphi/research/mainRankingsPage.htm.



	County	Wisconsin	Rank
Health Outcomes			51
Mortality (YPLL)	5,687	6,359	19
General health status (% Fair or Poor Health)	15.7	12.1	64
Health Determinants			22
Health Care			22
No health insurance (%)	9.3	6.4	49
Did not receive needed health care (%)	1.7	2.2	27
No recent dentist visit (%)	45.6	45.4	29
Pneumococcal vaccinations (%)	35.5	N/A	63
Influenza vaccinations (%)	64.1	56.0	7
Diabetic eye exams (%)	84.4	75.2	3
Diabetic lipid profile (%)	90.0	87.1	15
Diabetic HbA1c testing (%)	94.8	90.1	2
Biennial mammography (%)	62.1	66.2	60
Health Behaviors			17
Cigarette smoking (%)	25.3	23.1	52
Smoking during pregnancy (%)	18.1	15.3	38
Physical inactivity (%)	43.0	54.4	6
Overweight and obesity (%)	27.1	21.4	6
Low fruit and vegetable consumption (% < 5 a day)	81.7	77.3	56
Binge drinking (%)	20.0	24.5	14
Teen birth rate (per 1,000)	18	34	8
Sexually transmitted disease (per 100,000)	101	440	12
Violent crime (per 100,000)	69	225	15
Motor vehicle crash deaths (per 100,000)	25	14	57
Socioeconomic Factors			39
High school graduation rate (%)	97.6	91.8	18
Level of education (% HS grads)	82.4	85.1	49
Income/Household poverty ratio	2.48	2.57	50
Divorce rate (%)	8.6	8.9	35
Physical Environment			13
Air quality cancer risk (incidence per 1,000,000)	22	43	8
Air quality hazard index	0.4	2.7	2
Air quality - fine particulate matter in air	9.2	N/A	4
Ozone level	71.0	N/A	4
Nitrate levels in water >2 (%)	1.9	N/A	23
Nitrate levels in water >10 (%)	0.0	N/A	1
Pre-1950 housing (%)	35.5	31.1	44
Lead poisoned children (% positive tests)	1.2	3.9	36

* For a detailed explanation of methods and measures used, please visit the University of Wisconsin Population Health Institute web site at www.pophealth.wisc.edu/uwphi

This information was revised on March 5, 2007. For questions, please contact the University of Wisconsin Population Health Institute. You can find contact information online at www.pophealth.wisc.edu/uwphi/research/mainRankingsPage.htm.



	County	Wisconsin	Rank
Health Outcomes			55
Mortality (YPLL)	7,059	6,359	54
General health status (% Fair or Poor Health)	13.4	12.1	47
Health Determinants			61
Health Care			43
No health insurance (%)	7.1	6.4	40
Did not receive needed health care (%)	1.9	2.2	36
No recent dentist visit (%)	45.7	45.4	30
Pneumococcal vaccinations (%)	51.5	N/A	8
Influenza vaccinations (%)	52.7	56.0	47
Diabetic eye exams (%)	67.6	75.2	68
Diabetic lipid profile (%)	87.5	87.1	39
Diabetic HbA1c testing (%)	86.8	90.1	69
Biennial mammography (%)	64.1	66.2	43
Health Behaviors			48
Cigarette smoking (%)	26.1	23.1	58
Smoking during pregnancy (%)	16.2	15.3	21
Physical inactivity (%)	60.9	54.4	57
Overweight and obesity (%)	23.1	21.4	57
Low fruit and vegetable consumption (% < 5 a day)	76.5	77.3	20
Binge drinking (%)	25.0	24.5	46
Teen birth rate (per 1,000)	49	34	70
Sexually transmitted disease (per 100,000)	613	440	70
Violent crime (per 100,000)	282	225	68
Motor vehicle crash deaths (per 100,000)	14	14	21
Socioeconomic Factors			59
High school graduation rate (%)	83.0	91.8	69
Level of education (% HS grads)	82.9	85.1	44
Income/Household poverty ratio	2.60	2.57	23
Divorce rate (%)	9.6	8.9	55
Physical Environment			65
Air quality cancer risk (incidence per 1,000,000)	49	43	66
Air quality hazard index	4.0	2.7	69
Air quality - fine particulate matter in air	10.7	N/A	52
Ozone level	95.0	N/A	70
Nitrate levels in water >2 (%)	0.4	N/A	11
Nitrate levels in water >10 (%)	0.4	N/A	14
Pre-1950 housing (%)	32.6	31.1	35
Lead poisoned children (% positive tests)	4.2	3.9	67

* For a detailed explanation of methods and measures used, please visit the University of Wisconsin Population Health Institute web site at www.pophealth.wisc.edu/uwphi

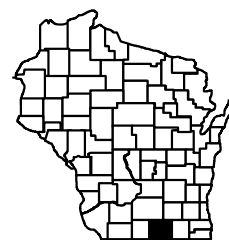
This information was revised on March 5, 2007. For questions, please contact the University of Wisconsin Population Health Institute. You can find contact information online at www.pophealth.wisc.edu/uwphi/research/mainRankingsPage.htm.



	County	Wisconsin	Rank
Health Outcomes			21
Mortality (YPLL)	6,425	6,359	42
General health status (% Fair or Poor Health)	10.2	12.1	15
Health Determinants			33
Health Care			57
No health insurance (%)	9.7	6.4	53
Did not receive needed health care (%)	0.0	2.2	1
No recent dentist visit (%)	62.9	45.4	69
Pneumococcal vaccinations (%)	39.7	N/A	53
Influenza vaccinations (%)	58.6	56.0	31
Diabetic eye exams (%)	77.2	75.2	37
Diabetic lipid profile (%)	85.2	87.1	56
Diabetic HbA1c testing (%)	89.9	90.1	48
Biennial mammography (%)	50.7	66.2	72
Health Behaviors			8
Cigarette smoking (%)	20.2	23.1	21
Smoking during pregnancy (%)	17.9	15.3	34
Physical inactivity (%)	44.1	54.4	9
Overweight and obesity (%)	19.0	21.4	9
Low fruit and vegetable consumption (% < 5 a day)	84.7	77.3	65
Binge drinking (%)	15.2	24.5	6
Teen birth rate (per 1,000)	23	34	26
Sexually transmitted disease (per 100,000)	136	440	20
Violent crime (per 100,000)	208	225	63
Motor vehicle crash deaths (per 100,000)	17	14	32
Socioeconomic Factors			45
High school graduation rate (%)	96.4	91.8	26
Level of education (% HS grads)	82.1	85.1	52
Income/Household poverty ratio	2.42	2.57	62
Divorce rate (%)	8.6	8.9	33
Physical Environment			53
Air quality cancer risk (incidence per 1,000,000)	23	43	12
Air quality hazard index	0.7	2.7	20
Air quality - fine particulate matter in air	9.2	N/A	4
Ozone level	71.0	N/A	4
Nitrate levels in water >2 (%)	4.7	N/A	31
Nitrate levels in water >10 (%)	3.2	N/A	61
Pre-1950 housing (%)	45.6	31.1	70
Lead poisoned children (% positive tests)	2.8	3.9	60

* For a detailed explanation of methods and measures used, please visit the University of Wisconsin Population Health Institute web site at www.pophealth.wisc.edu/uwphi

This information was revised on March 5, 2007. For questions, please contact the University of Wisconsin Population Health Institute. You can find contact information online at www.pophealth.wisc.edu/uwphi/research/mainRankingsPage.htm.



	County	Wisconsin	Rank
Health Outcomes			46
Mortality (YPLL)	6,841	6,359	49
General health status (% Fair or Poor Health)	13.1	12.1	44
Health Determinants			60
Health Care			30
No health insurance (%)	6.7	6.4	36
Did not receive needed health care (%)	2.6	2.2	59
No recent dentist visit (%)	42.5	45.4	15
Pneumococcal vaccinations (%)	44.3	N/A	37
Influenza vaccinations (%)	56.6	56.0	38
Diabetic eye exams (%)	75.8	75.2	53
Diabetic lipid profile (%)	84.6	87.1	59
Diabetic HbA1c testing (%)	91.4	90.1	33
Biennial mammography (%)	67.9	66.2	19
Health Behaviors			38
Cigarette smoking (%)	25.8	23.1	54
Smoking during pregnancy (%)	19.2	15.3	40
Physical inactivity (%)	50.9	54.4	24
Overweight and obesity (%)	22.1	21.4	24
Low fruit and vegetable consumption (% < 5 a day)	79.1	77.3	38
Binge drinking (%)	22.9	24.5	34
Teen birth rate (per 1,000)	47	34	68
Sexually transmitted disease (per 100,000)	479	440	68
Violent crime (per 100,000)	234	225	66
Motor vehicle crash deaths (per 100,000)	17	14	32
Socioeconomic Factors			55
High school graduation rate (%)	91.1	91.8	64
Level of education (% HS grads)	83.9	85.1	36
Income/Household poverty ratio	2.62	2.57	19
Divorce rate (%)	10.7	8.9	69
Physical Environment			72
Air quality cancer risk (incidence per 1,000,000)	50	43	67
Air quality hazard index	2.9	2.7	63
Air quality - fine particulate matter in air	12.7	N/A	70
Ozone level	83.0	N/A	61
Nitrate levels in water >2 (%)	67.6	N/A	71
Nitrate levels in water >10 (%)	3.3	N/A	64
Pre-1950 housing (%)	33.4	31.1	38
Lead poisoned children (% positive tests)	2.5	3.9	57

* For a detailed explanation of methods and measures used, please visit the University of Wisconsin Population Health Institute web site at www.pophealth.wisc.edu/uwphi

This information was revised on March 5, 2007. For questions, please contact the University of Wisconsin Population Health Institute. You can find contact information online at www.pophealth.wisc.edu/uwphi/research/mainRankingsPage.htm.



	County	Wisconsin	Rank
Health Outcomes			32
Mortality (YPLL)	7,812	6,359	62
General health status (% Fair or Poor Health)	9.0	12.1	7
Health Determinants			44
Health Care			10
No health insurance (%)	11.7	6.4	68
Did not receive needed health care (%)	0.0	2.2	1
No recent dentist visit (%)	49.3	45.4	41
Pneumococcal vaccinations (%)	49.3	N/A	15
Influenza vaccinations (%)	64.0	56.0	9
Diabetic eye exams (%)	82.1	75.2	11
Diabetic lipid profile (%)	92.4	87.1	3
Diabetic HbA1c testing (%)	93.6	90.1	7
Biennial mammography (%)	69.6	66.2	13
Health Behaviors			19
Cigarette smoking (%)	19.9	23.1	19
Smoking during pregnancy (%)	22.8	15.3	55
Physical inactivity (%)	56.4	54.4	46
Overweight and obesity (%)	26.0	21.4	46
Low fruit and vegetable consumption (% < 5 a day)	77.8	77.3	28
Binge drinking (%)	11.5	24.5	2
Teen birth rate (per 1,000)	29	34	44
Sexually transmitted disease (per 100,000)	145	440	22
Violent crime (per 100,000)	327	225	70
Motor vehicle crash deaths (per 100,000)	23	14	54
Socioeconomic Factors			64
High school graduation rate (%)	95.4	91.8	41
Level of education (% HS grads)	79.1	85.1	62
Income/Household poverty ratio	2.35	2.57	69
Divorce rate (%)	9.0	8.9	44
Physical Environment			18
Air quality cancer risk (incidence per 1,000,000)	23	43	12
Air quality hazard index	0.7	2.7	16
Air quality - fine particulate matter in air	9.2	N/A	4
Ozone level	71.0	N/A	4
Nitrate levels in water >2 (%)	3.2	N/A	26
Nitrate levels in water >10 (%)	1.5	N/A	45
Pre-1950 housing (%)	36.9	31.1	45
Lead poisoned children (% positive tests)	0.7	3.9	19

* For a detailed explanation of methods and measures used, please visit the University of Wisconsin Population Health Institute web site at www.pophealth.wisc.edu/uwphi

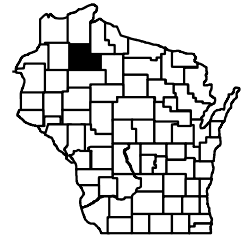
This information was revised on March 5, 2007. For questions, please contact the University of Wisconsin Population Health Institute. You can find contact information online at www.pophealth.wisc.edu/uwphi/research/mainRankingsPage.htm.



	County	Wisconsin	Rank
Health Outcomes			28
Mortality (YPLL)	6,607	6,359	43
General health status (% Fair or Poor Health)	10.8	12.1	21
Health Determinants			43
Health Care			25
No health insurance (%)	7.1	6.4	41
Did not receive needed health care (%)	1.4	2.2	19
No recent dentist visit (%)	47.0	45.4	33
Pneumococcal vaccinations (%)	42.4	N/A	44
Influenza vaccinations (%)	49.6	56.0	51
Diabetic eye exams (%)	79.7	75.2	19
Diabetic lipid profile (%)	90.8	87.1	10
Diabetic HbA1c testing (%)	92.8	90.1	15
Biennial mammography (%)	62.5	66.2	56
Health Behaviors			45
Cigarette smoking (%)	22.3	23.1	33
Smoking during pregnancy (%)	21.1	15.3	47
Physical inactivity (%)	53.8	54.4	37
Overweight and obesity (%)	27.6	21.4	37
Low fruit and vegetable consumption (% < 5 a day)	76.0	77.3	17
Binge drinking (%)	24.2	24.5	42
Teen birth rate (per 1,000)	36	34	56
Sexually transmitted disease (per 100,000)	240	440	50
Violent crime (per 100,000)	134	225	53
Motor vehicle crash deaths (per 100,000)	18	14	37
Socioeconomic Factors			40
High school graduation rate (%)	94.2	91.8	51
Level of education (% HS grads)	83.5	85.1	42
Income/Household poverty ratio	2.59	2.57	25
Divorce rate (%)	9.3	8.9	50
Physical Environment			46
Air quality cancer risk (incidence per 1,000,000)	28	43	46
Air quality hazard index	1.5	2.7	47
Air quality - fine particulate matter in air	9.2	N/A	4
Ozone level	73.0	N/A	48
Nitrate levels in water >2 (%)	23.1	N/A	56
Nitrate levels in water >10 (%)	1.4	N/A	42
Pre-1950 housing (%)	33.3	31.1	37
Lead poisoned children (% positive tests)	3.3	3.9	63

* For a detailed explanation of methods and measures used, please visit the University of Wisconsin Population Health Institute web site at www.pophealth.wisc.edu/uwphi

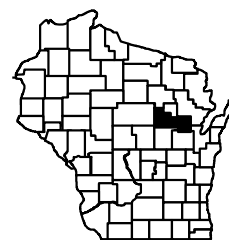
This information was revised on March 5, 2007. For questions, please contact the University of Wisconsin Population Health Institute. You can find contact information online at www.pophealth.wisc.edu/uwphi/research/mainRankingsPage.htm.



	County	Wisconsin	Rank
Health Outcomes			66
Mortality (YPLL)	9,452	6,359	71
General health status (% Fair or Poor Health)	14.0	12.1	52
Health Determinants			54
Health Care			69
No health insurance (%)	15.8	6.4	71
Did not receive needed health care (%)	4.2	2.2	69
No recent dentist visit (%)	58.6	45.4	64
Pneumococcal vaccinations (%)	46.8	N/A	26
Influenza vaccinations (%)	56.5	56.0	39
Diabetic eye exams (%)	74.1	75.2	57
Diabetic lipid profile (%)	90.8	87.1	9
Diabetic HbA1c testing (%)	96.1	90.1	1
Biennial mammography (%)	63.0	66.2	51
Health Behaviors			7
Cigarette smoking (%)	23.2	23.1	41
Smoking during pregnancy (%)	29.3	15.3	67
Physical inactivity (%)	40.6	54.4	3
Overweight and obesity (%)	23.6	21.4	3
Low fruit and vegetable consumption (% < 5 a day)	71.7	77.3	5
Binge drinking (%)	9.3	24.5	1
Teen birth rate (per 1,000)	47	34	69
Sexually transmitted disease (per 100,000)	170	440	32
Violent crime (per 100,000)	102	225	37
Motor vehicle crash deaths (per 100,000)	40	14	69
Socioeconomic Factors			67
High school graduation rate (%)	91.0	91.8	65
Level of education (% HS grads)	84.7	85.1	25
Income/Household poverty ratio	2.34	2.57	71
Divorce rate (%)	10.4	8.9	63
Physical Environment			5
Air quality cancer risk (incidence per 1,000,000)	24	43	28
Air quality hazard index	0.8	2.7	24
Air quality - fine particulate matter in air	9.2	N/A	4
Ozone level	71.0	N/A	4
Nitrate levels in water >2 (%)	1.2	N/A	20
Nitrate levels in water >10 (%)	1.2	N/A	38
Pre-1950 housing (%)	21.0	31.1	10
Lead poisoned children (% positive tests)	0.0	3.9	1

* For a detailed explanation of methods and measures used, please visit the University of Wisconsin Population Health Institute web site at www.pophealth.wisc.edu/uwphi

This information was revised on March 5, 2007. For questions, please contact the University of Wisconsin Population Health Institute. You can find contact information online at www.pophealth.wisc.edu/uwphi/research/mainRankingsPage.htm.



	County	Wisconsin	Rank
Health Outcomes			49
Mortality (YPLL)	6,734	6,359	47
General health status (% Fair or Poor Health)	13.5	12.1	49
Health Determinants			37
Health Care			54
No health insurance (%)	10.0	6.4	55
Did not receive needed health care (%)	2.5	2.2	55
No recent dentist visit (%)	54.8	45.4	57
Pneumococcal vaccinations (%)	41.0	N/A	49
Influenza vaccinations (%)	60.7	56.0	21
Diabetic eye exams (%)	75.5	75.2	54
Diabetic lipid profile (%)	86.7	87.1	45
Diabetic HbA1c testing (%)	91.9	90.1	27
Biennial mammography (%)	66.0	66.2	34
Health Behaviors			44
Cigarette smoking (%)	17.7	23.1	11
Smoking during pregnancy (%)	21.1	15.3	50
Physical inactivity (%)	54.7	54.4	40
Overweight and obesity (%)	21.9	21.4	40
Low fruit and vegetable consumption (% < 5 a day)	79.1	77.3	37
Binge drinking (%)	28.7	24.5	59
Teen birth rate (per 1,000)	28	34	38
Sexually transmitted disease (per 100,000)	193	440	41
Violent crime (per 100,000)	67	225	14
Motor vehicle crash deaths (per 100,000)	25	14	56
Socioeconomic Factors			32
High school graduation rate (%)	95.0	91.8	43
Level of education (% HS grads)	81.5	85.1	55
Income/Household poverty ratio	2.54	2.57	36
Divorce rate (%)	7.7	8.9	17
Physical Environment			54
Air quality cancer risk (incidence per 1,000,000)	26	43	36
Air quality hazard index	0.9	2.7	31
Air quality - fine particulate matter in air	9.2	N/A	4
Ozone level	71.0	N/A	4
Nitrate levels in water >2 (%)	27.8	N/A	62
Nitrate levels in water >10 (%)	4.0	N/A	67
Pre-1950 housing (%)	37.3	31.1	48
Lead poisoned children (% positive tests)	1.5	3.9	43

* For a detailed explanation of methods and measures used, please visit the University of Wisconsin Population Health Institute web site at www.pophealth.wisc.edu/uwphi

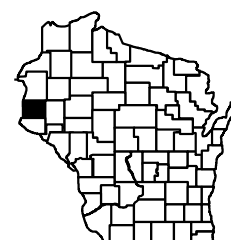
This information was revised on March 5, 2007. For questions, please contact the University of Wisconsin Population Health Institute. You can find contact information online at www.pophealth.wisc.edu/uwphi/research/mainRankingsPage.htm.



	County	Wisconsin	Rank
Health Outcomes			33
Mortality (YPLL)	5,848	6,359	22
General health status (% Fair or Poor Health)	12.5	12.1	39
Health Determinants			16
Health Care			8
No health insurance (%)	3.5	6.4	6
Did not receive needed health care (%)	1.8	2.2	35
No recent dentist visit (%)	42.8	45.4	18
Pneumococcal vaccinations (%)	49.1	N/A	17
Influenza vaccinations (%)	64.2	56.0	6
Diabetic eye exams (%)	76.4	75.2	46
Diabetic lipid profile (%)	87.5	87.1	38
Diabetic HbA1c testing (%)	93.2	90.1	11
Biennial mammography (%)	68.2	66.2	17
Health Behaviors			25
Cigarette smoking (%)	23.2	23.1	42
Smoking during pregnancy (%)	17.0	15.3	27
Physical inactivity (%)	52.6	54.4	30
Overweight and obesity (%)	22.6	21.4	30
Low fruit and vegetable consumption (% < 5 a day)	77.9	77.3	29
Binge drinking (%)	22.2	24.5	29
Teen birth rate (per 1,000)	32	34	50
Sexually transmitted disease (per 100,000)	249	440	52
Violent crime (per 100,000)	107	225	38
Motor vehicle crash deaths (per 100,000)	15	14	22
Socioeconomic Factors			12
High school graduation rate (%)	94.2	91.8	48
Level of education (% HS grads)	84.4	85.1	28
Income/Household poverty ratio	2.70	2.57	7
Divorce rate (%)	8.0	8.9	23
Physical Environment			64
Air quality cancer risk (incidence per 1,000,000)	33	43	51
Air quality hazard index	1.6	2.7	49
Air quality - fine particulate matter in air	10.7	N/A	52
Ozone level	94.0	N/A	68
Nitrate levels in water >2 (%)	4.1	N/A	28
Nitrate levels in water >10 (%)	0.7	N/A	25
Pre-1950 housing (%)	41.4	31.1	60
Lead poisoned children (% positive tests)	4.4	3.9	69

* For a detailed explanation of methods and measures used, please visit the University of Wisconsin Population Health Institute web site at www.pophealth.wisc.edu/uwphi

This information was revised on March 5, 2007. For questions, please contact the University of Wisconsin Population Health Institute. You can find contact information online at www.pophealth.wisc.edu/uwphi/research/mainRankingsPage.htm.



	County	Wisconsin	Rank
Health Outcomes			4
Mortality (YPLL)	5,161	6,359	8
General health status (% Fair or Poor Health)	9.3	12.1	9
Health Determinants			7
Health Care			38
No health insurance (%)	6.3	6.4	35
Did not receive needed health care (%)	3.0	2.2	62
No recent dentist visit (%)	51.0	45.4	47
Pneumococcal vaccinations (%)	40.3	N/A	51
Influenza vaccinations (%)	60.3	56.0	22
Diabetic eye exams (%)	78.0	75.2	28
Diabetic lipid profile (%)	87.0	87.1	42
Diabetic HbA1c testing (%)	91.7	90.1	30
Biennial mammography (%)	67.2	66.2	24
Health Behaviors			40
Cigarette smoking (%)	19.9	23.1	20
Smoking during pregnancy (%)	11.5	15.3	5
Physical inactivity (%)	47.0	54.4	15
Overweight and obesity (%)	23.6	21.4	15
Low fruit and vegetable consumption (% < 5 a day)	80.6	77.3	52
Binge drinking (%)	34.3	24.5	70
Teen birth rate (per 1,000)	18	34	9
Sexually transmitted disease (per 100,000)	120	440	15
Violent crime (per 100,000)	81	225	26
Motor vehicle crash deaths (per 100,000)	20	14	41
Socioeconomic Factors			6
High school graduation rate (%)	97.7	91.8	14
Level of education (% HS grads)	91.6	85.1	4
Income/Household poverty ratio	2.76	2.57	5
Divorce rate (%)	8.1	8.9	24
Physical Environment			30
Air quality cancer risk (incidence per 1,000,000)	39	43	57
Air quality hazard index	3.7	2.7	68
Air quality - fine particulate matter in air	9.9	N/A	49
Ozone level	73.0	N/A	48
Nitrate levels in water >2 (%)	14.5	N/A	46
Nitrate levels in water >10 (%)	2.6	N/A	56
Pre-1950 housing (%)	22.8	31.1	12
Lead poisoned children (% positive tests)	0.2	3.9	6

* For a detailed explanation of methods and measures used, please visit the University of Wisconsin Population Health Institute web site at www.pophealth.wisc.edu/uwphi

This information was revised on March 5, 2007. For questions, please contact the University of Wisconsin Population Health Institute. You can find contact information online at www.pophealth.wisc.edu/uwphi/research/mainRankingsPage.htm.



	County	Wisconsin	Rank
Health Outcomes			19
Mortality (YPLL)	5,467	6,359	15
General health status (% Fair or Poor Health)	11.7	12.1	27
Health Determinants			51
Health Care			40
No health insurance (%)	3.8	6.4	9
Did not receive needed health care (%)	4.4	2.2	70
No recent dentist visit (%)	67.1	45.4	71
Pneumococcal vaccinations (%)	48.3	N/A	21
Influenza vaccinations (%)	58.5	56.0	32
Diabetic eye exams (%)	83.6	75.2	4
Diabetic lipid profile (%)	90.1	87.1	14
Diabetic HbA1c testing (%)	93.1	90.1	13
Biennial mammography (%)	72.8	66.2	5
Health Behaviors			69
Cigarette smoking (%)	21.5	23.1	27
Smoking during pregnancy (%)	17.9	15.3	36
Physical inactivity (%)	70.9	54.4	67
Overweight and obesity (%)	34.8	21.4	67
Low fruit and vegetable consumption (% < 5 a day)	79.3	77.3	43
Binge drinking (%)	30.1	24.5	64
Teen birth rate (per 1,000)	23	34	25
Sexually transmitted disease (per 100,000)	39	440	1
Violent crime (per 100,000)	63	225	13
Motor vehicle crash deaths (per 100,000)	22	14	50
Socioeconomic Factors			34
High school graduation rate (%)	97.7	91.8	13
Level of education (% HS grads)	78.3	85.1	69
Income/Household poverty ratio	2.50	2.57	41
Divorce rate (%)	7.5	8.9	13
Physical Environment			17
Air quality cancer risk (incidence per 1,000,000)	23	43	18
Air quality hazard index	0.7	2.7	22
Air quality - fine particulate matter in air	9.2	N/A	4
Ozone level	71.0	N/A	4
Nitrate levels in water >2 (%)	20.4	N/A	53
Nitrate levels in water >10 (%)	0.0	N/A	1
Pre-1950 housing (%)	37.4	31.1	49
Lead poisoned children (% positive tests)	0.0	3.9	1

* For a detailed explanation of methods and measures used, please visit the University of Wisconsin Population Health Institute web site at www.pophealth.wisc.edu/uwphi

This information was revised on March 5, 2007. For questions, please contact the University of Wisconsin Population Health Institute. You can find contact information online at www.pophealth.wisc.edu/uwphi/research/mainRankingsPage.htm.



	County	Wisconsin	Rank
Health Outcomes			53
Mortality (YPLL)	6,400	6,359	41
General health status (% Fair or Poor Health)	14.5	12.1	56
Health Determinants			46
Health Care			11
No health insurance (%)	3.1	6.4	1
Did not receive needed health care (%)	1.0	2.2	14
No recent dentist visit (%)	50.1	45.4	43
Pneumococcal vaccinations (%)	45.3	N/A	35
Influenza vaccinations (%)	51.5	56.0	49
Diabetic eye exams (%)	82.1	75.2	10
Diabetic lipid profile (%)	91.0	87.1	7
Diabetic HbA1c testing (%)	92.2	90.1	23
Biennial mammography (%)	64.5	66.2	41
Health Behaviors			56
Cigarette smoking (%)	17.2	23.1	9
Smoking during pregnancy (%)	16.9	15.3	25
Physical inactivity (%)	61.4	54.4	58
Overweight and obesity (%)	22.5	21.4	58
Low fruit and vegetable consumption (% < 5 a day)	87.1	77.3	70
Binge drinking (%)	28.3	24.5	58
Teen birth rate (per 1,000)	27	34	36
Sexually transmitted disease (per 100,000)	219	440	45
Violent crime (per 100,000)	85	225	27
Motor vehicle crash deaths (per 100,000)	24	14	55
Socioeconomic Factors			43
High school graduation rate (%)	95.5	91.8	38
Level of education (% HS grads)	80.9	85.1	58
Income/Household poverty ratio	2.53	2.57	38
Divorce rate (%)	8.7	8.9	37
Physical Environment			35
Air quality cancer risk (incidence per 1,000,000)	23	43	23
Air quality hazard index	0.7	2.7	23
Air quality - fine particulate matter in air	9.2	N/A	4
Ozone level	71.0	N/A	4
Nitrate levels in water >2 (%)	11.6	N/A	44
Nitrate levels in water >10 (%)	2.3	N/A	52
Pre-1950 housing (%)	40.1	31.1	56
Lead poisoned children (% positive tests)	1.4	3.9	40

* For a detailed explanation of methods and measures used, please visit the University of Wisconsin Population Health Institute web site at www.pophealth.wisc.edu/uwphi

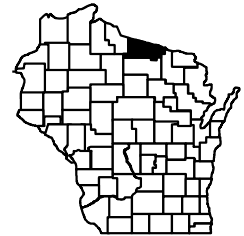
This information was revised on March 5, 2007. For questions, please contact the University of Wisconsin Population Health Institute. You can find contact information online at www.pophealth.wisc.edu/uwphi/research/mainRankingsPage.htm.



	County	Wisconsin	Rank
Health Outcomes			27
Mortality (YPLL)	6,232	6,359	33
General health status (% Fair or Poor Health)	11.3	12.1	24
Health Determinants			39
Health Care			59
No health insurance (%)	8.4	6.4	47
Did not receive needed health care (%)	2.5	2.2	56
No recent dentist visit (%)	51.7	45.4	49
Pneumococcal vaccinations (%)	37.3	N/A	58
Influenza vaccinations (%)	34.1	56.0	67
Diabetic eye exams (%)	74.4	75.2	56
Diabetic lipid profile (%)	85.9	87.1	48
Diabetic HbA1c testing (%)	93.2	90.1	12
Biennial mammography (%)	62.1	66.2	61
Health Behaviors			11
Cigarette smoking (%)	19.9	23.1	18
Smoking during pregnancy (%)	14.3	15.3	12
Physical inactivity (%)	53.6	54.4	36
Overweight and obesity (%)	25.7	21.4	36
Low fruit and vegetable consumption (% < 5 a day)	85.1	77.3	67
Binge drinking (%)	20.5	24.5	20
Teen birth rate (per 1,000)	25	34	30
Sexually transmitted disease (per 100,000)	172	440	33
Violent crime (per 100,000)	62	225	12
Motor vehicle crash deaths (per 100,000)	13	14	14
Socioeconomic Factors			47
High school graduation rate (%)	96.6	91.8	24
Level of education (% HS grads)	78.9	85.1	64
Income/Household poverty ratio	2.34	2.57	70
Divorce rate (%)	7.7	8.9	15
Physical Environment			39
Air quality cancer risk (incidence per 1,000,000)	23	43	17
Air quality hazard index	0.6	2.7	13
Air quality - fine particulate matter in air	9.2	N/A	4
Ozone level	72.0	N/A	47
Nitrate levels in water >2 (%)	16.5	N/A	49
Nitrate levels in water >10 (%)	1.1	N/A	34
Pre-1950 housing (%)	42.5	31.1	64
Lead poisoned children (% positive tests)	2.5	3.9	56

* For a detailed explanation of methods and measures used, please visit the University of Wisconsin Population Health Institute web site at www.pophealth.wisc.edu/uwphi

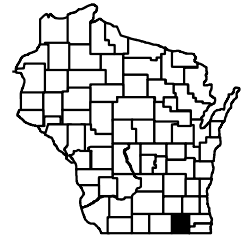
This information was revised on March 5, 2007. For questions, please contact the University of Wisconsin Population Health Institute. You can find contact information online at www.pophealth.wisc.edu/uwphi/research/mainRankingsPage.htm.



	County	Wisconsin	Rank
Health Outcomes			67
Mortality (YPLL)	7,959	6,359	63
General health status (% Fair or Poor Health)	17.6	12.1	69
Health Determinants			40
Health Care			24
No health insurance (%)	8.8	6.4	48
Did not receive needed health care (%)	2.0	2.2	42
No recent dentist visit (%)	48.1	45.4	37
Pneumococcal vaccinations (%)	48.4	N/A	20
Influenza vaccinations (%)	57.0	56.0	37
Diabetic eye exams (%)	81.2	75.2	14
Diabetic lipid profile (%)	88.1	87.1	32
Diabetic HbA1c testing (%)	91.0	90.1	35
Biennial mammography (%)	74.6	66.2	3
Health Behaviors			30
Cigarette smoking (%)	24.3	23.1	47
Smoking during pregnancy (%)	25.3	15.3	61
Physical inactivity (%)	41.3	54.4	5
Overweight and obesity (%)	24.7	21.4	5
Low fruit and vegetable consumption (% < 5 a day)	78.4	77.3	33
Binge drinking (%)	20.7	24.5	22
Teen birth rate (per 1,000)	33	34	51
Sexually transmitted disease (per 100,000)	279	440	59
Violent crime (per 100,000)	129	225	50
Motor vehicle crash deaths (per 100,000)	25	14	58
Socioeconomic Factors			51
High school graduation rate (%)	93.3	91.8	56
Level of education (% HS grads)	85.4	85.1	22
Income/Household poverty ratio	2.48	2.57	48
Divorce rate (%)	9.9	8.9	60
Physical Environment			2
Air quality cancer risk (incidence per 1,000,000)	26	43	38
Air quality hazard index	1.2	2.7	40
Air quality - fine particulate matter in air	6.6	N/A	1
Ozone level	68.0	N/A	2
Nitrate levels in water >2 (%)	0.4	N/A	12
Nitrate levels in water >10 (%)	0.4	N/A	15
Pre-1950 housing (%)	19.6	31.1	7
Lead poisoned children (% positive tests)	0.4	3.9	10

* For a detailed explanation of methods and measures used, please visit the University of Wisconsin Population Health Institute web site at www.pophealth.wisc.edu/uwphi

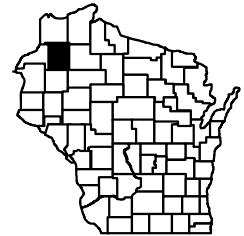
This information was revised on March 5, 2007. For questions, please contact the University of Wisconsin Population Health Institute. You can find contact information online at www.pophealth.wisc.edu/uwphi/research/mainRankingsPage.htm.



	County	Wisconsin	Rank
Health Outcomes			34
Mortality (YPLL)	5,799	6,359	21
General health status (% Fair or Poor Health)	12.7	12.1	41
Health Determinants			23
Health Care			42
No health insurance (%)	6.2	6.4	32
Did not receive needed health care (%)	2.1	2.2	43
No recent dentist visit (%)	42.5	45.4	17
Pneumococcal vaccinations (%)	45.1	N/A	36
Influenza vaccinations (%)	57.7	56.0	35
Diabetic eye exams (%)	68.6	75.2	65
Diabetic lipid profile (%)	84.0	87.1	60
Diabetic HbA1c testing (%)	88.0	90.1	61
Biennial mammography (%)	63.6	66.2	46
Health Behaviors			16
Cigarette smoking (%)	22.8	23.1	37
Smoking during pregnancy (%)	16.7	15.3	23
Physical inactivity (%)	59.5	54.4	55
Overweight and obesity (%)	25.1	21.4	55
Low fruit and vegetable consumption (% < 5 a day)	79.6	77.3	46
Binge drinking (%)	18.0	24.5	10
Teen birth rate (per 1,000)	29	34	43
Sexually transmitted disease (per 100,000)	160	440	27
Violent crime (per 100,000)	117	225	44
Motor vehicle crash deaths (per 100,000)	14	14	17
Socioeconomic Factors			31
High school graduation rate (%)	94.5	91.8	46
Level of education (% HS grads)	84.2	85.1	31
Income/Household poverty ratio	2.59	2.57	26
Divorce rate (%)	8.5	8.9	29
Physical Environment			52
Air quality cancer risk (incidence per 1,000,000)	40	43	60
Air quality hazard index	2.6	2.7	60
Air quality - fine particulate matter in air	11.8	N/A	62
Ozone level	84.0	N/A	64
Nitrate levels in water >2 (%)	6.3	N/A	35
Nitrate levels in water >10 (%)	1.9	N/A	50
Pre-1950 housing (%)	30.4	31.1	29
Lead poisoned children (% positive tests)	1.4	3.9	42

* For a detailed explanation of methods and measures used, please visit the University of Wisconsin Population Health Institute web site at www.pophealth.wisc.edu/uwphi

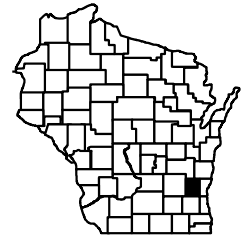
This information was revised on March 5, 2007. For questions, please contact the University of Wisconsin Population Health Institute. You can find contact information online at www.pophealth.wisc.edu/uwphi/research/mainRankingsPage.htm.



	County	Wisconsin	Rank
Health Outcomes			60
Mortality (YPLL)	6,645	6,359	45
General health status (% Fair or Poor Health)	16.5	12.1	67
Health Determinants			47
Health Care			41
No health insurance (%)	10.2	6.4	56
Did not receive needed health care (%)	1.6	2.2	23
No recent dentist visit (%)	53.5	45.4	55
Pneumococcal vaccinations (%)	44.3	N/A	38
Influenza vaccinations (%)	61.3	56.0	14
Diabetic eye exams (%)	77.5	75.2	32
Diabetic lipid profile (%)	87.0	87.1	43
Diabetic HbA1c testing (%)	91.9	90.1	28
Biennial mammography (%)	64.0	66.2	45
Health Behaviors			26
Cigarette smoking (%)	16.8	23.1	6
Smoking during pregnancy (%)	24.8	15.3	58
Physical inactivity (%)	71.9	54.4	68
Overweight and obesity (%)	26.6	21.4	68
Low fruit and vegetable consumption (% < 5 a day)	82.5	77.3	61
Binge drinking (%)	12.6	24.5	3
Teen birth rate (per 1,000)	35	34	54
Sexually transmitted disease (per 100,000)	327	440	61
Violent crime (per 100,000)	120	225	45
Motor vehicle crash deaths (per 100,000)	18	14	36
Socioeconomic Factors			57
High school graduation rate (%)	93.7	91.8	53
Level of education (% HS grads)	83.7	85.1	38
Income/Household poverty ratio	2.43	2.57	57
Divorce rate (%)	9.8	8.9	57
Physical Environment			9
Air quality cancer risk (incidence per 1,000,000)	23	43	11
Air quality hazard index	0.7	2.7	17
Air quality - fine particulate matter in air	9.2	N/A	4
Ozone level	71.0	N/A	4
Nitrate levels in water >2 (%)	16.3	N/A	48
Nitrate levels in water >10 (%)	0.5	N/A	18
Pre-1950 housing (%)	27.2	31.1	18
Lead poisoned children (% positive tests)	0.0	3.9	1

* For a detailed explanation of methods and measures used, please visit the University of Wisconsin Population Health Institute web site at www.pophealth.wisc.edu/uwphi

This information was revised on March 5, 2007. For questions, please contact the University of Wisconsin Population Health Institute. You can find contact information online at www.pophealth.wisc.edu/uwphi/research/mainRankingsPage.htm.



	County	Wisconsin	Rank
Health Outcomes			10
Mortality (YPLL)	5,007	6,359	5
General health status (% Fair or Poor Health)	10.6	12.1	18
Health Determinants			3
Health Care			12
No health insurance (%)	3.1	6.4	3
Did not receive needed health care (%)	1.8	2.2	31
No recent dentist visit (%)	38.6	45.4	7
Pneumococcal vaccinations (%)	38.7	N/A	56
Influenza vaccinations (%)	61.0	56.0	18
Diabetic eye exams (%)	77.4	75.2	34
Diabetic lipid profile (%)	86.8	87.1	44
Diabetic HbA1c testing (%)	91.0	90.1	37
Biennial mammography (%)	70.5	66.2	10
Health Behaviors			4
Cigarette smoking (%)	19.3	23.1	14
Smoking during pregnancy (%)	11.9	15.3	6
Physical inactivity (%)	53.5	54.4	35
Overweight and obesity (%)	19.2	21.4	35
Low fruit and vegetable consumption (% < 5 a day)	71.9	77.3	6
Binge drinking (%)	20.1	24.5	15
Teen birth rate (per 1,000)	18	34	6
Sexually transmitted disease (per 100,000)	210	440	44
Violent crime (per 100,000)	58	225	11
Motor vehicle crash deaths (per 100,000)	16	14	25
Socioeconomic Factors			4
High school graduation rate (%)	94.6	91.8	45
Level of education (% HS grads)	88.8	85.1	8
Income/Household poverty ratio	2.79	2.57	3
Divorce rate (%)	7.4	8.9	11
Physical Environment			29
Air quality cancer risk (incidence per 1,000,000)	39	43	57
Air quality hazard index	2.2	2.7	57
Air quality - fine particulate matter in air	11.8	N/A	62
Ozone level	82.0	N/A	58
Nitrate levels in water >2 (%)	11.5	N/A	43
Nitrate levels in water >10 (%)	1.7	N/A	48
Pre-1950 housing (%)	19.5	31.1	6
Lead poisoned children (% positive tests)	0.6	3.9	17

* For a detailed explanation of methods and measures used, please visit the University of Wisconsin Population Health Institute web site at www.pophealth.wisc.edu/uwphi

This information was revised on March 5, 2007. For questions, please contact the University of Wisconsin Population Health Institute. You can find contact information online at www.pophealth.wisc.edu/uwphi/research/mainRankingsPage.htm.



	County	Wisconsin	Rank
Health Outcomes			1
Mortality (YPLL)	4,247	6,359	2
General health status (% Fair or Poor Health)	8.3	12.1	3
Health Determinants			2
Health Care			7
No health insurance (%)	3.2	6.4	4
Did not receive needed health care (%)	2.0	2.2	41
No recent dentist visit (%)	38.7	45.4	8
Pneumococcal vaccinations (%)	48.1	N/A	22
Influenza vaccinations (%)	61.1	56.0	16
Diabetic eye exams (%)	76.6	75.2	44
Diabetic lipid profile (%)	89.0	87.1	25
Diabetic HbA1c testing (%)	89.6	90.1	52
Biennial mammography (%)	72.4	66.2	6
Health Behaviors			2
Cigarette smoking (%)	16.9	23.1	7
Smoking during pregnancy (%)	8.0	15.3	2
Physical inactivity (%)	53.9	54.4	38
Overweight and obesity (%)	17.9	21.4	38
Low fruit and vegetable consumption (% < 5 a day)	73.1	77.3	9
Binge drinking (%)	20.6	24.5	21
Teen birth rate (per 1,000)	13	34	3
Sexually transmitted disease (per 100,000)	104	440	13
Violent crime (per 100,000)	69	225	16
Motor vehicle crash deaths (per 100,000)	9	14	6
Socioeconomic Factors			2
High school graduation rate (%)	98.5	91.8	3
Level of education (% HS grads)	92.0	85.1	2
Income/Household poverty ratio	2.84	2.57	1
Divorce rate (%)	7.1	8.9	9
Physical Environment			38
Air quality cancer risk (incidence per 1,000,000)	55	43	70
Air quality hazard index	4.4	2.7	71
Air quality - fine particulate matter in air	13.1	N/A	72
Ozone level	81.0	N/A	56
Nitrate levels in water >2 (%)	3.6	N/A	27
Nitrate levels in water >10 (%)	0.9	N/A	27
Pre-1950 housing (%)	14.3	31.1	3
Lead poisoned children (% positive tests)	0.8	3.9	20

* For a detailed explanation of methods and measures used, please visit the University of Wisconsin Population Health Institute web site at www.pophealth.wisc.edu/uwphi

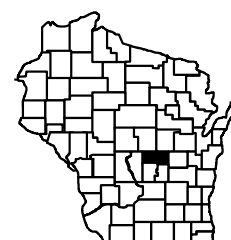
This information was revised on March 5, 2007. For questions, please contact the University of Wisconsin Population Health Institute. You can find contact information online at www.pophealth.wisc.edu/uwphi/research/mainRankingsPage.htm.



	County	Wisconsin	Rank
Health Outcomes			61
Mortality (YPLL)	7,506	6,359	59
General health status (% Fair or Poor Health)	15.1	12.1	61
Health Determinants			53
Health Care			58
No health insurance (%)	11.2	6.4	63
Did not receive needed health care (%)	2.4	2.2	49
No recent dentist visit (%)	51.5	45.4	48
Pneumococcal vaccinations (%)	36.0	N/A	61
Influenza vaccinations (%)	52.2	56.0	48
Diabetic eye exams (%)	79.4	75.2	20
Diabetic lipid profile (%)	88.6	87.1	29
Diabetic HbA1c testing (%)	89.1	90.1	57
Biennial mammography (%)	60.4	66.2	62
Health Behaviors			51
Cigarette smoking (%)	26.0	23.1	56
Smoking during pregnancy (%)	21.1	15.3	49
Physical inactivity (%)	57.5	54.4	49
Overweight and obesity (%)	26.5	21.4	49
Low fruit and vegetable consumption (% < 5 a day)	78.1	77.3	30
Binge drinking (%)	22.6	24.5	31
Teen birth rate (per 1,000)	30	34	47
Sexually transmitted disease (per 100,000)	109	440	14
Violent crime (per 100,000)	58	225	10
Motor vehicle crash deaths (per 100,000)	28	14	62
Socioeconomic Factors			38
High school graduation rate (%)	95.8	91.8	34
Level of education (% HS grads)	82.7	85.1	46
Income/Household poverty ratio	2.59	2.57	28
Divorce rate (%)	9.2	8.9	49
Physical Environment			61
Air quality cancer risk (incidence per 1,000,000)	26	43	37
Air quality hazard index	1.0	2.7	36
Air quality - fine particulate matter in air	9.2	N/A	4
Ozone level	71.0	N/A	4
Nitrate levels in water >2 (%)	25.0	N/A	57
Nitrate levels in water >10 (%)	2.5	N/A	55
Pre-1950 housing (%)	38.0	31.1	53
Lead poisoned children (% positive tests)	3.8	3.9	66

* For a detailed explanation of methods and measures used, please visit the University of Wisconsin Population Health Institute web site at www.pophealth.wisc.edu/uwphi

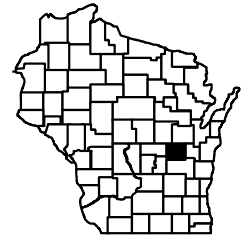
This information was revised on March 5, 2007. For questions, please contact the University of Wisconsin Population Health Institute. You can find contact information online at www.pophealth.wisc.edu/uwphi/research/mainRankingsPage.htm.



	County	Wisconsin	Rank
Health Outcomes			62
Mortality (YPLL)	8,056	6,359	65
General health status (% Fair or Poor Health)	14.8	12.1	58
Health Determinants			62
Health Care			51
No health insurance (%)	10.6	6.4	58
Did not receive needed health care (%)	2.9	2.2	61
No recent dentist visit (%)	50.6	45.4	45
Pneumococcal vaccinations (%)	45.8	N/A	31
Influenza vaccinations (%)	56.4	56.0	42
Diabetic eye exams (%)	76.8	75.2	42
Diabetic lipid profile (%)	87.7	87.1	35
Diabetic HbA1c testing (%)	89.9	90.1	49
Biennial mammography (%)	67.5	66.2	22
Health Behaviors			55
Cigarette smoking (%)	21.1	23.1	25
Smoking during pregnancy (%)	22.3	15.3	54
Physical inactivity (%)	63.9	54.4	61
Overweight and obesity (%)	28.9	21.4	61
Low fruit and vegetable consumption (% < 5 a day)	77.5	77.3	26
Binge drinking (%)	24.6	24.5	44
Teen birth rate (per 1,000)	42	34	62
Sexually transmitted disease (per 100,000)	454	440	67
Violent crime (per 100,000)	73	225	19
Motor vehicle crash deaths (per 100,000)	38	14	68
Socioeconomic Factors			60
High school graduation rate (%)	95.8	91.8	37
Level of education (% HS grads)	78.8	85.1	66
Income/Household poverty ratio	2.48	2.57	49
Divorce rate (%)	9.8	8.9	59
Physical Environment			27
Air quality cancer risk (incidence per 1,000,000)	24	43	25
Air quality hazard index	0.8	2.7	27
Air quality - fine particulate matter in air	9.2	N/A	4
Ozone level	71.0	N/A	4
Nitrate levels in water >2 (%)	15.6	N/A	47
Nitrate levels in water >10 (%)	2.1	N/A	51
Pre-1950 housing (%)	28.1	31.1	21
Lead poisoned children (% positive tests)	1.8	3.9	49

* For a detailed explanation of methods and measures used, please visit the University of Wisconsin Population Health Institute web site at www.pophealth.wisc.edu/uwphi

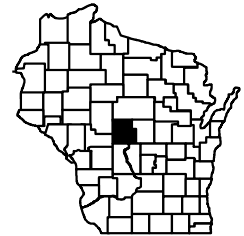
This information was revised on March 5, 2007. For questions, please contact the University of Wisconsin Population Health Institute. You can find contact information online at www.pophealth.wisc.edu/uwphi/research/mainRankingsPage.htm.



	County	Wisconsin	Rank
Health Outcomes			14
Mortality (YPLL)	5,401	6,359	13
General health status (% Fair or Poor Health)	11.4	12.1	25
Health Determinants			31
Health Care			14
No health insurance (%)	5.6	6.4	22
Did not receive needed health care (%)	1.9	2.2	37
No recent dentist visit (%)	41.3	45.4	12
Pneumococcal vaccinations (%)	50.2	N/A	11
Influenza vaccinations (%)	61.8	56.0	11
Diabetic eye exams (%)	75.8	75.2	52
Diabetic lipid profile (%)	89.5	87.1	18
Diabetic HbA1c testing (%)	90.6	90.1	41
Biennial mammography (%)	71.1	66.2	8
Health Behaviors			46
Cigarette smoking (%)	22.6	23.1	36
Smoking during pregnancy (%)	16.9	15.3	26
Physical inactivity (%)	55.2	54.4	43
Overweight and obesity (%)	22.5	21.4	43
Low fruit and vegetable consumption (% < 5 a day)	83.1	77.3	62
Binge drinking (%)	27.5	24.5	54
Teen birth rate (per 1,000)	23	34	22
Sexually transmitted disease (per 100,000)	248	440	51
Violent crime (per 100,000)	130	225	51
Motor vehicle crash deaths (per 100,000)	10	14	8
Socioeconomic Factors			33
High school graduation rate (%)	92.3	91.8	59
Level of education (% HS grads)	86.3	85.1	17
Income/Household poverty ratio	2.64	2.57	17
Divorce rate (%)	9.0	8.9	42
Physical Environment			58
Air quality cancer risk (incidence per 1,000,000)	50	43	68
Air quality hazard index	2.7	2.7	61
Air quality - fine particulate matter in air	10.8	N/A	56
Ozone level	82.0	N/A	58
Nitrate levels in water >2 (%)	1.1	N/A	19
Nitrate levels in water >10 (%)	1.1	N/A	32
Pre-1950 housing (%)	30.9	31.1	31
Lead poisoned children (% positive tests)	3.4	3.9	64

* For a detailed explanation of methods and measures used, please visit the University of Wisconsin Population Health Institute web site at www.pophealth.wisc.edu/uwphi

This information was revised on March 5, 2007. For questions, please contact the University of Wisconsin Population Health Institute. You can find contact information online at www.pophealth.wisc.edu/uwphi/research/mainRankingsPage.htm.



	County	Wisconsin	Rank
Health Outcomes			15
Mortality (YPLL)	5,119	6,359	7
General health status (% Fair or Poor Health)	11.9	12.1	33
Health Determinants			14
Health Care			1
No health insurance (%)	5.8	6.4	28
Did not receive needed health care (%)	0.9	2.2	12
No recent dentist visit (%)	43.2	45.4	20
Pneumococcal vaccinations (%)	53.2	N/A	5
Influenza vaccinations (%)	61.7	56.0	12
Diabetic eye exams (%)	84.6	75.2	2
Diabetic lipid profile (%)	88.2	87.1	31
Diabetic HbA1c testing (%)	93.1	90.1	14
Biennial mammography (%)	76.2	66.2	1
Health Behaviors			27
Cigarette smoking (%)	19.6	23.1	16
Smoking during pregnancy (%)	19.7	15.3	42
Physical inactivity (%)	57.0	54.4	47
Overweight and obesity (%)	21.9	21.4	47
Low fruit and vegetable consumption (% < 5 a day)	76.9	77.3	23
Binge drinking (%)	23.5	24.5	36
Teen birth rate (per 1,000)	29	34	40
Sexually transmitted disease (per 100,000)	188	440	39
Violent crime (per 100,000)	41	225	2
Motor vehicle crash deaths (per 100,000)	17	14	28
Socioeconomic Factors			23
High school graduation rate (%)	97.5	91.8	20
Level of education (% HS grads)	84.8	85.1	24
Income/Household poverty ratio	2.61	2.57	21
Divorce rate (%)	8.5	8.9	28
Physical Environment			33
Air quality cancer risk (incidence per 1,000,000)	36	43	53
Air quality hazard index	1.9	2.7	54
Air quality - fine particulate matter in air	10.3	N/A	51
Ozone level	71.0	N/A	4
Nitrate levels in water >2 (%)	28.7	N/A	63
Nitrate levels in water >10 (%)	0.6	N/A	23
Pre-1950 housing (%)	29.2	31.1	26
Lead poisoned children (% positive tests)	1.2	3.9	34

* For a detailed explanation of methods and measures used, please visit the University of Wisconsin Population Health Institute web site at www.pophealth.wisc.edu/uwphi