

Binge drinking

Sorted by Rank

Rank	County Name	Prevalence	Score
1	BURNETT	10.7%	-1.9
2	RUSK	10.8%	-1.9
3	SAWYER	11.6%	-1.8
4	FLORENCE	13.7%	-1.5
5	LANGLADE	14.3%	-1.4
6	WASHBURN	14.6%	-1.4
7	IRON	15.1%	-1.3
8	ONEIDA	15.6%	-1.2
9	WALWORTH	16.1%	-1.2
10	JUNEAU	16.1%	-1.2
11	POLK	18.4%	-0.8
12	CRAWFORD	19.2%	-0.7
13	OZAUKEE	19.9%	-0.6
14	WASHINGTON	20.0%	-0.6
15	PRICE	20.2%	-0.6
16	COLUMBIA	20.3%	-0.5
17	JACKSON	20.3%	-0.5
18	VERNON	20.5%	-0.5
19	MONROE	21.0%	-0.4
20	WAUKESHA	21.0%	-0.4
21	VILAS	21.1%	-0.4
22	MARQUETTE	21.1%	-0.4
23	RICHLAND	21.3%	-0.4
24	SHEBOYGAN	21.4%	-0.4
25	ROCK	21.6%	-0.4
26	GREEN	21.7%	-0.3
27	ASHLAND	21.9%	-0.3
28	CLARK	22.2%	-0.3
29	SAUK	22.2%	-0.3
30	DOOR	22.3%	-0.2
31	PIERCE	22.5%	-0.2
32	CHIPPEWA	22.5%	-0.2
33	IOWA	22.9%	-0.2
34	GREEN LAKE	23.0%	-0.1
35	WOOD	23.2%	-0.1
36	LAFAYETTE	23.2%	-0.1
37	DOUGLAS	23.4%	-0.1
38	ADAMS	23.5%	-0.1
39	MILWAUKEE	23.8%	0.0
40	WAUSHARA	24.0%	0.0
41	FOREST	24.5%	0.1
42	LINCOLN	24.5%	0.1
43	DODGE	24.8%	0.1
44	WAUPACA	24.9%	0.1
45	KENOSHA	25.0%	0.1
46	BAYFIELD	25.1%	0.2
47	BARRON	25.2%	0.2
48	FOND DU LAC	25.3%	0.2
49	MARINETTE	25.5%	0.2
50	RACINE	25.9%	0.3
51	DANE	26.3%	0.3
52	KEWAUNEE	26.4%	0.3
53	TREMPEALEAU	26.7%	0.4
54	EAU CLAIRE	27.0%	0.4
55	MARATHON	27.2%	0.5
56	MANITOWOC	27.7%	0.5
57	SHAWANO	28.5%	0.6
58	CALUMET	28.5%	0.7
59	WINNEBAGO	28.7%	0.7
60	PORTAGE	28.9%	0.7
61	GRANT	28.9%	0.7
62	JEFFERSON	29.0%	0.7
63	BUFFALO	29.6%	0.8
64	LA CROSSE	30.1%	0.9
65	BROWN	30.7%	1.0
66	DUNN	32.6%	1.2
67	OCONTO	32.6%	1.3
68	TAYLOR	32.6%	1.3
69	ST CROIX	32.7%	1.3
70	OUTAGAMIE	33.1%	1.3
71	MENOMINEE	50.5%	3.9
72	PEPIN	50.7%	3.9

Sorted by County Name

Rank	County Name	Prevalence	Score
38	ADAMS	23.5%	-0.1
27	ASHLAND	21.9%	-0.3
47	BARRON	25.2%	0.2
46	BAYFIELD	25.1%	0.2
65	BROWN	30.7%	1.0
63	BUFFALO	29.6%	0.8
1	BURNETT	10.7%	-1.9
58	CALUMET	28.5%	0.7
32	CHIPPEWA	22.5%	-0.2
28	CLARK	22.2%	-0.3
16	COLUMBIA	20.3%	-0.5
12	CRAWFORD	19.2%	-0.7
51	DANE	26.3%	0.3
43	DODGE	24.8%	0.1
30	DOOR	22.3%	-0.2
37	DOUGLAS	23.4%	-0.1
66	DUNN	32.6%	1.2
54	EAU CLAIRE	27.0%	0.4
4	FLORENCE	13.7%	-1.5
48	FOND DU LAC	25.3%	0.2
41	FOREST	24.5%	0.1
61	GRANT	28.9%	0.7
26	GREEN	21.7%	-0.3
34	GREEN LAKE	23.0%	-0.1
33	IOWA	22.9%	-0.2
7	IRON	15.1%	-1.3
17	JACKSON	20.3%	-0.5
62	JEFFERSON	29.0%	0.7
10	JUNEAU	16.1%	-1.2
45	KENOSHA	25.0%	0.1
52	KEWAUNEE	26.4%	0.3
64	LA CROSSE	30.1%	0.9
36	LAFAYETTE	23.2%	-0.1
5	LANGLADE	14.3%	-1.4
42	LINCOLN	24.5%	0.1
56	MANITOWOC	27.7%	0.5
55	MARATHON	27.2%	0.5
49	MARINETTE	25.5%	0.2
22	MARQUETTE	21.1%	-0.4
71	MENOMINEE	50.5%	3.9
39	MILWAUKEE	23.8%	0.0
19	MONROE	21.0%	-0.4
67	OCONTO	32.6%	1.3
8	ONEIDA	15.6%	-1.2
70	OUTAGAMIE	33.1%	1.3
13	OZAUKEE	19.9%	-0.6
72	PEPIN	50.7%	3.9
31	PIERCE	22.5%	-0.2
11	POLK	18.4%	-0.8
60	PORTAGE	28.9%	0.7
15	PRICE	20.2%	-0.6
50	RACINE	25.9%	0.3
23	RICHLAND	21.3%	-0.4
25	ROCK	21.6%	-0.4
2	RUSK	10.8%	-1.9
29	SAUK	22.2%	-0.3
3	SAWYER	11.6%	-1.8
57	SHAWANO	28.5%	0.6
24	SHEBOYGAN	21.4%	-0.4
69	ST CROIX	32.7%	1.3
68	TAYLOR	32.6%	1.3
53	TREMPEALEAU	26.7%	0.4
18	VERNON	20.5%	-0.5
21	VILAS	21.1%	-0.4
9	WALWORTH	16.1%	-1.2
6	WASHBURN	14.6%	-1.4
14	WASHINGTON	20.0%	-0.6
20	WAUKESHA	21.0%	-0.4
44	WAUPACA	24.9%	0.1
40	WAUSHARA	24.0%	0.0
59	WINNEBAGO	28.7%	0.7
35	WOOD	23.2%	-0.1

Wisconsin	24.7%
Mean of counties	24.0%
Standard deviation	6.9%

**Wisconsin County Health Rankings – 2004
Technical Notes**

Data element	Binge drinking
Description	This element measures the percentage of the population that drinks more than five alcoholic beverages in one day, at least once per month. This measure is based on telephone survey sample data.
Percent of total health determinants score	10.0%
Data source(s)	Behavioral Risk Factor Surveillance System (BRFSS)
Year(s) of data used	1997-2003
Calculations and other notes	* Score truncated for calculation of summary scores and ranks.

Median cancer risk due to air pollutants

Sorted by Rank

Rank	County Name	Risk / million	Score
1	BAYFIELD	21.2	-0.8
2	CRAWFORD	21.7	-0.8
3	BURNETT	21.9	-0.7
4	FLORENCE	22.0	-0.7
5	FOREST	22.1	-0.7
6	JACKSON	22.2	-0.7
6	MENOMINEE	22.2	-0.7
8	PRICE	22.3	-0.7
9	LAFAYETTE	22.5	-0.7
10	IRON	22.6	-0.7
11	WASHBURN	22.7	-0.7
12	RICHLAND	22.7	-0.7
12	RUSK	22.7	-0.7
14	ASHLAND	22.8	-0.7
14	BUFFALO	22.8	-0.7
14	IOWA	22.8	-0.7
17	VERNON	22.9	-0.7
18	TAYLOR	23.0	-0.6
19	MARINETTE	23.1	-0.6
20	CLARK	23.2	-0.6
20	GRANT	23.2	-0.6
20	PEPIN	23.2	-0.6
23	TREMPEALEAU	23.2	-0.6
24	MONROE	23.6	-0.6
25	OCONTO	23.6	-0.6
25	WAUSHARA	23.6	-0.6
27	DOOR	23.7	-0.6
28	SAWYER	23.8	-0.6
29	MARQUETTE	24.0	-0.6
30	ADAMS	24.3	-0.5
31	GREEN LAKE	24.4	-0.5
32	DUNN	24.5	-0.5
33	BARRON	24.7	-0.5
33	LINCOLN	24.7	-0.5
35	JUNEAU	25.3	-0.5
36	SHAWANO	25.5	-0.4
37	WAUPACA	25.6	-0.4
38	VILAS	25.9	-0.4
39	ONEIDA	26.1	-0.4
40	LANGLADE	26.2	-0.4
41	GREEN	26.9	-0.3
42	KEWAUNEE	27.0	-0.3
43	POLK	27.1	-0.3
44	PIERCE	27.4	-0.3
45	DODGE	27.6	-0.3
46	SAUK	28.0	-0.2
47	CHIPPEWA	28.4	-0.2
48	COLUMBIA	29.5	-0.1
49	CALUMET	30.1	-0.1
50	PORTAGE	30.4	-0.1
51	SHEBOYGAN	32.7	0.1
52	DOUGLAS	35.4	0.3
53	WOOD	35.5	0.4
54	LA CROSSE	36.7	0.5
55	FOND DU LAC	38.3	0.6
56	JEFFERSON	38.5	0.6
57	ST CROIX	38.8	0.6
57	WASHINGTON	38.8	0.6
59	MANITOWOC	39.8	0.7
60	WALWORTH	39.9	0.7
61	MARATHON	42.8	0.9
62	EAU CLAIRE	42.9	1.0
63	DANE	43.4	1.0
64	BROWN	47.4	1.3
65	OZAUKEE	48.7	1.4
66	RACINE	49.1	1.5
67	ROCK	49.7	1.5
68	WINNEBAGO	49.9	1.5
69	KENOSHA	51.7	1.7
70	WAUKESHA	54.8	1.9
71	OUTAGAMIE	71.4	3.2
72	MILWAUKEE	90.4	4.8

Sorted by County Name

Rank	County Name	Risk / million	Score
30	ADAMS	24.3	-0.5
14	ASHLAND	22.8	-0.7
33	BARRON	24.7	-0.5
1	BAYFIELD	21.2	-0.8
64	BROWN	47.4	1.3
14	BUFFALO	22.8	-0.7
3	BURNETT	21.9	-0.7
49	CALUMET	30.1	-0.1
47	CHIPPEWA	28.4	-0.2
20	CLARK	23.2	-0.6
48	COLUMBIA	29.5	-0.1
2	CRAWFORD	21.7	-0.8
63	DANE	43.4	1.0
45	DODGE	27.6	-0.3
27	DOOR	23.7	-0.6
52	DOUGLAS	35.4	0.3
32	DUNN	24.5	-0.5
62	EAU CLAIRE	42.9	1.0
4	FLORENCE	22.0	-0.7
55	FOND DU LAC	38.3	0.6
5	FOREST	22.1	-0.7
20	GRANT	23.2	-0.6
41	GREEN	26.9	-0.3
31	GREEN LAKE	24.4	-0.5
14	IOWA	22.8	-0.7
10	IRON	22.6	-0.7
6	JACKSON	22.2	-0.7
56	JEFFERSON	38.5	0.6
35	JUNEAU	25.3	-0.5
69	KENOSHA	51.7	1.7
42	KEWAUNEE	27.0	-0.3
54	LA CROSSE	36.7	0.5
9	LAFAYETTE	22.5	-0.7
40	LANGLADE	26.2	-0.4
33	LINCOLN	24.7	-0.5
59	MANITOWOC	39.8	0.7
61	MARATHON	42.8	0.9
19	MARINETTE	23.1	-0.6
29	MARQUETTE	24.0	-0.6
6	MENOMINEE	22.2	-0.7
72	MILWAUKEE	90.4	4.8
24	MONROE	23.6	-0.6
25	OCONTO	23.6	-0.6
39	ONEIDA	26.1	-0.4
71	OUTAGAMIE	71.4	3.2
65	OZAUKEE	48.7	1.4
20	PEPIN	23.2	-0.6
44	PIERCE	27.4	-0.3
43	POLK	27.1	-0.3
50	PORTAGE	30.4	-0.1
8	PRICE	22.3	-0.7
66	RACINE	49.1	1.5
12	RICHLAND	22.7	-0.7
67	ROCK	49.7	1.5
12	RUSK	22.7	-0.7
46	SAUK	28.0	-0.2
28	SAWYER	23.8	-0.6
36	SHAWANO	25.5	-0.4
51	SHEBOYGAN	32.7	0.1
57	ST CROIX	38.8	0.6
18	TAYLOR	23.0	-0.6
23	TREMPEALEAU	23.2	-0.6
17	VERNON	22.9	-0.7
38	VILAS	25.9	-0.4
60	WALWORTH	39.9	0.7
11	WASHBURN	22.7	-0.7
57	WASHINGTON	38.8	0.6
70	WAUKESHA	54.8	1.9
37	WAUPACA	25.6	-0.4
25	WAUSHARA	23.6	-0.6
68	WINNEBAGO	49.9	1.5
53	WOOD	35.5	0.4

Wisconsin	43.3
Mean of counties	31.1
Standard deviation	12.4

**Wisconsin County Health Rankings – 2004
Technical Notes**

Data element	Cancer risk due to inhalation of air pollutants
Description	This element measures the lifetime cancer risk due to inhalation of air pollutants based on EPA modeling of emissions.
Percent of total health determinants score	0.83%
Data source(s)	National Air Toxics Assessment, U. S. Environmental Protection Agency Online: http://www.epa.gov/ttn/atw/nata/
Year(s) of data used	1996
Calculations and other notes	Lifetime cancer risk is reported as “N” in a million likely cases due to a lifetime (70 years) of continuous exposure. The median value for each county was used. * Score truncated for calculation of summary scores and ranks.

Cigarette smoking

Sorted by Rank

Rank	County Name	Prevalence	Score
1	BUFFALO	10.3%	-2.5
2	FLORENCE	13.9%	-1.8
3	RUSK	15.4%	-1.6
4	IRON	15.5%	-1.6
5	IOWA	15.5%	-1.6
6	OZAUKEE	15.7%	-1.5
7	BAYFIELD	15.8%	-1.5
8	TREMPEALEAU	16.0%	-1.5
9	WASHINGTON	17.5%	-1.2
10	VERNON	17.6%	-1.2
11	DANE	18.3%	-1.0
12	KEWAUNEE	18.5%	-1.0
13	WAUKESHA	18.6%	-1.0
14	ST CROIX	18.7%	-0.9
15	RICHLAND	19.3%	-0.8
16	SHAWANO	19.7%	-0.8
17	WOOD	20.0%	-0.7
18	CHIPPEWA	20.2%	-0.7
19	CALUMET	20.3%	-0.6
20	WASHBURN	20.9%	-0.5
21	SAUK	21.0%	-0.5
22	MARINETTE	21.0%	-0.5
23	MARATHON	21.1%	-0.5
24	DODGE	21.1%	-0.5
25	WAUSHARA	21.2%	-0.5
26	BROWN	22.5%	-0.2
27	COLUMBIA	22.8%	-0.2
28	EAU CLAIRE	22.9%	-0.1
29	PORTAGE	22.9%	-0.1
30	OCONTO	23.1%	-0.1
31	PIERCE	23.2%	-0.1
32	FOREST	23.2%	-0.1
33	GREEN	23.7%	0.0
34	WALWORTH	23.8%	0.0
35	OUTAGAMIE	23.8%	0.0
36	SHEBOYGAN	23.9%	0.0
37	PRICE	24.3%	0.1
38	SAWYER	24.3%	0.1
39	WAUPACA	24.4%	0.1
40	PEPIN	24.6%	0.2
41	ROCK	24.7%	0.2
42	GRANT	24.8%	0.2
43	WINNEBAGO	24.9%	0.2
44	VILAS	24.9%	0.2
45	MARQUETTE	25.0%	0.3
46	JUNEAU	25.3%	0.3
47	DOOR	25.3%	0.3
48	MANITOWOC	25.6%	0.4
49	FOND DU LAC	25.8%	0.4
50	JACKSON	25.8%	0.4
51	CLARK	25.8%	0.4
52	LANGLADE	25.8%	0.4
53	ONEIDA	26.2%	0.5
54	POLK	26.2%	0.5
55	ADAMS	26.4%	0.5
56	TAYLOR	26.6%	0.6
57	MILWAUKEE	26.6%	0.6
58	JEFFERSON	26.7%	0.6
59	LINCOLN	26.7%	0.6
60	BARRON	27.0%	0.6
61	BURNETT	27.1%	0.7
62	RACINE	28.4%	0.9
63	LA CROSSE	28.4%	0.9
64	ASHLAND	28.5%	0.9
65	DOUGLAS	30.6%	1.3
66	DUNN	31.7%	1.5
67	KENOSHA	31.8%	1.6
68	GREEN LAKE	32.0%	1.6
69	MONROE	33.0%	1.8
70	LAFAYETTE	33.1%	1.8
71	CRAWFORD	34.2%	2.0
72	MENOMINEE	41.1%	3.3

Sorted by County Name

Rank	County Name	Prevalence	Score
55	ADAMS	26.4%	0.5
64	ASHLAND	28.5%	0.9
60	BARRON	27.0%	0.6
7	BAYFIELD	15.8%	-1.5
26	BROWN	22.5%	-0.2
1	BUFFALO	10.3%	-2.5
61	BURNETT	27.1%	0.7
19	CALUMET	20.3%	-0.6
18	CHIPPEWA	20.2%	-0.7
51	CLARK	25.8%	0.4
27	COLUMBIA	22.8%	-0.2
71	CRAWFORD	34.2%	2.0
11	DANE	18.3%	-1.0
24	DODGE	21.1%	-0.5
47	DOOR	25.3%	0.3
65	DOUGLAS	30.6%	1.3
66	DUNN	31.7%	1.5
28	EAU CLAIRE	22.9%	-0.1
2	FLORENCE	13.9%	-1.8
49	FOND DU LAC	25.8%	0.4
32	FOREST	23.2%	-0.1
42	GRANT	24.8%	0.2
33	GREEN	23.7%	0.0
68	GREEN LAKE	32.0%	1.6
5	IOWA	15.5%	-1.6
4	IRON	15.5%	-1.6
50	JACKSON	25.8%	0.4
58	JEFFERSON	26.7%	0.6
46	JUNEAU	25.3%	0.3
67	KENOSHA	31.8%	1.6
12	KEWAUNEE	18.5%	-1.0
63	LA CROSSE	28.4%	0.9
70	LAFAYETTE	33.1%	1.8
52	LANGLADE	25.8%	0.4
59	LINCOLN	26.7%	0.6
48	MANITOWOC	25.6%	0.4
23	MARATHON	21.1%	-0.5
22	MARINETTE	21.0%	-0.5
45	MARQUETTE	25.0%	0.3
72	MENOMINEE	41.1%	3.3
57	MILWAUKEE	26.6%	0.6
69	MONROE	33.0%	1.8
30	OCONTO	23.1%	-0.1
53	ONEIDA	26.2%	0.5
35	OUTAGAMIE	23.8%	0.0
6	OZAUKEE	15.7%	-1.5
40	PEPIN	24.6%	0.2
31	PIERCE	23.2%	-0.1
54	POLK	26.2%	0.5
29	PORTAGE	22.9%	-0.1
37	PRICE	24.3%	0.1
62	RACINE	28.4%	0.9
15	RICHLAND	19.3%	-0.8
41	ROCK	24.7%	0.2
3	RUSK	15.4%	-1.6
21	SAUK	21.0%	-0.5
38	SAWYER	24.3%	0.1
16	SHAWANO	19.7%	-0.8
36	SHEBOYGAN	23.9%	0.0
14	ST CROIX	18.7%	-0.9
56	TAYLOR	26.6%	0.6
8	TREMPEALEAU	16.0%	-1.5
10	VERNON	17.6%	-1.2
44	VILAS	24.9%	0.2
34	WALWORTH	23.8%	0.0
20	WASHBURN	20.9%	-0.5
9	WASHINGTON	17.5%	-1.2
13	WAUKESHA	18.6%	-1.0
39	WAUPACA	24.4%	0.1
25	WAUSHARA	21.2%	-0.5
43	WINNEBAGO	24.9%	0.2
17	WOOD	20.0%	-0.7

Wisconsin	23.3%
Mean of counties	23.6%
Standard deviation	5.2%

**Wisconsin County Health Rankings – 2004
Technical Notes**

Data element	Cigarette smoking
Description	This element measures the percentage of the population that reports themselves to be current smokers or current occasional smokers. This measure is based on telephone survey sample data.
Percent of total health determinants score	6.0%
Data source(s)	Behavioral Risk Factor Surveillance System (BRFSS) Aurora Health Care, <i>Community Health Assessments</i>
Year(s) of data used	1997-2003 (BRFSS) 2003 (Aurora)
Calculations and other notes	<p>Aurora data were incorporated in the 13 counties for which data were available. The final estimates for these counties were weighted based on the BRFSS and Aurora sample sizes. These counties were: Brown, Door, Fond du Lac, Kenosha, Kewaunee, Manitowoc, Marinette, Oconto, Ozaukee, Sheboygan, Walworth, Washington, and Waukesha.</p> <p>* Score truncated for calculation of summary scores and ranks.</p>

Divorce rate (percent of population divorced)

Sorted by Rank

Rank	County Name	Percent	Score
1	KEWAUNEE	6.5%	-1.9
2	GRANT	6.5%	-1.9
3	CLARK	6.7%	-1.7
4	CALUMET	6.8%	-1.6
5	PIERCE	6.9%	-1.5
6	PEPIN	6.9%	-1.5
7	OZAUKEE	7.0%	-1.4
8	PORTAGE	7.1%	-1.4
9	WAUKESHA	7.1%	-1.4
10	DUNN	7.4%	-1.1
11	WASHINGTON	7.4%	-1.1
12	LAFAYETTE	7.4%	-1.1
13	TAYLOR	7.5%	-1.0
14	DODGE	7.6%	-0.9
15	VERNON	7.7%	-0.9
16	FOND DU LAC	7.7%	-0.9
17	SHAWANO	7.7%	-0.8
18	GREEN LAKE	7.8%	-0.8
19	BUFFALO	7.8%	-0.8
20	MARATHON	7.8%	-0.8
21	MANITOWOC	7.8%	-0.7
22	OUTAGAMIE	7.9%	-0.7
23	SHEBOYGAN	8.0%	-0.6
24	ST CROIX	8.1%	-0.5
25	LINCOLN	8.3%	-0.4
26	EAU CLAIRE	8.3%	-0.4
27	LA CROSSE	8.3%	-0.3
28	WOOD	8.5%	-0.2
29	WALWORTH	8.5%	-0.2
30	JEFFERSON	8.6%	-0.1
31	DOOR	8.6%	-0.1
32	IOWA	8.6%	-0.1
33	RICHLAND	8.6%	-0.1
34	COLUMBIA	8.6%	-0.1
35	PRICE	8.6%	-0.1
36	OCONTO	8.7%	0.0
37	TREMPEALEAU	8.7%	0.0
38	CHIPPEWA	8.7%	0.0
39	GREEN	8.7%	0.0
40	FOREST	8.9%	0.2
41	DANE	8.9%	0.2
42	WINNEBAGO	9.0%	0.2
43	ASHLAND	9.0%	0.2
44	RUSK	9.0%	0.2
45	CRAWFORD	9.0%	0.2
46	MARINETTE	9.0%	0.3
47	JACKSON	9.1%	0.3
48	BROWN	9.1%	0.3
49	WAUPACA	9.2%	0.4
50	SAUK	9.3%	0.5
51	BARRON	9.3%	0.5
52	LANGLADE	9.3%	0.5
53	MONROE	9.3%	0.5
54	POLK	9.5%	0.7
55	RACINE	9.6%	0.7
56	MARQUETTE	9.6%	0.7
57	WASHBURN	9.8%	0.9
58	IRON	9.8%	0.9
59	WAUSHARA	9.8%	0.9
60	VILAS	9.9%	1.0
61	KENOSHA	10.2%	1.3
62	ONEIDA	10.3%	1.3
63	SAWYER	10.4%	1.4
64	BURNETT	10.4%	1.4
65	MILWAUKEE	10.5%	1.5
66	BAYFIELD	10.6%	1.6
67	JUNEAU	10.6%	1.6
68	ADAMS	10.6%	1.6
69	ROCK	10.7%	1.6
70	FLORENCE	10.9%	1.8
71	DOUGLAS	11.0%	1.9
72	MENOMINEE	11.1%	2.0

Sorted by County Name

Rank	County Name	Percent	Score
68	ADAMS	10.6%	1.6
43	ASHLAND	9.0%	0.2
51	BARRON	9.3%	0.5
66	BAYFIELD	10.6%	1.6
48	BROWN	9.1%	0.3
19	BUFFALO	7.8%	-0.8
64	BURNETT	10.4%	1.4
4	CALUMET	6.8%	-1.6
38	CHIPPEWA	8.7%	0.0
3	CLARK	6.7%	-1.7
34	COLUMBIA	8.6%	-0.1
45	CRAWFORD	9.0%	0.2
41	DANE	8.9%	0.2
14	DODGE	7.6%	-0.9
31	DOOR	8.6%	-0.1
71	DOUGLAS	11.0%	1.9
10	DUNN	7.4%	-1.1
26	EAU CLAIRE	8.3%	-0.4
70	FLORENCE	10.9%	1.8
16	FOND DU LAC	7.7%	-0.9
40	FOREST	8.9%	0.2
2	GRANT	6.5%	-1.9
39	GREEN	8.7%	0.0
18	GREEN LAKE	7.8%	-0.8
32	IOWA	8.6%	-0.1
58	IRON	9.8%	0.9
47	JACKSON	9.1%	0.3
30	JEFFERSON	8.6%	-0.1
67	JUNEAU	10.6%	1.6
61	KENOSHA	10.2%	1.3
1	KEWAUNEE	6.5%	-1.9
27	LA CROSSE	8.3%	-0.3
12	LAFAYETTE	7.4%	-1.1
52	LANGLADE	9.3%	0.5
25	LINCOLN	8.3%	-0.4
21	MANITOWOC	7.8%	-0.7
20	MARATHON	7.8%	-0.8
46	MARINETTE	9.0%	0.3
56	MARQUETTE	9.6%	0.7
72	MENOMINEE	11.1%	2.0
65	MILWAUKEE	10.5%	1.5
53	MONROE	9.3%	0.5
36	OCONTO	8.7%	0.0
62	ONEIDA	10.3%	1.3
22	OUTAGAMIE	7.9%	-0.7
7	OZAUKEE	7.0%	-1.4
6	PEPIN	6.9%	-1.5
5	PIERCE	6.9%	-1.5
54	POLK	9.5%	0.7
8	PORTAGE	7.1%	-1.4
35	PRICE	8.6%	-0.1
55	RACINE	9.6%	0.7
33	RICHLAND	8.6%	-0.1
69	ROCK	10.7%	1.6
44	RUSK	9.0%	0.2
50	SAUK	9.3%	0.5
63	SAWYER	10.4%	1.4
17	SHAWANO	7.7%	-0.8
23	SHEBOYGAN	8.0%	-0.6
24	ST CROIX	8.1%	-0.5
13	TAYLOR	7.5%	-1.0
37	TREMPEALEAU	8.7%	0.0
15	VERNON	7.7%	-0.9
60	VILAS	9.9%	1.0
29	WALWORTH	8.5%	-0.2
57	WASHBURN	9.8%	0.9
11	WASHINGTON	7.4%	-1.1
9	WAUKESHA	7.1%	-1.4
49	WAUPACA	9.2%	0.4
59	WAUSHARA	9.8%	0.9
42	WINNEBAGO	9.0%	0.2
28	WOOD	8.5%	-0.2

Wisconsin	8.9%
Mean of counties	8.7%
Standard deviation	1.2%

**Wisconsin County Health Rankings – 2004
Technical Notes**

Data element	Divorce rate
Description	This element measures the percentage of adults in the population who report themselves to be divorced.
Percent of total health determinants score	13.3%
Data source(s)	United States Decennial Census Online: http://www.census.gov/
Year(s) of data used	2000
Calculations and other notes	We are continuing to look into the use of this measure in the rankings compared to a measure of the occurrence of new divorces in a county.

Population with at least a high school education

Sorted by Rank

Rank	County Name	Percent	Score
1	DANE	92.2%	-2.3
2	WAUKESHA	92.0%	-2.2
3	OZAUKEE	91.9%	-2.2
4	ST CROIX	91.6%	-2.1
5	LA CROSSE	89.7%	-1.6
6	PIERCE	89.6%	-1.6
7	EAU CLAIRE	88.9%	-1.4
8	WASHINGTON	88.8%	-1.3
9	IOWA	88.5%	-1.3
10	OUTAGAMIE	88.1%	-1.2
11	DOOR	87.8%	-1.1
12	CALUMET	87.3%	-1.0
13	BAYFIELD	86.9%	-0.9
14	DUNN	86.6%	-0.8
15	PORTAGE	86.5%	-0.7
16	BROWN	86.3%	-0.7
17	WINNEBAGO	86.3%	-0.7
18	COLUMBIA	86.2%	-0.6
19	POLK	85.9%	-0.6
20	DOUGLAS	85.9%	-0.6
21	LAFAYETTE	85.5%	-0.5
22	VILAS	85.4%	-0.4
23	ONEIDA	85.1%	-0.3
24	WOOD	84.8%	-0.2
25	SAWYER	84.7%	-0.2
26	JEFFERSON	84.7%	-0.2
27	MANITOWOC	84.6%	-0.2
28	SHEBOYGAN	84.4%	-0.2
29	CHIPPEWA	84.3%	-0.1
30	FOND DU LAC	84.2%	-0.1
31	WALWORTH	84.2%	-0.1
32	BUFFALO	84.1%	-0.1
33	GREEN	84.1%	-0.1
34	ASHLAND	84.1%	-0.1
35	KEWAUNEE	84.0%	0.0
36	ROCK	83.9%	0.0
37	MARATHON	83.8%	0.0
38	WASHBURN	83.7%	0.0
39	FLORENCE	83.7%	0.0
40	IRON	83.7%	0.0
41	KENOSHA	83.5%	0.1
42	SAUK	83.5%	0.1
43	GRANT	83.5%	0.1
44	RACINE	82.9%	0.3
45	BURNETT	82.8%	0.3
46	WAUPACA	82.7%	0.3
47	PEPIN	82.6%	0.3
48	MARINETTE	82.5%	0.4
49	PRICE	82.4%	0.4
50	BARRON	82.4%	0.4
51	DODGE	82.3%	0.4
52	RICHLAND	82.1%	0.5
53	GREEN LAKE	81.9%	0.5
54	LINCOLN	81.6%	0.6
55	SHAWANO	81.5%	0.7
56	CRAWFORD	81.3%	0.7
57	MONROE	81.1%	0.8
58	TREMPEALEAU	80.9%	0.8
59	LANGLADE	80.9%	0.8
60	OCONTO	80.6%	0.9
61	MILWAUKEE	80.2%	1.0
62	RUSK	79.1%	1.3
63	JACKSON	79.0%	1.3
64	VERNON	78.9%	1.4
65	MARQUETTE	78.8%	1.4
66	WAUSHARA	78.8%	1.4
67	FOREST	78.5%	1.5
68	JUNEAU	78.5%	1.5
69	TAYLOR	78.3%	1.5
70	MENOMINEE	78.2%	1.5
71	ADAMS	76.7%	2.0
72	CLARK	75.4%	2.3

Sorted by County Name

Rank	County Name	Percent	Score
71	ADAMS	76.7%	2.0
34	ASHLAND	84.1%	-0.1
50	BARRON	82.4%	0.4
13	BAYFIELD	86.9%	-0.9
16	BROWN	86.3%	-0.7
32	BUFFALO	84.1%	-0.1
45	BURNETT	82.8%	0.3
12	CALUMET	87.3%	-1.0
29	CHIPPEWA	84.3%	-0.1
72	CLARK	75.4%	2.3
18	COLUMBIA	86.2%	-0.6
56	CRAWFORD	81.3%	0.7
1	DANE	92.2%	-2.3
51	DODGE	82.3%	0.4
11	DOOR	87.8%	-1.1
20	DOUGLAS	85.9%	-0.6
14	DUNN	86.6%	-0.8
7	EAU CLAIRE	88.9%	-1.4
39	FLORENCE	83.7%	0.0
30	FOND DU LAC	84.2%	-0.1
67	FOREST	78.5%	1.5
43	GRANT	83.5%	0.1
33	GREEN	84.1%	-0.1
53	GREEN LAKE	81.9%	0.5
9	IOWA	88.5%	-1.3
40	IRON	83.7%	0.0
63	JACKSON	79.0%	1.3
26	JEFFERSON	84.7%	-0.2
68	JUNEAU	78.5%	1.5
41	KENOSHA	83.5%	0.1
35	KEWAUNEE	84.0%	0.0
5	LA CROSSE	89.7%	-1.6
21	LAFAYETTE	85.5%	-0.5
59	LANGLADE	80.9%	0.8
54	LINCOLN	81.6%	0.6
27	MANITOWOC	84.6%	-0.2
37	MARATHON	83.8%	0.0
48	MARINETTE	82.5%	0.4
65	MARQUETTE	78.8%	1.4
70	MENOMINEE	78.2%	1.5
61	MILWAUKEE	80.2%	1.0
57	MONROE	81.1%	0.8
60	OCONTO	80.6%	0.9
23	ONEIDA	85.1%	-0.3
10	OUTAGAMIE	88.1%	-1.2
3	OZAUKEE	91.9%	-2.2
47	PEPIN	82.6%	0.3
6	PIERCE	89.6%	-1.6
19	POLK	85.9%	-0.6
15	PORTAGE	86.5%	-0.7
49	PRICE	82.4%	0.4
44	RACINE	82.9%	0.3
52	RICHLAND	82.1%	0.5
36	ROCK	83.9%	0.0
62	RUSK	79.1%	1.3
42	SAUK	83.5%	0.1
25	SAWYER	84.7%	-0.2
55	SHAWANO	81.5%	0.7
28	SHEBOYGAN	84.4%	-0.2
4	ST CROIX	91.6%	-2.1
69	TAYLOR	78.3%	1.5
58	TREMPEALEAU	80.9%	0.8
64	VERNON	78.9%	1.4
22	VILAS	85.4%	-0.4
31	WALWORTH	84.2%	-0.1
38	WASHBURN	83.7%	0.0
8	WASHINGTON	88.8%	-1.3
2	WAUKESHA	92.0%	-2.2
46	WAUPACA	82.7%	0.3
66	WAUSHARA	78.8%	1.4
17	WINNEBAGO	86.3%	-0.7
24	WOOD	84.8%	-0.2

Wisconsin	85.1%
Mean of counties	83.8%
Standard deviation	3.6%

**Wisconsin County Health Rankings – 2004
Technical Notes**

Data element	Level of education
Description	This element measures the percentage of the population over age 25 that has graduated from high school.
Percent of total health determinants score	6.7%
Data source(s)	United States Decennial Census Online: http://www.census.gov/
Year(s) of data used	2000
Calculations and other notes	

Fine particulate matter (<2.5 micrometers)

Sorted by Rank

Rank	County Name	3yr value	Score
1	VILAS	6.6	-2.6
2	DOOR	7.6	-1.8
3	DOUGLAS	8.0	-1.5
4	ADAMS	9.2	-0.5
4	ASHLAND	9.2	-0.5
4	BARRON	9.2	-0.5
4	BAYFIELD	9.2	-0.5
4	BUFFALO	9.2	-0.5
4	BURNETT	9.2	-0.5
4	CHIPPEWA	9.2	-0.5
4	CLARK	9.2	-0.5
4	CRAWFORD	9.2	-0.5
4	DUNN	9.2	-0.5
4	EAU CLAIRE	9.2	-0.5
4	FLORENCE	9.2	-0.5
4	FOREST	9.2	-0.5
4	GREEN LAKE	9.2	-0.5
4	IOWA	9.2	-0.5
4	IRON	9.2	-0.5
4	JACKSON	9.2	-0.5
4	JUNEAU	9.2	-0.5
4	LA CROSSE	9.2	-0.5
4	LAFAYETTE	9.2	-0.5
4	LANGLADE	9.2	-0.5
4	LINCOLN	9.2	-0.5
4	MARATHON	9.2	-0.5
4	MARINETTE	9.2	-0.5
4	MARQUETTE	9.2	-0.5
4	MENOMINEE	9.2	-0.5
4	MONROE	9.2	-0.5
4	OCONTO	9.2	-0.5
4	ONEIDA	9.2	-0.5
4	PEPIN	9.2	-0.5
4	PIERCE	9.2	-0.5
4	POLK	9.2	-0.5
4	PORTAGE	9.2	-0.5
4	PRICE	9.2	-0.5
4	RICHLAND	9.2	-0.5
4	RUSK	9.2	-0.5
4	SAUK	9.2	-0.5
4	SAWYER	9.2	-0.5
4	SHAWANO	9.2	-0.5
4	TAYLOR	9.2	-0.5
4	TREMPEALEAU	9.2	-0.5
4	VERNON	9.2	-0.5
4	WASHBURN	9.2	-0.5
4	WAUPACA	9.2	-0.5
4	WAUSHARA	9.2	-0.5
49	MANITOWOC	9.9	0.0
49	ST CROIX	9.9	0.0
51	WOOD	10.3	0.3
52	KEWAUNEE	10.7	0.6
52	RACINE	10.7	0.6
52	SHEBOYGAN	10.7	0.6
55	OUTAGAMIE	10.7	0.7
56	WINNEBAGO	10.8	0.7
57	DODGE	11.1	1.0
58	BROWN	11.3	1.1
58	OZAUKEE	11.3	1.1
60	GRANT	11.4	1.2
61	KENOSHA	11.5	1.3
62	CALUMET	11.8	1.5
62	COLUMBIA	11.8	1.5
62	FOND DU LAC	11.8	1.5
62	GREEN	11.8	1.5
62	WALWORTH	11.8	1.5
62	WASHINGTON	11.8	1.5
68	JEFFERSON	11.8	1.5
69	DANE	12.5	2.1
70	ROCK	12.7	2.3
71	MILWAUKEE	13.0	2.5
72	WAUKESHA	13.1	2.6

Sorted by County Name

Rank	County Name	3yr value	Score
4	ADAMS	9.2	-0.5
4	ASHLAND	9.2	-0.5
4	BARRON	9.2	-0.5
4	BAYFIELD	9.2	-0.5
58	BROWN	11.3	1.1
4	BUFFALO	9.2	-0.5
4	BURNETT	9.2	-0.5
62	CALUMET	11.8	1.5
4	CHIPPEWA	9.2	-0.5
4	CLARK	9.2	-0.5
62	COLUMBIA	11.8	1.5
4	CRAWFORD	9.2	-0.5
69	DANE	12.5	2.1
57	DODGE	11.1	1.0
2	DOOR	7.6	-1.8
3	DOUGLAS	8.0	-1.5
4	DUNN	9.2	-0.5
4	EAU CLAIRE	9.2	-0.5
4	FLORENCE	9.2	-0.5
62	FOND DU LAC	11.8	1.5
4	FOREST	9.2	-0.5
60	GRANT	11.4	1.2
62	GREEN	11.8	1.5
4	GREEN LAKE	9.2	-0.5
4	IOWA	9.2	-0.5
4	IRON	9.2	-0.5
4	JACKSON	9.2	-0.5
68	JEFFERSON	11.8	1.5
4	JUNEAU	9.2	-0.5
61	KENOSHA	11.5	1.3
52	KEWAUNEE	10.7	0.6
4	LA CROSSE	9.2	-0.5
4	LAFAYETTE	9.2	-0.5
4	LANGLADE	9.2	-0.5
4	LINCOLN	9.2	-0.5
49	MANITOWOC	9.9	0.0
4	MARATHON	9.2	-0.5
4	MARINETTE	9.2	-0.5
4	MARQUETTE	9.2	-0.5
4	MENOMINEE	9.2	-0.5
71	MILWAUKEE	13.0	2.5
4	MONROE	9.2	-0.5
4	OCONTO	9.2	-0.5
4	ONEIDA	9.2	-0.5
55	OUTAGAMIE	10.7	0.7
58	OZAUKEE	11.3	1.1
4	PEPIN	9.2	-0.5
4	PIERCE	9.2	-0.5
4	POLK	9.2	-0.5
4	PORTAGE	9.2	-0.5
4	PRICE	9.2	-0.5
52	RACINE	10.7	0.6
4	RICHLAND	9.2	-0.5
70	ROCK	12.7	2.3
4	RUSK	9.2	-0.5
4	SAUK	9.2	-0.5
4	SAWYER	9.2	-0.5
4	SHAWANO	9.2	-0.5
52	SHEBOYGAN	10.7	0.6
49	ST CROIX	9.9	0.0
4	TAYLOR	9.2	-0.5
4	TREMPEALEAU	9.2	-0.5
4	VERNON	9.2	-0.5
1	VILAS	6.6	-2.6
62	WALWORTH	11.8	1.5
4	WASHBURN	9.2	-0.5
62	WASHINGTON	11.8	1.5
72	WAUKESHA	13.1	2.6
4	WAUPACA	9.2	-0.5
4	WAUSHARA	9.2	-0.5
56	WINNEBAGO	10.8	0.7
51	WOOD	10.3	0.3

Wisconsin	N/A
Mean of counties	9.9
Standard deviation	1.2

**Wisconsin County Health Rankings – 2004
Technical Notes**

Data element	Fine particulate matter (< 2.5 micrometers; PM2.5)
Description	This element measures the amount of fine particulate matter in the air at monitoring sites throughout the state. Fine particulate matter has been linked to a variety of human health problems.
Percent of total health determinants score	0.83%
Data source(s)	Bureau of Air Management, Division of Air and Waste, Wisconsin Department of Natural Resources
Year(s) of data used	2000-2003
Calculations and other notes	<p>Three years of annual PM2.5 values 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, an 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.</p> <p>** Estimated value</p>

Health Behavior Determinants

Sorted by Rank

Rank	County Name	Score
1	OZAUKEE	-1.07
2	IRON	-0.96
3	WAUKESHA	-0.89
4	WASHINGTON	-0.74
5	DANE	-0.63
6	FLORENCE	-0.50
7	IOWA	-0.49
8	BAYFIELD	-0.49
9	VERNON	-0.44
10	WALWORTH	-0.43
11	PIERCE	-0.43
12	CALUMET	-0.42
13	BUFFALO	-0.41
14	RUSK	-0.35
15	ONEIDA	-0.33
16	SAWYER	-0.31
17	EAU CLAIRE	-0.31
18	RICHLAND	-0.30
19	PRICE	-0.30
20	GREEN	-0.28
21	CHIPPEWA	-0.27
22	POLK	-0.24
23	COLUMBIA	-0.22
24	SHEBOYGAN	-0.22
25	WOOD	-0.16
26	MARATHON	-0.14
27	KEWAUNEE	-0.14
28	ST CROIX	-0.13
29	SAUK	-0.11
30	ROCK	-0.09
31	DOOR	-0.07
32	OUTAGAMIE	-0.06
33	CLARK	-0.03
34	BARRON	-0.02
35	LA CROSSE	-0.02
36	LANGLADE	-0.01
37	BROWN	-0.01
38	VILAS	0.01
39	BURNETT	0.01
40	WASHBURN	0.01
41	LAFAYETTE	0.02
42	FOND DU LAC	0.02
43	MILWAUKEE	0.03
44	MARINETTE	0.05
45	DODGE	0.07
46	WINNEBAGO	0.08
47	JACKSON	0.09
48	SHAWANO	0.10
49	PORTAGE	0.10
50	LINCOLN	0.10
51	KENOSHA	0.14
52	GRANT	0.14
53	RACINE	0.15
54	TREMPEALEAU	0.15
55	GREEN LAKE	0.17
56	WAUPACA	0.18
57	JUNEAU	0.20
58	DUNN	0.21
59	WAUSHARA	0.25
60	MANITOWOC	0.29
61	DOUGLAS	0.33
62	MONROE	0.33
63	ASHLAND	0.38
64	CRAWFORD	0.40
65	MARQUETTE	0.48
66	JEFFERSON	0.48
67	PEPIN	0.52
68	ADAMS	0.56
69	FOREST	0.60
70	OCONTO	0.60
71	TAYLOR	0.81
72	MENOMINEE	2.75

Sorted by County Name

Rank	County Name	Score
68	ADAMS	0.56
63	ASHLAND	0.38
34	BARRON	-0.02
8	BAYFIELD	-0.49
37	BROWN	-0.01
13	BUFFALO	-0.41
39	BURNETT	0.01
12	CALUMET	-0.42
21	CHIPPEWA	-0.27
33	CLARK	-0.03
23	COLUMBIA	-0.22
64	CRAWFORD	0.40
5	DANE	-0.63
45	DODGE	0.07
31	DOOR	-0.07
61	DOUGLAS	0.33
58	DUNN	0.21
17	EAU CLAIRE	-0.31
6	FLORENCE	-0.50
42	FOND DU LAC	0.02
69	FOREST	0.60
52	GRANT	0.14
20	GREEN	-0.28
55	GREEN LAKE	0.17
7	IOWA	-0.49
2	IRON	-0.96
47	JACKSON	0.09
66	JEFFERSON	0.48
57	JUNEAU	0.20
51	KENOSHA	0.14
27	KEWAUNEE	-0.14
35	LA CROSSE	-0.02
41	LAFAYETTE	0.02
36	LANGLADE	-0.01
50	LINCOLN	0.10
60	MANITOWOC	0.29
26	MARATHON	-0.14
44	MARINETTE	0.05
65	MARQUETTE	0.48
72	MENOMINEE	2.75
43	MILWAUKEE	0.03
62	MONROE	0.33
70	OCONTO	0.60
15	ONEIDA	-0.33
32	OUTAGAMIE	-0.06
1	OZAUKEE	-1.07
67	PEPIN	0.52
11	PIERCE	-0.43
22	POLK	-0.24
49	PORTAGE	0.10
19	PRICE	-0.30
53	RACINE	0.15
18	RICHLAND	-0.30
30	ROCK	-0.09
14	RUSK	-0.35
29	SAUK	-0.11
16	SAWYER	-0.31
48	SHAWANO	0.10
24	SHEBOYGAN	-0.22
28	ST CROIX	-0.13
71	TAYLOR	0.81
54	TREMPEALEAU	0.15
9	VERNON	-0.44
38	VILAS	0.01
10	WALWORTH	-0.43
40	WASHBURN	0.01
4	WASHINGTON	-0.74
3	WAUKESHA	-0.89
56	WAUPACA	0.18
59	WAUSHARA	0.25
46	WINNEBAGO	0.08
25	WOOD	-0.16

Health Care Determinants

Sorted by Rank

Rank	County Name	Score
1	OZAUKEE	-1.26
2	DOOR	-1.15
3	WAUKESHA	-0.86
4	JEFFERSON	-0.86
5	OUTAGAMIE	-0.80
6	SHEBOYGAN	-0.73
7	BROWN	-0.71
8	FOREST	-0.67
9	FOND DU LAC	-0.65
10	WASHINGTON	-0.64
11	IOWA	-0.60
12	FLORENCE	-0.59
13	WOOD	-0.58
14	TREMPEALEAU	-0.58
15	BUFFALO	-0.56
16	WINNEBAGO	-0.55
17	DODGE	-0.53
18	POLK	-0.53
19	CALUMET	-0.50
20	COLUMBIA	-0.46
21	SAUK	-0.45
22	LA CROSSE	-0.43
23	WALWORTH	-0.41
24	OCONTO	-0.41
25	MANITOWOC	-0.41
26	PORTAGE	-0.37
27	MARATHON	-0.31
28	EAU CLAIRE	-0.31
29	LANGLADE	-0.31
30	KEWAUNEE	-0.28
31	DANE	-0.27
32	RACINE	-0.20
33	MARQUETTE	-0.19
34	GREEN LAKE	-0.18
35	WASHBURN	-0.14
36	ONEIDA	-0.13
37	BARRON	-0.11
38	PRICE	-0.10
39	CLARK	-0.09
40	VILAS	-0.06
41	GREEN	-0.05
42	GRANT	-0.04
43	RICHLAND	0.01
44	LINCOLN	0.01
45	MARINETTE	0.06
46	WAUPACA	0.14
47	DOUGLAS	0.14
48	ROCK	0.16
49	LAFAYETTE	0.18
50	ADAMS	0.25
51	DUNN	0.31
52	MILWAUKEE	0.33
53	RUSK	0.35
54	ST CROIX	0.38
55	MENOMINEE	0.41
56	VERNON	0.45
57	BAYFIELD	0.48
58	KENOSHA	0.49
59	MONROE	0.54
60	JACKSON	0.67
61	JUNEAU	0.75
62	CHIPPEWA	0.78
63	BURNETT	0.86
64	PIERCE	0.87
65	CRAWFORD	0.93
66	SHAWANO	0.94
67	WAUSHARA	1.04
68	IRON	1.21
69	TAYLOR	1.24
70	ASHLAND	1.34
71	PEPIN	1.35
72	SAWYER	2.37

Sorted by County Name

Rank	County Name	Score
50	ADAMS	0.25
70	ASHLAND	1.34
37	BARRON	-0.11
57	BAYFIELD	0.48
7	BROWN	-0.71
15	BUFFALO	-0.56
63	BURNETT	0.86
19	CALUMET	-0.50
62	CHIPPEWA	0.78
39	CLARK	-0.09
20	COLUMBIA	-0.46
65	CRAWFORD	0.93
31	DANE	-0.27
17	DODGE	-0.53
2	DOOR	-1.15
47	DOUGLAS	0.14
51	DUNN	0.31
28	EAU CLAIRE	-0.31
12	FLORENCE	-0.59
9	FOND DU LAC	-0.65
8	FOREST	-0.67
42	GRANT	-0.04
41	GREEN	-0.05
34	GREEN LAKE	-0.18
11	IOWA	-0.60
68	IRON	1.21
60	JACKSON	0.67
4	JEFFERSON	-0.86
61	JUNEAU	0.75
58	KENOSHA	0.49
30	KEWAUNEE	-0.28
22	LA CROSSE	-0.43
49	LAFAYETTE	0.18
29	LANGLADE	-0.31
44	LINCOLN	0.01
25	MANITOWOC	-0.41
27	MARATHON	-0.31
45	MARINETTE	0.06
33	MARQUETTE	-0.19
55	MENOMINEE	0.41
52	MILWAUKEE	0.33
59	MONROE	0.54
24	OCONTO	-0.41
36	ONEIDA	-0.13
5	OUTAGAMIE	-0.80
1	OZAUKEE	-1.26
71	PEPIN	1.35
64	PIERCE	0.87
18	POLK	-0.53
26	PORTAGE	-0.37
38	PRICE	-0.10
32	RACINE	-0.20
43	RICHLAND	0.01
48	ROCK	0.16
53	RUSK	0.35
21	SAUK	-0.45
72	SAWYER	2.37
66	SHAWANO	0.94
6	SHEBOYGAN	-0.73
54	ST CROIX	0.38
69	TAYLOR	1.24
14	TREMPEALEAU	-0.58
56	VERNON	0.45
40	VILAS	-0.06
23	WALWORTH	-0.41
35	WASHBURN	-0.14
10	WASHINGTON	-0.64
3	WAUKESHA	-0.86
46	WAUPACA	0.14
67	WAUSHARA	1.04
16	WINNEBAGO	-0.55
13	WOOD	-0.58

Health Determinants

Sorted by Rank

Rank	County Name	Score
1	OZAUKEE	-1.23
2	WAUKESHA	-1.11
3	WASHINGTON	-0.84
4	CALUMET	-0.70
5	PIERCE	-0.53
6	OUTAGAMIE	-0.51
7	KEWAUNEE	-0.48
8	ST CROIX	-0.48
9	IOWA	-0.42
10	DANE	-0.41
11	BUFFALO	-0.40
12	EAU CLAIRE	-0.34
13	DOOR	-0.34
14	SHEBOYGAN	-0.33
15	WOOD	-0.29
16	DODGE	-0.29
17	FOND DU LAC	-0.28
18	MARATHON	-0.28
19	WALWORTH	-0.27
20	COLUMBIA	-0.27
21	POLK	-0.24
22	PORTAGE	-0.20
23	GREEN	-0.18
24	BROWN	-0.18
25	PRICE	-0.17
26	LA CROSSE	-0.14
27	GRANT	-0.14
28	FLORENCE	-0.12
29	IRON	-0.12
30	LAFAYETTE	-0.10
31	WINNEBAGO	-0.09
32	GREEN LAKE	-0.08
33	MANITOWOC	-0.07
34	CHIPPEWA	-0.06
35	SAUK	-0.04
36	DUNN	-0.03
37	VERNON	-0.02
38	LINCOLN	-0.01
39	RICHLAND	0.00
40	CLARK	0.00
41	JEFFERSON	0.00
42	SHAWANO	0.03
43	TREMPEALEAU	0.03
44	ONEIDA	0.04
45	VILAS	0.07
46	MARINETTE	0.07
47	BARRON	0.08
48	BAYFIELD	0.12
49	WAUPACA	0.12
50	RUSK	0.13
51	WASHBURN	0.14
52	LANGLADE	0.15
53	OCONTO	0.17
54	PEPIN	0.21
55	BURNETT	0.26
56	JACKSON	0.27
57	ROCK	0.30
58	RACINE	0.31
59	KENOSHA	0.33
60	TAYLOR	0.36
61	CRAWFORD	0.37
62	MONROE	0.41
63	ASHLAND	0.41
64	FOREST	0.43
65	WAUSHARA	0.43
66	MARQUETTE	0.43
67	SAWYER	0.46
68	JUNEAU	0.58
69	DOUGLAS	0.60
70	ADAMS	0.71
71	MILWAUKEE	0.77
72	MENOMINEE	2.02

Sorted by County Name

Rank	County Name	Score
70	ADAMS	0.71
63	ASHLAND	0.41
47	BARRON	0.08
48	BAYFIELD	0.12
24	BROWN	-0.18
11	BUFFALO	-0.40
55	BURNETT	0.26
4	CALUMET	-0.70
34	CHIPPEWA	-0.06
40	CLARK	0.00
20	COLUMBIA	-0.27
61	CRAWFORD	0.37
10	DANE	-0.41
16	DODGE	-0.29
13	DOOR	-0.34
69	DOUGLAS	0.60
36	DUNN	-0.03
12	EAU CLAIRE	-0.34
28	FLORENCE	-0.12
17	FOND DU LAC	-0.28
64	FOREST	0.43
27	GRANT	-0.14
23	GREEN	-0.18
32	GREEN LAKE	-0.08
9	IOWA	-0.42
29	IRON	-0.12
56	JACKSON	0.27
41	JEFFERSON	0.00
68	JUNEAU	0.58
59	KENOSHA	0.33
7	KEWAUNEE	-0.48
26	LA CROSSE	-0.14
30	LAFAYETTE	-0.10
52	LANGLADE	0.15
38	LINCOLN	-0.01
33	MANITOWOC	-0.07
18	MARATHON	-0.28
46	MARINETTE	0.07
66	MARQUETTE	0.43
72	MENOMINEE	2.02
71	MILWAUKEE	0.77
62	MONROE	0.41
53	OCONTO	0.17
44	ONEIDA	0.04
6	OUTAGAMIE	-0.51
1	OZAUKEE	-1.23
54	PEPIN	0.21
5	PIERCE	-0.53
21	POLK	-0.24
22	PORTAGE	-0.20
25	PRICE	-0.17
58	RACINE	0.31
39	RICHLAND	0.00
57	ROCK	0.30
50	RUSK	0.13
35	SAUK	-0.04
67	SAWYER	0.46
42	SHAWANO	0.03
14	SHEBOYGAN	-0.33
8	ST CROIX	-0.48
60	TAYLOR	0.36
43	TREMPEALEAU	0.03
37	VERNON	-0.02
45	VILAS	0.07
19	WALWORTH	-0.27
51	WASHBURN	0.14
3	WASHINGTON	-0.84
2	WAUKESHA	-1.11
49	WAUPACA	0.12
65	WAUSHARA	0.43
31	WINNEBAGO	-0.09
15	WOOD	-0.29

Health disparities by education

County Name	Mortality rate / 100,000 population		Rate ratio
	High school education or less	More than a high school education	
ADAMS	471	123	3.8
ASHLAND	405	226	1.8
BARRON	369	172	2.1
BAYFIELD	365	162	2.2
BROWN	369	161	2.3
BUFFALO	299	144	2.1
BURNETT	393	181	2.2
CALUMET	279	110	2.5
CHIPPEWA	398	129	3.1
CLARK	353	146	2.4
COLUMBIA	382	173	2.2
CRAWFORD	329	168	2.0
DANE	438	146	3.0
DODGE	392	143	2.7
DOOR	419	182	2.3
DOUGLAS	305	122	2.5
DUNN	354	123	2.9
EAU CLAIRE	360	131	2.7
FLORENCE	261	80	3.3
FOND DU LAC	399	136	2.9
FOREST	516	217	2.4
GRANT	294	164	1.8
GREEN	338	124	2.7
GREEN LAKE	382	239	1.6
IOWA	361	152	2.4
IRON	319	143	2.2
JACKSON	422	164	2.6
JEFFERSON	423	147	2.9
JUNEAU	543	257	2.1
KENOSHA	452	164	2.8
KEWAUNEE	275	187	1.5
LA CROSSE	422	165	2.6
LAFAYETTE	376	160	2.4
LANGLADE	337	192	1.8
LINCOLN	426	159	2.7
MANITOWOC	398	146	2.7
MARATHON	331	132	2.5
MARINETTE	420	154	2.7
MARQUETTE	488	154	3.2
MENOMINEE	1015	228	4.5
MILWAUKEE	633	226	2.8
MONROE	427	201	2.1
OCONTO	405	147	2.7
ONEIDA	460	183	2.5
OUTAGAMIE	323	131	2.5
OZAUKEE	392	140	2.8
PEPIN	343	169	2.0
PIERCE	188	83	2.3
POLK	287	137	2.1
PORTAGE	324	158	2.1
PRICE	420	200	2.1
RACINE	487	178	2.7
RICHLAND	341	219	1.6
ROCK	463	161	2.9
RUSK	326	195	1.7
SAUK	378	168	2.2
SAWYER	390	218	1.8
SHAWANO	411	174	2.4
SHEBOYGAN	356	145	2.5
ST CROIX	224	105	2.1
TAYLOR	322	121	2.7
TREMPEALEAU	333	128	2.6
VERNON	404	171	2.4
VILAS	451	220	2.1
WALWORTH	417	158	2.6
WASHBURN	396	185	2.1
WASHINGTON	318	128	2.5
WAUKESHA	325	134	2.4
WAUPACA	406	164	2.5
WAUSHARA	445	175	2.5
WINNEBAGO	376	151	2.5
WOOD	343	149	2.3

**Wisconsin County Health Rankings – 2004
Technical Notes**

Data element	Health disparities
Description	The mortality rates (per 100,000 population) for those with a high school education or less were compared to those with at least some college education. As a measure of mortality disparity related to educational attainment, the ratio of rates for less educated vs. more educated were calculated for every county.
Percent of total health outcomes/determinants score	N/A
Data source(s)	Wisconsin death records 1996-2000 (unpublished data), Wisconsin Department of Health and Family Services, Division of Public Health, Bureau of Health Information and Policy United States Decennial Census (population education data) Online: http://www.census.gov/
Year(s) of data used	1996-2000 (deaths) 2000 (population education data)
Calculations and other notes	<ul style="list-style-type: none"> • Three age groups were used: 25-34, 35-44, 45-64, and the age adjustment was according to the (normalized) proportion of the Wisconsin population in these groups. • Sex adjustment weighted each sex equally. • The rate ratios are the mortality rate of county residents with a high school diploma/GED or less education in the ratio numerator divided by the mortality rates of county residents with more than high school diploma/GED (i.e., some college) in the denominator.

Health Outcomes

Sorted by Rank

Rank	County Name	Score
1	OZAUKEE	-1.56
2	WAUKESHA	-1.50
3	EAU CLAIRE	-1.42
4	ST CROIX	-1.17
5	PORTAGE	-1.16
6	OUTAGAMIE	-1.05
7	CLARK	-0.91
8	KEWAUNEE	-0.91
9	DANE	-0.87
10	MARATHON	-0.84
11	WASHINGTON	-0.80
12	IOWA	-0.77
13	PIERCE	-0.67
14	WINNEBAGO	-0.61
15	WOOD	-0.61
16	JEFFERSON	-0.60
17	LA CROSSE	-0.56
18	CALUMET	-0.55
19	FLORENCE	-0.53
20	BAYFIELD	-0.51
21	LAFAYETTE	-0.48
22	DOOR	-0.46
23	GREEN LAKE	-0.45
24	RICHLAND	-0.42
25	SAUK	-0.40
26	DUNN	-0.38
27	VERNON	-0.35
28	FOND DU LAC	-0.35
29	LANGLADE	-0.34
30	WALWORTH	-0.33
31	BROWN	-0.32
32	SHEBOYGAN	-0.26
33	CRAWFORD	-0.26
34	GRANT	-0.25
35	JACKSON	-0.23
36	OCONTO	-0.21
37	DODGE	-0.19
38	TAYLOR	-0.16
39	PEPIN	-0.07
40	MANITOWOC	-0.06
41	RUSK	-0.05
42	BUFFALO	-0.05
43	GREEN	0.04
44	IRON	0.07
45	MONROE	0.11
46	BARRON	0.14
47	POLK	0.16
48	ROCK	0.20
49	DOUGLAS	0.22
50	ONEIDA	0.23
51	TREMPEALEAU	0.27
52	SHAWANO	0.29
53	CHIPPEWA	0.29
54	COLUMBIA	0.31
55	PRICE	0.40
56	RACINE	0.43
57	LINCOLN	0.47
58	KENOSHA	0.55
59	WASHBURN	0.64
60	WAUPACA	0.71
61	MARINETTE	0.83
62	MARQUETTE	0.87
63	ASHLAND	0.88
64	WAUSHARA	0.97
65	MILWAUKEE	1.06
66	VILAS	1.25
67	SAWYER	1.25
68	ADAMS	1.53
69	BURNETT	1.54
70	JUNEAU	1.61
71	FOREST	2.02
72	MENOMINEE	2.91

Sorted by County Name

Rank	County Name	Score
68	ADAMS	1.53
63	ASHLAND	0.88
46	BARRON	0.14
20	BAYFIELD	-0.51
31	BROWN	-0.32
42	BUFFALO	-0.05
69	BURNETT	1.54
18	CALUMET	-0.55
53	CHIPPEWA	0.29
7	CLARK	-0.91
54	COLUMBIA	0.31
33	CRAWFORD	-0.26
9	DANE	-0.87
37	DODGE	-0.19
22	DOOR	-0.46
49	DOUGLAS	0.22
26	DUNN	-0.38
3	EAU CLAIRE	-1.42
19	FLORENCE	-0.53
28	FOND DU LAC	-0.35
71	FOREST	2.02
34	GRANT	-0.25
43	GREEN	0.04
23	GREEN LAKE	-0.45
12	IOWA	-0.77
44	IRON	0.07
35	JACKSON	-0.23
16	JEFFERSON	-0.60
70	JUNEAU	1.61
58	KENOSHA	0.55
8	KEWAUNEE	-0.91
17	LA CROSSE	-0.56
21	LAFAYETTE	-0.48
29	LANGLADE	-0.34
57	LINCOLN	0.47
40	MANITOWOC	-0.06
10	MARATHON	-0.84
61	MARINETTE	0.83
62	MARQUETTE	0.87
72	MENOMINEE	2.91
65	MILWAUKEE	1.06
45	MONROE	0.11
36	OCONTO	-0.21
50	ONEIDA	0.23
6	OUTAGAMIE	-1.05
1	OZAUKEE	-1.56
39	PEPIN	-0.07
13	PIERCE	-0.67
47	POLK	0.16
5	PORTAGE	-1.16
55	PRICE	0.40
56	RACINE	0.43
24	RICHLAND	-0.42
48	ROCK	0.20
41	RUSK	-0.05
25	SAUK	-0.40
67	SAWYER	1.25
52	SHAWANO	0.29
32	SHEBOYGAN	-0.26
4	ST CROIX	-1.17
38	TAYLOR	-0.16
51	TREMPEALEAU	0.27
27	VERNON	-0.35
66	VILAS	1.25
30	WALWORTH	-0.33
59	WASHBURN	0.64
11	WASHINGTON	-0.80
2	WAUKESHA	-1.50
60	WAUPACA	0.71
64	WAUSHARA	0.97
14	WINNEBAGO	-0.61
15	WOOD	-0.61

High school graduation rate

Sorted by Rank

Rank	County Name	Percent	Score
1	EAU CLAIRE	98.9%	-1.0
2	IRON	98.8%	-1.0
3	WAUKESHA	98.5%	-0.9
4	GRANT	98.4%	-0.9
5	PIERCE	98.4%	-0.9
6	DODGE	98.4%	-0.9
7	LAFAYETTE	98.3%	-0.9
8	FLORENCE	98.3%	-0.9
9	OZAUKEE	98.2%	-0.8
10	BUFFALO	98.1%	-0.8
11	OUTAGAMIE	98.0%	-0.8
12	CALUMET	98.0%	-0.8
13	TAYLOR	97.7%	-0.7
14	ST CROIX	97.7%	-0.7
15	POLK	97.7%	-0.7
16	CLARK	97.7%	-0.7
17	DOOR	97.6%	-0.7
18	PRICE	97.6%	-0.7
19	CRAWFORD	97.5%	-0.7
20	WOOD	97.5%	-0.7
21	GREEN LAKE	97.3%	-0.6
22	MONROE	97.1%	-0.6
23	KEWAUNEE	96.8%	-0.5
24	VERNON	96.6%	-0.5
25	COLUMBIA	96.5%	-0.4
26	RICHLAND	96.4%	-0.4
27	DUNN	96.4%	-0.4
28	CHIPPEWA	96.3%	-0.4
29	BARRON	96.2%	-0.4
30	MARATHON	96.1%	-0.3
31	LANGLADE	96.1%	-0.3
32	MARINETTE	96.0%	-0.3
33	LA CROSSE	95.9%	-0.3
34	WAUPACA	95.8%	-0.3
35	IOWA	95.8%	-0.3
36	ASHLAND	95.8%	-0.3
37	WAUSHARA	95.8%	-0.3
38	TREMPEALEAU	95.5%	-0.2
39	JACKSON	95.5%	-0.2
39	PEPIN	95.5%	-0.2
41	RUSK	95.4%	-0.2
42	GREEN	95.3%	-0.2
43	SHAWANO	95.0%	-0.1
44	PORTAGE	94.9%	-0.1
45	WASHINGTON	94.6%	0.0
46	WALWORTH	94.5%	0.0
47	FOND DU LAC	94.3%	0.1
48	SHEBOYGAN	94.2%	0.1
49	OCONTO	94.2%	0.1
50	BURNETT	94.2%	0.1
51	SAUK	94.2%	0.1
52	BROWN	93.8%	0.2
53	WASHBURN	93.7%	0.2
54	BAYFIELD	93.5%	0.2
55	JEFFERSON	93.4%	0.2
56	VILAS	93.3%	0.3
57	FOREST	92.9%	0.4
58	ADAMS	92.6%	0.4
59	WINNEBAGO	92.3%	0.5
60	DANE	92.2%	0.5
61	LINCOLN	92.1%	0.5
62	MANITOWOC	92.1%	0.5
63	KENOSHA	91.2%	0.7
64	ROCK	91.1%	0.8
65	SAWYER	91.0%	0.8
66	MARQUETTE	90.4%	0.9
67	JUNEAU	90.3%	0.9
68	ONEIDA	86.8%	1.7
69	RACINE	83.0%	2.6
70	DOUGLAS	82.8%	2.6
71	MENOMINEE	76.3%	4.1
72	MILWAUKEE	75.8%	4.2

Sorted by County Name

Rank	County Name	Percent	Score
58	ADAMS	92.6%	0.4
36	ASHLAND	95.8%	-0.3
29	BARRON	96.2%	-0.4
54	BAYFIELD	93.5%	0.2
52	BROWN	93.8%	0.2
10	BUFFALO	98.1%	-0.8
50	BURNETT	94.2%	0.1
12	CALUMET	98.0%	-0.8
28	CHIPPEWA	96.3%	-0.4
16	CLARK	97.7%	-0.7
25	COLUMBIA	96.5%	-0.4
19	CRAWFORD	97.5%	-0.7
60	DANE	92.2%	0.5
6	DODGE	98.4%	-0.9
17	DOOR	97.6%	-0.7
70	DOUGLAS	82.8%	2.6
27	DUNN	96.4%	-0.4
1	EAU CLAIRE	98.9%	-1.0
8	FLORENCE	98.3%	-0.9
47	FOND DU LAC	94.3%	0.1
57	FOREST	92.9%	0.4
4	GRANT	98.4%	-0.9
42	GREEN	95.3%	-0.2
21	GREEN LAKE	97.3%	-0.6
35	IOWA	95.8%	-0.3
2	IRON	98.8%	-1.0
39	JACKSON	95.5%	-0.2
55	JEFFERSON	93.4%	0.2
67	JUNEAU	90.3%	0.9
63	KENOSHA	91.2%	0.7
23	KEWAUNEE	96.8%	-0.5
33	LA CROSSE	95.9%	-0.3
7	LAFAYETTE	98.3%	-0.9
31	LANGLADE	96.1%	-0.3
61	LINCOLN	92.1%	0.5
62	MANITOWOC	92.1%	0.5
30	MARATHON	96.1%	-0.3
32	MARINETTE	96.0%	-0.3
66	MARQUETTE	90.4%	0.9
71	MENOMINEE	76.3%	4.1
72	MILWAUKEE	75.8%	4.2
22	MONROE	97.1%	-0.6
49	OCONTO	94.2%	0.1
68	ONEIDA	86.8%	1.7
11	OUTAGAMIE	98.0%	-0.8
9	OZAUKEE	98.2%	-0.8
39	PEPIN	95.5%	-0.2
5	PIERCE	98.4%	-0.9
15	POLK	97.7%	-0.7
44	PORTAGE	94.9%	-0.1
18	PRICE	97.6%	-0.7
69	RACINE	83.0%	2.6
26	RICHLAND	96.4%	-0.4
64	ROCK	91.1%	0.8
41	RUSK	95.4%	-0.2
51	SAUK	94.2%	0.1
65	SAWYER	91.0%	0.8
43	SHAWANO	95.0%	-0.1
48	SHEBOYGAN	94.2%	0.1
14	ST CROIX	97.7%	-0.7
13	TAYLOR	97.7%	-0.7
38	TREMPEALEAU	95.5%	-0.2
24	VERNON	96.6%	-0.5
56	VILAS	93.3%	0.3
46	WALWORTH	94.5%	0.0
53	WASHBURN	93.7%	0.2
45	WASHINGTON	94.6%	0.0
3	WAUKESHA	98.5%	-0.9
34	WAUPACA	95.8%	-0.3
37	WAUSHARA	95.8%	-0.3
59	WINNEBAGO	92.3%	0.5
20	WOOD	97.5%	-0.7

Wisconsin	91.8%
Mean of counties	94.5%
Standard deviation	4.5%

**Wisconsin County Health Rankings – 2004
Technical Notes**

Data element	High school graduation rate
Description	This element measures the proportion of a cohort of students who graduate high school in four years.
Percent of total health determinants score	6.7%
Data source(s)	Wisconsin Department of Public Instruction Online: http://www.dpi.state.wi.us/spr/download.html
Year(s) of data used	2002-2003 school year
Calculations and other notes	<ul style="list-style-type: none"> • Numbers of graduates and dropouts for each school district within a county were pooled to calculate the county-level values. • Graduation rate = (# of graduates) / (# of graduates + # of cohort droupouts) • * Score truncated for calculation of summary scores and ranks

Average ratio of household income to the poverty level

Sorted by Rank

Rank	County Name	Ratio	Score
1	WAUKESHA	2.8	-2.0
2	OZAUKEE	2.8	-2.0
3	WASHINGTON	2.8	-1.7
4	CALUMET	2.8	-1.5
5	ST CROIX	2.8	-1.5
6	OUTAGAMIE	2.7	-1.2
7	SHEBOYGAN	2.7	-1.1
8	DODGE	2.7	-1.0
9	JEFFERSON	2.7	-1.0
10	COLUMBIA	2.7	-1.0
11	FOND DU LAC	2.7	-0.9
12	MANITOWOC	2.6	-0.8
13	GREEN	2.6	-0.7
14	KEWAUNEE	2.6	-0.7
15	PIERCE	2.6	-0.7
16	BROWN	2.6	-0.7
17	WINNEBAGO	2.6	-0.7
18	MARATHON	2.6	-0.6
19	ROCK	2.6	-0.6
20	KENOSHA	2.6	-0.5
21	WOOD	2.6	-0.5
22	IOWA	2.6	-0.5
23	RACINE	2.6	-0.5
24	DANE	2.6	-0.4
25	SAUK	2.6	-0.4
26	WALWORTH	2.6	-0.4
27	POLK	2.6	-0.4
28	WAUPACA	2.6	-0.4
29	DOOR	2.6	-0.4
30	GREEN LAKE	2.6	-0.3
31	OCONTO	2.6	-0.3
32	LINCOLN	2.6	-0.2
33	BUFFALO	2.5	-0.1
34	PORTAGE	2.5	-0.1
35	ONEIDA	2.5	-0.1
36	SHAWANO	2.5	-0.1
37	CHIPPEWA	2.5	-0.1
38	TREMPEALEAU	2.5	0.0
39	MARQUETTE	2.5	0.1
40	PEPIN	2.5	0.2
41	TAYLOR	2.5	0.2
42	LAFAYETTE	2.5	0.2
43	LA CROSSE	2.5	0.2
44	MARINETTE	2.5	0.3
45	EAU CLAIRE	2.5	0.3
46	FLORENCE	2.5	0.3
47	BARRON	2.5	0.3
48	VILAS	2.5	0.3
49	WAUSHARA	2.5	0.3
50	PRICE	2.5	0.4
51	BURNETT	2.5	0.4
52	DOUGLAS	2.5	0.5
53	JUNEAU	2.5	0.5
54	JACKSON	2.5	0.5
55	ADAMS	2.4	0.6
56	CRAWFORD	2.4	0.7
57	WASHBURN	2.4	0.7
58	GRANT	2.4	0.7
59	LANGLADE	2.4	0.7
60	MONROE	2.4	0.7
61	DUNN	2.4	0.8
62	RICHLAND	2.4	0.8
63	IRON	2.4	1.0
64	ASHLAND	2.4	1.1
65	MILWAUKEE	2.4	1.1
66	BAYFIELD	2.4	1.1
67	CLARK	2.4	1.1
68	FOREST	2.3	1.2
69	RUSK	2.3	1.2
70	VERNON	2.3	1.3
71	SAWYER	2.3	1.3
72	MENOMINEE	1.8	5.0

Sorted by County Name

Rank	County Name	Ratio	Score
55	ADAMS	2.4	0.6
64	ASHLAND	2.4	1.1
47	BARRON	2.5	0.3
66	BAYFIELD	2.4	1.1
16	BROWN	2.6	-0.7
33	BUFFALO	2.5	-0.1
51	BURNETT	2.5	0.4
4	CALUMET	2.8	-1.5
37	CHIPPEWA	2.5	-0.1
67	CLARK	2.4	1.1
10	COLUMBIA	2.7	-1.0
56	CRAWFORD	2.4	0.7
24	DANE	2.6	-0.4
8	DODGE	2.7	-1.0
29	DOOR	2.6	-0.4
52	DOUGLAS	2.5	0.5
61	DUNN	2.4	0.8
45	EAU CLAIRE	2.5	0.3
46	FLORENCE	2.5	0.3
11	FOND DU LAC	2.7	-0.9
68	FOREST	2.3	1.2
58	GRANT	2.4	0.7
13	GREEN	2.6	-0.7
30	GREEN LAKE	2.6	-0.3
22	IOWA	2.6	-0.5
63	IRON	2.4	1.0
54	JACKSON	2.5	0.5
9	JEFFERSON	2.7	-1.0
53	JUNEAU	2.5	0.5
20	KENOSHA	2.6	-0.5
14	KEWAUNEE	2.6	-0.7
43	LA CROSSE	2.5	0.2
42	LAFAYETTE	2.5	0.2
59	LANGLADE	2.4	0.7
32	LINCOLN	2.6	-0.2
12	MANITOWOC	2.6	-0.8
18	MARATHON	2.6	-0.6
44	MARINETTE	2.5	0.3
39	MARQUETTE	2.5	0.1
72	MENOMINEE	1.8	5.0
65	MILWAUKEE	2.4	1.1
60	MONROE	2.4	0.7
31	OCONTO	2.6	-0.3
35	ONEIDA	2.5	-0.1
6	OUTAGAMIE	2.7	-1.2
2	OZAUKEE	2.8	-2.0
40	PEPIN	2.5	0.2
15	PIERCE	2.6	-0.7
27	POLK	2.6	-0.4
34	PORTAGE	2.5	-0.1
50	PRICE	2.5	0.4
23	RACINE	2.6	-0.5
62	RICHLAND	2.4	0.8
19	ROCK	2.6	-0.6
69	RUSK	2.3	1.2
25	SAUK	2.6	-0.4
71	SAWYER	2.3	1.3
36	SHAWANO	2.5	-0.1
7	SHEBOYGAN	2.7	-1.1
5	ST CROIX	2.8	-1.5
41	TAYLOR	2.5	0.2
38	TREMPEALEAU	2.5	0.0
70	VERNON	2.3	1.3
48	VILAS	2.5	0.3
26	WALWORTH	2.6	-0.4
57	WASHBURN	2.4	0.7
3	WASHINGTON	2.8	-1.7
1	WAUKESHA	2.8	-2.0
28	WAUPACA	2.6	-0.4
49	WAUSHARA	2.5	0.3
17	WINNEBAGO	2.6	-0.7
21	WOOD	2.6	-0.5

Wisconsin	2.6
Mean of counties	2.5
Standard deviation	0.1

**Wisconsin County Health Rankings – 2004
Technical Notes**

Data element	Average ratio of household income to the poverty level
Description	This element measures the typical ratio of household income to the poverty level in the population. This measure takes into account both income level and household size.
Percent of total health determinants score	13.3%
Data source(s)	United States Decennial Census Online: http://www.census.gov/
Year(s) of data used	2000
Calculations and other notes	* Score truncated for calculation of summary scores and ranks.

Low fruit and vegetable consumption

Sorted by Rank

Rank	County Name	Prevalence	Score
1	BAYFIELD	62.3%	-3.2
2	PEPIN	66.7%	-2.3
3	SAWYER	68.1%	-2.0
4	IRON	69.5%	-1.8
5	OZAUKEE	71.3%	-1.4
6	DUNN	71.3%	-1.4
7	WASHINGTON	71.9%	-1.3
8	EAU CLAIRE	71.9%	-1.3
9	BUFFALO	72.0%	-1.2
10	WAUKESHA	72.5%	-1.2
11	POLK	73.3%	-1.0
12	MONROE	73.6%	-0.9
13	CHIPPEWA	74.5%	-0.8
14	DANE	74.9%	-0.7
15	MARATHON	74.9%	-0.7
16	RUSK	75.1%	-0.6
17	ADAMS	75.1%	-0.6
18	SAUK	75.2%	-0.6
19	RACINE	75.2%	-0.6
20	DOOR	75.7%	-0.5
21	MILWAUKEE	75.7%	-0.5
22	CALUMET	76.0%	-0.5
23	JUNEAU	76.2%	-0.4
24	IOWA	76.6%	-0.4
25	CLARK	76.6%	-0.3
26	SHAWANO	77.0%	-0.3
27	WOOD	77.2%	-0.2
28	MANITOWOC	77.2%	-0.2
29	MENOMINEE	77.5%	-0.2
30	KENOSHA	77.5%	-0.2
31	DODGE	77.6%	-0.1
32	ONEIDA	77.7%	-0.1
33	GREEN LAKE	78.3%	0.0
34	ROCK	78.7%	0.1
35	WAUPACA	78.7%	0.1
36	VILAS	78.7%	0.1
37	WAUSHARA	78.9%	0.1
38	SHEBOYGAN	79.0%	0.1
39	MARINETTE	79.0%	0.1
40	WASHBURN	79.1%	0.1
41	TAYLOR	79.1%	0.2
42	BROWN	79.3%	0.2
43	LINCOLN	79.4%	0.2
44	WALWORTH	79.5%	0.2
45	CRAWFORD	79.5%	0.2
46	GREEN	79.5%	0.2
47	FOND DU LAC	79.8%	0.3
48	LAFAYETTE	79.9%	0.3
49	BURNETT	80.3%	0.4
50	ASHLAND	80.7%	0.5
51	COLUMBIA	80.7%	0.5
52	RICHLAND	80.7%	0.5
53	ST CROIX	81.0%	0.5
54	OUTAGAMIE	81.0%	0.5
55	KEWAUNEE	81.2%	0.6
56	BARRON	81.9%	0.7
57	JEFFERSON	82.0%	0.7
58	GRANT	82.1%	0.8
59	LA CROSSE	82.2%	0.8
60	FLORENCE	82.6%	0.9
61	LANGLADE	82.7%	0.9
62	WINNEBAGO	82.8%	0.9
63	PRICE	84.0%	1.1
64	DOUGLAS	84.2%	1.2
65	PORTAGE	84.6%	1.2
66	OCONTO	84.6%	1.3
67	PIERCE	85.1%	1.3
68	JACKSON	87.3%	1.8
69	MARQUETTE	87.6%	1.8
70	TREMPEALEAU	88.1%	2.0
71	FOREST	88.4%	2.0
72	VERNON	88.7%	2.1

Sorted by County Name

Rank	County Name	Prevalence	Score
17	ADAMS	75.1%	-0.6
50	ASHLAND	80.7%	0.5
56	BARRON	81.9%	0.7
1	BAYFIELD	62.3%	-3.2
42	BROWN	79.3%	0.2
9	BUFFALO	72.0%	-1.2
49	BURNETT	80.3%	0.4
22	CALUMET	76.0%	-0.5
13	CHIPPEWA	74.5%	-0.8
25	CLARK	76.6%	-0.3
51	COLUMBIA	80.7%	0.5
45	CRAWFORD	79.5%	0.2
14	DANE	74.9%	-0.7
31	DODGE	77.6%	-0.1
20	DOOR	75.7%	-0.5
64	DOUGLAS	84.2%	1.2
6	DUNN	71.3%	-1.4
8	EAU CLAIRE	71.9%	-1.3
60	FLORENCE	82.6%	0.9
47	FOND DU LAC	79.8%	0.3
71	FOREST	88.4%	2.0
58	GRANT	82.1%	0.8
46	GREEN	79.5%	0.2
33	GREEN LAKE	78.3%	0.0
24	IOWA	76.6%	-0.4
4	IRON	69.5%	-1.8
68	JACKSON	87.3%	1.8
57	JEFFERSON	82.0%	0.7
23	JUNEAU	76.2%	-0.4
30	KENOSHA	77.5%	-0.2
55	KEWAUNEE	81.2%	0.6
59	LA CROSSE	82.2%	0.8
48	LAFAYETTE	79.9%	0.3
61	LANGLADE	82.7%	0.9
43	LINCOLN	79.4%	0.2
28	MANITOWOC	77.2%	-0.2
15	MARATHON	74.9%	-0.7
39	MARINETTE	79.0%	0.1
69	MARQUETTE	87.6%	1.8
29	MENOMINEE	77.5%	-0.2
21	MILWAUKEE	75.7%	-0.5
12	MONROE	73.6%	-0.9
66	OCONTO	84.6%	1.3
32	ONEIDA	77.7%	-0.1
54	OUTAGAMIE	81.0%	0.5
5	OZAUKEE	71.3%	-1.4
2	PEPIN	66.7%	-2.3
67	PIERCE	85.1%	1.3
11	POLK	73.3%	-1.0
65	PORTAGE	84.6%	1.2
63	PRICE	84.0%	1.1
19	RACINE	75.2%	-0.6
52	RICHLAND	80.7%	0.5
34	ROCK	78.7%	0.1
16	RUSK	75.1%	-0.6
18	SAUK	75.2%	-0.6
3	SAWYER	68.1%	-2.0
26	SHAWANO	77.0%	-0.3
38	SHEBOYGAN	79.0%	0.1
53	ST CROIX	81.0%	0.5
41	TAYLOR	79.1%	0.2
70	TREMPEALEAU	88.1%	2.0
72	VERNON	88.7%	2.1
36	VILAS	78.7%	0.1
44	WALWORTH	79.5%	0.2
40	WASHBURN	79.1%	0.1
7	WASHINGTON	71.9%	-1.3
10	WAUKESHA	72.5%	-1.2
35	WAUPACA	78.7%	0.1
37	WAUSHARA	78.9%	0.1
62	WINNEBAGO	82.8%	0.9
27	WOOD	77.2%	-0.2

Wisconsin	77.2%
Mean of counties	78.3%
Standard deviation	5.0%

**Wisconsin County Health Rankings – 2004
Technical Notes**

Data element	Low fruit and vegetable consumption
Description	This element measures the percentage of the population that consumes less than 5 servings of fruits and/or vegetables per day. This measure is based on telephone survey sample data.
Percent of total health determinants score	3.0%
Data source(s)	Behavioral Risk Factor Surveillance System (BRFSS)
Year(s) of data used	1997-2003
Calculations and other notes	* Score truncated for calculation of summary scores and ranks.

**Detailed methods for the use of water quality
in the Wisconsin County Health Rankings – 2004**
Matt Landis

Introduction

There are two underlying tenants that support our application of nitrates in the drinking supply as a public health indicator: first, nitrates present over the preventative action level is a marker of increased risk to even higher levels of nitrates, other chemical seepages (pesticides like triazines), and fecal coliforms. Second, the many data points available for nitrates in both public and private sources make it an excellent candidate to add to the County Ranking. We performed two separate rankings for nitrates, one for all nitrate detects greater than 2mg/L, the limit in accordance with the Preventative Action Level, and also for nitrate detects greater than 10mg/L, the limit in accordance with the Enforcement Standard. This yields two separate measures of nitrates, one focusing on the overall county population, and another focusing on private well water, where the majority nitrate levels above 10mg/L are detected. Municipal water supplies take multiple measurements throughout the year, and in no instance was the average of measurements over a single year exceeding this Enforcement Standard.

Methods

Data Attainment

County population data is gathered for all WI counties using 2000 Census Information. All data was accessed through the WI DNR Drinkingwater and Groundwater homepage.

Private well data was compiled using the Groundwater Retrieval Network, specifically the “Sample Analytical Data – Summary Count Report.” Blocks of 5 counties were selected in each run, as well as dates for 2003; and Nitrates were selected as the contaminant type (http://prodmtext00.dnr.state.wi.us/pls/inter1/pk_wr583_sample_summary.p_summary_search).

Public or municipal wells were compiled using the Contaminants in Public Water Supply Database, selecting blocks of 5 counties for each data run. Additional fields modified include date field to limit retrieval to 2003 data, the sample type field was selected for compliance only, and nitrate was chosen as the DNR sample group ([http://prodmtext00.dnr.state.wi.us/pls/inter1/pws29\\$.startup](http://prodmtext00.dnr.state.wi.us/pls/inter1/pws29$.startup)). Population served by the municipal water source was selected as an additional field to download.

County population information was ascertained using the 2000 census report (http://factfinder.census.gov/home/saff/main.html?_lang=en).

Data Analysis

Private Water Supply

a) given # wells sampled, # wells exceeding the Preventative Action Limit (PAL, 2mg/L), and # wells exceeding the Enforcement Standard (ES, 10mg/L).

NOTE: storet code 630+620, the measurements coinciding with municipal sources, is used for all counties.

b) denominator = # wells sampled = 630+620 totals;

numerator = # wells in exceedence = PAL620 + PAL630 + ES620 + ES630

c) Proportion of tested wells in exceedence = numerator/denominator

EXAMPLE: Adams County

Storet Code	Storet Description	# Wells With Samples	# Wells With Detects	# Wells Exceeding ES	# Wells Exceeding PAL	Max Detection Level
620	NITROGEN NO3-N TOTAL	353	322	19	123	35
630	NITROGEN NO3+NO2	989	767	109	354	48.4

Numerator = 19+123+109+354 = 605

Denominator = 353+989 = 1342

% wells with unhealthy levels = 605/1342 * 100 = 45.082% private well tests in Adams County in 2003 have unhealthy levels of nitrates in the water supply.

Similarly, % of wells exceeding the Enforcement Standard of 10mg/L was also calculated, with the numerator simply being ES620 + ES630. This is explained in detail below.

Municipal Water Supply

a) given nitrate concentration (mg/L) and population served for all municipal sources, by county
 b) stratify concentrations as either above or below PAL (2mg/L), turning municipal supply into categorical variable.

c) Numerator = municipal population served by wells over PAL

Denominator = total county population (from 2000 census)

d) Overall, a municipal source either had a level over 2mg/L or did not have a level over 2. On average a municipality did not exceed 10mg/L for a given year. When there was uncertainty over many measurements, the average concentration determines whether or not the municipality is above or below PAL.

NOTE: In 2003 no municipal source had an average concentration exceeding 10mg/L.

Example:

Adams County

Contaminant	Measured Amount mg/L	System Name	Population
NITRATE (N03-N)	0.17	ADAMS WATERWORKS	1819
NITRATE (N03-N)	0.88	ADAMS WATERWORKS	
NITRATE (N03-N)	2.2	FEDERAL CORRECTIONAL INSTITUTION	1550
NITRATE (N03-N)	0.97	FEDERAL CORRECTIONAL INSTITUTION	
NITRATE-NITRITE (N03+N02)	0.54	ROME WATER UTILITY	2775
NITRATE-NITRITE (N03+N02)	7.09	ROME WATER UTILITY	

NITRATE-NITRITE (N03+N02)	7.43	ROME WATER UTILITY
NITRATE-NITRITE (N03+N02)	6.31	ROME WATER UTILITY
NITRATE-NITRITE (N03+N02)	6.29	ROME WATER UTILITY

Adams waterworks is below, Rome is above, Federal Corrections is below: $(2.2+0.97)/2 = 1.59$

Therefore: Population affected = 2775

Using 2000 census data, we find the percent total population affected by municipal exceedence is $2775/18,643 = 0.1488 = 14.8\%$ of the total population is affected by municipal exceedence.

Overall County Measurement

To arrive at an overall measure of the percentage of a county's population exposed to levels of nitrates exceeding the Preventative Action Limit and Enforcement Standard, the following equation is used:

$$\frac{[(\text{Private pop} * (\% \text{ wells} > 2))]}{2000 \text{ population county total}} + \frac{(\text{Exposed Municipal pop})}{2000 \text{ population county total}} = \% \text{ Pop at Risk}$$

The private well population is defined as the difference between the 2000 Census county population total and the municipal population given by the DNR. After calculating the percent county population exposed to levels greater than the Preventive Action Limit for all counties, the counties are ranked on percent at risk and incorporated into our overall ranking system.

Similarly, a second measure of nitrates present over the Enforcement Standard of 10mg/L is also produced, weighted by population as above. On average, the number of municipalities exceeding 10mg/L was small, and therefore only private wells exceeding this standard is used. Both measures are incorporated with equal weights into the county ranking. This is achieved for all counties except Menominee County, for which data is not available as the DNR does not report monitored levels publicly or privately.

a) Private Well Population = 2000 Census Pop – Municipal Pop

b) To arrive at the measure of the percentage of a county's population exposed to levels of nitrates exceeding the Preventative Action Limit and Enforcement Standard, the following equation is used:

$$\left[\frac{(\text{Private pop})}{2000 \text{ population county total}} * (\% \text{ wells} > 2) \right] + \frac{(\text{Exposed Municipal pop})}{2000 \text{ population county total}} = \text{Total Exposed Pop}$$

Example:

Adams county total population: 18,643 (from 2000 census)

Private pop = 18,643 – 6144 = 12,499

% population at risk = $[(12,499/18,643)*0.45082] + 2,775/18,643 = 0.4511 = 45.11\%$ of the Adams County population is exposed in 2003 to nitrate levels at or above the preventative action limit.

A similar Overall Measurement was taken by county for wells exceeding the Enforcement Standard of 10mg/L, a second tier of risk that focuses on private wells as the primary source of drinking water. On average, municipal sources did not exceed 10mg/L, and therefore municipal sources did not contribute to this aspect of the ranking.

Example:

Adams county private population = 12499

Numerator = 19+109 = 128

Denominator = 353+989 = 1,342

% wells exceeding the ES = $128/1,342 = 0.0953$

% population at risk = $(12,499/18,643)*(0.0953) = 0.0639$

Therefore, 6.39% of the Adams County population at risk for exposure to nitrates above 10mg/L

We ranked counties by the overall measurement exceeding 2mg/L and also exceeding 10mg/L, weighted by percentage of urban and rural population. This provided two different rankings, and both counted equally into the composite nitrate measurement.

Overview of Methods

I. 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. Twenty-three 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: death 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 21 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.

II. Data sources

The figure on page 3 lists the outcomes and determinants components and their associated health measures. The data used for this report came from a variety of sources:

- **Complete population** (non-sample), annually available data. These data include vital statistics (mortality/YPLL, teen births, smoking during pregnancy) and were obtained from the Bureau of Health Information and Policy, Division Public Health, Wisconsin Department of Health and Family Services and the U.S. Centers for Disease Control and Prevention (CDC) WONDER database.
- **Census data:** based on near-complete population or large-sample decennial data (education level, income, divorce rate, and year housing structure built). These were obtained online from the U.S. Census Bureau.
- **Sample survey data:** based on moderate-sized annual samples primarily from the U.S. Centers for Disease Control and Prevention’s Behavioral Risk Factor Surveillance System (cigarette smoking, physical inactivity, overweight and obesity, low fruit and vegetable consumption, and binge drinking) or the Wisconsin Department of Health and Family Service’s Family Health Surveys (no health insurance, did not receive needed health care, and no recent dentist visit). These data are often quite sparse for some counties and were obtained from the Bureau of Health Information and Policy.
- **Other data** were obtained from the Wisconsin Department of Health and Family Services, Wisconsin Department of Natural Resources, Wisconsin Department of Public Instruction, Wisconsin Office of Justice Assistance, the U.S. Environmental Protection Agency, and Aurora Health Care’s *Community Health Assessments*.

The specific time periods and sources corresponding to each health measure are further detailed on the Wisconsin Public Health and Health Policy Website (see the end of this section).

Overview of Methods continued

III. Rankings

Each of the 2 health outcomes measures and 21 health determinants measures were estimated for each county (often averaging over years). The mean and standard deviation of each of the health measures were calculated across the 72 counties. Counties were then given a “score” for each measure. This score was the number of standard deviation units that the county was 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. The weights used for the components to calculate summary outcome and determinant rankings are given in the figure on page 3.

IV. Changes from the *Wisconsin County Health Rankings—2003*

The annual production of the *Wisconsin County Health Rankings* provides us the opportunity to incorporate improvements from the previous year’s document. Based on feedback received after the 2003 edition, discussion and advice from groups in many fields, and continued investigation into available data sources, a number of changes have been made for this year’s edition.

- **County-level estimates:** In cases of low-population, counties were previously grouped together and a county-specific estimate was calculated by combining both county-level and county-group-level data. This approach effectively reduced random error in the county-specific estimates, but at the expense of using data from outside the county to estimate within-county measures. For the current edition we have eliminated this procedure and instead combined additional years of data, when possible, to increase sample sizes. In this way, we prevent neighboring counties with very different levels of health from influencing county-level estimates.

• Data elements

- **Mortality:** Years of potential life lost (YPLL) is measured prior to 75 instead of 85 years of age as in the previous edition.
- **Health care (previously “access to health care”):** “No recent blood pressure check” has been removed from the rankings because it has not been included as a question in recent Behavioral Risk Factor Surveillance System surveys.
- **Health behaviors:** Violent crime has replaced firearm deaths.
- **Socioeconomic factors:** In addition to Census 2000 data on the level of educational achievement of the general population, we have added the current high school graduation rates.
- **Physical environment:** Percent of children tested who were positive for lead poisoning has been joined by an additional measure to strengthen the estimate of lead danger (pre-1950s housing), as well as estimates of water (nitrate levels) and air (pollution data) quality.

A more detailed methods description, as well as county-level component values, can be found on the Wisconsin Public Health and Health Policy Institute website: www.pophealth.wisc.edu/wphi/.

Years of Potential Life Lost prior to age 75 (YPLL-75)

Sorted by Rank

Rank	County Name	YPLL	Score
1	WAUKESHA	4255	-1.5
2	CALUMET	4326	-1.4
3	OZAUKEE	4422	-1.4
4	EAU CLAIRE	4671	-1.2
5	ST CROIX	4861	-1.1
6	WASHINGTON	5045	-1.0
7	PIERCE	5085	-0.9
8	KEWAUNEE	5159	-0.9
9	WOOD	5162	-0.9
10	PORTAGE	5182	-0.9
11	GREEN LAKE	5208	-0.9
12	OUTAGAMIE	5344	-0.8
13	MARATHON	5362	-0.8
14	DANE	5368	-0.8
15	WINNEBAGO	5375	-0.8
16	DUNN	5424	-0.7
17	SHEBOYGAN	5632	-0.6
18	CLARK	5642	-0.6
19	BROWN	5804	-0.5
20	FOND DU LAC	5860	-0.5
21	WALWORTH	5871	-0.4
22	LA CROSSE	5911	-0.4
23	PEPIN	5944	-0.4
24	TAYLOR	5972	-0.4
25	RICHLAND	5994	-0.4
26	JEFFERSON	6054	-0.3
27	CRAWFORD	6064	-0.3
28	TREMPEALEAU	6105	-0.3
29	CHIPPEWA	6154	-0.3
30	DODGE	6172	-0.3
31	GREEN	6174	-0.3
32	LAFAYETTE	6180	-0.3
33	PRICE	6184	-0.3
34	BARRON	6200	-0.2
35	MANITOWOC	6291	-0.2
36	GRANT	6303	-0.2
37	DOOR	6343	-0.2
38	OCONTO	6416	-0.1
39	IOWA	6433	-0.1
40	WASHBURN	6444	-0.1
41	VERNON	6494	-0.1
42	LANGLADE	6517	0.0
43	ONEIDA	6552	0.0
44	SAUK	6570	0.0
45	SHAWANO	6710	0.1
46	POLK	6837	0.2
47	COLUMBIA	6902	0.2
48	FLORENCE	6907	0.2
49	ROCK	6927	0.2
50	DOUGLAS	6946	0.2
51	JACKSON	6968	0.2
52	KENOSHA	6969	0.2
53	BUFFALO	6973	0.2
54	RACINE	7025	0.3
55	LINCOLN	7030	0.3
56	BAYFIELD	7204	0.4
57	ASHLAND	7276	0.4
58	MARINETTE	7281	0.4
59	MARQUETTE	7421	0.5
60	MONROE	7475	0.6
61	VILAS	7571	0.6
62	WAUPACA	7618	0.6
63	IRON	7793	0.8
64	ADAMS	7939	0.8
65	RUSK	8178	1.0
66	WAUSHARA	8418	1.1
67	MILWAUKEE	8629	1.3
68	JUNEAU	8705	1.3
69	BURNETT	8790	1.4
70	SAWYER	9474	1.8
71	FOREST	9984	2.1
72	MENOMINEE	15913	5.8

Sorted by County Name

Rank	County Name	YPLL	Score
64	ADAMS	7939	0.8
57	ASHLAND	7276	0.4
34	BARRON	6200	-0.2
56	BAYFIELD	7204	0.4
19	BROWN	5804	-0.5
53	BUFFALO	6973	0.2
69	BURNETT	8790	1.4
2	CALUMET	4326	-1.4
29	CHIPPEWA	6154	-0.3
18	CLARK	5642	-0.6
47	COLUMBIA	6902	0.2
27	CRAWFORD	6064	-0.3
14	DANE	5368	-0.8
30	DODGE	6172	-0.3
37	DOOR	6343	-0.2
50	DOUGLAS	6946	0.2
16	DUNN	5424	-0.7
4	EAU CLAIRE	4671	-1.2
48	FLORENCE	6907	0.2
20	FOND DU LAC	5860	-0.5
71	FOREST	9984	2.1
36	GRANT	6303	-0.2
31	GREEN	6174	-0.3
11	GREEN LAKE	5208	-0.9
39	IOWA	6433	-0.1
63	IRON	7793	0.8
51	JACKSON	6968	0.2
26	JEFFERSON	6054	-0.3
68	JUNEAU	8705	1.3
52	KENOSHA	6969	0.2
8	KEWAUNEE	5159	-0.9
22	LA CROSSE	5911	-0.4
32	LAFAYETTE	6180	-0.3
42	LANGLADE	6517	0.0
55	LINCOLN	7030	0.3
35	MANITOWOC	6291	-0.2
13	MARATHON	5362	-0.8
58	MARINETTE	7281	0.4
59	MARQUETTE	7421	0.5
72	MENOMINEE	15913	5.8
67	MILWAUKEE	8629	1.3
60	MONROE	7475	0.6
38	OCONTO	6416	-0.1
43	ONEIDA	6552	0.0
12	OUTAGAMIE	5344	-0.8
3	OZAUKEE	4422	-1.4
23	PEPIN	5944	-0.4
7	PIERCE	5085	-0.9
46	POLK	6837	0.2
10	PORTAGE	5182	-0.9
33	PRICE	6184	-0.3
54	RACINE	7025	0.3
25	RICHLAND	5994	-0.4
49	ROCK	6927	0.2
65	RUSK	8178	1.0
44	SAUK	6570	0.0
70	SAWYER	9474	1.8
45	SHAWANO	6710	0.1
17	SHEBOYGAN	5632	-0.6
5	ST CROIX	4861	-1.1
24	TAYLOR	5972	-0.4
28	TREMPEALEAU	6105	-0.3
41	VERNON	6494	-0.1
61	VILAS	7571	0.6
21	WALWORTH	5871	-0.4
40	WASHBURN	6444	-0.1
6	WASHINGTON	5045	-1.0
1	WAUKESHA	4255	-1.5
62	WAUPACA	7618	0.6
66	WAUSHARA	8418	1.1
15	WINNEBAGO	5375	-0.8
9	WOOD	5162	-0.9

Wisconsin YPLL	6334
Mean of counties	6589
Standard deviation	1602

**Wisconsin County Health Rankings – 2004
Technical Notes**

Data element	Years of potential life lost prior to age 75 (YPLL-75)
Description	This is an indicator of county mortality that accounts for the age at which a person dies—persons who die at a younger age are considered to have lots more “potential” years of life. For example, persons who die at age 65 are considered to have lost 10 “potential” years of life. Children who die at age 10 are considered to have lost 65 “potential” years of life. For each county, all years of potential life lost are summed over the relevant time period and the YPLL is then estimated on a “per 100,000 persons” basis.
Percent of total health outcomes score	50%
Data source(s)	Centers for Disease Control and Prevention Wonder Database, Mortality – underlying cause of death Online: http://wonder.cdc.gov/
Year(s) of data used	1999-2001
Calculations and other notes	YPLL-75 is age-adjusted to the U.S. 2000 age distribution. * Score truncated for calculation of summary scores and ranks.

Change in Years of Potential Life Lost prior to age 75 (YPLL-75)

Period 1: 1989-1991

Rank	County-Name	YPLL
1	WAUKESHA	5180
2	DUNN	5239
3	OZAUKEE	5293
4	SHEBOYGAN	5870
5	WASHINGTON	5957
6	CALUMET	5979
7	JEFFERSON	6027
8	OUTAGAMIE	6069
9	FLORENCE	6091
10	LA CROSSE	6092
11	DANE	6145
12	BROWN	6156
13	DOOR	6191
14	EAU CLAIRE	6200
15	FOND DU LAC	6233
16	WINNEBAGO	6242
17	PORTAGE	6303
18	PEPIN	6317
19	VERNON	6369
20	WOOD	6392
21	MARATHON	6483
22	RICHLAND	6494
23	GRANT	6509
24	MANITOWOC	6521
25	OCONTO	6584
26	PIERCE	6644
27	KEWAUNEE	6676
28	GREEN	6712
29	ST CROIX	6729
30	TAYLOR	6760
31	RUSK	6809
32	WAUSHARA	6935
33	CRAWFORD	7042
34	CHIPPEWA	7052
35	DODGE	7064
36	CLARK	7071
37	LAFAYETTE	7096
38	WALWORTH	7130
39	GREEN LAKE	7248
40	KENOSHA	7262
41	TREMPEALEAU	7264
42	SAUK	7290
43	MARINETTE	7325
44	BARRON	7374
45	ROCK	7545
46	BUFFALO	7550
47	POLK	7601
48	LINCOLN	7743
49	MARQUETTE	7822
50	BURNETT	7867
51	IOWA	7882
52	RACINE	7896
53	WAUPACA	7981
54	PRICE	8122
55	DOUGLAS	8161
56	ONEIDA	8230
57	SHAWANO	8239
58	ASHLAND	8351
59	COLUMBIA	8357
60	MONROE	8369
61	JACKSON	8642
62	BAYFIELD	8642
63	IRON	8739
64	SAWYER	8762
65	LANGLADE	8872
66	MILWAUKEE	9059
67	VILAS	9131
68	JUNEAU	9309
69	ADAMS	9567
70	WASHBURN	9641
71	FOREST	10380
72	MENOMINEE	22183

Period 2: 1999-2001

Rank	County-Name	YPLL
1	WAUKESHA	4255
2	CALUMET	4326
3	OZAUKEE	4422
4	EAU CLAIRE	4671
5	ST CROIX	4861
6	WASHINGTON	5045
7	PIERCE	5085
8	KEWAUNEE	5159
9	WOOD	5162
10	PORTAGE	5182
11	GREEN LAKE	5208
12	OUTAGAMIE	5344
13	MARATHON	5362
14	DANE	5368
15	WINNEBAGO	5375
16	DUNN	5424
17	SHEBOYGAN	5632
18	CLARK	5642
19	BROWN	5804
20	FOND DU LAC	5860
21	WALWORTH	5871
22	LA CROSSE	5911
23	PEPIN	5944
24	TAYLOR	5972
25	RICHLAND	5994
26	JEFFERSON	6054
27	CRAWFORD	6064
28	TREMPEALEAU	6105
29	CHIPPEWA	6154
30	DODGE	6172
31	GREEN	6174
32	LAFAYETTE	6180
33	PRICE	6184
34	BARRON	6200
35	MANITOWOC	6291
36	GRANT	6303
37	DOOR	6343
38	OCONTO	6416
39	IOWA	6433
40	WASHBURN	6444
41	VERNON	6494
42	LANGLADE	6517
43	ONEIDA	6552
44	SAUK	6570
45	SHAWANO	6710
46	POLK	6837
47	COLUMBIA	6902
48	FLORENCE	6907
49	ROCK	6927
50	DOUGLAS	6946
51	JACKSON	6968
52	KENOSHA	6969
53	BUFFALO	6973
54	RACINE	7025
55	LINCOLN	7030
56	BAYFIELD	7204
57	ASHLAND	7276
58	MARINETTE	7281
59	MARQUETTE	7421
60	MONROE	7475
61	VILAS	7571
62	WAUPACA	7618
63	IRON	7793
64	ADAMS	7939
65	RUSK	8178
66	WAUSHARA	8418
67	MILWAUKEE	8629
68	JUNEAU	8705
69	BURNETT	8790
70	SAWYER	9474
71	FOREST	9984
72	MENOMINEE	15913

From Period 1 to Period 2

Rank	County-Name	% Change
1	WASHBURN	-33.2%
2	MENOMINEE	-28.3%
3	GREEN LAKE	-28.1%
4	ST CROIX	-27.8%
5	CALUMET	-27.6%
6	LANGLADE	-26.5%
7	EAU CLAIRE	-24.7%
8	PRICE	-23.9%
9	PIERCE	-23.5%
10	KEWAUNEE	-22.7%
11	ONEIDA	-20.4%
12	CLARK	-20.2%
13	JACKSON	-19.4%
14	WOOD	-19.2%
15	SHAWANO	-18.6%
16	IOWA	-18.4%
17	WAUKESHA	-17.9%
18	PORTAGE	-17.8%
19	WALWORTH	-17.7%
20	COLUMBIA	-17.4%
21	MARATHON	-17.3%
22	VILAS	-17.1%
23	ADAMS	-17.0%
24	BAYFIELD	-16.6%
25	OZAUKEE	-16.5%
26	TREMPEALEAU	-16.0%
27	BARRON	-15.9%
28	WASHINGTON	-15.3%
29	DOUGLAS	-14.9%
30	CRAWFORD	-13.9%
31	WINNEBAGO	-13.9%
32	LAFAYETTE	-12.9%
33	ASHLAND	-12.9%
34	CHIPPEWA	-12.7%
35	DANE	-12.6%
36	DODGE	-12.6%
37	OUTAGAMIE	-11.9%
38	TAYLOR	-11.7%
39	RACINE	-11.0%
40	IRON	-10.8%
41	MONROE	-10.7%
42	POLK	-10.0%
43	SAUK	-9.9%
44	LINCOLN	-9.2%
45	ROCK	-8.2%
46	GREEN	-8.0%
47	RICHLAND	-7.7%
48	BUFFALO	-7.6%
49	JUNEAU	-6.5%
50	FOND DU LAC	-6.0%
51	PEPIN	-5.9%
52	BROWN	-5.7%
53	MARQUETTE	-5.1%
54	MILWAUKEE	-4.7%
55	WAUPACA	-4.6%
56	SHEBOYGAN	-4.1%
57	KENOSHA	-4.0%
58	FOREST	-3.8%
59	MANITOWOC	-3.5%
60	GRANT	-3.2%
61	LA CROSSE	-3.0%
62	OCONTO	-2.6%
63	MARINETTE	-0.6%
64	JEFFERSON	0.4%
65	VERNON	2.0%
66	DOOR	2.5%
67	DUNN	3.5%
68	SAWYER	8.1%
69	BURNETT	11.7%
70	FLORENCE	13.4%
71	RUSK	20.1%
72	WAUSHARA	21.4%

**Wisconsin County Health Rankings – 2004
Technical Notes**

Data element	Percent change in YPLL-75
Description	For each county, all years of potential life lost prior to age 75 are summed over the relevant time period and the YPLL is then estimated on a “per 100,000 persons” basis. Percent change from Period 1 (1989-1991) to Period 2 (1999-2001) was calculated as described below.
Percent of total health outcomes score	N/A
Data source(s)	Centers for Disease Control and Prevention Wonder Database, Mortality – underlying cause of death Online: http://wonder.cdc.gov/
Year(s) of data used	1989-1991 1999-2001
Calculations and other notes	$\% \text{ change} = \frac{\text{YPLL}_{1999-2001} - \text{YPLL}_{1989-1991}}{\text{YPLL}_{1989-1991}} \times 100$ <p>YPLL for Periods 1 and 2 were age-adjusted to the U.S. 2000 age distribution.</p>

Motor vehicle crash deaths

Sorted by Rank

Rank	County Name	Rate/100,000	Score
1	BUFFALO	6.4	-1.3
2	WINNEBAGO	7.7	-1.2
3	MILWAUKEE	8.1	-1.1
4	GREEN LAKE	8.2	-1.1
5	WAUKESHA	8.9	-1.1
6	LA CROSSE	8.9	-1.1
7	DANE	9.2	-1.0
8	OZAUKEE	10.6	-0.9
9	BROWN	10.6	-0.9
10	WALWORTH	11.8	-0.8
11	VERNON	11.9	-0.8
12	CALUMET	12.0	-0.8
13	EAU CLAIRE	12.2	-0.8
14	KENOSHA	12.3	-0.8
15	MANITOWOC	12.8	-0.7
16	JACKSON	13.6	-0.6
17	IRON	14.0	-0.6
18	FOND DU LAC	14.4	-0.6
19	PRICE	14.8	-0.5
20	LAFAYETTE	15.0	-0.5
21	DOUGLAS	15.1	-0.5
22	MARATHON	15.4	-0.5
23	WOOD	15.5	-0.5
24	PIERCE	15.5	-0.5
25	JUNEAU	15.6	-0.5
26	ROCK	15.7	-0.5
27	RACINE	15.9	-0.4
28	OUTAGAMIE	15.9	-0.4
29	SHEBOYGAN	16.0	-0.4
30	CHIPPEWA	16.3	-0.4
31	LANGLADE	16.4	-0.4
32	WASHBURN	16.7	-0.4
33	CRAWFORD	17.0	-0.3
34	WASHINGTON	17.0	-0.3
35	PORTAGE	17.3	-0.3
36	ST CROIX	17.9	-0.3
37	BARRON	18.2	-0.2
38	MONROE	18.5	-0.2
39	DUNN	18.8	-0.2
40	SAUK	19.6	-0.1
41	LINCOLN	19.6	-0.1
42	BAYFIELD	20.0	-0.1
43	GRANT	20.2	-0.1
44	PEPIN	20.4	0.0
45	JEFFERSON	20.5	0.0
46	DOOR	20.8	0.0
47	TAYLOR	21.5	0.1
48	KEWAUNEE	21.6	0.1
49	MARQUETTE	22.2	0.1
50	FOREST	23.0	0.2
51	RICHLAND	23.4	0.2
52	GREEN	23.4	0.2
53	ASHLAND	23.6	0.2
54	DODGE	24.6	0.3
55	TREMPEALEAU	25.2	0.4
56	COLUMBIA	25.5	0.4
57	RUSK	25.6	0.4
58	SHAWANO	26.9	0.5
59	WAUPACA	27.1	0.5
60	FLORENCE	27.4	0.6
61	OCONTO	28.7	0.7
62	MARINETTE	28.8	0.7
63	VILAS	29.6	0.8
64	ONEIDA	30.5	0.9
65	IOWA	31.8	1.0
66	CLARK	33.0	1.1
67	POLK	36.0	1.3
68	BURNETT	41.0	1.8
69	WAUSHARA	45.1	2.1
70	SAWYER	49.0	2.5
71	ADAMS	56.6	3.2
72	MENOMINEE	73.2	4.6

Sorted by County Name

Rank	County Name	Rate/100,000	Score
71	ADAMS	56.6	3.2
53	ASHLAND	23.6	0.2
37	BARRON	18.2	-0.2
42	BAYFIELD	20.0	-0.1
9	BROWN	10.6	-0.9
1	BUFFALO	6.4	-1.3
68	BURNETT	41.0	1.8
12	CALUMET	12.0	-0.8
30	CHIPPEWA	16.3	-0.4
66	CLARK	33.0	1.1
56	COLUMBIA	25.5	0.4
33	CRAWFORD	17.0	-0.3
7	DANE	9.2	-1.0
54	DODGE	24.6	0.3
46	DOOR	20.8	0.0
21	DOUGLAS	15.1	-0.5
39	DUNN	18.8	-0.2
13	EAU CLAIRE	12.2	-0.8
60	FLORENCE	27.4	0.6
18	FOND DU LAC	14.4	-0.6
50	FOREST	23.0	0.2
43	GRANT	20.2	-0.1
52	GREEN	23.4	0.2
4	GREEN LAKE	8.2	-1.1
65	IOWA	31.8	1.0
17	IRON	14.0	-0.6
16	JACKSON	13.6	-0.6
45	JEFFERSON	20.5	0.0
25	JUNEAU	15.6	-0.5
14	KENOSHA	12.3	-0.8
48	KEWAUNEE	21.6	0.1
6	LA CROSSE	8.9	-1.1
20	LAFAYETTE	15.0	-0.5
31	LANGLADE	16.4	-0.4
41	LINCOLN	19.6	-0.1
15	MANITOWOC	12.8	-0.7
22	MARATHON	15.4	-0.5
62	MARINETTE	28.8	0.7
49	MARQUETTE	22.2	0.1
72	MENOMINEE	73.2	4.6
3	MILWAUKEE	8.1	-1.1
38	MONROE	18.5	-0.2
61	OCONTO	28.7	0.7
64	ONEIDA	30.5	0.9
28	OUTAGAMIE	15.9	-0.4
8	OZAUKEE	10.6	-0.9
44	PEPIN	20.4	0.0
24	PIERCE	15.5	-0.5
67	POLK	36.0	1.3
35	PORTAGE	17.3	-0.3
19	PRICE	14.8	-0.5
27	RACINE	15.9	-0.4
51	RICHLAND	23.4	0.2
26	ROCK	15.7	-0.5
57	RUSK	25.6	0.4
40	SAUK	19.6	-0.1
70	SAWYER	49.0	2.5
58	SHAWANO	26.9	0.5
29	SHEBOYGAN	16.0	-0.4
36	ST CROIX	17.9	-0.3
47	TAYLOR	21.5	0.1
55	TREMPEALEAU	25.2	0.4
11	VERNON	11.9	-0.8
63	VILAS	29.6	0.8
10	WALWORTH	11.8	-0.8
32	WASHBURN	16.7	-0.4
34	WASHINGTON	17.0	-0.3
5	WAUKESHA	8.9	-1.1
59	WAUPACA	27.1	0.5
69	WAUSHARA	45.1	2.1
2	WINNEBAGO	7.7	-1.2
23	WOOD	15.5	-0.5

Wisconsin	N/A
Mean of counties	20.9
Standard deviation	11.3

**Wisconsin County Health Rankings – 2004
Technical Notes**

Data element	Motor vehicle crash deaths
Description	This element measures the average annual mortality rate per 100,000 in the population due to motor vehicle crashes.
Percent of total health determinants score	1.5%
Data source(s)	Wisconsin Interactive Statistics on Health (WISH), Department of Health and Family Services, Division of Public Health, Bureau of Health Information and Policy Online: http://www.dhfs.state.wi.us/wish/
Year(s) of data used	2000-2002
Calculations and other notes	Injury mortality database was used instead of the mortality database, because it contained no counties with missing data for the above time period. * Score truncated for calculation of summary scores and ranks.

Did not receive needed care

Sorted by Rank

Rank	County Name	Percent	Score
1	FLORENCE	0.0%	-1.8
1	FOREST	0.0%	-1.8
1	MENOMINEE	0.0%	-1.8
1	RICHLAND	0.0%	-1.8
1	RUSK	0.0%	-1.8
6	DOOR	0.3%	-1.5
7	BUFFALO	0.4%	-1.4
8	KEWAUNEE	0.6%	-1.2
9	BAYFIELD	0.7%	-1.1
10	OCONTO	0.8%	-1.1
11	GREEN	0.8%	-1.0
12	WOOD	0.9%	-1.0
13	CLARK	0.9%	-0.9
14	TREMPEALEAU	1.0%	-0.9
15	DODGE	1.1%	-0.8
16	BROWN	1.2%	-0.7
17	LANGLADE	1.3%	-0.6
18	BARRON	1.4%	-0.5
19	SAUK	1.4%	-0.5
20	COLUMBIA	1.5%	-0.5
21	FOND DU LAC	1.5%	-0.4
22	IOWA	1.5%	-0.4
23	WASHBURN	1.6%	-0.3
24	JACKSON	1.6%	-0.3
25	MANITOWOC	1.6%	-0.3
26	JEFFERSON	1.6%	-0.3
27	PRICE	1.7%	-0.3
28	OZAUKEE	1.7%	-0.3
29	MARATHON	1.7%	-0.3
30	PEPIN	1.7%	-0.3
31	WASHINGTON	1.8%	-0.2
32	ASHLAND	1.8%	-0.2
33	LINCOLN	1.8%	-0.2
34	OUTAGAMIE	1.8%	-0.2
35	SHEBOYGAN	1.8%	-0.1
36	RACINE	1.9%	-0.1
37	WINNEBAGO	1.9%	-0.1
38	ADAMS	2.0%	0.0
39	CRAWFORD	2.0%	0.0
40	EAU CLAIRE	2.0%	0.0
41	WAUKESHA	2.0%	0.0
42	VILAS	2.0%	0.1
43	WALWORTH	2.1%	0.1
44	LAFAYETTE	2.2%	0.2
45	MARQUETTE	2.2%	0.2
46	POLK	2.2%	0.2
47	CALUMET	2.3%	0.3
48	LA CROSSE	2.3%	0.3
49	WAUPACA	2.4%	0.3
50	DUNN	2.4%	0.4
51	MARINETTE	2.4%	0.4
52	GRANT	2.4%	0.4
53	ONEIDA	2.5%	0.4
54	PORTAGE	2.5%	0.5
55	SHAWANO	2.5%	0.5
56	VERNON	2.5%	0.5
57	KENOSHA	2.5%	0.5
58	MONROE	2.6%	0.6
59	ROCK	2.6%	0.6
60	DOUGLAS	2.8%	0.8
61	WAUSHARA	2.9%	0.8
62	ST CROIX	3.0%	0.9
63	MILWAUKEE	3.0%	0.9
64	DANE	3.0%	1.0
65	JUNEAU	3.2%	1.1
66	GREEN LAKE	3.5%	1.3
67	CHIPPEWA	3.9%	1.7
68	BURNETT	4.1%	1.9
69	SAWYER	4.2%	2.0
70	TAYLOR	4.4%	2.2
71	PIERCE	4.7%	2.5
72	IRON	5.6%	3.2

Sorted by County Name

Rank	County Name	Percent	Score
38	ADAMS	2.0%	0.0
32	ASHLAND	1.8%	-0.2
18	BARRON	1.4%	-0.5
9	BAYFIELD	0.7%	-1.1
16	BROWN	1.2%	-0.7
7	BUFFALO	0.4%	-1.4
68	BURNETT	4.1%	1.9
47	CALUMET	2.3%	0.3
67	CHIPPEWA	3.9%	1.7
13	CLARK	0.9%	-0.9
20	COLUMBIA	1.5%	-0.5
39	CRAWFORD	2.0%	0.0
64	DANE	3.0%	1.0
15	DODGE	1.1%	-0.8
6	DOOR	0.3%	-1.5
60	DOUGLAS	2.8%	0.8
50	DUNN	2.4%	0.4
40	EAU CLAIRE	2.0%	0.0
1	FLORENCE	0.0%	-1.8
21	FOND DU LAC	1.5%	-0.4
1	FOREST	0.0%	-1.8
52	GRANT	2.4%	0.4
11	GREEN	0.8%	-1.0
66	GREEN LAKE	3.5%	1.3
22	IOWA	1.5%	-0.4
72	IRON	5.6%	3.2
24	JACKSON	1.6%	-0.3
26	JEFFERSON	1.6%	-0.3
65	JUNEAU	3.2%	1.1
57	KENOSHA	2.5%	0.5
8	KEWAUNEE	0.6%	-1.2
48	LA CROSSE	2.3%	0.3
44	LAFAYETTE	2.2%	0.2
17	LANGLADE	1.3%	-0.6
33	LINCOLN	1.8%	-0.2
25	MANITOWOC	1.6%	-0.3
29	MARATHON	1.7%	-0.3
51	MARINETTE	2.4%	0.4
45	MARQUETTE	2.2%	0.2
1	MENOMINEE	0.0%	-1.8
63	MILWAUKEE	3.0%	0.9
58	MONROE	2.6%	0.6
10	OCONTO	0.8%	-1.1
53	ONEIDA	2.5%	0.4
34	OUTAGAMIE	1.8%	-0.2
28	OZAUKEE	1.7%	-0.3
30	PEPIN	1.7%	-0.3
71	PIERCE	4.7%	2.5
46	POLK	2.2%	0.2
54	PORTAGE	2.5%	0.5
27	PRICE	1.7%	-0.3
36	RACINE	1.9%	-0.1
1	RICHLAND	0.0%	-1.8
59	ROCK	2.6%	0.6
1	RUSK	0.0%	-1.8
19	SAUK	1.4%	-0.5
69	SAWYER	4.2%	2.0
55	SHAWANO	2.5%	0.5
35	SHEBOYGAN	1.8%	-0.1
62	ST CROIX	3.0%	0.9
70	TAYLOR	4.4%	2.2
14	TREMPEALEAU	1.0%	-0.9
56	VERNON	2.5%	0.5
42	VILAS	2.0%	0.1
43	WALWORTH	2.1%	0.1
23	WASHBURN	1.6%	-0.3
31	WASHINGTON	1.8%	-0.2
41	WAUKESHA	2.0%	0.0
49	WAUPACA	2.4%	0.3
61	WAUSHARA	2.9%	0.8
37	WINNEBAGO	1.9%	-0.1
12	WOOD	0.9%	-1.0

Wisconsin	2.2%
Mean of counties	2.0%
Standard deviation	1.1%

NOTE: The above data contains minor modifications compared to those used in the 2004 Wisconsin County Health Rankings.

**Wisconsin County Health Rankings – 2004
Technical Notes**

Data element	Did not receive needed health care
Description	This element measures the percentage of the population that did not get needed health care (medical care or surgery) in the twelve months prior to being interviewed. This measure is based on telephone survey sample data.
Percent of total health determinants score	3.3%
Data source(s)	Family Health Survey (FHS)
Year(s) of data used	1997-2003
Calculations and other notes	NOTE: Minor modifications have been made to these data since the construction of the 2004 county rankings to correct a detected error. While the rank for some counties may have been slightly altered, the overall impact was very small. The component data presented here have been corrected.

Nitrates in drinking water (>2mg/L)

Sorted by Rank

Rank	County Name	Percent	Score
1	DOUGLAS	0.0%	-1.3
2	MILWAUKEE	0.1%	-1.3
3	BROWN	1.2%	-1.3
4	OZAUKEE	1.3%	-1.3
5	BAYFIELD	1.4%	-1.3
6	ASHLAND	2.1%	-1.2
7	PRICE	2.7%	-1.2
8	RACINE	2.9%	-1.2
9	KEWAUNEE	3.6%	-1.2
10	OUTAGAMIE	3.6%	-1.2
11	IRON	3.9%	-1.2
12	FOND DU LAC	7.7%	-1.0
13	LINCOLN	8.0%	-1.0
14	SAWYER	9.1%	-0.9
15	BURNETT	9.3%	-0.9
16	KENOSHA	9.7%	-0.9
17	OCONTO	10.3%	-0.9
18	FLORENCE	10.7%	-0.8
19	DODGE	10.8%	-0.8
20	WINNEBAGO	12.4%	-0.8
21	WASHBURN	12.5%	-0.8
22	WAUKESHA	12.8%	-0.7
23	VILAS	12.9%	-0.7
24	SHEBOYGAN	13.3%	-0.7
25	WALWORTH	13.7%	-0.7
26	MANITOWOC	15.4%	-0.6
27	ONEIDA	15.7%	-0.6
28	RUSK	16.4%	-0.6
29	JEFFERSON	16.7%	-0.6
30	MARINETTE	18.1%	-0.5
31	WASHINGTON	19.3%	-0.4
32	JACKSON	19.8%	-0.4
33	EAU CLAIRE	20.9%	-0.4
34	LAFAYETTE	26.4%	-0.1
35	GRANT	27.4%	-0.1
36	DUNN	27.5%	-0.1
37	BUFFALO	28.1%	0.0
38	FOREST	28.3%	0.0
39	RICHLAND	28.9%	0.0
40	MENOMINEE	28.9%	0.0
41	TREMPEALEAU	29.6%	0.0
42	POLK	30.1%	0.1
43	GREEN	30.7%	0.1
44	VERNON	31.3%	0.1
45	TAYLOR	32.8%	0.2
46	IOWA	35.5%	0.3
47	JUNEAU	36.1%	0.3
48	BARRON	37.0%	0.4
49	DANE	38.9%	0.5
50	GREEN LAKE	40.2%	0.5
51	WOOD	41.9%	0.6
52	CLARK	42.5%	0.6
53	MARATHON	44.9%	0.7
54	ADAMS	45.1%	0.8
55	SAUK	46.5%	0.8
56	WAUSHARA	46.5%	0.8
57	DOOR	46.6%	0.8
58	SHAWANO	46.6%	0.8
59	ST CROIX	48.7%	0.9
60	CRAWFORD	48.9%	0.9
61	MARQUETTE	49.5%	1.0
62	PIERCE	50.2%	1.0
63	WAUPACA	52.1%	1.1
64	PEPIN	53.4%	1.1
65	COLUMBIA	54.5%	1.2
66	CALUMET	58.0%	1.4
67	LANGLADE	62.0%	1.5
68	CHIPPEWA	64.9%	1.7
69	MONROE	69.2%	1.9
70	LA CROSSE	80.7%	2.4
71	ROCK	83.1%	2.5
72	PORTAGE	87.4%	2.7

**

Sorted by County Name

Rank	County Name	Percent	Score
54	ADAMS	45.1%	0.8
6	ASHLAND	2.1%	-1.2
48	BARRON	37.0%	0.4
5	BAYFIELD	1.4%	-1.3
3	BROWN	1.2%	-1.3
37	BUFFALO	28.1%	0.0
15	BURNETT	9.3%	-0.9
66	CALUMET	58.0%	1.4
68	CHIPPEWA	64.9%	1.7
52	CLARK	42.5%	0.6
65	COLUMBIA	54.5%	1.2
60	CRAWFORD	48.9%	0.9
49	DANE	38.9%	0.5
19	DODGE	10.8%	-0.8
57	DOOR	46.6%	0.8
1	DOUGLAS	0.0%	-1.3
36	DUNN	27.5%	-0.1
33	EAU CLAIRE	20.9%	-0.4
18	FLORENCE	10.7%	-0.8
12	FOND DU LAC	7.7%	-1.0
38	FOREST	28.3%	0.0
35	GRANT	27.4%	-0.1
43	GREEN	30.7%	0.1
50	GREEN LAKE	40.2%	0.5
46	IOWA	35.5%	0.3
11	IRON	3.9%	-1.2
32	JACKSON	19.8%	-0.4
29	JEFFERSON	16.7%	-0.6
47	JUNEAU	36.1%	0.3
16	KENOSHA	9.7%	-0.9
9	KEWAUNEE	3.6%	-1.2
70	LA CROSSE	80.7%	2.4
34	LAFAYETTE	26.4%	-0.1
67	LANGLADE	62.0%	1.5
13	LINCOLN	8.0%	-1.0
26	MANITOWOC	15.4%	-0.6
53	MARATHON	44.9%	0.7
30	MARINETTE	18.1%	-0.5
61	MARQUETTE	49.5%	1.0
40	MENOMINEE	28.9%	0.0
2	MILWAUKEE	0.1%	-1.3
69	MONROE	69.2%	1.9
17	OCONTO	10.3%	-0.9
27	ONEIDA	15.7%	-0.6
10	OUTAGAMIE	3.6%	-1.2
4	OZAUKEE	1.3%	-1.3
64	PEPIN	53.4%	1.1
62	PIERCE	50.2%	1.0
42	POLK	30.1%	0.1
72	PORTAGE	87.4%	2.7
7	PRICE	2.7%	-1.2
8	RACINE	2.9%	-1.2
39	RICHLAND	28.9%	0.0
71	ROCK	83.1%	2.5
28	RUSK	16.4%	-0.6
55	SAUK	46.5%	0.8
14	SAWYER	9.1%	-0.9
58	SHAWANO	46.6%	0.8
24	SHEBOYGAN	13.3%	-0.7
59	ST CROIX	48.7%	0.9
45	TAYLOR	32.8%	0.2
41	TREMPEALEAU	29.6%	0.0
44	VERNON	31.3%	0.1
23	VILAS	12.9%	-0.7
25	WALWORTH	13.7%	-0.7
21	WASHBURN	12.5%	-0.8
31	WASHINGTON	19.3%	-0.4
22	WAUKESHA	12.8%	-0.7
63	WAUPACA	52.1%	1.1
56	WAUSHARA	46.5%	0.8
20	WINNEBAGO	12.4%	-0.8
51	WOOD	41.9%	0.6

**

Wisconsin	N/A
Mean of counties	28.9%
Standard deviation	21.5%

**Wisconsin County Health Rankings – 2004
Technical Notes**

Data element	Nitrates in drinking water (> 2mg/L)
Description	This element measures the presence of nitrates in the private and municipal water supply above the Preventative Action Level of 2 mg/L.
Percent of total health determinants score	1.67%
Data source(s)	Bureau of Drinking Water and Groundwater, Division of Water, Wisconsin Department of Natural Resources Online: http://www.dnr.state.wi.us/org/water/dwg/
Year(s) of data used	2003
Calculations and other notes	A detailed description of the methods used for nitrates can be found online. ** Estimated value

Nitrates in drinking water (>10 mg/L)

Sorted by Rank

Rank	County Name	Percent	Score
1	ASHLAND	0.0%	-0.9
1	BAYFIELD	0.0%	-0.9
1	BURNETT	0.0%	-0.9
1	CLARK	0.0%	-0.9
1	DOUGLAS	0.0%	-0.9
1	FLORENCE	0.0%	-0.9
1	IRON	0.0%	-0.9
1	KEWAUNEE	0.0%	-0.9
1	MILWAUKEE	0.0%	-0.9
1	OUTAGAMIE	0.0%	-0.9
1	OZAUKEE	0.0%	-0.9
1	PRICE	0.0%	-0.9
1	ST CROIX	0.0%	-0.9
1	TAYLOR	0.0%	-0.9
15	SHAWANO	0.3%	-0.8
16	BROWN	0.4%	-0.7
17	RACINE	0.4%	-0.7
18	LINCOLN	0.4%	-0.7
19	WASHBURN	0.5%	-0.7
20	WOOD	0.6%	-0.7
21	EAU CLAIRE	0.6%	-0.6
22	OCONTO	0.6%	-0.6
23	WINNEBAGO	0.6%	-0.6
24	MANITOWOC	0.7%	-0.6
25	FOND DU LAC	0.7%	-0.6
26	CRAWFORD	0.8%	-0.5
27	LANGLADE	0.9%	-0.5
28	VILAS	1.0%	-0.4
29	JEFFERSON	1.0%	-0.4
30	WAUKESHA	1.1%	-0.4
31	POLK	1.1%	-0.4
32	DOOR	1.2%	-0.4
33	DODGE	1.2%	-0.4
34	VERNON	1.3%	-0.3
35	ONEIDA	1.3%	-0.3
36	WASHINGTON	1.4%	-0.2
37	FOREST	1.5%	-0.2
38	JACKSON	1.5%	-0.2
39	WALWORTH	1.6%	-0.2
40	RUSK	1.7%	-0.1
41	SHEBOYGAN	1.7%	-0.1
42	MARATHON	1.8%	-0.1
43	JUNEAU	1.8%	0.0
44	CHIPPEWA	1.8%	0.0
45	GRANT	1.9%	0.0
46	LA CROSSE	1.9%	0.0
47	MENOMINEE	1.9%	0.0
48	TREMPEALEAU	1.9%	0.0
49	SAUK	2.2%	0.2
50	MARINETTE	2.2%	0.2
51	BUFFALO	2.3%	0.2
52	KENOSHA	2.4%	0.3
53	WAUSHARA	2.8%	0.5
54	DANE	2.9%	0.5
55	MARQUETTE	3.0%	0.5
56	DUNN	3.0%	0.6
57	BARRON	3.0%	0.6
58	GREEN LAKE	3.1%	0.6
59	WAUPACA	3.3%	0.7
60	GREEN	3.3%	0.7
61	IOWA	3.3%	0.7
62	ROCK	3.5%	0.8
63	PIERCE	3.6%	0.8
64	RICHLAND	3.7%	0.9
65	SAWYER	4.0%	1.1
66	MONROE	4.0%	1.1
67	LAFAYETTE	5.4%	1.8
68	PORTAGE	5.7%	1.9
69	PEPIN	5.8%	2.0
70	COLUMBIA	6.1%	2.1
71	ADAMS	6.4%	2.3
72	CALUMET	11.9%	5.0

Sorted by County Name

Rank	County Name	Percent	Score
71	ADAMS	6.4%	2.3
1	ASHLAND	0.0%	-0.9
57	BARRON	3.0%	0.6
1	BAYFIELD	0.0%	-0.9
16	BROWN	0.4%	-0.7
51	BUFFALO	2.3%	0.2
1	BURNETT	0.0%	-0.9
72	CALUMET	11.9%	5.0
44	CHIPPEWA	1.8%	0.0
1	CLARK	0.0%	-0.9
70	COLUMBIA	6.1%	2.1
26	CRAWFORD	0.8%	-0.5
54	DANE	2.9%	0.5
33	DODGE	1.2%	-0.4
32	DOOR	1.2%	-0.4
1	DOUGLAS	0.0%	-0.9
56	DUNN	3.0%	0.6
21	EAU CLAIRE	0.6%	-0.6
1	FLORENCE	0.0%	-0.9
25	FOND DU LAC	0.7%	-0.6
37	FOREST	1.5%	-0.2
45	GRANT	1.9%	0.0
60	GREEN	3.3%	0.7
58	GREEN LAKE	3.1%	0.6
61	IOWA	3.3%	0.7
1	IRON	0.0%	-0.9
38	JACKSON	1.5%	-0.2
29	JEFFERSON	1.0%	-0.4
43	JUNEAU	1.8%	0.0
52	KENOSHA	2.4%	0.3
1	KEWAUNEE	0.0%	-0.9
46	LA CROSSE	1.9%	0.0
67	LAFAYETTE	5.4%	1.8
27	LANGLADE	0.9%	-0.5
18	LINCOLN	0.4%	-0.7
24	MANITOWOC	0.7%	-0.6
42	MARATHON	1.8%	-0.1
50	MARINETTE	2.2%	0.2
55	MARQUETTE	3.0%	0.5
47	MENOMINEE	1.9%	0.0
1	MILWAUKEE	0.0%	-0.9
66	MONROE	4.0%	1.1
22	OCONTO	0.6%	-0.6
35	ONEIDA	1.3%	-0.3
1	OUTAGAMIE	0.0%	-0.9
1	OZAUKEE	0.0%	-0.9
69	PEPIN	5.8%	2.0
63	PIERCE	3.6%	0.8
31	POLK	1.1%	-0.4
68	PORTAGE	5.7%	1.9
1	PRICE	0.0%	-0.9
17	RACINE	0.4%	-0.7
64	RICHLAND	3.7%	0.9
62	ROCK	3.5%	0.8
40	RUSK	1.7%	-0.1
49	SAUK	2.2%	0.2
65	SAWYER	4.0%	1.1
15	SHAWANO	0.3%	-0.8
41	SHEBOYGAN	1.7%	-0.1
1	ST CROIX	0.0%	-0.9
1	TAYLOR	0.0%	-0.9
48	TREMPEALEAU	1.9%	0.0
34	VERNON	1.3%	-0.3
28	VILAS	1.0%	-0.4
39	WALWORTH	1.6%	-0.2
19	WASHBURN	0.5%	-0.7
36	WASHINGTON	1.4%	-0.2
30	WAUKESHA	1.1%	-0.4
59	WAUPACA	3.3%	0.7
53	WAUSHARA	2.8%	0.5
23	WINNEBAGO	0.6%	-0.6
20	WOOD	0.6%	-0.7

Wisconsin	N/A
Mean of counties	1.9%
Standard deviation	2.0%

**Wisconsin County Health Rankings – 2004
Technical Notes**

Data element	Nitrates in drinking water (> 10mg/L)
Description	This element measures the presence of nitrates in the private and municipal water supply above the Enforcement Standard of 10 mg/L.
Percent of total health determinants score	1.67%
Data source(s)	Bureau of Drinking Water and Groundwater, Division of Water, Wisconsin Department of Natural Resources Online: http://www.dnr.state.wi.us/org/water/dwg/
Year(s) of data used	2003
Calculations and other notes	A detailed description of the methods used for nitrates can be found online. * Score truncated for calculation of summary scores and ranks. ** Estimated value

No health insurance

Sorted by Rank

Rank	County Name	Percent	Score
1	TREMPEALEAU	3.1%	-1.4
2	DOOR	3.1%	-1.4
3	WASHINGTON	3.1%	-1.3
4	WAUKESHA	3.2%	-1.3
5	OUTAGAMIE	3.5%	-1.2
6	SHEBOYGAN	3.5%	-1.2
7	COLUMBIA	3.6%	-1.2
8	CALUMET	3.6%	-1.2
9	TAYLOR	3.8%	-1.1
10	LANGLADE	3.8%	-1.1
11	OZAUKEE	3.9%	-1.1
12	BARRON	4.5%	-0.9
13	POLK	5.0%	-0.8
14	IOWA	5.0%	-0.8
15	MARATHON	5.1%	-0.7
16	MANITOWOC	5.2%	-0.7
17	DANE	5.2%	-0.7
18	KEWAUNEE	5.2%	-0.7
19	FOREST	5.3%	-0.7
20	GREEN LAKE	5.3%	-0.7
21	FOND DU LAC	5.6%	-0.6
22	WINNEBAGO	5.6%	-0.6
23	JEFFERSON	5.6%	-0.6
24	BUFFALO	5.7%	-0.6
25	PORTAGE	5.7%	-0.6
26	EAU CLAIRE	5.7%	-0.6
27	MARQUETTE	5.8%	-0.5
28	WOOD	5.8%	-0.5
29	BROWN	6.0%	-0.5
30	GRANT	6.0%	-0.5
31	JACKSON	6.1%	-0.4
32	WALWORTH	6.2%	-0.4
33	LA CROSSE	6.3%	-0.4
34	DODGE	6.3%	-0.4
35	ST CROIX	6.3%	-0.4
36	ROCK	6.7%	-0.3
37	ONEIDA	6.7%	-0.2
38	LINCOLN	6.9%	-0.2
39	LAFAYETTE	7.0%	-0.2
40	RACINE	7.1%	-0.1
41	SAUK	7.1%	-0.1
42	MARINETTE	7.2%	-0.1
43	ADAMS	7.3%	-0.1
44	GREEN	7.4%	0.0
45	MILWAUKEE	7.9%	0.1
46	OCONTO	8.1%	0.2
47	VERNON	8.4%	0.2
48	VILAS	8.8%	0.4
49	PRICE	9.3%	0.5
50	MONROE	9.5%	0.6
51	KENOSHA	9.6%	0.6
52	JUNEAU	9.6%	0.6
53	RICHLAND	9.7%	0.7
54	DUNN	9.9%	0.7
55	SHAWANO	10.0%	0.8
56	WASHBURN	10.2%	0.8
57	DOUGLAS	10.6%	0.9
58	WAUSHARA	10.6%	0.9
59	CHIPPEWA	10.7%	1.0
60	CLARK	10.8%	1.0
61	BAYFIELD	10.9%	1.0
62	PIERCE	10.9%	1.0
63	WAUPACA	11.2%	1.1
64	MENOMINEE	11.2%	1.1
65	ASHLAND	11.3%	1.1
66	FLORENCE	11.4%	1.2
67	CRAWFORD	11.6%	1.2
68	RUSK	11.7%	1.3
69	PEPIN	12.7%	1.6
70	BURNETT	14.2%	2.0
71	SAWYER	15.8%	2.5
72	IRON	20.5%	3.9

Sorted by County Name

Rank	County Name	Percent	Score
43	ADAMS	7.3%	-0.1
65	ASHLAND	11.3%	1.1
12	BARRON	4.5%	-0.9
61	BAYFIELD	10.9%	1.0
29	BROWN	6.0%	-0.5
24	BUFFALO	5.7%	-0.6
70	BURNETT	14.2%	2.0
8	CALUMET	3.6%	-1.2
59	CHIPPEWA	10.7%	1.0
60	CLARK	10.8%	1.0
7	COLUMBIA	3.6%	-1.2
67	CRAWFORD	11.6%	1.2
17	DANE	5.2%	-0.7
34	DODGE	6.3%	-0.4
2	DOOR	3.1%	-1.4
57	DOUGLAS	10.6%	0.9
54	DUNN	9.9%	0.7
26	EAU CLAIRE	5.7%	-0.6
66	FLORENCE	11.4%	1.2
21	FOND DU LAC	5.6%	-0.6
19	FOREST	5.3%	-0.7
30	GRANT	6.0%	-0.5
44	GREEN	7.4%	0.0
20	GREEN LAKE	5.3%	-0.7
14	IOWA	5.0%	-0.8
72	IRON	20.5%	3.9
31	JACKSON	6.1%	-0.4
23	JEFFERSON	5.6%	-0.6
52	JUNEAU	9.6%	0.6
51	KENOSHA	9.6%	0.6
18	KEWAUNEE	5.2%	-0.7
33	LA CROSSE	6.3%	-0.4
39	LAFAYETTE	7.0%	-0.2
10	LANGLADE	3.8%	-1.1
38	LINCOLN	6.9%	-0.2
16	MANITOWOC	5.2%	-0.7
15	MARATHON	5.1%	-0.7
42	MARINETTE	7.2%	-0.1
27	MARQUETTE	5.8%	-0.5
64	MENOMINEE	11.2%	1.1
45	MILWAUKEE	7.9%	0.1
50	MONROE	9.5%	0.6
46	OCONTO	8.1%	0.2
37	ONEIDA	6.7%	-0.2
5	OUTAGAMIE	3.5%	-1.2
11	OZAUKEE	3.9%	-1.1
69	PEPIN	12.7%	1.6
62	PIERCE	10.9%	1.0
13	POLK	5.0%	-0.8
25	PORTAGE	5.7%	-0.6
49	PRICE	9.3%	0.5
40	RACINE	7.1%	-0.1
53	RICHLAND	9.7%	0.7
36	ROCK	6.7%	-0.3
68	RUSK	11.7%	1.3
41	SAUK	7.1%	-0.1
71	SAWYER	15.8%	2.5
55	SHAWANO	10.0%	0.8
6	SHEBOYGAN	3.5%	-1.2
35	ST CROIX	6.3%	-0.4
9	TAYLOR	3.8%	-1.1
1	TREMPEALEAU	3.1%	-1.4
47	VERNON	8.4%	0.2
48	VILAS	8.8%	0.4
32	WALWORTH	6.2%	-0.4
56	WASHBURN	10.2%	0.8
3	WASHINGTON	3.1%	-1.3
4	WAUKESHA	3.2%	-1.3
63	WAUPACA	11.2%	1.1
58	WAUSHARA	10.6%	0.9
22	WINNEBAGO	5.6%	-0.6
28	WOOD	5.8%	-0.5

Wisconsin	6.4%
Mean of counties	7.5%
Standard deviation	3.3%

NOTE: The above data contains minor modifications compared to those used in the 2004 Wisconsin County Health Rankings.

**Wisconsin County Health Rankings – 2004
Technical Notes**

Data element	No health insurance
Description	This element measures the percentage of the population without health care coverage of any kind, including prepaid plans, HMOs, or government plans such as Medicare. This measure is based on telephone survey sample data.
Percent of total health determinants score	3.3%
Data source(s)	Family Health Survey (FHS)
Year(s) of data used	1997-2003
Calculations and other notes	NOTE: Minor modifications have been made to these data since the construction of the 2004 county rankings to correct a detected error. While the rank for some counties may have been slightly altered, the overall impact was very small. The component data presented here have been corrected.

Median non-cancer risk due to air pollution

Sorted by Rank

Rank	County Name	Hazard Index	Score
1	BAYFIELD	0.28	-1.0
2	PRICE	0.42	-0.9
3	CRAWFORD	0.43	-0.8
4	FOREST	0.45	-0.8
5	ASHLAND	0.48	-0.8
6	MENOMINEE	0.50	-0.8
7	BURNETT	0.50	-0.8
8	LAFAYETTE	0.50	-0.8
9	FLORENCE	0.51	-0.8
10	JACKSON	0.52	-0.8
11	MARINETTE	0.60	-0.7
12	DOOR	0.61	-0.7
13	VERNON	0.62	-0.7
14	GRANT	0.62	-0.7
15	MONROE	0.64	-0.7
16	RUSK	0.65	-0.7
17	WASHBURN	0.68	-0.7
18	CLARK	0.69	-0.6
19	OCONTO	0.72	-0.6
20	RICHLAND	0.73	-0.6
21	IOWA	0.73	-0.6
22	TAYLOR	0.73	-0.6
23	TREMPEALEAU	0.74	-0.6
24	SAWYER	0.78	-0.6
25	BUFFALO	0.80	-0.6
26	PEPIN	0.82	-0.5
27	IRON	0.82	-0.5
27	WAUSHARA	0.82	-0.5
29	ADAMS	0.85	-0.5
30	LINCOLN	0.90	-0.5
31	SHAWANO	0.91	-0.5
32	MARQUETTE	0.95	-0.5
33	JUNEAU	0.98	-0.4
34	KEWAUNEE	0.99	-0.4
35	GREEN LAKE	1.02	-0.4
36	WAUPACA	1.03	-0.4
37	BARRON	1.04	-0.4
38	DUNN	1.11	-0.3
39	LANGLADE	1.16	-0.3
40	VILAS	1.18	-0.3
41	DODGE	1.23	-0.2
42	CALUMET	1.26	-0.2
43	ONEIDA	1.30	-0.2
44	POLK	1.34	-0.2
45	MANITOWOC	1.47	-0.1
46	GREEN	1.51	0.0
47	SAUK	1.51	0.0
48	PIERCE	1.61	0.1
49	SHEBOYGAN	1.62	0.1
50	MARATHON	1.65	0.1
51	FOND DU LAC	1.68	0.1
52	CHIPPEWA	1.74	0.2
53	JEFFERSON	1.86	0.2
54	PORTAGE	1.87	0.3
54	WOOD	1.87	0.3
56	COLUMBIA	1.93	0.3
57	WASHINGTON	2.18	0.5
58	LA CROSSE	2.46	0.7
59	DOUGLAS	2.49	0.7
60	WALWORTH	2.63	0.8
61	WINNEBAGO	2.72	0.9
62	BROWN	2.76	0.9
63	ROCK	2.86	1.0
64	OUTAGAMIE	2.92	1.1
65	DANE	3.22	1.3
66	EAU CLAIRE	3.29	1.3
67	OZAUKEE	3.38	1.4
68	ST CROIX	3.69	1.6
69	RACINE	4.03	1.9
70	KENOSHA	4.07	1.9
71	WAUKESHA	4.40	2.2
72	MILWAUKEE	8.70	5.5

Sorted by County Name

Rank	County Name	Median	Score
29	ADAMS	0.85	-0.5
5	ASHLAND	0.48	-0.8
37	BARRON	1.04	-0.4
1	BAYFIELD	0.28	-1.0
62	BROWN	2.76	0.9
25	BUFFALO	0.80	-0.6
7	BURNETT	0.50	-0.8
42	CALUMET	1.26	-0.2
52	CHIPPEWA	1.74	0.2
18	CLARK	0.69	-0.6
56	COLUMBIA	1.93	0.3
3	CRAWFORD	0.43	-0.8
65	DANE	3.22	1.3
41	DODGE	1.23	-0.2
12	DOOR	0.61	-0.7
59	DOUGLAS	2.49	0.7
38	DUNN	1.11	-0.3
66	EAU CLAIRE	3.29	1.3
9	FLORENCE	0.51	-0.8
51	FOND DU LAC	1.68	0.1
4	FOREST	0.45	-0.8
14	GRANT	0.62	-0.7
46	GREEN	1.51	0.0
35	GREEN LAKE	1.02	-0.4
21	IOWA	0.73	-0.6
27	IRON	0.82	-0.5
10	JACKSON	0.52	-0.8
53	JEFFERSON	1.86	0.2
33	JUNEAU	0.98	-0.4
70	KENOSHA	4.07	1.9
34	KEWAUNEE	0.99	-0.4
58	LA CROSSE	2.46	0.7
8	LAFAYETTE	0.50	-0.8
39	LANGLADE	1.16	-0.3
30	LINCOLN	0.90	-0.5
45	MANITOWOC	1.47	-0.1
50	MARATHON	1.65	0.1
11	MARINETTE	0.60	-0.7
32	MARQUETTE	0.95	-0.5
6	MENOMINEE	0.50	-0.8
72	MILWAUKEE	8.70	5.5
15	MONROE	0.64	-0.7
19	OCONTO	0.72	-0.6
43	ONEIDA	1.30	-0.2
64	OUTAGAMIE	2.92	1.1
67	OZAUKEE	3.38	1.4
26	PEPIN	0.82	-0.5
48	PIERCE	1.61	0.1
44	POLK	1.34	-0.2
54	PORTAGE	1.87	0.3
2	PRICE	0.42	-0.9
69	RACINE	4.03	1.9
20	RICHLAND	0.73	-0.6
63	ROCK	2.86	1.0
16	RUSK	0.65	-0.7
47	SAUK	1.51	0.0
24	SAWYER	0.78	-0.6
31	SHAWANO	0.91	-0.5
49	SHEBOYGAN	1.62	0.1
68	ST CROIX	3.69	1.6
22	TAYLOR	0.73	-0.6
23	TREMPEALEAU	0.74	-0.6
13	VERNON	0.62	-0.7
40	VILAS	1.18	-0.3
60	WALWORTH	2.63	0.8
17	WASHBURN	0.68	-0.7
57	WASHINGTON	2.18	0.5
71	WAUKESHA	4.40	2.2
36	WAUPACA	1.03	-0.4
27	WAUSHARA	0.82	-0.5
61	WINNEBAGO	2.72	0.9
54	WOOD	1.87	0.3

Wisconsin median	2.69
Mean of counties	1.54
Standard deviation	1.31

Wisconsin County Health Rankings – 2004
Technical Notes

Data element	Non-cancer health hazard due to inhalation of air pollutants
Description	This element measures the cumulative hazard of adverse (non-cancer) health effects due to inhalation of multiple pollutants based on EPA modeling of emissions.
Percent of total health determinants score	0.83%
Data source(s)	National Air Toxics Assessment, U. S. Environmental Protection Agency Online: http://www.epa.gov/ttn/atw/nata/
Year(s) of data used	1996
Calculations and other notes	* Score truncated for calculation of summary scores and ranks.

No recent dentist visit

Sorted by Rank

Rank	County Name	Percent	Score
1	OZAUKEE	33.9%	-1.9
2	FLORENCE	34.6%	-1.8
3	JEFFERSON	37.1%	-1.5
4	OUTAGAMIE	37.3%	-1.5
5	CALUMET	38.1%	-1.4
6	PORTAGE	38.6%	-1.3
7	WASHINGTON	38.6%	-1.3
8	WAUKESHA	38.7%	-1.3
9	BROWN	40.2%	-1.1
10	DANE	40.4%	-1.1
11	LA CROSSE	40.8%	-1.0
12	WINNEBAGO	41.3%	-1.0
13	FOND DU LAC	41.9%	-0.9
14	MANITOWOC	42.4%	-0.8
15	ROCK	42.5%	-0.8
16	DOOR	42.5%	-0.8
17	WALWORTH	42.5%	-0.8
18	SHEBOYGAN	42.8%	-0.8
19	MARINETTE	42.9%	-0.8
20	WOOD	43.2%	-0.7
21	MARATHON	43.5%	-0.7
22	PIERCE	43.6%	-0.7
23	DODGE	44.7%	-0.5
24	ONEIDA	44.7%	-0.5
25	EAU CLAIRE	44.8%	-0.5
26	GREEN LAKE	45.0%	-0.5
27	IRON	45.1%	-0.5
28	CHIPPEWA	45.2%	-0.5
29	PRICE	45.6%	-0.4
30	RACINE	45.7%	-0.4
31	IOWA	45.8%	-0.4
32	BUFFALO	46.6%	-0.3
33	SAUK	47.0%	-0.2
34	LAFAYETTE	47.1%	-0.2
35	POLK	47.1%	-0.2
36	OCONTO	47.5%	-0.2
37	VILAS	48.1%	-0.1
38	GRANT	48.4%	0.0
39	CLARK	48.5%	0.0
40	DOUGLAS	48.9%	0.0
41	RUSK	49.3%	0.1
42	KENOSHA	50.0%	0.2
43	TREMPEALEAU	50.1%	0.2
44	MILWAUKEE	50.3%	0.2
45	WAUSHARA	50.6%	0.2
46	BURNETT	50.8%	0.3
47	ST CROIX	51.0%	0.3
48	WAUPACA	51.5%	0.4
49	VERNON	51.7%	0.4
50	ADAMS	51.9%	0.4
51	COLUMBIA	52.2%	0.5
52	JUNEAU	53.3%	0.6
53	KEWAUNEE	53.3%	0.6
54	LINCOLN	53.5%	0.6
55	WASHBURN	53.5%	0.6
56	BARRON	54.3%	0.7
57	SHAWANO	54.8%	0.8
58	MONROE	55.0%	0.8
59	GREEN	55.2%	0.8
60	CRAWFORD	55.9%	0.9
61	BAYFIELD	56.0%	0.9
62	MARQUETTE	58.1%	1.2
63	MENOMINEE	58.1%	1.2
64	SAWYER	58.6%	1.3
65	FOREST	58.8%	1.3
66	JACKSON	59.9%	1.5
67	LANGLADE	60.3%	1.5
68	DUNN	61.6%	1.7
69	RICHLAND	62.9%	1.8
70	PEPIN	66.8%	2.3
71	TAYLOR	67.1%	2.4
72	ASHLAND	68.1%	2.5

Sorted by County Name

Rank	County Name	Percent	Score
50	ADAMS	51.9%	0.4
72	ASHLAND	68.1%	2.5
56	BARRON	54.3%	0.7
61	BAYFIELD	56.0%	0.9
9	BROWN	40.2%	-1.1
32	BUFFALO	46.6%	-0.3
46	BURNETT	50.8%	0.3
5	CALUMET	38.1%	-1.4
28	CHIPPEWA	45.2%	-0.5
39	CLARK	48.5%	0.0
51	COLUMBIA	52.2%	0.5
60	CRAWFORD	55.9%	0.9
10	DANE	40.4%	-1.1
23	DODGE	44.7%	-0.5
16	DOOR	42.5%	-0.8
40	DOUGLAS	48.9%	0.0
68	DUNN	61.6%	1.7
25	EAU CLAIRE	44.8%	-0.5
2	FLORENCE	34.6%	-1.8
13	FOND DU LAC	41.9%	-0.9
65	FOREST	58.8%	1.3
38	GRANT	48.4%	0.0
59	GREEN	55.2%	0.8
26	GREEN LAKE	45.0%	-0.5
31	IOWA	45.8%	-0.4
27	IRON	45.1%	-0.5
66	JACKSON	59.9%	1.5
3	JEFFERSON	37.1%	-1.5
52	JUNEAU	53.3%	0.6
42	KENOSHA	50.0%	0.2
53	KEWAUNEE	53.3%	0.6
11	LA CROSSE	40.8%	-1.0
34	LAFAYETTE	47.1%	-0.2
67	LANGLADE	60.3%	1.5
54	LINCOLN	53.5%	0.6
14	MANITOWOC	42.4%	-0.8
21	MARATHON	43.5%	-0.7
19	MARINETTE	42.9%	-0.8
62	MARQUETTE	58.1%	1.2
63	MENOMINEE	58.1%	1.2
44	MILWAUKEE	50.3%	0.2
58	MONROE	55.0%	0.8
36	OCONTO	47.5%	-0.2
24	ONEIDA	44.7%	-0.5
4	OUTAGAMIE	37.3%	-1.5
1	OZAUKEE	33.9%	-1.9
70	PEPIN	66.8%	2.3
22	PIERCE	43.6%	-0.7
35	POLK	47.1%	-0.2
6	PORTAGE	38.6%	-1.3
29	PRICE	45.6%	-0.4
30	RACINE	45.7%	-0.4
69	RICHLAND	62.9%	1.8
15	ROCK	42.5%	-0.8
41	RUSK	49.3%	0.1
33	SAUK	47.0%	-0.2
64	SAWYER	58.6%	1.3
57	SHAWANO	54.8%	0.8
18	SHEBOYGAN	42.8%	-0.8
47	ST CROIX	51.0%	0.3
71	TAYLOR	67.1%	2.4
43	TREMPEALEAU	50.1%	0.2
49	VERNON	51.7%	0.4
37	VILAS	48.1%	-0.1
17	WALWORTH	42.5%	-0.8
55	WASHBURN	53.5%	0.6
7	WASHINGTON	38.6%	-1.3
8	WAUKESHA	38.7%	-1.3
48	WAUPACA	51.5%	0.4
45	WAUSHARA	50.6%	0.2
12	WINNEBAGO	41.3%	-1.0
20	WOOD	43.2%	-0.7

Wisconsin	45.4%
Mean of counties	48.7%
Standard deviation	7.7%

NOTE: The above data contains minor modifications compared to those used in the 2004 Wisconsin County Health Rankings.

**Wisconsin County Health Rankings – 2004
Technical Notes**

Data element	No recent dentist visit
Description	This element measures the percentage of the population that did not see a dentist in the last six months prior to being interviewed. This measure is based on telephone survey sample data.
Percent of total health determinants score	3.3%
Data source(s)	Family Health Survey (FHS)
Year(s) of data used	1997-2003
Calculations and other notes	NOTE: Minor modifications have been made to these data since the construction of the 2004 county rankings to correct a detected error. While the rank for some counties may have been slightly altered, the overall impact was very small. The component data presented here have been corrected.

Obesity (Body mass index \geq 30kg/m²)

Sorted by Rank

Rank	County Name	Prevalence	Score
1	BAYFIELD	10.0%	-2.5
2	PIERCE	12.0%	-2.1
3	GREEN	12.3%	-2.1
4	ONEIDA	14.9%	-1.6
5	DANE	15.5%	-1.4
6	LAFAYETTE	15.6%	-1.4
7	WAUKESHA	16.1%	-1.3
8	IRON	17.0%	-1.1
9	LA CROSSE	17.2%	-1.1
10	OUTAGAMIE	18.2%	-0.9
11	LINCOLN	18.4%	-0.9
12	OZAUKEE	18.5%	-0.9
13	BROWN	18.9%	-0.8
14	WASHINGTON	19.1%	-0.7
15	MILWAUKEE	19.4%	-0.7
16	DUNN	19.7%	-0.6
17	CALUMET	19.9%	-0.6
18	EAU CLAIRE	19.9%	-0.6
19	POLK	20.0%	-0.6
20	COLUMBIA	20.1%	-0.5
21	BARRON	20.4%	-0.5
22	WINNEBAGO	20.6%	-0.4
23	RACINE	20.6%	-0.4
24	WALWORTH	20.7%	-0.4
25	SHEBOYGAN	20.9%	-0.4
26	CRAWFORD	21.5%	-0.3
27	BURNETT	21.8%	-0.2
28	WOOD	21.8%	-0.2
29	DOUGLAS	21.8%	-0.2
30	RICHLAND	21.9%	-0.2
31	KENOSHA	22.1%	-0.2
32	ROCK	22.1%	-0.2
33	CHIPPEWA	22.1%	-0.1
34	FOREST	22.4%	-0.1
35	SAWYER	22.5%	-0.1
36	ASHLAND	22.5%	-0.1
37	SHAWANO	22.6%	-0.1
38	PORTAGE	22.7%	0.0
39	JACKSON	22.8%	0.0
40	KEWAUNEE	23.2%	0.1
41	VERNON	23.3%	0.1
42	IOWA	23.4%	0.1
43	MANITOWOC	23.4%	0.1
44	MARATHON	23.5%	0.1
45	GREEN LAKE	23.5%	0.1
46	FOND DU LAC	23.5%	0.1
47	MARINETTE	23.7%	0.2
48	ST CROIX	23.8%	0.2
49	CLARK	23.9%	0.2
50	TREMPEALEAU	24.0%	0.2
51	FLORENCE	24.3%	0.3
52	DOOR	24.4%	0.3
53	VILAS	24.6%	0.3
54	SAUK	24.9%	0.4
55	MARQUETTE	25.3%	0.5
56	WAUPACA	25.3%	0.5
57	OCONTO	26.6%	0.7
58	ADAMS	26.7%	0.7
59	JEFFERSON	26.7%	0.8
60	GRANT	26.8%	0.8
61	PRICE	27.3%	0.9
62	DODGE	28.3%	1.1
63	MONROE	28.5%	1.1
64	WAUSHARA	29.2%	1.2
65	RUSK	29.3%	1.3
66	WASHBURN	29.4%	1.3
67	BUFFALO	29.6%	1.3
68	LANGLADE	31.9%	1.8
69	PEPIN	32.5%	1.9
70	JUNEAU	33.0%	2.0
71	TAYLOR	36.9%	2.8
72	MENOMINEE	37.2%	2.8

Sorted by County Name

Rank	County Name	Prevalence	Score
58	ADAMS	26.7%	0.7
36	ASHLAND	22.5%	-0.1
21	BARRON	20.4%	-0.5
1	BAYFIELD	10.0%	-2.5
13	BROWN	18.9%	-0.8
67	BUFFALO	29.6%	1.3
27	BURNETT	21.8%	-0.2
17	CALUMET	19.9%	-0.6
33	CHIPPEWA	22.1%	-0.1
49	CLARK	23.9%	0.2
20	COLUMBIA	20.1%	-0.5
26	CRAWFORD	21.5%	-0.3
5	DANE	15.5%	-1.4
62	DODGE	28.3%	1.1
52	DOOR	24.4%	0.3
29	DOUGLAS	21.8%	-0.2
16	DUNN	19.7%	-0.6
18	EAU CLAIRE	19.9%	-0.6
51	FLORENCE	24.3%	0.3
46	FOND DU LAC	23.5%	0.1
34	FOREST	22.4%	-0.1
60	GRANT	26.8%	0.8
3	GREEN	12.3%	-2.1
45	GREEN LAKE	23.5%	0.1
42	IOWA	23.4%	0.1
8	IRON	17.0%	-1.1
39	JACKSON	22.8%	0.0
59	JEFFERSON	26.7%	0.8
70	JUNEAU	33.0%	2.0
31	KENOSHA	22.1%	-0.2
40	KEWAUNEE	23.2%	0.1
9	LA CROSSE	17.2%	-1.1
6	LAFAYETTE	15.6%	-1.4
68	LANGLADE	31.9%	1.8
11	LINCOLN	18.4%	-0.9
43	MANITOWOC	23.4%	0.1
44	MARATHON	23.5%	0.1
47	MARINETTE	23.7%	0.2
55	MARQUETTE	25.3%	0.5
72	MENOMINEE	37.2%	2.8
15	MILWAUKEE	19.4%	-0.7
63	MONROE	28.5%	1.1
57	OCONTO	26.6%	0.7
4	ONEIDA	14.9%	-1.6
10	OUTAGAMIE	18.2%	-0.9
12	OZAUKEE	18.5%	-0.9
69	PEPIN	32.5%	1.9
2	PIERCE	12.0%	-2.1
19	POLK	20.0%	-0.6
38	PORTAGE	22.7%	0.0
61	PRICE	27.3%	0.9
23	RACINE	20.6%	-0.4
30	RICHLAND	21.9%	-0.2
32	ROCK	22.1%	-0.2
65	RUSK	29.3%	1.3
54	SAUK	24.9%	0.4
35	SAWYER	22.5%	-0.1
37	SHAWANO	22.6%	-0.1
25	SHEBOYGAN	20.9%	-0.4
48	ST CROIX	23.8%	0.2
71	TAYLOR	36.9%	2.8
50	TREMPEALEAU	24.0%	0.2
41	VERNON	23.3%	0.1
53	VILAS	24.6%	0.3
24	WALWORTH	20.7%	-0.4
66	WASHBURN	29.4%	1.3
14	WASHINGTON	19.1%	-0.7
7	WAUKESHA	16.1%	-1.3
56	WAUPACA	25.3%	0.5
64	WAUSHARA	29.2%	1.2
22	WINNEBAGO	20.6%	-0.4
28	WOOD	21.8%	-0.2

Wisconsin	20.7%
Mean of counties	22.8%
Standard deviation	5.1%

**Wisconsin County Health Rankings – 2004
Technical Notes**

Data element	Obesity
Description	This element measures 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 telephone survey sample data.
Percent of total health determinants score	3.0%
Data source(s)	Behavioral Risk Factor Surveillance System (BRFSS) Aurora Health Care, <i>Community Health Assessments</i>
Year(s) of data used	1997-2003 (BRFSS) 2003 (Aurora)
Calculations and other notes	Aurora data were incorporated in the 13 counties for which data were available. The final estimates for these counties were weighted based on the BRFSS and Aurora sample sizes. These counties were: Brown, Door, Fond du Lac, Kenosha, Kewaunee, Manitowoc, Marinette, Oconto, Ozaukee, Sheboygan, Walworth, Washington, and Waukesha.

Overweight (Body mass index $\geq 25\text{kg/m}^2$)

Sorted by Rank

Rank	County Name	Prevalence	Score
1	LAFAYETTE	43.8%	-2.5
2	ONEIDA	49.8%	-1.6
3	ASHLAND	50.1%	-1.5
4	PIERCE	50.3%	-1.5
5	JACKSON	50.5%	-1.5
6	GREEN	50.8%	-1.4
7	DANE	51.4%	-1.4
8	LA CROSSE	52.5%	-1.2
9	VERNON	53.3%	-1.1
10	OUTAGAMIE	53.5%	-1.1
11	EAU CLAIRE	54.1%	-1.0
12	WAUKESHA	54.3%	-0.9
13	PRICE	54.7%	-0.9
14	IRON	54.9%	-0.8
15	WAUSHARA	55.3%	-0.8
16	WALWORTH	55.5%	-0.8
17	PEPIN	55.6%	-0.8
18	DUNN	55.7%	-0.7
19	MILWAUKEE	56.1%	-0.7
20	RACINE	56.6%	-0.6
21	BROWN	56.9%	-0.6
22	ROCK	57.0%	-0.5
23	ST CROIX	57.2%	-0.5
24	BARRON	57.8%	-0.4
25	MARINETTE	57.8%	-0.4
26	WINNEBAGO	58.1%	-0.4
27	JEFFERSON	58.1%	-0.4
28	POLK	58.4%	-0.3
29	WASHINGTON	58.7%	-0.3
30	OZAUKEE	58.8%	-0.3
31	CHIPPEWA	59.2%	-0.2
32	KENOSHA	59.4%	-0.2
33	CLARK	59.6%	-0.2
34	MARATHON	59.7%	-0.1
35	CALUMET	59.9%	-0.1
36	SHEBOYGAN	60.2%	-0.1
37	GREEN LAKE	60.5%	0.0
38	SHAWANO	61.2%	0.1
39	LANGLADE	61.3%	0.1
40	GRANT	61.4%	0.1
41	FOND DU LAC	61.4%	0.1
42	WOOD	61.4%	0.1
43	VILAS	61.6%	0.1
44	PORTAGE	61.6%	0.1
45	IOWA	61.9%	0.2
46	MANITOWOC	62.0%	0.2
47	SAUK	62.1%	0.2
48	COLUMBIA	62.2%	0.2
49	MARQUETTE	62.3%	0.2
50	LINCOLN	62.6%	0.3
51	BUFFALO	63.1%	0.4
52	WASHBURN	64.6%	0.6
53	BAYFIELD	64.6%	0.6
54	WAUPACA	64.7%	0.6
55	DODGE	64.9%	0.6
56	DOOR	65.3%	0.7
57	SAWYER	65.7%	0.7
58	MONROE	66.1%	0.8
59	ADAMS	67.0%	0.9
60	RICHLAND	67.4%	1.0
61	DOUGLAS	67.9%	1.0
62	FLORENCE	67.9%	1.0
63	KEWAUNEE	68.1%	1.1
64	JUNEAU	68.4%	1.1
65	BURNETT	68.6%	1.1
66	OCONTO	68.8%	1.2
67	TAYLOR	70.7%	1.5
68	FOREST	72.1%	1.7
69	CRAWFORD	72.6%	1.7
70	TREMPEALEAU	73.2%	1.8
71	RUSK	77.1%	2.4
72	MENOMINEE	83.8%	3.4

Sorted by County Name

Rank	County Name	Prevalence	Score
59	ADAMS	67.0%	0.9
3	ASHLAND	50.1%	-1.5
24	BARRON	57.8%	-0.4
53	BAYFIELD	64.6%	0.6
21	BROWN	56.9%	-0.6
51	BUFFALO	63.1%	0.4
65	BURNETT	68.6%	1.1
35	CALUMET	59.9%	-0.1
31	CHIPPEWA	59.2%	-0.2
33	CLARK	59.6%	-0.2
48	COLUMBIA	62.2%	0.2
69	CRAWFORD	72.6%	1.7
7	DANE	51.4%	-1.4
55	DODGE	64.9%	0.6
56	DOOR	65.3%	0.7
61	DOUGLAS	67.9%	1.0
18	DUNN	55.7%	-0.7
11	EAU CLAIRE	54.1%	-1.0
62	FLORENCE	67.9%	1.0
41	FOND DU LAC	61.4%	0.1
68	FOREST	72.1%	1.7
40	GRANT	61.4%	0.1
6	GREEN	50.8%	-1.4
37	GREEN LAKE	60.5%	0.0
45	IOWA	61.9%	0.2
14	IRON	54.9%	-0.8
5	JACKSON	50.5%	-1.5
27	JEFFERSON	58.1%	-0.4
64	JUNEAU	68.4%	1.1
32	KENOSHA	59.4%	-0.2
63	KEWAUNEE	68.1%	1.1
8	LA CROSSE	52.5%	-1.2
1	LAFAYETTE	43.8%	-2.5
39	LANGLADE	61.3%	0.1
50	LINCOLN	62.6%	0.3
46	MANITOWOC	62.0%	0.2
34	MARATHON	59.7%	-0.1
25	MARINETTE	57.8%	-0.4
49	MARQUETTE	62.3%	0.2
72	MENOMINEE	83.8%	3.4
19	MILWAUKEE	56.1%	-0.7
58	MONROE	66.1%	0.8
66	OCONTO	68.8%	1.2
2	ONEIDA	49.8%	-1.6
10	OUTAGAMIE	53.5%	-1.1
30	OZAUKEE	58.8%	-0.3
17	PEPIN	55.6%	-0.8
4	PIERCE	50.3%	-1.5
28	POLK	58.4%	-0.3
44	PORTAGE	61.6%	0.1
13	PRICE	54.7%	-0.9
20	RACINE	56.6%	-0.6
60	RICHLAND	67.4%	1.0
22	ROCK	57.0%	-0.5
71	RUSK	77.1%	2.4
47	SAUK	62.1%	0.2
57	SAWYER	65.7%	0.7
38	SHAWANO	61.2%	0.1
36	SHEBOYGAN	60.2%	-0.1
23	ST CROIX	57.2%	-0.5
67	TAYLOR	70.7%	1.5
70	TREMPEALEAU	73.2%	1.8
9	VERNON	53.3%	-1.1
43	VILAS	61.6%	0.1
16	WALWORTH	55.5%	-0.8
52	WASHBURN	64.6%	0.6
29	WASHINGTON	58.7%	-0.3
12	WAUKESHA	54.3%	-0.9
54	WAUPACA	64.7%	0.6
15	WAUSHARA	55.3%	-0.8
26	WINNEBAGO	58.1%	-0.4
42	WOOD	61.4%	0.1

Wisconsin	57.9%
Mean of counties	60.7%
Standard deviation	6.9%

**Wisconsin County Health Rankings – 2004
Technical Notes**

Data element	Overweight
Description	This element measures 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 telephone survey sample data.
Percent of total health determinants score	3.0%
Data source(s)	Behavioral Risk Factor Surveillance System (BRFSS) Aurora Health Care, <i>Community Health Assessments</i>
Year(s) of data used	1997-2003 (BRFSS) 2003 (Aurora)
Calculations and other notes	<p>Aurora data were incorporated in the 13 counties for which data were available. The final estimates for these counties were weighted based on the BRFSS and Aurora sample sizes. These counties were: Brown, Door, Fond du Lac, Kenosha, Kewaunee, Manitowoc, Marinette, Oconto, Ozaukee, Sheboygan, Walworth, Washington, and Waukesha.</p> <p>* Score truncated for calculation of summary scores and ranks.</p>

Ozone design values

Sorted by Rank

Rank	County Name	Design value	Score
1	FLORENCE	67	-1.1
2	VILAS	68	-1.0
3	ONEIDA	69	-0.8
4	ADAMS	71	-0.6
4	ASHLAND	71	-0.6
4	BARRON	71	-0.6
4	BAYFIELD	71	-0.6
4	BUFFALO	71	-0.6
4	BURNETT	71	-0.6
4	CHIPPEWA	71	-0.6
4	CLARK	71	-0.6
4	CRAWFORD	71	-0.6
4	DOUGLAS	71	-0.6
4	DUNN	71	-0.6
4	EAU CLAIRE	71	-0.6
4	FOREST	71	-0.6
4	GRANT	71	-0.6
4	GREEN LAKE	71	-0.6
4	IOWA	71	-0.6
4	IRON	71	-0.6
4	JACKSON	71	-0.6
4	JUNEAU	71	-0.6
4	LA CROSSE	71	-0.6
4	LAFAYETTE	71	-0.6
4	LANGLADE	71	-0.6
4	LINCOLN	71	-0.6
4	MARINETTE	71	-0.6
4	MARQUETTE	71	-0.6
4	MENOMINEE	71	-0.6
4	MONROE	71	-0.6
4	OCONTO	71	-0.6
4	PEPIN	71	-0.6
4	PIERCE	71	-0.6
4	POLK	71	-0.6
4	PORTAGE	71	-0.6
4	PRICE	71	-0.6
4	RICHLAND	71	-0.6
4	RUSK	71	-0.6
4	SAWYER	71	-0.6
4	SHAWANO	71	-0.6
4	TAYLOR	71	-0.6
4	TREMPEALEAU	71	-0.6
4	WASHBURN	71	-0.6
4	WAUPACA	71	-0.6
4	WAUSHARA	71	-0.6
4	WOOD	71	-0.6
47	VERNON	72	-0.4
48	MARATHON	73	-0.3
48	SAUK	73	-0.3
48	ST CROIX	73	-0.3
51	GREEN	75	0.0
52	DANE	78	0.4
52	OUTAGAMIE	78	0.4
54	COLUMBIA	79	0.5
55	FOND DU LAC	80	0.6
56	CALUMET	81	0.8
56	WAUKESHA	81	0.8
58	DODGE	82	0.9
58	WASHINGTON	82	0.9
58	WINNEBAGO	82	0.9
61	BROWN	83	1.0
61	JEFFERSON	83	1.0
61	ROCK	83	1.0
64	WALWORTH	84	1.2
65	MANITOWOC	86	1.4
65	MILWAUKEE	86	1.4
67	KEWAUNEE	93	2.4
68	DOOR	94	2.5
68	SHEBOYGAN	94	2.5
70	OZAUKEE	95	2.6
70	RACINE	95	2.6
72	KENOSHA	99	3.2

Sorted by County Name

Rank	County Name	Design value	Score
4	ADAMS	71	-0.6
4	ASHLAND	71	-0.6
4	BARRON	71	-0.6
4	BAYFIELD	71	-0.6
61	BROWN	83	1.0
4	BUFFALO	71	-0.6
4	BURNETT	71	-0.6
56	CALUMET	81	0.8
4	CHIPPEWA	71	-0.6
4	CLARK	71	-0.6
54	COLUMBIA	79	0.5
4	CRAWFORD	71	-0.6
52	DANE	78	0.4
58	DODGE	82	0.9
68	DOOR	94	2.5
4	DOUGLAS	71	-0.6
4	DUNN	71	-0.6
4	EAU CLAIRE	71	-0.6
1	FLORENCE	67	-1.1
55	FOND DU LAC	80	0.6
4	FOREST	71	-0.6
4	GRANT	71	-0.6
51	GREEN	75	0.0
4	GREEN LAKE	71	-0.6
4	IOWA	71	-0.6
4	IRON	71	-0.6
4	JACKSON	71	-0.6
61	JEFFERSON	83	1.0
4	JUNEAU	71	-0.6
72	KENOSHA	99	3.2
67	KEWAUNEE	93	2.4
4	LA CROSSE	71	-0.6
4	LAFAYETTE	71	-0.6
4	LANGLADE	71	-0.6
4	LINCOLN	71	-0.6
65	MANITOWOC	86	1.4
48	MARATHON	73	-0.3
4	MARINETTE	71	-0.6
4	MARQUETTE	71	-0.6
4	MENOMINEE	71	-0.6
65	MILWAUKEE	86	1.4
4	MONROE	71	-0.6
4	OCONTO	71	-0.6
3	ONEIDA	69	-0.8
52	OUTAGAMIE	78	0.4
70	OZAUKEE	95	2.6
4	PEPIN	71	-0.6
4	PIERCE	71	-0.6
4	POLK	71	-0.6
4	PORTAGE	71	-0.6
4	PRICE	71	-0.6
70	RACINE	95	2.6
4	RICHLAND	71	-0.6
61	ROCK	83	1.0
4	RUSK	71	-0.6
48	SAUK	73	-0.3
4	SAWYER	71	-0.6
4	SHAWANO	71	-0.6
68	SHEBOYGAN	94	2.5
48	ST CROIX	73	-0.3
4	TAYLOR	71	-0.6
4	TREMPEALEAU	71	-0.6
47	VERNON	72	-0.4
2	VILAS	68	-1.0
64	WALWORTH	84	1.2
4	WASHBURN	71	-0.6
58	WASHINGTON	82	0.9
56	WAUKESHA	81	0.8
4	WAUPACA	71	-0.6
4	WAUSHARA	71	-0.6
58	WINNEBAGO	82	0.9
4	WOOD	71	-0.6

Wisconsin	N/A
Mean of counties	75
Standard deviation	8

**Wisconsin County Health Rankings – 2004
Technical Notes**

Data element	Ozone
Description	This element measures the amount of ozone present at air monitoring sites throughout the state. Ozone has been linked to a variety of human health problems.
Percent of total health determinants score	0.83%
Data source(s)	Bureau of Air Management, Division of Air and Waste, Wisconsin Department of Natural Resources
Year(s) of data used	2001-2003
Calculations and other notes	<p>The 2001-2003 “annual average 4th 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.</p> <p>* Score truncated for calculation of summary scores and ranks.</p> <p>** Estimated value</p>

Environmental Determinants

Sorted by Rank

Rank	County Name	Score
1	VILAS	-1.00
2	BURNETT	-0.98
3	FLORENCE	-0.89
4	MENOMINEE	-0.87
5	WASHBURN	-0.75
6	ONEIDA	-0.70
7	PRICE	-0.59
8	OCONTO	-0.56
9	FOREST	-0.55
10	BAYFIELD	-0.53
11	LINCOLN	-0.53
12	IRON	-0.48
13	SAWYER	-0.47
14	RUSK	-0.39
15	POLK	-0.38
16	MARINETTE	-0.32
17	ASHLAND	-0.32
18	TAYLOR	-0.30
19	JUNEAU	-0.25
20	SHAWANO	-0.22
21	JACKSON	-0.22
22	EAU CLAIRE	-0.19
23	DUNN	-0.15
24	OUTAGAMIE	-0.15
25	DOOR	-0.14
26	BROWN	-0.14
27	OZAUKEE	-0.14
28	KEWAUNEE	-0.13
29	ST CROIX	-0.12
30	WASHINGTON	-0.11
31	WOOD	-0.11
32	DOUGLAS	-0.10
33	WAUSHARA	-0.09
34	LANGLADE	-0.08
35	TREMPEALEAU	-0.07
36	BUFFALO	-0.06
37	ADAMS	-0.05
38	CLARK	-0.05
39	BARRON	-0.03
40	MARQUETTE	-0.02
41	VERNON	-0.01
42	CRAWFORD	0.00
43	WAUKESHA	0.00
44	WINNEBAGO	0.06
45	CHIPPEWA	0.13
46	FOND DU LAC	0.14
47	MARATHON	0.16
48	PIERCE	0.16
49	GRANT	0.18
50	IOWA	0.18
51	DODGE	0.22
52	GREEN LAKE	0.23
53	WALWORTH	0.26
54	DANE	0.27
55	SAUK	0.28
56	RICHLAND	0.29
57	MANITOWOC	0.30
58	WAUPACA	0.34
59	PEPIN	0.35
60	PORTAGE	0.43
61	JEFFERSON	0.43
62	MONROE	0.45
63	RACINE	0.46
64	LA CROSSE	0.48
65	GREEN	0.54
66	CALUMET	0.56
67	SHEBOYGAN	0.63
68	KENOSHA	0.70
69	LAFAYETTE	0.77
70	COLUMBIA	0.84
71	MILWAUKEE	1.11
72	ROCK	1.24

Sorted by County Name

Rank	County Name	Score
37	ADAMS	-0.05
17	ASHLAND	-0.32
39	BARRON	-0.03
10	BAYFIELD	-0.53
26	BROWN	-0.14
36	BUFFALO	-0.06
2	BURNETT	-0.98
66	CALUMET	0.56
45	CHIPPEWA	0.13
38	CLARK	-0.05
70	COLUMBIA	0.84
42	CRAWFORD	0.00
54	DANE	0.27
51	DODGE	0.22
25	DOOR	-0.14
32	DOUGLAS	-0.10
23	DUNN	-0.15
22	EAU CLAIRE	-0.19
3	FLORENCE	-0.89
46	FOND DU LAC	0.14
9	FOREST	-0.55
49	GRANT	0.18
65	GREEN	0.54
52	GREEN LAKE	0.23
50	IOWA	0.18
12	IRON	-0.48
21	JACKSON	-0.22
61	JEFFERSON	0.43
19	JUNEAU	-0.25
68	KENOSHA	0.70
28	KEWAUNEE	-0.13
64	LA CROSSE	0.48
69	LAFAYETTE	0.77
34	LANGLADE	-0.08
11	LINCOLN	-0.53
57	MANITOWOC	0.30
47	MARATHON	0.16
16	MARINETTE	-0.32
40	MARQUETTE	-0.02
4	MENOMINEE	-0.87
71	MILWAUKEE	1.11
62	MONROE	0.45
8	OCONTO	-0.56
6	ONEIDA	-0.70
24	OUTAGAMIE	-0.15
27	OZAUKEE	-0.14
59	PEPIN	0.35
48	PIERCE	0.16
15	POLK	-0.38
60	PORTAGE	0.43
7	PRICE	-0.59
63	RACINE	0.46
56	RICHLAND	0.29
72	ROCK	1.24
14	RUSK	-0.39
55	SAUK	0.28
13	SAWYER	-0.47
20	SHAWANO	-0.22
67	SHEBOYGAN	0.63
29	ST CROIX	-0.12
18	TAYLOR	-0.30
35	TREMPEALEAU	-0.07
41	VERNON	-0.01
1	VILAS	-1.00
53	WALWORTH	0.26
5	WASHBURN	-0.75
30	WASHINGTON	-0.11
43	WAUKESHA	0.00
58	WAUPACA	0.34
33	WAUSHARA	-0.09
44	WINNEBAGO	0.06
31	WOOD	-0.11

Physical inactivity

Sorted by Rank

Rank	County Name	Prevalence	Score
1	IOWA	38.6%	-1.6
2	BARRON	40.2%	-1.5
3	SAWYER	40.6%	-1.4
4	FLORENCE	41.3%	-1.4
5	VILAS	41.3%	-1.4
6	PRICE	43.0%	-1.2
7	EAU CLAIRE	43.4%	-1.2
8	OUTAGAMIE	44.0%	-1.1
9	RICHLAND	44.1%	-1.1
10	OZAUKEE	44.4%	-1.1
11	BAYFIELD	44.7%	-1.0
12	LANGLADE	45.6%	-1.0
13	LA CROSSE	46.0%	-0.9
14	CALUMET	46.3%	-0.9
15	ST CROIX	47.0%	-0.8
16	DOUGLAS	47.4%	-0.8
17	LINCOLN	48.2%	-0.7
18	KENOSHA	48.6%	-0.7
19	FOND DU LAC	49.8%	-0.5
20	KEWAUNEE	50.3%	-0.5
21	BUFFALO	50.4%	-0.5
22	CHIPPEWA	50.7%	-0.4
23	DANE	50.9%	-0.4
24	ROCK	50.9%	-0.4
25	POLK	51.4%	-0.4
26	PEPIN	51.9%	-0.3
27	DUNN	52.2%	-0.3
28	PORTAGE	52.4%	-0.3
29	BROWN	52.4%	-0.3
30	SHEBOYGAN	52.6%	-0.3
31	DOOR	52.7%	-0.3
32	MARATHON	52.8%	-0.2
33	ONEIDA	52.8%	-0.2
34	GRANT	53.1%	-0.2
35	WASHINGTON	53.5%	-0.2
36	VERNON	53.6%	-0.2
37	SAUK	53.8%	-0.1
38	WAUKESHA	53.9%	-0.1
39	BURNETT	54.5%	-0.1
40	SHAWANO	54.7%	-0.1
41	FOREST	55.1%	0.0
42	JACKSON	55.1%	0.0
43	WINNEBAGO	55.2%	0.0
44	COLUMBIA	56.0%	0.1
45	DODGE	56.3%	0.1
46	RUSK	56.4%	0.1
47	WOOD	57.0%	0.2
48	OCONTO	57.3%	0.2
49	WAUPACA	57.5%	0.2
50	IRON	58.0%	0.3
51	MILWAUKEE	58.0%	0.3
52	MARINETTE	58.1%	0.3
53	JUNEAU	58.1%	0.3
54	MONROE	58.6%	0.3
55	WALWORTH	59.5%	0.4
56	ADAMS	59.6%	0.4
57	RACINE	60.9%	0.6
58	TREMPEALEAU	61.4%	0.6
59	PIERCE	62.1%	0.7
60	GREEN	63.4%	0.8
61	WAUSHARA	63.9%	0.8
62	CRAWFORD	65.8%	1.0
63	GREEN LAKE	65.9%	1.0
64	CLARK	66.5%	1.1
65	MANITOWOC	66.6%	1.1
66	LAFAYETTE	69.7%	1.4
67	TAYLOR	70.9%	1.5
68	WASHBURN	71.9%	1.6
69	ASHLAND	72.9%	1.7
70	JEFFERSON	75.3%	2.0
71	MARQUETTE	80.1%	2.4
72	MENOMINEE	100.0%	4.4

Sorted by County Name

Rank	County Name	Prevalence	Score
56	ADAMS	59.6%	0.4
69	ASHLAND	72.9%	1.7
2	BARRON	40.2%	-1.5
11	BAYFIELD	44.7%	-1.0
29	BROWN	52.4%	-0.3
21	BUFFALO	50.4%	-0.5
39	BURNETT	54.5%	-0.1
14	CALUMET	46.3%	-0.9
22	CHIPPEWA	50.7%	-0.4
64	CLARK	66.5%	1.1
44	COLUMBIA	56.0%	0.1
62	CRAWFORD	65.8%	1.0
23	DANE	50.9%	-0.4
45	DODGE	56.3%	0.1
31	DOOR	52.7%	-0.3
16	DOUGLAS	47.4%	-0.8
27	DUNN	52.2%	-0.3
7	EAU CLAIRE	43.4%	-1.2
4	FLORENCE	41.3%	-1.4
19	FOND DU LAC	49.8%	-0.5
41	FOREST	55.1%	0.0
34	GRANT	53.1%	-0.2
60	GREEN	63.4%	0.8
63	GREEN LAKE	65.9%	1.0
1	IOWA	38.6%	-1.6
50	IRON	58.0%	0.3
42	JACKSON	55.1%	0.0
70	JEFFERSON	75.3%	2.0
53	JUNEAU	58.1%	0.3
18	KENOSHA	48.6%	-0.7
20	KEWAUNEE	50.3%	-0.5
13	LA CROSSE	46.0%	-0.9
66	LAFAYETTE	69.7%	1.4
12	LANGLADE	45.6%	-1.0
17	LINCOLN	48.2%	-0.7
65	MANITOWOC	66.6%	1.1
32	MARATHON	52.8%	-0.2
52	MARINETTE	58.1%	0.3
71	MARQUETTE	80.1%	2.4
72	MENOMINEE	100.0%	4.4
51	MILWAUKEE	58.0%	0.3
54	MONROE	58.6%	0.3
48	OCONTO	57.3%	0.2
33	ONEIDA	52.8%	-0.2
8	OUTAGAMIE	44.0%	-1.1
10	OZAUKEE	44.4%	-1.1
26	PEPIN	51.9%	-0.3
59	PIERCE	62.1%	0.7
25	POLK	51.4%	-0.4
28	PORTAGE	52.4%	-0.3
6	PRICE	43.0%	-1.2
57	RACINE	60.9%	0.6
9	RICHLAND	44.1%	-1.1
24	ROCK	50.9%	-0.4
46	RUSK	56.4%	0.1
37	SAUK	53.8%	-0.1
3	SAWYER	40.6%	-1.4
40	SHAWANO	54.7%	-0.1
30	SHEBOYGAN	52.6%	-0.3
15	ST CROIX	47.0%	-0.8
67	TAYLOR	70.9%	1.5
58	TREMPEALEAU	61.4%	0.6
36	VERNON	53.6%	-0.2
5	VILAS	41.3%	-1.4
55	WALWORTH	59.5%	0.4
68	WASHBURN	71.9%	1.6
35	WASHINGTON	53.5%	-0.2
38	WAUKESHA	53.9%	-0.1
49	WAUPACA	57.5%	0.2
61	WAUSHARA	63.9%	0.8
43	WINNEBAGO	55.2%	0.0
47	WOOD	57.0%	0.2

Wisconsin	54.4%
Mean of counties	55.3%
Standard deviation	10.2%

**Wisconsin County Health Rankings – 2004
Technical Notes**

Data element	Physical inactivity
Description	This element measures the percentage of the population that reports doing moderate or vigorous physical activity less than 20 minutes daily or less than 3 time per week. This measure is based on telephone sample data.
Percent of total health determinants score	4.0%
Data source(s)	Behavioral Risk Factor Surveillance System (BRFSS)
Year(s) of data used	1997-2003
Calculations and other notes	* Score truncated for calculation of summary scores and ranks.

Percent positive lead tests in children 0-5 years

Sorted by Rank

Rank	County Name	Percent	Score
1	BURNETT	0.0%	-1.2
1	CALUMET	0.0%	-1.2
1	FLORENCE	0.0%	-1.2
1	FOREST	0.0%	-1.2
1	LANGLADE	0.0%	-1.2
1	MENOMINEE	0.0%	-1.2
1	ONEIDA	0.0%	-1.2
1	PEPIN	0.0%	-1.2
1	VILAS	0.0%	-1.2
1	WASHBURN	0.0%	-1.2
11	RUSK	0.4%	-0.9
12	SHAWANO	0.4%	-0.9
13	BUFFALO	0.5%	-0.8
14	KEWAUNEE	0.5%	-0.8
15	PORTAGE	0.6%	-0.8
16	DOOR	0.6%	-0.8
17	LINCOLN	0.7%	-0.8
18	OUTAGAMIE	0.8%	-0.6
19	ST CROIX	0.9%	-0.6
20	CHIPPEWA	0.9%	-0.6
21	POLK	0.9%	-0.6
22	SAWYER	1.0%	-0.5
23	WAUKESHA	1.1%	-0.5
24	DUNN	1.1%	-0.5
25	PRICE	1.1%	-0.4
26	WOOD	1.2%	-0.4
27	CLARK	1.2%	-0.4
28	TAYLOR	1.2%	-0.4
29	DANE	1.2%	-0.4
30	BARRON	1.2%	-0.4
31	JUNEAU	1.2%	-0.4
32	OZAUKEE	1.3%	-0.3
33	IRON	1.3%	-0.3
34	WASHINGTON	1.3%	-0.3
35	OCONTO	1.4%	-0.3
36	EAU CLAIRE	1.4%	-0.3
37	WAUSHARA	1.4%	-0.2
38	TREMPEALEAU	1.5%	-0.2
39	IOWA	1.6%	-0.1
39	PIERCE	1.6%	-0.1
41	WINNEBAGO	1.7%	0.0
42	MARQUETTE	1.8%	0.0
43	MARINETTE	1.8%	0.0
44	JACKSON	1.8%	0.0
45	COLUMBIA	1.9%	0.1
46	ADAMS	1.9%	0.1
47	VERNON	2.0%	0.2
48	MARATHON	2.3%	0.3
49	ASHLAND	2.4%	0.4
50	BROWN	2.4%	0.4
51	FOND DU LAC	2.4%	0.4
52	GREEN LAKE	2.5%	0.5
53	GRANT	2.6%	0.5
54	RICHLAND	2.6%	0.5
55	WALWORTH	2.6%	0.5
56	BAYFIELD	2.6%	0.6
57	WAUPACA	2.7%	0.6
58	MONROE	2.9%	0.8
59	CRAWFORD	3.0%	0.8
60	LA CROSSE	3.0%	0.8
61	GREEN	3.0%	0.8
62	MANITOWOC	3.0%	0.9
63	DOUGLAS	3.0%	0.9
64	DODGE	3.1%	0.9
65	ROCK	3.4%	1.1
66	SAUK	3.5%	1.1
67	KENOSHA	3.5%	1.2
68	JEFFERSON	3.8%	1.4
69	RACINE	3.9%	1.4
70	SHEBOYGAN	4.7%	2.0
71	LAFAYETTE	4.8%	2.0
72	MILWAUKEE	9.3%	5.1

Sorted by County Name

Rank	County Name	Percent	Score
46	ADAMS	1.9%	0.1
49	ASHLAND	2.4%	0.4
30	BARRON	1.2%	-0.4
56	BAYFIELD	2.6%	0.6
50	BROWN	2.4%	0.4
13	BUFFALO	0.5%	-0.8
1	BURNETT	0.0%	-1.2
1	CALUMET	0.0%	-1.2
20	CHIPPEWA	0.9%	-0.6
27	CLARK	1.2%	-0.4
45	COLUMBIA	1.9%	0.1
59	CRAWFORD	3.0%	0.8
29	DANE	1.2%	-0.4
64	DODGE	3.1%	0.9
16	DOOR	0.6%	-0.8
63	DOUGLAS	3.0%	0.9
24	DUNN	1.1%	-0.5
36	EAU CLAIRE	1.4%	-0.3
1	FLORENCE	0.0%	-1.2
51	FOND DU LAC	2.4%	0.4
1	FOREST	0.0%	-1.2
53	GRANT	2.6%	0.5
61	GREEN	3.0%	0.8
52	GREEN LAKE	2.5%	0.5
39	IOWA	1.6%	-0.1
33	IRON	1.3%	-0.3
44	JACKSON	1.8%	0.0
68	JEFFERSON	3.8%	1.4
31	JUNEAU	1.2%	-0.4
67	KENOSHA	3.5%	1.2
14	KEWAUNEE	0.5%	-0.8
60	LA CROSSE	3.0%	0.8
71	LAFAYETTE	4.8%	2.0
1	LANGLADE	0.0%	-1.2
17	LINCOLN	0.7%	-0.8
62	MANITOWOC	3.0%	0.9
48	MARATHON	2.3%	0.3
43	MARINETTE	1.8%	0.0
42	MARQUETTE	1.8%	0.0
1	MENOMINEE	0.0%	-1.2
72	MILWAUKEE	9.3%	5.1
58	MONROE	2.9%	0.8
35	OCONTO	1.4%	-0.3
1	ONEIDA	0.0%	-1.2
18	OUTAGAMIE	0.8%	-0.6
32	OZAUKEE	1.3%	-0.3
1	PEPIN	0.0%	-1.2
39	PIERCE	1.6%	-0.1
21	POLK	0.9%	-0.6
15	PORTAGE	0.6%	-0.8
25	PRICE	1.1%	-0.4
69	RACINE	3.9%	1.4
54	RICHLAND	2.6%	0.5
65	ROCK	3.4%	1.1
11	RUSK	0.4%	-0.9
66	SAUK	3.5%	1.1
22	SAWYER	1.0%	-0.5
12	SHAWANO	0.4%	-0.9
70	SHEBOYGAN	4.7%	2.0
19	ST CROIX	0.9%	-0.6
28	TAYLOR	1.2%	-0.4
38	TREMPEALEAU	1.5%	-0.2
47	VERNON	2.0%	0.2
1	VILAS	0.0%	-1.2
55	WALWORTH	2.6%	0.5
1	WASHBURN	0.0%	-1.2
34	WASHINGTON	1.3%	-0.3
23	WAUKESHA	1.1%	-0.5
57	WAUPACA	2.7%	0.6
37	WAUSHARA	1.4%	-0.2
41	WINNEBAGO	1.7%	0.0
26	WOOD	1.2%	-0.4

Wisconsin	4.6%
Mean of counties	1.8%
Standard deviation	1.5%

**Wisconsin County Health Rankings – 2004
Technical Notes**

Data element	Lead poisoned children
Description	This element measures the percentage of lead tests on children under age six that tested positive for lead poisoning. This measure is <i>not</i> based on a complete or random sample and should be interpreted cautiously.
Percent of total health determinants score	1.67%
Data source(s)	Wisconsin Department of Health and Family Services
Year(s) of data used	2003
Calculations and other notes	* Score truncated for calculation of summary scores and ranks.

Percent of housing built before 1950

Sorted by Rank

Rank	County Name	Percent	Score
1	MENOMINEE	8.2%	-2.8
2	ADAMS	11.9%	-2.3
3	WAUKESHA	14.3%	-2.1
4	OZAUKEE	18.4%	-1.6
5	BURNETT	19.3%	-1.5
6	WASHINGTON	19.5%	-1.5
7	VILAS	19.6%	-1.5
8	BROWN	19.8%	-1.4
9	DANE	20.7%	-1.3
10	SAWYER	21.0%	-1.3
11	ONEIDA	22.4%	-1.2
12	ST CROIX	22.8%	-1.1
13	PORTAGE	25.2%	-0.8
14	CALUMET	25.8%	-0.8
15	FLORENCE	25.8%	-0.8
16	OUTAGAMIE	26.5%	-0.7
17	POLK	27.1%	-0.6
18	WASHBURN	27.2%	-0.6
19	MARQUETTE	27.3%	-0.6
20	FOREST	27.7%	-0.5
21	WAUSHARA	28.1%	-0.5
22	EAU CLAIRE	28.7%	-0.4
23	OCONTO	28.8%	-0.4
24	JUNEAU	29.0%	-0.4
25	LA CROSSE	29.2%	-0.4
26	WOOD	29.2%	-0.4
27	MARINETTE	29.3%	-0.4
28	KENOSHA	30.0%	-0.3
29	WALWORTH	30.4%	-0.2
30	DOOR	30.7%	-0.2
31	WINNEBAGO	30.9%	-0.2
32	MARATHON	31.0%	-0.2
33	BAYFIELD	31.4%	-0.1
34	PIERCE	31.6%	-0.1
35	RACINE	32.6%	0.0
36	DUNN	33.0%	0.1
37	SAUK	33.3%	0.1
38	ROCK	33.4%	0.1
39	CRAWFORD	33.5%	0.1
40	MONROE	34.0%	0.2
41	BARRON	34.5%	0.2
42	CHIPPEWA	35.3%	0.3
43	LINCOLN	35.5%	0.3
44	PRICE	35.5%	0.3
45	RUSK	36.9%	0.5
46	JEFFERSON	37.0%	0.5
47	FOND DU LAC	37.3%	0.5
48	SHAWANO	37.3%	0.5
49	TAYLOR	37.4%	0.6
50	JACKSON	37.4%	0.6
51	COLUMBIA	37.5%	0.6
52	LANGLADE	37.7%	0.6
53	WAUPACA	38.0%	0.6
54	IRON	38.7%	0.7
55	GREEN LAKE	39.5%	0.8
56	TREMPEALEAU	40.1%	0.9
57	GRANT	40.9%	0.9
58	MILWAUKEE	40.9%	1.0
59	DODGE	41.0%	1.0
60	SHEBOYGAN	41.4%	1.0
61	KEWAUNEE	41.6%	1.0
62	GREEN	42.0%	1.1
63	MANITOWOC	42.3%	1.1
64	VERNON	42.5%	1.1
65	ASHLAND	42.6%	1.1
66	PEPIN	44.1%	1.3
67	DOUGLAS	44.1%	1.3
68	IOWA	44.3%	1.3
69	BUFFALO	45.5%	1.5
70	RICHLAND	45.6%	1.5
71	CLARK	46.7%	1.6
72	LAFAYETTE	52.6%	2.3

Sorted by County Name

Rank	County Name	Percent	Score
2	ADAMS	11.9%	-2.3
65	ASHLAND	42.6%	1.1
41	BARRON	34.5%	0.2
33	BAYFIELD	31.4%	-0.1
8	BROWN	19.8%	-1.4
69	BUFFALO	45.5%	1.5
5	BURNETT	19.3%	-1.5
14	CALUMET	25.8%	-0.8
42	CHIPPEWA	35.3%	0.3
71	CLARK	46.7%	1.6
51	COLUMBIA	37.5%	0.6
39	CRAWFORD	33.5%	0.1
9	DANE	20.7%	-1.3
59	DODGE	41.0%	1.0
30	DOOR	30.7%	-0.2
67	DOUGLAS	44.1%	1.3
36	DUNN	33.0%	0.1
22	EAU CLAIRE	28.7%	-0.4
15	FLORENCE	25.8%	-0.8
47	FOND DU LAC	37.3%	0.5
20	FOREST	27.7%	-0.5
57	GRANT	40.9%	0.9
62	GREEN	42.0%	1.1
55	GREEN LAKE	39.5%	0.8
68	IOWA	44.3%	1.3
54	IRON	38.7%	0.7
50	JACKSON	37.4%	0.6
46	JEFFERSON	37.0%	0.5
24	JUNEAU	29.0%	-0.4
28	KENOSHA	30.0%	-0.3
61	KEWAUNEE	41.6%	1.0
25	LA CROSSE	29.2%	-0.4
72	LAFAYETTE	52.6%	2.3
52	LANGLADE	37.7%	0.6
43	LINCOLN	35.5%	0.3
63	MANITOWOC	42.3%	1.1
32	MARATHON	31.0%	-0.2
27	MARINETTE	29.3%	-0.4
19	MARQUETTE	27.3%	-0.6
1	MENOMINEE	8.2%	-2.8
58	MILWAUKEE	40.9%	1.0
40	MONROE	34.0%	0.2
23	OCONTO	28.8%	-0.4
11	ONEIDA	22.4%	-1.2
16	OUTAGAMIE	26.5%	-0.7
4	OZAUKEE	18.4%	-1.6
66	PEPIN	44.1%	1.3
34	PIERCE	31.6%	-0.1
17	POLK	27.1%	-0.6
13	PORTAGE	25.2%	-0.8
44	PRICE	35.5%	0.3
35	RACINE	32.6%	0.0
70	RICHLAND	45.6%	1.5
38	ROCK	33.4%	0.1
45	RUSK	36.9%	0.5
37	SAUK	33.3%	0.1
10	SAWYER	21.0%	-1.3
48	SHAWANO	37.3%	0.5
60	SHEBOYGAN	41.4%	1.0
12	ST CROIX	22.8%	-1.1
49	TAYLOR	37.4%	0.6
56	TREMPEALEAU	40.1%	0.9
64	VERNON	42.5%	1.1
7	VILAS	19.6%	-1.5
29	WALWORTH	30.4%	-0.2
18	WASHBURN	27.2%	-0.6
6	WASHINGTON	19.5%	-1.5
3	WAUKESHA	14.3%	-2.1
53	WAUPACA	38.0%	0.6
21	WAUSHARA	28.1%	-0.5
31	WINNEBAGO	30.9%	-0.2
26	WOOD	29.2%	-0.4

Wisconsin	31.1%
Mean of counties	32.5%
Standard deviation	8.8%

**Wisconsin County Health Rankings – 2004
Technical Notes**

Data element	Housing built before 1950
Description	This element describes the percent of housing units that were built before 1950. These units have a higher possibility of providing exposure to lead paint.
Percent of total health determinants score	1.67%
Data source(s)	United States Decennial Census Online: http://www.census.gov/
Year(s) of data used	2000
Calculations and other notes	

Self-reported fair or poor health

Sorted by Rank

Rank	County Name	Percent	Score
1	OZAUKEE	7.6%	-1.8
2	EAU CLAIRE	8.0%	-1.6
3	WAUKESHA	8.2%	-1.5
4	IOWA	8.5%	-1.4
5	PORTAGE	8.5%	-1.4
6	BAYFIELD	8.6%	-1.4
7	OUTAGAMIE	8.8%	-1.3
8	FLORENCE	9.0%	-1.3
9	ST CROIX	9.0%	-1.3
10	CLARK	9.1%	-1.2
11	RUSK	9.4%	-1.1
12	DANE	9.8%	-1.0
13	KEWAUNEE	9.9%	-0.9
14	MARATHON	9.9%	-0.9
15	JEFFERSON	10.1%	-0.9
16	SAUK	10.3%	-0.8
17	DOOR	10.4%	-0.8
18	LA CROSSE	10.5%	-0.7
19	JACKSON	10.5%	-0.7
20	LAFAYETTE	10.5%	-0.7
21	VERNON	10.7%	-0.6
22	LANGLADE	10.7%	-0.6
23	WASHINGTON	10.7%	-0.6
24	IRON	10.8%	-0.6
25	RICHLAND	11.1%	-0.5
26	WINNEBAGO	11.2%	-0.5
27	PIERCE	11.4%	-0.4
28	BUFFALO	11.5%	-0.3
29	MONROE	11.5%	-0.3
30	GRANT	11.6%	-0.3
31	WOOD	11.6%	-0.3
32	OCONTO	11.6%	-0.3
33	FOND DU LAC	11.8%	-0.2
34	WALWORTH	11.8%	-0.2
35	CRAWFORD	11.9%	-0.2
36	BROWN	12.0%	-0.2
37	DODGE	12.1%	-0.1
38	GREEN LAKE	12.3%	0.0
39	DUNN	12.4%	0.0
40	MANITOWOC	12.6%	0.1
41	TAYLOR	12.6%	0.1
42	SHEBOYGAN	12.7%	0.1
43	POLK	12.9%	0.2
44	ROCK	13.0%	0.2
45	DOUGLAS	13.0%	0.2
46	PEPIN	13.1%	0.3
47	CALUMET	13.3%	0.3
48	GREEN	13.4%	0.3
49	COLUMBIA	13.6%	0.4
50	ONEIDA	13.7%	0.5
51	SHAWANO	13.8%	0.5
52	BARRON	13.9%	0.5
53	RACINE	14.1%	0.6
54	LINCOLN	14.3%	0.7
55	SAWYER	14.4%	0.7
56	WAUPACA	14.6%	0.8
57	WAUSHARA	14.6%	0.8
58	TREMPEALEAU	14.7%	0.8
59	MILWAUKEE	14.8%	0.9
60	CHIPPEWA	14.8%	0.9
61	KENOSHA	14.8%	0.9
62	PRICE	15.3%	1.1
63	MARQUETTE	15.8%	1.2
64	MARINETTE	15.8%	1.2
65	ASHLAND	16.1%	1.3
66	WASHBURN	16.2%	1.4
67	BURNETT	17.1%	1.7
68	VILAS	17.6%	1.9
69	JUNEAU	17.6%	1.9
70	FOREST	17.7%	1.9
71	ADAMS	18.5%	2.2
72	MENOMINEE	20.2%	2.8

Sorted by County Name

Rank	County Name	Percent	Score
71	ADAMS	18.5%	2.2
65	ASHLAND	16.1%	1.3
52	BARRON	13.9%	0.5
6	BAYFIELD	8.6%	-1.4
36	BROWN	12.0%	-0.2
28	BUFFALO	11.5%	-0.3
67	BURNETT	17.1%	1.7
47	CALUMET	13.3%	0.3
60	CHIPPEWA	14.8%	0.9
10	CLARK	9.1%	-1.2
49	COLUMBIA	13.6%	0.4
35	CRAWFORD	11.9%	-0.2
12	DANE	9.8%	-1.0
37	DODGE	12.1%	-0.1
17	DOOR	10.4%	-0.8
45	DOUGLAS	13.0%	0.2
39	DUNN	12.4%	0.0
2	EAU CLAIRE	8.0%	-1.6
8	FLORENCE	9.0%	-1.3
33	FOND DU LAC	11.8%	-0.2
70	FOREST	17.7%	1.9
30	GRANT	11.6%	-0.3
48	GREEN	13.4%	0.3
38	GREEN LAKE	12.3%	0.0
4	IOWA	8.5%	-1.4
24	IRON	10.8%	-0.6
19	JACKSON	10.5%	-0.7
15	JEFFERSON	10.1%	-0.9
69	JUNEAU	17.6%	1.9
61	KENOSHA	14.8%	0.9
13	KEWAUNEE	9.9%	-0.9
18	LA CROSSE	10.5%	-0.7
20	LAFAYETTE	10.5%	-0.7
22	LANGLADE	10.7%	-0.6
54	LINCOLN	14.3%	0.7
40	MANITOWOC	12.6%	0.1
14	MARATHON	9.9%	-0.9
64	MARINETTE	15.8%	1.2
63	MARQUETTE	15.8%	1.2
72	MENOMINEE	20.2%	2.8
59	MILWAUKEE	14.8%	0.9
29	MONROE	11.5%	-0.3
32	OCONTO	11.6%	-0.3
50	ONEIDA	13.7%	0.5
7	OUTAGAMIE	8.8%	-1.3
1	OZAUKEE	7.6%	-1.8
46	PEPIN	13.1%	0.3
27	PIERCE	11.4%	-0.4
43	POLK	12.9%	0.2
5	PORTAGE	8.5%	-1.4
62	PRICE	15.3%	1.1
53	RACINE	14.1%	0.6
25	RICHLAND	11.1%	-0.5
44	ROCK	13.0%	0.2
11	RUSK	9.4%	-1.1
16	SAUK	10.3%	-0.8
55	SAWYER	14.4%	0.7
51	SHAWANO	13.8%	0.5
42	SHEBOYGAN	12.7%	0.1
9	ST CROIX	9.0%	-1.3
41	TAYLOR	12.6%	0.1
58	TREMPEALEAU	14.7%	0.8
21	VERNON	10.7%	-0.6
68	VILAS	17.6%	1.9
34	WALWORTH	11.8%	-0.2
66	WASHBURN	16.2%	1.4
23	WASHINGTON	10.7%	-0.6
3	WAUKESHA	8.2%	-1.5
56	WAUPACA	14.6%	0.8
57	WAUSHARA	14.6%	0.8
26	WINNEBAGO	11.2%	-0.5
31	WOOD	11.6%	-0.3

Wisconsin	12.0%
Mean of counties	12.4%
Standard deviation	2.7%

**Wisconsin County Health Rankings – 2004
Technical Notes**

Data element	Percent of sample reporting “fair” or “poor” health
Description	The percent of the population that reports fair or poor health is used as a measure of general health status. The data are based on answers to the question, “In general, would you say that your health is excellent, very good, good, fair, or poor?” The percentage of persons reporting less-than-good health (i.e., fair or poor) is detailed here.
Percent of total health outcomes score	50%
Data source(s)	Behavior Risk Factor Surveillance System (BRFSS) Family Health Survey (FHS)
Year(s) of data used	1997-2003
Calculations and other notes	<p>Age-adjusted prevalences for BRFSS and FHS were calculated separately using 4 age groups: 18-34, 35-44, 45-64, 65+. A weighted average of the BRFSS and FHS prevalences was then calculated based on the sample size of each survey.</p> <p>Note: The method of age-adjustment above is different from that used for the 2003 Rankings and may have influenced a slight increase in the reported value for prevalence of fair/poor health.</p>

Smoking during pregnancy

Sorted by Rank

Rank	County Name	Percent	Score
1	OZAUKEE	7.5%	-2.0
2	WAUKESHA	8.6%	-1.8
3	DANE	9.7%	-1.6
4	CALUMET	10.4%	-1.5
5	PIERCE	12.3%	-1.2
6	WASHINGTON	12.4%	-1.2
7	ST CROIX	12.4%	-1.2
8	OUTAGAMIE	13.6%	-1.0
9	MILWAUKEE	14.0%	-0.9
10	GRANT	14.2%	-0.9
11	VERNON	14.2%	-0.9
12	LA CROSSE	14.3%	-0.9
13	BUFFALO	14.4%	-0.9
14	CLARK	14.6%	-0.8
15	KEWAUNEE	15.4%	-0.7
16	BROWN	15.5%	-0.7
17	PEPIN	15.9%	-0.6
18	GREEN LAKE	15.9%	-0.6
19	PORTAGE	16.0%	-0.6
20	KENOSHA	16.1%	-0.6
21	MARATHON	16.5%	-0.5
22	TREMPEALEAU	16.6%	-0.5
23	RACINE	16.6%	-0.5
24	IRON	16.9%	-0.5
25	PRICE	17.0%	-0.5
26	RICHLAND	17.0%	-0.4
27	COLUMBIA	17.1%	-0.4
28	IOWA	17.2%	-0.4
29	WALWORTH	17.3%	-0.4
30	WINNEBAGO	17.4%	-0.4
31	SHEBOYGAN	17.4%	-0.4
32	DUNN	17.6%	-0.4
33	JEFFERSON	17.9%	-0.3
34	LAFAYETTE	18.3%	-0.2
35	DOOR	18.3%	-0.2
36	DODGE	18.3%	-0.2
37	EAU CLAIRE	18.5%	-0.2
38	FOND DU LAC	18.5%	-0.2
39	TAYLOR	18.8%	-0.2
40	GREEN	19.0%	-0.1
41	BARRON	19.7%	0.0
42	ROCK	19.8%	0.0
43	WOOD	20.9%	0.2
44	WAUPACA	21.1%	0.2
45	MANITOWOC	21.1%	0.2
46	SAUK	21.4%	0.2
47	POLK	21.8%	0.3
48	MARINETTE	21.9%	0.3
49	CHIPPEWA	21.9%	0.3
50	OCONTO	22.0%	0.3
51	WAUSHARA	22.3%	0.4
52	MONROE	22.6%	0.4
53	SHAWANO	22.9%	0.5
54	CRAWFORD	23.1%	0.5
55	RUSK	23.3%	0.6
56	MARQUETTE	23.4%	0.6
57	DOUGLAS	23.4%	0.6
58	WASHBURN	23.9%	0.6
59	LINCOLN	24.0%	0.7
60	VILAS	25.3%	0.9
61	LANGLADE	26.7%	1.1
62	FLORENCE	26.8%	1.1
63	ONEIDA	27.0%	1.1
64	JACKSON	27.1%	1.2
65	BAYFIELD	28.2%	1.3
66	JUNEAU	29.1%	1.5
67	ASHLAND	29.6%	1.5
68	BURNETT	29.8%	1.6
69	SAWYER	30.5%	1.7
70	ADAMS	31.2%	1.8
71	FOREST	32.2%	2.0
72	MENOMINEE	46.1%	4.2

Sorted by County Name

Rank	County Name	Percent	Score
70	ADAMS	31.2%	1.8
67	ASHLAND	29.6%	1.5
41	BARRON	19.7%	0.0
65	BAYFIELD	28.2%	1.3
16	BROWN	15.5%	-0.7
13	BUFFALO	14.4%	-0.9
68	BURNETT	29.8%	1.6
4	CALUMET	10.4%	-1.5
49	CHIPPEWA	21.9%	0.3
14	CLARK	14.6%	-0.8
27	COLUMBIA	17.1%	-0.4
54	CRAWFORD	23.1%	0.5
3	DANE	9.7%	-1.6
36	DODGE	18.3%	-0.2
35	DOOR	18.3%	-0.2
57	DOUGLAS	23.4%	0.6
32	DUNN	17.6%	-0.4
37	EAU CLAIRE	18.5%	-0.2
62	FLORENCE	26.8%	1.1
38	FOND DU LAC	18.5%	-0.2
71	FOREST	32.2%	2.0
10	GRANT	14.2%	-0.9
40	GREEN	19.0%	-0.1
18	GREEN LAKE	15.9%	-0.6
28	IOWA	17.2%	-0.4
24	IRON	16.9%	-0.5
64	JACKSON	27.1%	1.2
33	JEFFERSON	17.9%	-0.3
66	JUNEAU	29.1%	1.5
20	KENOSHA	16.1%	-0.6
15	KEWAUNEE	15.4%	-0.7
12	LA CROSSE	14.3%	-0.9
34	LAFAYETTE	18.3%	-0.2
61	LANGLADE	26.7%	1.1
59	LINCOLN	24.0%	0.7
45	MANITOWOC	21.1%	0.2
21	MARATHON	16.5%	-0.5
48	MARINETTE	21.9%	0.3
56	MARQUETTE	23.4%	0.6
72	MENOMINEE	46.1%	4.2
9	MILWAUKEE	14.0%	-0.9
52	MONROE	22.6%	0.4
50	OCONTO	22.0%	0.3
63	ONEIDA	27.0%	1.1
8	OUTAGAMIE	13.6%	-1.0
1	OZAUKEE	7.5%	-2.0
17	PEPIN	15.9%	-0.6
5	PIERCE	12.3%	-1.2
47	POLK	21.8%	0.3
19	PORTAGE	16.0%	-0.6
25	PRICE	17.0%	-0.5
23	RACINE	16.6%	-0.5
26	RICHLAND	17.0%	-0.4
42	ROCK	19.8%	0.0
55	RUSK	23.3%	0.6
46	SAUK	21.4%	0.2
69	SAWYER	30.5%	1.7
53	SHAWANO	22.9%	0.5
31	SHEBOYGAN	17.4%	-0.4
7	ST CROIX	12.4%	-1.2
39	TAYLOR	18.8%	-0.2
22	TREMPEALEAU	16.6%	-0.5
11	VERNON	14.2%	-0.9
60	VILAS	25.3%	0.9
29	WALWORTH	17.3%	-0.4
58	WASHBURN	23.9%	0.6
6	WASHINGTON	12.4%	-1.2
2	WAUKESHA	8.6%	-1.8
44	WAUPACA	21.1%	0.2
51	WAUSHARA	22.3%	0.4
30	WINNEBAGO	17.4%	-0.4
43	WOOD	20.9%	0.2

Wisconsin	15.7%
Mean of counties	19.9%
Standard deviation	6.3%

**Wisconsin County Health Rankings – 2004
Technical Notes**

Data element	Smoking during pregnancy
Description	This element measures the percentage of the pregnant women in the population who smoke. This variable also serves as an indicator of tobacco use and exposure in the population.
Percent of total health determinants score	6.0%
Data source(s)	Wisconsin Interactive Statistics on Health (WISH), Department of Health and Family Services, Division of Public Health, Bureau of Health Information and Policy Online: http://www.dhfs.state.wi.us/wish/
Year(s) of data used	2000-2002
Calculations and other notes	* Score truncated for calculation of summary scores and ranks.

Socioeconomic Determinants

Sorted by Rank

Rank	County Name	Score
1	OZAUKEE	-1.66
2	WAUKESHA	-1.66
3	CALUMET	-1.33
4	WASHINGTON	-1.18
5	PIERCE	-1.15
6	ST CROIX	-1.14
7	KEWAUNEE	-0.97
8	OUTAGAMIE	-0.96
9	DODGE	-0.71
10	PORTAGE	-0.62
11	FOND DU LAC	-0.61
12	SHEBOYGAN	-0.57
13	COLUMBIA	-0.54
14	MARATHON	-0.52
15	GRANT	-0.52
16	LAFAYETTE	-0.51
17	IOWA	-0.46
18	DOOR	-0.46
19	MANITOWOC	-0.45
20	BUFFALO	-0.44
21	EAU CLAIRE	-0.42
22	PEPIN	-0.42
23	WOOD	-0.40
24	GREEN LAKE	-0.39
25	DANE	-0.38
26	JEFFERSON	-0.37
27	LA CROSSE	-0.35
28	DUNN	-0.32
29	GREEN	-0.29
30	BROWN	-0.23
31	WALWORTH	-0.22
32	SHAWANO	-0.20
33	WINNEBAGO	-0.19
34	TAYLOR	-0.14
35	POLK	-0.12
36	CHIPPEWA	-0.11
37	LINCOLN	-0.01
38	WAUPACA	0.01
39	PRICE	0.04
40	SAUK	0.05
41	OCONTO	0.06
42	CLARK	0.07
43	TREMPEALEAU	0.09
44	MARINETTE	0.18
45	RICHLAND	0.23
46	BARRON	0.27
47	VERNON	0.28
48	CRAWFORD	0.30
49	ASHLAND	0.38
50	KENOSHA	0.39
51	VILAS	0.42
52	MONROE	0.44
53	JACKSON	0.46
54	LANGLADE	0.47
55	ROCK	0.48
56	IRON	0.48
57	WASHBURN	0.55
58	RACINE	0.57
59	FLORENCE	0.57
60	WAUSHARA	0.60
61	ONEIDA	0.65
62	MARQUETTE	0.66
63	BURNETT	0.67
64	RUSK	0.68
65	FOREST	0.78
66	BAYFIELD	0.79
67	SAWYER	0.99
68	JUNEAU	1.11
69	ADAMS	1.15
70	DOUGLAS	1.15
71	MILWAUKEE	1.53
72	MENOMINEE	2.41

Sorted by County Name

Rank	County Name	Score
69	ADAMS	1.15
49	ASHLAND	0.38
46	BARRON	0.27
66	BAYFIELD	0.79
30	BROWN	-0.23
20	BUFFALO	-0.44
63	BURNETT	0.67
3	CALUMET	-1.33
36	CHIPPEWA	-0.11
42	CLARK	0.07
13	COLUMBIA	-0.54
48	CRAWFORD	0.30
25	DANE	-0.38
9	DODGE	-0.71
18	DOOR	-0.46
70	DOUGLAS	1.15
28	DUNN	-0.32
21	EAU CLAIRE	-0.42
59	FLORENCE	0.57
11	FOND DU LAC	-0.61
65	FOREST	0.78
15	GRANT	-0.52
29	GREEN	-0.29
24	GREEN LAKE	-0.39
17	IOWA	-0.46
56	IRON	0.48
53	JACKSON	0.46
26	JEFFERSON	-0.37
68	JUNEAU	1.11
50	KENOSHA	0.39
7	KEWAUNEE	-0.97
27	LA CROSSE	-0.35
16	LAFAYETTE	-0.51
54	LANGLADE	0.47
37	LINCOLN	-0.01
19	MANITOWOC	-0.45
14	MARATHON	-0.52
44	MARINETTE	0.18
62	MARQUETTE	0.66
72	MENOMINEE	2.41
71	MILWAUKEE	1.53
52	MONROE	0.44
41	OCONTO	0.06
61	ONEIDA	0.65
8	OUTAGAMIE	-0.96
1	OZAUKEE	-1.66
22	PEPIN	-0.42
5	PIERCE	-1.15
35	POLK	-0.12
10	PORTAGE	-0.62
39	PRICE	0.04
58	RACINE	0.57
45	RICHLAND	0.23
55	ROCK	0.48
64	RUSK	0.68
40	SAUK	0.05
67	SAWYER	0.99
32	SHAWANO	-0.20
12	SHEBOYGAN	-0.57
6	ST CROIX	-1.14
34	TAYLOR	-0.14
43	TREMPEALEAU	0.09
47	VERNON	0.28
51	VILAS	0.42
31	WALWORTH	-0.22
57	WASHBURN	0.55
4	WASHINGTON	-1.18
2	WAUKESHA	-1.66
38	WAUPACA	0.01
60	WAUSHARA	0.60
33	WINNEBAGO	-0.19
23	WOOD	-0.40

Sexually Transmitted Diseases (STDs)

Sorted by Rank

Rank	County Name	Rate/100,000	Score
1	TAYLOR	38	-0.7
2	PEPIN	48	-0.7
3	WAUKESHA	54	-0.7
4	CALUMET	54	-0.7
5	BURNETT	56	-0.7
6	IRON	58	-0.7
7	FLORENCE	59	-0.7
8	BAYFIELD	59	-0.7
9	BUFFALO	72	-0.6
10	WAUPACA	81	-0.6
11	PRICE	83	-0.6
12	ONEIDA	86	-0.6
13	LAFAYETTE	89	-0.6
14	KEWAUNEE	90	-0.5
15	ST CROIX	93	-0.5
16	OZAUKEE	93	-0.5
17	VERNON	98	-0.5
18	ADAMS	98	-0.5
19	CRAWFORD	101	-0.5
20	WALWORTH	105	-0.5
21	RICHLAND	113	-0.5
22	SAWYER	115	-0.5
23	IOWA	119	-0.4
24	CLARK	119	-0.4
25	LANGLADE	122	-0.4
26	JEFFERSON	122	-0.4
27	PIERCE	128	-0.4
28	GRANT	130	-0.4
29	CHIPPEWA	131	-0.4
30	MARQUETTE	142	-0.4
31	POLK	146	-0.3
32	GREEN LAKE	148	-0.3
33	OCONTO	151	-0.3
34	COLUMBIA	159	-0.3
35	DOOR	160	-0.3
36	MARINETTE	161	-0.3
37	JACKSON	163	-0.3
38	WOOD	168	-0.3
39	SHAWANO	171	-0.2
40	MANITOWOC	174	-0.2
41	WINNEBAGO	176	-0.2
42	ASHLAND	180	-0.2
43	FOND DU LAC	188	-0.2
44	PORTAGE	191	-0.2
45	LINCOLN	197	-0.1
46	RUSK	202	-0.1
47	SHEBOYGAN	210	-0.1
48	GREEN	210	-0.1
49	BARRON	213	-0.1
50	TREMPEALEAU	216	-0.1
51	JUNEAU	227	0.0
52	DUNN	229	0.0
53	OUTAGAMIE	236	0.0
54	WASHINGTON	240	0.0
55	SAUK	249	0.0
56	MARATHON	250	0.1
57	DOUGLAS	252	0.1
58	MONROE	266	0.1
59	FOREST	308	0.3
60	EAU CLAIRE	358	0.5
61	LA CROSSE	370	0.5
62	BROWN	389	0.6
63	DANE	393	0.6
64	VILAS	398	0.6
65	KENOSHA	438	0.8
66	ROCK	481	0.9
67	DODGE	526	1.1
68	WASHBURN	533	1.1
69	RACINE	635	1.5
70	WAUSHARA	745	1.9
71	MILWAUKEE	1514	4.8
72	MENOMINEE	1634	5.2

Sorted by County Name

Rank	County Name	Rate/100,000	Score
18	ADAMS	98	-0.5
42	ASHLAND	180	-0.2
49	BARRON	213	-0.1
8	BAYFIELD	59	-0.7
62	BROWN	389	0.6
9	BUFFALO	72	-0.6
5	BURNETT	56	-0.7
4	CALUMET	54	-0.7
29	CHIPPEWA	131	-0.4
24	CLARK	119	-0.4
34	COLUMBIA	159	-0.3
19	CRAWFORD	101	-0.5
63	DANE	393	0.6
67	DODGE	526	1.1
35	DOOR	160	-0.3
57	DOUGLAS	252	0.1
52	DUNN	229	0.0
60	EAU CLAIRE	358	0.5
7	FLORENCE	59	-0.7
43	FOND DU LAC	188	-0.2
59	FOREST	308	0.3
28	GRANT	130	-0.4
48	GREEN	210	-0.1
32	GREEN LAKE	148	-0.3
23	IOWA	119	-0.4
6	IRON	58	-0.7
37	JACKSON	163	-0.3
26	JEFFERSON	122	-0.4
51	JUNEAU	227	0.0
65	KENOSHA	438	0.8
14	KEWAUNEE	90	-0.5
61	LA CROSSE	370	0.5
13	LAFAYETTE	89	-0.6
25	LANGLADE	122	-0.4
45	LINCOLN	197	-0.1
40	MANITOWOC	174	-0.2
56	MARATHON	250	0.1
36	MARINETTE	161	-0.3
30	MARQUETTE	142	-0.4
72	MENOMINEE	1634	5.2
71	MILWAUKEE	1514	4.8
58	MONROE	266	0.1
33	OCONTO	151	-0.3
12	ONEIDA	86	-0.6
53	OUTAGAMIE	236	0.0
16	OZAUKEE	93	-0.5
2	PEPIN	48	-0.7
27	PIERCE	128	-0.4
31	POLK	146	-0.3
44	PORTAGE	191	-0.2
11	PRICE	83	-0.6
69	RACINE	635	1.5
21	RICHLAND	113	-0.5
66	ROCK	481	0.9
46	RUSK	202	-0.1
55	SAUK	249	0.0
22	SAWYER	115	-0.5
39	SHAWANO	171	-0.2
47	SHEBOYGAN	210	-0.1
15	ST CROIX	93	-0.5
1	TAYLOR	38	-0.7
50	TREMPEALEAU	216	-0.1
17	VERNON	98	-0.5
64	VILAS	398	0.6
20	WALWORTH	105	-0.5
68	WASHBURN	533	1.1
54	WASHINGTON	240	0.0
3	WAUKESHA	54	-0.7
10	WAUPACA	81	-0.6
70	WAUSHARA	745	1.9
41	WINNEBAGO	176	-0.2
38	WOOD	168	-0.3

Wisconsin	390
Mean of counties	236
Standard deviation	267

**Wisconsin County Health Rankings – 2004
Technical Notes**

Data element	Sexually transmitted diseases
Description	This element measures the average annual number of reported cases of chlamydia, gonorrhea, syphilis, and herpes as the rate per 100,000 in the population.
Percent of total health determinants score	1.0%
Data source(s)	Wisconsin Department of Health and Family Services
Year(s) of data used	2001-2002
Calculations and other notes	* Score truncated for calculation of summary scores and ranks.

Teen birth rate

Sorted by Rank

Rank	County Name	Births / 1000	Score
1	OZAUKEE	9.6	-1.6
2	PIERCE	12.6	-1.3
3	WAUKESHA	13.3	-1.3
4	IRON	14.4	-1.2
5	CALUMET	15.3	-1.1
6	PRICE	17.0	-1.0
7	DUNN	17.1	-1.0
8	WASHINGTON	18.1	-0.9
9	EAU CLAIRE	18.6	-0.9
10	LA CROSSE	18.6	-0.9
11	ST CROIX	18.8	-0.9
12	GRANT	19.5	-0.8
13	KEWAUNEE	21.4	-0.7
14	DANE	21.9	-0.7
15	FLORENCE	22.1	-0.6
16	ONEIDA	22.2	-0.6
17	BAYFIELD	22.8	-0.6
18	PORTAGE	22.8	-0.6
19	COLUMBIA	23.0	-0.6
20	WINNEBAGO	23.1	-0.6
21	TAYLOR	23.5	-0.5
22	RICHLAND	23.5	-0.5
23	PEPIN	23.8	-0.5
24	IOWA	23.9	-0.5
25	OCONTO	24.7	-0.4
26	GREEN	24.8	-0.4
27	LAFAYETTE	25.0	-0.4
28	DOOR	25.1	-0.4
29	TREMPEALEAU	25.2	-0.4
30	JEFFERSON	25.6	-0.4
31	BUFFALO	26.0	-0.3
32	FOND DU LAC	26.4	-0.3
33	POLK	26.8	-0.3
34	VERNON	27.1	-0.3
35	OUTAGAMIE	27.3	-0.2
36	CLARK	27.8	-0.2
37	MANITOWOC	27.8	-0.2
38	MARATHON	28.0	-0.2
39	WALWORTH	28.4	-0.2
40	WAUPACA	28.7	-0.1
41	LINCOLN	28.9	-0.1
42	SHAWANO	28.9	-0.1
43	MARINETTE	29.1	-0.1
44	DODGE	29.2	-0.1
45	RUSK	30.5	0.0
46	WOOD	30.8	0.0
47	VILAS	31.5	0.1
48	GREEN LAKE	31.9	0.1
49	BARRON	31.9	0.1
50	SHEBOYGAN	32.0	0.1
51	CHIPPEWA	32.7	0.2
52	DOUGLAS	33.6	0.2
53	ASHLAND	33.9	0.3
54	BROWN	36.6	0.5
55	CRAWFORD	37.3	0.5
56	WASHBURN	37.9	0.6
57	MONROE	38.0	0.6
58	SAUK	38.4	0.6
59	WAUSHARA	40.5	0.8
60	BURNETT	40.9	0.8
61	JACKSON	41.0	0.8
62	FOREST	42.0	0.9
63	KENOSHA	42.5	0.9
64	JUNEAU	44.9	1.1
65	LANGLADE	46.7	1.2
66	ADAMS	46.8	1.2
67	ROCK	47.9	1.3
68	RACINE	48.6	1.4
69	MARQUETTE	48.9	1.4
70	SAWYER	52.9	1.7
71	MILWAUKEE	67.5	2.8
72	MENOMINEE	97.8	5.1

Sorted by County Name

Rank	County Name	Births / 1000	Score
66	ADAMS	46.8	1.2
53	ASHLAND	33.9	0.3
49	BARRON	31.9	0.1
17	BAYFIELD	22.8	-0.6
54	BROWN	36.6	0.5
31	BUFFALO	26.0	-0.3
60	BURNETT	40.9	0.8
5	CALUMET	15.3	-1.1
51	CHIPPEWA	32.7	0.2
36	CLARK	27.8	-0.2
19	COLUMBIA	23.0	-0.6
55	CRAWFORD	37.3	0.5
14	DANE	21.9	-0.7
44	DODGE	29.2	-0.1
28	DOOR	25.1	-0.4
52	DOUGLAS	33.6	0.2
7	DUNN	17.1	-1.0
9	EAU CLAIRE	18.6	-0.9
15	FLORENCE	22.1	-0.6
32	FOND DU LAC	26.4	-0.3
62	FOREST	42.0	0.9
12	GRANT	19.5	-0.8
26	GREEN	24.8	-0.4
48	GREEN LAKE	31.9	0.1
24	IOWA	23.9	-0.5
4	IRON	14.4	-1.2
61	JACKSON	41.0	0.8
30	JEFFERSON	25.6	-0.4
64	JUNEAU	44.9	1.1
63	KENOSHA	42.5	0.9
13	KEWAUNEE	21.4	-0.7
10	LA CROSSE	18.6	-0.9
27	LAFAYETTE	25.0	-0.4
65	LANGLADE	46.7	1.2
41	LINCOLN	28.9	-0.1
37	MANITOWOC	27.8	-0.2
38	MARATHON	28.0	-0.2
43	MARINETTE	29.1	-0.1
69	MARQUETTE	48.9	1.4
72	MENOMINEE	97.8	5.1
71	MILWAUKEE	67.5	2.8
57	MONROE	38.0	0.6
25	OCONTO	24.7	-0.4
16	ONEIDA	22.2	-0.6
35	OUTAGAMIE	27.3	-0.2
1	OZAUKEE	9.6	-1.6
23	PEPIN	23.8	-0.5
2	PIERCE	12.6	-1.3
33	POLK	26.8	-0.3
18	PORTAGE	22.8	-0.6
6	PRICE	17.0	-1.0
68	RACINE	48.6	1.4
22	RICHLAND	23.5	-0.5
67	ROCK	47.9	1.3
45	RUSK	30.5	0.0
58	SAUK	38.4	0.6
70	SAWYER	52.9	1.7
42	SHAWANO	28.9	-0.1
50	SHEBOYGAN	32.0	0.1
11	ST CROIX	18.8	-0.9
21	TAYLOR	23.5	-0.5
29	TREMPEALEAU	25.2	-0.4
34	VERNON	27.1	-0.3
47	VILAS	31.5	0.1
39	WALWORTH	28.4	-0.2
56	WASHBURN	37.9	0.6
8	WASHINGTON	18.1	-0.9
3	WAUKESHA	13.3	-1.3
40	WAUPACA	28.7	-0.1
59	WAUSHARA	40.5	0.8
20	WINNEBAGO	23.1	-0.6
46	WOOD	30.8	0.0

Wisconsin	34.2
Mean of counties	30.5
Standard deviation	13.2

**Wisconsin County Health Rankings – 2004
Technical Notes**

Data element	Teen birth rate
Description	This element measures the average annual birth rate per 1,000 females aged 15-19.
Percent of total health determinants score	1.0%
Data source(s)	Wisconsin Interactive Statistics on Health (WISH), Department of Health and Family Services, Division of Public Health, Bureau of Health Information and Policy Online: http://www.dhfs.state.wi.us/wish/
Year(s) of data used	2000-2002
Calculations and other notes	* Score truncated for calculation of summary scores and ranks.

Violent crime

Sorted by Rank

Rank	County Name	Crime/100,000	Score
1	FLORENCE	20	-0.6
2	KEWAUNEE	37	-0.5
3	CALUMET	39	-0.5
4	CRAWFORD	41	-0.5
5	WOOD	44	-0.5
6	OZAUKEE	45	-0.5
7	JUNEAU	50	-0.5
8	ADAMS	51	-0.5
9	JACKSON	52	-0.5
10	BUFFALO	53	-0.5
11	WASHINGTON	56	-0.4
12	DOOR	60	-0.4
13	CLARK	60	-0.4
14	WAUPACA	61	-0.4
15	VERNON	62	-0.4
16	TAYLOR	63	-0.4
17	GREEN	64	-0.4
18	WAUKESHA	69	-0.4
19	DODGE	69	-0.4
20	LAFAYETTE	70	-0.4
21	SHAWANO	71	-0.4
22	DUNN	72	-0.4
23	PRICE	73	-0.4
24	CHIPPEWA	74	-0.3
25	OCONTO	75	-0.3
26	PIERCE	76	-0.3
27	PEPIN	78	-0.3
28	WAUSHARA	78	-0.3
29	COLUMBIA	82	-0.3
30	POLK	83	-0.3
31	ST CROIX	85	-0.3
32	IRON	86	-0.3
33	TREMPEALEAU	89	-0.3
34	MARINETTE	95	-0.2
35	MANITOWOC	96	-0.2
36	MARQUETTE	97	-0.2
37	OUTAGAMIE	97	-0.2
38	PORTAGE	100	-0.2
39	ASHLAND	103	-0.2
40	SAWYER	107	-0.2
41	FOND DU LAC	107	-0.2
42	SHEBOYGAN	110	-0.2
43	WALWORTH	113	-0.1
44	BURNETT	115	-0.1
45	GREEN LAKE	120	-0.1
46	MARATHON	120	-0.1
47	ONEIDA	130	-0.1
48	VILAS	130	-0.1
49	IOWA	130	-0.1
50	WINNEBAGO	132	0.0
51	WASHBURN	132	0.0
52	SAUK	137	0.0
53	JEFFERSON	139	0.0
54	MONROE	141	0.0
55	FOREST	146	0.0
56	GRANT	148	0.0
57	LANGLADE	156	0.1
58	LINCOLN	157	0.1
59	BAYFIELD	160	0.1
60	EAU CLAIRE	166	0.1
61	BROWN	169	0.2
62	DOUGLAS	171	0.2
63	LA CROSSE	188	0.3
64	BARRON	189	0.3
65	RICHLAND	213	0.4
66	DANE	227	0.5
67	ROCK	236	0.5
68	RACINE	310	0.9
69	RUSK	320	0.9
70	KENOSHA	383	1.3
71	MILWAUKEE	658	2.7
72	MENOMINEE	1559	7.4

Sorted by County Name

Rank	County Name	Crime/100,000	Score
8	ADAMS	51	-0.5
39	ASHLAND	103	-0.2
64	BARRON	189	0.3
59	BAYFIELD	160	0.1
61	BROWN	169	0.2
10	BUFFALO	53	-0.5
44	BURNETT	115	-0.1
3	CALUMET	39	-0.5
24	CHIPPEWA	74	-0.3
13	CLARK	60	-0.4
29	COLUMBIA	82	-0.3
4	CRAWFORD	41	-0.5
66	DANE	227	0.5
19	DODGE	69	-0.4
12	DOOR	60	-0.4
62	DOUGLAS	171	0.2
22	DUNN	72	-0.4
60	EAU CLAIRE	166	0.1
1	FLORENCE	20	-0.6
41	FOND DU LAC	107	-0.2
55	FOREST	146	0.0
56	GRANT	148	0.0
17	GREEN	64	-0.4
45	GREEN LAKE	120	-0.1
49	IOWA	130	-0.1
32	IRON	86	-0.3
9	JACKSON	52	-0.5
53	JEFFERSON	139	0.0
7	JUNEAU	50	-0.5
70	KENOSHA	383	1.3
2	KEWAUNEE	37	-0.5
63	LA CROSSE	188	0.3
20	LAFAYETTE	70	-0.4
57	LANGLADE	156	0.1
58	LINCOLN	157	0.1
35	MANITOWOC	96	-0.2
46	MARATHON	120	-0.1
34	MARINETTE	95	-0.2
36	MARQUETTE	97	-0.2
72	MENOMINEE	1559	7.4
71	MILWAUKEE	658	2.7
54	MONROE	141	0.0
25	OCONTO	75	-0.3
47	ONEIDA	130	-0.1
37	OUTAGAMIE	97	-0.2
6	OZAUKEE	45	-0.5
27	PEPIN	78	-0.3
26	PIERCE	76	-0.3
30	POLK	83	-0.3
38	PORTAGE	100	-0.2
23	PRICE	73	-0.4
68	RACINE	310	0.9
65	RICHLAND	213	0.4
67	ROCK	236	0.5
69	RUSK	320	0.9
52	SAUK	137	0.0
40	SAWYER	107	-0.2
21	SHAWANO	71	-0.4
42	SHEBOYGAN	110	-0.2
31	ST CROIX	85	-0.3
16	TAYLOR	63	-0.4
33	TREMPEALEAU	89	-0.3
15	VERNON	62	-0.4
48	VILAS	130	-0.1
43	WALWORTH	113	-0.1
51	WASHBURN	132	0.0
11	WASHINGTON	56	-0.4
18	WAUKESHA	69	-0.4
14	WAUPACA	61	-0.4
28	WAUSHARA	78	-0.3
50	WINNEBAGO	132	0.0
5	WOOD	44	-0.5

Wisconsin	227
Mean of counties	140
Standard deviation	192

**Wisconsin County Health Rankings – 2004
Technical Notes**

Data element	Violent crime
Description	This element measures the annual number of reported violent crimes per 100,000 in the population.
Percent of total health determinants score	1.5%
Data source(s)	Wisconsin Office of Justice Assistance
Year(s) of data used	2000-2002
Calculations and other notes	* Score truncated for calculation of summary scores and ranks.