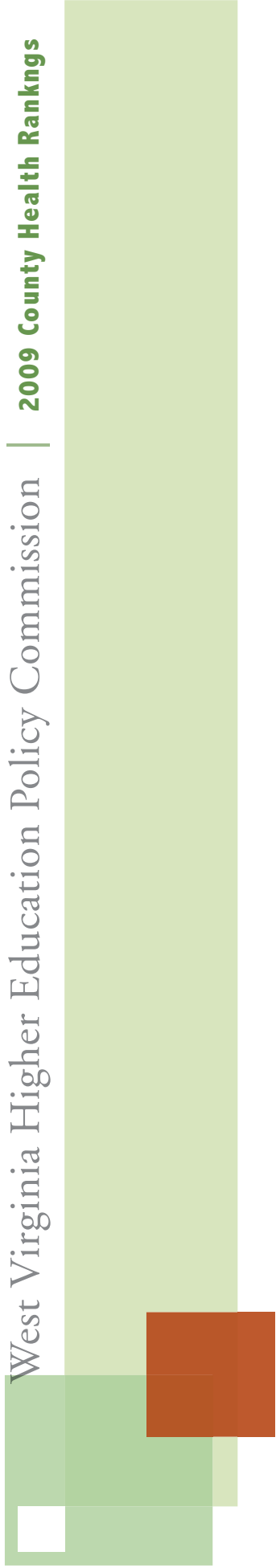




West Virginia
County
**HEALTH
RANKINGS**
2009



West Virginia
Higher Education
Policy Commission



Introduction

The West Virginia Higher Education Policy Commission (HEPC) has a dual mission with respect to our training programs in the health professions. We must make available to the students of our state a high quality education in the profession of their choosing, and, at the same time, we must educate the workforce that West Virginia needs to adequately serve its citizens. Training for health professionals is, to some extent, unique in its reliance on experiential education, which means that our educational institutions must also be service providers. Students and faculty diagnose and treat individual patients in hospitals and clinics, and they conduct community-based projects aimed at improving the health of broad populations. Policymakers therefore expect us to make investments strategically, targeting the geographic areas of greatest need, and targeting the health problems of greatest impact.

The Division of Health Sciences of the HEPC is establishing a Center for Health Partnerships, which will bring together many agencies and institutions to work toward common goals. Currently, we are planning to focus on three initiatives: perinatal care, elder care, and rural primary care. In order to apply our resources most efficiently and effectively, we need to know what areas of West Virginia have the greatest need for improvement in health status, and which areas are most underserved by providers of health services. The West Virginia 2009 County Health Rankings is an attempt to quantify the answers to these questions and organize the data available to us.

We would like to acknowledge the work of the West Virginia Department of Health and Human Resources, particularly the West Virginia Health Statistics Center, headed by Daniel M. Christy, MPH, which made available to us much of the data reported herein. The more focused mission of the Center for Health Partnership will rely on the West Virginia Health Statistics Center and other state agencies for the data necessary to plan, direct, and evaluate our efforts.

Higher education, obviously, cannot solve the health problems or meet all of the health service needs of West Virginia. We can, however, instigate a process by which we direct our resources and our energy to endeavors which have the greatest impact on the health of our citizens and their access to care. By engaging our medical schools and other educational programs to work collaboratively with health providers, state agencies, and local communities, we believe the results will be far greater than could be achieved by any one of these entities acting alone. If the higher education community fails to do its part, policymakers will hold us accountable, and the West Virginia 2009 County Health Rankings provides the foundation for this accountability.



West Virginia 2009 County Health Rankings

Welcome to this summary of the West Virginia 2009 County Health Rankings. West Virginia 2009 County Health Rankings provide a snapshot of the overall status of population health by county. This report is intended to summarize the current health of each county's population and the current distribution of key factors that determine future health. The West Virginia 2009 County Health Rankings point out general areas where public policy makers working with health professionals can set priorities and dedicate resources.

The West Virginia 2009 County Health Rankings ranks counties according to their summary measures of health outcomes and health determinants. Individual major components of outcomes and determinants are also given. Places receive a rank for each population health component. The rankings provide an opportunity to identify areas of potential health improvement. Counties ranked in the first quartile are estimated to be the "healthiest." The rankings are based on a statistical model (similar to other states) using existing and available public data.

West Virginia 2009 County Health Rankings focuses on two categories of health measures—health outcomes and health determinants. Health outcomes are those things that describe how healthy we are as a county population at a given moment. Health determinants are those things that influence future health outcomes. The summary health outcomes ranking is based on weighted scores of three measures: mortality, low birth weight and general health status. The health determinants ranks are based on weighted scores of four major components:

1. Health Care
2. Health Behaviors
3. Socioeconomic Factors
4. Physical Environment

This summary report shows the quartile placement of counties as well as individual county rank. Ranking shown by quartile includes a county Index Value, the summary value derived from the statistical model. The report ranks West Virginia counties in several ways:

- Overall Rank – Health Outcomes measures are combined with its Health Determinants measures.
- Health Outcomes Rank – Overall.
- Health Outcomes Rank – Major individual components.
- Health Determinants Rank – Overall.
- Health Determinants Rank – Major individual components.

Data Sources

Data used in West Virginia County Health Rankings come from a variety of secondary sources:

- West Virginia Vital Statistics
- Workforce West Virginia
- West Virginia Bureau for Public Health HIV/AIDS/STD Program
- West Virginia Division of Criminal Justice Services
- West Virginia Educational Information System
- WV Office of Environmental Health Services
- Behavioral Risk Factor Surveillance System (BRFSS)
- U.S. Census Bureau
- U.S. Environmental Protection Agency (EPA)
- West Virginia Kids Count Fund

The West Virginia Rankings estimates health measures calculated from the most recently available and public data. Where county data were not available, the report uses regional data with contiguous counties assigned the same rank on an individual measure. In order to provide the most statistically reliable information, insignificant data based on small numbers or unreliable data were avoided. In some instances, data was aggregated over a number of years for more statistically significant results. In some instances, the differences between rank placements among counties are very small, and the differential may not be precise enough to indicate the differences between counties separated by five or ten spaces.

West Virginia County Health Rankings have been drawn upon the ranking models used by the Tennessee Institute of Public Health and the University of Wisconsin Population Health Institute. The West Virginia rankings use many of the same measures that are used by other states to rank their counties' with respect to health.

Rankings

The rankings provide a composite analysis of a wide range of health outcomes and determinants. A total of 33 different variables were analyzed simultaneously to produce an overall score for each county. Not all variables were assigned equal weight in the overall score. The weights were determined by public health research and mirror those used by the Tennessee Institute of Public Health. Since some variables have higher weights than others, a county may rank high in the overall score by scoring well on only a handful of key indicators that are weighted heavily while being average on many more variables.

Each county is treated equally in the overall scoring methodology regardless of population size. For some variables, the rankings use regional data because individual county data is not available or the raw numbers are so small that accurate estimates can not be obtained. For data that are not percentages, rates are used instead of gross totals to allow meaningful comparisons between counties that may have vastly different population sizes. To reduce the chance of data suppression and increase stability of the estimates in less populated counties, we combined multiple years of data for most indicators. For example, most of the BRFSS estimates are calculated from 5 years of aggregated data.

Methods

Each county was assigned a z-score for each measure, representing the number of standard deviation units that a place is from the mean of all counties. To avoid an overall rank being strongly influenced by one extreme component score, the z-scores are truncated at -3.0 or 3.0 if the actual score fell outside of this range. Counties were ranked based on their z-scores. Z-scores from multiple indicators were combined to calculate indexes and counties were ranked based off of these indexes.

Weighted averages of the truncated scores were used to calculate the overall summary outcomes and determinants rankings and the rankings for the four major categories of determinants, in accordance with the weights given. If ties occur in assigning ranks for any individual measure (i.e., if the z-scores and underlying data were identical), then the same rank is given to the places that are tied; for example, if the top two places are tied, these two would each be given a rank of one, while the third placeholder would be given a rank of three.

Health Outcomes

Three components were used to represent health outcomes: mortality, low birth weight, and health status, which are each assessed with a single measure (years of potential life lost, birth weights, and self-reported health status, respectively). While many other health outcomes could be included here, these three address both length and quality of life.

Mortality (45%)

Years of Potential Life Lost (YPLL) measures the premature mortality in a county. Every death occurring before the age of 75 contributes to the total number of years of potential life lost.

Low Birth Weight (45%)

Low birth weight is a widely used to measure infant health. Low birth weight is defined as a birth weight under 2,500 grams (5 pounds, 8 ounces).

General Health Status (10%)

General Health Status is a measure of self-reported health-related quality of life in a population. This measure is based on responding “Fair” or “Poor” to the following question: “Would you say that in general your health is: Excellent, Very Good, Good, Fair, or Poor?” The percentage reported in the Rankings is the percentage of people reporting fair or poor health. This measure is age-adjusted to the 2000 U.S. population.

Health Determinants

The selection of determinant measures for West Virginia County Health Rankings was largely guided by the Tennessee County Health Rankings model. Health determinant measures are divided into four major components: health care, health behaviors, socioeconomic factors related to health, and the physical environment. Each of these four major components comprises multiple health determinants.

Health Care (10%)

The component are includes measures of access and whether people are receiving recommended treatment.

- No health insurance- Responding “No” to the following question: “Do you have any kind of health care coverage, including health insurance, prepaid plans such as HMOs, or government plans such as Medicare?” The results reported for this section have been limited to adults aged 18-64.

Health Care Continued

- Medical doctors per capita - Number of licensed, practicing medical doctors per 100,000 population by county of practice.
- Dentists per capita - Number of licensed, practicing dentists per 100,000 population by county of practice.
- Pneumococcal vaccinations - percentage of people who did not receive pneumonia vaccine.
- Influenza vaccinations - percentage of population who had not had a flu shot during the past 12 months.
- Diabetes - Responding “Yes” to the following question: “Have you ever been told by a doctor that you have diabetes?” Women told they had diabetes only during pregnancy are treated as an answer of “No.” Those with pre-diabetes and borderline diabetes also are treated as an answer of “No.”
- Mammography - percentage of women aged 40 and above who did not receive a mammogram within the past two years

Health Behaviors (40%)

The health behaviors component includes measures that reflect healthy lifestyles and personal health-related decisions.

- Cigarette smoking - Smoking at least 100 cigarettes in one’s lifetime and currently smoking every day or some days.
- Smoking during pregnancy - percentage of the women in the population who smoked during their pregnancy. Women giving birth in a hospital are asked about their smoking status after delivering the baby.
- Physical inactivity - Responding “No” to the following question: “During the past month, other than your regular job, did you participate in any physical activities or exercise such as running, calisthenics, golf, gardening, or walking for exercise?”
- Overweight and obesity - Body Mass Index (BMI) is a calculation that standardizes the meaning of the terms obesity and overweight, thereby improving the accuracy of comparisons. BMI is body weight in kilograms divided by height in meters squared ($BMI = \text{kg}/\text{m}^2$). Obesity is defined as a BMI of 30.0 or higher and overweight as a BMI of 25.0-29.9.
- Low fruit and vegetable consumption - percentage of the population that consumes less than 5 servings of fruits and/or vegetables per day. This measure is obtained from the answers to questions asking about what types of food are eaten daily.
- Binge drinking - percentage of the population that consumes of five or more alcoholic drinks for males, or four or more alcoholic drinks for females, on a single occasion during the past one month.
- Teen birth rate - average annual birth rate per 1,000 females aged 15-19.
- Sexually transmitted disease - Sexually Transmitted Disease is a measure of the average annual number of reported cases of chlamydia, gonorrhea, and syphilis as the crude rate per 100,000 in the population.

- Violent crime - annual number of reported violent crimes per 1,000 adults in the population.
- Motor vehicle crash deaths - number of Vehicle Crash Fatalities per 100,000 population.

Socioeconomic Factors (40%)

This component includes measures of socioeconomic status known to be associated with health.

- High school graduation rate - percentage of senior students at the beginning of school year who graduated a year after.
- Level of education - percentage of 18-64 year olds with high school diploma.
- Unemployment - percentage of workforce population who are not currently employed.
- Children in poverty - percentage of children (under 18) who are in poverty.
- Divorce rate - rate of divorce cases per 1,000 population.
- Single-parent families - number of households run by a single parent (male householder with no wife present or female householder with no husband present) with one or more of their own children under 18 years as a percentage of the total number of households.

Physical Environment (10%)

This component includes measures of air quality, water quality, and the built environment

- Air quality cancer risk - Estimated lifetime cancer risk due to inhalation of air pollutants based on EPA modeling of emissions.
- Air quality hazard index - Estimated respiratory risk due to inhalation of air pollutants based on EPA modeling of emissions.
- Fine particle matter in air - Average data on PM2.5.
- Ozone level - Annual fourth-highest daily maximum 8-hour ozone concentration, expressed in parts per million.
- Nitrate level in water >2 - Presence of nitrates in drinking water (mg/L). Nitrate Levels in Water measures the presence of nitrates in the private and municipal water supply above the Preventative Action Level of 2 mg/L. The percentage reported here is the estimated percentage of the population that, at any point in the calendar year, was exposed to nitrate levels in the water above 2mg/L.
- Housing built before 1950 - percentage of housing units that were built before 1950. Residents of these units are more likely to be exposed to lead paint.
- Lead poisoned children - percentage of lead tests on children under age six that tested positive for lead poisoning.

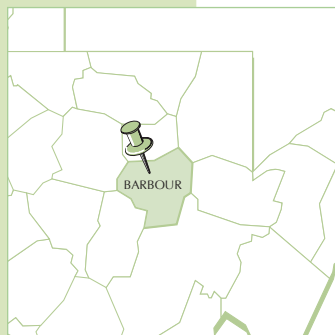
West Virginia County Health Rankings

Data Element	Description Year	Data	Source	Overall Weight	Subweights	Percent of Overall Score
Health Outcomes				50	50.00	
Mortality (YPLL)	Years of Potential Life Lost to age 75 (YPLL-75) per 100,000 population	1992-2001	West Virginia Vital Statistics		22.50	22.500
Low Birth Weight	% of children born weighting less than 2,500 grams	2004-2006	West Virginia Vital Statistics		22.50	22.500
General health status	% of people reporting fair or poor health in BRFSS	2002-2006	BRFSS		5.00	5.000
Health Determinants				50	50.00	
Health Care					10.00	
No health insurance	The percentage of population without health care coverage of any kind, including prepaid plans, HMOs, or government plans such as Medicare.	2002-2006	BRFSS		1.43	0.714
Medical doctors	Number of licensed, practicing medical doctors per 100,000 population by county of practice.	2008	WORKFORCE West Virginia		1.43	0.714
Dentists per capita	Number of licensed, practicing dentists per 100,000 population by county of practice.	2008	WORKFORCE West Virginia		1.43	0.714
Pneumococcal vaccinations	Percent of people who did not receive pneumoniavaccine	2002-2006	BRFSS		1.43	0.714
Influenza vaccinations	% of population who had not had a flu shot during the past 12 months	2002-2006	BRFSS		1.43	0.714
Diabetes	% ever been told by a doctor that they have diabetes	2002-2006	BRFSS		1.43	0.714
Mammography	% of women aged 40 and above who did not receive a mammogram within the past two years	2002,2004,2006	BRFSS		1.43	0.714
Health Behaviors					40.00	
Cigarette smoking	% of populations who are at-risk smokers (Smoke some days or everyday)	2002-2006	BRFSS		6	3.000
Smoking during pregnancy	% of births given by smoking mothers to total number of births	2006	West Virginia Vital Statistics		6	3.000
Physical inactivity	% of adult population who did not exercise during the past month of the survey	2002-2006	BRFSS		4	2.000
Overweight and obesity	% of adult population who are overweight or obese (body mass index greater than 25)	2002-2006	BRFSS		6	3.000
Low fruit and vegetable consumption	% of adult population who consume fewer than 5 servings of fruits and/or vegetables per day	2002,2003,2005	BRFSS		3	1.500
Binge drinking	% of the population that drinks more than four or five alcoholic beverages in one day, at least once per month	2002-2006	BRFSS		10	5.000
Teen birth rate	Births per 1000 Females 15-19	2004-2006	Kids Count		1	0.500

Data Element	Description Year	Data	Source Weight	Overall	Subweights	Percent of Overall Score
Health Behaviors Continued						
Sexually transmitted disease	Rate of reported cases of Sexually Transmitted Diseases per 100,000 population	2004-2007	WVDPH HIV/AIDS/STD Program		1	0.500
Violent crime	Violent Crime Rate per 1,000 population	2004	WVDCJS		1.50	0.750
Motor vehicle crash deaths	Number of Vehicle Crash Fatalities per 100,000 population 40.00	2006	West Virginia Vital Statistics		1.50	0.750
Socioeconomic Factors					40.00	
High school graduation rate	% of senior students at the beginning of school year who graduated a year after	2007-2008	WV Education Information System		6.67	3.333
Level of education	% of 18-64 year olds with high school diploma	2000	Census		6.67	3.333
Unemployment	% of workforce population who are not currently employed	2006	Bureau of Labor Statistics		6.67	3.333
Children in poverty	% of children (under 18) who are in poverty	2005	Kids Count		6.67	3.333
Divorce rate	Rate of divorce cases per 1,000 population	006	West Virginia Vital Statistics		6.67	3.333
Single-parent families		2000	Kids Count		6.67	3.333
Physical Environment					10.00	
Air quality cancer risk	Estimated lifetime cancer risk due to inhalation of air pollutants based on EPA modeling of emissions	1999	EPA		0.83	0.417
Air quality hazard index	Estimated respiratory risk due to inhalation of air pollutants based on EPA modeling of emissions	1999	EPA		0.83	0.417
Fine particle matter in air	Average data on PM2.5 was available for monitoring sites in counties	2005	WVDEP		0.83	0.417
Ozone level	Annual fourth-highest daily maximum 8-hour ozone concentration, expressed in parts per million	2005	WVDEP		0.83	0.417
Nitrate level in water	>2 Presence of nitrates in drinking water (mg/L)	2006-2009	WVOEHS		3.33	1.667
Housing built before 1950	% of housing units built before 1950	2000	CDC		1.67	0.833
Lead poisoned children	% of children (<72 months) confirmed elevated by blood lead level	2006	CDC		1.67	0.833
TOTAL				100		

Ranking	County	Health Outcomes (50%)	Mortality (22.5%)	Low Birth Weight (22.5%)	General Health Status (5%)	Health Determinants (50%)	Health Care (5%)	Health Behaviors (20%)	Socioeconomic Factors (20%)	Physical Enviro (5%)
1	Monongalia	Monongalia	Monongalia	Roane	Monongalia	Pendleton	Monongalia	Raleigh	Pendleton	Raleigh
2	Pendleton	Grant	Pendleton	Grant	Jefferson	Putnam	Ohio	Randolph	Putnam	Grant
3	Putnam	Jefferson	Putnam	Morgan	Ohio	Monongalia	Harrison	Taylor	Monongalia	Hardy
4	Grant	Pendleton	Brooke	Taylor	Berkeley	Ritchie	Pendleton	Pendleton	Jefferson	Lincoln
5	Jefferson	Hancock	Tyler	Jefferson	Wood	Mineral	Cabell	Mercer	Ritchie	Mingo
6	Tucker	Putnam	Hancock	Monroe	Harrison	Randolph	Grant	Putnam	Mineral	Hampshire
7	Hardy	Morgan	Pleasants	Lewis	Hancock	Hardy	Jackson	Greenbrier	Tucker	Clay
8	Morgan	Tucker	Marshall	Braxton	Brooke	Raleigh	Marion	Jackson	Monroe	Greenbrier
9	Hancock	Roane	Doddridge	Tucker	Kanawha	Jackson	Lewis	Hardy	Gilmer	Putnam
10	Monroe	Berkeley	Jackson	Berkeley	Cabell	Grant	Kanawha	Ritchie	Pleasants	Boone
11	Jackson	Taylor	Wood	Hampshire	Putnam	Monroe	Wood	Wirt	Hardy	Webster
12	Randolph	Monroe	Tucker	Hardy	Pleasants	Preston	Mineral	Tyler	Morgan	Logan
13	Roane	Wood	Jefferson	Webster	Tyler	Tucker	Berkeley	Barbour	Preston	Wirt
14	Taylor	Marshall	Grant	Monongalia	Wetzel	Doddridge	Wirt	Mineral	Brooke	Morgan
15	Wood	Hardy	Monroe	Hancock	Hampshire	Pleasants	Tucker	Wood	Doddridge	Wayne
16	Upshur	Jackson	Marion	Pendleton	Morgan	Harrison	Pocahontas	Summers	Jackson	Nicholas
17	Hampshire	Upshur	Upshur	Upshur	Marshall	Tyler	Brooke	Preston	Tyler	Calhoun
18	Marshall	Brooke	Randolph	Putnam	Marion	Hampshire	Hancock	Monroe	Hampshire	Gilmer
19	Berkeley	Braxton	Taylor	Greenbrier	Hardy	Mason	Ritchie	Lewis	Grant	Braxton
20	Ritchie	Hampshire	Hardy	Barbour	Pendleton	Greenbrier	Mason	Mason	Berkeley	Randolph
21	Mineral	Randolph	Berkeley	Harrison	Pocahontas	Jefferson	Putnam	Monongalia	Mason	Monongalia
22	Marion	Ohio	Wirt	Randolph	Upshur	Morgan	Hardy	Grant	Randolph	Roane
23	Harrison	Marion	Morgan	Jackson	Grant	Wirt	Randolph	Pleasants	Boone	Mineral
24	Doddridge	Harrison	Braxton	Wood	Mineral	Pocahontas	Marshall	Upshur	Ohio	Pocahontas
25	Greenbrier	Greenbrier	Ohio	Ritchie	Doddridge	Gilmer	Morgan	Harrison	Harrison	Doddridge
26	Preston	Doddridge	Mineral	Ohio	Lewis	Upshur	Doddridge	Cabell	Nicholas	Fayette
27	Brooke	Preston	Wayne	Marshall	Ritchie	Marion	Hampshire	Doddridge	Logan	Ritchie
28	Ohio	Lewis	Gilmer	Preston	Mason	Taylor	Preston	Pocahontas	Marshall	Monroe
29	Tyler	Barbour	Wetzel	Marion	Preston	Nicholas	Jefferson	Marion	Raleigh	Pendleton
30	Braxton	Tyler	Greenbrier	Calhoun	Tucker	Boone	McDowell	Wetzel	Hancock	Harrison
31	Barbour	Minerall	Preston	Boone	Randolph	Hancock	Greenbrier	Hampshire	Pocahontas	Upshur
32	Lewis	Wetzel	Roane	Clay	Barbour	Barbour	Fayette	Hancock	Upshur	Jackson
33	Gilmer	Ritchie	Hampshire	Gilmer	Calhoun	Lewis	Wetzel	Kanawha	Marion	McDowell
34	Raleigh	Gilmer	Nicholas	Raleigh	Clay	Wood	Raleigh	Roane	Barbour	Tyler
35	Wetzel	Webster	Harrison	Mineral	Gilmer	Roane	Wyoming	Tucker	Roane	Lewis
36	Kanawha	Kanawha	Mason	Kanawha	Roane	Ohio	Pleasants	Nicholas	Wood	Barbour
37	Webster	Clay	Kanawha	Wetzel	Taylor	Marshall	Upshur	Calhoun	Taylor	Brooke
38	Wirt	Calhoun	Barbour	Fayette	Jackson	Mercer	Mercer	Webster	Wir	Mason
39	Nicholas	Nicholas	Cabell	Brooke	Wirt	Summers	Summers	Wayne	Wetzel	Preston
40	Mason	Cabell	Clay	Nicholas	Wayne	Berkeley	Monroe	Boone	Clay	Kanawha
41	Pocahontas	Wirt	Ritchie	Lincoln	MerceR	Kanawha	Nicholas	Morgan	Braxton	Jefferson
42	Clay	Boone	Raleigh	Summers	Fayette	Brooke	Tyler	Marshall	Wyoming	Pleasants
43	Pleasants	Raleigh	Boone	Mingo	Greenbrier	Wetzel	Mingo	Clay	Greenbrier	Summers
44	Boone	Pocahontas	Calhoun	Pocahontas	Monroe	Webster	Braxton	Gilmer	Webster	Taylor
45	Cabell	Mason	Pocahontas	Doddridge	Summers	Cabell	Calhoun	Jefferson	Lincoln	Tucker
46	Calhoun	Pleasants	Wyoming	Wyoming	Braxton	Clay	Roane	Fayette	Fayette	Marion
47	Fayette	Fayette	Lewis	Cabell	Nicholas	Wayne	Gilmer	Ohio	Summers	Berkeley
48	Wayne	Lincoln	Webster	Mason	Webster	Fayette	Webster	Braxton	Wayne	Marshall
49	Lincoln	Wyoming	Mercer	Tyler	Raleigh	Braxton	Boone	Lincoln	Mingo	Cabell
50	Summers	Wayne	Fayette	Wirt	Boone	Calhoun	Logan	Berkeley	Lewis	Hancock
51	Wyoming	Summers	Lincoln	Logan	Lincoln	Lincoln	Wayne	Wyoming	Kanawha	Ohio
52	Mercer	Mercer	Mingo	Mercer	Logan	Logan	Clay	McDowell	Mercer	Wyoming
53	Mingo	Mingo	Summers	Wayne	Mingo	Wyoming	Lincoln	Mingo	Cabell	Wetzel
54	Logan	Logan	Logan	McDowell	Wyoming	Mingo	Taylor	Brooke	Calhoun	Mercer
55	McDowell	McDowell	McDowell	Pleasants	McDowell	McDowell	Barbour	Logan	McDowell	Wood

County	Overall Ranking	Quartile	Health Outcomes (50%)	Mortality (22.5%)	Low Birth Weight (22.5%)	General Health Status (5%)	Health Determinants (50%)	Health Care (5%)	Health Behaviors (20%)	Socioeconomic Factors (20%)	Physical Enviro (5%)
Monongalia	1	1	1	1	14	1	3	1	21	3	21
Pendleton	2	1	4	2	16	19	1	4	4	1	29
Putnam	3	1	6	3	18	11	2	21	6	2	9
Grant	4	1	2	14	2	23	10	6	22	19	2
Jefferson	5	1	3	13	5	2	21	29	45	4	41
Tucker	6	1	8	12	9	29	13	15	35	7	45
Hardy	7	1	15	20	12	19	7	22	9	11	3
Morgan	8	1	7	23	3	15	22	25	41	12	14
Hancock	9	1	5	6	15	7	31	18	32	30	50
Monroe	10	1	12	15	6	43	11	40	18	8	28
Jackson	11	1	16	10	23	38	9	7	8	16	32
Randolph	12	1	21	18	22	31	6	23	2	22	20
Roane	13	1	9	32	1	32	35	46	34	35	22
Taylor	14	1	11	19	4	32	28	54	3	37	44
Wood	15	2	13	11	24	5	34	11	15	36	55
Upshur	16	2	17	17	17	22	26	37	24	32	31
Hampshire	17	2	20	33	11	15	18	27	31	18	6
Marshall	18	2	54	54	51	52	52	50	55	27	12
Berkeley	19	2	10	21	10	4	40	13	50	20	47
Ritchie	20	2	33	41	25	25	4	19	10	5	27
Mineral	21	2	31	26	35	23	5	12	14	6	23
Marion	22	2	54	54	51	52	52	50	55	27	12
Harrison	23	2	24	35	21	6	16	3	25	25	30
Doddridge	24	2	26	9	45	25	14	26	27	15	25
Greenbrier	25	2	5	30	19	43	20	31	7	43	8
Preston	26	2	27	31	28	29	12	28	17	13	39
Brooke	27	2	18	4	39	8	42	17	54	14	37
Ohio	28	2	22	25	26	3	36	2	47	24	51
Tyler	29	3	30	5	49	12	17	42	12	17	34
Braxton	30	3	9	24	8	46	49	44	48	41	19
Barbour	31	3	29	38	20	32	32	55	13	34	36
Lewis	32	3	28	47	7	25	33	9	19	50	35
Gilmer	33	3	34	28	33	32	25	47	44	9	18
Raleigh	34	3	43	42	34	49	8	34	1	29	1
Wetzel	35	3	32	29	37	12	3	33	30	39	53
Kanawha	36	3	36	37	36	8	41	10	33	51	40
Webster	37	3	35	48	13	46	44	48	38	44	11
Wirt	38	3	41	22	50	38	23	4	11	38	13
Nicholas	39	3	39	34	40	46	29	41	3	26	16
Mason	40	3	54	54	51	52	52	50	55	27	12
Pocahontas	41	3	44	45	44	19	24	16	28	31	24
Clay	42	3	37	40	32	32	46	52	43	40	7
Pleasants	43	4	46	7	55	12	15	36	23	10	42
Boone	44	4	42	43	31	50	30	49	40	23	10
Cabell	45	4	40	39	47	10	45	5	26	53	49
Calhoun	46	4	38	44	30	32	50	45	37	54	17
Fayette	47	4	47	50	3	8	42	48	32	46	26
Wayne	48	4	50	27	53	40	47	51	39	48	15
Lincoln	49	4	48	51	41	50	51	53	49	45	4
Summers	50	4	51	53	42	43	39	39	16	47	43
Wyoming	51	4	49	46	46	54	53	35	51	42	52
Mercer	52	4	52	49	52	41	38	38	5	52	54
Mingo	53	4	53	52	43	53	54	43	53	49	5
Logan	54	4	54	54	51	52	52	50	55	27	12
McDowell	55	4	55	55	54	55	55	30	52	55	33



County Health Rankings

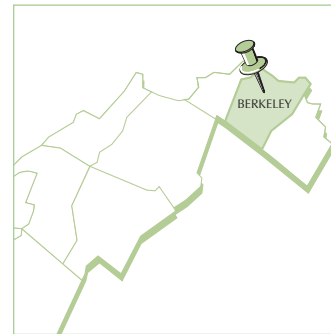
Barbour County

Overall Ranking

31

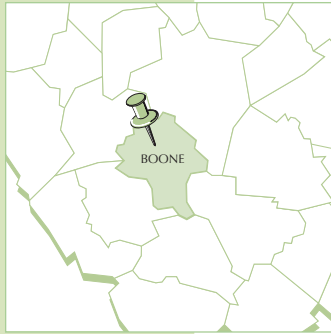
	West Virginia	County	Rank
Health Outcomes			29
Mortality (years of potential life lost per 100,000 population)	8709.3	9176.1	38
Low Birth Weight	9.5%	8.5%	20
General health status (% Fair or Poor Health)	23.9%	26.5%	32
Health Determinants			32
Health Care			55
No health insurance	21.8%	34.2%	54
Doctors per 100,000 population	231.6	76.9	35
Dentists per 100,000 population	46.7	19.2	44
Without pneumococcal vaccinations	64.7%	80.6%	54
Without influenza vaccinations for the last 12 months	66.6%	76.8%	54
Diabetes	10.7%	11.5%	43
No mammography within past 2-year Women Aged 40+	26.2%	22.2%	12
Health Behaviors			13
Cigarette smoking	27.0%	21.3%	5
Mothers smoking during pregnancy	27.2%	23.4%	13
Physical inactivity	27.0%	32.4%	51
Overweight and obesity	28.9%	34.2%	49
Low fruit and vegetable consumption (<5 fruit/veg a day)	20.0%	22.2%	16
Binge drinking	10.5%	7.7%	11
Teen birth rate (per 1,000 females aged 15-19)	44.3	37.0	15
Sexually transmitted disease (per 100,000 population)	143.2	115.2	27
Violent crime per (per 1,000 population)	5.0	5.6	42
Motor vehicle crash deaths (per 100,000 population)	23.2	25.3	31
Socioeconomic Factors			34
High school graduation rate	84.0%	80.0%	48
Population (age 25 & over) with a HS diploma	24.8%	27.3%	27
Unemployment Rate	4.6%	5.4%	38
Children (age 0-17) in poverty	25.5%	31.7%	42
Divorce rate (per 1,000 population)	5.1	4.1	6
Single-parent families	24.7%	22.6%	22
Physical Environment			36
Air quality cancer risk	0.000022	0.000012	19
Air quality hazard index	1.650	0.888	17
Fine particle matter in air	15.31	15.18	5
Ozone level *	0.079	0.080	30
Nitrate level in water >2 *	34.4%	0.0%	1
Housing built before 1950	28.9%	32.5%	41
Lead poisoned children	0.8%	3.9%	52

Berkeley County
Overall Ranking
19



	West Virginia	County	Rank
Health Outcomes			10
Mortality (years of potential life lost per 100,000 population)	8709.3	8430.1	21
Low Birth Weight	9.5%	7.7%	10
General health status (% Fair or Poor Health)	23.9%	17.5%	4
Health Determinants			40
Health Care			13
No health insurance	21.8%	17.5%	6
Doctors per 100,000 population	231.6	117.6	27
Dentists per 100,000 population	46.7	36.3	20
Without pneumococcal vaccinations	64.7%	67.7%	41
Without influenza vaccinations for the last 12 months	66.6%	64.0%	18
Diabetes	10.7%	8.1%	6
No mammography within past 2-year Women Aged 40+	26.2%	23.1%	14
Health Behaviors			50
Cigarette smoking	27.0%	30.7%	40
Mothers smoking during pregnancy	27.2%	20.5%	7
Physical inactivity	27.0%	29.2%	32
Overweight and obesity	28.9%	30.8%	36
Low fruit and vegetable consumption (<5 fruit/veg a day)	20.0%	16.6%	48
Binge drinking	10.5%	11.6%	44
Teen birth rate (per 1,000 females aged 15-19)	44.3	55.7	46
Sexually transmitted disease (per 100,000 population)	143.2	267.6	51
Violent crime per (per 1,000 population)	5.0	4.8	37
Motor vehicle crash deaths (per 100,000 population)	23.2	22.6	26
Socioeconomic Factors			20
High school graduation rate	84.0%	83.5%	32
Population (age 25 & over) with a HS diploma	24.8%	22.4%	40
Unemployment Rate	4.6%	3.9%	6
Children (age 0-17) in poverty	25.5%	15.3%	3
Divorce rate (per 1,000 population)	5.1	4.7	16
Single-parent families	24.7%	26.8%	50
Physical Environment			47
Air quality cancer risk	0.000022	0.000027	48
Air quality hazard index	1.650	1.930	47
Fine particle matter in air	15.31	15.84	42
Ozone level *	0.079	0.075	2
Nitrate level in water >2 *	34.4%	167.0%	52
Housing built before 1950	28.9%	18.5%	7
Lead poisoned children	0.8%	0.3%	24

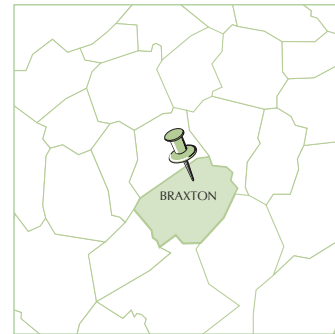
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Boone County
Overall Ranking
44

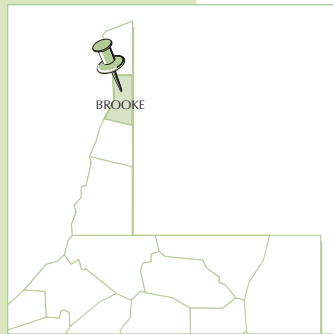
	West Virginia	County	Rank
Health Outcomes 42			
Mortality (years of potential life lost per 100,000 population)	8709.3	9704.8	43
Low Birth Weight	9.5%	9.6%	31
General health status (% Fair or Poor Health)	23.9%	33.7%	50
Health Determinants 30			
Health Care 49			
No health insurance	21.8%	25.8%	40
Doctors per 100,000 population	231.6	56.1	45
Dentists per 100,000 population	46.7	28.0	29
Without pneumococcal vaccinations	64.7%	71.4%	51
Without influenza vaccinations for the last 12 months	66.6%	66.2%	25
Diabetes	10.7%	13.3%	51
No mammography within past 2-year Women Aged 40+	26.2%	29.6%	36
Health Behaviors 40			
Cigarette smoking	27.0%	32.4%	42
Mothers smoking during pregnancy	27.2%	35.6%	43
Physical inactivity	27.0%	30.5%	37
Overweight and obesity	28.9%	34.6%	51
Low fruit and vegetable consumption (<5 fruit/veg a day)	20.0%	17.6%	40
Binge drinking	10.5%	9.4%	26
Teen birth rate (per 1,000 females aged 15-19)	44.3	65.1	52
Sexually transmitted disease (per 100,000 population)	143.2	179.0	42
Violent crime per (per 1,000 population)	5.0	4.0	28
Motor vehicle crash deaths (per 100,000 population)	23.2	35.3	41
Socioeconomic Factors 23			
High school graduation rate	84.0%	82.0%	40
Population (age 25 & over) with a HS diploma	24.8%	36.0%	8
Unemployment Rate	4.6%	4.4%	13
Children (age 0-17) in poverty	25.5%	27.9%	32
Divorce rate (per 1,000 population)	5.1	5.8	42
Single-parent families	24.7%	23.5%	32
Physical Environment 10			
Air quality cancer risk	0.000022	0.000013	25
Air quality hazard index	1.650	1.250	32
Fine particle matter in air	15.31	15.40	14
Ozone level *	0.079	0.078	14
Nitrate level in water >2 *	34.4%	0.0%	1
Housing built before 1950	28.9%	23.8%	17
Lead poisoned children	0.8%	0.0%	1

Braxton County
Overall Ranking
30



	West Virginia	County	Rank
Health Outcomes			19
Mortality (years of potential life lost per 100,000 population)	8709.3	8455.4	24
Low Birth Weight	9.5%	7.6%	8
General health status (% Fair or Poor Health)	23.9%	30.0%	46
Health Determinants			49
Health Care			44
No health insurance	21.8%	28.8%	45
Doctors per 100,000 population	231.6	74.8	36
Dentists per 100,000 population	46.7	27.2	30
Without pneumococcal vaccinations	64.7%	67.6%	38
Without influenza vaccinations for the last 12 months	66.6%	68.0%	36
Diabetes	10.7%	10.9%	35
No mammography within past 2-year Women Aged 40+	26.2%	32.3%	40
Health Behaviors			48
Cigarette smoking	27.0%	37.2%	51
Mothers smoking during pregnancy	27.2%	33.3%	40
Physical inactivity	27.0%	31.1%	43
Overweight and obesity	28.9%	30.8%	36
Low fruit and vegetable consumption (<5 fruit/veg a day)	20.0%	21.1%	21
Binge drinking	10.5%	8.8%	17
Teen birth rate (per 1,000 females aged 15-19)	44.3	42.8	28
Sexually transmitted disease (per 100,000 population)	143.2	117.7	29
Violent crime per (per 1,000 population)	5.0	3.1	21
Motor vehicle crash deaths (per 100,000 population)	23.2	47.3	53
Socioeconomic Factors			41
High school graduation rate	84.0%	78.0%	53
Population (age 25 & over) with a HS diploma	24.8%	32.7%	12
Unemployment Rate	4.6%	5.2%	33
Children (age 0-17) in poverty	25.5%	36.6%	49
Divorce rate (per 1,000 population)	5.1	5.1	25
Single-parent families	24.7%	23.0%	25
Physical Environment			19
Air quality cancer risk	0.000022	0.000010	7
Air quality hazard index	1.650	0.924	18
Fine particle matter in air	15.31	15.45	28
Ozone level *	0.079	0.082	40
Nitrate level in water >2 *	34.4%	0.0%	1
Housing built before 1950	28.9%	24.0%	18
Lead poisoned children	0.8%	1.0%	35

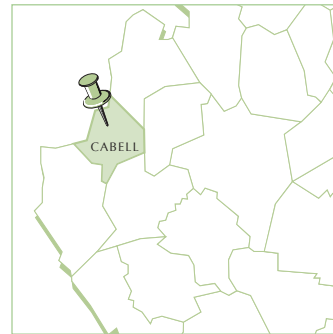
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Brooke County
Overall Ranking
27

	West Virginia	County	Rank
Health Outcomes			
Mortality (years of potential life lost per 100,000 population)	8709.3	7018.3	4
Low Birth Weight	9.5%	10.3%	39
General health status (% Fair or Poor Health)	23.9%	19.4%	8
Health Determinants			
Health Care			
No health insurance	21.8%	21.1%	22
Doctors per 100,000 population	231.6	170.1	15
Dentists per 100,000 population	46.7	25.5	33
Without pneumococcal vaccinations	64.7%	63.4%	28
Without influenza vaccinations for the last 12 months	66.6%	63.2%	17
Diabetes	10.7%	11.3%	41
No mammography within past 2-year Women Aged 40+	26.2%	15.6%	1
Health Behaviors			
Cigarette smoking	27.0%	30.2%	39
Mothers smoking during pregnancy	27.2%	22.9%	12
Physical inactivity	27.0%	27.8%	30
Overweight and obesity	28.9%	29.6%	27
Low fruit and vegetable consumption (<5 fruit/veg a day)	20.0%	16.7%	47
Binge drinking	10.5%	20.0%	55
Teen birth rate (per 1,000 females aged 15-19)	44.3	27.0	3
Sexually transmitted disease (per 100,000 population)	143.2	176.6	41
Violent crime per (per 1,000 population)	5.0	2.1	11
Motor vehicle crash deaths (per 100,000 population)	23.2	8.3	4
Socioeconomic Factors			
High school graduation rate	84.0%	93.7%	3
Population (age 25 & over) with a HS diploma	24.8%	20.3%	46
Unemployment Rate	4.6%	6.9%	51
Children (age 0-17) in poverty	25.5%	17.4%	6
Divorce rate (per 1,000 population)	5.1	4.4	12
Single-parent families	24.7%	21.9%	16
Physical Environment			
Air quality cancer risk	0.000022	0.000040	53
Air quality hazard index	1.650	1.670	44
Fine particle matter in air	15.31	16.21	54
Ozone level *	0.079	0.080	30
Nitrate level in water >2 *	34.4%	0.0%	1
Housing built before 1950	28.9%	36.1%	46
Lead poisoned children	0.8%	0.0%	1

Cabell County
Overall Ranking
45



	West Virginia	County	Rank
Health Outcomes			40
Mortality (years of potential life lost per 100,000 population)	8709.3	9237.7	39
Low Birth Weight	9.5%	11.0%	47
General health status (% Fair or Poor Health)	23.9%	20.1%	10
Health Determinants			45
Health Care			5
No health insurance	21.8%	22.1%	25
Doctors per 100,000 population	231.6	484.0	3
Dentists per 100,000 population	46.7	57.1	9
Without pneumococcal vaccinations	64.7%	63.2%	26
Without influenza vaccinations for the last 12 months	66.6%	66.6%	27
Diabetes	10.7%	9.6%	20
No mammography within past 2-year Women Aged 40+	26.2%	28.6%	34
Health Behaviors			26
Cigarette smoking	27.0%	23.0%	7
Mothers smoking during pregnancy	27.2%	24.9%	17
Physical inactivity	27.0%	20.4%	2
Overweight and obesity	28.9%	25.9%	9
Low fruit and vegetable consumption (<5 fruit/veg a day)	20.0%	20.7%	24
Binge drinking	10.5%	13.0%	47
Teen birth rate (per 1,000 females aged 15-19)	44.3	47.6	36
Sexually transmitted disease (per 100,000 population)	143.2	532.6	55
Violent crime per (per 1,000 population)	5.0	4.5	34
Motor vehicle crash deaths (per 100,000 population)	23.2	17.0	16
Socioeconomic Factors			53
High school graduation rate	84.0%	76.9%	54
Population (age 25 & over) with a HS diploma	24.8%	20.0%	48
Unemployment Rate	4.6%	4.3%	12
Children (age 0-17) in poverty	25.5%	26.2%	28
Divorce rate (per 1,000 population)	5.1	4.9	21
Single-parent families	24.7%	28.6%	53
Physical Environment			49
Air quality cancer risk	0.000022	0.000045	54
Air quality hazard index	1.650	3.300	54
Fine particle matter in air	15.31	16.59	55
Ozone level *	0.079	0.084	55
Nitrate level in water >2 *	34.4%	0.0%	1
Housing built before 1950	28.9%	33.5%	43
Lead poisoned children	0.8%	0.4%	25

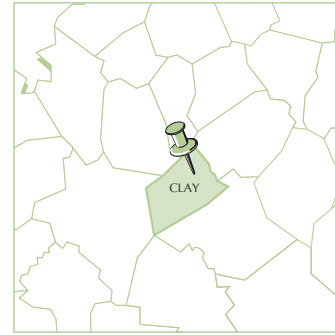
*-Regional Data



Calhoun County
Overall Ranking
46

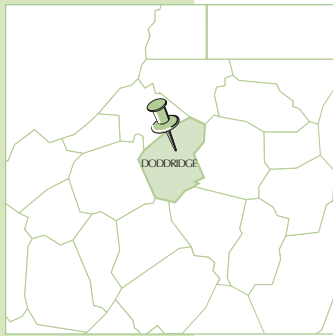
	West Virginia	County	Rank
Health Outcomes 38			
Mortality (years of potential life lost per 100,000 population)	8709.3	9731.5	44
Low Birth Weight	9.5%	9.4%	30
General health status (% Fair or Poor Health)	23.9%	26.5%	32
Health Determinants 50			
Health Care 45			
No health insurance	21.8%	32.6%	49
Doctors per 100,000 population	231.6	138.7	22
Dentists per 100,000 population	46.7	13.9	49
Without pneumococcal vaccinations	64.7%	69.5%	43
Without influenza vaccinations for the last 12 months	66.6%	65.5%	21
Diabetes	10.7%	8.4%	7
No mammography within past 2-year Women Aged 40+	26.2%	37.4%	46
Health Behaviors 37			
Cigarette smoking	27.0%	34.3%	46
Mothers smoking during pregnancy	27.2%	35.7%	45
Physical inactivity	27.0%	31.8%	47
Overweight and obesity	28.9%	26.5%	11
Low fruit and vegetable consumption (<5 fruit/veg a day)	20.0%	17.1%	42
Binge drinking	10.5%	9.8%	29
Teen birth rate (per 1,000 females aged 15-19)	44.3	43.3	30
Sexually transmitted disease (per 100,000 population)	143.2	79.6	14
Violent crime per (per 1,000 population)	5.0	0.9	1
Motor vehicle crash deaths (per 100,000 population)	23.2	67.7	55
Socioeconomic Factors 54			
High school graduation rate	84.0%	76.8%	55
Population (age 25 & over) with a HS diploma	24.8%	37.6%	4
Unemployment Rate	4.6%	6.8%	50
Children (age 0-17) in poverty	25.5%	34.0%	46
Divorce rate (per 1,000 population)	5.1	7.7	54
Single-parent families	24.7%	20.0%	5
Physical Environment 17			
Air quality cancer risk	0.000022	0.000010	5
Air quality hazard index	1.650	0.730	4
Fine particle matter in air	15.31	15.45	28
Ozone level *	0.079	0.082	40
Nitrate level in water >2 *	34.4%	0.0%	1
Housing built before 1950	28.9%	31.0%	38
Lead poisoned children	0.8%	0.0%	1

Clay County
Overall Ranking
42



	West Virginia	County	Rank
Health Outcomes			37
Mortality (years of potential life lost per 100,000 population)	8709.3	9320.4	40
Low Birth Weight	9.5%	9.8%	32
General health status (% Fair or Poor Health)	23.9%	26.5%	32
Health Determinants			46
Health Care			52
No health insurance	21.8%	32.6%	49
Doctors per 100,000 population	231.6	39.7	48
Dentists per 100,000 population	46.7	9.9	54
Without pneumococcal vaccinations	64.7%	69.5%	43
Without influenza vaccinations for the last 12 months	66.6%	65.5%	21
Diabetes	10.7%	8.4%	7
No mammography within past 2-year Women Aged 40+	26.2%	37.4%	46
Health Behaviors			43
Cigarette smoking	27.0%	34.3%	46
Mothers smoking during pregnancy	27.2%	36.0%	46
Physical inactivity	27.0%	31.8%	47
Overweight and obesity	28.9%	26.5%	11
Low fruit and vegetable consumption (<5 fruit/veg a day)	20.0%	17.1%	42
Binge drinking	10.5%	9.8%	29
Teen birth rate (per 1,000 females aged 15-19)	44.3	50.6	41
Sexually transmitted disease (per 100,000 population)	143.2	91.2	19
Violent crime per (per 1,000 population)	5.0	2.4	14
Motor vehicle crash deaths (per 100,000 population)	23.2	19.5	18
Socioeconomic Factors			40
High school graduation rate	84.0%	86.7%	19
Population (age 25 & over) with a HS diploma	24.8%	36.3%	7
Unemployment Rate	4.6%	6.4%	47
Children (age 0-17) in poverty	25.5%	37.4%	51
Divorce rate (per 1,000 population)	5.1	5.8	41
Single-parent families	24.7%	24.5%	39
Physical Environment			7
Air quality cancer risk	0.000022	0.000011	8
Air quality hazard index	1.650	1.010	24
Fine particle matter in air	15.31	15.45	28
Ozone level *	0.079	0.082	40
Nitrate level in water >2 *	34.4%	0.0%	1
Housing built before 1950	28.9%	17.8%	6
Lead poisoned children	0.8%	0.0%	1

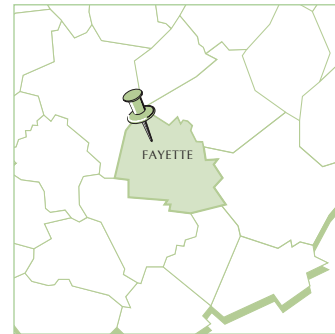
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Doddridge County
Overall Ranking
24

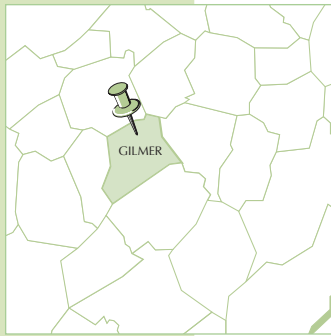
	West Virginia	County	Rank
Health Outcomes			26
Mortality (years of potential life lost per 100,000 population)	8709.3	7508.6	9
Low Birth Weight	9.5%	10.7%	45
General health status (% Fair or Poor Health)	23.9%	22.8%	25
Health Determinants			14
Health Care			26
No health insurance	21.8%	17.9%	7
Doctors per 100,000 population	231.6	27.8	53
Dentists per 100,000 population	46.7	0.0	55
Without pneumococcal vaccinations	64.7%	59.8%	11
Without influenza vaccinations for the last 12 months	66.6%	60.3%	11
Diabetes	10.7%	9.2%	14
No mammography within past 2-year Women Aged 40+	26.2%	25.6%	28
Health Behaviors			27
Cigarette smoking	27.0%	27.0%	28
Mothers smoking during pregnancy	27.2%	42.6%	53
Physical inactivity	27.0%	29.5%	33
Overweight and obesity	28.9%	30.0%	30
Low fruit and vegetable consumption (<5 fruit/veg a day)	20.0%	18.5%	36
Binge drinking	10.5%	7.5%	8
Teen birth rate (per 1,000 females aged 15-19)	44.3	44.9	32
Sexually transmitted disease (per 100,000 population)	143.2	144.7	35
Violent crime per (per 1,000 population)	5.0	3.6	27
Motor vehicle crash deaths (per 100,000 population)	23.2	13.4	11
Socioeconomic Factors			15
High school graduation rate	84.0%	90.1%	7
Population (age 25 & over) with a HS diploma	24.8%	30.6%	14
Unemployment Rate	4.6%	4.9%	26
Children (age 0-17) in poverty	25.5%	29.0%	38
Divorce rate (per 1,000 population)	5.1	5.5	32
Single-parent families	24.7%	22.4%	21
Physical Environment			25
Air quality cancer risk	0.000022	0.000011	15
Air quality hazard index	1.650	0.945	19
Fine particle matter in air	15.31	15.18	5
Ozone level *	0.079	0.080	30
Nitrate level in water >2 *	34.4%	16.0%	36
Housing built before 1950	28.9%	35.6%	45
Lead poisoned children	0.8%	0.0%	1

Fayette County
Overall Ranking
47



	West Virginia	County	Rank
Health Outcomes			47
Mortality (years of potential life lost per 100,000 population)	8709.3	10315.5	50
Low Birth Weight	9.5%	10.1%	38
General health status (% Fair or Poor Health)	23.9%	28.4%	42
Health Determinants			48
Health Care			32
No health insurance	21.8%	27.0%	42
Doctors per 100,000 population	231.6	146.7	20
Dentists per 100,000 population	46.7	36.7	18
Without pneumococcal vaccinations	64.7%	60.1%	15
Without influenza vaccinations for the last 12 months	66.6%	66.9%	30
Diabetes	10.7%	11.3%	42
No mammography within past 2-year Women Aged 40+	26.2%	26.9%	31
Health Behaviors			46
Cigarette smoking	27.0%	27.3%	32
Mothers smoking during pregnancy	27.2%	28.9%	28
Physical inactivity	27.0%	31.2%	46
Overweight and obesity	28.9%	33.5%	48
Low fruit and vegetable consumption (<5 fruit/veg a day)	20.0%	18.8%	33
Binge drinking	10.5%	11.9%	45
Teen birth rate (per 1,000 females aged 15-19)	44.3	54.2	44
Sexually transmitted disease (per 100,000 population)	143.2	224.8	46
Violent crime per (per 1,000 population)	5.0	2.3	13
Motor vehicle crash deaths (per 100,000 population)	23.2	38.6	45
Socioeconomic Factors			46
High school graduation rate	84.0%	82.3%	38
Population (age 25 & over) with a HS diploma	24.8%	31.4%	13
Unemployment Rate	4.6%	5.3%	36
Children (age 0-17) in poverty	25.5%	33.3%	45
Divorce rate (per 1,000 population)	5.1	4.9	19
Single-parent families	24.7%	27.8%	52
Physical Environment			26
Air quality cancer risk	0.000022	0.000014	28
Air quality hazard index	1.650	0.984	22
Fine particle matter in air	15.31	15.40	14
Ozone level *	0.079	0.078	14
Nitrate level in water >2 *	34.4%	1.0%	33
Housing built before 1950	28.9%	37.9%	48
Lead poisoned children	0.8%	0.6%	28

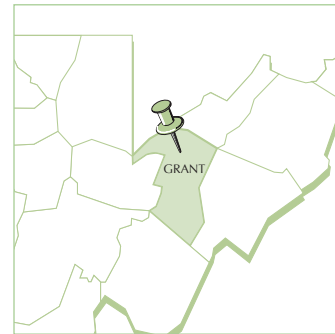
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Gilmer County
Overall Ranking
33

	West Virginia	County	Rank
Health Outcomes			34
Mortality (years of potential life lost per 100,000 population)	8709.3	8542.8	28
Low Birth Weight	9.5%	9.9%	33
General health status (% Fair or Poor Health)	23.9%	26.5%	32
Health Determinants			25
Health Care			47
No health insurance	21.8%	32.6%	49
Doctors per 100,000 population	231.6	29.1	52
Dentists per 100,000 population	46.7	29.1	28
Without pneumococcal vaccinations	64.7%	69.5%	43
Without influenza vaccinations for the last 12 months	66.6%	65.5%	21
Diabetes	10.7%	8.4%	7
No mammography within past 2-year Women Aged 40+	26.2%	37.4%	46
Health Behaviors			44
Cigarette smoking	27.0%	34.3%	46
Mothers smoking during pregnancy	27.2%	28.2%	27
Physical inactivity	27.0%	31.8%	47
Overweight and obesity	28.9%	26.5%	11
Low fruit and vegetable consumption (<5 fruit/veg a day)	20.0%	17.1%	42
Binge drinking	10.5%	9.8%	29
Teen birth rate (per 1,000 females aged 15-19)	44.3	30.1	5
Sexually transmitted disease (per 100,000 population)	143.2	227.2	47
Violent crime per (per 1,000 population)	5.0	1.9	8
Motor vehicle crash deaths (per 100,000 population)	23.2	57.4	54
Socioeconomic Factors			9
High school graduation rate	84.0%	88.6%	10
Population (age 25 & over) with a HS diploma	24.8%	30.0%	16
Unemployment Rate	4.6%	4.4%	13
Children (age 0-17) in poverty	25.5%	29.8%	40
Divorce rate (per 1,000 population)	5.1	4.3	10
Single-parent families	24.7%	23.0%	25
Physical Environment			18
Air quality cancer risk	0.000022	0.000011	10
Air quality hazard index	1.650	0.840	13
Fine particle matter in air	15.31	15.45	28
Ozone level *	0.079	0.082	40
Nitrate level in water >2 *	34.4%	0.0%	1
Housing built before 1950	28.9%	30.4%	36
Lead poisoned children	0.8%	0.0%	1

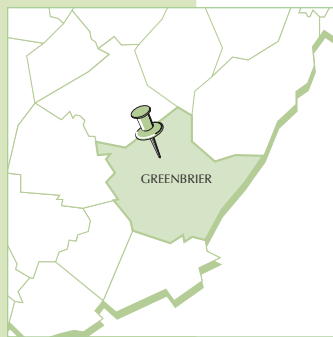
Grant County
Overall Ranking
4



	West Virginia	County	Rank
Health Outcomes			2
Mortality (years of potential life lost per 100,000 population)	8709.3	7849.2	14
Low Birth Weight	9.5%	6.1%	2
General health status (% Fair or Poor Health)	23.9%	22.5%	23
Health Determinants			10
Health Care			6
No health insurance	21.8%	17.9%	7
Doctors per 100,000 population	231.6	166.0	16
Dentists per 100,000 population	46.7	41.5	15
Without pneumococcal vaccinations	64.7%	67.4%	36
Without influenza vaccinations for the last 12 months	66.6%	60.1%	9
Diabetes	10.7%	8.9%	12
No mammography within past 2-year Women Aged 40+	26.2%	18.5%	5
Health Behaviors			22
Cigarette smoking	27.0%	24.9%	10
Mothers smoking during pregnancy	27.2%	33.6%	41
Physical inactivity	27.0%	23.9%	9
Overweight and obesity	28.9%	28.7%	25
Low fruit and vegetable consumption (<5 fruit/veg a day)	20.0%	22.0%	18
Binge drinking	10.5%	11.4%	42
Teen birth rate (per 1,000 females aged 15-19)	44.3	60.7	50
Sexually transmitted disease (per 100,000 population)	143.2	72.9	10
Violent crime per (per 1,000 population)	5.0	2.8	18
Motor vehicle crash deaths (per 100,000 population)	23.2	25.2	30
Socioeconomic Factors			19
High school graduation rate	84.0%	85.2%	26
Population (age 25 & over) with a HS diploma	24.8%	29.2%	19
Unemployment Rate	4.6%	5.6%	40
Children (age 0-17) in poverty	25.5%	23.2%	15
Divorce rate (per 1,000 population)	5.1	6.0	45
Single-parent families	24.7%	19.7%	4
Physical Environment			2
Air quality cancer risk	0.000022	0.000012	20
Air quality hazard index	1.650	0.737	6
Fine particle matter in air	15.31	15.84	42
Ozone level *	0.079	0.075	2
Nitrate level in water >2 *	34.4%	0.0%	1
Housing built before 1950	28.9%	17.1%	5
Lead poisoned children	0.8%	0.0%	1

*-Regional Data

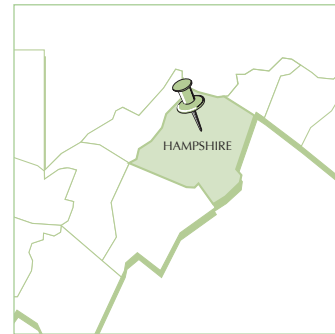
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Greenbrier County
Overall Ranking
25

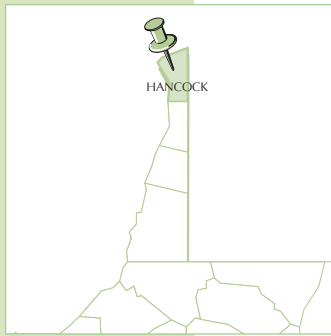
	West Virginia	County	Rank
Health Outcomes			25
Mortality (years of potential life lost per 100,000 population)	8709.3	8784.7	30
Low Birth Weight	9.5%	8.5%	19
General health status (% Fair or Poor Health)	23.9%	28.6%	43
Health Determinants			20
Health Care			31
No health insurance	21.8%	25.4%	36
Doctors per 100,000 population	231.6	265.4	6
Dentists per 100,000 population	46.7	36.7	18
Without pneumococcal vaccinations	64.7%	63.1%	23
Without influenza vaccinations for the last 12 months	66.6%	70.6%	47
Diabetes	10.7%	11.8%	46
No mammography within past 2-year Women Aged 40+	26.2%	24.6%	17
Health Behaviors			7
Cigarette smoking	27.0%	25.6%	17
Mothers smoking during pregnancy	27.2%	26.7%	23
Physical inactivity	27.0%	30.7%	40
Overweight and obesity	28.9%	27.8%	19
Low fruit and vegetable consumption (<5 fruit/veg a day)	20.0%	20.3%	25
Binge drinking	10.5%	8.3%	13
Teen birth rate (per 1,000 females aged 15-19)	44.3	41.0	22
Sexually transmitted disease (per 100,000 population)	143.2	149.1	37
Violent crime per (per 1,000 population)	5.0	2.5	15
Motor vehicle crash deaths (per 100,000 population)	23.2	23.0	27
Socioeconomic Factors			43
High school graduation rate	84.0%	82.3%	37
Population (age 25 & over) with a HS diploma	24.8%	26.6%	29
Unemployment Rate	4.6%	5.8%	43
Children (age 0-17) in poverty	25.5%	24.7%	21
Divorce rate (per 1,000 population)	5.1	5.9	44
Single-parent families	24.7%	23.9%	35
Physical Environment			8
Air quality cancer risk	0.000022	0.000011	13
Air quality hazard index	1.650	0.790	8
Fine particle matter in air	15.31	15.40	14
Ozone level *	0.079	0.071	1
Nitrate level in water >2 *	34.4%	13.0%	34
Housing built before 1950	28.9%	27.7%	28
Lead poisoned children	0.8%	0.9%	32

Hampshire County
Overall Ranking
17



	West Virginia	County	Rank
Health Outcomes			20
Mortality (years of potential life lost per 100,000 population)	8709.3	9051.8	33
Low Birth Weight	9.5%	7.7%	11
General health status (% Fair or Poor Health)	23.9%	21.4%	15
Health Determinants			18
Health Care			27
No health insurance	21.8%	21.2%	23
Doctors per 100,000 population	231.6	62.0	44
Dentists per 100,000 population	46.7	26.6	32
Without pneumococcal vaccinations	64.7%	65.2%	34
Without influenza vaccinations for the last 12 months	66.6%	58.7%	3
Diabetes	10.7%	9.9%	26
No mammography within past 2-year Women Aged 40+	26.2%	27.1%	32
Health Behaviors			31
Cigarette smoking	27.0%	24.8%	8
Mothers smoking during pregnancy	27.2%	23.4%	13
Physical inactivity	27.0%	24.6%	12
Overweight and obesity	28.9%	25.8%	6
Low fruit and vegetable consumption (<5 fruit/veg a day)	20.0%	27.9%	1
Binge drinking	10.5%	15.6%	52
Teen birth rate (per 1,000 females aged 15-19)	44.3	45.4	34
Sexually transmitted disease (per 100,000 population)	143.2	108.7	25
Violent crime per (per 1,000 population)	5.0	6.8	47
Motor vehicle crash deaths (per 100,000 population)	23.2	22.2	25
Socioeconomic Factors			18
High school graduation rate	84.0%	80.8%	46
Population (age 25 & over) with a HS diploma	24.8%	28.7%	21
Unemployment Rate	4.6%	3.7%	3
Children (age 0-17) in poverty	25.5%	25.5%	23
Divorce rate (per 1,000 population)	5.1	4.4	11
Single-parent families	24.7%	25.1%	43
Physical Environment			6
Air quality cancer risk	0.000022	0.000011	13
Air quality hazard index	1.650	0.946	20
Fine particle matter in air	15.31	15.84	42
Ozone level *	0.079	0.075	2
Nitrate level in water >2 *	34.4%	0.0%	1
Housing built before 1950	28.9%	16.9%	4
Lead poisoned children	0.8%	1.3%	39

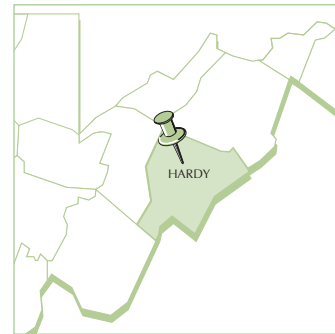
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Hancock County
Overall Ranking
9

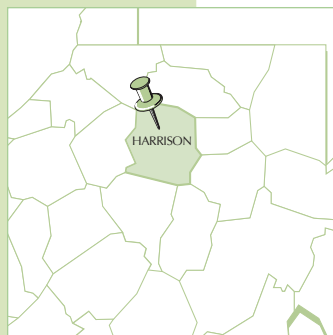
	West Virginia	County	Rank
Health Outcomes			
Mortality (years of potential life lost per 100,000 population)	8709.3	7206.5	6
Low Birth Weight	9.5%	8.0%	15
General health status (% Fair or Poor Health)	23.9%	18.9%	7
Health Determinants			
Health Care			
No health insurance	21.8%	13.1%	1
Doctors per 100,000 population	231.6	180.0	14
Dentists per 100,000 population	46.7	60.0	6
Without pneumococcal vaccinations	64.7%	71.7%	53
Without influenza vaccinations for the last 12 months	66.6%	75.1%	52
Diabetes	10.7%	9.7%	23
No mammography within past 2-year Women Aged 40+	26.2%	21.9%	11
Health Behaviors			
Cigarette smoking	27.0%	27.1%	31
Mothers smoking during pregnancy	27.2%	27.2%	24
Physical inactivity	27.0%	25.5%	18
Overweight and obesity	28.9%	27.7%	17
Low fruit and vegetable consumption (<5 fruit/veg a day)	20.0%	16.3%	49
Binge drinking	10.5%	14.8%	51
Teen birth rate (per 1,000 females aged 15-19)	44.3	41.6	23
Sexually transmitted disease (per 100,000 population)	143.2	51.2	4
Violent crime per (per 1,000 population)	5.0	1.4	4
Motor vehicle crash deaths (per 100,000 population)	23.2	9.7	5
Socioeconomic Factors			
High school graduation rate	84.0%	92.2%	4
Population (age 25 & over) with a HS diploma	24.8%	17.1%	52
Unemployment Rate	4.6%	7.1%	52
Children (age 0-17) in poverty	25.5%	17.2%	4
Divorce rate (per 1,000 population)	5.1	4.1	5
Single-parent families	24.7%	25.7%	46
Physical Environment			
Air quality cancer risk	0.000022	0.000069	55
Air quality hazard index	1.650	2.350	49
Fine particle matter in air	15.31	15.25	12
Ozone level *	0.079	0.077	13
Nitrate level in water >2 *	34.4%	75.5%	44
Housing built before 1950	28.9%	33.4%	42
Lead poisoned children	0.8%	1.4%	42

Hardy County
Overall Ranking
7



	West Virginia	County	Rank
Health Outcomes			15
Mortality (years of potential life lost per 100,000 population)	8709.3	8422.4	20
Low Birth Weight	9.5%	7.7%	12
General health status (% Fair or Poor Health)	23.9%	21.8%	19
Health Determinants			7
Health Care			22
No health insurance	21.8%	20.8%	18
Doctors per 100,000 population	231.6	29.4	50
Dentists per 100,000 population	46.7	36.8	17
Without pneumococcal vaccinations	64.7%	64.5%	29
Without influenza vaccinations for the last 12 months	66.6%	67.6%	33
Diabetes	10.7%	7.0%	2
No mammography within past 2-year Women Aged 40+	26.2%	25.5%	24
Health Behaviors			9
Cigarette smoking	27.0%	20.5%	2
Mothers smoking during pregnancy	27.2%	20.4%	6
Physical inactivity	27.0%	23.0%	4
Overweight and obesity	28.9%	30.2%	33
Low fruit and vegetable consumption (<5 fruit/veg a day)	20.0%	23.4%	9
Binge drinking	10.5%	10.8%	38
Teen birth rate (per 1,000 females aged 15-19)	44.3	37.4	16
Sexually transmitted disease (per 100,000 population)	143.2	134.3	33
Violent crime per (per 1,000 population)	5.0	5.8	44
Motor vehicle crash deaths (per 100,000 population)	23.2	29.8	39
Socioeconomic Factors			11
High school graduation rate	84.0%	82.0%	41
Population (age 25 & over) with a HS diploma	24.8%	29.7%	17
Unemployment Rate	4.6%	3.7%	3
Children (age 0-17) in poverty	25.5%	18.9%	10
Divorce rate (per 1,000 population)	5.1	5.7	40
Single-parent families	24.7%	21.6%	12
Physical Environment			3
Air quality cancer risk	0.000022	0.000011	17
Air quality hazard index	1.650	0.885	15
Fine particle matter in air	15.31	15.84	42
Ozone level *	0.079	0.075	2
Nitrate level in water >2 *	34.4%	0.0%	1
Housing built before 1950	28.9%	20.8%	12
Lead poisoned children	0.8%	0.0%	1

*-Regional Data



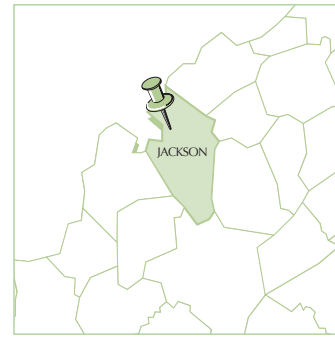
Harrison County

Overall Ranking

23

	West Virginia	County	Rank
Health Outcomes			24
Mortality (years of potential life lost per 100,000 population)	8709.3	9120.5	35
Low Birth Weight	9.5%	8.7%	21
General health status (% Fair or Poor Health)	23.9%	18.7%	6
Health Determinants			16
Health Care			3
No health insurance	21.8%	24.2%	33
Doctors per 100,000 population	231.6	249.8	8
Dentists per 100,000 population	46.7	59.5	7
Without pneumococcal vaccinations	64.7%	55.4%	4
Without influenza vaccinations for the last 12 months	66.6%	60.6%	14
Diabetes	10.7%	9.8%	24
No mammography within past 2-year Women Aged 40+	26.2%	23.5%	16
Health Behaviors			25
Cigarette smoking	27.0%	26.0%	22
Mothers smoking during pregnancy	27.2%	24.3%	16
Physical inactivity	27.0%	25.2%	14
Overweight and obesity	28.9%	27.0%	15
Low fruit and vegetable consumption (<5 fruit/veg a day)	20.0%	18.2%	39
Binge drinking	10.5%	9.4%	28
Teen birth rate (per 1,000 females aged 15-19)	44.3	48.9	39
Sexually transmitted disease (per 100,000 population)	143.2	186.7	44
Violent crime per (per 1,000 population)	5.0	5.4	40
Motor vehicle crash deaths (per 100,000 population)	23.2	14.5	13
Socioeconomic Factors			25
High school graduation rate	84.0%	84.8%	28
Population (age 25 & over) with a HS diploma	24.8%	21.6%	42
Unemployment Rate	4.6%	4.4%	13
Children (age 0-17) in poverty	25.5%	27.6%	31
Divorce rate (per 1,000 population)	5.1	4.0	4
Single-parent families	24.7%	24.9%	42
Physical Environment			30
Air quality cancer risk	0.000022	0.000021	41
Air quality hazard index	1.650	1.640	43
Fine particle matter in air	15.31	14.20	2
Ozone level *	0.079	0.080	30
Nitrate level in water >2 *	34.4%	0.0%	1
Housing built before 1950	28.9%	40.1%	51
Lead poisoned children	0.8%	0.9%	32

Jackson County
Overall Ranking
11



	West Virginia	County	Rank
Health Outcomes			16
Mortality (years of potential life lost per 100,000 population)	8709.3	7542.4	10
Low Birth Weight	9.5%	8.8%	23
General health status (% Fair or Poor Health)	23.9%	26.6%	38
Health Determinants			9
Health Care			7
No health insurance	21.8%	17.0%	3
Doctors per 100,000 population	231.6	92.3	29
Dentists per 100,000 population	46.7	35.5	21
Without pneumococcal vaccinations	64.7%	60.9%	18
Without influenza vaccinations for the last 12 months	66.6%	60.1%	7
Diabetes	10.7%	9.7%	21
No mammography within past 2-year Women Aged 40+	26.2%	18.3%	3
Health Behaviors			8
Cigarette smoking	27.0%	25.5%	15
Mothers smoking during pregnancy	27.2%	25.8%	20
Physical inactivity	27.0%	27.1%	26
Overweight and obesity	28.9%	29.6%	28
Low fruit and vegetable consumption (<5 fruit/veg a day)	20.0%	24.9%	7
Binge drinking	10.5%	8.9%	20
Teen birth rate (per 1,000 females aged 15-19)	44.3	43.2	29
Sexually transmitted disease (per 100,000 population)	143.2	72.9	11
Violent crime per (per 1,000 population)	5.0	3.4	24
Motor vehicle crash deaths (per 100,000 population)	23.2	21.1	21
Socioeconomic Factors			16
High school graduation rate	84.0%	87.2%	17
Population (age 25 & over) with a HS diploma	24.8%	22.6%	39
Unemployment Rate	4.6%	4.9%	26
Children (age 0-17) in poverty	25.5%	23.2%	15
Divorce rate (per 1,000 population)	5.1	5.5	33
Single-parent families	24.7%	20.4%	7
Physical Environment			32
Air quality cancer risk	0.000022	0.000014	32
Air quality hazard index	1.650	1.460	40
Fine particle matter in air	15.31	15.45	28
Ozone level *	0.079	0.082	40
Nitrate level in water >2 *	34.4%	93.5%	47
Housing built before 1950	28.9%	15.2%	2
Lead poisoned children	0.8%	0.0%	1

*-Regional Data



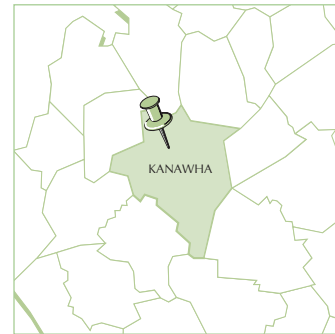
Jefferson County

Overall Ranking

5

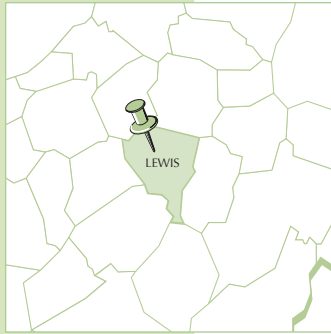
	West Virginia	County	Rank
Health Outcomes			3
Mortality (years of potential life lost per 100,000 population)	8709.3	7844.4	13
Low Birth Weight	9.5%	7.1%	5
General health status (% Fair or Poor Health)	23.9%	16.2%	2
Health Determinants			21
Health Care			29
No health insurance	21.8%	18.2%	12
Doctors per 100,000 population	231.6	73.6	38
Dentists per 100,000 population	46.7	25.2	34
Without pneumococcal vaccinations	64.7%	62.8%	22
Without influenza vaccinations for the last 12 months	66.6%	64.5%	19
Diabetes	10.7%	9.3%	17
No mammography within past 2-year Women Aged 40+	26.2%	32.0%	39
Health Behaviors			45
Cigarette smoking	27.0%	29.4%	34
Mothers smoking during pregnancy	27.2%	14.5%	1
Physical inactivity	27.0%	22.3%	3
Overweight and obesity	28.9%	28.4%	23
Low fruit and vegetable consumption (<5 fruit/veg a day)	20.0%	22.8%	13
Binge drinking	10.5%	13.0%	48
Teen birth rate (per 1,000 females aged 15-19)	44.3	33.1	10
Sexually transmitted disease (per 100,000 population)	143.2	274.1	52
Violent crime per (per 1,000 population)	5.0	2.2	12
Motor vehicle crash deaths (per 100,000 population)	23.2	11.9	8
Socioeconomic Factors			4
High school graduation rate	84.0%	85.0%	27
Population (age 25 & over) with a HS diploma	24.8%	21.0%	43
Unemployment Rate	4.6%	3.2%	1
Children (age 0-17) in poverty	25.5%	12.0%	1
Divorce rate (per 1,000 population)	5.1	4.3	9
Single-parent families	24.7%	23.0%	25
Physical Environment			41
Air quality cancer risk	0.000022	0.000022	42
Air quality hazard index	1.650	1.690	45
Fine particle matter in air	15.31	15.84	42
Ozone level *	0.079	0.075	2
Nitrate level in water >2 *	34.4%	124.0%	49
Housing built before 1950	28.9%	19.5%	10
Lead poisoned children	0.8%	0.6%	29

Kanawha County
Overall Ranking
36



	West Virginia	County	Rank
Health Outcomes			36
Mortality (years of potential life lost per 100,000 population)	8709.3	9141.4	37
Low Birth Weight	9.5%	10.0%	36
General health status (% Fair or Poor Health)	23.9%	19.4%	8
Health Determinants			41
Health Care			10
No health insurance	21.8%	17.3%	5
Doctors per 100,000 population	231.6	394.7	4
Dentists per 100,000 population	46.7	73.8	4
Without pneumococcal vaccinations	64.7%	70.6%	48
Without influenza vaccinations for the last 12 months	66.6%	69.2%	40
Diabetes	10.7%	10.5%	30
No mammography within past 2-year Women Aged 40+	26.2%	25.5%	23
Health Behaviors			33
Cigarette smoking	27.0%	24.9%	10
Mothers smoking during pregnancy	27.2%	26.6%	22
Physical inactivity	27.0%	25.8%	19
Overweight and obesity	28.9%	27.9%	22
Low fruit and vegetable consumption (<5 fruit/veg a day)	20.0%	22.8%	14
Binge drinking	10.5%	12.8%	46
Teen birth rate (per 1,000 females aged 15-19)	44.3	51.0	43
Sexually transmitted disease (per 100,000 population)	143.2	439.4	54
Violent crime per (per 1,000 population)	5.0	8.4	51
Motor vehicle crash deaths (per 100,000 population)	23.2	27.5	35
Socioeconomic Factors			51
High school graduation rate	84.0%	78.7%	52
Population (age 25 & over) with a HS diploma	24.8%	20.0%	49
Unemployment Rate	4.6%	4.1%	8
Children (age 0-17) in poverty	25.5%	23.2%	15
Divorce rate (per 1,000 population)	5.1	5.0	23
Single-parent families	24.7%	29.4%	54
Physical Environment			40
Air quality cancer risk	0.000022	0.000038	52
Air quality hazard index	1.650	3.525	55
Fine particle matter in air	15.31	15.99	53
Ozone level *	0.079	0.079	29
Nitrate level in water >2 *	34.4%	0.0%	1
Housing built before 1950	28.9%	30.1%	35
Lead poisoned children	0.8%	0.1%	22

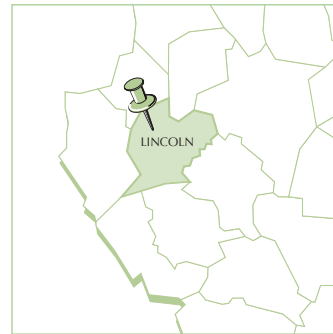
*-Regional Data



Lewis County
Overall Ranking
32

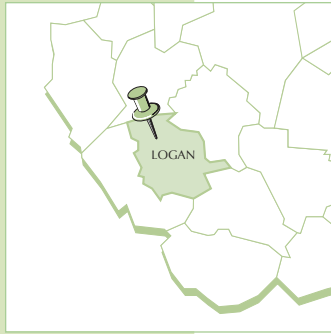
	West Virginia	County	Rank
Health Outcomes			28
Mortality (years of potential life lost per 100,000 population)	8709.3	10025.6	47
Low Birth Weight	9.5%	7.6%	7
General health status (% Fair or Poor Health)	23.9%	22.8%	25
Health Determinants			33
Health Care			9
No health insurance	21.8%	17.9%	7
Doctors per 100,000 population	231.6	208.3	12
Dentists per 100,000 population	46.7	23.1	37
Without pneumococcal vaccinations	64.7%	59.8%	11
Without influenza vaccinations for the last 12 months	66.6%	60.3%	11
Diabetes	10.7%	9.2%	14
No mammography within past 2-year Women Aged 40+	26.2%	25.6%	28
Health Behaviors			19
Cigarette smoking	27.0%	27.0%	28
Mothers smoking during pregnancy	27.2%	29.9%	29
Physical inactivity	27.0%	29.5%	33
Overweight and obesity	28.9%	30.0%	30
Low fruit and vegetable consumption (<5 fruit/veg a day)	20.0%	18.5%	36
Binge drinking	10.5%	7.5%	8
Teen birth rate (per 1,000 females aged 15-19)	44.3	38.3	19
Sexually transmitted disease (per 100,000 population)	143.2	102.4	23
Violent crime per (per 1,000 population)	5.0	3.5	26
Motor vehicle crash deaths (per 100,000 population)	23.2	29.2	37
Socioeconomic Factors			50
High school graduation rate	84.0%	80.0%	48
Population (age 25 & over) with a HS diploma	24.8%	26.3%	32
Unemployment Rate	4.6%	4.8%	24
Children (age 0-17) in poverty	25.5%	28.7%	36
Divorce rate (per 1,000 population)	5.1	6.1	46
Single-parent families	24.7%	25.2%	44
Physical Environment			35
Air quality cancer risk	0.000022	0.000015	33
Air quality hazard index	1.650	1.260	34
Fine particle matter in air	15.31	15.45	28
Ozone level *	0.079	0.082	40
Nitrate level in water >2 *	34.4%	0.0%	1
Housing built before 1950	28.9%	37.2%	47
Lead poisoned children	0.8%	1.5%	43

Lincoln County
Overall Ranking
49



	West Virginia	County	Rank
Health Outcomes			48
Mortality (years of potential life lost per 100,000 population)	8709.3	10523.7	51
Low Birth Weight	9.5%	10.5%	41
General health status (% Fair or Poor Health)	23.9%	33.7%	50
Health Determinants			51
Health Care			53
No health insurance	21.8%	25.8%	40
Doctors per 100,000 population	231.6	35.7	49
Dentists per 100,000 population	46.7	17.9	45
Without pneumococcal vaccinations	64.7%	71.4%	51
Without influenza vaccinations for the last 12 months	66.6%	66.2%	25
Diabetes	10.7%	13.3%	51
No mammography within past 2-year Women Aged 40+	26.2%	29.6%	36
Health Behaviors			49
Cigarette smoking	27.0%	32.4%	42
Mothers smoking during pregnancy	27.2%	43.3%	54
Physical inactivity	27.0%	30.5%	37
Overweight and obesity	28.9%	34.6%	51
Low fruit and vegetable consumption (<5 fruit/veg a day)	20.0%	17.6%	40
Binge drinking	10.5%	9.4%	26
Teen birth rate (per 1,000 females aged 15-19)	44.3	76.7	55
Sexually transmitted disease (per 100,000 population)	143.2	134.5	34
Violent crime per (per 1,000 population)	5.0	7.8	50
Motor vehicle crash deaths (per 100,000 population)	23.2	40.3	47
Socioeconomic Factors			45
High school graduation rate	84.0%	79.1%	51
Population (age 25 & over) with a HS diploma	24.8%	37.3%	5
Unemployment Rate	4.6%	5.7%	41
Children (age 0-17) in poverty	25.5%	36.6%	49
Divorce rate (per 1,000 population)	5.1	5.7	39
Single-parent families	24.7%	23.0%	25
Physical Environment			4
Air quality cancer risk	0.000022	0.000015	37
Air quality hazard index	1.650	1.280	35
Fine particle matter in air	15.31	15.40	14
Ozone level *	0.079	0.078	14
Nitrate level in water >2 *	34.4%	0.0%	1
Housing built before 1950	28.9%	16.4%	3
Lead poisoned children	0.8%	0.0%	1

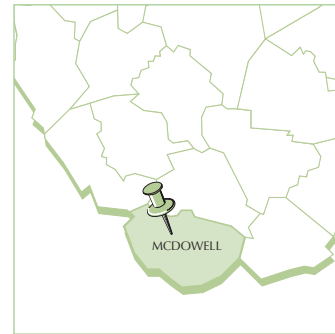
*-Regional Data



Logan County
Overall Ranking
54

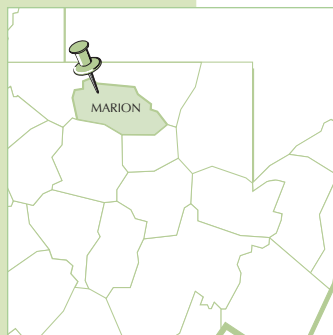
	West Virginia	County	Rank
Health Outcomes 54			
Mortality (years of potential life lost per 100,000 population)	8709.3	11926.1	54
Low Birth Weight	9.5%	11.9%	51
General health status (% Fair or Poor Health)	23.9%	35.6%	52
Health Determinants 52			
Health Care 50			
No health insurance	21.8%	27.8%	44
Doctors per 100,000 population	231.6	230.8	10
Dentists per 100,000 population	46.7	11.3	52
Without pneumococcal vaccinations	64.7%	64.8%	32
Without influenza vaccinations for the last 12 months	66.6%	65.5%	20
Diabetes	10.7%	14.1%	54
No mammography within past 2-year Women Aged 40+	26.2%	37.6%	50
Health Behaviors 55			
Cigarette smoking	27.0%	32.4%	42
Mothers smoking during pregnancy	27.2%	38.5%	50
Physical inactivity	27.0%	30.2%	36
Overweight and obesity	28.9%	45.1%	55
Low fruit and vegetable consumption (<5 fruit/veg a day)	20.0%	10.7%	55
Binge drinking	10.5%	10.3%	36
Teen birth rate (per 1,000 females aged 15-19)	44.3	59.0	48
Sexually transmitted disease (per 100,000 population)	143.2	183.9	43
Violent crime per (per 1,000 population)	5.0	9.9	54
Motor vehicle crash deaths (per 100,000 population)	23.2	41.4	48
Socioeconomic Factors 27			
High school graduation rate	84.0%	86.7%	19
Population (age 25 & over) with a HS diploma	24.8%	36.9%	6
Unemployment Rate	4.6%	4.5%	18
Children (age 0-17) in poverty	25.5%	35.5%	48
Divorce rate (per 1,000 population)	5.1	6.5	50
Single-parent families	24.7%	23.0%	25
Physical Environment 12			
Air quality cancer risk	0.000022	0.000012	22
Air quality hazard index	1.650	1.000	23
Fine particle matter in air	15.31	15.40	14
Ozone level *	0.079	0.078	14
Nitrate level in water >2 *	34.4%	0.0%	1
Housing built before 1950	28.9%	25.7%	23
Lead poisoned children	0.8%	0.5%	27

McDowell County
Overall Ranking
55



	West Virginia	County	Rank
Health Outcomes			55
Mortality (years of potential life lost per 100,000 population)	8709.3	14314.9	55
Low Birth Weight	9.5%	14.0%	54
General health status (% Fair or Poor Health)	23.9%	42.7%	55
Health Determinants			55
Health Care			30
No health insurance	21.8%	33.9%	53
Doctors per 100,000 population	231.6	123.3	23
Dentists per 100,000 population	46.7	13.2	50
Without pneumococcal vaccinations	64.7%	62.7%	20
Without influenza vaccinations for the last 12 months	66.6%	70.3%	45
Diabetes	10.7%	6.5%	1
No mammography within past 2-year Women Aged 40+	26.2%	18.2%	2
Health Behaviors			52
Cigarette smoking	27.0%	33.2%	45
Mothers smoking during pregnancy	27.2%	43.6%	55
Physical inactivity	27.0%	38.1%	54
Overweight and obesity	28.9%	27.7%	18
Low fruit and vegetable consumption (<5 fruit/veg a day)	20.0%	22.7%	15
Binge drinking	10.5%	10.5%	37
Teen birth rate (per 1,000 females aged 15-19)	44.3	73.5	54
Sexually transmitted disease (per 100,000 population)	143.2	213.2	45
Violent crime per (per 1,000 population)	5.0	4.5	34
Motor vehicle crash deaths (per 100,000 population)	23.2	37.7	44
Socioeconomic Factors			55
High school graduation rate	84.0%	87.8%	13
Population (age 25 & over) with a HS diploma	24.8%	20.5%	45
Unemployment Rate	4.6%	4.2%	9
Children (age 0-17) in poverty	25.5%	54.7%	55
Divorce rate (per 1,000 population)	5.1	7.0	52
Single-parent families	24.7%	31.5%	55
Physical Environment			33
Air quality cancer risk	0.000022	0.000012	21
Air quality hazard index	1.650	0.806	10
Fine particle matter in air	15.31	15.40	14
Ozone level *	0.079	0.078	14
Nitrate level in water >2 *	34.4%	0.0%	1
Housing built before 1950	28.9%	46.1%	54
Lead poisoned children	0.8%	0.9%	34

*-Regional Data



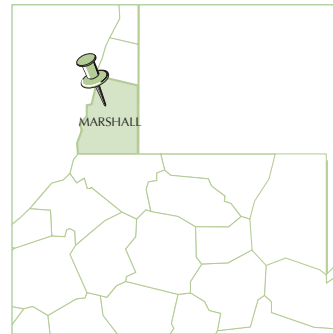
Marion County

Overall Ranking

22

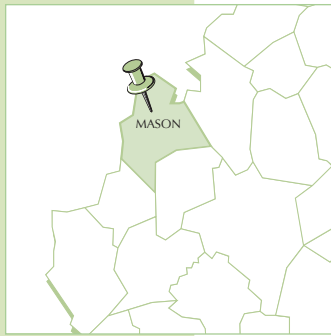
	West Virginia	County	Rank
Health Outcomes			23
Mortality (years of potential life lost per 100,000 population)	8709.3	8059.8	16
Low Birth Weight	9.5%	9.2%	29
General health status (% Fair or Poor Health)	23.9%	21.7%	18
Health Determinants			27
Health Care			8
No health insurance	21.8%	23.5%	32
Doctors per 100,000 population	231.6	212.4	11
Dentists per 100,000 population	46.7	42.5	13
Without pneumococcal vaccinations	64.7%	55.8%	6
Without influenza vaccinations for the last 12 months	66.6%	58.8%	5
Diabetes	10.7%	10.3%	28
No mammography within past 2-year Women Aged 40+	26.2%	25.1%	22
Health Behaviors			29
Cigarette smoking	27.0%	25.4%	14
Mothers smoking during pregnancy	27.2%	22.8%	11
Physical inactivity	27.0%	27.3%	28
Overweight and obesity	28.9%	25.3%	4
Low fruit and vegetable consumption (<5 fruit/veg a day)	20.0%	15.5%	51
Binge drinking	10.5%	14.6%	49
Teen birth rate (per 1,000 females aged 15-19)	44.3	34.4	12
Sexually transmitted disease (per 100,000 population)	143.2	130.4	31
Violent crime per (per 1,000 population)	5.0	5.7	43
Motor vehicle crash deaths (per 100,000 population)	23.2	12.3	10
Socioeconomic Factors			33
High school graduation rate	84.0%	86.4%	21
Population (age 25 & over) with a HS diploma	24.8%	20.3%	46
Unemployment Rate	4.6%	5.3%	36
Children (age 0-17) in poverty	25.5%	23.7%	18
Divorce rate (per 1,000 population)	5.1	4.9	22
Single-parent families	24.7%	24.5%	39
Physical Environment			46
Air quality cancer risk	0.000022	0.000024	45
Air quality hazard index	1.650	2.035	48
Fine particle matter in air	15.31	15.28	13
Ozone level *	0.079	0.080	30
Nitrate level in water >2 *	34.4%	0.0%	1
Housing built before 1950	28.9%	42.6%	53
Lead poisoned children	0.8%	2.9%	48

Marshall County
Overall Ranking
18



West Virginia	County	Rank	
Health Outcomes			14
Mortality (years of potential life lost per 100,000 population)	8709.3	7357.3	8
Low Birth Weight	9.5%	9.0%	27
General health status (% Fair or Poor Health)	23.9%	21.6%	17
Health Determinants			37
Health Care			24
No health insurance	21.8%	20.8%	18
Doctors per 100,000 population	231.6	140.4	21
Dentists per 100,000 population	46.7	33.6	24
Without pneumococcal vaccinations	64.7%	58.7%	10
Without influenza vaccinations for the last 12 months	66.6%	69.6%	44
Diabetes	10.7%	10.9%	38
No mammography within past 2-year Women Aged 40+	26.2%	21.7%	9
Health Behaviors			42
Cigarette smoking	27.0%	31.9%	41
Mothers smoking during pregnancy	27.2%	27.8%	26
Physical inactivity	27.0%	26.0%	20
Overweight and obesity	28.9%	36.1%	53
Low fruit and vegetable consumption (<5 fruit/veg a day)	20.0%	18.6%	35
Binge drinking	10.5%	9.3%	25
Teen birth rate (per 1,000 females aged 15-19)	44.3	35.6	14
Sexually transmitted disease (per 100,000 population)	143.2	73.1	12
Violent crime per (per 1,000 population)	5.0	3.0	20
Motor vehicle crash deaths (per 100,000 population)	23.2	20.7	20
Socioeconomic Factors			28
High school graduation rate	84.0%	87.7%	14
Population (age 25 & over) with a HS diploma	24.8%	27.6%	26
Unemployment Rate	4.6%	6.5%	48
Children (age 0-17) in poverty	25.5%	22.6%	14
Divorce rate (per 1,000 population)	5.1	4.7	15
Single-parent families	24.7%	24.5%	39
Physical Environment			48
Air quality cancer risk	0.000022	0.000027	46
Air quality hazard index	1.650	1.630	42
Fine particle matter in air	15.31	15.23	11
Ozone level *	0.079	0.080	30
Nitrate level in water >2 *	34.4%	25.5%	40
Housing built before 1950	28.9%	40.6%	52
Lead poisoned children	0.8%	3.0%	50

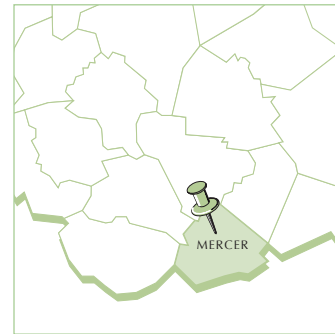
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Mason County
Overall Ranking
40

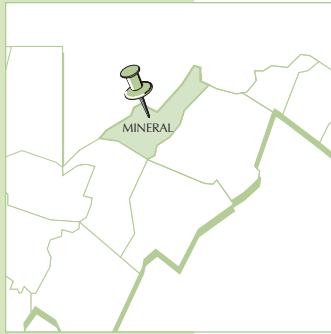
	West Virginia	County	Rank
Health Outcomes			45
Mortality (years of potential life lost per 100,000 population)	8709.3	9124	36
Low Birth Weight	9.5%	11.6%	48
General health status (% Fair or Poor Health)	23.9%	23.2%	28
Health Determinants			19
Health Care			20
No health insurance	21.8%	22.5%	27
Doctors per 100,000 population	231.6	148.0	19
Dentists per 100,000 population	46.7	23.4	36
Without pneumococcal vaccinations	64.7%	41.5%	1
Without influenza vaccinations for the last 12 months	66.6%	40.4%	1
Diabetes	10.7%	15.8%	55
No mammography within past 2-year Women Aged 40+	26.2%	35.6%	45
Health Behaviors			20
Cigarette smoking	27.0%	35.6%	50
Mothers smoking during pregnancy	27.2%	32.7%	38
Physical inactivity	27.0%	27.9%	31
Overweight and obesity	28.9%	31.0%	40
Low fruit and vegetable consumption (<5 fruit/veg a day)	20.0%	20.1%	29
Binge drinking	10.5%	1.9%	1
Teen birth rate (per 1,000 females aged 15-19)	44.3	55.2	45
Sexually transmitted disease (per 100,000 population)	143.2	241.0	49
Violent crime per (per 1,000 population)	5.0	8.5	52
Motor vehicle crash deaths (per 100,000 population)	23.2	34.9	40
Socioeconomic Factors			21
High school graduation rate	84.0%	82.6%	35
Population (age 25 & over) with a HS diploma	24.8%	50.0%	1
Unemployment Rate	4.6%	7.2%	53
Children (age 0-17) in poverty	25.5%	26.9%	29
Divorce rate (per 1,000 population)	5.1	4.9	20
Single-parent families	24.7%	23.4%	31
Physical Environment			38
Air quality cancer risk	0.000022	0.000015	34
Air quality hazard index	1.650	1.375	38
Fine particle matter in air	15.31	15.40	14
Ozone level *	0.079	0.078	14
Nitrate level in water >2 *	34.4%	126.0%	50
Housing built before 1950	28.9%	23.1%	15
Lead poisoned children	0.8%	0.0%	1

Mercer County
Overall Ranking
52



	West Virginia	County	Rank
Health Outcomes			52
Mortality (years of potential life lost per 100,000 population)	8709.3	10261.9	49
Low Birth Weight	9.5%	12.9%	52
General health status (% Fair or Poor Health)	23.9%	27.5%	41
Health Determinants			38
Health Care			38
No health insurance	21.8%	25.5%	39
Doctors per 100,000 population	231.6	300.8	5
Dentists per 100,000 population	46.7	40.7	16
Without pneumococcal vaccinations	64.7%	70.9%	50
Without influenza vaccinations for the last 12 months	66.6%	71.3%	50
Diabetes	10.7%	12.2%	50
No mammography within past 2-year Women Aged 40+	26.2%	31.0%	38
Health Behaviors			5
Cigarette smoking	27.0%	26.6%	24
Mothers smoking during pregnancy	27.2%	32.1%	36
Physical inactivity	27.0%	27.7%	29
Overweight and obesity	28.9%	22.9%	1
Low fruit and vegetable consumption (<5 fruit/veg a day)	20.0%	21.2%	20
Binge drinking	10.5%	6.6%	7
Teen birth rate (per 1,000 females aged 15-19)	44.3	59.8	49
Sexually transmitted disease (per 100,000 population)	143.2	251.9	50
Violent crime per (per 1,000 population)	5.0	10.4	55
Motor vehicle crash deaths (per 100,000 population)	23.2	21.2	23
Socioeconomic Factors			52
High school graduation rate	84.0%	82.4%	36
Population (age 25 & over) with a HS diploma	24.8%	27.9%	24
Unemployment Rate	4.6%	4.6%	20
Children (age 0-17) in poverty	25.5%	33.1%	44
Divorce rate (per 1,000 population)	5.1	6.7	51
Single-parent families	24.7%	26.0%	47
Physical Environment			54
Air quality cancer risk	0.000022	0.000019	39
Air quality hazard index	1.650	1.365	37
Fine particle matter in air	15.31	15.40	14
Ozone level *	0.079	0.078	14
Nitrate level in water >2 *	34.4%	280.5%	55
Housing built before 1950	28.9%	29.4%	34
Lead poisoned children	0.8%	1.3%	40

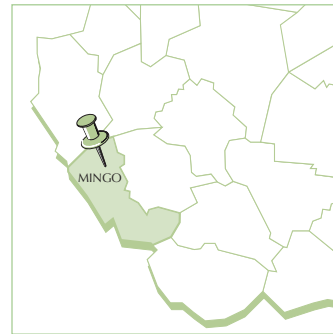
*-Regional Data



Mineral County
Overall Ranking
21

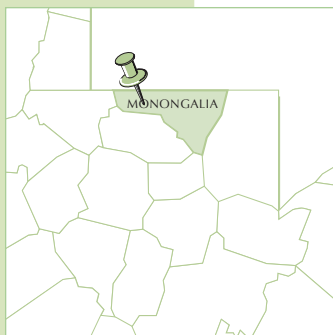
	West Virginia	County	Rank
Health Outcomes			31
Mortality (years of potential life lost per 100,000 population)	8709.3	8505.6	26
Low Birth Weight	9.5%	10.0%	35
General health status (% Fair or Poor Health)	23.9%	22.5%	23
Health Determinants			5
Health Care			12
No health insurance	21.8%	17.9%	7
Doctors per 100,000 population	231.6	78.4	34
Dentists per 100,000 population	46.7	33.6	23
Without pneumococcal vaccinations	64.7%	67.4%	36
Without influenza vaccinations for the last 12 months	66.6%	60.1%	9
Diabetes	10.7%	8.9%	12
No mammography within past 2-year Women Aged 40+	26.2%	18.5%	5
Health Behaviors			14
Cigarette smoking	27.0%	24.9%	10
Mothers smoking during pregnancy	27.2%	22.6%	10
Physical inactivity	27.0%	23.9%	9
Overweight and obesity	28.9%	28.7%	25
Low fruit and vegetable consumption (<5 fruit/veg a day)	20.0%	22.0%	18
Binge drinking	10.5%	11.4%	42
Teen birth rate (per 1,000 females aged 15-19)	44.3	32.3	9
Sexually transmitted disease (per 100,000 population)	143.2	108.1	24
Violent crime per (per 1,000 population)	5.0	5.8	44
Motor vehicle crash deaths (per 100,000 population)	23.2	14.9	14
Socioeconomic Factors			6
High school graduation rate	84.0%	91.5%	5
Population (age 25 & over) with a HS diploma	24.8%	19.7%	50
Unemployment Rate	4.6%	4.7%	22
Children (age 0-17) in poverty	25.5%	21.3%	11
Divorce rate (per 1,000 population)	5.1	3.4	3
Single-parent families	24.7%	23.1%	30
Physical Environment			23
Air quality cancer risk	0.000022	0.000014	30
Air quality hazard index	1.650	1.400	39
Fine particle matter in air	15.31	15.84	42
Ozone level *	0.079	0.075	2
Nitrate level in water >2 *	34.4%	17.5%	37
Housing built before 1950	28.9%	29.4%	33
Lead poisoned children	0.8%	0.5%	26

Mingo County
Overall Ranking
53



	West Virginia	County	Rank
Health Outcomes			53
Mortality (years of potential life lost per 100,000 population)	8709.3	11448.2	52
Low Birth Weight	9.5%	10.6%	43
General health status (% Fair or Poor Health)	23.9%	39.8%	53
Health Determinants			54
Health Care			43
No health insurance	21.8%	27.6%	43
Doctors per 100,000 population	231.6	121.4	26
Dentists per 100,000 population	46.7	15.2	47
Without pneumococcal vaccinations	64.7%	60.2%	16
Without influenza vaccinations for the last 12 months	66.6%	59.8%	6
Diabetes	10.7%	13.4%	53
No mammography within past 2-year Women Aged 40+	26.2%	37.6%	51
Health Behaviors			53
Cigarette smoking	27.0%	38.1%	54
Mothers smoking during pregnancy	27.2%	37.3%	47
Physical inactivity	27.0%	42.5%	55
Overweight and obesity	28.9%	36.7%	54
Low fruit and vegetable consumption (<5 fruit/veg a day)	20.0%	11.5%	54
Binge drinking	10.5%	6.2%	5
Teen birth rate (per 1,000 females aged 15-19)	44.3	66.1	53
Sexually transmitted disease (per 100,000 population)	143.2	172.9	40
Violent crime per (per 1,000 population)	5.0	6.8	47
Motor vehicle crash deaths (per 100,000 population)	23.2	44.3	49
Socioeconomic Factors			49
High school graduation rate	84.0%	82.8%	34
Population (age 25 & over) with a HS diploma	24.8%	40.4%	3
Unemployment Rate	4.6%	5.1%	30
Children (age 0-17) in poverty	25.5%	37.7%	52
Divorce rate (per 1,000 population)	5.1	7.9	55
Single-parent families	24.7%	23.5%	32
Physical Environment			5
Air quality cancer risk	0.000022	0.000011	16
Air quality hazard index	1.650	1.090	27
Fine particle matter in air	15.31	15.40	14
Ozone level *	0.079	0.078	14
Nitrate level in water >2 *	34.4%	0.0%	1
Housing built before 1950	28.9%	19.2%	9
Lead poisoned children	0.8%	0.0%	1

*-Regional Data



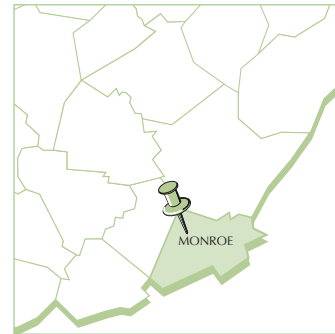
Monongalia County

Overall Ranking

1

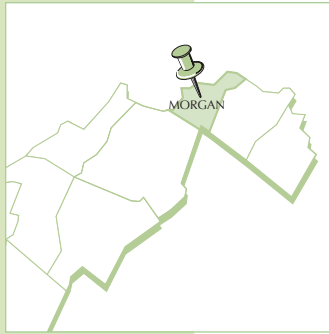
	West Virginia	County	Rank
Health Outcomes			1
Mortality (years of potential life lost per 100,000 population)	8709.3	6442.8	1
Low Birth Weight	9.5%	7.9%	14
General health status (% Fair or Poor Health)	23.9%	15.0%	1
Health Determinants			3
Health Care			1
No health insurance	21.8%	20.1%	14
Doctors per 100,000 population	231.6	614.4	1
Dentists per 100,000 population	46.7	119.0	1
Without pneumococcal vaccinations	64.7%	62.8%	21
Without influenza vaccinations for the last 12 months	66.6%	60.9%	15
Diabetes	10.7%	7.8%	5
No mammography within past 2-year Women Aged 40+	26.2%	21.9%	10
Health Behaviors			21
Cigarette smoking	27.0%	19.5%	1
Mothers smoking during pregnancy	27.2%	17.4%	2
Physical inactivity	27.0%	15.9%	1
Overweight and obesity	28.9%	25.6%	5
Low fruit and vegetable consumption (<5 fruit/veg a day)	20.0%	20.3%	28
Binge drinking	10.5%	16.3%	54
Teen birth rate (per 1,000 females aged 15-19)	44.3	15.4	2
Sexually transmitted disease (per 100,000 population)	143.2	274.1	53
Violent crime per (per 1,000 population)	5.0	4.2	29
Motor vehicle crash deaths (per 100,000 population)	23.2	8.3	3
Socioeconomic Factors			3
High school graduation rate	84.0%	84.8%	28
Population (age 25 & over) with a HS diploma	24.8%	16.4%	54
Unemployment Rate	4.6%	3.2%	1
Children (age 0-17) in poverty	25.5%	18.3%	8
Divorce rate (per 1,000 population)	5.1	2.8	1
Single-parent families	24.7%	21.8%	15
Physical Environment			21
Air quality cancer risk	0.000022	0.000028	49
Air quality hazard index	1.650	2.370	50
Fine particle matter in air	15.31	14.45	3
Ozone level *	0.079	0.078	14
Nitrate level in water >2 *	34.4%	0.0%	1
Housing built before 1950	28.9%	25.2%	20
Lead poisoned children	0.8%	0.9%	31

Monroe County
Overall Ranking
10



	West Virginia	County	Rank
Health Outcomes			12
Mortality (years of potential life lost per 100,000 population)	8709.3	7906.8	15
Low Birth Weight	9.5%	7.6%	6
General health status (% Fair or Poor Health)	23.9%	28.6%	43
Health Determinants			11
Health Care			40
No health insurance	21.8%	25.4%	36
Doctors per 100,000 population	231.6	65.5	43
Dentists per 100,000 population	46.7	14.6	48
Without pneumococcal vaccinations	64.7%	63.1%	23
Without influenza vaccinations for the last 12 months	66.6%	70.6%	47
Diabetes	10.7%	11.8%	46
No mammography within past 2-year Women Aged 40+	26.2%	24.6%	17
Health Behaviors			18
Cigarette smoking	27.0%	25.6%	17
Mothers smoking during pregnancy	27.2%	21.9%	8
Physical inactivity	27.0%	30.7%	40
Overweight and obesity	28.9%	27.8%	19
Low fruit and vegetable consumption (<5 fruit/veg a day)	20.0%	20.3%	25
Binge drinking	10.5%	8.3%	13
Teen birth rate (per 1,000 females aged 15-19)	44.3	30.8	7
Sexually transmitted disease (per 100,000 population)	143.2	85.3	17
Violent crime per (per 1,000 population)	5.0	1.8	7
Motor vehicle crash deaths (per 100,000 population)	23.2	22.2	24
Socioeconomic Factors			8
High school graduation rate	84.0%	85.9%	23
Population (age 25 & over) with a HS diploma	24.8%	26.3%	31
Unemployment Rate	4.6%	5.1%	30
Children (age 0-17) in poverty	25.5%	22.2%	13
Divorce rate (per 1,000 population)	5.1	5.1	27
Single-parent families	24.7%	18.2%	2
Physical Environment			28
Air quality cancer risk	0.000022	0.000010	6
Air quality hazard index	1.650	0.734	5
Fine particle matter in air	15.31	15.40	14
Ozone level *	0.079	0.078	14
Nitrate level in water >2 *	34.4%	76.5%	45
Housing built before 1950	28.9%	25.6%	21
Lead poisoned children	0.8%	0.0%	1

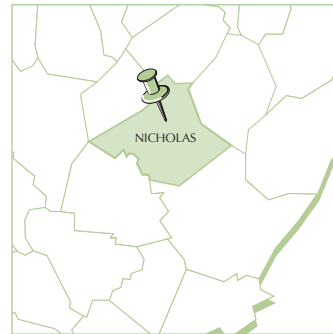
*-Regional Data



Morgan County
Overall Ranking
8

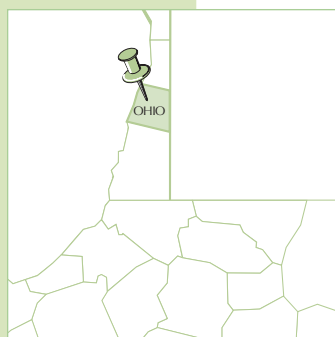
	West Virginia	County	Rank
Health Outcomes			7
Mortality (years of potential life lost per 100,000 population)	8709.3	8441.8	23
Low Birth Weight	9.5%	6.7%	3
General health status (% Fair or Poor Health)	23.9%	21.4%	15
Health Determinants			22
Health Care			25
No health insurance	21.8%	21.2%	23
Doctors per 100,000 population	231.6	85.8	31
Dentists per 100,000 population	46.7	30.6	26
Without pneumococcal vaccinations	64.7%	65.2%	34
Without influenza vaccinations for the last 12 months	66.6%	58.7%	3
Diabetes	10.7%	9.9%	26
No mammography within past 2-year Women Aged 40+	26.2%	27.1%	32
Health Behaviors			41
Cigarette smoking	27.0%	24.8%	8
Mothers smoking during pregnancy	27.2%	25.6%	18
Physical inactivity	27.0%	24.6%	12
Overweight and obesity	28.9%	25.8%	6
Low fruit and vegetable consumption (<5 fruit/veg a day)	20.0%	27.9%	1
Binge drinking	10.5%	15.6%	52
Teen birth rate (per 1,000 females aged 15-19)	44.3	37.7	17
Sexually transmitted disease (per 100,000 population)	143.2	133.1	32
Violent crime per (per 1,000 population)	5.0	2.5	15
Motor vehicle crash deaths (per 100,000 population)	23.2	36.7	42
Socioeconomic Factors			12
High school graduation rate	84.0%	85.3%	25
Population (age 25 & over) with a HS diploma	24.8%	24.2%	38
Unemployment Rate	4.6%	4.4%	13
Children (age 0-17) in poverty	25.5%	17.3%	5
Divorce rate (per 1,000 population)	5.1	4.8	18
Single-parent families	24.7%	23.7%	34
Physical Environment			14
Air quality cancer risk	0.000022	0.000015	36
Air quality hazard index	1.650	1.250	32
Fine particle matter in air	15.31	15.84	42
Ozone level *	0.079	0.075	2
Nitrate level in water >2 *	34.4%	14.5%	35
Housing built before 1950	28.9%	19.1%	8
Lead poisoned children	0.8%	1.0%	36

Nicholas County
Overall Ranking
39



	West Virginia	County	Rank
Health Outcomes			39
Mortality (years of potential life lost per 100,000 population)	8709.3	9109.4	34
Low Birth Weight	9.5%	10.3%	40
General health status (% Fair or Poor Health)	23.9%	30.0%	46
Health Determinants			29
Health Care			41
No health insurance	21.8%	28.8%	45
Doctors per 100,000 population	231.6	149.2	18
Dentists per 100,000 population	46.7	26.8	31
Without pneumococcal vaccinations	64.7%	67.6%	38
Without influenza vaccinations for the last 12 months	66.6%	68.0%	36
Diabetes	10.7%	10.9%	35
No mammography within past 2-year Women Aged 40+	26.2%	32.3%	40
Health Behaviors			36
Cigarette smoking	27.0%	37.2%	51
Mothers smoking during pregnancy	27.2%	31.4%	32
Physical inactivity	27.0%	31.1%	43
Overweight and obesity	28.9%	30.8%	36
Low fruit and vegetable consumption (<5 fruit/veg a day)	20.0%	21.1%	21
Binge drinking	10.5%	8.8%	17
Teen birth rate (per 1,000 females aged 15-19)	44.3	41.7	24
Sexually transmitted disease (per 100,000 population)	143.2	86.2	18
Violent crime per (per 1,000 population)	5.0	4.3	32
Motor vehicle crash deaths (per 100,000 population)	23.2	45.4	51
Socioeconomic Factors			26
High school graduation rate	84.0%	83.4%	33
Population (age 25 & over) with a HS diploma	24.8%	30.0%	15
Unemployment Rate	4.6%	5.0%	29
Children (age 0-17) in poverty	25.5%	28.1%	34
Divorce rate (per 1,000 population)	5.1	5.6	38
Single-parent families	24.7%	21.6%	12
Physical Environment			16
Air quality cancer risk	0.000022	0.000011	8
Air quality hazard index	1.650	0.839	12
Fine particle matter in air	15.31	15.45	28
Ozone level *	0.079	0.082	40
Nitrate level in water >2 *	34.4%	0.0%	1
Housing built before 1950	28.9%	20.2%	11
Lead poisoned children	0.8%	1.2%	37

*-Regional Data



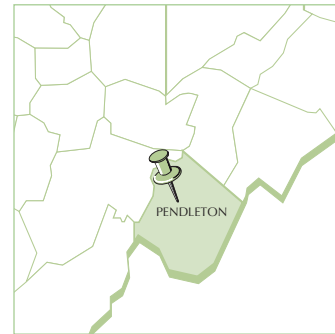
Ohio County

Overall Ranking

28

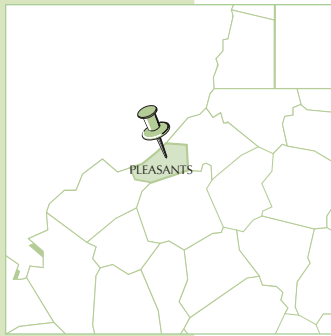
	West Virginia	County	Rank
Health Outcomes			22
Mortality (years of potential life lost per 100,000 population)	8709.3	8456	25
Low Birth Weight	9.5%	8.9%	26
General health status (% Fair or Poor Health)	23.9%	17.2%	3
Health Determinants			36
Health Care			2
No health insurance	21.8%	19.5%	13
Doctors per 100,000 population	231.6	589.5	2
Dentists per 100,000 population	46.7	88.4	3
Without pneumococcal vaccinations	64.7%	64.8%	32
Without influenza vaccinations for the last 12 months	66.6%	73.8%	51
Diabetes	10.7%	11.2%	40
No mammography within past 2-year Women Aged 40+	26.2%	19.8%	8
Health Behaviors			47
Cigarette smoking	27.0%	29.7%	35
Mothers smoking during pregnancy	27.2%	25.6%	18
Physical inactivity	27.0%	23.7%	8
Overweight and obesity	28.9%	25.8%	8
Low fruit and vegetable consumption (<5 fruit/veg a day)	20.0%	15.5%	50
Binge drinking	10.5%	14.7%	50
Teen birth rate (per 1,000 females aged 15-19)	44.3	34.0	11
Sexually transmitted disease (per 100,000 population)	143.2	146.7	36
Violent crime per (per 1,000 population)	5.0	1.2	3
Motor vehicle crash deaths (per 100,000 population)	23.2	6.7	2
Socioeconomic Factors			24
High school graduation rate	84.0%	84.0%	31
Population (age 25 & over) with a HS diploma	24.8%	17.0%	53
Unemployment Rate	4.6%	4.5%	18
Children (age 0-17) in poverty	25.5%	21.5%	12
Divorce rate (per 1,000 population)	5.1	2.9	2
Single-parent families	24.7%	27.3%	51
Physical Environment			51
Air quality cancer risk	0.000022	0.000037	51
Air quality hazard index	1.650	2.415	51
Fine particle matter in air	15.31	14.58	4
Ozone level *	0.079	0.082	40
Nitrate level in water >2 *	34.4%	0.0%	1
Housing built before 1950	28.9%	52.5%	55
Lead poisoned children	0.8%	2.2%	46

Pendleton County
Overall Ranking
2



	West Virginia	County	Rank
Health Outcomes			4
Mortality (years of potential life lost per 100,000 population)	8709.3	6925	2
Low Birth Weight	9.5%	8.1%	16
General health status (% Fair or Poor Health)	23.9%	21.8%	19
Health Determinants			1
Health Care			4
No health insurance	21.8%	20.8%	18
Doctors per 100,000 population	231.6	65.9	42
Dentists per 100,000 population	46.7	92.3	2
Without pneumococcal vaccinations	64.7%	64.5%	29
Without influenza vaccinations for the last 12 months	66.6%	67.6%	33
Diabetes	10.7%	7.0%	2
No mammography within past 2-year Women Aged 40+	26.2%	25.5%	24
Health Behaviors			4
Cigarette smoking	27.0%	20.5%	2
Mothers smoking during pregnancy	27.2%	18.9%	3
Physical inactivity	27.0%	23.0%	4
Overweight and obesity	28.9%	30.2%	33
Low fruit and vegetable consumption (<5 fruit/veg a day)	20.0%	23.4%	9
Binge drinking	10.5%	10.8%	38
Teen birth rate (per 1,000 females aged 15-19)	44.3	14.7	1
Sexually transmitted disease (per 100,000 population)	143.2	39.1	3
Violent crime per (per 1,000 population)	5.0	1.6	6
Motor vehicle crash deaths (per 100,000 population)	23.2	26.0	32
Socioeconomic Factors			1
High school graduation rate	84.0%	88.5%	11
Population (age 25 & over) with a HS diploma	24.8%	28.0%	22
Unemployment Rate	4.6%	4.0%	7
Children (age 0-17) in poverty	25.5%	17.5%	7
Divorce rate (per 1,000 population)	5.1	4.2	7
Single-parent families	24.7%	20.1%	6
Physical Environment			29
Air quality cancer risk	0.000022	0.000010	4
Air quality hazard index	1.650	0.799	9
Fine particle matter in air	15.31	15.84	42
Ozone level *	0.079	0.075	2
Nitrate level in water >2 *	34.4%	38.0%	42
Housing built before 1950	28.9%	28.9%	31
Lead poisoned children	0.8%	1.3%	38

*-Regional Data



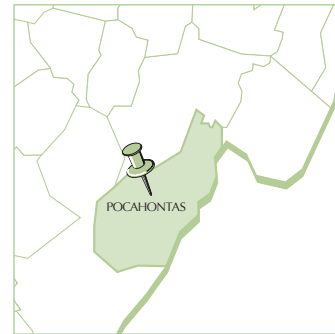
Pleasants County

Overall Ranking

43

	West Virginia	County	Rank
Health Outcomes			46
Mortality (years of potential life lost per 100,000 population)	8709.3	7272	7
Low Birth Weight	9.5%	14.7%	55
General health status (% Fair or Poor Health)	23.9%	20.6%	12
Health Determinants			15
Health Care			36
No health insurance	21.8%	22.5%	27
Doctors per 100,000 population	231.6	55.9	46
Dentists per 100,000 population	46.7	55.9	10
Without pneumococcal vaccinations	64.7%	56.9%	7
Without influenza vaccinations for the last 12 months	66.6%	69.4%	41
Diabetes	10.7%	10.8%	32
No mammography within past 2-year Women Aged 40+	26.2%	41.8%	52
Health Behaviors			23
Cigarette smoking	27.0%	30.1%	36
Mothers smoking during pregnancy	27.2%	22.2%	9
Physical inactivity	27.0%	25.4%	15
Overweight and obesity	28.9%	31.8%	43
Low fruit and vegetable consumption (<5 fruit/veg a day)	20.0%	26.1%	3
Binge drinking	10.5%	9.8%	33
Teen birth rate (per 1,000 females aged 15-19)	44.3	31.8	8
Sexually transmitted disease (per 100,000 population)	143.2	68.7	6
Violent crime per (per 1,000 population)	5.0	3.2	23
Motor vehicle crash deaths (per 100,000 population)	23.2	27.5	34
Socioeconomic Factors			10
High school graduation rate	84.0%	90.9%	6
Population (age 25 & over) with a HS diploma	24.8%	20.6%	44
Unemployment Rate	4.6%	5.2%	33
Children (age 0-17) in poverty	25.5%	18.4%	9
Divorce rate (per 1,000 population)	5.1	5.4	30
Single-parent families	24.7%	20.4%	7
Physical Environment			42
Air quality cancer risk	0.000022	0.000015	34
Air quality hazard index	1.650	1.145	30
Fine particle matter in air	15.31	15.45	28
Ozone level *	0.079	0.082	40
Nitrate level in water >2 *	34.4%	24.5%	39
Housing built before 1950	28.9%	25.9%	25
Lead poisoned children	0.8%	4.0%	53

Pocahontas County
Overall Ranking
41



	West Virginia	County	Rank
Health Outcomes			44
Mortality (years of potential life lost per 100,000 population)	8709.3	9753.8	45
Low Birth Weight	9.5%	10.6%	44
General health status (% Fair or Poor Health)	23.9%	21.8%	19
Health Determinants			24
Health Care			16
No health insurance	21.8%	20.8%	18
Doctors per 100,000 population	231.6	153.4	17
Dentists per 100,000 population	46.7	35.4	22
Without pneumococcal vaccinations	64.7%	64.5%	29
Without influenza vaccinations for the last 12 months	66.6%	67.6%	33
Diabetes	10.7%	7.0%	2
No mammography within past 2-year Women Aged 40+	26.2%	25.5%	24
Health Behaviors			28
Cigarette smoking	27.0%	20.5%	2
Mothers smoking during pregnancy	27.2%	30.2%	30
Physical inactivity	27.0%	23.0%	4
Overweight and obesity	28.9%	30.2%	33
Low fruit and vegetable consumption (<5 fruit/veg a day)	20.0%	23.4%	9
Binge drinking	10.5%	10.8%	38
Teen birth rate (per 1,000 females aged 15-19)	44.3	41.8	26
Sexually transmitted disease (per 100,000 population)	143.2	37.5	2
Violent crime per (per 1,000 population)	5.0	9.6	53
Motor vehicle crash deaths (per 100,000 population)	23.2	0.0	1
Socioeconomic Factors			31
High school graduation rate	84.0%	87.3%	16
Population (age 25 & over) with a HS diploma	24.8%	29.1%	20
Unemployment Rate	4.6%	7.3%	54
Children (age 0-17) in poverty	25.5%	24.6%	20
Divorce rate (per 1,000 population)	5.1	5.0	24
Single-parent families	24.7%	22.2%	17
Physical Environment			24
Air quality cancer risk	0.000022	0.000008	1
Air quality hazard index	1.650	0.495	1
Fine particle matter in air	15.31	15.84	42
Ozone level *	0.079	0.075	2
Nitrate level in water >2 *	34.4%	21.5%	38
Housing built before 1950	28.9%	22.6%	14
Lead poisoned children	0.8%	2.7%	47

*-Regional Data



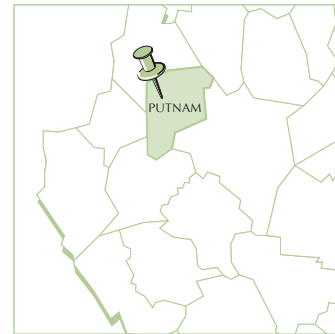
Preston County

Overall Ranking

26

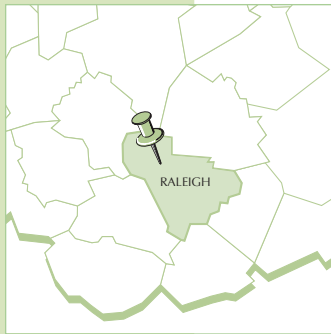
	West Virginia	County	Rank
Health Outcomes			27
Mortality (years of potential life lost per 100,000 population)	8709.3	8838.3	31
Low Birth Weight	9.5%	9.1%	28
General health status (% Fair or Poor Health)	23.9%	24.0%	29
Health Determinants			12
Health Care			28
No health insurance	21.8%	24.9%	34
Doctors per 100,000 population	231.6	66.0	41
Dentists per 100,000 population	46.7	19.8	40
Without pneumococcal vaccinations	64.7%	54.1%	2
Without influenza vaccinations for the last 12 months	66.6%	66.9%	28
Diabetes	10.7%	9.6%	18
No mammography within past 2-year Women Aged 40+	26.2%	24.9%	20
Health Behaviors			17
Cigarette smoking	27.0%	25.9%	20
Mothers smoking during pregnancy	27.2%	31.8%	33
Physical inactivity	27.0%	26.1%	21
Overweight and obesity	28.9%	31.7%	41
Low fruit and vegetable consumption (<5 fruit/veg a day)	20.0%	20.0%	30
Binge drinking	10.5%	9.2%	22
Teen birth rate (per 1,000 females aged 15-19)	44.3	44.9	32
Sexually transmitted disease (per 100,000 population)	143.2	116.9	28
Violent crime per (per 1,000 population)	5.0	2.7	17
Motor vehicle crash deaths (per 100,000 population)	23.2	39.5	46
Socioeconomic Factors			13
High school graduation rate	84.0%	81.1%	45
Population (age 25 & over) with a HS diploma	24.8%	26.1%	33
Unemployment Rate	4.6%	4.2%	9
Children (age 0-17) in poverty	25.5%	24.8%	22
Divorce rate (per 1,000 population)	5.1	4.5	13
Single-parent families	24.7%	20.5%	10
Physical Environment			39
Air quality cancer risk	0.000022	0.000012	23
Air quality hazard index	1.650	1.090	27
Fine particle matter in air	15.31	15.18	5
Ozone level *	0.079	0.080	30
Nitrate level in water >2 *	34.4%	92.0%	46
Housing built before 1950	28.9%	29.3%	32
Lead poisoned children	0.8%	0.7%	30

Putnam County
Overall Ranking
3



	West Virginia	County	Rank
Health Outcomes			6
Mortality (years of potential life lost per 100,000 population)	8709.3	6994.4	3
Low Birth Weight	9.5%	8.4%	18
General health status (% Fair or Poor Health)	23.9%	20.5%	11
Health Determinants			2
Health Care			21
No health insurance	21.8%	16.5%	2
Doctors per 100,000 population	231.6	79.3	33
Dentists per 100,000 population	46.7	30.6	25
Without pneumococcal vaccinations	64.7%	60.7%	17
Without influenza vaccinations for the last 12 months	66.6%	69.0%	39
Diabetes	10.7%	9.8%	25
No mammography within past 2-year Women Aged 40+	26.2%	23.1%	15
Health Behaviors			6
Cigarette smoking	27.0%	25.0%	13
Mothers smoking during pregnancy	27.2%	19.6%	4
Physical inactivity	27.0%	23.9%	9
Overweight and obesity	28.9%	24.0%	2
Low fruit and vegetable consumption (<5 fruit/veg a day)	20.0%	18.7%	34
Binge drinking	10.5%	9.3%	24
Teen birth rate (per 1,000 females aged 15-19)	44.3	28.7	4
Sexually transmitted disease (per 100,000 population)	143.2	114.9	26
Violent crime per (per 1,000 population)	5.0	4.3	32
Motor vehicle crash deaths (per 100,000 population)	23.2	18.2	17
Socioeconomic Factors			2
High school graduation rate	84.0%	88.3%	12
Population (age 25 & over) with a HS diploma	24.8%	16.2%	55
Unemployment Rate	4.6%	3.8%	5
Children (age 0-17) in poverty	25.5%	13.7%	2
Divorce rate (per 1,000 population)	5.1	4.6	14
Single-parent families	24.7%	17.5%	1
Physical Environment			9
Air quality cancer risk	0.000022	0.000023	44
Air quality hazard index	1.650	2.540	52
Fine particle matter in air	15.31	15.40	14
Ozone level *	0.079	0.078	14
Nitrate level in water >2 *	34.4%	0.0%	1
Housing built before 1950	28.9%	11.8%	1
Lead poisoned children	0.8%	0.0%	1

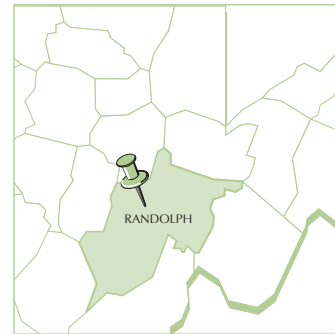
*-Regional Data



Raleigh County
Overall Ranking
34

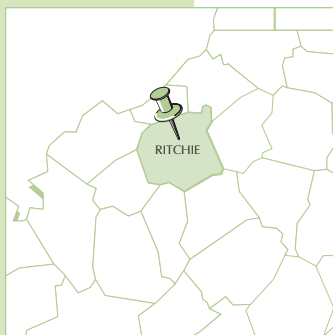
	West Virginia	County	Rank
Health Outcomes			43
Mortality (years of potential life lost per 100,000 population)	8709.3	9658.2	42
Low Birth Weight	9.5%	10.0%	34
General health status (% Fair or Poor Health)	23.9%	30.9%	49
Health Determinants			8
Health Care			34
No health insurance	21.8%	20.4%	16
Doctors per 100,000 population	231.6	259.6	7
Dentists per 100,000 population	46.7	45.4	12
Without pneumococcal vaccinations	64.7%	70.8%	49
Without influenza vaccinations for the last 12 months	66.6%	70.4%	46
Diabetes	10.7%	11.6%	45
No mammography within past 2-year Women Aged 40+	26.2%	28.7%	35
Health Behaviors			1
Cigarette smoking	27.0%	26.8%	25
Mothers smoking during pregnancy	27.2%	27.2%	24
Physical inactivity	27.0%	26.2%	23
Overweight and obesity	28.9%	26.0%	10
Low fruit and vegetable consumption (<5 fruit/veg a day)	20.0%	19.6%	32
Binge drinking	10.5%	5.3%	2
Teen birth rate (per 1,000 females aged 15-19)	44.3	49.9	40
Sexually transmitted disease (per 100,000 population)	143.2	235.6	48
Violent crime per (per 1,000 population)	5.0	7.4	49
Motor vehicle crash deaths (per 100,000 population)	23.2	24.0	28
Socioeconomic Factors			29
High school graduation rate	84.0%	86.0%	22
Population (age 25 & over) with a HS diploma	24.8%	28.0%	22
Unemployment Rate	4.6%	4.2%	9
Children (age 0-17) in poverty	25.5%	28.3%	35
Divorce rate (per 1,000 population)	5.1	5.2	28
Single-parent families	24.7%	26.3%	48
Physical Environment			1
Air quality cancer risk	0.000022	0.000019	40
Air quality hazard index	1.650	1.545	41
Fine particle matter in air	15.31	13.04	1
Ozone level *	0.079	0.078	14
Nitrate level in water >2 *	34.4%	0.0%	1
Housing built before 1950	28.9%	25.8%	24
Lead poisoned children	0.8%	0.2%	23

Randolph County
Overall Ranking
12



	West Virginia	County	Rank
Health Outcomes			21
Mortality (years of potential life lost per 100,000 population)	8709.3	8174.5	18
Low Birth Weight	9.5%	8.7%	22
General health status (% Fair or Poor Health)	23.9%	24.3%	31
Health Determinants			6
Health Care			23
No health insurance	21.8%	22.3%	26
Doctors per 100,000 population	231.6	187.5	13
Dentists per 100,000 population	46.7	42.5	14
Without pneumococcal vaccinations	64.7%	59.9%	14
Without influenza vaccinations for the last 12 months	66.6%	75.5%	53
Diabetes	10.7%	8.6%	11
No mammography within past 2-year Women Aged 40+	26.2%	25.5%	27
Health Behaviors			2
Cigarette smoking	27.0%	26.8%	25
Mothers smoking during pregnancy	27.2%	35.6%	43
Physical inactivity	27.0%	26.6%	24
Overweight and obesity	28.9%	24.3%	3
Low fruit and vegetable consumption (<5 fruit/veg a day)	20.0%	25.4%	6
Binge drinking	10.5%	6.1%	4
Teen birth rate (per 1,000 females aged 15-19)	44.3	50.9	42
Sexually transmitted disease (per 100,000 population)	143.2	127.2	30
Violent crime per (per 1,000 population)	5.0	6.5	46
Motor vehicle crash deaths (per 100,000 population)	23.2	14.1	12
Socioeconomic Factors			22
High school graduation rate	84.0%	85.8%	24
Population (age 25 & over) with a HS diploma	24.8%	26.5%	30
Unemployment Rate	4.6%	4.8%	24
Children (age 0-17) in poverty	25.5%	25.6%	24
Divorce rate (per 1,000 population)	5.1	4.7	17
Single-parent families	24.7%	24.3%	37
Physical Environment			20
Air quality cancer risk	0.000022	0.000014	31
Air quality hazard index	1.650	0.858	14
Fine particle matter in air	15.31	15.84	42
Ozone level *	0.079	0.075	2
Nitrate level in water >2 *	34.4%	0.0%	1
Housing built before 1950	28.9%	28.4%	30
Lead poisoned children	0.8%	1.4%	41

*-Regional Data



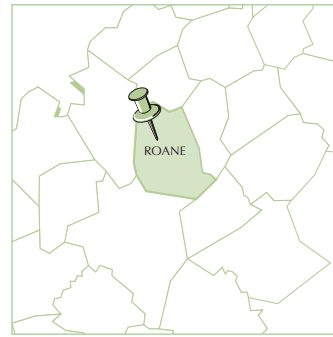
Ritchie County

Overall Ranking

20

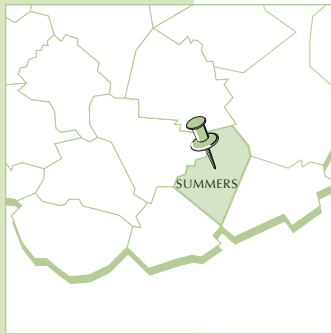
	West Virginia	County	Rank
Health Outcomes			33
Mortality (years of potential life lost per 100,000 population)	8709.3	9390.1	41
Low Birth Weight	9.5%	8.8%	25
General health status (% Fair or Poor Health)	23.9%	22.8%	25
Health Determinants			4
Health Care			19
No health insurance	21.8%	17.9%	7
Doctors per 100,000 population	231.6	0.0	55
Dentists per 100,000 population	46.7	19.4	43
Without pneumococcal vaccinations	64.7%	59.8%	11
Without influenza vaccinations for the last 12 months	66.6%	60.3%	11
Diabetes	10.7%	9.2%	14
No mammography within past 2-year Women Aged 40+	26.2%	25.6%	28
Health Behaviors			10
Cigarette smoking	27.0%	27.0%	28
Mothers smoking during pregnancy	27.2%	35.1%	42
Physical inactivity	27.0%	29.5%	33
Overweight and obesity	28.9%	30.0%	30
Low fruit and vegetable consumption (<5 fruit/veg a day)	20.0%	18.5%	36
Binge drinking	10.5%	7.5%	8
Teen birth rate (per 1,000 females aged 15-19)	44.3	41.8	26
Sexually transmitted disease (per 100,000 population)	143.2	33.9	1
Violent crime per (per 1,000 population)	5.0	3.1	21
Motor vehicle crash deaths (per 100,000 population)	23.2	37.6	43
Socioeconomic Factors			5
High school graduation rate	84.0%	89.8%	8
Population (age 25 & over) with a HS diploma	24.8%	26.6%	28
Unemployment Rate	4.6%	4.7%	22
Children (age 0-17) in poverty	25.5%	24.0%	19
Divorce rate (per 1,000 population)	5.1	4.2	8
Single-parent families	24.7%	20.4%	7
Physical Environment			27
Air quality cancer risk	0.000022	0.000011	11
Air quality hazard index	1.650	0.885	15
Fine particle matter in air	15.31	15.45	28
Ozone level *	0.079	0.082	40
Nitrate level in water >2 *	34.4%	0.0%	1
Housing built before 1950	28.9%	38.0%	49
Lead poisoned children	0.8%	0.0%	1

Roane County
Overall Ranking
13



	West Virginia	County	Rank
Health Outcomes			9
Mortality (years of potential life lost per 100,000 population)	8709.3	9023.8	32
Low Birth Weight	9.5%	5.9%	1
General health status (% Fair or Poor Health)	23.9%	26.5%	32
Health Determinants			35
Health Care			46
No health insurance	21.8%	32.6%	49
Doctors per 100,000 population	231.6	98.9	28
Dentists per 100,000 population	46.7	19.8	41
Without pneumococcal vaccinations	64.7%	69.5%	43
Without influenza vaccinations for the last 12 months	66.6%	65.5%	21
Diabetes	10.7%	8.4%	7
No mammography within past 2-year Women Aged 40+	26.2%	37.4%	46
Health Behaviors			34
Cigarette smoking	27.0%	34.3%	46
Mothers smoking during pregnancy	27.2%	31.8%	33
Physical inactivity	27.0%	31.8%	47
Overweight and obesity	28.9%	26.5%	11
Low fruit and vegetable consumption (<5 fruit/veg a day)	20.0%	17.1%	42
Binge drinking	10.5%	9.8%	29
Teen birth rate (per 1,000 females aged 15-19)	44.3	43.6	31
Sexually transmitted disease (per 100,000 population)	143.2	70.2	7
Violent crime per (per 1,000 population)	5.0	4.8	37
Motor vehicle crash deaths (per 100,000 population)	23.2	44.9	50
Socioeconomic Factors			35
High school graduation rate	84.0%	84.8%	28
Population (age 25 & over) with a HS diploma	24.8%	33.2%	11
Unemployment Rate	4.6%	5.9%	45
Children (age 0-17) in poverty	25.5%	31.8%	43
Divorce rate (per 1,000 population)	5.1	5.6	36
Single-parent families	24.7%	22.9%	24
Physical Environment			22
Air quality cancer risk	0.000022	0.000013	24
Air quality hazard index	1.650	1.120	29
Fine particle matter in air	15.31	15.45	28
Ozone level *	0.079	0.082	40
Nitrate level in water >2 *	34.4%	0.0%	1
Housing built before 1950	28.9%	30.6%	37
Lead poisoned children	0.8%	0.0%	1

*-Regional Data

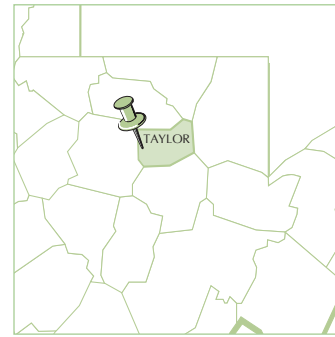


Summers County

Overall Ranking
50

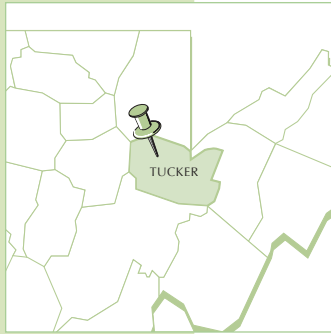
	West Virginia	County	Rank
Health Outcomes			
51			
Mortality (years of potential life lost per 100,000 population)	8709.3	11654	53
Low Birth Weight	9.5%	10.5%	42
General health status (% Fair or Poor Health)	23.9%	28.6%	43
Health Determinants			
39			
Health Care			
39			
No health insurance	21.8%	25.4%	36
Doctors per 100,000 population	231.6	69.1	39
Dentists per 100,000 population	46.7	23.0	38
Without pneumococcal vaccinations	64.7%	63.1%	23
Without influenza vaccinations for the last 12 months	66.6%	70.6%	47
Diabetes	10.7%	11.8%	46
No mammography within past 2-year Women Aged 40+	26.2%	24.6%	17
Health Behaviors			
16			
Cigarette smoking	27.0%	25.6%	17
Mothers smoking during pregnancy	27.2%	39.1%	51
Physical inactivity	27.0%	30.7%	40
Overweight and obesity	28.9%	27.8%	19
Low fruit and vegetable consumption (<5 fruit/veg a day)	20.0%	20.3%	25
Binge drinking	10.5%	8.3%	13
Teen birth rate (per 1,000 females aged 15-19)	44.3	48.3	37
Sexually transmitted disease (per 100,000 population)	143.2	63.5	5
Violent crime per (per 1,000 population)	5.0	3.4	24
Motor vehicle crash deaths (per 100,000 population)	23.2	29.6	38
Socioeconomic Factors			
47			
High school graduation rate	84.0%	82.1%	39
Population (age 25 & over) with a HS diploma	24.8%	34.6%	10
Unemployment Rate	4.6%	5.9%	45
Children (age 0-17) in poverty	25.5%	38.8%	53
Divorce rate (per 1,000 population)	5.1	5.5	35
Single-parent families	24.7%	24.3%	37
Physical Environment			
43			
Air quality cancer risk	0.000022	0.000013	27
Air quality hazard index	1.650	1.083	26
Fine particle matter in air	15.31	15.40	14
Ozone level *	0.079	0.078	14
Nitrate level in water >2 *	34.4%	29.0%	41
Housing built before 1950	28.9%	31.1%	39
Lead poisoned children	0.8%	4.5%	54

Taylor County
Overall Ranking
14



	West Virginia	County	Rank
Health Outcomes			11
Mortality (years of potential life lost per 100,000 population)	8709.3	8396.1	19
Low Birth Weight	9.5%	7.1%	4
General health status (% Fair or Poor Health)	23.9%	26.5%	32
Health Determinants			28
Health Care			54
No health insurance	21.8%	34.2%	54
Doctors per 100,000 population	231.6	80.5	32
Dentists per 100,000 population	46.7	24.8	35
Without pneumococcal vaccinations	64.7%	80.6%	54
Without influenza vaccinations for the last 12 months	66.6%	76.8%	54
Diabetes	10.7%	11.5%	43
No mammography within past 2-year Women Aged 40+	26.2%	22.2%	12
Health Behaviors			3
Cigarette smoking	27.0%	21.3%	5
Mothers smoking during pregnancy	27.2%	24.1%	15
Physical inactivity	27.0%	32.4%	51
Overweight and obesity	28.9%	34.2%	49
Low fruit and vegetable consumption (<5 fruit/veg a day)	20.0%	22.2%	16
Binge drinking	10.5%	7.7%	11
Teen birth rate (per 1,000 females aged 15-19)	44.3	37.9	18
Sexually transmitted disease (per 100,000 population)	143.2	91.9	20
Violent crime per (per 1,000 population)	5.0	1.0	2
Motor vehicle crash deaths (per 100,000 population)	23.2	12.3	9
Socioeconomic Factors			37
High school graduation rate	84.0%	81.7%	43
Population (age 25 & over) with a HS diploma	24.8%	25.3%	35
Unemployment Rate	4.6%	4.9%	26
Children (age 0-17) in poverty	25.5%	27.5%	30
Divorce rate (per 1,000 population)	5.1	5.8	43
Single-parent families	24.7%	23.9%	35
Physical Environment			44
Air quality cancer risk	0.000022	0.000014	29
Air quality hazard index	1.650	1.315	36
Fine particle matter in air	15.31	15.18	5
Ozone level *	0.079	0.080	30
Nitrate level in water >2 *	34.4%	0.0%	1
Housing built before 1950	28.9%	35.1%	44
Lead poisoned children	0.8%	4.8%	55

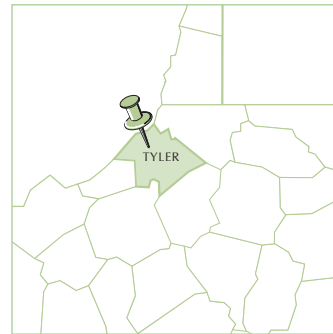
*-Regional Data



Tucker County
Overall Ranking
6

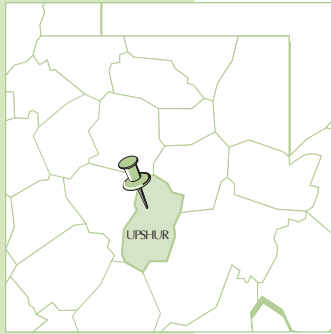
	West Virginia	County	Rank
Health Outcomes			8
Mortality (years of potential life lost per 100,000 population)	8709.3	7632.3	12
Low Birth Weight	9.5%	7.7%	9
General health status (% Fair or Poor Health)	23.9%	24.0%	29
Health Determinants			13
Health Care			15
No health insurance	21.8%	24.9%	34
Doctors per 100,000 population	231.6	87.2	30
Dentists per 100,000 population	46.7	58.2	8
Without pneumococcal vaccinations	64.7%	54.1%	2
Without influenza vaccinations for the last 12 months	66.6%	66.9%	28
Diabetes	10.7%	9.6%	18
No mammography within past 2-year Women Aged 40+	26.2%	24.9%	20
Health Behaviors			35
Cigarette smoking	27.0%	25.9%	20
Mothers smoking during pregnancy	27.2%	20.3%	5
Physical inactivity	27.0%	26.1%	21
Overweight and obesity	28.9%	31.7%	41
Low fruit and vegetable consumption (<5 fruit/veg a day)	20.0%	20.0%	30
Binge drinking	10.5%	9.2%	22
Teen birth rate (per 1,000 females aged 15-19)	44.3	35.3	13
Sexually transmitted disease (per 100,000 population)	143.2	71.4	8
Violent crime per (per 1,000 population)	5.0	5.4	40
Motor vehicle crash deaths (per 100,000 population)	23.2	29.2	36
Socioeconomic Factors			7
High school graduation rate	84.0%	94.1%	2
Population (age 25 & over) with a HS diploma	24.8%	24.5%	37
Unemployment Rate	4.6%	5.8%	43
Children (age 0-17) in poverty	25.5%	25.8%	26
Divorce rate (per 1,000 population)	5.1	5.1	26
Single-parent families	24.7%	18.2%	2
Physical Environment			45
Air quality cancer risk	0.000022	0.000009	3
Air quality hazard index	1.650	0.667	3
Fine particle matter in air	15.31	15.84	42
Ozone level *	0.079	0.075	2
Nitrate level in water >2 *	34.4%	169.5%	53
Housing built before 1950	28.9%	27.9%	29
Lead poisoned children	0.8%	0.0%	1

Tyler County
Overall Ranking
29



	West Virginia	County	Rank
Health Outcomes			30
Mortality (years of potential life lost per 100,000 population)	8709.3	7183.1	5
Low Birth Weight	9.5%	11.7%	49
General health status (% Fair or Poor Health)	23.9%	20.6%	12
Health Determinants			17
Health Care			42
No health insurance	21.8%	22.5%	27
Doctors per 100,000 population	231.6	67.9	40
Dentists per 100,000 population	46.7	11.3	51
Without pneumococcal vaccinations	64.7%	56.9%	7
Without influenza vaccinations for the last 12 months	66.6%	69.4%	41
Diabetes	10.7%	10.8%	32
No mammography within past 2-year Women Aged 40+	26.2%	41.8%	52
Health Behaviors			12
Cigarette smoking	27.0%	30.1%	36
Mothers smoking during pregnancy	27.2%	32.6%	37
Physical inactivity	27.0%	25.4%	15
Overweight and obesity	28.9%	31.8%	43
Low fruit and vegetable consumption (<5 fruit/veg a day)	20.0%	26.1%	3
Binge drinking	10.5%	9.8%	33
Teen birth rate (per 1,000 females aged 15-19)	44.3	40.7	21
Sexually transmitted disease (per 100,000 population)	143.2	82.1	16
Violent crime per (per 1,000 population)	5.0	2.8	18
Motor vehicle crash deaths (per 100,000 population)	23.2	10.8	6
Socioeconomic Factors			17
High school graduation rate	84.0%	96.6%	1
Population (age 25 & over) with a HS diploma	24.8%	24.6%	36
Unemployment Rate	4.6%	6.7%	49
Children (age 0-17) in poverty	25.5%	25.8%	26
Divorce rate (per 1,000 population)	5.1	5.6	37
Single-parent families	24.7%	21.6%	12
Physical Environment			34
Air quality cancer risk	0.000022	0.000013	26
Air quality hazard index	1.650	0.830	11
Fine particle matter in air	15.31	15.18	5
Ozone level *	0.079	0.080	30
Nitrate level in water >2 *	34.4%	57.0%	43
Housing built before 1950	28.9%	38.6%	50
Lead poisoned children	0.8%	0.0%	1

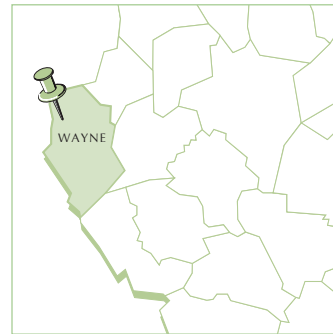
*-Regional Data



Upshur County
Overall Ranking
16

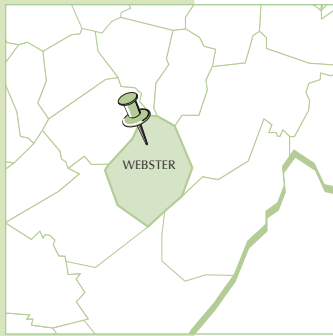
	West Virginia	County	Rank
Health Outcomes			17
Mortality (years of potential life lost per 100,000 population)	8709.3	8160.6	17
Low Birth Weight	9.5%	8.3%	17
General health status (% Fair or Poor Health)	23.9%	22.4%	22
Health Determinants			26
Health Care			37
No health insurance	21.8%	20.7%	17
Doctors per 100,000 population	231.6	123.0	24
Dentists per 100,000 population	46.7	29.7	27
Without pneumococcal vaccinations	64.7%	68.4%	42
Without influenza vaccinations for the last 12 months	66.6%	61.6%	16
Diabetes	10.7%	11.9%	49
No mammography within past 2-year Women Aged 40+	26.2%	33.9%	44
Health Behaviors			24
Cigarette smoking	27.0%	26.2%	23
Mothers smoking during pregnancy	27.2%	32.0%	35
Physical inactivity	27.0%	26.7%	25
Overweight and obesity	28.9%	28.5%	24
Low fruit and vegetable consumption (<5 fruit/veg a day)	20.0%	15.4%	52
Binge drinking	10.5%	6.4%	6
Teen birth rate (per 1,000 females aged 15-19)	44.3	38.7	20
Sexually transmitted disease (per 100,000 population)	143.2	156.5	38
Violent crime per (per 1,000 population)	5.0	5.3	39
Motor vehicle crash deaths (per 100,000 population)	23.2	21.1	22
Socioeconomic Factors			32
High school graduation rate	84.0%	81.7%	42
Population (age 25 & over) with a HS diploma	24.8%	25.4%	34
Unemployment Rate	4.6%	4.4%	13
Children (age 0-17) in poverty	25.5%	28.7%	36
Divorce rate (per 1,000 population)	5.1	5.5	34
Single-parent families	24.7%	22.3%	19
Physical Environment			31
Air quality cancer risk	0.000022	0.000017	38
Air quality hazard index	1.650	1.165	31
Fine particle matter in air	15.31	15.45	28
Ozone level *	0.079	0.082	40
Nitrate level in water >2 *	34.4%	0.0%	1
Housing built before 1950	28.9%	26.2%	26
Lead poisoned children	0.8%	1.8%	45

Wayne County
Overall Ranking
48



	West Virginia	County	Rank
Health Outcomes			50
Mortality (years of potential life lost per 100,000 population)	8709.3	8536.6	27
Low Birth Weight	9.5%	13.8%	53
General health status (% Fair or Poor Health)	23.9%	27.1%	40
Health Determinants			47
Health Care			51
No health insurance	21.8%	22.7%	31
Doctors per 100,000 population	231.6	29.2	51
Dentists per 100,000 population	46.7	19.5	42
Without pneumococcal vaccinations	64.7%	69.7%	47
Without influenza vaccinations for the last 12 months	66.6%	67.0%	31
Diabetes	10.7%	10.4%	29
No mammography within past 2-year Women Aged 40+	26.2%	43.6%	55
Health Behaviors			39
Cigarette smoking	27.0%	28.9%	33
Mothers smoking during pregnancy	27.2%	31.0%	31
Physical inactivity	27.0%	30.6%	39
Overweight and obesity	28.9%	32.4%	47
Low fruit and vegetable consumption (<5 fruit/veg a day)	20.0%	17.0%	46
Binge drinking	10.5%	8.6%	16
Teen birth rate (per 1,000 females aged 15-19)	44.3	48.7	38
Sexually transmitted disease (per 100,000 population)	143.2	81.1	15
Violent crime per (per 1,000 population)	5.0	4.6	36
Motor vehicle crash deaths (per 100,000 population)	23.2	26.4	33
Socioeconomic Factors			48
High school graduation rate	84.0%	80.6%	47
Population (age 25 & over) with a HS diploma	24.8%	29.5%	18
Unemployment Rate	4.6%	5.1%	30
Children (age 0-17) in poverty	25.5%	29.7%	39
Divorce rate (per 1,000 population)	5.1	7.3	53
Single-parent families	24.7%	22.3%	19
Physical Environment			15
Air quality cancer risk	0.000022	0.000027	47
Air quality hazard index	1.650	1.870	46
Fine particle matter in air	15.31	15.40	14
Ozone level *	0.079	0.078	14
Nitrate level in water >2 *	34.4%	0.0%	1
Housing built before 1950	28.9%	20.9%	13
Lead poisoned children	0.8%	0.0%	1

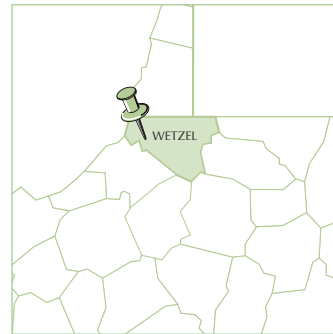
*-Regional Data



Webster County
Overall Ranking
37

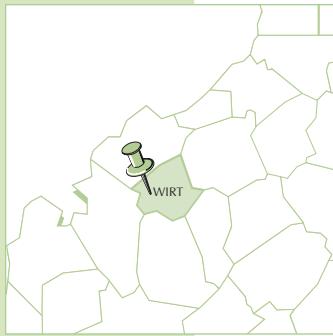
	West Virginia	County	Rank
Health Outcomes			35
Mortality (years of potential life lost per 100,000 population)	8709.3	10124.5	48
Low Birth Weight	9.5%	7.8%	13
General health status (% Fair or Poor Health)	23.9%	30.0%	46
Health Determinants			44
Health Care			48
No health insurance	21.8%	28.8%	45
Doctors per 100,000 population	231.6	74.5	37
Dentists per 100,000 population	46.7	10.6	53
Without pneumococcal vaccinations	64.7%	67.6%	38
Without influenza vaccinations for the last 12 months	66.6%	68.0%	36
Diabetes	10.7%	10.9%	35
No mammography within past 2-year Women Aged 40+	26.2%	32.3%	40
Health Behaviors			38
Cigarette smoking	27.0%	37.2%	51
Mothers smoking during pregnancy	27.2%	38.1%	49
Physical inactivity	27.0%	31.1%	43
Overweight and obesity	28.9%	30.8%	36
Low fruit and vegetable consumption (<5 fruit/veg a day)	20.0%	21.1%	21
Binge drinking	10.5%	8.8%	17
Teen birth rate (per 1,000 females aged 15-19)	44.3	30.2	6
Sexually transmitted disease (per 100,000 population)	143.2	75.6	13
Violent crime per (per 1,000 population)	5.0	4.2	29
Motor vehicle crash deaths (per 100,000 population)	23.2	20.6	19
Socioeconomic Factors			44
High school graduation rate	84.0%	87.4%	15
Population (age 25 & over) with a HS diploma	24.8%	41.8%	2
Unemployment Rate	4.6%	5.4%	38
Children (age 0-17) in poverty	25.5%	42.9%	54
Divorce rate (per 1,000 population)	5.1	6.3	48
Single-parent families	24.7%	26.7%	49
Physical Environment			11
Air quality cancer risk	0.000022	0.000009	2
Air quality hazard index	1.650	0.588	2
Fine particle matter in air	15.31	15.45	28
Ozone level *	0.079	0.082	40
Nitrate level in water >2 *	34.4%	0.0%	1
Housing built before 1950	28.9%	25.7%	22
Lead poisoned children	0.8%	0.0%	1

Wetzel County
Overall Ranking
35



West Virginia	County	Rank	
Health Outcomes			32
Mortality (years of potential life lost per 100,000 population)	8709.3	8544	29
Low Birth Weight	9.5%	10.1%	37
General health status (% Fair or Poor Health)	23.9%	20.6%	12
Health Determinants			43
Health Care			33
No health insurance	21.8%	22.5%	27
Doctors per 100,000 population	231.6	122.5	25
Dentists per 100,000 population	46.7	61.2	5
Without pneumococcal vaccinations	64.7%	56.9%	7
Without influenza vaccinations for the last 12 months	66.6%	69.4%	41
Diabetes	10.7%	10.8%	32
No mammography within past 2-year Women Aged 40+	26.2%	41.8%	52
Health Behaviors			30
Cigarette smoking	27.0%	30.1%	36
Mothers smoking during pregnancy	27.2%	32.7%	38
Physical inactivity	27.0%	25.4%	15
Overweight and obesity	28.9%	31.8%	43
Low fruit and vegetable consumption (<5 fruit/veg a day)	20.0%	26.1%	3
Binge drinking	10.5%	9.8%	33
Teen birth rate (per 1,000 females aged 15-19)	44.3	57.9	47
Sexually transmitted disease (per 100,000 population)	143.2	71.5	9
Violent crime per (per 1,000 population)	5.0	1.5	5
Motor vehicle crash deaths (per 100,000 population)	23.2	24.0	29
Socioeconomic Factors			39
High school graduation rate	84.0%	89.5%	9
Population (age 25 & over) with a HS diploma	24.8%	22.4%	41
Unemployment Rate	4.6%	7.7%	55
Children (age 0-17) in poverty	25.5%	25.7%	25
Divorce rate (per 1,000 population)	5.1	5.3	29
Single-parent families	24.7%	22.6%	22
Physical Environment			53
Air quality cancer risk	0.000022	0.000023	43
Air quality hazard index	1.650	0.968	21
Fine particle matter in air	15.31	15.18	5
Ozone level *	0.079	0.080	30
Nitrate level in water >2 *	34.4%	106.0%	48
Housing built before 1950	28.9%	32.4%	40
Lead poisoned children	0.8%	3.6%	51

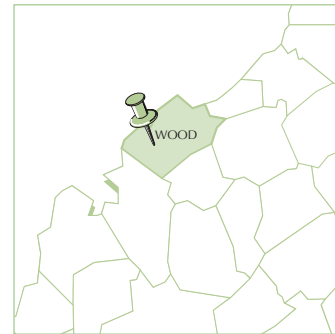
*-Regional Data



Wirt County
Overall Ranking
38

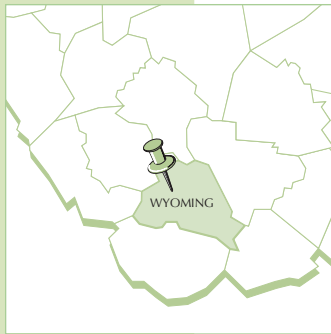
	West Virginia	County	Rank
Health Outcomes			41
Mortality (years of potential life lost per 100,000 population)	8709.3	8440.9	22
Low Birth Weight	9.5%	11.8%	50
General health status (% Fair or Poor Health)	23.9%	26.6%	38
Health Determinants			23
Health Care			14
No health insurance	21.8%	17.0%	3
Doctors per 100,000 population	231.6	17.4	54
Dentists per 100,000 population	46.7	17.4	46
Without pneumococcal vaccinations	64.7%	60.9%	18
Without influenza vaccinations for the last 12 months	66.6%	60.1%	7
Diabetes	10.7%	9.7%	21
No mammography within past 2-year Women Aged 40+	26.2%	18.3%	3
Health Behaviors			11
Cigarette smoking	27.0%	25.5%	15
Mothers smoking during pregnancy	27.2%	37.5%	48
Physical inactivity	27.0%	27.1%	26
Overweight and obesity	28.9%	29.6%	28
Low fruit and vegetable consumption (<5 fruit/veg a day)	20.0%	24.9%	7
Binge drinking	10.5%	8.9%	20
Teen birth rate (per 1,000 females aged 15-19)	44.3	41.7	24
Sexually transmitted disease (per 100,000 population)	143.2	99.6	22
Violent crime per (per 1,000 population)	5.0	1.9	8
Motor vehicle crash deaths (per 100,000 population)	23.2	16.7	15
Socioeconomic Factors			38
High school graduation rate	84.0%	81.5%	44
Population (age 25 & over) with a HS diploma	24.8%	27.6%	25
Unemployment Rate	4.6%	5.7%	41
Children (age 0-17) in poverty	25.5%	30.7%	41
Divorce rate (per 1,000 population)	5.1	6.2	47
Single-parent families	24.7%	20.5%	10
Physical Environment			13
Air quality cancer risk	0.000022	0.000012	18
Air quality hazard index	1.650	1.080	25
Fine particle matter in air	15.31	15.45	28
Ozone level *	0.079	0.082	40
Nitrate level in water >2 *	34.4%	0.0%	1
Housing built before 1950	28.9%	23.8%	16
Lead poisoned children	0.8%	0.0%	1

Wood County
Overall Ranking
15



	West Virginia	County	Rank
Health Outcomes			13
Mortality (years of potential life lost per 100,000 population)	8709.3	7605.5	11
Low Birth Weight	9.5%	8.8%	24
General health status (% Fair or Poor Health)	23.9%	18.5%	5
Health Determinants			34
Health Care			11
No health insurance	21.8%	20.1%	14
Doctors per 100,000 population	231.6	243.6	9
Dentists per 100,000 population	46.7	55.7	11
Without pneumococcal vaccinations	64.7%	63.2%	27
Without influenza vaccinations for the last 12 months	66.6%	67.1%	32
Diabetes	10.7%	10.6%	31
No mammography within past 2-year Women Aged 40+	26.2%	18.9%	7
Health Behaviors			15
Cigarette smoking	27.0%	26.8%	25
Mothers smoking during pregnancy	27.2%	26.4%	21
Physical inactivity	27.0%	23.3%	7
Overweight and obesity	28.9%	27.0%	16
Low fruit and vegetable consumption (<5 fruit/veg a day)	20.0%	23.0%	12
Binge drinking	10.5%	11.1%	41
Teen birth rate (per 1,000 females aged 15-19)	44.3	46.5	35
Sexually transmitted disease (per 100,000 population)	143.2	160.9	39
Violent crime per (per 1,000 population)	5.0	4.2	29
Motor vehicle crash deaths (per 100,000 population)	23.2	11.5	7
Socioeconomic Factors			36
High school graduation rate	84.0%	86.8%	18
Population (age 25 & over) with a HS diploma	24.8%	18.6%	51
Unemployment Rate	4.6%	4.6%	20
Children (age 0-17) in poverty	25.5%	28.0%	33
Divorce rate (per 1,000 population)	5.1	5.4	31
Single-parent families	24.7%	25.6%	45
Physical Environment			55
Air quality cancer risk	0.000022	0.000035	50
Air quality hazard index	1.650	3.050	53
Fine particle matter in air	15.31	15.45	28
Ozone level *	0.079	0.082	40
Nitrate level in water >2 *	34.4%	126.0%	50
Housing built before 1950	28.9%	27.4%	27
Lead poisoned children	0.8%	3.0%	49

*-Regional Data

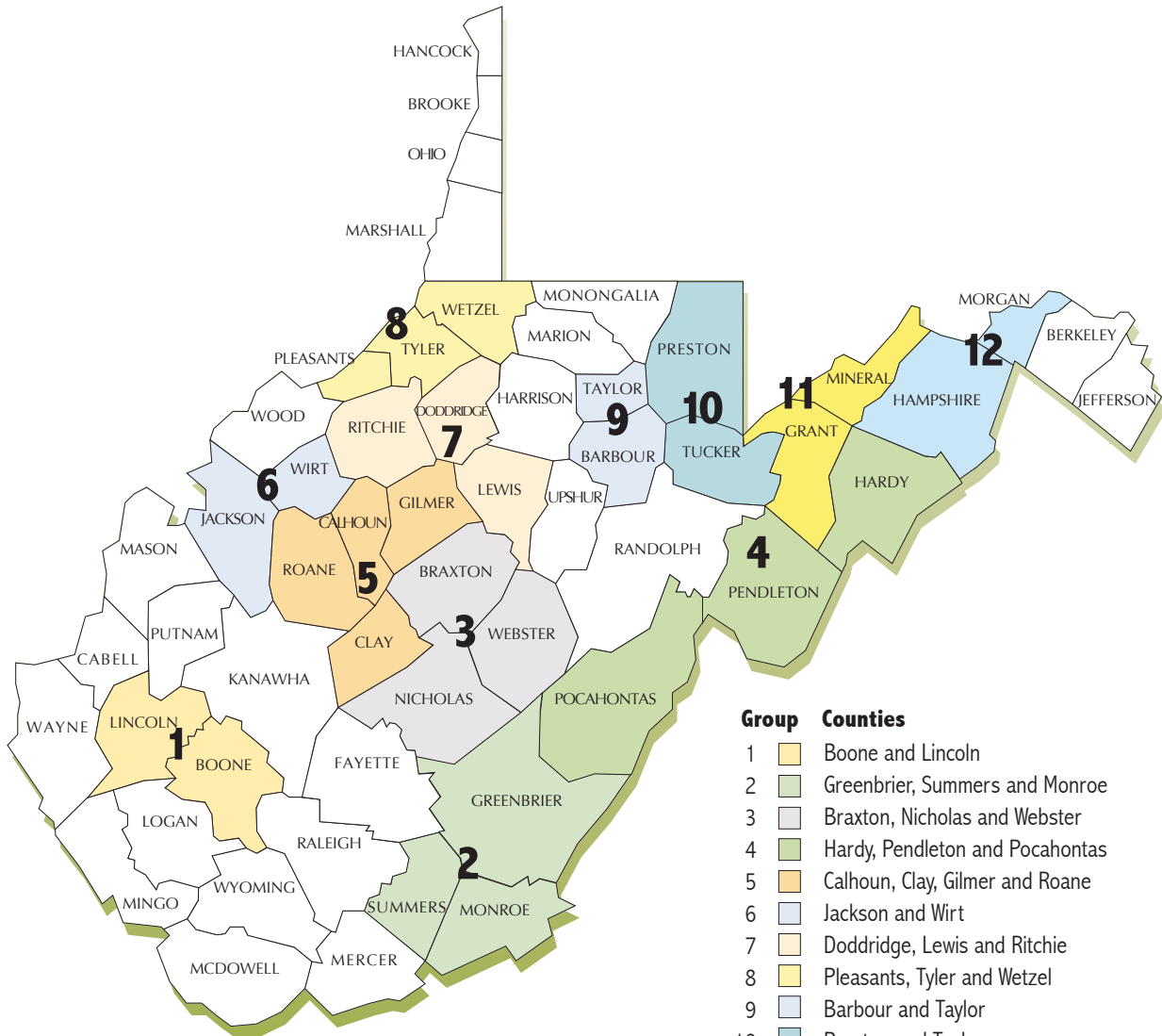


Wyoming County
Overall Ranking
51

	West Virginia	County	Rank
Health Outcomes			49
Mortality (years of potential life lost per 100,000 population)	8709.3	9954.5	46
Low Birth Weight	9.5%	10.9%	46
General health status (% Fair or Poor Health)	23.9%	40.7%	54
Health Determinants			53
Health Care			35
No health insurance	21.8%	31.6%	48
Doctors per 100,000 population	231.6	55.2	47
Dentists per 100,000 population	46.7	21.2	39
Without pneumococcal vaccinations	64.7%	55.4%	5
Without influenza vaccinations for the last 12 months	66.6%	56.4%	2
Diabetes	10.7%	11.1%	39
No mammography within past 2-year Women Aged 40+	26.2%	33.1%	43
Health Behaviors			51
Cigarette smoking	27.0%	42.4%	55
Mothers smoking during pregnancy	27.2%	39.2%	52
Physical inactivity	27.0%	37.8%	53
Overweight and obesity	28.9%	32.2%	46
Low fruit and vegetable consumption (<5 fruit/veg a day)	20.0%	12.9%	53
Binge drinking	10.5%	5.5%	3
Teen birth rate (per 1,000 females aged 15-19)	44.3	62.6	51
Sexually transmitted disease (per 100,000 population)	143.2	95.8	21
Violent crime per (per 1,000 population)	5.0	1.9	8
Motor vehicle crash deaths (per 100,000 population)	23.2	45.4	52
Socioeconomic Factors			42
High school graduation rate	84.0%	79.7%	50
Population (age 25 & over) with a HS diploma	24.8%	35.7%	9
Unemployment Rate	4.6%	5.2%	33
Children (age 0-17) in poverty	25.5%	35.3%	47
Divorce rate (per 1,000 population)	5.1	6.4	49
Single-parent families	24.7%	22.2%	17
Physical Environment			52
Air quality cancer risk	0.000022	0.000011	12
Air quality hazard index	1.650	0.776	7
Fine particle matter in air	15.31	15.40	14
Ozone level *	0.079	0.078	14
Nitrate level in water >2 *	34.4%	197.0%	54
Housing built before 1950	28.9%	24.9%	19
Lead poisoned children	0.8%	1.8%	44

Groupings for County Level Analysis for Years 2002- 2006

West Virginia Behaviour Factor Surveillance System



Group	Counties
1	Boone and Lincoln
2	Greenbrier, Summers and Monroe
3	Braxton, Nicholas and Webster
4	Hardy, Pendleton and Pocahontas
5	Calhoun, Clay, Gilmer and Roane
6	Jackson and Wirt
7	Doddridge, Lewis and Ritchie
8	Pleasants, Tyler and Wetzel
9	Barbour and Taylor
10	Preston and Tucker
11	Grant and Mineral
12	Hampshire and Morgan

* Numbered groupings for county level BRFSS analysis. Unshaded counties stand alone. Grouped counties combined die to law sample sites. 36 areas. 24 freestanding counties and 12 groups.







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