



# County Health Rankings & Roadmaps

A Healthier Nation, County by County

## 2012 *Rankings* **Ohio**





## Introduction

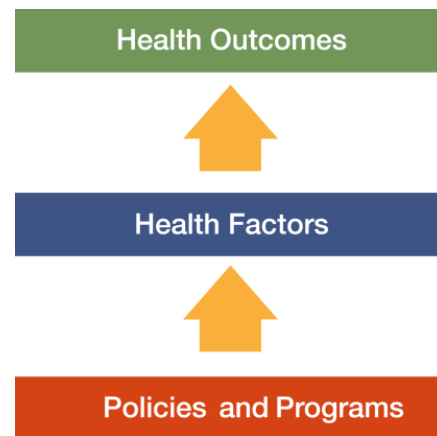
Where we live matters to our health. The health of a community depends on many different factors, including the environment, education and jobs, access to and quality of healthcare, and individual behaviors. We can improve a community's health by implementing effective policies and programs. For example, people who live in communities with smoke-free laws are less likely to smoke or to be exposed to second-hand smoke, which reduces lung cancer risk. In addition, people who live in communities with safe and accessible park and recreation space are more likely to exercise, which reduces heart disease risk.

However, health varies greatly across communities, with some places being much healthier than others. And, until now, there has been no standard method to illustrate what we know about what makes people sick or healthy or a central resource to identify what we can do to create healthier places to live, learn, work and play.

We know that much of what influences our health happens outside of the doctor's office – in our schools, workplaces and neighborhoods. The *County Health Rankings & Roadmaps* program provides information on the overall health of your community and provides the tools necessary to create community-based, evidence-informed solutions. Ranking the health of nearly every county across the nation, the *County Health Rankings* illustrate **what we know** when it comes to what is making communities sick or healthy. The *County Health Roadmaps* show **what we can do** to create healthier places to live, learn, work and play. The Robert Wood Johnson Foundation collaborates with the University of Wisconsin

Population Health Institute to bring this groundbreaking program to counties and states across the nation.

The *County Health Rankings & Roadmaps* program includes the *County Health Rankings* project, launched in 2010, and the newer *Roadmaps* project that mobilizes local communities, national partners and leaders across all sectors to improve health. The program is based on this model of population health improvement:



In this model, health outcomes are measures that describe the current health status of a county. These health outcomes are influenced by a set of health factors. Counties can improve health outcomes by addressing all health factors with effective, evidence-informed policies and programs.

Everyone has a stake in community health. We all need to work together to find solutions. The *County Health Rankings & Roadmaps* serve as both a call to action and a needed tool in this effort.

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## Guide to Our Web Site

To compile the *Rankings*, we selected measures that reflect important aspects of population health that can be improved and are available at the county level across the nation. Visit [www.countyhealthrankings.org](http://www.countyhealthrankings.org) to learn more.

To get started and see data, enter your county or state name in the search box. Click on the name of a county or measure to see more details. You can: Compare Counties; Download data for your state; Print one or more county

snapshots; or Share information with others via Facebook, Twitter, or Google+. To understand our methods, click on Learn about the Data and Methods. To learn about steps that you can take to improve health in your community, click on the *Roadmaps* tab. The *Roadmaps to Health Action Center* provides tools and resources to help groups working together to create healthier places. The Opportunities section provides information on funding, recognition, and partnership opportunities. The Connections section helps you learn what others are doing.

## County Health Roadmaps

The *Rankings* illustrate **what we know** when it comes to making people sick or healthy. The *County Health Rankings* confirm the critical role that factors such as education, jobs, income and the environment play in how healthy people are and how long we live.

This report introduces the *County Health Roadmaps*, a new partnership that mobilizes local communities, national partners and leaders across all sectors to improve health. The *County Health Roadmaps* show **what we can do** to create healthier places to live, learn, work and play. The Robert Wood Johnson Foundation collaborates with the University of Wisconsin Population Health Institute to bring this groundbreaking project to cities, counties and states across the nation.

The *Roadmaps* project includes grants to local coalitions and partnerships among policymakers, business, education, public health, health care, and community organizations; grants to national organizations working to improve health; recognition of communities whose promising efforts have led to better health; and customized technical assistance on strategies to improve health.

### Roadmaps to Health Community Grants

The *Roadmaps to Health Community Grants* provide funding for 2 years to state and local efforts among policymakers, business, education, healthcare, public health and community organizations working to create positive policy or systems changes that address the social and economic factors that influence the health of people in their community.

### Roadmaps to Health Partner Grants

The Robert Wood Johnson Foundation is awarding *Roadmaps to Health Partner Grants* to national organizations that are experienced at engaging local partners and leaders and are able to deliver high-quality training and technical assistance, and committed to making communities healthier places to live, learn, work and play. Partner grantees increase awareness about the *County Health Rankings & Roadmaps* to their members, affiliates and allies. The first Partner Grant was awarded to United Way Worldwide (UWW) in July 2011.

### Roadmaps to Health Prize

The Robert Wood Johnson Foundation and the University of Wisconsin Population Health Institute will award *Roadmaps to Health Prizes* of \$25,000 to up to six communities that are working to become healthier places to live, learn, work and play. The *Roadmaps to Health Prize* is intended not only to honor successful efforts, but also to inspire and stimulate similar activities in other U.S. communities.



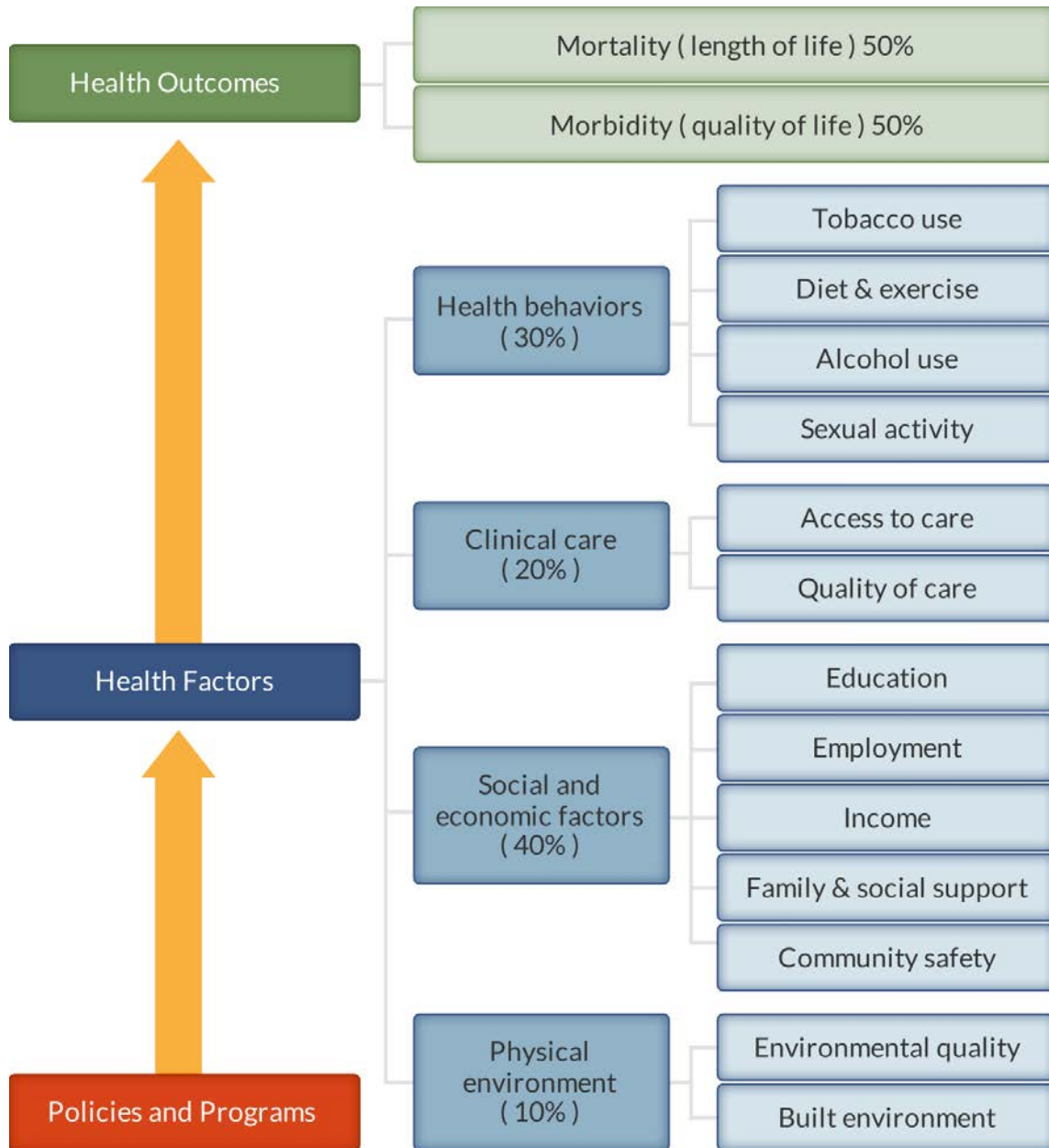
### Roadmaps to Health Action Center

The *Roadmaps to Health Action Center*, based at the University of Wisconsin Population Health Institute, provides tools and resources to help groups working to make their communities healthier places. The new Action Center will provide guidance on developing strategies and advocacy efforts to advance pro-health policies, offer opportunities for ongoing learning, and in the summer of 2012, host a searchable database of evidence-informed policies and programs focused on health improvement. Experts provide customized consultation to local communities who have demonstrated the willingness and capacity to address factors that we know influence how healthy a person is, such as education, income and family connectedness.

## County Health Rankings

The 2012 *County Health Rankings* report ranks Ohio counties according to their summary measures of **health outcomes** and **health factors**. Counties also receive a rank for mortality, morbidity, health behaviors, clinical care, social and economic factors, and the physical environment. The figure below depicts the structure of the *Rankings* model; those having high ranks (e.g., 1 or 2) are estimated to be the “healthiest.”

Our summary **health outcomes** rankings are based on an equal weighting of mortality and morbidity measures. The summary **health factors** rankings are based on weighted scores of four types of factors: behavioral, clinical, social and economic, and environmental. The weights for the factors (shown in parentheses in the figure) are based upon a review of the literature and expert input, but represent just one way of combining these factors.

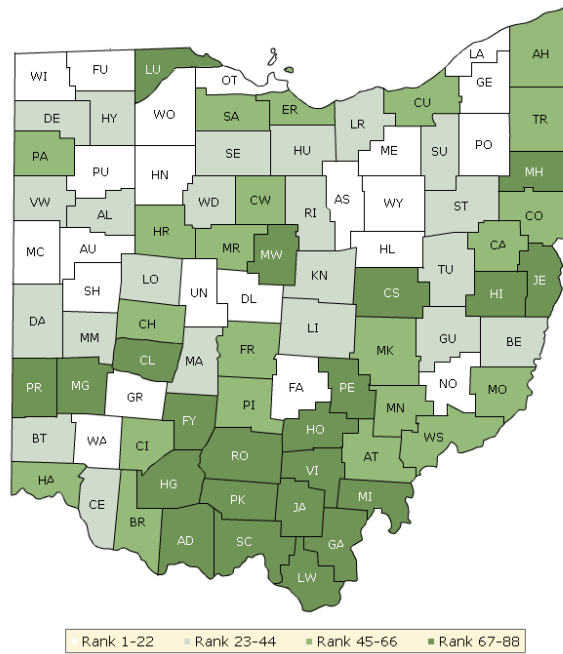


County Health Rankings model ©2012 UWPHI

The maps on this page and the next display Ohio's counties divided into groups by health rank. Maps help locate the healthiest and least healthy counties in the state. The lighter colors indicate better

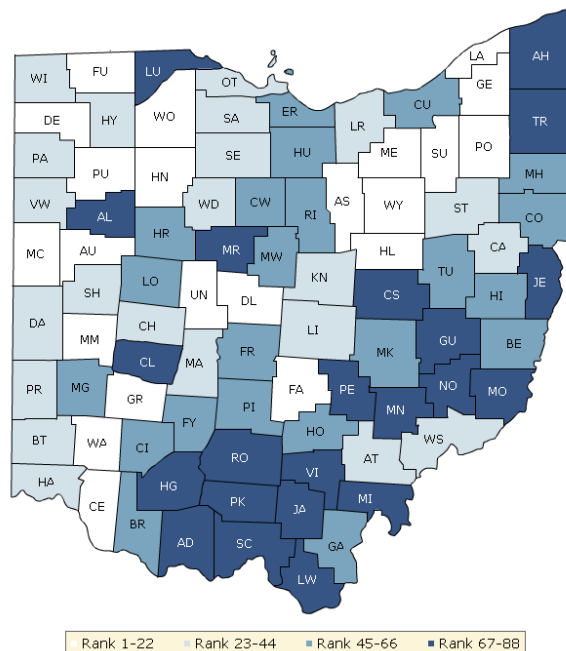
performance in the respective summary rankings. The green map shows the distribution of summary health outcomes. The blue displays the distribution of the summary rank for health factors.

### HEALTH OUTCOMES



County	Rank	County	Rank	County	Rank	County	Rank
Adams	83	Fairfield	16	Licking	33	Portage	20
Allen	42	Fayette	80	Logan	37	Preble	68
Ashland	19	Franklin	60	Lorain	28	Putnam	4
Ashtabula	59	Fulton	12	Lucas	72	Richland	44
Athens	58	Gallia	84	Madison	38	Ross	78
Auglaize	10	Geauga	2	Mahoning	75	Sandusky	49
Belmont	43	Greene	11	Marion	63	Scioto	87
Brown	62	Guernsey	35	Medina	3	Seneca	23
Butler	39	Hamilton	61	Meigs	85	Shelby	18
Carroll	45	Hancock	8	Mercer	6	Stark	41
Champaign	52	Hardin	57	Miami	31	Summit	40
Clark	71	Harrison	82	Monroe	54	Trumbull	66
Clermont	34	Henry	24	Montgomery	70	Tuscarawas	30
Clinton	64	Highland	76	Morgan	47	Union	21
Columbiana	50	Hocking	69	Morrow	74	Van Wert	27
Coshocton	73	Holmes	5	Muskingum	56	Vinton	81
Crawford	51	Huron	36	Noble	17	Warren	7
Cuyahoga	65	Jackson	86	Ottawa	15	Washington	46
Darke	29	Jefferson	77	Paulding	48	Wayne	14
Defiance	25	Knox	26	Perry	67	Williams	22
Delaware	1	Lake	13	Pickaway	53	Wood	9
Erie	55	Lawrence	88	Pike	79	Wyandot	32

### HEALTH FACTORS



County	Rank	County	Rank	County	Rank	County	Rank
Adams	84	Fairfield	10	Licking	23	Portage	21
Allen	75	Fayette	57	Logan	50	Preble	43
Ashland	13	Franklin	49	Lorain	33	Putnam	12
Ashtabula	74	Fulton	19	Lucas	81	Richland	58
Athens	35	Gallia	61	Madison	28	Ross	77
Auglaize	11	Geauga	2	Mahoning	45	Sandusky	41
Belmont	62	Greene	7	Marion	79	Scioto	88
Brown	65	Guernsey	70	Medina	4	Seneca	31
Butler	39	Hamilton	42	Meigs	85	Shelby	36
Carroll	44	Hancock	6	Mercer	8	Stark	34
Champaign	32	Hardin	54	Miami	16	Summit	22
Clark	69	Harrison	66	Monroe	72	Trumbull	68
Clermont	17	Henry	27	Montgomery	46	Tuscarawas	48
Clinton	55	Highland	78	Morgan	73	Union	9
Columbiana	63	Hocking	52	Morrow	56	Van Wert	26
Coshocton	67	Holmes	20	Muskingum	59	Vinton	82
Crawford	64	Huron	60	Noble	76	Warren	3
Cuyahoga	53	Jackson	80	Ottawa	29	Washington	40
Darke	25	Jefferson	83	Paulding	38	Wayne	18
Defiance	15	Knox	30	Perry	71	Williams	37
Delaware	1	Lake	14	Pickaway	47	Wood	5
Erie	51	Lawrence	87	Pike	86	Wyandot	24

## Summary Health Outcomes & Health Factors Rankings

Counties receive two summary ranks:

- Health Outcomes
- Health Factors

Each of these ranks represents a weighted summary of a number of measures.

Health outcomes represent how healthy a county is while health factors represent what influences the health of the county.

Rank	Health Outcomes	Rank	Health Factors
1	Delaware	1	Delaware
2	Geauga	2	Geauga
3	Medina	3	Warren
4	Putnam	4	Medina
5	Holmes	5	Wood
6	Mercer	6	Hancock
7	Warren	7	Greene
8	Hancock	8	Mercer
9	Wood	9	Union
10	Auglaize	10	Fairfield
11	Greene	11	Auglaize
12	Fulton	12	Putnam
13	Lake	13	Ashland
14	Wayne	14	Lake
15	Ottawa	15	Defiance
16	Fairfield	16	Miami
17	Noble	17	Clermont
18	Shelby	18	Wayne
19	Ashland	19	Fulton
20	Portage	20	Holmes
21	Union	21	Portage
22	Williams	22	Summit
23	Seneca	23	Licking
24	Henry	24	Wyandot
25	Defiance	25	Darke
26	Knox	26	Van Wert
27	Van Wert	27	Henry
28	Lorain	28	Madison
29	Darke	29	Ottawa
30	Tuscarawas	30	Knox
31	Miami	31	Seneca
32	Wyandot	32	Champaign
33	Licking	33	Lorain
34	Clermont	34	Stark
35	Guernsey	35	Athens
36	Huron	36	Shelby
37	Logan	37	Williams
38	Madison	38	Paulding
39	Butler	39	Butler
40	Summit	40	Washington
41	Stark	41	Sandusky
42	Allen	42	Hamilton



Rank	Health Outcomes	Rank	Health Factors
43	Belmont	43	Preble
44	Richland	44	Carroll
45	Carroll	45	Mahoning
46	Washington	46	Montgomery
47	Morgan	47	Pickaway
48	Paulding	48	Tuscarawas
49	Sandusky	49	Franklin
50	Columbiana	50	Logan
51	Crawford	51	Erie
52	Champaign	52	Hocking
53	Pickaway	53	Cuyahoga
54	Monroe	54	Hardin
55	Erie	55	Clinton
56	Muskingum	56	Morrow
57	Hardin	57	Fayette
58	Athens	58	Richland
59	Ashtabula	59	Muskingum
60	Franklin	60	Huron
61	Hamilton	61	Gallia
62	Brown	62	Belmont
63	Marion	63	Columbiana
64	Clinton	64	Crawford
65	Cuyahoga	65	Brown
66	Trumbull	66	Harrison
67	Perry	67	Coshocton
68	Preble	68	Trumbull
69	Hocking	69	Clark
70	Montgomery	70	Guernsey
71	Clark	71	Perry
72	Lucas	72	Monroe
73	Coshocton	73	Morgan
74	Morrow	74	Ashtabula
75	Mahoning	75	Allen
76	Highland	76	Noble
77	Jefferson	77	Ross
78	Ross	78	Highland
79	Pike	79	Marion
80	Fayette	80	Jackson
81	Vinton	81	Lucas
82	Harrison	82	Vinton
83	Adams	83	Jefferson
84	Gallia	84	Adams
85	Meigs	85	Meigs
86	Jackson	86	Pike
87	Scioto	87	Lawrence
88	Lawrence	88	Scioto

## 2012 County Health Rankings: Measures, Data Sources, and Years of Data

	Measure	Data Source	Years of Data
<b>HEALTH OUTCOMES</b>			
<b>Mortality</b>	Premature death	National Center for Health Statistics	2006-2008
<b>Morbidity</b>	Poor or fair health	Behavioral Risk Factor Surveillance System	2004-2010
	Poor physical health days	Behavioral Risk Factor Surveillance System	2004-2010
	Poor mental health days	Behavioral Risk Factor Surveillance System	2004-2010
	Low birthweight	National Center for Health Statistics	2002-2008
<b>HEALTH FACTORS</b>			
<b>HEALTH BEHAVIORS</b>			
<b>Tobacco Use</b>	Adult smoking	Behavioral Risk Factor Surveillance System	2004-2010
<b>Diet and Exercise</b>	Adult obesity	National Center for Chronic Disease Prevention and Health Promotion	2009
	Physical inactivity	National Center for Chronic Disease Prevention and Health Promotion	2009
<b>Alcohol Use</b>	Excessive drinking	Behavioral Risk Factor Surveillance System	2004-2010
	Motor vehicle crash death rate	National Center for Health Statistics	2002-2008
<b>Sexual Activity</b>	Sexually transmitted infections	National Center for Hepatitis, HIV, STD and TB Prevention	2009
	Teen birth rate	National Center for Health Statistics	2002-2008
<b>CLINICAL CARE</b>			
<b>Access to Care</b>	Uninsured	Small Area Health Insurance Estimates	2009
	Primary care physicians	Health Resources & Services Administration	2009
<b>Quality of Care</b>	Preventable hospital stays	Medicare/Dartmouth Institute	2009
	Diabetic screening	Medicare/Dartmouth Institute	2009
	Mammography screening	Medicare/Dartmouth Institute	2009
<b>SOCIAL AND ECONOMIC FACTORS</b>			
<b>Education</b>	High school graduation	National Center for Education Statistics and state-specific sources <sup>1</sup>	2008-2010
	Some college	American Community Survey	2006-2010
<b>Employment</b>	Unemployment	Bureau of Labor Statistics	2010
<b>Income</b>	Children in poverty	Small Area Income and Poverty Estimates	2010
<b>Family and Social Support</b>	Inadequate social support	Behavioral Risk Factor Surveillance System	2006-2010
	Children in single-parent households	American Community Survey	2006-2010
<b>Community Safety</b>	Violent crime rate <sup>2</sup>	Federal Bureau of Investigation	2007-2009
<b>PHYSICAL ENVIRONMENT</b>			
<b>Environmental Quality</b> <sup>3</sup>	Air pollution-particulate matter days	U.S. Environmental Protection Agency	2007
	Air pollution-ozone days	U.S. Environmental Protection Agency	2007
<b>Built Environment</b>	Access to recreational facilities	Census County Business Patterns	2009
	Limited access to healthy foods <sup>4</sup>	U.S. Department of Agriculture	2006
	Fast food restaurants	Census County Business Patterns	2009

<sup>1</sup> NCES used for AK, AL, AR, CA, CT, FL, HI, ID, KY, MT, ND, NJ, OK, SD and TN

<sup>2</sup> State data source for IL.

<sup>3</sup> Not available for AK and HI.

<sup>4</sup> Access to Healthy Foods (2009) from Census Zip Code Business Patterns for AK and HI.

CREDITS

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