



County Health Rankings & Roadmaps

A Healthier Nation, County by County

2013 *Rankings* **Indiana**



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.

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 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. You can also take advantage of the Using the *Rankings* Data guide to help you explore the data and figure out more about what is driving your community's health. To learn about what you can do to improve health in your community, visit the *Roadmaps to Health* Action Center. Finally, you can learn what others are doing by reading Communities Stories and visiting the Project Showcase.

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.

The *County Health Roadmaps* 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 (RWJF) collaborates with the University of Wisconsin Population Health Institute (UWPHI) 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 guidance on strategies to improve health.

Roadmaps to Health Community Grants

The *Roadmaps to Health* Community Grants provide funding for 2 years to thirty 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

RWJF 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. As of February 2013, RWJF has awarded partner grants to United Way Worldwide, National Business Coalition on Health, and National Association of Counties.

RWJF Roadmaps to Health Prize

In February 2013, RWJF awarded the first *RWJF Roadmaps to Health* Prizes of \$25,000 to six communities that are working to become healthier places to live, learn, work and play. The *RWJF 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.



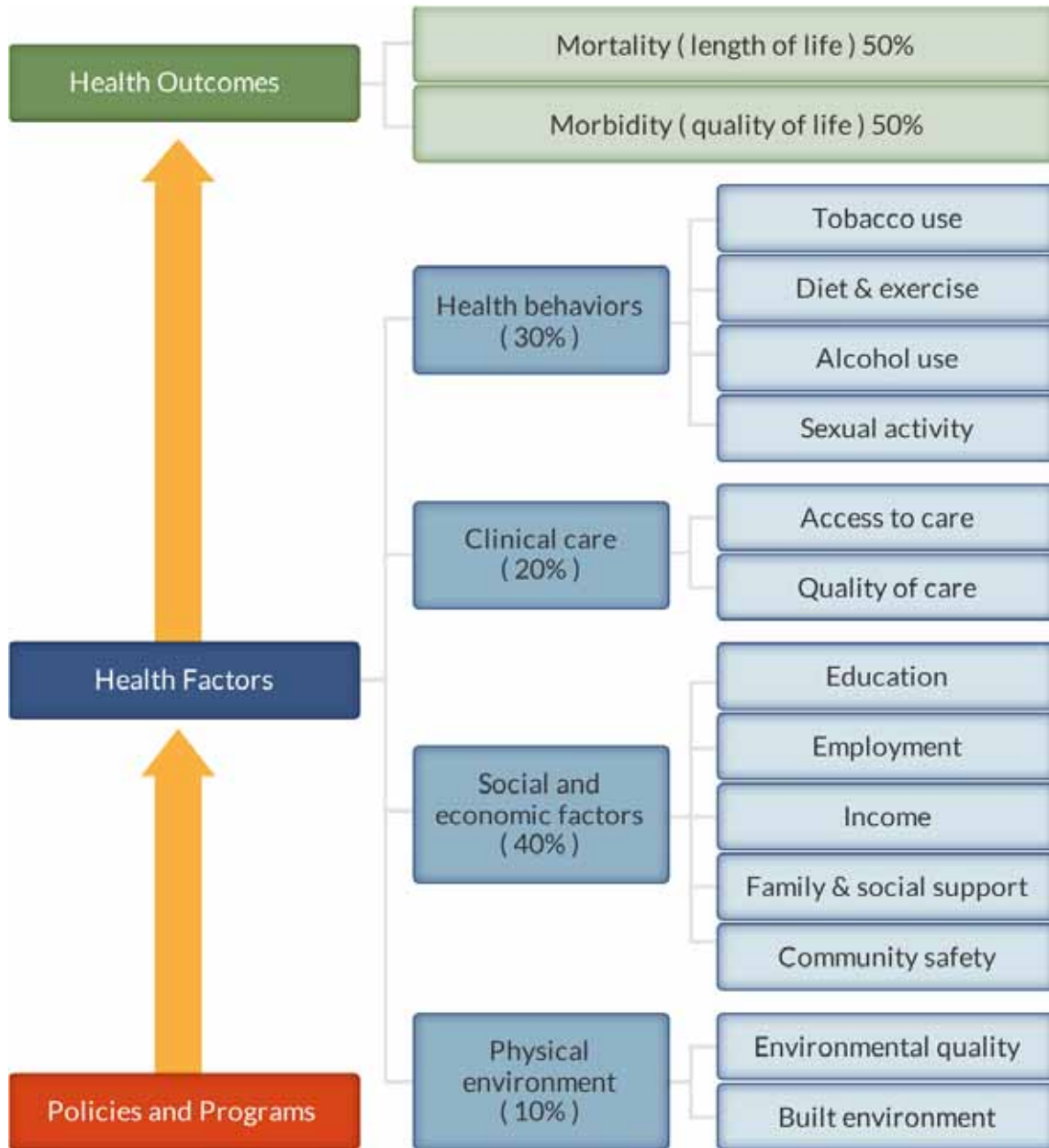
Roadmaps to Health Action Center

The *Roadmaps to Health* Action Center, based at UWPHI, provides tools and guidance to help groups working to make their communities healthier places. The Action Center website provides guidance on developing strategies and advocacy efforts to advance pro-health policies, opportunities for ongoing learning, and a searchable database of evidence-informed policies and programs focused on health improvement: *What Works for Health*. Action Center staff provide customized consultation via email and telephone to those seeking more information about how to improve health. Coaching, including possible on-site visits, is also available for 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 2013 *County Health Rankings* report ranks Indiana 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.

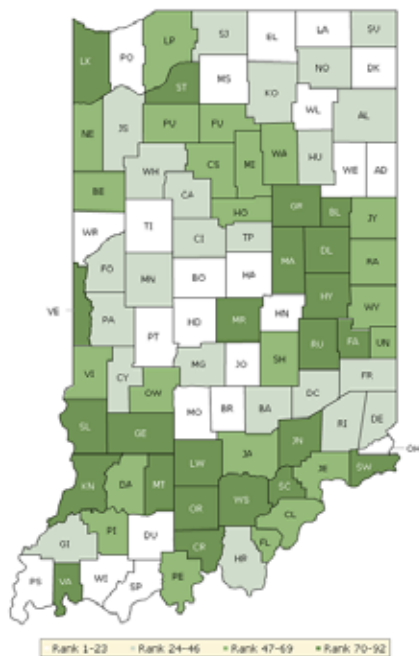


County Health Rankings model ©2012 UWPHI

The maps on this page and the next display Indiana’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	21	Franklin	32	Lawrence	83	Rush	74
Allen	40	Fulton	57	Madison	80	Scott	92
Bartholomew	33	Gibson	41	Marion	79	Shelby	61
Benton	52	Grant	76	Marshall	22	Spencer	16
Blackford	89	Greene	70	Martin	71	St. Joseph	43
Boone	3	Hamilton	1	Miami	49	Starke	88
Brown	7	Hancock	19	Monroe	11	Steuben	31
Carroll	37	Harrison	25	Montgomery	45	Sullivan	85
Cass	55	Hendricks	2	Morgan	39	Switzerland	75
Clark	56	Henry	73	Newton	50	Tippecanoe	8
Clay	29	Howard	68	Noble	28	Tipton	46
Clinton	34	Huntington	26	Ohio	23	Union	51
Crawford	91	Jackson	63	Orange	86	Vanderburgh	72
Daviess	58	Jasper	42	Owen	48	Vermillion	84
Dearborn	30	Jay	47	Parke	44	Vigo	65
Decatur	38	Jefferson	53	Perry	62	Wabash	66
DeKalb	17	Jennings	87	Pike	64	Warren	12
Delaware	82	Johnson	15	Porter	20	Warrick	18
Dubois	4	Knox	78	Posey	13	Washington	77
Elkhart	14	Kosciusko	27	Pulaski	67	Wayne	59
Fayette	90	LaGrange	5	Putnam	10	Wells	6
Floyd	60	Lake	81	Randolph	54	White	36
Fountain	35	LaPorte	69	Ripley	24	Whitley	9

HEALTH FACTORS



County	Rank	County	Rank	County	Rank	County	Rank
Adams	46	Franklin	31	Lawrence	59	Rush	33
Allen	39	Fulton	44	Madison	86	Scott	92
Bartholomew	19	Gibson	20	Marion	87	Shelby	63
Benton	32	Grant	69	Marshall	26	Spencer	9
Blackford	83	Greene	53	Martin	24	St. Joseph	49
Boone	2	Hamilton	1	Miami	79	Starke	90
Brown	13	Hancock	5	Monroe	7	Steuben	47
Carroll	18	Harrison	14	Montgomery	48	Sullivan	78
Cass	67	Hendricks	3	Morgan	37	Switzerland	81
Clark	56	Henry	58	Newton	68	Tippecanoe	8
Clay	80	Howard	62	Noble	70	Tipton	16
Clinton	38	Huntington	51	Ohio	25	Union	60
Crawford	88	Jackson	43	Orange	75	Vanderburgh	28
Daviess	45	Jasper	30	Owen	84	Vermillion	77
Dearborn	34	Jay	57	Parke	64	Vigo	72
Decatur	42	Jefferson	71	Perry	61	Wabash	35
DeKalb	22	Jennings	89	Pike	21	Warren	17
Delaware	55	Johnson	10	Porter	12	Warrick	6
Dubois	4	Knox	76	Posey	23	Washington	73
Elkhart	65	Kosciusko	27	Pulaski	36	Wayne	82
Fayette	91	LaGrange	52	Putnam	40	Wells	11
Floyd	29	Lake	85	Randolph	74	White	41
Fountain	54	LaPorte	66	Ripley	50	Whitley	15

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	Hamilton	1	Hamilton
2	Hendricks	2	Boone
3	Boone	3	Hendricks
4	Dubois	4	Dubois
5	LaGrange	5	Hancock
6	Wells	6	Warrick
7	Brown	7	Monroe
8	Tippecanoe	8	Tippecanoe
9	Whitley	9	Spencer
10	Putnam	10	Johnson
11	Monroe	11	Wells
12	Warren	12	Porter
13	Posey	13	Brown
14	Elkhart	14	Harrison
15	Johnson	15	Whitley
16	Spencer	16	Tipton
17	DeKalb	17	Warren
18	Warrick	18	Carroll
19	Hancock	19	Bartholomew
20	Porter	20	Gibson
21	Adams	21	Pike
22	Marshall	22	DeKalb
23	Ohio	23	Posey
24	Ripley	24	Martin
25	Harrison	25	Ohio
26	Huntington	26	Marshall
27	Kosciusko	27	Kosciusko
28	Noble	28	Vanderburgh
29	Clay	29	Floyd
30	Dearborn	30	Jasper
31	Steuben	31	Franklin
32	Franklin	32	Benton
33	Bartholomew	33	Rush
34	Clinton	34	Dearborn
35	Fountain	35	Wabash
36	White	36	Pulaski
37	Carroll	37	Morgan
38	Decatur	38	Clinton
39	Morgan	39	Allen
40	Allen	40	Putnam
41	Gibson	41	White
42	Jasper	42	Decatur

Rank	Health Outcomes	Rank	Health Factors
43	St. Joseph	43	Jackson
44	Parke	44	Fulton
45	Montgomery	45	Daviess
46	Tipton	46	Adams
47	Jay	47	Steuben
48	Owen	48	Montgomery
49	Miami	49	St. Joseph
50	Newton	50	Ripley
51	Union	51	Huntington
52	Benton	52	LaGrange
53	Jefferson	53	Greene
54	Randolph	54	Fountain
55	Cass	55	Delaware
56	Clark	56	Clark
57	Fulton	57	Jay
58	Daviess	58	Henry
59	Wayne	59	Lawrence
60	Floyd	60	Union
61	Shelby	61	Perry
62	Perry	62	Howard
63	Jackson	63	Shelby
64	Pike	64	Parke
65	Vigo	65	Elkhart
66	Wabash	66	LaPorte
67	Pulaski	67	Cass
68	Howard	68	Newton
69	LaPorte	69	Grant
70	Greene	70	Noble
71	Martin	71	Jefferson
72	Vanderburgh	72	Vigo
73	Henry	73	Washington
74	Rush	74	Randolph
75	Switzerland	75	Orange
76	Grant	76	Knox
77	Washington	77	Vermillion
78	Knox	78	Sullivan
79	Marion	79	Miami
80	Madison	80	Clay
81	Lake	81	Switzerland
82	Delaware	82	Wayne
83	Lawrence	83	Blackford
84	Vermillion	84	Owen
85	Sullivan	85	Lake
86	Orange	86	Madison
87	Jennings	87	Marion
88	Starke	88	Crawford
89	Blackford	89	Jennings
90	Fayette	90	Starke
91	Crawford	91	Fayette
92	Scott	92	Scott

2013 County Health Rankings: Measures, Data Sources, and Years of Data

	Measure	Data Source	Years of Data
HEALTH OUTCOMES			
Mortality	Premature death	National Center for Health Statistics	2008-2010
Morbidity	Poor or fair health	Behavioral Risk Factor Surveillance System	2005-2011
	Poor physical health days	Behavioral Risk Factor Surveillance System	2005-2011
	Poor mental health days	Behavioral Risk Factor Surveillance System	2005-2011
	Low birthweight	National Center for Health Statistics	2004-2010
HEALTH FACTORS			
HEALTH BEHAVIORS			
Tobacco Use	Adult smoking	Behavioral Risk Factor Surveillance System	2005-2011
Diet and Exercise	Adult obesity	National Center for Chronic Disease Prevention and Health Promotion	2009
	Physical inactivity	National Center for Chronic Disease Prevention and Health Promotion	2009
Alcohol Use	Excessive drinking	Behavioral Risk Factor Surveillance System	2005-2011
	Motor vehicle crash death rate	National Center for Health Statistics	2004-2010
Sexual Activity	Sexually transmitted infections	National Center for HIV/AIDS, Viral Hepatitis, STD, and TB prevention	2010
	Teen birth rate	National Center for Health Statistics	2004-2010
CLINICAL CARE			
Access to Care	Uninsured	Small Area Health Insurance Estimates	2010
	Primary care physicians	HRSA Area Resource File	2011-2012
	Dentists	HRSA Area Resource File	2011-2012
Quality of Care	Preventable hospital stays	Medicare/Dartmouth Institute	2010
	Diabetic screening	Medicare/Dartmouth Institute	2010
	Mammography screening	Medicare/Dartmouth Institute	2010
SOCIAL AND ECONOMIC FACTORS			
Education	High school graduation	Primarily state-specific sources, supplemented with National Center for Education Statistics	State-specific
	Some college	American Community Survey	2007-2011
Employment	Unemployment	Bureau of Labor Statistics	2011
Income	Children in poverty	Small Area Income and Poverty Estimates	2011
Family and Social Support	Inadequate social support	Behavioral Risk Factor Surveillance System	2005-2010
	Children in single-parent households	American Community Survey	2007-2011
Community Safety	Violent crime rate	Federal Bureau of Investigation	2008-2010
PHYSICAL ENVIRONMENT			
Environmental Quality	Daily fine particulate matter ¹	CDC WONDER Environmental data	2008
	Drinking water safety	Safe Drinking Water Information System	FY 2012
Built Environment	Access to recreational facilities	Census County Business Patterns	2010
	Limited access to healthy foods	USDA Food Environment Atlas	2012
	Fast food restaurants	Census County Business Patterns	2010

¹ Not available for AK and HI.

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