

County Health Rankings & Roadmaps

Building a Culture of Health, County by County

A Robert Wood Johnson Foundation program

2016 *County Health Rankings*

Indiana



A collaboration between the Robert Wood Johnson Foundation and the University of Wisconsin Population Health Institute.



Support
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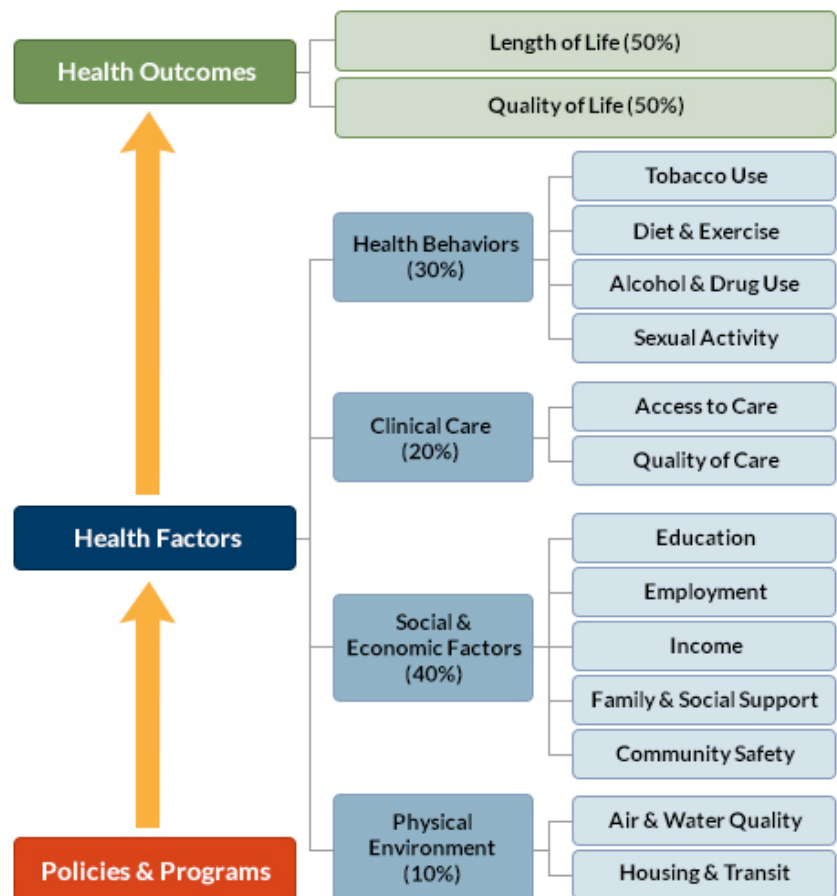


INTRODUCTION

The *County Health Rankings & Roadmaps* program brings actionable data and strategies to communities to make it easier for people to be healthy in their homes, schools, workplaces, and neighborhoods. Ranking the health of nearly every county in the nation, the *County Health Rankings* illustrate what we know when it comes to what is making people sick or healthy. The *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 program to cities, counties, and states across the nation.

WHAT ARE THE COUNTY HEALTH RANKINGS?

Published online at countyhealthrankings.org, the *Rankings* help counties understand what influences how healthy residents are and how long they will live. The *Rankings* are unique in their ability to measure the current overall health of nearly every county in all 50 states. They also look at a variety of measures that affect the future health of communities, such as high school graduation rates, access to healthy foods, rates of smoking, obesity, and teen births. Communities use the *Rankings* to help identify issues and opportunities for local health improvement, as well as to garner support for initiatives among government agencies, healthcare providers, community organizations, business leaders, policy makers, and the public.



DIGGING DEEPER INTO HEALTH DATA

Although we know that a range of factors are important for good health, every state has communities that lack both opportunities to shape good health and strong policies to promote health for everyone. Some counties lag far behind others in how well and how long people live – which we refer to as a “health gap.” Find out what’s driving health differences across your state and what can be done to close those gaps. Visit countyhealthrankings.org/reports.

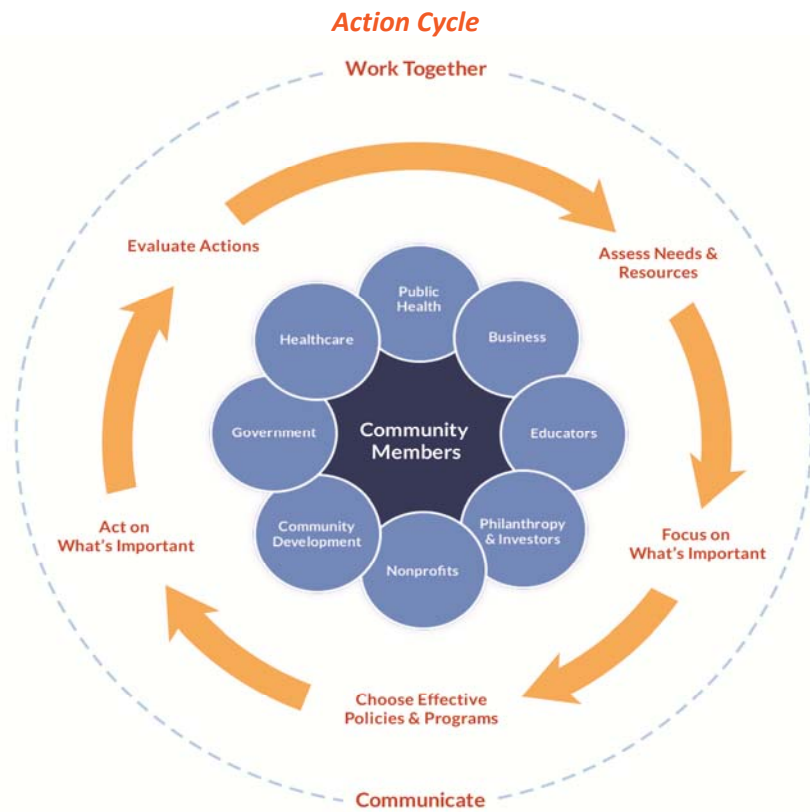
To further explore health gaps and other data sources in your community, check out the feature to [find more data](#) for your state and [dig deeper](#) on differences in health factors by geography or by population sub-groups. Visit countyhealthrankings.org/using-the-rankings-data.

MOVING FROM DATA TO ACTION

Roadmaps to Health help communities bring people together to look at the many factors that influence health and opportunities to reduce health gaps, select strategies that can improve health for all, and make changes that will have a lasting impact. The *Roadmaps* focus on helping communities move from *awareness* about their county's ranking to *actions* designed to improve everyone's health. The *Roadmaps to Health* Action Center is a one-stop shop of information to help any community member or leader who wants to improve their community's health by addressing factors that we know influence health, such as education, income, and community safety.

Within the Action Center you will find:

- Online step-by-step guidance and tools to move through the Action Cycle
- [What Works for Health](#) – a searchable database of evidence-informed policies and programs that can improve health
- Webinars featuring local community members who share their tips on how to build a healthier community
- Community coaches, located across the nation, who provide customized consultation to local leaders who request guidance in how to accelerate their efforts to improve health. You can contact a coach by activating the Get Help button at countyhealthrankings.org



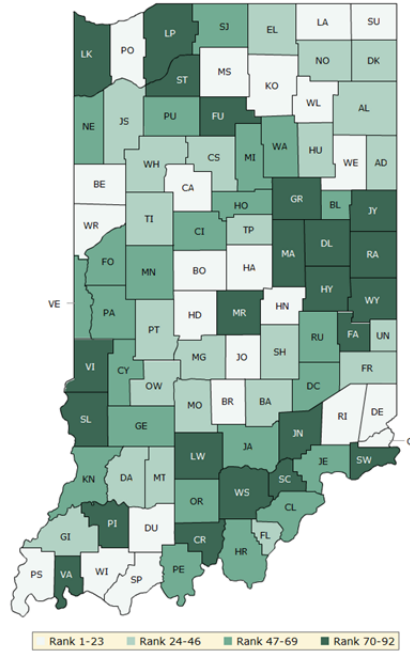
HOW CAN YOU GET INVOLVED?

You might want to contact your local affiliate of United Way Worldwide, the National Association of Counties, Local Initiatives Support Corporation (LISC), or Neighborworks— their national parent organizations have partnered with us to raise awareness and stimulate action to improve health in their local members' communities. By connecting with other leaders interested in improving health, you can make a difference in your community. In communities large and small, people from all walks of life are taking ownership and action to improve health. Visit countyhealthrankings.org to get ideas and guidance on how you can take action in your community. Working with others, you can improve the health of your community.

HOW DO COUNTIES RANK FOR HEALTH OUTCOMES?

The green map below shows the distribution of Indiana’s **health outcomes**, based on an equal weighting of length and quality of life.

Lighter shades indicate better performance in the respective summary rankings. Detailed information on the underlying measures is available at countyhealthrankings.org.

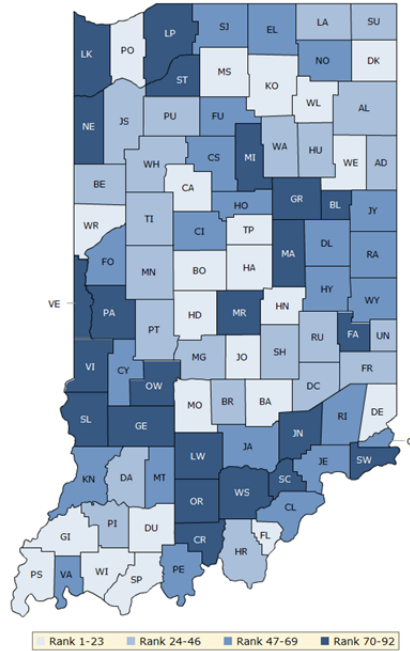


County	Rank	County	Rank	County	Rank	County	Rank
Adams	29	Franklin	26	Lawrence	84	Rush	59
Allen	39	Fulton	72	Madison	79	Scott	92
Bartholomew	33	Gibson	41	Marion	83	Shelby	27
Benton	19	Grant	89	Marshall	23	Spencer	20
Blackford	64	Greene	67	Martin	34	St. Joseph	55
Boone	3	Hamilton	1	Miami	62	Starke	90
Brown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

HOW DO COUNTIES RANK FOR HEALTH FACTORS?

The blue map displays Indiana’s summary ranks for **health factors**, based on weighted scores for health behaviors, clinical care, social and economic factors, and the physical environment.

Lighter shades indicate better performance in the respective summary rankings. Detailed information on the underlying measures is available at countyhealthrankings.org



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

2016 COUNTY HEALTH RANKINGS: MEASURES AND NATIONAL/STATE RESULTS

Measure	Description	US Median	State Overall	State Minimum	State Maximum
HEALTH OUTCOMES					
Premature death	Years of potential life lost before age 75 per 100,000 population	7,700	7,600	3,800	14,600
Poor or fair health	% of adults reporting fair or poor health	16%	19%	11%	21%
Poor physical health days	Average # of physically unhealthy days reported in past 30 days	3.7	4.1	2.5	4.2
Poor mental health days	Average # of mentally unhealthy days reported in past 30 days	3.7	4.3	3.1	4.5
Low birthweight	% of live births with low birthweight (< 2500 grams)	8%	8%	5%	10%
HEALTH FACTORS					
HEALTH BEHAVIORS					
Adult smoking	% of adults who are current smokers	18%	23%	13%	24%
Adult obesity	% of adults that report a BMI ≥ 30	31%	31%	21%	39%
Food environment index	Index of factors that contribute to a healthy food environment, (0-10)	7.2	7.2	6.2	8.6
Physical inactivity	% of adults aged 20 and over reporting no leisure-time physical activity	28%	28%	19%	36%
Access to exercise opportunities	% of population with adequate access to locations for physical activity	62%	75%	13%	92%
Excessive drinking	% of adults reporting binge or heavy drinking	17%	16%	13%	18%
Alcohol-impaired driving deaths	% of driving deaths with alcohol involvement	31%	25%	0%	53%
Sexually transmitted infections	# of newly diagnosed chlamydia cases per 100,000 population	287.7	428.7	74.6	1,010.0
Teen births	# of births per 1,000 female population ages 15-19	40	37	12	61
CLINICAL CARE					
Uninsured	% of population under age 65 without health insurance	17%	16%	10%	26%
Primary care physicians	Ratio of population to primary care physicians	1,990:1	1,490:1	14,090:1	500:1
Dentists	Ratio of population to dentists	2,590:1	1,930:1	12,620:1	1,250:1
Mental health providers	Ratio of population to mental health providers	1,060:1	710:1	14,160:1	210:1
Preventable hospital stays	# of hospital stays for ambulatory-care sensitive conditions per 1,000 Medicare enrollees	60	63	27	104
Diabetic monitoring	% of diabetic Medicare enrollees ages 65-75 that receive HbA1c monitoring	85%	84%	30%	91%
Mammography screening	% of female Medicare enrollees ages 67-69 that receive mammography screening	61%	62%	42%	71%
SOCIAL AND ECONOMIC FACTORS					
High school graduation	% of ninth-grade cohort that graduates in four years	86%	87%	76%	98%
Some college	% of adults ages 25-44 with some post-secondary education	56%	61%	28%	86%
Unemployment	% of population aged 16 and older unemployed but seeking work	6.0%	6.0%	4.1%	8.7%
Children in poverty	% of children under age 18 in poverty	23%	21%	6%	35%
Income inequality	Ratio of household income at the 80th percentile to income at the 20th percentile	4.4	4.4	3.3	6.4
Children in single-parent households	% of children that live in a household headed by a single parent	32%	34%	12%	47%
Social associations	# of membership associations per 10,000 population	13.0	12.6	7.4	23.2
Violent crime	# of reported violent crime offenses per 100,000 population	199	334	14	1,124
Injury deaths	# of deaths due to injury per 100,000 population	74	63	32	124
PHYSICAL ENVIRONMENT					
Air pollution – particulate matter	Average daily density of fine particulate matter in micrograms per cubic meter (PM2.5)	11.9	13.5	13.0	14.2
Drinking water violations	Indicator of the presence of health-related drinking water violations. Yes - indicates the presence of a violation, No - indicates no violation.	NA	NA	No	Yes
Severe housing problems	% of households with overcrowding, high housing costs, or lack of kitchen or plumbing facilities	14%	14%	7%	24%
Driving alone to work	% of workforce that drives alone to work	80%	83%	52%	90%
Long commute – driving alone	Among workers who commute in their car alone, % commuting > 30 minutes	29%	30%	13%	56%

2016 COUNTY HEALTH RANKINGS: DATA SOURCES AND YEARS OF DATA

	Measure	Data Source	Years of Data
HEALTH OUTCOMES			
Length of Life	Premature death	National Center for Health Statistics – Mortality files	2011-2013
Quality of Life	Poor or fair health	Behavioral Risk Factor Surveillance System	2014
	Poor physical health days	Behavioral Risk Factor Surveillance System	2014
	Poor mental health days	Behavioral Risk Factor Surveillance System	2014
	Low birthweight	National Center for Health Statistics – Natality files	2007-2013
HEALTH FACTORS			
HEALTH BEHAVIORS			
Tobacco Use	Adult smoking	Behavioral Risk Factor Surveillance System	2014
Diet and Exercise	Adult obesity	CDC Diabetes Interactive Atlas	2012
	Food environment index	USDA Food Environment Atlas, Map the Meal Gap	2013
	Physical inactivity	CDC Diabetes Interactive Atlas	2012
	Access to exercise opportunities	Business Analyst, Delorme map data, ESRI, & US Census Tigerline Files	2010 & 2014
Alcohol and Drug Use	Excessive drinking	Behavioral Risk Factor Surveillance System	2014
	Alcohol-impaired driving deaths	Fatality Analysis Reporting System	2010-2014
Sexual Activity	Sexually transmitted infections	National Center for HIV/AIDS, Viral Hepatitis, STD, and TB Prevention	2013
	Teen births	National Center for Health Statistics - Natality files	2007-2013
CLINICAL CARE			
Access to Care	Uninsured	Small Area Health Insurance Estimates	2013
	Primary care physicians	Area Health Resource File/American Medical Association	2013
	Dentists	Area Health Resource File/National Provider Identification file	2014
	Mental health providers	CMS, National Provider Identification file	2015
Quality of Care	Preventable hospital stays	Dartmouth Atlas of Health Care	2013
	Diabetic monitoring	Dartmouth Atlas of Health Care	2013
	Mammography screening	Dartmouth Atlas of Health Care	2013
SOCIAL AND ECONOMIC FACTORS			
Education	High school graduation	EDFacts	2012-2013
	Some college	American Community Survey	2010-2014
Employment	Unemployment	Bureau of Labor Statistics	2014
Income	Children in poverty	Small Area Income and Poverty Estimates	2014
	Income inequality	American Community Survey	2010-2014
Family and Social Support	Children in single-parent households	American Community Survey	2010-2014
	Social associations	County Business Patterns	2013
Community Safety	Violent crime	Uniform Crime Reporting – FBI	2010-2012
	Injury deaths	CDC WONDER mortality data	2009-2013
PHYSICAL ENVIRONMENT			
Air and Water Quality	Air pollution - particulate matter ¹	CDC WONDER environmental data	2011
	Drinking water violations	Safe Drinking Water Information System	FY2013-14
Housing and Transit	Severe housing problems	Comprehensive Housing Affordability Strategy (CHAS) data	2008-2012
	Driving alone to work	American Community Survey	2010-2014
	Long commute – driving alone	American Community Survey	2010-2014

¹ Not available for AK and HI.

CREDITS

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