

County Health Rankings & Roadmaps

Building a Culture of Health, County by County

A Robert Wood Johnson Foundation program

2014 *Rankings* Oklahoma



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



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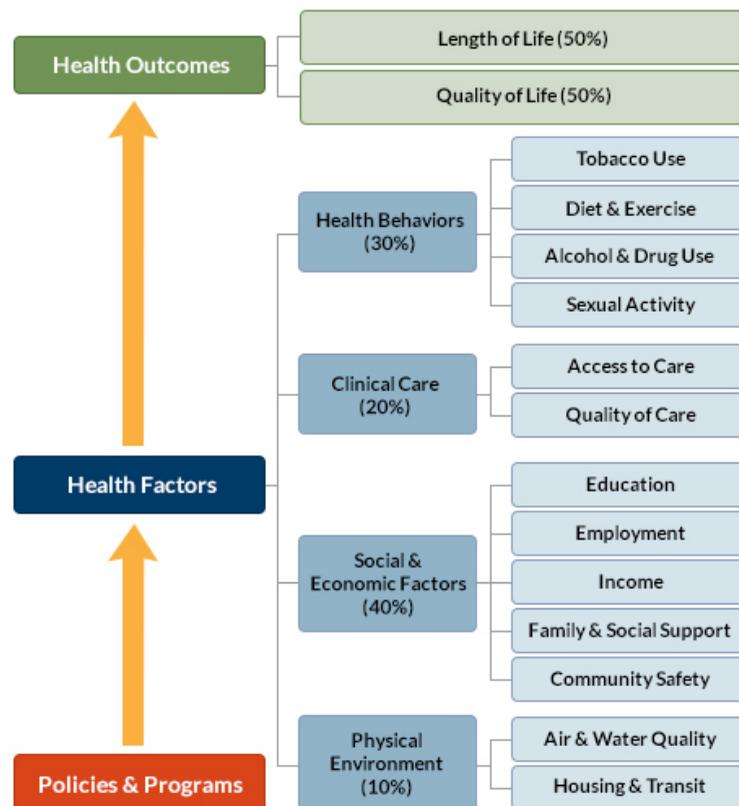
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INTRODUCTION

The *County Health Rankings & Roadmaps* program helps communities identify and implement solutions that make it easier for people to be healthy in their 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?

The *County Health Rankings* measure the health of nearly every county in the nation. Published online at countyhealthrankings.org, the *Rankings* help counties understand what influences how healthy residents are and how long they will live. The *Rankings* look at a variety of measures that affect health, such as high school graduation rates, access to healthy foods, rates of smoking, obesity, and teen births. Based on data available for each county, the *Rankings* are unique in their ability to measure the overall health of each county in all 50 states. They have been used to garner support for local health improvement initiatives among government agencies, healthcare providers, community organizations, business leaders, policy makers, and the public.



HOW ARE PEOPLE USING THE RANKINGS?

- Ø Highlighting community success
- Ø Identifying root causes of poor health
- Ø Supporting policy change
- Ø Engaging communities in health improvement

For more information, visit countyhealthrankings.org

WHAT ARE THE ROADMAPS TO HEALTH?

The *Roadmaps to Health* help communities bring people together to look at the many factors that influence health, select strategies that work, and make changes that will have a lasting impact. The *Roadmaps* focus on helping communities determine what they can do and what they can learn from others.

What You Can Do

The *Roadmaps to Health* Action Center provides step-by-step guides, tools, and webinars to help groups working to improve the health of their communities. Community Coaches also provide customized consultation to local communities that have demonstrated a willingness to address factors that we know influence health, such as education, income, and community safety.

The Action Center also features *What Works for Health* – a searchable database of evidence-informed policies and programs that can improve health.

Learning From Others

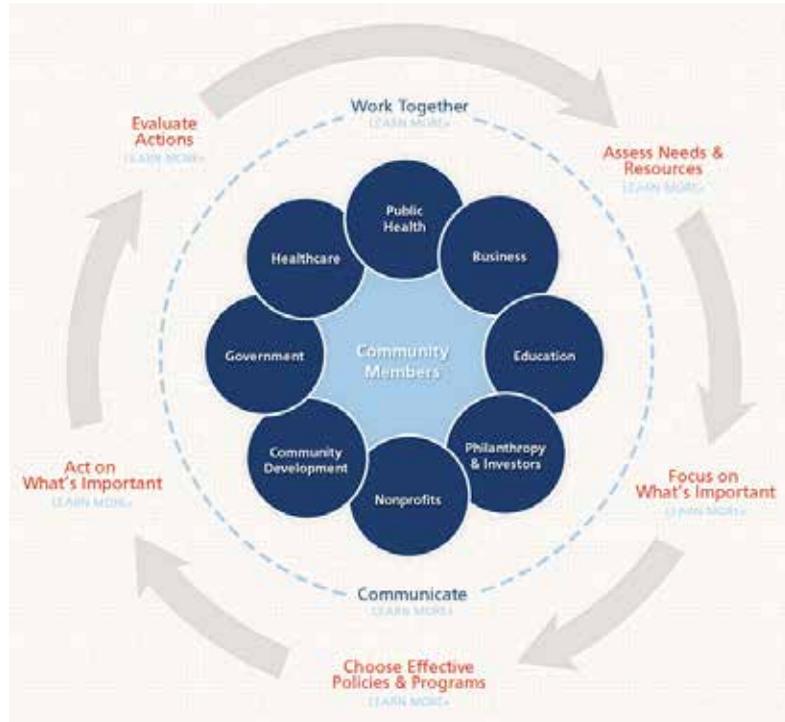
Honoring the efforts of communities working at the forefront of health improvement, the Robert Wood

Johnson Foundation annually awards the *RWJF Culture of Health Prize* to outstanding communities that are working toward better health. The *Prize* recognizes communities with strong and diverse partnerships that are coming together with a shared vision and commitment to address multiple factors that affect health and make lasting changes that create a culture of health for all. Visit countyhealthrankings.org or rwjf.org/prize to learn about the work of past prize winners.

At countyhealthrankings.org, we also feature stories from communities across the nation who have used data from the *County Health Rankings* or have engaged in strategies to improve health. For example, you can learn from the successes and challenges of the 30 *Roadmaps to Health* Community Grantees. These grantees are working to create positive policy or systems changes that address social and economic factors that influence how healthy people are and how long they live, such as education and community safety. You might also want to contact your local affiliate of United Way Worldwide, the National Business Coalition on Health, or the National Association of Counties - their national parent organizations have partnered with us to raise awareness and stimulate action to improve health in their local members' communities.

How can you get involved?

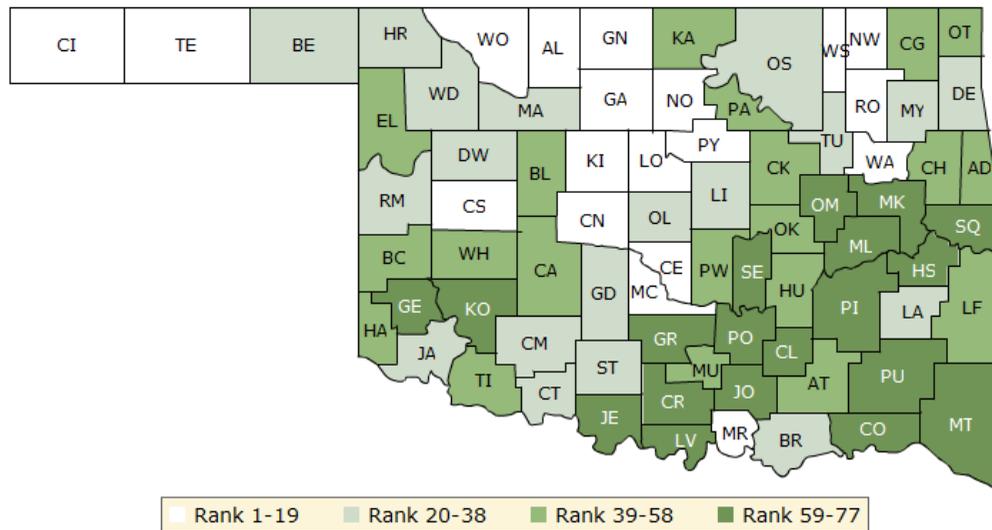
In communities large and small, people from all walks of life are taking ownership and action to improve health. Visit countyhealthrankings.org to get ideas and guidance on how you can take action in your community. Working with others, you can improve the health of your community.



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

Lighter colors indicate better performance in the respective summary rankings. Detailed information on the underlying measures is available on our web site.

HEALTH OUTCOMES RANKS

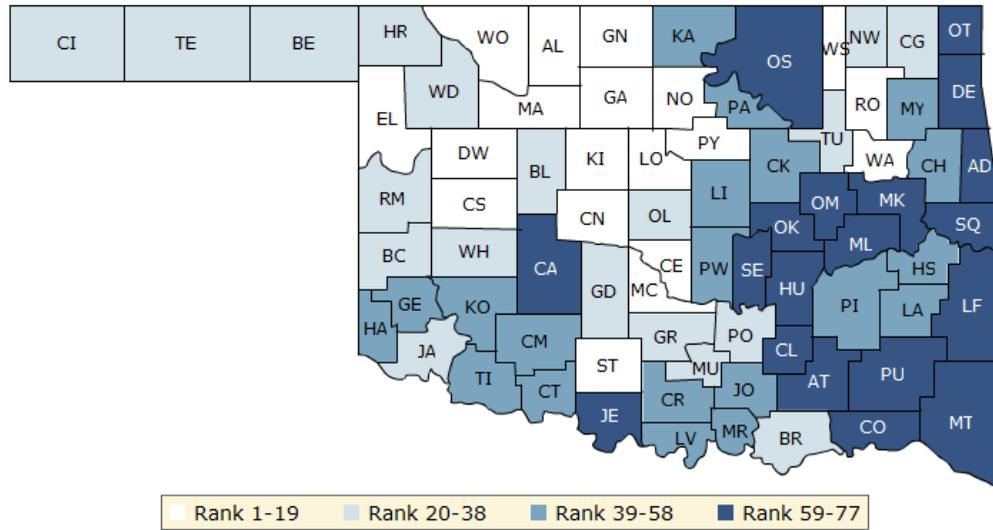


County	Rank	County	Rank	County	Rank	County	Rank
Adair	50	Delaware	35	Lincoln	30	Pittsburg	66
Alfalfa	17	Dewey	37	Logan	8	Pontotoc	63
Atoka	51	Ellis	40	Love	68	Pottawatomie	39
Beaver	27	Garfield	16	Major	31	Pushmataha	77
Beckham	58	Garvin	72	Marshall	19	Roger Mills	21
Blaine	45	Grady	24	Mayes	36	Rogers	6
Bryan	26	Grant	18	McClain	15	Seminole	73
Caddo	42	Greer	59	McCurain	64	Sequoyah	61
Canadian	5	Harmon	43	McIntosh	71	Stephens	34
Carter	62	Harper	29	Murray	47	Texas	2
Cherokee	41	Haskell	60	Muskogee	67	Tillman	52
Choctaw	69	Hughes	53	Noble	9	Tulsa	22
Cimarron	7	Jackson	23	Nowata	14	Wagoner	13
Cleveland	3	Jefferson	70	Okfuskee	57	Washington	10
Coal	75	Johnston	76	Oklahoma	33	Washita	56
Comanche	32	Kay	44	Okmulgee	65	Woods	11
Cotton	25	Kingfisher	1	Osage	28	Woodward	20
Craig	55	Kiowa	74	Ottawa	54		
Creek	49	Latimer	38	Pawnee	48		
Custer	12	Le Flore	46	Payne	4		

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

Lighter colors indicate better performance in the respective summary rankings. Detailed information on the underlying measures is available on our web site.

HEALTH FACTORS RANKS



County	Rank	County	Rank	County	Rank	County	Rank
Adair	77	Delaware	59	Lincoln	43	Pittsburg	41
Alfalfa	12	Dewey	10	Logan	18	Pontotoc	36
Atoka	62	Ellis	5	Love	42	Pottawatomie	52
Beaver	22	Garfield	19	Major	6	Pushmataha	76
Beckham	34	Garvin	35	Marshall	48	Roger Mills	21
Blaine	30	Grady	28	Mayes	55	Rogers	13
Bryan	38	Grant	15	McClain	2	Seminole	65
Caddo	67	Greer	40	McCurtain	72	Sequoyah	75
Canadian	4	Harmon	53	McIntosh	71	Stephens	14
Carter	45	Harper	25	Murray	32	Texas	27
Cherokee	54	Haskell	49	Muskogee	63	Tillman	47
Choctaw	73	Hughes	74	Noble	16	Tulsa	24
Cimarron	31	Jackson	26	Nowata	37	Wagoner	17
Cleveland	1	Jefferson	68	Okfuskee	66	Washington	8
Coal	69	Johnston	56	Oklahoma	29	Washita	23
Comanche	46	Kay	44	Okmulgee	61	Woods	3
Cotton	39	Kingfisher	9	Osage	60	Woodward	20
Craig	33	Kiowa	50	Ottawa	64		
Creek	57	Latimer	58	Pawnee	51		
Custer	11	Le Flore	70	Payne	7		

Summary Health Outcomes & Health Factors Rankings

Counties receive two 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	Kingfisher	1	Cleveland
2	Texas	2	McClain
3	Cleveland	3	Woods
4	Payne	4	Canadian
5	Canadian	5	Ellis
6	Rogers	6	Major
7	Cimarron	7	Payne
8	Logan	8	Washington
9	Noble	9	Kingfisher
10	Washington	10	Dewey
11	Woods	11	Custer
12	Custer	12	Alfalfa
13	Wagoner	13	Rogers
14	Nowata	14	Stephens
15	McClain	15	Grant
16	Garfield	16	Noble
17	Alfalfa	17	Wagoner
18	Grant	18	Logan
19	Marshall	19	Garfield
20	Woodward	20	Woodward
21	Roger Mills	21	Roger Mills
22	Tulsa	22	Beaver
23	Jackson	23	Washita
24	Grady	24	Tulsa
25	Cotton	25	Harper
26	Bryan	26	Jackson
27	Beaver	27	Texas
28	Osage	28	Grady
29	Harper	29	Oklahoma
30	Lincoln	30	Blaine
31	Major	31	Cimarron
32	Comanche	32	Murray
33	Oklahoma	33	Craig
34	Stephens	34	Beckham
35	Delaware	35	Garvin
36	Mayes	36	Pontotoc
37	Dewey	37	Nowata
38	Latimer	38	Bryan
39	Pottawatomie	39	Cotton
40	Ellis	40	Greer

Rank	Health Outcomes	Rank	Health Factors
41	Cherokee	41	Pittsburg
42	Caddo	42	Love
43	Harmon	43	Lincoln
44	Kay	44	Kay
45	Blaine	45	Carter
46	Le Flore	46	Comanche
47	Murray	47	Tillman
48	Pawnee	48	Marshall
49	Creek	49	Haskell
50	Adair	50	Kiowa
51	Atoka	51	Pawnee
52	Tillman	52	Pottawatomie
53	Hughes	53	Harmon
54	Ottawa	54	Cherokee
55	Craig	55	Mayes
56	Washita	56	Johnston
57	Okfuskee	57	Creek
58	Beckham	58	Latimer
59	Greer	59	Delaware
60	Haskell	60	Osage
61	Sequoyah	61	Okmulgee
62	Carter	62	Atoka
63	Pontotoc	63	Muskogee
64	McCurtain	64	Ottawa
65	Okmulgee	65	Seminole
66	Pittsburg	66	Okfuskee
67	Muskogee	67	Caddo
68	Love	68	Jefferson
69	Choctaw	69	Coal
70	Jefferson	70	Le Flore
71	McIntosh	71	McIntosh
72	Garvin	72	McCurtain
73	Seminole	73	Choctaw
74	Kiowa	74	Hughes
75	Coal	75	Sequoyah
76	Johnston	76	Pushmataha
77	Pushmataha	77	Adair

2014 County Health Rankings: Measures, Data Sources, and Years of Data

	Measure	Data Source	Years of Data
HEALTH OUTCOMES			
Length of Life	Premature death	National Center for Health Statistics	2008-2010
Quality of Life	Poor or fair health	Behavioral Risk Factor Surveillance System	2006-2012
	Poor physical health days	Behavioral Risk Factor Surveillance System	2006-2012
	Poor mental health days	Behavioral Risk Factor Surveillance System	2006-2012
	Low birthweight	National Center for Health Statistics	2005-2011
HEALTH FACTORS			
HEALTH BEHAVIORS			
Tobacco Use	Adult smoking	Behavioral Risk Factor Surveillance System	2006-2012
Diet and Exercise	Adult obesity	National Center for Chronic Disease Prevention and Health Promotion	2010
	Food environment index	USDA Food Environment Atlas, Map the Meal Gap	2010-2011
	Physical inactivity	National Center for Chronic Disease Prevention and Health Promotion	2010
	Access to exercise opportunities	OneSource Global Business Browser, Delorme map data, ESRI, & US Census Tigerline Files	2010 & 2012
Alcohol and Drug Use	Excessive drinking	Behavioral Risk Factor Surveillance System	2006-2012
	Alcohol-impaired driving deaths	Fatality Analysis Reporting System	2008-2012
Sexual Activity	Sexually transmitted infections	National Center for HIV/AIDS, Viral Hepatitis, STD, and TB prevention	2011
	Teen births	National Center for Health Statistics	2005-2011
CLINICAL CARE			
Access to Care	Uninsured	Small Area Health Insurance Estimates	2011
	Primary care physicians	HRSA Area Resource File	2011
	Dentists	HRSA Area Resource File	2012
	Mental health providers	CMS, National Provider Identification	2013
Quality of Care	Preventable hospital stays	Medicare/Dartmouth Institute	2011
	Diabetic screening	Medicare/Dartmouth Institute	2011
	Mammography screening	Medicare/Dartmouth Institute	2011
SOCIAL AND ECONOMIC FACTORS			
Education	High school graduation	data.gov, supplemented with National Center for Education Statistics	2010-2011
	Some college	American Community Survey	2008-2012
Employment	Unemployment	Bureau of Labor Statistics	2012
Income	Children in poverty	Small Area Income and Poverty Estimates	2012
Family and Social Support	Inadequate social support	Behavioral Risk Factor Surveillance System	2005-2010
	Children in single-parent households	American Community Survey	2008-2012
Community Safety	Violent crime	Uniform Crime Reporting - FBI	2009-2011
	Injury deaths	CDC WONDER	2006-2010
PHYSICAL ENVIRONMENT			
Air and Water Quality	Air pollution - particulate matter ¹	CDC WONDER	2011
	Drinking water violations	Safe Drinking Water Information System	FY 2012-2013
Housing and Transit	Severe housing problems	HUD, Comprehensive Housing Affordability Strategy	2006-2010
	Driving alone to work	American Community Survey	2008-2012
	Long commute – driving alone	American Community Survey	2008-2012

¹ Not available for AK and HI.

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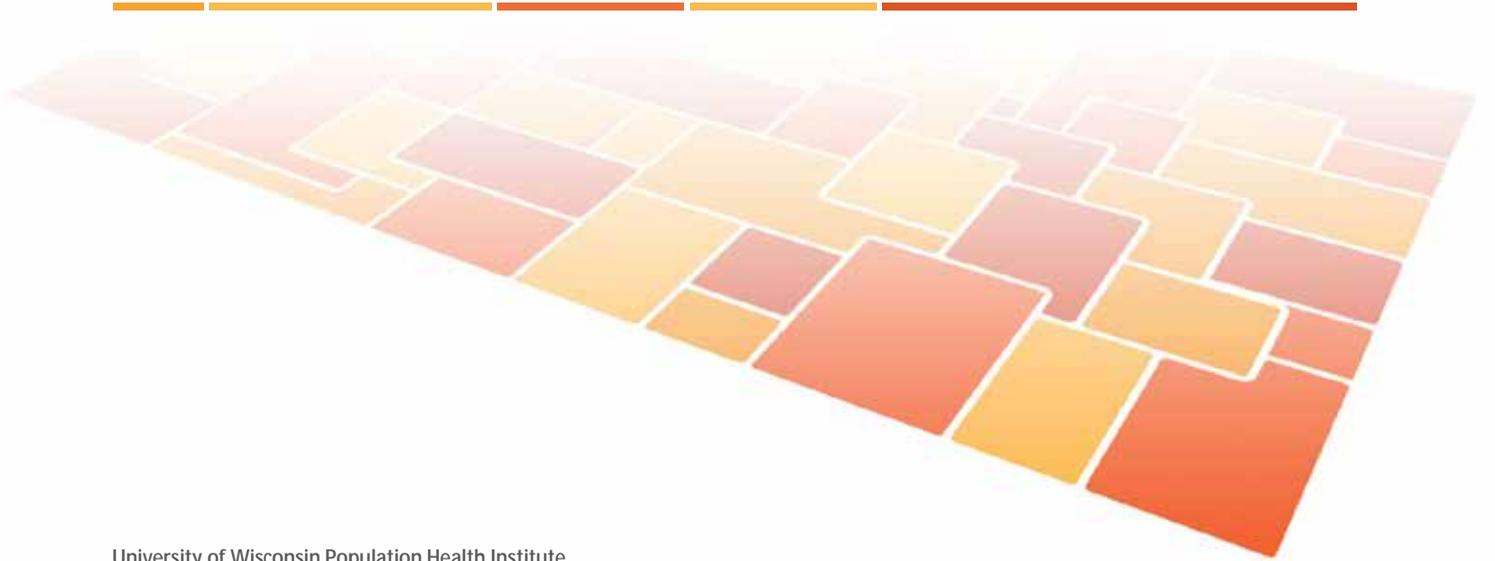
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