

**County Health  
Rankings & Roadmaps**

Building a Culture of Health, County by County

A Robert Wood Johnson Foundation program

**2015 *County Health Rankings***

**Tennessee**



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



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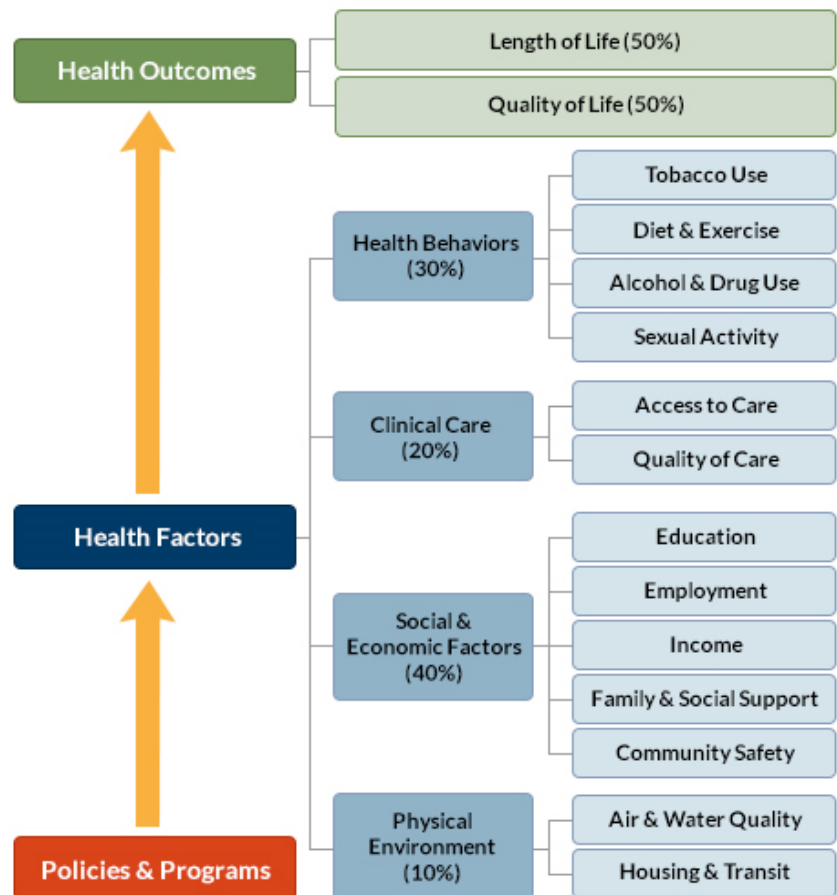


## INTRODUCTION

The *County Health Rankings & Roadmaps* program helps communities identify and implement solutions that make it easier for people to be healthy in their homes, schools, workplaces, and neighborhoods. 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. 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 to Health* and *RWJF Culture of Health Prize* show what we can do to create healthier places to live, learn, work, and play.

## WHAT ARE THE COUNTY HEALTH RANKINGS?

Published online at [countyhealthrankings.org](http://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 each 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 identify and garner support for local health improvement initiatives among government agencies, healthcare providers, community organizations, business leaders, policy makers, and the public.



## MOVING FROM DATA TO ACTION

*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 move from awareness about their county's ranking to action to improve people'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](http://countyhealthrankings.org)

## LEARNING FROM OTHERS

At [countyhealthrankings.org](http://countyhealthrankings.org), we feature stories from communities across the nation who have used data from the *County Health Rankings* or have engaged in strategies to improve health. The *RWJF Culture of Health Prize* recognizes communities that are creating powerful partnerships and deep commitments to enable everyone in our diverse society to lead healthy lives now and for generations to come. The Prize is awarded annually by RWJF to honor communities that are working to build a Culture of Health by implementing solutions that give everyone the opportunity for a healthy life. In 2015, up to 10 winning communities will each receive a \$25,000 cash prize and have their stories shared broadly with the goal of inspiring locally driven change across the nation.

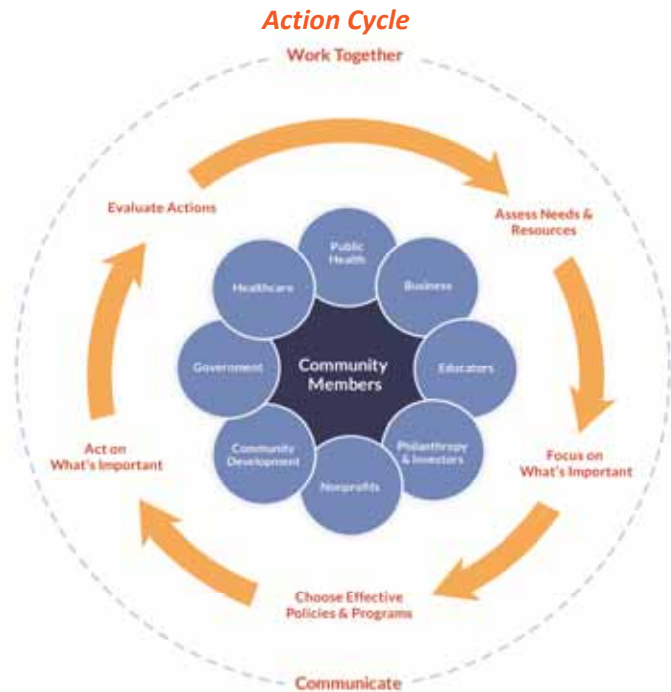
Prize winners are selected based on how well they demonstrate their community's achievement on their journey to a Culture of Health in the following areas:

- Defining health in the broadest possible terms
- Committing to sustainable systems changes and long-term policy-oriented solutions
- Cultivating a shared and deeply held belief in the importance of equal opportunity for health
- Harnessing the collective power of leaders, partners, and community members
- Securing and making the most of resources
- Measuring and sharing progress and results

Visit [countyhealthrankings.org](http://countyhealthrankings.org) or [rwjf.org/prize](http://rwjf.org/prize) to learn about the work of past Prize winners and the application process.

## HOW CAN YOU GET INVOLVED?

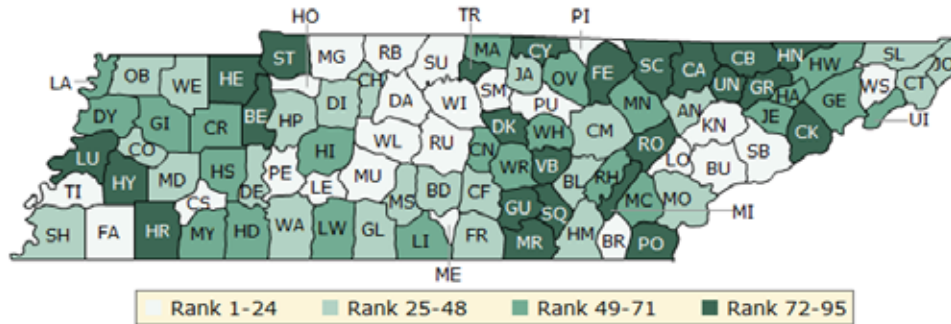
You might want to contact your local affiliate of United Way Worldwide or the National Association of Counties – their national parent organizations have partnered with us to raise awareness and stimulate action to improve health in their local members' communities. By connecting with other leaders interested 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](http://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 Tennessee’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 at [countyhealthrankings.org](http://countyhealthrankings.org).

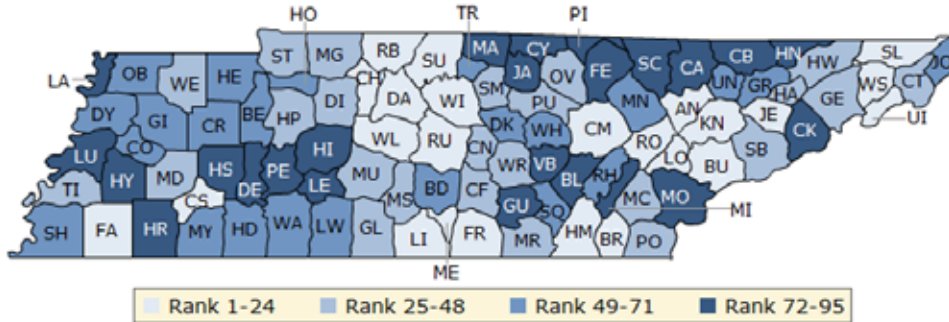


County	Rank	County	Rank	County	Rank	County	Rank
Anderson	41	Fentress	84	Lauderdale	83	Roane	76
Bedford	37	Franklin	33	Lawrence	57	Robertson	10
Benton	79	Gibson	69	Lewis	23	Rutherford	2
Bledsoe	45	Giles	31	Lincoln	58	Scott	92
Blount	8	Grainger	78	Loudon	13	Sequatchie	74
Bradley	21	Greene	59	Macon	60	Sevier	22
Campbell	85	Grundy	95	Madison	26	Shelby	39
Cannon	66	Hamblen	54	Marion	82	Smith	20
Carroll	53	Hamilton	29	Marshall	28	Stewart	75
Carter	48	Hancock	93	Maury	17	Sullivan	36
Cheatham	34	Hardeman	72	McMinn	65	Sumner	5
Chester	14	Hardin	70	McNairy	50	Tipton	18
Claiborne	89	Hawkins	64	Meigs	91	Trousdale	86
Clay	94	Haywood	81	Monroe	40	Unicoi	68
Cocke	88	Henderson	49	Montgomery	7	Union	80
Coffee	42	Henry	77	Moore	11	Van Buren	90
Crockett	35	Hickman	56	Morgan	67	Warren	61
Cumberland	47	Houston	16	Obion	30	Washington	19
Davidson	6	Humphreys	46	Overton	63	Wayne	27
Decatur	43	Jackson	38	Perry	24	Weakley	32
DeKalb	73	Jefferson	51	Pickett	12	White	55
Dickson	25	Johnson	44	Polk	87	Williamson	1
Dyer	71	Knox	15	Putnam	3	Wilson	4
Fayette	9	Lake	52	Rhea	62		

### HOW DO COUNTIES RANK FOR HEALTH FACTORS?

The blue map displays Tennessee’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 at [countyhealthrankings.org](http://countyhealthrankings.org).



County	Rank	County	Rank	County	Rank	County	Rank
Anderson	9	Fentress	81	Lauderdale	94	Roane	15
Bedford	56	Franklin	18	Lawrence	49	Robertson	17
Benton	71	Gibson	62	Lewis	76	Rutherford	4
Bledsoe	91	Giles	39	Lincoln	10	Scott	93
Blount	6	Grainger	63	Loudon	8	Sequatchie	59
Bradley	21	Greene	41	Macon	89	Sevier	38
Campbell	83	Grundy	84	Madison	29	Shelby	66
Cannon	42	Hamblen	36	Marion	44	Smith	37
Carroll	51	Hamilton	11	Marshall	31	Stewart	47
Carter	32	Hancock	95	Mauzy	26	Sullivan	12
Cheatham	14	Hardeman	90	McMinn	25	Sumner	3
Chester	20	Hardin	64	McNairy	55	Tipton	27
Claiborne	75	Hawkins	28	Meigs	74	Trousdale	65
Clay	88	Haywood	85	Monroe	72	Unicoi	19
Cocke	82	Henderson	77	Montgomery	30	Union	67
Coffee	46	Henry	60	Moore	16	Van Buren	86
Crockett	61	Hickman	78	Morgan	69	Warren	45
Cumberland	13	Houston	68	Obion	54	Washington	5
Davidson	22	Humphreys	33	Overton	43	Wayne	70
Decatur	80	Jackson	79	Perry	87	Weakley	40
DeKalb	52	Jefferson	23	Pickett	73	White	53
Dickson	34	Johnson	50	Polk	48	Williamson	1
Dyer	57	Knox	2	Putnam	35	Wilson	7
Fayette	24	Lake	92	Rhea	58		

## 2015 COUNTY HEALTH RANKINGS: MEASURES AND NATIONAL/STATE RESULTS

Measure	Description	US Median	State Overall	State Minimum	State Maximum
<b>HEALTH OUTCOMES</b>					
Premature death	Years of potential life lost before age 75 per 100,000 population	7681	8696	3862	16190
Poor or fair health	% of adults reporting fair or poor health	17%	19%	7%	46%
Poor physical health days	Average # of physically unhealthy days reported in past 30 days	3.7	4.3	2.0	9.5
Poor mental health days	Average # of mentally unhealthy days reported in past 30 days	3.5	3.4	1.9	7.2
Low birthweight	% of live births with low birthweight (< 2500 grams)	8%	9.2%	5.8%	12.5%
<b>HEALTH FACTORS</b>					
<b>HEALTH BEHAVIORS</b>					
Adult smoking	% of adults who are current smokers	21%	23%	11%	51%
Adult obesity	% of adults that report a BMI ≥ 30	31%	32%	27%	41%
Food environment index	Index of factors that contribute to a healthy food environment, (0-10)	7.3	6.9	5.4	8.9
Physical inactivity	% of adults aged 20 and over reporting no leisure-time physical activity	27%	30%	23%	40%
Access to exercise opportunities	% of population with adequate access to locations for physical activity	65%	70%	4%	100%
Excessive drinking	% of adults reporting binge or heavy drinking	16%	9%	3%	17%
Alcohol-impaired driving deaths	% of driving deaths with alcohol involvement	31%	28%	9%	100%
Sexually transmitted infections	# of newly diagnosed chlamydia cases per 100,000 population	291	504	79	1053
Teen births	# of births per 1,000 female population ages 15-19	41	47	12	93
<b>CLINICAL CARE</b>					
Uninsured	% of population under age 65 without health insurance	17%	16%	8%	22%
Primary care physicians	Ratio of population to primary care physicians	2015:1	1388:1	13297:1	596:1
Dentists	Ratio of population to dentists	2670:1	1996:1	16939:1	1241:1
Mental health providers	Ratio of population to mental health providers	1128:1	786:1	22701:1	313:1
Preventable hospital stays	# of hospital stays for ambulatory-care sensitive conditions per 1,000 Medicare enrollees	65.3	73	47	185
Diabetic monitoring	% of diabetic Medicare enrollees ages 65-75 that receive HbA1c monitoring	85%	86%	80%	91%
Mammography screening	% of female Medicare enrollees ages 67-69 that receive mammography screening	61%	61.8%	33.9%	75.7%
<b>SOCIAL AND ECONOMIC FACTORS</b>					
High school graduation	% of ninth-grade cohort that graduates in four years	85%	87%	76%	100%
Some college	% of adults ages 25-44 with some post-secondary education	56%	57.7%	25.3%	81.7%
Unemployment	% of population aged 16 and older unemployed but seeking work	7%	8.2%	5.6%	16.9%
Children in poverty	% of children under age 18 in poverty	24%	27%	7%	45%
Income inequality	Ratio of household income at the 80th percentile to income at the 20th percentile	4.4	4.8	3.5	5.9
Children in single-parent households	% of children that live in a household headed by single parent	31%	36%	15%	54%
Social associations	# of membership associations per 10,000 population	12.6	11.5	3.0	22.5
Violent crime	# of reported violent crime offenses per 100,000 population	199	621	57	1236
Injury deaths	# of deaths due to injury per 100,000 population	73.8	78	44	172
<b>PHYSICAL ENVIRONMENT</b>					
Air pollution – particulate matter	Average daily density of fine particulate matter in micrograms per cubic meter (PM2.5)	11.9	13.8	12.8	14.9
Drinking water violations	% of population potentially exposed to water exceeding a violation limit during the past year	1.0%	4%	0%	100%
Severe housing problems	% of households with overcrowding, high housing costs, or lack of kitchen or plumbing facilities	14%	15%	8%	22%
Driving alone to work	% of workforce that drives alone to work	80%	84%	75%	92%
Long commute – driving alone	Among workers who commute in their car alone, % commuting > 30 minutes	29%	32%	16%	61%



## 2015 COUNTY HEALTH RANKINGS: DATA SOURCES AND YEARS OF DATA

	Measure	Data Source	Years of Data
<b>HEALTH OUTCOMES</b>			
<b>Length of Life</b>	Premature death	National Center for Health Statistics – Mortality files	2010-2012
<b>Quality of Life</b>	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 – Natality files	2006-2012
<b>HEALTH FACTORS</b>			
<b>HEALTH BEHAVIORS</b>			
<b>Tobacco Use</b>	Adult smoking	Behavioral Risk Factor Surveillance System	2006-2012
<b>Diet and Exercise</b>	Adult obesity	CDC Diabetes Interactive Atlas	2011
	Food environment index	USDA Food Environment Atlas, Map the Meal Gap	2012
	Physical inactivity	CDC Diabetes Interactive Atlas	2011
	Access to exercise opportunities	Business Analyst, Delorme map data, ESRI, & US Census Tigerline Files	2010 & 2013
<b>Alcohol and Drug Use</b>	Excessive drinking	Behavioral Risk Factor Surveillance System	2006-2012
	Alcohol-impaired driving deaths	Fatality Analysis Reporting System	2009-2013
<b>Sexual Activity</b>	Sexually transmitted infections	National Center for HIV/AIDS, Viral Hepatitis, STD, and TB Prevention	2012
	Teen births	National Center for Health Statistics – Natality files	2006-2012
<b>CLINICAL CARE</b>			
<b>Access to Care</b>	Uninsured	Small Area Health Insurance Estimates	2012
	Primary care physicians	Area Health Resource File/American Medical Association	2012
	Dentists	Area Health Resource File/National Provider Identification file	2013
	Mental health providers	CMS, National Provider Identification file	2014
<b>Quality of Care</b>	Preventable hospital stays	Dartmouth Atlas of Health Care	2012
	Diabetic monitoring	Dartmouth Atlas of Health Care	2012
	Mammography screening	Dartmouth Atlas of Health Care	2012
<b>SOCIAL AND ECONOMIC FACTORS</b>			
<b>Education</b>	High school graduation	data.gov, supplemented w/ National Center for Education Statistics	2011-2012
	Some college	American Community Survey	2009-2013
<b>Employment</b>	Unemployment	Bureau of Labor Statistics	2013
<b>Income</b>	Children in poverty	Small Area Income and Poverty Estimates	2013
	Income inequality	American Community Survey	2009-2013
<b>Family and Social Support</b>	Children in single-parent households	American Community Survey	2009-2013
	Social associations	County Business Patterns	2012
<b>Community Safety</b>	Violent crime	Uniform Crime Reporting – FBI	2010-2012
	Injury deaths	CDC WONDER mortality data	2008-2012
<b>PHYSICAL ENVIRONMENT</b>			
<b>Air and Water Quality</b>	Air pollution – particulate matter <sup>1</sup>	CDC WONDER environmental data	2011
	Drinking water violations	Safe Drinking Water Information System	FY2013-14
<b>Housing and Transit</b>	Severe housing problems	Comprehensive Housing Affordability Strategy (CHAS) data	2007-2011
	Driving alone to work	American Community Survey	2009-2013
	Long commute – driving alone	American Community Survey	2009-2013

<sup>1</sup> Not available for AK and HI.

## CREDITS

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