Building a Culture of Health, County by County

2014 Rankings North Carolina





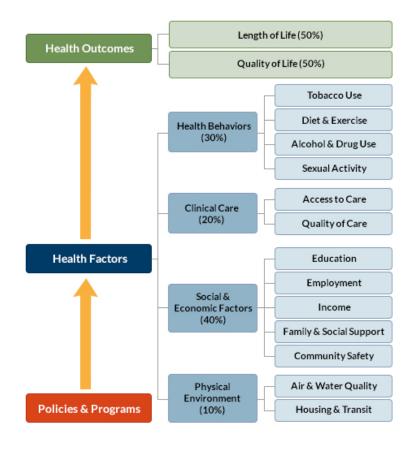


INTRODUCTION

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?

- Highlighting community success
- Identifying root causes of poor health
- Supporting policy change
- 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

Actions Assess Needs 8 Educati

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.

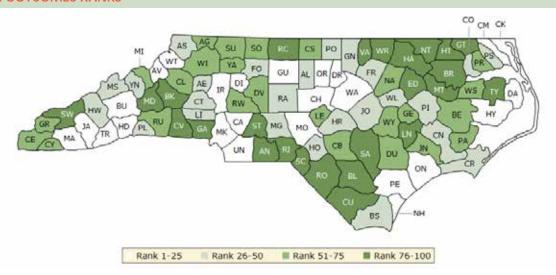
How can you get involved?

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 North Carolina'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

HEALTH OUTCOMES RANKS

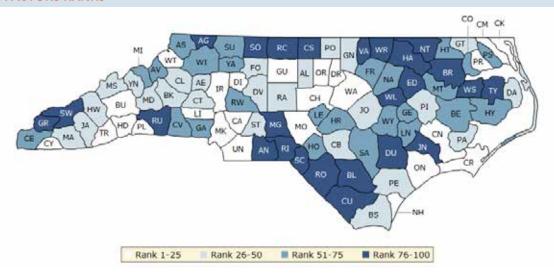


County	Rank	County	Rank	County	Rank	County	Rank
Alamance	29	Cumberland	73	Johnston	28	Randolph	37
Alexander	43	Currituck	23	Jones	71	Richmond	90
Alleghany	66	Dare	8	Lee	51	Robeson	97
Anson	87	Davidson	52	Lenoir	92	Rockingham	83
Ashe	41	Davie	7	Lincoln	35	Rowan	68
Avery	16	Duplin	54	Macon	19	Rutherford	75
Beaufort	72	Durham	17	Madison	38	Sampson	81
Bertie	95	Edgecombe	86	Martin	93	Scotland	98
Bladen	91	Forsyth	26	McDowell	76	Stanly	78
Brunswick	34	Franklin	40	Mecklenburg	6	Stokes	69
Buncombe	18	Gaston	79	Mitchell	67	Surry	60
Burke	77	Gates	82	Montgomery	42	Swain	94
Cabarrus	9	Graham	63	Moore	13	Transylvania	12
Caldwell	70	Granville	39	Nash	61	Tyrrell	88
Camden	5	Greene	58	New Hanover	10	Union	4
Carteret	33	Guilford	14	Northampton	89	Vance	96
Caswell	62	Halifax	99	Onslow	24	Wake	1
Catawba	47	Harnett	50	Orange	3	Warren	85
Chatham	11	Haywood	48	Pamlico	56	Washington	53
Cherokee	65	Henderson	15	Pasquotank	45	Watauga	2
Chowan	49	Hertford	80	Pender	25	Wayne	64
Clay	57	Hoke	36	Perquimans	59	Wilkes	74
Cleveland	84	Hyde	21	Person	32	Wilson	44
Columbus	100	Iredell	20	Pitt	46	Yadkin	55
Craven	27	Jackson	22	Polk	31	Yancey	30

The blue map displays North Carolina'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
Alamance	41	Cumberland	43	Johnston	39	Randolph	46
Alexander	44	Currituck	25	Jones	76	Richmond	94
Alleghany	77	Dare	30	Lee	58	Robeson	100
Anson	84	Davidson	49	Lenoir	75	Rockingham	88
Ashe	53	Davie	16	Lincoln	18	Rowan	51
Avery	69	Duplin	87	Macon	31	Rutherford	79
Beaufort	64	Durham	12	Madison	28	Sampson	63
Bertie	83	Edgecombe	98	Martin	72	Scotland	99
Bladen	93	Forsyth	29	McDowell	50	Stanly	32
Brunswick	33	Franklin	54	Mecklenburg	11	Stokes	81
Buncombe	7	Gaston	65	Mitchell	52	Surry	57
Burke	35	Gates	37	Montgomery	82	Swain	95
Cabarrus	10	Graham	85	Moore	14	Transylvania	22
Caldwell	47	Granville	42	Nash	62	Tyrrell	78
Camden	3	Greene	74	New Hanover	8	Union	4
Carteret	21	Guilford	17	Northampton	92	Vance	97
Caswell	91	Halifax	96	Onslow	19	Wake	2
Catawba	36	Harnett	67	Orange	1	Warren	90
Chatham	9	Haywood	26	Pamlico	27	Washington	86
Cherokee	61	Henderson	6	Pasquotank	55	Watauga	5
Chowan	70	Hertford	73	Pender	45	Wayne	60
Clay	23	Hoke	71	Perquimans	24	Wilkes	59
Cleveland	66	Hyde	68	Person	48	Wilson	80
Columbus	89	Iredell	15	Pitt	34	Yadkin	56
Craven	20	Jackson	40	Polk	13	Yancey	38

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	Wake	1	Orange
2	Watauga	2	Wake
3	Orange	3	Camden
4	Union	4	Union
5	Camden	5	Watauga
6		6	Henderson
7	Mecklenburg Davie	7	Buncombe
8	Davie	8	New Hanover
9	Cabarrus	9	Chatham
	New Hanover	10	Cabarrus
10			
11	Chatham	11	Mecklenburg Durham
12	Transylvania	12	
13	Moore	13	Polk
14	Guilford	14	Moore
15	Henderson	15	Iredell
16	Avery	16	Davie
17	Durham	17	Guilford
18	Buncombe	18	Lincoln
19	Macon	19	Onslow
20	Iredell	20	Craven
21	Hyde	21	Carteret
22	Jackson	22	Transylvania
23	Currituck	23	Clay
24	Onslow	24	Perquimans
25	Pender	25	Currituck
26	Forsyth	26	Haywood
27	Craven	27	Pamlico
28	Johnston	28	Madison
29	Alamance	29	Forsyth
30	Yancey	30	Dare
31	Polk	31	Macon
32	Person	32	Stanly
33	Carteret	33	Brunswick
34	Brunswick	34	Pitt
35	Lincoln	35	Burke
36	Hoke	36	Catawba
37	Randolph	37	Gates
38	Madison	38	Yancey
39	Granville	39	Johnston
40	Franklin	40	Jackson

Rank	Health Outcomes	Rank	Health Factors
41	Ashe	41	Alamance
42	Montgomery	42	Granville
43	Alexander	43	Cumberland
44	Wilson	44	Alexander
45	Pasquotank	45	Pender
46	Pitt	46	Randolph
47	Catawba	47	Caldwell
48	Haywood	48	Person
49	Chowan	49	Davidson
50	Harnett	50	McDowell
51	Lee	51	Rowan
52	Davidson	52	Mitchell
53	Washington	53	Ashe
54	Duplin	54	Franklin
55	Yadkin	55	Pasquotank
56	Pamlico	56	Yadkin
57	Clay	57	Surry
58	Greene	58	Lee
59	Perquimans	59	Wilkes
60	Surry	60	Wayne
61	Nash	61	Cherokee
62	Caswell	62	Nash
63	Graham	63	Sampson
64	Wayne	64	Beaufort
65	Cherokee	65	Gaston
66	Alleghany	66	Cleveland
67	Mitchell	67	Harnett
68	Rowan	68	Hyde
69	Stokes	69	Avery
70	Caldwell	70	Chowan
71	Jones	71	Hoke
72	Beaufort	72	Martin
73	Cumberland	73	Hertford
74	Wilkes	74	Greene
75	Rutherford	75	Lenoir
76	McDowell	76	Jones
77	Burke	77	Alleghany
78	Stanly	78	Tyrrell
79	Gaston	79	Rutherford
80	Hertford	80	Wilson
81	Sampson	81	Stokes
82	Gates	82	Montgomery
83	Rockingham	83	Bertie
84	Cleveland	84	Anson
85	Warren	85	Graham
86	Edgecombe	86	Washington
87	Anson	87	Duplin
88	Tyrrell	88	Rockingham

Rank	Health Outcomes	Rank	Health Factors
89	Northampton	89	Columbus
90	Richmond	90	Warren
91	Bladen	91	Caswell
92	Lenoir	92	Northampton
93	Martin	93	Bladen
94	Swain	94	Richmond
95	Bertie	95	Swain
96	Vance	96	Halifax
97	Robeson	97	Vance
98	Scotland	98	Edgecombe
99	Halifax	99	Scotland
100	Columbus	100	Robeson

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

	Measure	Data Source	Years of Data
HEALTH OUTCO	MES		
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 FACTOR	RS .		
HEALTH BEHAVI	ORS		
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	Excessive drinking	Behavioral Risk Factor Surveillance System	2006-2012
Drug Use	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 ECO	DNOMIC 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	Inadequate social support	Behavioral Risk Factor Surveillance System	2005-2010
Social Support	Children in single-parent households	American Community Survey	2008-2012
Community	Violent crime	Uniform Crime Reporting - FBI	2009-2011
Safety	Injury deaths	CDC WONDER	2006-2010
PHYSICAL ENVIR			
Air and Water	Air pollution - particulate matter ¹	CDC WONDER	2011
Quality	Drinking water violations	Safe Drinking Water Information System	FY 2012-2013
Housing and	Severe housing problems	HUD, Comprehensive Housing Affordability Strategy	2006-2010
Transit	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.

⁸ www.countyhealthrankings.org/north-carolina

CREDITS

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