2014 *Rankings*

North Dakota

INSIDE FRONT COVER – INTENTIONALLY BLANK

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 <u>what we know</u> when it comes to what is making people sick or healthy. The *Roadmaps* show <u>what we can do</u> 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.
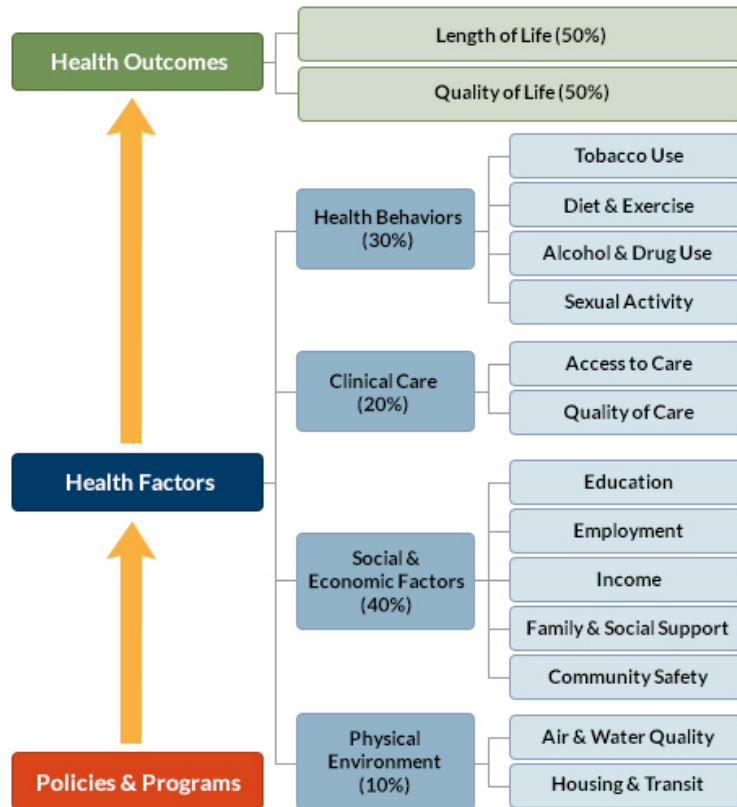
HOW ARE PEOPLE USING THE *RANKINGS?*

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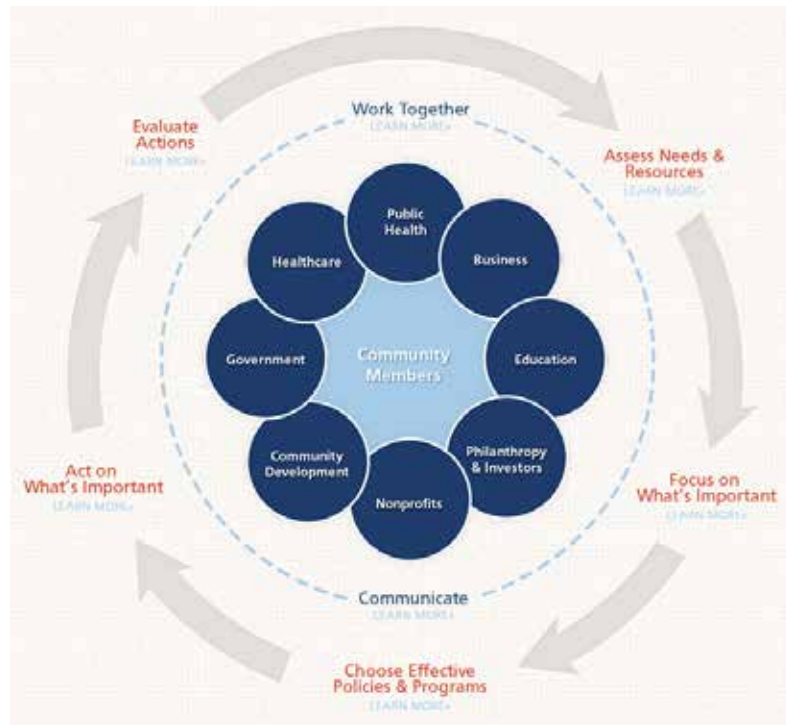
The green map below shows the distribution of North Dakota's **health outcomes**, based on an equal weighting of length and quality of life.

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

Rank 1-11 | Rank 12-22 | Rank 23-34 | Rank 35-45 | Not Ranked
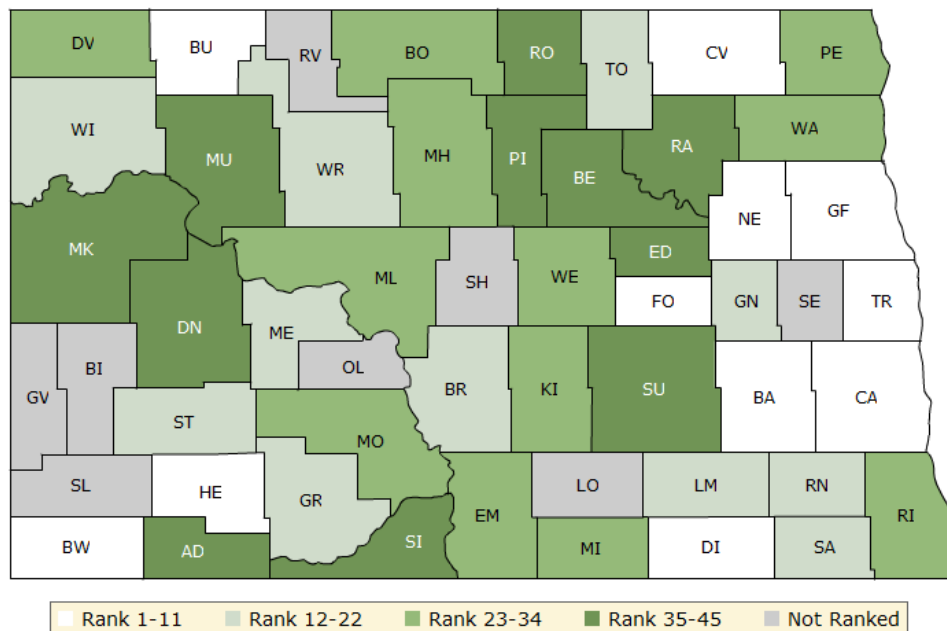
County	Rank	County	Rank	County	Rank	County	Rank
Adams	36	Emmons	29	Mercer	22	Sioux	45
Barnes	2	Foster	4	Morton	30	Slope	NR
Benson	44	Golden Valley	NR	Mountrail	42	Stark	18
Billings	NR	Grand Forks	6	Nelson	7	Steele	NR
Bottineau	28	Grant	14	Oliver	NR	Stutsman	35
Bowman	10	Griggs	16	Pembina	24	Towner	12
Burke	8	Hettinger	9	Pierce	39	Traill	3
Burleigh	20	Kidder	25	Ramsey	41	Walsh	27
Cass	11	LaMoure	17	Ransom	15	Ward	13
Cavalier	5	Logan	NR	Renville	NR	Wells	31
Dickey	1	McHenry	34	Richland	32	Williams	21
Divide	26	McIntosh	33	Rolette	43		
Dunn	40	McKenzie	38	Sargent	19		
Eddy	37	McLean	23	Sheridan	NR		

The blue map displays North Dakota'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.
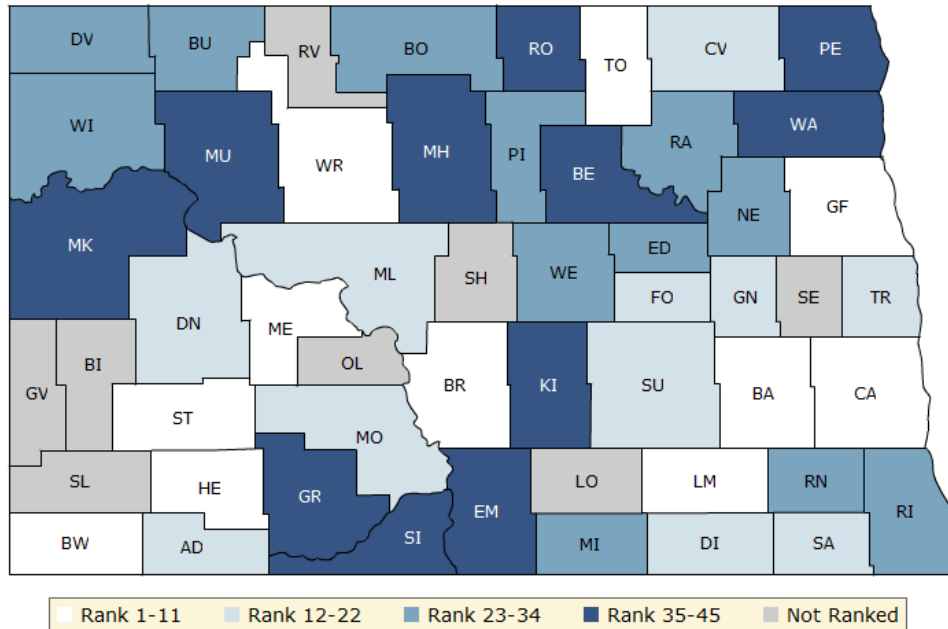
HEALTH FACTORS RANKS

Rank 1-11 | Rank 12-22 | Rank 23-34 | Rank 35-45 | Not Ranked

County	Rank	County	Rank	County	Rank	County	Rank
Adams	16	Emmons	35	Mercer	3	Sioux	44
Barnes	7	Foster	18	Morton	19	Slope	NR
Benson	43	Golden Valley	NR	Mountrail	41	Stark	6
Billings	NR	Grand Forks	10	Nelson	27	Steele	NR
Bottineau	32	Grant	42	Oliver	NR	Stutsman	20
Bowman	4	Griggs	15	Pembina	39	Towner	11
Burke	30	Hettinger	5	Pierce	34	Traill	12
Burleigh	1	Kidder	40	Ramsey	31	Walsh	38
Cass	2	LaMoure	8	Ransom	24	Ward	9
Cavalier	17	Logan	NR	Renville	NR	Wells	33
Dickey	13	McHenry	36	Richland	23	Williams	29
Divide	26	McIntosh	28	Rolette	45		
Dunn	21	McKenzie	37	Sargent	14		
Eddy	25	McLean	22	Sheridan	NR		

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	Dickey	1	Burleigh
2	Barnes	2	Cass
3	Traill	3	Mercer
4	Foster	4	Bowman
5	Cavalier	5	Hettinger
6	Grand Forks	6	Stark
7	Nelson	7	Barnes
8	Burke	8	LaMoure
9	Hettinger	9	Ward
10	Bowman	10	Grand Forks
11	Cass	11	Towner
12	Towner	12	Traill
13	Ward	13	Dickey
14	Grant	14	Sargent
15	Ransom	15	Griggs
16	Griggs	16	Adams
17	LaMoure	17	Cavalier
18	Stark	18	Foster
19	Sargent	19	Morton
20	Burleigh	20	Stutsman
21	Williams	21	Dunn
22	Mercer	22	McLean
23	McLean	23	Richland
24	Pembina	24	Ransom
25	Kidder	25	Eddy
26	Divide	26	Divide
27	Walsh	27	Nelson
28	Bottineau	28	McIntosh
29	Emmons	29	Williams
30	Morton	30	Burke
31	Wells	31	Ramsey
32	Richland	32	Bottineau
33	McIntosh	33	Wells
34	McHenry	34	Pierce
35	Stutsman	35	Emmons
36	Adams	36	McHenry
37	Eddy	37	McKenzie
38	McKenzie	38	Walsh
39	Pierce	39	Pembina
40	Dunn	40	Kidder

Rank	Health Outcomes	Rank	Health Factors
41	Ramsey	41	Mountrail
42	Mountrail	42	Grant
43	Rolette	43	Benson
44	Benson	44	Sioux
45	Sioux	45	Rolette

Not Ranked: Billings, Golden Valley, Logan, Oliver, Renville, Sheridan, Slope, Steele

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.

CREDITS

INSIDE BACK COVER – INTENTIONALLY BLANK

County Health
Rankings & Roadmaps

Building a Culture of Health, County by County

countyhealthrankings.org

University of Wisconsin Population Health Institute
610 Walnut St, #524, Madison, WI 53726
(608) 265-8240 / info@countyhealthrankings.org