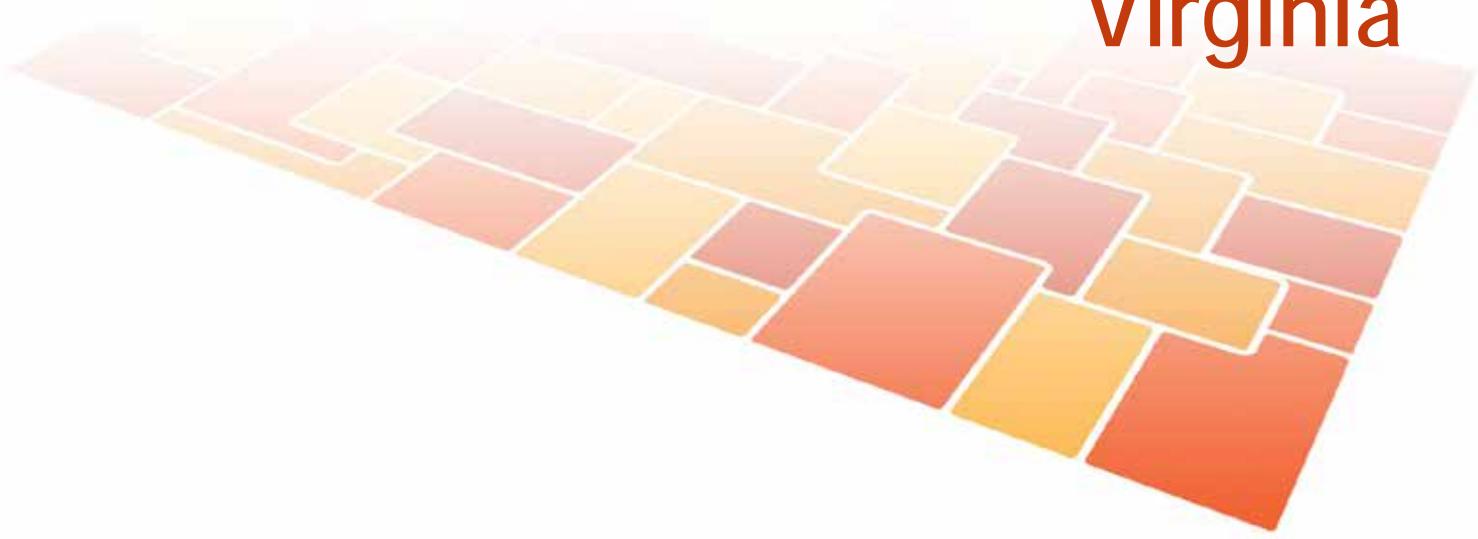


**County Health
Rankings & Roadmaps**

Building a Culture of Health, County by County

A Robert Wood Johnson Foundation program

2014 *Rankings*
Virginia



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



Support provided by

Robert Wood Johnson Foundation



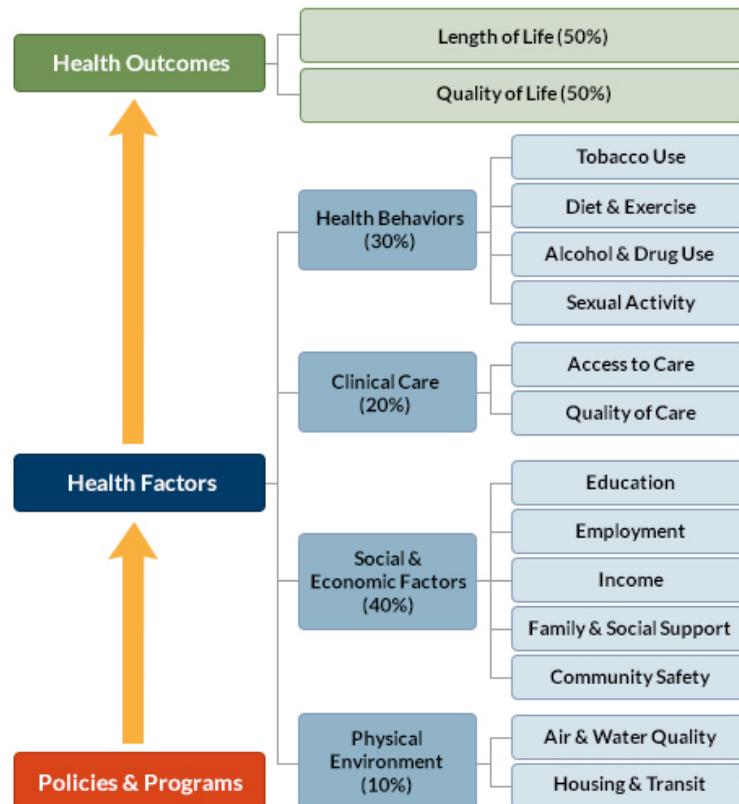
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INTRODUCTION

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

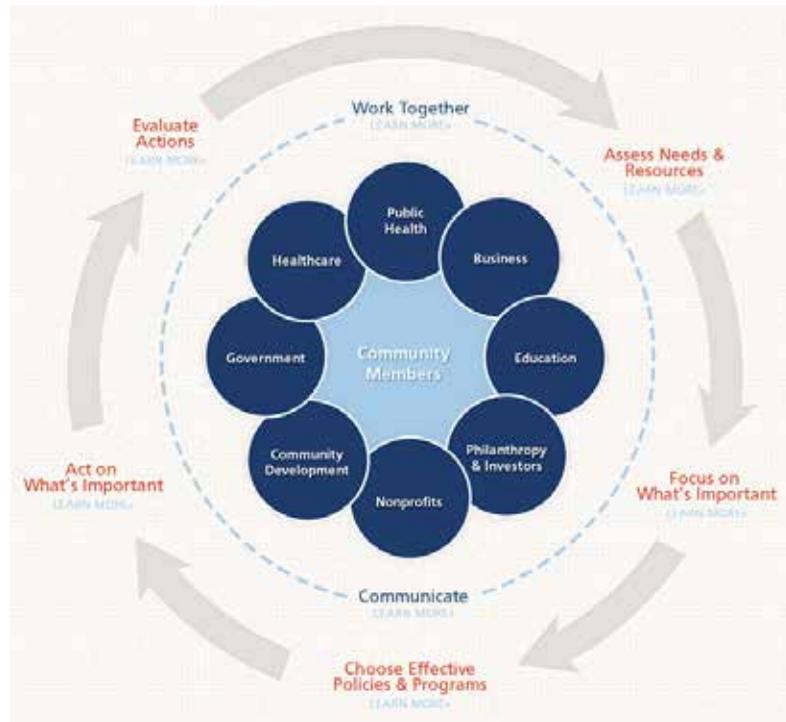
Honoring the efforts of communities working at the forefront of health improvement, the Robert Wood

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?

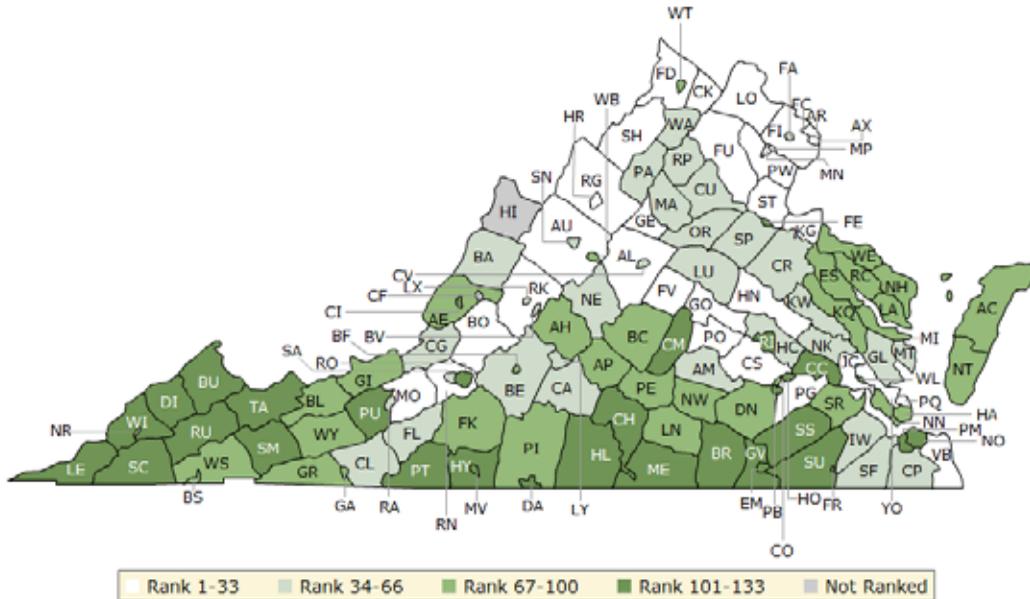
In communities large and small, people from all walks of life are taking ownership and action to improve health. Visit countyhealthrankings.org to get ideas and guidance on how you can take action in your community. Working with others, you can improve the health of your community.



The green map below shows the distribution of Virginia'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



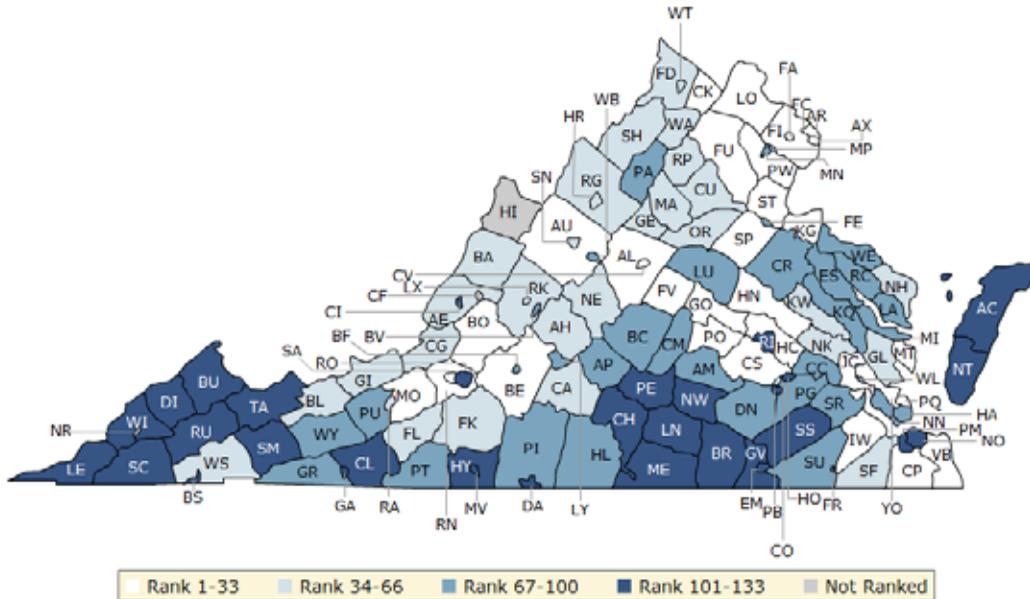
County	Rank	County	Rank	County	Rank	County	Rank
Accomack	99	Dickenson	130	Lancaster	74	Pulaski	112
Albemarle	4	Dinwiddie	88	Lee	114	Radford City	64
Alexandria City	7	Emporia City	126	Lexington City	49	Rappahannock	42
Alleghany	84	Essex	86	Loudoun	1	Richmond	85
Amelia	39	Fairfax	2	Louisa	63	Richmond City	121
Amherst	72	Fairfax City	60	Lunenburg	92	Roanoke	29
Appomattox	68	Falls Church City	30	Lynchburg City	50	Roanoke City	115
Arlington	3	Fauquier	26	Madison	57	Rockbridge	27
Augusta	19	Floyd	48	Manassas City	22	Rockingham	9
Bath	45	Fluvanna	12	Manassas Park City	10	Russell	125
Bedford	55	Franklin	71	Martinsville City	129	Salem City	65
Bedford City	79	Franklin City	123	Mathews	36	Scott	120
Bland	96	Frederick	18	Mecklenburg	105	Shenandoah	23
Botetourt	33	Fredericksburg City	102	Middlesex	69	Smyth	124
Bristol City	82	Galax City	80	Montgomery	20	Southampton	108
Brunswick	111	Giles	77	Nelson	44	Spotsylvania	35
Buchanan	131	Gloucester	52	New Kent	51	Stafford	11
Buckingham	81	Goochland	25	Newport News City	83	Staunton City	58
Buena Vista City	66	Grayson	89	Norfolk City	106	Suffolk City	62
Campbell	46	Greene	24	Northampton	97	Surry	67
Caroline	56	Greensville	107	Northumberland	93	Sussex	118
Carroll	54	Halifax	110	Norton City	95	Tazewell	132
Charles City	103	Hampton City	75	Nottoway	94	Virginia Beach City	28
Charlotte	117	Hanover	13	Orange	40	Warren	59
Charlottesville City	43	Harrisonburg City	31	Page	53	Washington	87
Chesapeake City	37	Henrico	34	Patrick	109	Waynesboro City	70
Chesterfield	16	Henry	127	Petersburg City	133	Westmoreland	98

County	Rank	County	Rank	County	Rank	County	Rank
Clarke	21	Highland	NR	Pittsylvania	91	Williamsburg City	101
Colonial Heights City	73	Hopewell City	128	Poquoson City	15	Winchester City	90
Covington City	113	Isle of Wight	38	Portsmouth City	116	Wise	119
Craig	61	James City	6	Powhatan	17	Wythe	100
Culpeper	41	King and Queen	78	Prince Edward	76	York	5
Cumberland	104	King George	32	Prince George	14		
Danville City	122	King William	47	Prince William	8		

The blue map displays Virginia’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
Accomack	111	Dickenson	125	Lancaster	87	Pulaski	96
Albemarle	8	Dinwiddie	90	Lee	124	Radford City	47
Alexandria City	11	Emporia City	131	Lexington City	61	Rappahannock	40
Alleghany	65	Essex	75	Loudoun	2	Richmond	91
Amelia	73	Fairfax	4	Louisa	78	Richmond City	121
Amherst	50	Fairfax City	16	Lunenburg	116	Roanoke	9
Appomattox	83	Falls Church City	5	Lynchburg City	92	Roanoke City	123
Arlington	1	Fauquier	17	Madison	66	Rockbridge	44
Augusta	33	Floyd	51	Manassas City	70	Rockingham	35
Bath	53	Fluvanna	18	Manassas Park City	68	Russell	119
Bedford	29	Franklin	49	Martinsville City	130	Salem City	26
Bedford City	89	Franklin City	117	Mathews	32	Scott	102
Bland	46	Frederick	39	Mecklenburg	106	Shenandoah	55
Botetourt	13	Fredericksburg City	85	Middlesex	74	Smyth	101
Bristol City	109	Galax City	112	Montgomery	19	Southampton	94
Brunswick	127	Giles	59	Nelson	63	Spotsylvania	24
Buchanan	126	Gloucester	34	New Kent	38	Stafford	15
Buckingham	99	Goochland	10	Newport News City	86	Staunton City	52
Buena Vista City	84	Grayson	98	Norfolk City	114	Suffolk City	48
Campbell	54	Greene	41	Northampton	113	Surry	76
Caroline	67	Greensville	107	Northumberland	62	Sussex	122
Carroll	103	Halifax	100	Norton City	58	Tazewell	104
Charles City	82	Hampton City	81	Nottoway	118	Virginia Beach City	27
Charlotte	110	Hanover	7	Orange	37	Warren	45
Charlottesville City	31	Harrisonburg City	64	Page	97	Washington	57
Chesapeake City	23	Henrico	22	Patrick	69	Waynesboro City	79
Chesterfield	14	Henry	120	Petersburg City	133	Westmoreland	93

County	Rank	County	Rank	County	Rank	County	Rank
Clarke	20	Highland	NR	Pittsylvania	72	Williamsburg City	71
Colonial Heights City	42	Hopewell City	132	Poquoson City	12	Winchester City	60
Covington City	108	Isle of Wight	25	Portsmouth City	115	Wise	128
Craig	56	James City	6	Powhatan	28	Wythe	80
Culpeper	43	King and Queen	88	Prince Edward	105	York	3
Cumberland	95	King George	30	Prince George	77		
Danville City	129	King William	36	Prince William	21		

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	Loudoun	1	Arlington
2	Fairfax	2	Loudoun
3	Arlington	3	York
4	Albemarle	4	Fairfax
5	York	5	Falls Church City
6	James City	6	James City
7	Alexandria City	7	Hanover
8	Prince William	8	Albemarle
9	Rockingham	9	Roanoke
10	Manassas Park City	10	Goochland
11	Stafford	11	Alexandria City
12	Fluvanna	12	Poquoson City
13	Hanover	13	Botetourt
14	Prince George	14	Chesterfield
15	Poquoson City	15	Stafford
16	Chesterfield	16	Fairfax City
17	Powhatan	17	Fauquier
18	Frederick	18	Fluvanna
19	Augusta	19	Montgomery
20	Montgomery	20	Clarke
21	Clarke	21	Prince William
22	Manassas City	22	Henrico
23	Shenandoah	23	Chesapeake City
24	Greene	24	Spotsylvania
25	Goochland	25	Isle of Wight
26	Fauquier	26	Salem City
27	Rockbridge	27	Virginia Beach City
28	Virginia Beach City	28	Powhatan
29	Roanoke	29	Bedford
30	Falls Church City	30	King George
31	Harrisonburg City	31	Charlottesville City
32	King George	32	Mathews
33	Botetourt	33	Augusta
34	Henrico	34	Gloucester
35	Spotsylvania	35	Rockingham
36	Mathews	36	King William
37	Chesapeake City	37	Orange
38	Isle of Wight	38	New Kent
39	Amelia	39	Frederick
40	Orange	40	Rappahannock

Rank	Health Outcomes	Rank	Health Factors
41	Culpeper	41	Greene
42	Rappahannock	42	Colonial Heights City
43	Charlottesville City	43	Culpeper
44	Nelson	44	Rockbridge
45	Bath	45	Warren
46	Campbell	46	Bland
47	King William	47	Radford City
48	Floyd	48	Suffolk City
49	Lexington City	49	Franklin
50	Lynchburg City	50	Amherst
51	New Kent	51	Floyd
52	Gloucester	52	Staunton City
53	Page	53	Bath
54	Carroll	54	Campbell
55	Bedford	55	Shenandoah
56	Caroline	56	Craig
57	Madison	57	Washington
58	Staunton City	58	Norton City
59	Warren	59	Giles
60	Fairfax City	60	Winchester City
61	Craig	61	Lexington City
62	Suffolk City	62	Northumberland
63	Louisa	63	Nelson
64	Radford City	64	Harrisonburg City
65	Salem City	65	Alleghany
66	Buena Vista City	66	Madison
67	Surry	67	Caroline
68	Appomattox	68	Manassas Park City
69	Middlesex	69	Patrick
70	Waynesboro City	70	Manassas City
71	Franklin	71	Williamsburg City
72	Amherst	72	Pittsylvania
73	Colonial Heights City	73	Amelia
74	Lancaster	74	Middlesex
75	Hampton City	75	Essex
76	Prince Edward	76	Surry
77	Giles	77	Prince George
78	King and Queen	78	Louisa
79	Bedford City	79	Waynesboro City
80	Galax City	80	Wythe
81	Buckingham	81	Hampton City
82	Bristol City	82	Charles City
83	Newport News City	83	Appomattox
84	Alleghany	84	Buena Vista City
85	Richmond	85	Fredericksburg City
86	Essex	86	Newport News City
87	Washington	87	Lancaster
88	Dinwiddie	88	King and Queen

Rank	Health Outcomes	Rank	Health Factors
89	Grayson	89	Bedford City
90	Winchester City	90	Dinwiddie
91	Pittsylvania	91	Richmond
92	Lunenburg	92	Lynchburg City
93	Northumberland	93	Westmoreland
94	Nottoway	94	Southampton
95	Norton City	95	Cumberland
96	Bland	96	Pulaski
97	Northampton	97	Page
98	Westmoreland	98	Grayson
99	Accomack	99	Buckingham
100	Wythe	100	Halifax
101	Williamsburg City	101	Smyth
102	Fredericksburg City	102	Scott
103	Charles City	103	Carroll
104	Cumberland	104	Tazewell
105	Mecklenburg	105	Prince Edward
106	Norfolk City	106	Mecklenburg
107	Greensville	107	Greensville
108	Southampton	108	Covington City
109	Patrick	109	Bristol City
110	Halifax	110	Charlotte
111	Brunswick	111	Accomack
112	Pulaski	112	Galax City
113	Covington City	113	Northampton
114	Lee	114	Norfolk City
115	Roanoke City	115	Portsmouth City
116	Portsmouth City	116	Lunenburg
117	Charlotte	117	Franklin City
118	Sussex	118	Nottoway
119	Wise	119	Russell
120	Scott	120	Henry
121	Richmond City	121	Richmond City
122	Danville City	122	Sussex
123	Franklin City	123	Roanoke City
124	Smyth	124	Lee
125	Russell	125	Dickenson
126	Emporia City	126	Buchanan
127	Henry	127	Brunswick
128	Hopewell City	128	Wise
129	Martinsville City	129	Danville City
130	Dickenson	130	Martinsville City
131	Buchanan	131	Emporia City
132	Tazewell	132	Hopewell City
133	Petersburg City	133	Petersburg City

Not Ranked: Highland

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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County Health Rankings & Roadmaps

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countyhealthrankings.org



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