

COUNTY HEALTH RANKINGS 2014: CODEBOOK FOR ANALYTIC DATASETS

The SAS and CSV files provided at <http://www.countyhealthrankings.org/rankings/data> contain the measure value, numerator, denominator and confidence intervals, where available, for all County Health Rankings ranked and unranked measures for each county in the nation.

This codebook and documentation provides the name of each variable, its data source and the years of data. For the full detailed list of variable names, please see the file titled “DataDictionary_2014.”

Standard variable format

Each measure variable name is coded with a measure ID. These measure IDs can be found in the tables at the end of the documentation and in the data dictionary referenced above. You will find at least five variables for each measure:

Measure value coded as v(measure id)_rawvalue
Numerator coded as v(measure id)_numerator
Denominator coded as v(measure id)_denominator
Lower bound of 95% confidence interval coded as v(measure id)_cilow
Upper bound of 95% confidence interval coded as v(measure id)_cihigh

Non-standard measure variables

Health care provider measures: Four measures have a “ratio” variable included. These measures and their corresponding variable are

- Primary care physicians (variable = v004_other_data_1),
- Dentists (variable = v088_other_data_1),
- Mental health providers (variable = v062_other_data_1), and
- Other primary care providers (variable = v131_other_data_1)

For these measures, we report a ratio of population:# number of providers on the website. However, in calculating the rankings, we use the actual *rate* of number of providers/100,000 population. We include both the rate (as the raw value variable), and the *ratio* (as the “other data 1” variable). If you are trying to replicate the rankings, you should use the rate rather than the ratio.

When a county has no reported providers (ratio = [population]:0), the value for the ratio variable is assigned to be the negative population value. For example, v004_other_data_1 stores the ratio variable as a positive number if the ratio is XXXX:1. However, for counties that have zero providers, the value is stored as a negative number to indicate that the ratio is different and is instead XXXX:0. (For example, if the ratio is 2000:0, the value stored in the field would be -2000.)

Drinking water violations value: The raw value for the drinking water violations measure represents the percent of population using public water that was affected by a drinking water violation.

For information about how the County Health Rankings are calculated, and more in depth descriptions of each of the measures, please visit www.countyhealthrankings.org

2014 Measures & Data Sources

	Measure (ID)	Data Source	Years of Data
HEALTH OUTCOMES			
Length of Life	Premature death (1)	National Center for Health Statistics	2008-2010
Quality of Life	Poor or fair health (2)	Behavioral Risk Factor Surveillance System	2006-2012
	Poor physical health days (36)	Behavioral Risk Factor Surveillance System	2006-2012
	Poor mental health days (42)	Behavioral Risk Factor Surveillance System	2006-2012
	Low birthweight (37)	National Center for Health Statistics	2005-2011
HEALTH FACTORS			
HEALTH BEHAVIORS			
Tobacco Use	Adult smoking (9)	Behavioral Risk Factor Surveillance System	2006-2012
Diet and Exercise	Adult obesity (11)	CDC Diabetes Interactive Atlas	2010
	Food environment index (133)	USDA Food Environment Atlas, Map the Meal Gap	2010-2011
	Physical inactivity (70)	CDC Diabetes Interactive Atlas	2010
	Access to exercise opportunities (132)	OneSource Global Business Browser, Delorme map data, ESRI, & US Census Tigerline Files	2010 & 2012
Alcohol and Drug Use	Excessive drinking (49)	Behavioral Risk Factor Surveillance System	2006-2012
	Alcohol-impaired driving deaths (134)	Fatality Analysis Reporting System	2008-2012
Sexual Activity	Sexually transmitted infections (45)	National Center for HIV/AIDS, Viral Hepatitis, STD, and TB prevention	2011
	Teen births (14)	National Center for Health Statistics	2005-2011
CLINICAL CARE			
Access to Care	Uninsured (85)	Small Area Health Insurance Estimates	2011
	Primary care physicians (4)	HRSA Area Resource File	2011
	Dentists (88)	HRSA Area Resource File	2012
	Mental health providers (62)	CMS, National Provider Identification	2013
Quality of Care	Preventable hospital stays (5)	Dartmouth Atlas of Health Care	2011
	Diabetic screening (7)	Dartmouth Atlas of Health Care	2011
	Mammography screening (50)	Dartmouth Atlas of Health Care	2011
SOCIAL AND ECONOMIC FACTORS			
Education	High school graduation (21)	data.gov, supplemented w/ NCES	2010-2011
	Some college (69)	American Community Survey	2008-2012
Employment	Unemployment (23)	Bureau of Labor Statistics	2012
Income	Children in poverty (24)	Small Area Income and Poverty Estimates	2012
Family and Social Support	Inadequate social support (40)	Behavioral Risk Factor Surveillance System	2005-2010
	Children in single-parent households (82)	American Community Survey	2008-2012
Community Safety	Violent crime (43)	Uniform Crime Reporting - FBI	2009-2011
	Injury deaths (135)	CDC WONDER	2006-2010
PHYSICAL ENVIRONMENT			
Air and Water Quality	Air pollution - particulate matter ¹ (125)	CDC WONDER	2011
	Drinking water violations (124)	Safe Drinking Water Information System	FY 2012-2013
Housing and Transit	Severe housing problems (136)	HUD, Comprehensive Housing Affordability Strategy	2006-2010
	Driving alone to work (67)	American Community Survey	2008-2012
	Long commute – driving alone (137)	American Community Survey	2008-2012

¹ Not available for AK and HI.

Additional Measures, Data Sources, and Years of Data, 2014

Measure (ID)	Data Source	Years of Data
DEMOGRAPHICS		
Population (51)	Census Population Estimates	2012
% below 18 years of age (52)	Census Population Estimates	2012
% 65 and older (53)	Census Population Estimates	2012
% Non-Hispanic African American (54)	Census Population Estimates	2012
% American Indian and Alaskan Native (55)	Census Population Estimates	2012
% Asian (81)	Census Population Estimates	2012
% Native Hawaiian/Other Pacific Islander (80)	Census Population Estimates	2012
% Hispanic (56)	Census Population Estimates	2012
% Non-Hispanic white (126)	Census Population Estimates	2012
% not proficient in English (59)	American Community Survey, 5-year estimates	2008-2012
% Females (57)	Census Population Estimates	2012
% Rural (58)	Census Population Estimates	2010
HEALTH OUTCOMES		
Diabetes (60)	CDC Diabetes Interactive Atlas	2010
HIV prevalence rate (61)	National Center for HIV/AIDS, Viral Hepatitis, STD, and TB Prevention	2010
Premature age-adjusted mortality (127)	CDC WONDER mortality data	2008-2010
Infant mortality (129)	Health Indicators Warehouse	2002-2008
Child mortality (128)	CDC WONDER mortality data	2007-2010
HEALTH BEHAVIORS		
Food insecurity (139)	Map the Meal Gap	2011
Limited access to healthy foods (83)	USDA Food Environment Atlas	2010
Motor vehicle crash deaths (39)	National Center for Health Statistics	2004-2010
Drug poisoning deaths (138)	CDC WONDER mortality data	2004-2010
CLINICAL CARE		
Uninsured adults (3)	Small Area Health Insurance Estimates	2011
Uninsured children (122)	Small Area Health Insurance Estimates	2011
Health care costs (86)	Dartmouth Atlas of Health Care	2011
Could not see doctor due to cost (87)	Behavioral Risk Factor Surveillance System	2006-2012
Other primary care providers (131)	CMS, National Provider Identification	2013
SOCIAL AND ECONOMIC FACTORS		
Median household income (63)	Small Area Income and Poverty Estimates	2012
Children eligible for free lunch (65)	National Center for Education Statistics	2010-2011
Homicide rate (15)	National Center for Health Statistics	2004-2010