

COUNTY HEALTH RANKINGS 2013: 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_2013.”

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: Three 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

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

2013 Measures & Data Sources

	Measure (ID)	Data Source	Years of Data
HEALTH OUTCOMES			
Mortality	Premature death (1)	National Center for Health Statistics	2008-2010
Morbidity	Poor or fair health (2)	Behavioral Risk Factor Surveillance System	2005-2011
	Poor physical health days (36)	Behavioral Risk Factor Surveillance System	2005-2011
	Poor mental health days (42)	Behavioral Risk Factor Surveillance System	2005-2011
	Low birthweight (37)	National Center for Health Statistics	2004-2010
HEALTH FACTORS			
HEALTH BEHAVIORS			
Tobacco Use	Adult smoking (9)	Behavioral Risk Factor Surveillance System	2005-2011
Diet and Exercise	Adult obesity (11)	CDC Diabetes Interactive Atlas	2009
	Physical inactivity (70)	CDC Diabetes Interactive Atlas	2009
Alcohol Use	Excessive drinking (49)	Behavioral Risk Factor Surveillance System	2005-2011
	Motor vehicle crash death rate (39)	National Center for Health Statistics	2004-2010
Sexual Activity	Sexually transmitted infections (45)	National Center for Hepatitis, HIV, STD and TB Prevention	2010
	Teen birth rate (14)	National Center for Health Statistics	2004-2010
CLINICAL CARE			
Access to Care	Uninsured (85)	Small Area Health Insurance Estimates	2010
	Primary care physicians (4)	HRSA Area Resource File	2010
	Dentists (88)	HRSA Area Resource File	2010
Quality of Care	Preventable hospital stays (5)	Dartmouth Atlas of Health Care	2010
	Diabetic screening (7)	Dartmouth Atlas of Health Care	2010
	Mammography screening (50)	Dartmouth Atlas of Health Care	2010
SOCIAL AND ECONOMIC FACTORS			
Education	High school graduation (21)	Primarily state-specific sources, supplemented with National Center for Education Statistics	State-specific
	Some college (69)	American Community Survey	2007-2011
Employment	Unemployment (23)	Bureau of Labor Statistics	2011
Income	Children in poverty (24)	Small Area Income and Poverty Estimates	2011
Family and Social Support	Inadequate social support (40)	Behavioral Risk Factor Surveillance System	2005-2010
	Children in single-parent households (82)	American Community Survey	2007-2011
Community Safety	Violent crime rate (43)	Uniform Crime Reporting - FBI	2008-2010
PHYSICAL ENVIRONMENT			
Environmental Quality	Daily particulate matter days ¹ (125)	CDC WONDER	2008
	Drinking water safety (124)	Safe Drinking Water Information System	FY2012
Built Environment	Access to recreational facilities (68)	Census County Business Patterns	2010
	Limited access to healthy foods (83)	USDA Environmental Food Atlas	2012
	Fast food restaurants (84)	Census County Business Patterns	2010

¹ Not available for AK and HI.

Additional Measures, Data Sources, and Years of Data, 2013

Measure (ID)	Data Source	Years of Data
DEMOGRAPHICS		
Population (51)	Census Population Estimates	2011
% below 18 years of age (52)	Census Population Estimates	2011
% 65 and older (53)	Census Population Estimates	2011
% Non-Hispanic African American (54)	Census Population Estimates	2011
% American Indian and Alaskan Native (55)	Census Population Estimates	2011
% Asian (81)	Census Population Estimates	2011
% Native Hawaiian/Other Pacific Islander (80)	Census Population Estimates	2011
% Hispanic (56)	Census Population Estimates	2011
% Non-Hispanic white (126)	Census Population Estimates	2011
% not proficient in English (59)	American Community Survey, 5-year estimates	2007-2011
% Females (57)	Census Population Estimates	2011
% Rural (58)	Census Population Estimates	2010
HEALTH OUTCOMES		
Diabetes (60)	CDC Diabetes Interactive Atlas	2009
HIV prevalence rate (61)	National Center for HIV/AIDS, Viral Hepatitis, STD, and TB Prevention	2009
Premature age-adjusted mortality (127)	CDC WONDER mortality data	2008-2010
Infant mortality (129)	CDC WONDER mortality data	2007-2010
Child mortality (128)	CDC WONDER mortality data	2006-2010
CLINICAL CARE		
Mental health providers (62)	HRSA Area Resource File	2011-2012
Health care costs (86)	Dartmouth Atlas of Health Care	2009
Uninsured adults (3)	Small Area Health Insurance Estimates	2010
Uninsured children (122)	Small Area Health Insurance Estimates	2010
Could not see doctor due to cost (87)	Behavioral Risk Factor Surveillance System	2005-2011
SOCIAL AND ECONOMIC FACTORS		
Median household income (63)	Small Area Income and Poverty Estimates	2011
High housing costs (64)	American Community Survey, 5-year estimates	2007-2011
Children eligible for free lunch (65)	National Center for Education Statistics	2010-2011
Homicide rate (15)	National Center for Health Statistics	2004-2010
PHYSICAL ENVIRONMENT		
Commuting alone (67)	American Community Survey, 5-year estimates	2007-2011
Access to parks (130)	Environmental Public Health Tracking Network	2010