

# COUNTY HEALTH RANKINGS 2010: 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\_2010."

## 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 variable

**Primary care physicians:** This measure has a "ratio" variable included. This variable name is v004\_other\_data\_1. It indicates the 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 v004\_rawvalue variable), and the *ratio*, as v004\_other\_data\_1. 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.)

**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](http://www.countyhealthrankings.org)**

## 2010 Measures & Data Sources

	Measure (ID)	Data Source	Years of Data
<b>HEALTH OUTCOMES</b>			
<b>Mortality</b>	Premature death (1)	National Center for Health Statistics	2004-2006
<b>Morbidity</b>	Poor or fair health (2)	Behavioral Risk Factor Surveillance System	2002-2008
	Poor physical health days (36)	Behavioral Risk Factor Surveillance System	2002-2008
	Poor mental health days (42)	Behavioral Risk Factor Surveillance System	2002-2008
	Low birthweight (37)	National Center for Health Statistics	2000-2006
<b>HEALTH FACTORS</b>			
<b>HEALTH BEHAVIORS</b>			
<b>Tobacco</b>	Adult smoking (9)	Behavioral Risk Factor Surveillance System	2002-2008
<b>Diet and Exercise</b>	Adult obesity (11)	CDC Diabetes Interactive Atlas	2007
<b>Alcohol Use</b>	Binge drinking (12)	Behavioral Risk Factor Surveillance System	2002-2008
	Motor vehicle crash death rate (39)	National Center for Health Statistics	2000-2006
<b>High Risk Sexual Behavior</b>	Chlamydia rate (45)	National Center for Hepatitis, HIV, STD and TB Prevention	2007
	Teen birth rate (14)	National Center for Health Statistics	2000-2006
<b>CLINICAL CARE</b>			
<b>Access to Care</b>	Uninsured adults (3)	Small Area Health Insurance Estimates, U.S. Census	2005
	Primary care physicians (4)	Health Resources & Services Administration	2006
<b>Quality of Care</b>	Preventable hospital stays (5)	Dartmouth Atlas of Health Care	2005-2006
	Diabetic screening (7)	Dartmouth Atlas of Health Care	2003-2006
	Hospice use (38)	Dartmouth Atlas of Health Care	2001-2006
<b>SOCIOECONOMIC FACTORS</b>			
<b>Education</b>	High school graduation (21)	National Center for Education Statistics	2005-2006
	College degrees (22)	American Community Survey	2005-2007
<b>Employment</b>	Unemployment (23)	Bureau of Labor Statistics	2008
<b>Income</b>	Children in poverty (24)	Small Area Income and Poverty Estimates, U.S. Census	2007
<b>Family and Social Support</b>	Inadequate social support (40)	Behavioral Risk Factor Surveillance System	2005-2008
	Single-parent households (28)	American Community Survey	2005-2007
<b>Community Safety</b>	Violent crime (43)	Uniform Crime Reporting - FBI	2005-2007
	Homicides (15)	National Center for Health Statistics	2000-2006
<b>PHYSICAL ENVIRONMENT</b>			
<b>Air Quality<sup>1</sup></b>	Air pollution-particulate matter days (46)	Environmental Public Health Tracking Network	2005
	Air pollution-ozone days (29)	Environmental Public Health Tracking Network	2005
<b>Built Environment</b>	Access to healthy foods (30)	Census County Business Patterns	2006
	Liquor store density (41)	Census County Business Patterns	2006

<sup>1</sup> Not available for AK and HI.