

## County Health Rankings Indicators

### Pilot Projects Indicators

	Number	Indicator	Pilot	Data Source	Years	Geographic Unit	Subpopulation	Data Suppression	Temporal
Health Outcomes									
Length of Life									
Years of potential life lost before age 75 per 100,000 population (age-adjusted)	1	Age-adjusted years of potential life lost before age 75 per 100,000 population (age-adjusted)	NY	New York State Vital Records	2009-2013	ZIP code	Race/ethnicity	Primary: Mortality estimates were suppressed when the population denominators included fewer than 50 people. Secondary and tertiary suppression applied as needed.	5 years
	2	Rate of years of potential life lost (YPLL) before age 75 occurring in a hospital setting	MO	Missouri Hospital Association, HIDI Inpatient Hospital Discharge Databases	2012-2014	ZIP code		Suppression criteria per agreement with participating hospitals: minimum volume threshold for candidate ZIP-level measures (less than 100 encounters). Additional Winsorization criteria also used.	3 years
	3	Rate of deaths before age 75 occurring in a hospital setting	MO	Missouri Hospital Association, HIDI Inpatient Hospital Discharge Databases	2012-2014	ZIP code		See #2	3 years
Quality of Life									
Percentage of live births with low birthweight (< 2500 grams)	4	The percentage of births born weighing less than 2,500 grams (excludes births with unknown birthweight).	NY	New York State Vital Records	2007-2013	ZIP code	Race/ethnicity, age group, Medicaid status, education	Primary: birth estimates were suppressed when the denominators included fewer than 30 births. Secondary and tertiary suppression applied as needed.	7 years
	5	Prevalence of low birth-weight	MO	Missouri Hospital Association, HIDI Inpatient and Outpatient Hospital Discharge Databases	2012-2014	ZIP code		See #2	3 years
	6	Prevalence of high-risk pregnancies	MO	Missouri Hospital Association, HIDI Inpatient and Outpatient Hospital Discharge Databases	2012-2014	ZIP code		See #2	3 years
Average number of mentally unhealthy days reported in past 30 days (age-adjusted)	7	Percentage of adults who reported that their mental health was poor or not good on at least 14 of the past 30 days. "Poor" and "not good" mental health days include days when there was stress, depression, and problems with emotions.	NY	New York State 2013-2014 Expanded Behavioral Risk Factor Surveillance Survey (eBRFSS)	April 2013 - March 2014	Minor civil division (where data available)		Primary: estimates were suppressed when the population numerators included fewer than 10 people or the denominators included less than 50 people. Secondary and tertiary suppression applied as needed.	1 year
	8	Hospital utilization rates for mental health	MO	Missouri Hospital Association, HIDI Inpatient and Outpatient Hospital Discharge Databases	2012-2014	ZIP code		See #2	3 years
Percentage of adults reporting fair or poor health (age-adjusted)	9	Inpatient and ED Hospital utilization rates	MO	Missouri Hospital Association, HIDI Inpatient and Outpatient Hospital Discharge Databases	2012-2014	ZIP code		See #2	3 years
	10	Percentage of adults reporting fair or poor health	CA	Model estimate, UCLA: California Health Interview Survey, Neighborhood Edition (UCLA-CHIS-NE)	2013-2014	ZCTA		UCLA-CHIS-NE suppression rules: The coefficient of variation (CV) was calculated for each estimate to assess statistical stability. A point estimate with CV ≥ 30% is considered unstable. Unstable estimates and estimates for areas with a population universe of less than 1,000 are suppressed.	2 years
Health Factors									
Health Behaviors									
Diet and Exercise									

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Indicators**

**Pilot Projects Indicators**

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Percentage of adults that report a BMI of 30 or more	11	Percentage of adults who are obese (i.e., body mass index greater than or equal to 30.0) based on self-reported weight and height.	NY	eBRFSS	April 2013 - March 2014	Minor civil division (where data available)		See #7	1 year
	12	Percentage of adults that report a BMI of 30 or more	CA	Model estimate, UCLA: California Health Interview Survey, Neighborhood Edition	2013-2014	ZCTA	Race/ethnicity	See #10	2 years
	13	Diagnosed morbid obesity rate	MO	Missouri Hospital Association, HIDI Inpatient and Outpatient Hospital Discharge Databases	2012-2014	ZIP code		See #2	3 years
Index of factors that contribute to a healthy food environment, 0 (worst) to 10 (best)	14	Percentage of adults who report being always, usually, or sometimes stressed about having enough money to buy nutritious meals.	NY	eBRFSS	April 2013 - March 2014	Minor civil division (where data available)		See #7	1 year
<b>Tobacco Use</b>									
Percentage of adults who are current smokers	15	Percentage of adults who report smoking at least 100 cigarettes in their lifetime, and currently smoke on at least some days.	NY	eBRFSS	April 2013 - March 2014	Minor civil division (where data available)		See #7	1 year
<b>Alcohol and Drug Use</b>									
Percentage of adults reporting binge or heavy drinking	16	Heavy or binge drinking is defined as: (a) consuming 5 (men) / 4 (women) or more drinks on an occasion during the past 30 days, or consuming greater than 2 (men) / 1 (women) alcoholic beverages per day in the past 30 days	NY	eBRFSS	April 2013 - March 2014	Minor civil division (where data available)		See #7	1 year
<b>Sexual Activity</b>									
Teen birth rate per 1,000 female population, ages 15-19	17	Teen pregnancy rate per 1,000 female population aged 15-19 years	NY	New York State Vital Records	2011-2013	ZIP code	Race/ethnicity	Primary: estimates were suppressed when the population denominators included fewer than 50 people. Secondary and tertiary suppression applied as needed.	3 years
	18	Teen birth/pregnancy rate	MO	Missouri Hospital Association, HIDI Inpatient and Outpatient Hospital Discharge Databases	2012-2014	ZIP code		See #2	3 years
Number of newly diagnosed chlamydia cases per 100,000 population	19	Diagnosed STI rate	MO	Missouri Hospital Association, HIDI Inpatient and Outpatient Hospital Discharge Databases	2012-2014	ZIP code		See #2	3 years
<b>Clinical Care</b>									
<b>Quality of Care</b>									
Number of hospital stays for ambulatory-care sensitive conditions per 1,000 Medicare enrollees	20	Age-adjusted preventable hospitalization rate per 10,000 population aged 18 and over	NY	Statewide Planning and Research Cooperative System (SPARCS)	2011-2013	ZIP code	Race/ethnicity, age group	Primary: Hospitalization estimates were suppressed when numerators included fewer than 6 cases. Secondary and tertiary suppression applied as needed.	3 years
	21	AHRQ Prevention Quality Indicators	MO	Missouri Hospital Association, HIDI Inpatient and Outpatient Hospital Discharge Databases	2012-2014	ZIP code		See #2	3 years
<b>Access to Care</b>									
Ratio of population to primary care physicians	22	Population 16+ employed in health care occupation	MO	Nielsen Pop-Facts Premier	2012-2014	ZIP code		All estimates suppressed for ZIP codes with less than 100 hospital encounters	3 years

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	Number	Indicator	Pilot	Data Source	Years	Geographic Unit	Subpopulation	Data Suppression	Temporal
Percentage of population under age 65 without health insurance	23	Percentage of population under age 65 without health insurance	CA	Model estimate, UCLA: California Health Interview Survey, Neighborhood Edition	2013-2014	ZCTA		See #10	2 years
Primary Care Physician Access	24	Rate of after hours ED visits	MO	Missouri Hospital Association, HIDI Inpatient and Outpatient Hospital Discharge Databases	2012-2014	ZIP code		See #2	3 years
<b>Social and Economic Environment</b>									
<b>Education</b>									
Percentage of ninth-grade cohort that graduates in four years	25	Percent age 25+ with less than high school	MO	Nielsen Pop-Facts Premier	2012-2014	ZIP code		See #36	3 years
Percentage of adults ages 25-44 years with some post-secondary education	26	Percentage of adults ages 25-44 years with some post-secondary education	CA	American Community Survey, U.S. Census	2010-2014	Census tracts	Race/ethnicity, sex	Primary. Population: there must be at least 7,000 people (for 5-year) in the specific population subgroup. More information: <a href="https://www2.census.gov/programs-surveys/acs/tech_docs/data_suppression/ACSO_Data_Suppression.pdf">https://www2.census.gov/programs-surveys/acs/tech_docs/data_suppression/ACSO_Data_Suppression.pdf</a> .	5 years
<b>Employment</b>									
Percentage of population ages 16 and older unemployed but seeking work	27	Unemployment rate	MO	Nielsen Pop-Facts Premier	2012-2014	ZIP code			3 years
	28	Percentage of population ages 16 and older unemployed but seeking work	CA	American Community Survey, U.S. Census	2010-2014	Census tracts	Race/ethnicity, sex, disability status, poverty level	See #26	5 years
<b>Income</b>									
Percentage of children under age 18 in poverty	29	Childhood poverty rate	MO	Nielsen Pop-Facts Premier	2012-2014	ZIP code			3 years
	30	Percentage of children under age 18 in poverty	CA	American Community Survey, U.S. Census	2010-2014	Census tracts	Race/ethnicity, sex	See #26	5 years
Ratio of household income at the 80th percentile to income at the 20th percentile	31	Median HH income	MO	Nielsen Pop-Facts Premier	2012-2014	ZIP code			3 years
	32	Pre-validated Model socioeconomic deprivation index	MO	Missouri Socioeconomic Deprivation Index Database - Lian M et al. Geographic variation in colorectal cancer survival and the role of small-area socioeconomic deprivation: a multilevel survival analysis of the NIH-AARP Diet and Health Study cohort. <i>Am J Epidemiol</i> . 2011;174(7):828-838.	2010	ZIP code		See #2	1 year
	33	Ratio of household income at the 80th percentile to income at the 20th percentile	CA	American Community Survey, U.S. Census	2010-2014	Census tracts		See #26	5 years
<b>Community Safety</b>									
Number of deaths due to injury per 100,000 population	34	Injury mortality rate per 100,000 population	NY	New York State Vital Records	2009-2013	ZIP code	Race/ethnicity, age group	See #1	5 years
	35	Rate of hospital mortality for injury	MO	Missouri Hospital Association, HIDI Inpatient and Outpatient Hospital Discharge Databases	2012-2014	ZIP code		See #2	3 years
Number of reported violent crime offenses per 100,000 population	36	Rate of diagnosed assault-gun, weapon, rape, etc.	MO	Missouri Hospital Association, HIDI Inpatient and Outpatient Hospital Discharge Databases	2012-2014	ZIP code		See #2	5 years

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	37	Number of reported violent crime offenses per 100,000 population	CA	Unified Crime Reports, Federal Bureau of Investigations	2013	City/town		N/A ( <a href="https://ucr.fbi.gov/data-quality-guidelines-new">https://ucr.fbi.gov/data-quality-guidelines-new</a> )	1 year
<b>Physical Environment</b>									
<b>Housing and Transit</b>									
Percentage of households with at least 1 of 4 housing problems: overcrowding, high housing costs, or lack of kitchen or plumbing facilities	38	Percentage of adults who report being always, usually, or sometimes stressed about having enough money for their rent or mortgage.	NY	eBRFSS	April 2013 - March 2014	Minor civil division (where data available)		See #7	1 year
	39	Percentage of households with at least 1 of 4 housing problems: overcrowding, high housing costs, or lack of kitchen or plumbing facilities	CA	U.S. Department of Housing and Urban Development, Comprehensive Housing Affordability Strategy	2009-2013	Census tract	Race/ethnicity	Same as American Community Survey data (#26). More information: <a href="https://www.huduser.gov/portal/datasets/cp/CHAS/data_doc_chas.html">https://www.huduser.gov/portal/datasets/cp/CHAS/data_doc_chas.html</a>	5 years
Percentage of the workforce that drives alone to work	40	Percentage of the workforce that drives alone to work	CA	American Community Survey, U.S. Census	2010-2014	Census tracts	Race/ethnicity, sex, poverty level	See #26	5 years