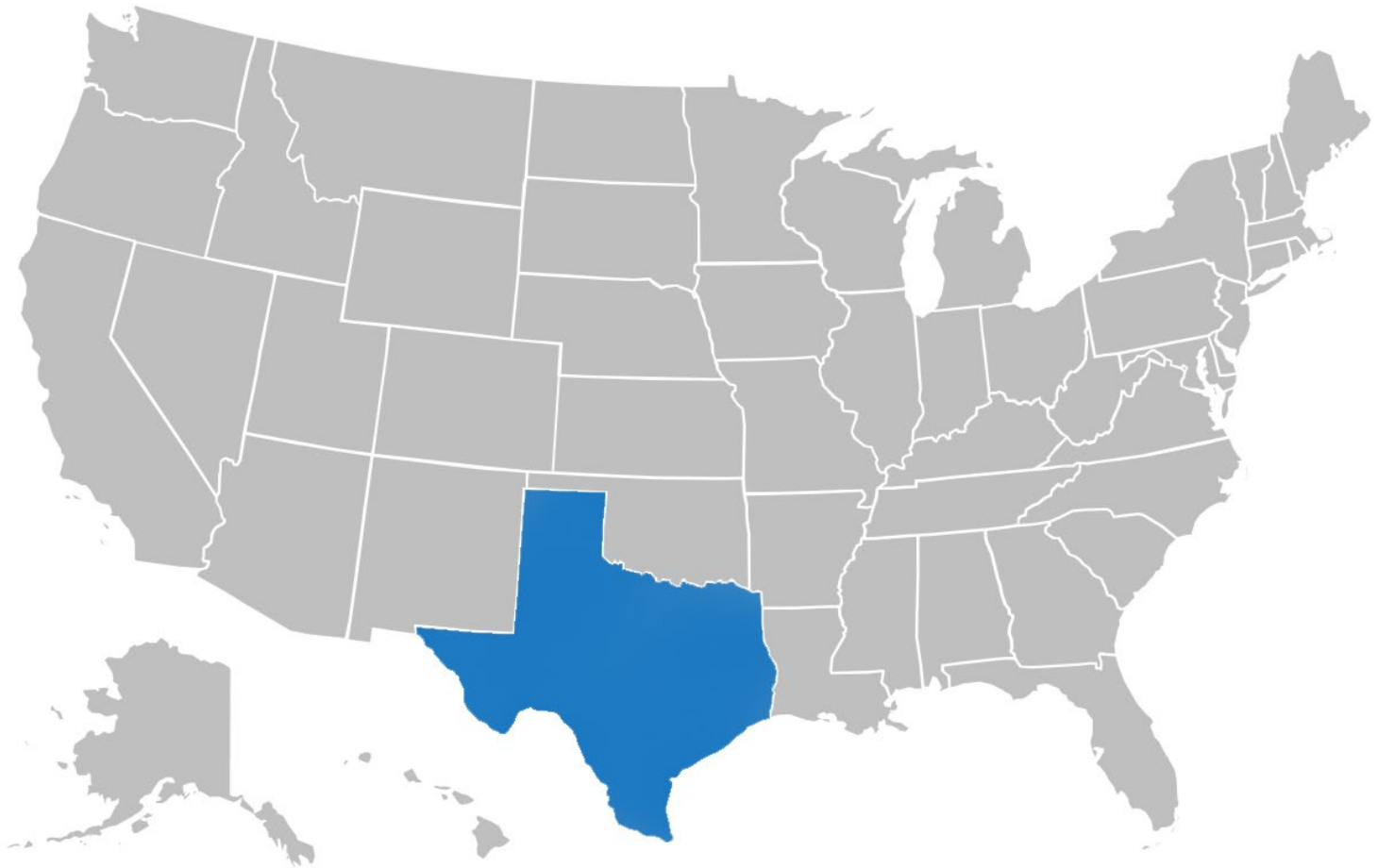


County Health Rankings & Roadmaps

Building a Culture of Health, County by County

Texas



2021 State Level Data and Ranks



2021 County Health Rankings for Texas: Measures and National/State Results

Measure	Description	US	TX	TX Minimum	TX Maximum
HEALTH OUTCOMES					
Premature death*	Years of potential life lost before age 75 per 100,000 population (age-adjusted).	6,900	6,600	4,100	12,400
Poor or fair health	Percentage of adults reporting fair or poor health (age-adjusted).	17%	19%	14%	41%
Poor physical health days	Average number of physically unhealthy days reported in past 30 days (age-adjusted).	3.7	3.8	3.0	5.9
Poor mental health days	Average number of mentally unhealthy days reported in past 30 days (age-adjusted).	4.1	3.8	3.4	5.3
Low birthweight*	Percentage of live births with low birthweight (< 2,500 grams).	8%	8%	5%	16%
HEALTH FACTORS					
HEALTH BEHAVIORS					
Adult smoking	Percentage of adults who are current smokers (age-adjusted).	17%	14%	12%	24%
Adult obesity	Percentage of the adult population (age 20 and older) that reports a body mass index (BMI) greater than or equal to 30 kg/m ² .	30%	31%	18%	47%
Food environment index	Index of factors that contribute to a healthy food environment, from 0 (worst) to 10 (best).	7.8	5.9	1.1	8.9
Physical inactivity	Percentage of adults age 20 and over reporting no leisure-time physical activity.	23%	23%	15%	41%
Access to exercise opportunities	Percentage of population with adequate access to locations for physical activity.	84%	81%	0%	98%
Excessive drinking	Percentage of adults reporting binge or heavy drinking (age-adjusted).	19%	19%	14%	23%
Alcohol-impaired driving deaths	Percentage of driving deaths with alcohol involvement.	27%	26%	0%	100%
Sexually transmitted infections	Number of newly diagnosed chlamydia cases per 100,000 population.	539.9	517.6	80.2	5,215.5
Teen births*	Number of births per 1,000 female population ages 15-19.	21	31	10	83
CLINICAL CARE					
Uninsured	Percentage of population under age 65 without health insurance.	10%	20%	11%	32%
Primary care physicians	Ratio of population to primary care physicians.	1,320:1	1,640:1	1,890:0	720:1
Dentists	Ratio of population to dentists.	1,400:1	1,680:1	3,850:0	980:1
Mental health providers	Ratio of population to mental health providers.	380:1	830:1	850:0	320:1
Preventable hospital stays*	Rate of hospital stays for ambulatory-care sensitive conditions per 100,000 Medicare enrollees.	4,236	4,793	1,118	11,644
Mammography screening*	Percentage of female Medicare enrollees ages 65-74 that received an annual mammography screening.	42%	37%	17%	49%
Flu vaccinations*	Percentage of fee-for-service (FFS) Medicare enrollees that had an annual flu vaccination.	48%	46%	11%	57%
SOCIAL & ECONOMIC FACTORS					
High school completion	Percentage of adults ages 25 and over with a high school diploma or equivalent.	88%	84%	26%	95%
Some college	Percentage of adults ages 25-44 with some post-secondary education.	66%	62%	1%	100%
Unemployment	Percentage of population ages 16 and older unemployed but seeking work.	3.7%	3.5%	0.7%	9.8%
Children in poverty*	Percentage of people under age 18 in poverty.	17%	19%	7%	44%
Income inequality	Ratio of household income at the 80th percentile to income at the 20th percentile.	4.9	4.8	2.6	7.3
Children in single-parent households	Percentage of children that live in a household headed by single parent.	26%	26%	0%	63%
Social associations	Number of membership associations per 10,000 population.	9.3	7.5	0.0	31.1
Violent crime	Number of reported violent crime offenses per 100,000 population.	386	420	0	978
Injury deaths*	Number of deaths due to injury per 100,000 population.	72	58	31	184
PHYSICAL ENVIRONMENT					
Air pollution - particulate matter	Average daily density of fine particulate matter in micrograms per cubic meter (PM2.5).	7.2	7.3	5.2	10.4
Drinking water violations	Indicator of the presence of health-related drinking water violations. 'Yes' indicates the presence of a violation, 'No' indicates no violation.	N/A	N/A	No	Yes
Severe housing problems	Percentage of households with at least 1 of 4 housing problems: overcrowding, high housing costs, lack of kitchen facilities, or lack of plumbing facilities.	18%	17%	0%	29%
Driving alone to work*	Percentage of the workforce that drives alone to work.	76%	81%	52%	97%
Long commute - driving alone	Among workers who commute in their car alone, the percentage that commute more than 30 minutes.	37%	39%	6%	65%

* Indicates subgroup data by race and ethnicity is available

2021 County Health Rankings: Disaggregated State-Level Racial/Ethnic Data

Measure	Overall	AIAN	Asian	Black	Hispanic	White
HEALTH OUTCOMES						
Premature death*	6,600	3,500	3,000	9,900	5,500	7,100
Life expectancy	79.2	106.8	88.3	75.6	81.7	78.4
Premature age-adjusted mortality	340	150	150	480	280	360
Child mortality	50	20	30	90	40	50
Infant mortality	6	---	4	11	5	5
Low birthweight*	8%	7%	9%	13%	8%	7%
HEALTH FACTORS						
HEALTH BEHAVIORS						
Drug overdose deaths	11	8	2	13	6	15
Motor vehicle crash deaths	13	8	5	14	12	15
Teen births*	31	16	5	32	43	19
CLINICAL CARE						
Preventable hospital stays*	4,793	7,270	2,847	7,202	5,237	4,422
Mammography screening*	37%	37%	33%	37%	30%	39%
Flu vaccinations*	46%	46%	51%	34%	37%	49%
SOCIAL & ECONOMIC FACTORS						
Reading scores [^]	2.9	N/A	3.5	2.5	2.7	3.2
Math scores ⁺	3.1	N/A	4.0	2.7	3.0	3.4
Children in poverty* [‡]	19%	20%	10%	27%	28%	9%
Median household income	\$64,000	\$56,400	\$88,500	\$46,600	\$49,300	\$75,900
Injury deaths*	58	35	22	64	39	77
Homicides	5	3	2	16	5	3
Suicides	13	10	7	7	7	20
Firearm fatalities	12	7	4	19	7	16
PHYSICAL ENVIRONMENT						
Driving alone to work*	81%	76%	76%	81%	79%	82%

* Ranked measure

[^] Data not available for AK, AZ, LA, MD, NM, NY, VT

⁺ Data not available for AK, AZ, LA, MD, NY, VT, VA

[‡] Overall county level values of children in poverty are obtained from one-year modeled estimates from the Small Area Income and Poverty Estimates (SAIPE) Program. Because SAIPE does not provide estimates by racial and ethnic groups, data from the 5-year American Community Survey (ACS) was used to quantify children living in poverty by racial and ethnic groups.

N/A indicates data not available for this race/ethnicity.

--- Data not reported due to NCHS suppression rules (A missing value is reported for counties with fewer than 20 deaths or 10 births.)

2021 County Health Rankings: Ranked Measure Sources and Years of Data

	Measure	Weight	Source	Years of Data
HEALTH OUTCOMES				
Length of Life	Premature death*	50%	National Center for Health Statistics - Mortality Files	2017-2019
Quality of Life	Poor or fair health	10%	Behavioral Risk Factor Surveillance System	2018
	Poor physical health days	10%	Behavioral Risk Factor Surveillance System	2018
	Poor mental health days	10%	Behavioral Risk Factor Surveillance System	2018
	Low birthweight*	20%	National Center for Health Statistics - Natality files	2013-2019
HEALTH FACTORS				
HEALTH BEHAVIORS				
Tobacco Use	Adult smoking	10%	Behavioral Risk Factor Surveillance System	2018
Diet and Exercise	Adult obesity	5%	United States Diabetes Surveillance System	2017
	Food environment index	2%	USDA Food Environment Atlas, Map the Meal Gap from Feeding America	2015 & 2018
	Physical inactivity	2%	United States Diabetes Surveillance System	2017
	Access to exercise opportunities	1%	Business Analyst, Delorme map data, ESRI, & US Census Tigerline Files	2010 & 2019
Alcohol and Drug Use	Excessive drinking	2.5%	Behavioral Risk Factor Surveillance System	2018
	Alcohol-impaired driving deaths	2.5%	Fatality Analysis Reporting System	2015-2019
Sexual Activity	Sexually transmitted infections	2.5%	National Center for HIV/AIDS, Viral Hepatitis, STD, and TB Prevention	2018
	Teen births*	2.5%	National Center for Health Statistics - Natality files	2013-2019
CLINICAL CARE				
Access to Care	Uninsured	5%	Small Area Health Insurance Estimates	2018
	Primary care physicians	3%	Area Health Resource File/American Medical Association	2018
	Dentists	1%	Area Health Resource File/National Provider Identification file	2019
	Mental health providers	1%	CMS, National Provider Identification	2020
Quality of Care	Preventable hospital stays*	5%	Mapping Medicare Disparities Tool	2018
	Mammography screening*	2.5%	Mapping Medicare Disparities Tool	2018
	Flu vaccinations*	2.5%	Mapping Medicare Disparities Tool	2018
SOCIAL & ECONOMIC FACTORS				
Education	High school completion	5%	American Community Survey, 5-year estimates	2015-2019
	Some college	5%	American Community Survey, 5-year estimates	2015-2019
Employment	Unemployment	10%	Bureau of Labor Statistics	2019
Income	Children in poverty*	7.5%	Small Area Income and Poverty Estimates	2019
	Income inequality	2.5%	American Community Survey, 5-year estimates	2015-2019
Family and Social Support	Children in single-parent households	2.5%	American Community Survey, 5-year estimates	2015-2019
	Social associations	2.5%	County Business Patterns	2018
Community Safety	Violent crime	2.5%	Uniform Crime Reporting - FBI	2014 & 2016
	Injury deaths*	2.5%	National Center for Health Statistics - Mortality Files	2015-2019
PHYSICAL ENVIRONMENT				
Air and Water Quality	Air pollution - particulate matter	2.5%	Environmental Public Health Tracking Network	2016
	Drinking water violations	2.5%	Safe Drinking Water Information System	2019
Housing and Transit	Severe housing problems	2%	Comprehensive Housing Affordability Strategy (CHAS) data	2013-2017
	Driving alone to work*	2%	American Community Survey, 5-year estimates	2015-2019
	Long commute - driving alone	1%	American Community Survey, 5-year estimates	2015-2019

*Indicates subgroup data by race and ethnicity is available

2021 County Health Rankings: Additional Measure Sources and Years of Data

	Measure	Source	Years of Data
HEALTH OUTCOMES			
Length of Life	Life expectancy*	National Center for Health Statistics - Mortality Files	2017-2019
	Premature age-adjusted mortality*	National Center for Health Statistics - Mortality Files	2017-2019
	Child mortality*	National Center for Health Statistics - Mortality Files	2016-2019
	Infant mortality*	National Center for Health Statistics - Mortality Files	2013-2019
Quality of Life	Frequent physical distress	Behavioral Risk Factor Surveillance System	2018
	Frequent mental distress	Behavioral Risk Factor Surveillance System	2018
	Diabetes prevalence	United States Diabetes Surveillance System	2017
	HIV prevalence	National Center for HIV/AIDS, Viral Hepatitis, STD, and TB Prevention	2018
HEALTH FACTORS			
HEALTH BEHAVIORS			
Diet and Exercise	Food insecurity	Map the Meal Gap	2018
	Limited access to healthy foods	USDA Food Environment Atlas	2015
Alcohol and Drug Use	Drug overdose deaths*	National Center for Health Statistics - Mortality Files	2017-2019
	Motor vehicle crash deaths*	National Center for Health Statistics - Mortality Files	2013-2019
Other Health Behaviors	Insufficient sleep	Behavioral Risk Factor Surveillance System	2018
CLINICAL CARE			
Access to Care	Uninsured adults	Small Area Health Insurance Estimates	2018
	Uninsured children	Small Area Health Insurance Estimates	2018
	Other primary care providers	CMS, National Provider Identification	2020
SOCIAL & ECONOMIC FACTORS			
Education	High school graduation	EDFacts	2017-2018
	Disconnected youth	American Community Survey, 5-year estimates	2015-2019
	Reading scores* ⁺	Stanford Education Data Archive	2018
	Math scores* ⁺	Stanford Education Data Archive	2018
Income	Median household income*	Small Area Income and Poverty Estimates	2019
	Children eligible for free or reduced price lunch	National Center for Education Statistics	2018-2019
Family and Social Support	Residential segregation - Black/White	American Community Survey, 5-year estimates	2015-2019
	Residential segregation - non-White/White	American Community Survey, 5-year estimates	2015-2019
Community Safety	Homicides*	National Center for Health Statistics - Mortality Files	2013-2019
	Suicides*	National Center for Health Statistics - Mortality Files	2015-2019
	Firearm fatalities*	National Center for Health Statistics - Mortality Files	2015-2019
	Juvenile arrests ⁺	Easy Access to State and County Juvenile Court Case Counts	2018
PHYSICAL ENVIRONMENT			
Housing and Transit	Traffic volume	EJSCREEN: Environmental Justice Screening and Mapping Tool	2019
	Homeownership	American Community Survey, 5-year estimates	2015-2019
	Severe housing cost burden	American Community Survey, 5-year estimates	2015-2019
	Broadband access	American Community Survey, 5-year estimates	2015-2019

*Indicates subgroup data by race and ethnicity is available

⁺ Not available in all states

See additional contextual demographic information and measures online at www.countyhealthrankings.org

2021 County Health Rankings for the 243 Ranked Counties in Texas

County	Health Outcomes		County	Health Outcomes		County	Health Outcomes		County	Health Outcomes		County	Health Outcomes	
	Health Outcomes	Health Factors		Health Outcomes	Health Factors		Health Outcomes	Health Factors		Health Outcomes	Health Factors		Health Outcomes	Health Factors
Anderson	201	190	Crane	95	72	Hartley	33	17	Madison	132	178	San Patricio	146	162
Andrews	41	100	Crockett	218	108	Haskell	136	195	Marion	241	233	San Saba	38	180
Angelina	179	150	Crosby	211	157	Hays	8	12	Martin	221	48	Schleicher	70	26
Aransas	213	187	Culberson	206	230	Hemphill	45	13	Mason	46	29	Scurry	88	109
Archer	15	28	Dallam	111	107	Henderson	202	200	Matagorda	163	214	Shackelford	135	30
Armstrong	54	18	Dallas	44	62	Hidalgo	56	234	Maverick	121	240	Shelby	214	222
Atascosa	82	149	Dawson	234	212	Hill	141	142	McCulloch	168	159	Sherman	51	27
Austin	58	53	Deaf Smith	80	82	Hockley	171	97	McLennan	102	85	Smith	67	46
Bailey	109	137	Delta	205	99	Hood	50	38	McMullen	NR	NR	Somervell	86	52
Bandera	77	54	Denton	4	5	Hopkins	144	124	Medina	40	67	Starr	192	243
Bastrop	57	145	DeWitt	137	127	Houston	216	205	Menard	96	120	Stephens	185	197
Baylor	204	44	Dickens	199	163	Howard	210	169	Midland	27	15	Sterling	NR	NR
Bee	187	217	Dimmit	160	154	Hudspeth	225	241	Milam	157	220	Stonewall	108	41
Bell	62	50	Donley	134	98	Hunt	142	172	Mills	117	92	Sutton	63	37
Bexar	53	25	Duval	243	221	Hutchinson	170	110	Mitchell	190	132	Swisher	223	194
Blanco	12	23	Eastland	193	117	Irion	NR	NR	Montague	183	116	Tarrant	35	32
Borden	NR	NR	Ector	169	139	Jack	188	184	Montgomery	9	24	Taylor	140	34
Bosque	90	79	Edwards	81	80	Jackson	91	87	Moore	112	88	Terrell	NR	NR
Bowie	197	170	El Paso	48	122	Jasper	227	229	Morris	219	185	Terry	229	226
Brazoria	17	39	Ellis	14	40	Jeff Davis	68	104	Motley	115	146	Throckmorton	106	136
Brazos	10	16	Erath	25	47	Jefferson	178	213	Nacogdoches	127	183	Titus	84	177
Brewster	29	31	Falls	164	209	Jim Hogg	145	218	Navarro	191	167	Tom Green	69	33
Briscoe	131	175	Fannin	138	96	Jim Wells	220	203	Newton	222	225	Travis	7	7
Brooks	242	238	Fayette	36	36	Johnson	52	102	Nolan	182	112	Trinity	230	206
Brown	143	58	Fisher	156	60	Jones	98	186	Nueces	89	95	Tyler	209	235
Burleson	87	160	Floyd	184	166	Karnes	93	114	Ochiltree	22	91	Upshur	175	135
Burnet	24	42	Foard	128	189	Kaufman	76	69	Oldham	75	35	Upton	152	76
Caldwell	124	168	Fort Bend	3	3	Kendall	5	6	Orange	208	202	Uvalde	119	131
Calhoun	65	147	Franklin	42	66	Kenedy	NR	NR	Palo Pinto	147	188	Val Verde	47	134
Callahan	149	78	Freestone	194	192	Kent	NR	NR	Panola	173	171	Van Zandt	125	101
Cameron	94	227	Frio	181	193	Kerr	85	14	Parker	13	22	Victoria	83	84
Camp	133	123	Gaines	26	196	Kimble	232	71	Parmer	151	94	Walker	43	179
Carson	16	8	Galveston	55	77	King	NR	NR	Pecos	72	176	Waller	34	155
Cass	200	210	Garza	31	126	Kinney	150	89	Polk	167	215	Ward	233	140
Castro	97	119	Gillespie	19	10	Kleberg	172	156	Potter	228	143	Washington	59	49
Chambers	39	105	Glasscock	NR	NR	Knox	196	115	Presidio	110	237	Webb	73	211
Cherokee	177	208	Goliad	66	55	La Salle	154	129	Rains	79	138	Wharton	148	144
Childress	189	81	Gonzales	118	173	Lamar	215	174	Randall	18	9	Wheeler	153	61
Clay	37	75	Gray	176	133	Lamb	180	151	Reagan	129	21	Wichita	165	56
Cochran	236	191	Grayson	120	106	Lampasas	28	65	Real	116	130	Wilbarger	198	182
Coke	78	57	Gregg	161	125	Lavaca	20	83	Red River	240	219	Willacy	195	242
Coleman	237	161	Grimes	186	204	Lee	103	86	Reeves	92	165	Williamson	2	2
Collin	1	1	Guadalupe	21	19	Leon	101	201	Refugio	99	111	Wilson	23	20
Collingsworth	105	216	Hale	122	141	Liberty	212	223	Roberts	NR	NR	Winkler	235	153
Colorado	139	70	Hall	238	228	Limestone	231	207	Robertson	203	199	Wise	64	103
Comal	11	11	Hamilton	217	74	Lipscomb	49	45	Rockwall	6	4	Wood	126	152
Comanche	114	121	Hansford	74	63	Live Oak	60	113	Runnels	113	59	Yoakum	32	68
Concho	130	128	Hardeman	158	164	Llano	104	64	Rusk	100	181	Young	107	118
Cooke	61	51	Hardin	159	148	Loving	NR	NR	Sabine	226	224	Zapata	166	236
Coryell	71	73	Harris	30	90	Lubbock	123	43	San Augustine	239	231	Zavala	224	239
Cottle	174	158	Harrison	162	198	Lynn	155	93	San Jacinto	207	232			

Technical Notes

How are race and ethnicity categories defined?

Race and ethnicity are different forms of identity but are sometimes categorized in non-exclusive ways. Race is a form of identity constructed by our society to give meaning to different groupings of observable physical traits. An individual may identify with more than one race group. Ethnicity is used to group individuals according to shared cultural elements. Racial and ethnic categorizations relate to health because our society sorts groups of individuals based on perceived identities. These categorizations have meaning because of social and political factors, including systems of power such as racism. Examining the variation among racial and ethnic groupings in health factors and outcomes is key to understanding and addressing historical and current context that underlie these differences.

Data sources differ in methods for defining and grouping race and ethnicity categories. To incorporate as much information as possible in our summaries, County Health Rankings & Roadmaps (CHR&R) race/ethnicity categories vary by data source. With a few exceptions, CHR&R adheres to the following nomenclature originally defined by [The Office of Management and Budget \(OMB\)](#):

American Indian & Alaska Native (AIAN): includes people who identify as American Indian or Alaska Native and do not identify as Hispanic.

Asian: includes people who identify as Asian or Pacific Islander and do not identify as Hispanic.

Black: includes people who identify as Black or African American and do not identify as Hispanic.

Hispanic: includes people who identify as Mexican, Puerto Rican, Cuban, Central or South American, other Hispanic, or Hispanic of unknown origin.

White: includes people who identify as White and do not identify as Hispanic.

Note:

- Racial and ethnic categorization masks variation within groups.
- Individuals may identify with multiple races, indicating that none of the offered categories reflect their identity; these individuals are not included in our summaries.
- OMB categories have limitations and have changed over time, reflecting the importance of attending to contemporary racialization as a principle for examining approaches to measurement.
- For some data sources, race categories other than White also include people who identify as Hispanic.

Learn More:

The above definitions apply to all measures using data from the [National Center for Health Statistics](#) (see Ranked & Additional Measure Sources and Years of Data tables on pages 4 & 5). For this data source, all race/ethnicity categories are exclusive so that each individual fits into only one category.

Other data sources offer slight nuances of the race/ethnicity categories listed above. [The American Community Survey \(ACS\)](#) only provides an exclusive race and ethnicity category for people who identify as non-Hispanic White. An individual who identifies as Hispanic and as Black would be included in both the Hispanic *and* Black race/ethnicity categories. Another difference with ACS data is the separate race categories for people who identify as Asian and people who identify as Hawaiian & Other Pacific Islander. For measures of Children in Poverty and Driving Alone to Work, CHR&R reports a combined estimate for the Asian & Other Pacific Islander categories, while for Median Household Income we only report the Asian race category.

Measures using data from the [Center for Medicare and Medicaid Services](#) (Mammography, Preventable Hospital Stays, Flu Vaccinations) follows the ACS categories with the exception of having a combined Asian/Pacific Islander category. For this data source, race and ethnicity are not self-reported.

The [Stanford Education Data Archive](#) used for the Reading and Math Scores measures follow the [National Center for Education Statistics](#) (NCES) definitions of Asian or Pacific Islander, American Indian & Alaska Native, non-Hispanic Black, non-Hispanic White, and Hispanic.

How do we rank counties?

To calculate the ranks, we first standardize each of the measures using z-scores. Z-scores allow us to combine multiple measures because the measures are now on the same scale. The ranks are then calculated based on weighted sums of the measure z-scores within each state to create an aggregate z-score. The county with the best aggregate z-score (healthiest) gets a rank of #1 for that state. To see more detailed information on rank calculation please visit our methods in **Explore Health Rankings** on our website: www.countyhealthrankings.org.