

**Table 1: Data Dictionary**

Variable Grouping	Variable Name	Description	Notes	Column number
<b>Data Identifiers</b>	Row Label	A unique label for each row. It could be used as a pandas Row Index.		Index
	Five-digit FIPS	Unique numerical identifier for each county	FIPS code is a Federal standard for identifying counties in the US	0
	State FIPS	State identification code	A two digit code identifying States in the US	1
	County FIPS	County identification code	A within state numeric county identifier	2
	State Abbreviation	2-character code		3
	County Name	Name of county		4
<b>Outcome Variable 1</b>	Poor Health	Proportion of county that has a poor health status		5
<b>Outcome Variable 2</b>	Election.Results.2016	Which party, Democrat or Republican received the most votes in the 2016 Presidential Election		6
<b>Access / Quality of Care</b>	Uninsured	Proportion of county that that does not have health insurance		7
	Primary Care Physicians Per 1000	Number of providers in county per 1000 people.	Example: for a county with 2,000 people a value of 1 would indicate there are 2 providers in the county.	8
	Mental Health Providers Per 1000	Same as primary care provider variable.		9
<b>Social Determinants of Health – Behavioral</b>	Adult Obesity	Proportion of adults in the county that that are medically obese	Don't let the fact that this is specifically for adults get in the way of the analysis.	10
	Proportion of Smokers	Proportion of smokers in the county		11
	High School Graduation	County-level graduation rate		12
	Insufficient Sleep	Proportion of adults in the county that that are medically obese		13

	Physical Inactivity	Proportion of population physically inactive		14
	Excessive Drinking	Proportion of population involved in excessive drinking		15
<b>Social Determinants of Health – Environmental</b>	Median Household Income	County-wide median income		16
	Severe Housing Problems	County-wide proportion		17
	Unemployment	County-wide unemployment rate		18
	Food Insecurity Quintile	County-wide bucketed metric, with 1 being the least food insecure and 5 being the most		19
	Income Inequality Quartile	County-wide bucketed metric, with 1 being the least unequal and 4 having the largest disparity		20
<b>Demographic characteristics</b>	Percent Rural	Proportion of a county that is considered rural		21
	Over 65	Proportion of a county that is Over 65 years of age		22
	Percent Females	The percentage of females in the county		23
	Life Expectancy	Average number of years a person can expect to live		24
	Population	2018 Census population estimates		25