

Stat 4770/7770 Final Project

Data Dictionary

Variable Grouping	Variable Name	Description	Notes	Column number
Data Identifiers	Row Label	A unique label for each row. It can 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
Outcome Variable 1	Poor Health	Proportion of county that has a poor health status.		5
Outcome Variable 2	Election.Results.2016	Which party, Democrat or Republican received the most votes in the 2016 Presidential Election.		6
Access / Quality of Care	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
Social Determinants of Health – Behavioral	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 reporting insufficient sleep.		13

	Physical Inactivity	Proportion of population physically inactive.		14
	Excessive Drinking	Proportion of population involved in excessive drinking.		15
Social Determinants of Health – Environmental	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
Demographic characteristics	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