

Stat 177 Final Project

Table 1: Data Dictionary

| Variable Grouping | Variable Name | Description | Notes | Column number |
|---------------------------------------------------|----------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|---------------|
| Data Identifiers | 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 |
| 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 that that are medically obese | | 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 |