# Data Dictionary

Notes about data sources:

1. Variables from the *Kaggle* source come from <https://www.kaggle.com/muonneutrino/us-census-demographic-data>.
2. Variables from FactFinder tables come from <https://factfinder.census.gov/faces/nav/jsf/pages/index.xhtml>, where you will also find information about each table.

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| Variable Name | Variable Type | Data Source | Variable Description |
| CensusID | Character | Kaggle | Census Tract ID |
| State | Character | Kaggle | State Name |
| County | Character | Kaggle | County or county equivalent |
| TotalPop | Numeric | Kaggle | Total population |
| Men | Numeric | Kaggle | Number of men |
| Women | Numeric | Kaggle | Number of women |
| Hispanic | Numeric | Kaggle | Percent of population that is Hispanic/Latino |
| White | Numeric | Kaggle | Percent of population that is White |
| Black | Numeric | Kaggle | Percent of population that is Black |
| Native | Numeric | Kaggle | Percent of population that is Native American or Native Alaskan |
| Asian | Numeric | Kaggle | Percent of population that is Asian |
| Pacific | Numeric | Kaggle | Percent of population that is Native Hawaiian or Pacific Islander |
| Citizen | Numeric | Kaggle | Number of citizens |
| Income | Numeric | Kaggle | Median household income estimate, in dollars |
| IncomeErr | Numeric | Kaggle | Median household income error, in dollars |
| IncomePerCap | Numeric | Kaggle | Income per capita estimate, in dollars |
| IncomePerCapErr | Numeric | Kaggle | Income per capita error, in dollars |
| Poverty | Numeric | Kaggle | Percentage under poverty level, response variable |
| ChildPoverty | Numeric | Kaggle | Percentage of children under poverty level |
| Professional | Numeric | Kaggle | Percentage employed in management, business, science, and the arts |
| Service | Numeric | Kaggle | Percentage employed in service jobs |
| Office | Numeric | Kaggle | Percentage employed in sales and office jobs |
| Construction | Numeric | Kaggle | Percentage employed in natural resources, construction, and maintenance |
| Production | Numeric | Kaggle | Percentage employed in production, transportation, and material movement |
| Drive | Numeric | Kaggle | Percentage commuting alone in a car, van, or truck |
| Carpool | Numeric | Kaggle | Percentage commuting in a car, van or truck |
| Transit | Numeric | Kaggle | Percentage commuting on public transportation |
| Walk | Numeric | Kaggle | Percentage walking to work |
| OtherTransp | Numeric | Kaggle | Percentage commuting via other means |
| WorkAtHome | Numeric | Kaggle | Percentage working at home |
| MeanCommute | Numeric | Kaggle | Mean commute time, in minutes |
| Employed | Numeric | Kaggle | Percentage employed, ages 16+ |
| PrivateWork | Numeric | Kaggle | Percentage employed in private sector |
| PublicWork | Numeric | Kaggle | Percentage employed in public sector |
| SelfEmployed | Numeric | Kaggle | Percentage self-employed |
| FamilyWork | Numeric | Kaggle | Percentage in unpaid family work |
| Unemployment | Numeric | Kaggle | Unemployment rate, as percentage |
| PresWinner | Character | State Election Board Websites | 2016 Presidential Candidate Winner |
| SSI\_PA\_SNAP | Numeric | FactFinder Table B09010 | Percentage of citizens living in household with Supplemental Security Income (SSI), cash public assistance income, or Food Stamps/SNAP in the past 12 months |
| Grandparent | Numeric | FactFinder Table B10051 | Percentage of grandparents responsible for own grandchildren under 18 years of age |
| Retirement\_Income | Numeric | FactFinder Table B19059 | Percentage of citizens with retirement income |
| Owner\_Occupied | Numeric | FactFinder Table B25003 | Percentage of structures that are owner-occupied |
| Median\_Gross\_Rent | Numeric | FactFinder Table B25064 | Median gross rent, in dollars |
| Now\_Married | Numeric | FactFinder Table S1201 | Percentage of citizens married |
| Widowed | Numeric | FactFinder Table S1201 | Percentage of citizens widowed |
| Divorced | Numeric | FactFinder Table S1201 | Percentage of citizens divorced |
| Never\_Married | Numeric | FactFinder Table S1201 | Percentage of citizens who have never been married |
| Women\_Births\_12\_Months | Numeric | FactFinder Table S1301 | Percentage of women with births in the last 12 months |
| Percent\_Public\_School | Numeric | FactFinder Table S1401 | Percentage of population over 3 years of age enrolled in public school |
| Percent\_Private\_School | Numeric | FactFinder Table S1401 | Percentage of population over 3 years of age enrolled in private school |
| Percent\_HS\_Graduate | Numeric | FactFinder Table S1501 | Percentage of population at least 25 years of age with a high school diploma |
| Percent\_Bachelor\_Degree | Numeric | FactFinder Table S1501 | Percentage of population at least 25 years of age with a bachelor’s degree |
| English\_Only | Numeric | FactFinder Table S1601 | Percentage of population at least 5 years of age who speak only English |
| Other\_Than\_English | Numeric | FactFinder Table S1601 | Percentage of population at least 5 years of age who speak a language other than English |
| Percent\_With\_Disability | Numeric | FactFinder Table S1810 | Percentage with a disability |
| Percent\_Veterans | Numeric | FactFinder Table S2101 | Percentage of citizens who are veterans |
| PercentInsured | Numeric | FactFinder Table S2701 | Percentage of citizens with health insurance |