Census/ACS Documentation

<https://www.census.gov/data/developers/data-sets.html>

<https://www.census.gov/data/developers/data-sets/acs-5year.html>

<https://api.census.gov/data/2016/acs/acs5/variables.html>

CDC Social Vulnerability Index:

<https://svi.cdc.gov/SVIDataToolsDownload.html>

<https://svi.cdc.gov/Documents/Data/2016_SVI_Data/SVI2016Documentation.pdf>

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| File name | Data source | Table ID | Code type | InUse | Output files and variables | Output variables | notes |
| countyPopulationProcessor.R | DOF data file from CDPH-DCDC | na |  | Yes | popCountyTot2000to2015.RDS  popCountyAgeG2000to2015.RDS  popStandard.RDS | pop  county  year  +ageG  popStandard  ageG |  |
| tractPopulationProcessor1.R | ACS API | B01003\_001 | dplyr, base, tidycensus | Yes, for tracts and MSSAs | popTractTot2013.RDS | GEOID; pop | ACS five-year file, year=2013 (mid year between 2015 and 2011) |
| tractPopulationProcessor2.R | ACS API | "B01001\_003E" to "B01001\_025E" and  "B01001\_027E" to "B01001\_049E" | data.table,  tidycensus | Yes, for age adjustment | popTractAgeG2013.RDS | year  GEOID  comID  ageG  sex, pop | Base on code from ETHAN |
| tractPopulationProcessor3 | ACS and Census API |  | base, dplyr (full\_join),  tidycensus | Not currently |  |  | BEN - Makes function to pull for multiple years |

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| Measure | Table |  |  | years | Geography | Demographics | source |  |
| Persons in  institutionalized  group quarters | B26001 | HD01\_VD01 (estimate) 02 (MOE) | ACS | 2012-  2016 |  |  | CDC SVI: | https://www.michigan.gov/documents/cgi/ACS\_GQ\_Issue\_2010-1007\_334682\_7.pdf |
| Percent of population age 25 and up with a four-year college degree or higher | DP2 (SF3) |  | U.S. Decennial Census | 2000 | census tracts, cities/towns, county subdivisions, counties,  regions, and state. |  |  |  |
|  | DP02 |  | ACS Selected Population Tables |  |  |  |  |  |
|  | B15002 |  | ACS Selected Population Tables |  |  |  |  | Currently, there is no DP02 data available for census tracts  for the 2011-2015 period. Table B15002 was used instead; data was aggregated  across sex (male, female) and educational attainment strata (bachelor’s degree,  master’s degree, and doctorate degree). |

* The American Community Survey does not publish data when there are fewer than 100 individuals in a geographic reporting area and when there are fewer than 50 respondents to survey questions. Data are not available for many small California cities and census tracts for groups with relatively small numbers, generally American Indian/Alaska Native, Hawaiian Native and Other Pacific Islander, Other Race, and Multiple Races. Adult educational attainment data by place of birth can help inform local jurisdictions about the contributions of foreign and native migrant populations to their local educational attainment estimates. However, people born in other states or countries could have migrated at a very young age and that information is not captured in the data.