Remember census variables are available in estimate and percent (E and PE)

2018 ACS5 dataset, variables may be different for other sets

What is the current population of the territories as defined by the zip codes?

DP05\_0001E (P)

What is the population/other data of various segments:

**School aged children**

Under 5 years = DP05\_0005E

Under 18 years = DP05\_0019E

18 years and older = DP05\_0021E

DP02\_0055E - Estimate!!SCHOOL ENROLLMENT!!Population 3 years and over enrolled in school!!Elementary school (grades 1-8)

**Senior citizens 65 and older** –

DP05\_0029E

|  |  |
| --- | --- |
| DP05\_0024E | Estimate!!SEX AND AGE!!Total population!!65 years and over |

**Median Age**

DP05\_0018E - Estimate!!SEX AND AGE!!Total population!!Median age (years)

**High School graduate**

DP02\_0061E

DP02\_0061PE - Percent Estimate!!EDUCATIONAL ATTAINMENT!!Population 25 years and over!!High school graduate (includes equivalency)

**College educated proportion of those 25 and older**

DP02\_0064E

DP02\_0064PE

**How many have advanced degrees**

DP02\_0065E

P

**Unemployment rates**

DP03\_0009PE

**Poverty**

DP03\_0119PE

Percent!!PERCENTAGE OF FAMILIES AND PEOPLE WHOSE INCOME IN THE PAST 12 MONTHS IS BELOW THE POVERTY LEVEL!!All families

**Median Household Income**

DP03\_0062E - Estimate!!INCOME AND BENEFITS (IN 2018 INFLATION-ADJUSTED DOLLARS)!!Total households!!Median household income (dollars)

**Median Home Value**

DP04\_0089E - Estimate!!VALUE!!Owner-occupied units!!Median (dollars)

**Average Household Size + Family Size**

DP02\_0015E - Estimate!!HOUSEHOLDS BY TYPE!!Total households!!Average household size

DP02\_0016E - Estimate!!HOUSEHOLDS BY TYPE!!Total households!!Average family size

notusedDP04\_0048E - Estimate!!HOUSING TENURE!!Occupied housing units!!Average household size of owner-occupied unit

**Number of Households**

DP02\_0001E - Estimate!!HOUSEHOLDS BY TYPE!!Total households

DP02\_0003E - Estimate!!HOUSEHOLDS BY TYPE!!Total households!!Family households (families)!!With own children under 18 years

Percent

DP02\_0010E - Estimate!!HOUSEHOLDS BY TYPE!!Total households!!Nonfamily households

Percent

**Household breakdowns**

DP02\_0020E - Estimate!!RELATIONSHIP!!Population in households!!Child

Percent

DP02\_0013E - Estimate!!HOUSEHOLDS BY TYPE!!Households with one or more people under 18 years

Percent

DP02\_0014PE - Percent!!HOUSEHOLDS BY TYPE!!Households with one or more people 65 years and over

Percent

**Renters vs Owner-Occupied**

[DP04\_0046PE](https://api.census.gov/data/2018/acs/acs5/profile/variables/DP04_0046PE.json) - Percent Estimate!!HOUSING TENURE!!Occupied housing units!!Owner-occupied

**Mortgages**

DP04\_0090PE - Percent!!MORTGAGE STATUS!!Owner-occupied units!!Housing units with a mortgage

**Owner Costs**

[DP04\_0101E](https://api.census.gov/data/2018/acs/acs5/profile/variables/DP04_0101E.json) - Estimate!!SELECTED MONTHLY OWNER COSTS (SMOC)!!Housing units with a mortgage!!Median (dollars)

[DP04\_0102E](https://api.census.gov/data/2018/acs/acs5/profile/variables/DP04_0102E.json) - Estimate!!SELECTED MONTHLY OWNER COSTS (SMOC)!!Housing units without a mortgage!!Median (dollars)

**Owner costs percentage of household income ranges**

**I collected this in a separate dataframe**

[DP04\_0111PE](https://api.census.gov/data/2018/acs/acs5/profile/variables/DP04_0111PE.json) - Percent!!SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME (SMOCAPI)!!Housing units with a mortgage (excluding units where SMOCAPI cannot be computed)!!Less than 20.0 percent

**Other Wealth proxies**

**Not used**

DP04\_0037E - Estimate!!ROOMS!!Total housing units!!Median rooms

DP04\_0069PE - Percent!!HOUSE HEATING FUEL!!Occupied housing units!!Solar energy

**Fertility – doesn’t work –** could give us an idea of future customers

DP02\_0036PE - Percent!!FERTILITY!!Number of women 15 to 50 years old who had a birth in the past 12 months

[DP02\_0039PE](https://api.census.gov/data/2018/acs/acs5/profile/variables/DP02_0039PE.json) - Percent Estimate!!FERTILITY!!Number of women 15 to 50 years old who had a birth in the past 12 months!!Per 1,000 women 15 to 50 years old

**Moving around** – there’s several variables that could be interesting

DP02\_0079PE - Percent!!RESIDENCE 1 YEAR AGO!!Population 1 year and over!!Same house

**Rent**

DP04\_0134E - Estimate!!GROSS RENT!!Occupied units paying rent!!Median (dollars)

2013 ACS5 dataset, variables may be different for other sets

What is the current population of the territories as defined by the zip codes?

DP05\_0001E (P)

What is the population/other data of various segments:

**School aged children**

Under 5 years = DP05\_0004E

18 years and older = DP05\_0018E

10 to 14 = DP05\_0006E

DP02\_0055E - Estimate!!SCHOOL ENROLLMENT!!Population 3 years and over enrolled in school!!Elementary school (grades 1-8)

**Senior citizens 65 and older**

DP05\_0025E

**Median Age**

DP05\_0017E

**High School graduate**

DP02\_0061E

DP02\_0061PE

**College educated proportion of those 25 and older**

DP02\_0064E

DP02\_0064PE - number of individuals

**How many have advanced degrees**

E

DP02\_0065PE

**Unemployment rates**

DP03\_0009PE

**Poverty**

DP03\_0119PE

Percent!!PERCENTAGE OF FAMILIES AND PEOPLE WHOSE INCOME IN THE PAST 12 MONTHS IS BELOW THE POVERTY LEVEL!!All families

**Median Household Income**

DP03\_0062E – 2013 dollars

**Median Home Value**

DP04\_0088E - Estimate!!VALUE!!Owner-occupied units!!Median (dollars)

**Average Household Size + Family Size**

DP02\_0015E - Estimate!!HOUSEHOLDS BY TYPE!!Total households!!Average household size

DP02\_0016E - Estimate!!HOUSEHOLDS BY TYPE!!Average family size

notusedDP04\_0047E - Estimate!!HOUSING TENURE!!Average household size of owner-occupied unit

**Number of Households**

DP02\_0001E - Estimate!!HOUSEHOLDS BY TYPE!!Total households

DP02\_0003E - Estimate!!HOUSEHOLDS BY TYPE!!Total households!!Family households (families)!!With own children under 18 years

Percent

DP02\_0010E - Estimate!!HOUSEHOLDS BY TYPE!!Total households!!Nonfamily households

Percent

**Household breakdowns**

DP02\_0020E - Estimate!!RELATIONSHIP!!Population in households!!Child

Percent

DP02\_0013E - Estimate!!HOUSEHOLDS BY TYPE!!Households with one or more people under 18 years

Percent

DP02\_0014E - Estimate!!HOUSEHOLDS BY TYPE!!Households with one or more people 65 years and over

Percent

**Renters vs Owner-Occupied**

DP04\_0045PE - Percent Estimate!!HOUSING TENURE!!Occupied housing units!!Owner-occupied

**Rent**

DP04\_0132E Estimate!!GROSS RENT!!Occupied units paying rent!!Median (dollars)

**Mortgages**

DP04\_0090PE - Percent!!MORTGAGE STATUS!!Owner-occupied units!!Housing units with a mortgage

**Owner Costs**

DP04\_0100E - Estimate!!SELECTED MONTHLY OWNER COSTS (SMOC)!!Housing units with a mortgage!!Median (dollars)

DP04\_0107E - Estimate!!SELECTED MONTHLY OWNER COSTS (SMOC)!!Housing units without a mortgage!!Median (dollars)

**Owner costs percentage of household income ranges**

**I collected this in a separate dataframe**

DP04\_0109PE - Percent!!SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME (SMOCAPI)!!Housing units with a mortgage (excluding units where SMOCAPI cannot be computed)!!Less than 20.0 percent

[DP04\_0110PE](https://api.census.gov/data/2013/acs/acs5/profile/variables/DP04_0110PE.json) - Percent!!SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME (SMOCAPI)!!Housing units with a mortgage (excluding units where SMOCAPI cannot be computed)!!20.0 to 24.9 percent

[DP04\_0111PE](https://api.census.gov/data/2013/acs/acs5/profile/variables/DP04_0111PE.json) - Percent!!SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME (SMOCAPI)!!Housing units with a mortgage (excluding units where SMOCAPI cannot be computed)!!25.0 to 29.9 percent

[DP04\_0112PE](https://api.census.gov/data/2013/acs/acs5/profile/variables/DP04_0112E.json) - Percent!!SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME (SMOCAPI)!!Housing units with a mortgage (excluding units where SMOCAPI cannot be computed)!!30.0 to 34.9 percent

[DP04\_0113PE](https://api.census.gov/data/2013/acs/acs5/profile/variables/DP04_0113PE.json) - Percent!!SELECTED MONTHLY OWNER COSTS AS A PERCENTAGE OF HOUSEHOLD INCOME (SMOCAPI)!!Housing units with a mortgage (excluding units where SMOCAPI cannot be computed)!!35.0 percent or more

**Other Wealth proxies**

**Not used**

DP04\_0036E - Estimate!!ROOMS!!Total housing units!!Median rooms

DP04\_0068PE - Percent!!HOUSE HEATING FUEL!!Occupied housing units!!Solar energy

**Fertility – doesn’t work -** could give us an idea of future customers

DP02\_0036PE - Percent!!FERTILITY!!Number of women 15 to 50 years old who had a birth in the past 12 months

**Moving around** – there’s several variables that could be interesting

See ACS migration flows API

DP02\_0079PE - Percent!!RESIDENCE 1 YEAR AGO!!Population 1 year and over!!Same house

Census

2000 sf1 census variables:

**Total Population**

P105001 – Total:Total population

**School aged children**

Under 18 years =

Total Population 18 years and over = P039001

Under 5 years =

Total: Population 5 years and over = P019001

Total: Population 15 years and over =  P018001

**Senior citizens 65 and older** –

P011001 - Total: Population 65 years and over

**Households**

[P015001](https://api.census.gov/data/2000/sf1/variables/P015001.json) Households:Total

**Average Household Size**

[P017001](https://api.census.gov/data/2000/sf1/variables/P017001.json) Average household SZ

**Median Age**

[P013001](https://api.census.gov/data/2000/sf1/variables/P013001.json) Median Age:both

College educated proportion of those 25 and older

P037034 - female: professional school degree

How many have advanced degrees

Unemployment rates

2010 sf1 census variables

**School aged children**

P016002 - under 18

P016003 -18 years and older

**Senior citizens 65 and older**

**Average household size**

P017001 - Average household size!!Total

**Households**

P018001- Total HOUSEHOLD TYPE

**Median Age**

[P013001](https://api.census.gov/data/2010/dec/sf1/variables/P013001.json) Median age!!Both sexes

P018001- Total HOUSEHOLD TYPE

P018002 - Total, family households

P020002 – Households with one or more people under 18 years

P020001 – total households

[P029002](https://api.census.gov/data/2010/dec/sf1/variables/P029002.json) – total in households

[P029003](https://api.census.gov/data/2010/dec/sf1/variables/P029003.json) – total in family households

[P035001](https://api.census.gov/data/2010/dec/sf1/variables/P035001.json) – total families

[P037001](https://api.census.gov/data/2010/dec/sf1/variables/P037001.json) – average family size

[P037002](https://api.census.gov/data/2010/dec/sf1/variables/P037002.json) - Average family size, under 18 years

[P038F003](https://api.census.gov/data/2010/dec/sf1/variables/P038F003.json) - Total!!Husband-wife family!!With own children under 18 years

[P040002](https://api.census.gov/data/2010/dec/sf1/variables/P040002.json) - Total!!In husband-wife families