CITATION

---

2018 TIGER/Line Shapefiles (machine readable data files) / prepared by the U.S. Census Bureau.

United States Census Bureau. “B01001 SEX BY AGE.” 2018 American Community Survey 5-Year Estimates. U.S. Census Bureau’s American Community Survey. Web. 19 December 2019. <ftp.census.gov>.

United States Census Bureau. “B03002 HISPANIC OR LATINO ORIGIN BY RACE.” 2018 American Community Survey 5-Year Estimates. U.S. Census Bureau’s American Community Survey. Web. 19 December 2019. <ftp.census.gov>.

United States Census Bureau. "B19013 MEDIAN HOUSEHOLD INCOME IN THE PAST 12 MONTHS (IN 2018 INFLATION-ADJUSTED DOLLARS)." 2018 American Community Survey 5-Year Estimates. U.S. Census Bureau’s American Community Survey. Web. 19 December 2019. <ftp.census.gov>.

United States Census Bureau. “DP02 SELECTED SOCIAL CHARACTERISTICS IN THE UNITED STATES.” 2018 American Community Survey 5-Year Estimates. U.S. Census Bureau’s American Community Survey. Web. 19 December 2019. <ftp.census.gov>.

United States Census Bureau. “DP03 SELECTED ECONOMIC CHARACTERISTICS.” 2018 American Community Survey 5-Year Estimates. U.S. Census Bureau’s American Community Survey. Web. 19 December 2019. <ftp.census.gov>.

United States Census Bureau. “DP04 SELECTED HOUSING CHARACTERISTICS.” 2018 American Community Survey 5-Year Estimates. U.S. Census Bureau’s American Community Survey. Web. 19 December 2019. <ftp.census.gov>.

United States Census Bureau. “DP05 ACS DEMOGRAPHIC AND HOUSING ESTIMATES.” 2018 American Community Survey 5-Year Estimates. U.S. Census Bureau’s American Community Survey. Web. 19 December 2019. <ftp.census.gov>.

United States Census Bureau. “Annual Estimates of the Resident Population: April 1, 2010 to July 1, 2019.” 2019 Population Estimates Program. Web. May 2020 <census.gov>.

NOTES

---

B01001

SEX BY AGE

Universe: Total population

B03002

HISPANIC OR LATINO ORIGIN BY RACE

Universe: Total population

B19013

MEDIAN HOUSEHOLD INCOME IN THE PAST 12 MONTHS (IN 2018 INFLATION-ADJUSTED DOLLARS)

Universe: Households

Supporting documentation on code lists, subject definitions, data accuracy, and statistical testing can be found on the American Community Survey website in the

[Technical Documentation](https://www.census.gov/programs-surveys/acs/technical-documentation/code-lists.html) section.

Sample size and data quality measures (including coverage rates, allocation rates, and response rates) can be found on the American Community Survey website in the [Methodology](https://www.census.gov/acs/www/methodology/sample_size_and_data_quality/) section.

Although the American Community Survey (ACS) produces population, demographic and housing unit estimates, it is the Census Bureau's Population Estimates Program that produces and disseminates the official estimates of the population for the nation, states, counties, cities, and towns and estimates of housing units for states and counties.

Data are based on a sample and are subject to sampling variability. The degree of uncertainty for an estimate arising from sampling variability is represented through the use of a margin of error. The value shown here is the 90 percent margin of error. The margin of error can be interpreted roughly as providing a 90 percent probability that the interval defined by the estimate minus the margin of error and the estimate plus the margin of error (the lower and upper confidence bounds) contains the true value. In addition to sampling variability, the ACS estimates are subject to nonsampling error (for a discussion of nonsampling variability, see

[ACS Technical Documentation](https://www.census.gov/programs-surveys/acs/technical-documentation.html)). The effect of nonsampling error is not represented in these tables.

Estimates of urban and rural populations, housing units, and characteristics reflect boundaries of urban areas defined based on Census 2010 data. As a result, data for urban and rural areas from the ACS do not necessarily reflect the results of ongoing urbanization.

Explanation of Symbols:

* An '\*\*' entry in the margin of error column indicates that either no sample observations or too few sample observations were available to compute a standard error and thus the margin of error. A statistical test is not appropriate.
* An '-' entry in the estimate column indicates that either no sample observations or too few sample observations were available to compute an estimate, or a ratio of medians cannot be calculated because one or both of the median estimates falls in the lowest interval or upper interval of an open-ended distribution.
* An '-' following a median estimate means the median falls in the lowest interval of an open-ended distribution.
* An '+' following a median estimate means the median falls in the upper interval of an open-ended distribution.
* An '\*\*\*' entry in the margin of error column indicates that the median falls in the lowest interval or upper interval of an open-ended distribution. A statistical test is not appropriate.
* An '\*\*\*\*\*' entry in the margin of error column indicates that the estimate is controlled. A statistical test for sampling variability is not appropriate.
* An 'N' entry in the estimate and margin of error columns indicates that data for this geographic area cannot be displayed because the number of sample cases is too small.
* An '(X)' means that the estimate is not applicable or not available.

Jam Values

Some data values represent unique situations where either the information to be conveyed is an explanation for the absence of data, represented by a symbol in the data display, such as "(X)", or the information to be conveyed is an open-ended distribution, such as 115 or greater, represented by 115+.

*To facilitate sorting and/or import to a database application, Cubit shows all values that are not estimated due to availability, disclosure restrictions, or sample size as -1.*

The following special data values can appear in the ACS Summary File table as an explanation for the absence of data:

Missing Value = ""

A missing string indicates that the estimate is unavailable. (This appears in the estimates and margins or error files as two commas adjacent to each other without anything between them, or if the last cell in a data file is filtered then you get a comma followed immediately by a carriage return or EOF.) A missing value indicates when an estimate is missing because of filtering for geographic restrictions, coefficients of variations (CV), or was removed due to the Disclosure Review Board's (DRB) requirements. For more detail on filtering, please visit Chapter 4.4.

Dot = "."

A dot indicates when the estimate has no sample observations or too few sample observations. In the margin of error files, this value could also indicate that the margin of error is unavailable for a median estimate that has been replaced with a jam value.

Zero = "0"

A "0" entry in the margin of error column indicates that the estimate is controlled. A statistical test for sampling variability is not appropriate. This is similar to the "\*\*\*\*\*" symbol used in American FactFinder.

Negative 1 = "-1"

This indicates that an estimate does not contain a Margin of Error. Tables B00001, B00002, and tables starting with B98 and B99 do not have margin of error (MOE) associated with them. The MOE calculations are set to -1 for these tables.

Jam Values for Medians

The following is a listing of the jam values for medians. For example, if there is an estimate of "2499" for table B10010, then it does not indicate a dollar amount. It means that the median is somewhere below 2,500 and thus is not calculated.

|  |  |  |
| --- | --- | --- |
| Jam Value | Actual Meaning | Use for Medians |
| 2499 | 2,500 or less | Income, Earnings |
| 200001 | 200,000 or more | Income |
| 250001 | 250,000 or more | Income, Earnings |