

2014-2018 American Community Survey (ACS) 5-Year Estimates

Pre-Embargo Webinar

December 10, 2019

Access the Audio and Slides

Toll free number: 1-800-475-0518

Participant passcode: 4731884

Access slides: census.gov/programs-surveys/acs/news/events/acs-5-year-2018.html



Speakers

Host

Jewel Jordan

Public Affairs Specialist, Media Relations Branch
Public Information Office

Presenters

Gretchen Gooding

Chief, Outreach and Education Branch
American Community Survey Office

Tyson Weister

Program Analyst
Center for Enterprise Dissemination

Webinar Outline

- Upcoming ACS Data Releases
- ACS Basics
- Changes for 2014-2018 ACS 5-year Release
- How to Access ACS Data
- ACS Website
- Q&A
- Accessing Block Group Data Using data.census.gov

ACS Data Release

MEDIA EMBARGO: Tuesday, December 17, 2019

- Embargo at 10 a.m. (EST), Includes 2014-2018 ACS 5-Year estimates:
 - 5-Year data products

PUBLIC RELEASE: Thursday, December 19, 2019

- Release at 12:01 a.m. (EST), Includes 2014-2018 ACS 5-Year estimates:
 - All 5-Year data products
 - Narrative Profile
 - API, QuickFacts, My Tribal Area

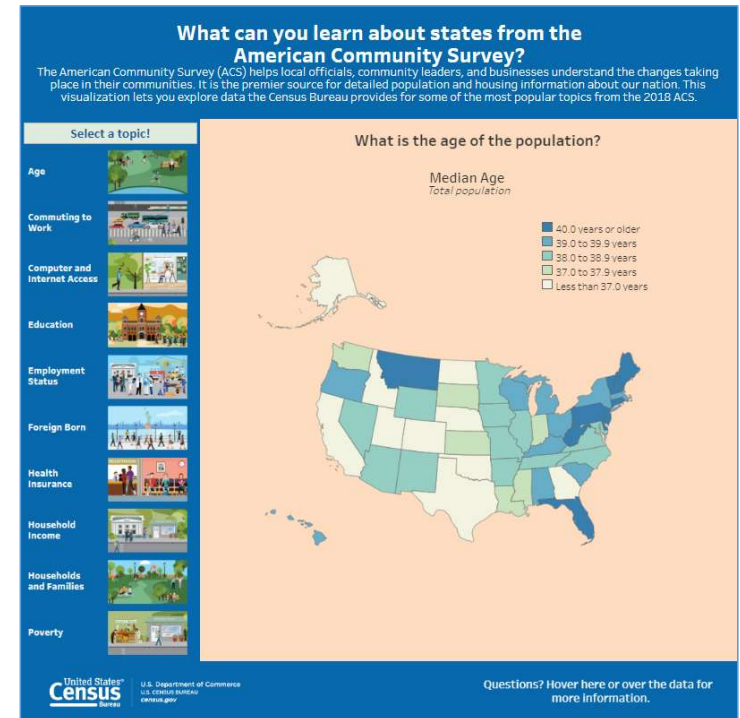
Thursday, December 19th

- **News Release:**

- Highlights on the demographic characteristics of the 65 and older population

- **Interactive Graphics:**

- What can you learn about counties from the ACS?
- What can you learn about people 65 years and older from the ACS?
- 2018 Median Household Income in the United States
- 2018 Poverty Rates in the United States
- 2018 Median Age in the United States



Upcoming ACS Releases

- **January 30, 2020**

- 2014-2018 ACS 5-Year Public Use Microdata Sample (PUMS)
- 2014-2018 ACS 5-Year Variance Replicate Estimate Tables

- **February 6, 2020**

- 2018 ACS 1-Year Supplemental Estimates

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The American Community Survey: The Foundation

The American Community Survey is on the leading edge of survey design, continuous improvement, and data quality

- The nation's most current, reliable, and accessible data source for local statistics on critical planning topics such as age, children, veterans, commuting, education, income, and employment
- Surveys **3.5 million** addresses and informs over **\$675 billion** of Federal government spending each year
- Covers **40+ topics**, supports over **300** evidence-based Federal government uses, and produces **11 billion** estimates each year
- Three key annual data releases:
 - 1-year Estimates (areas w/ population of 65,000+)
 - 1-year Supplemental Estimates (areas w/ population of 20,000+)
 - 5-year Estimates (all areas)

13199013

U.S. DEPARTMENT OF COMMERCE
Economics and Statistics Administration
U.S. CENSUS BUREAU

THE American Community Survey

This booklet shows the content of the American Community Survey questionnaire.

Start Here

Respond online today at:
<https://respond.census.gov/acs>

OR

Complete this form and mail it back as soon as possible.

This form asks for information about the people who are living or staying at the address on the mailing label and about the house, apartment, or mobile home located at the address on the mailing label.

If you need help or have questions about completing this form, please call 1-800-354-7271. The telephone call is free.

Telephone Device for the Deaf (TDD):
Call 1-800-592-8330. The telephone call is free.

¡NECESITA AYUDA! Si usted habla español y necesita ayuda para completar su cuestionario, llame sin cargo alguno al 1-877-833-6625. Usted también puede completar su entrevista por teléfono con un entrevistador que habla español. O puede responder por Internet en: <https://respond.census.gov/acs>

For more information about the American Community Survey, visit our website at: <http://www.census.gov/acs>

Please print today's date.
Month Day Year

Please print the name and telephone number of the person who is filling out this form. We will only contact you if needed for official Census Bureau business.

Last Name

First Name MI

Area Code + Number

How many people are living or staying at this address?

- INCLUDE everyone who is living or staying here for more than 2 months.
- INCLUDE yourself if you are living here for more than 2 months.
- INCLUDE anyone else staying here who does not have another place to stay, even if they are here for 2 months or less.
- DO NOT INCLUDE anyone who is living somewhere else for more than 2 months, such as a college student living away or someone in the Armed Forces on deployment.

Number of people

Fill out pages 2, 3, and 4 for everyone, including yourself, who is living or staying at this address for more than 2 months. Then complete the rest of the form.

FORM ACS-1 (INFO)2019

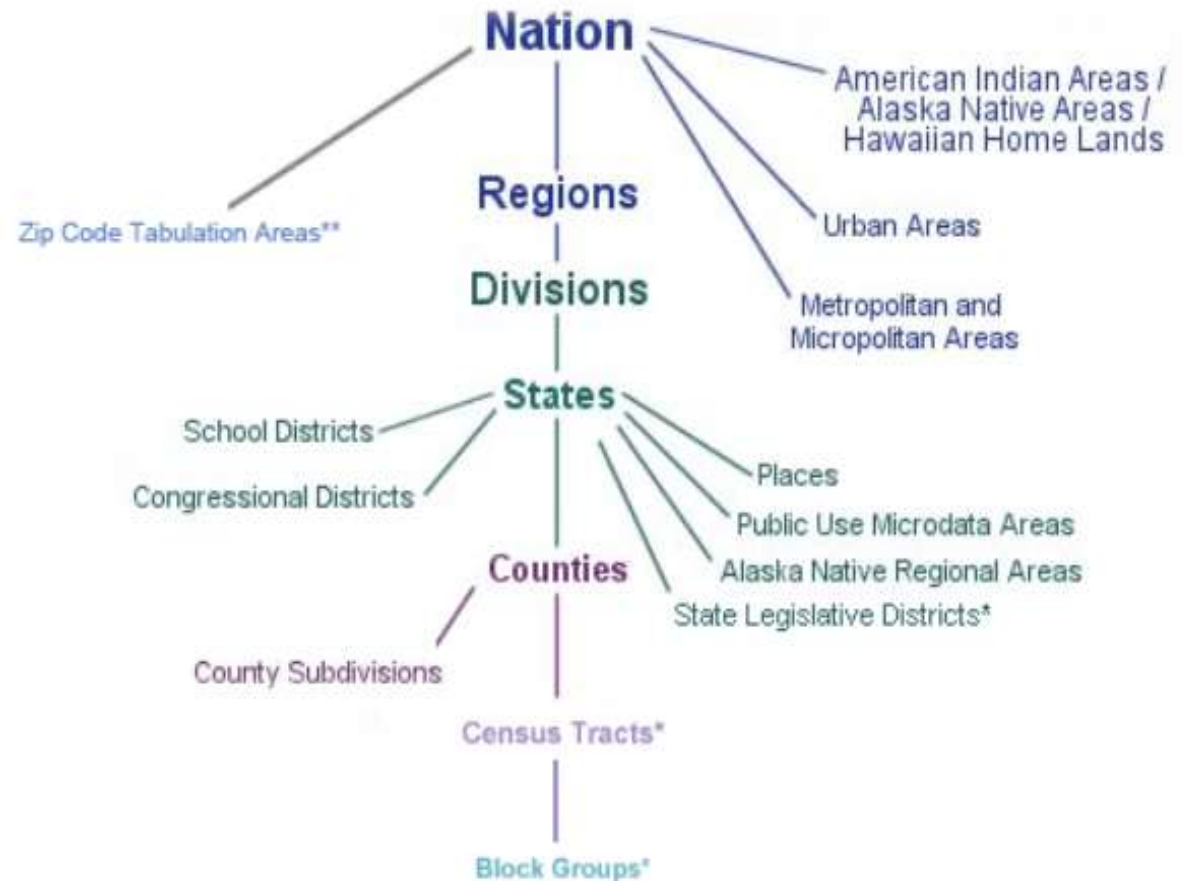
OMB No. 0607-0810
OMB No. 0607-0836

ACS Content

POPULATION		HOUSING
SOCIAL Ancestry Citizenship Citizen Voting Age Population Disability Educational Attainment Fertility Grandparents Language Marital Status Migration School Enrollment Veterans	DEMOGRAPHIC Age Hispanic Origin Race Relationship Sex	Computer & Internet Use Costs (Mortgage, Rent, Taxes, Insurance) Heating Fuel Home Value Occupancy Plumbing/Kitchen Facilities Structure Tenure (Own/Rent) Utilities Vehicles Year Built/ Year Moved In
	ECONOMIC Class of Worker Commuting Employment Status Food Stamps (SNAP) Health Insurance Hours/Week, Weeks/Year Income Industry & Occupation	

5-Year Geography

- All geographic areas down to the tract and block group level
- Over 579,000 geographic areas
- 87 different geography summary levels available



5-Year Estimates

- Describe the characteristics over a specific period of time, not a single point in time
- Data are pooled across 60 months, weighted to produce estimates, and controlled for age, sex, race, and Hispanic origin
 - 5-year estimates are NOT an average of 1-year estimates
- Estimates are based on geographic boundaries as of January 1 of the last year in the 5-year period
- Dollar-value estimates are inflation adjusted to the most recent year for the period

When to Use 5-Year Estimates?

- No 1-year estimate is available
- Margins of error for 1-year estimates are larger than desired
- Analyzing data for small population groups
- Comparing various geographies when one or more of them do not receive 1-year estimates

5-Year Comparisons

- Only compare non-overlapping time periods (e.g., 2014-2018 and 2009-2013)
- Only compare 1-yr estimates to 1-yr and 5-yr estimates to 5-yr
- Compare across geographies and subpopulations
- Compare percentages, means, medians and rates instead of totals whenever possible

Webinar Outline

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ACS Methodological Updates Impacting Data Products

Industry and Occupation – updated Census codes

- Updated to reflect revised North American Industrial Classification System (NAICS) and Standard Occupational Classification (SOC) codes

Poverty Statistics – changes to income deficit

- Calculated using reference period dollar amounts prior to 2018
- Now inflation adjusted to respective calendar year

ACS New Tables

Industry and Occupation

- **B24114:** Detailed Occupation for the Civilian Employed Population 16 Years and Over
- **B24115:** Detailed Occupation for the Civilian Employed Male Population 16 Years and Over
- **B24116:** Detailed Occupation for the Civilian Employed Female Population 16 Years and Over

Income and Earnings

- **B19123:** Family Size by Cash Public Assistance Income or Households Receiving Food Stamps/SNAP Benefits in the Past 12 Months


Citizen, Voting-Age Population


- **B29001:** Citizen, Voting-age Population By Age
- **B29002:** Citizen, Voting-age Population By Educational Attainment
- **B29003:** Citizen, Voting-age Population By Poverty Status
- **B29004:** Median Household Income For Households With A Citizen, Voting-age Householder (In 2018 Inflation-adjusted Dollars)
- **S2902:** Citizen, Voting-age Population By Selected Characteristics


2018 Table Changes


// [Census.gov](#) > [American Community Survey \(ACS\)](#) > [Technical Documentation](#) > [Table & Geography Changes](#) > **2018 Table & Geography Changes**

< [Back to Table & Geography Changes](#)

 Respond to the ACS
Learn how

 **2018 Table & Geography Changes**

 [Table Changes](#)

 [2018 ACS 1-year Estimates](#)

[2014-2018 ACS 5-year Estimates](#)

[Geography Changes](#)

2018 Geography Changes
Explanation of changes in the inventory of entities, changes to FIPS, and comparability changes.

- [Census.gov/acs](#) →
- [Technical Documentation](#) →
- [Table & Geography Changes](#) →
- [2014-2018 ACS 5-year Estimates](#)

ACS Modified Tables-Industry & Occupation

Table IDs	Universe
Occupation and Detailed Occupation	
B24011 – B24012, C24010A-I, C24020	Civilian Employed Population 16 Years and Over
B24021 - B24022	Full-Time, Year-Round Civilian Employed Population 16 Years And Over
B24121 – B24126	Full-Time, Year-Round Civilian Employed Population 16 Years And Over
Industry	
B24031 – B24032	Civilian Employed Population 16 Years And Over With Earnings
B24041– B24042	Full-Time, Year-Round Civilian Employed Population 16 Years And Over With Earnings

ACS Modified Tables-Industry, Occupation, & Class of Worker

Table IDs	Title
C24050	Industry By Occupation For The Civilian Employed Population 16 Years And Over
C24060	Occupation By Class Of Worker For The Civilian Employed Population 16 Years And Over
C24070	Industry By Class Of Worker For The Civilian Employed Population 16 Years And Over

ACS Modified Tables-Occupation Subject Tables

Table IDs	Title
S2401	Occupation By Sex For The Civilian Employed Population 16 Years And Over
S2402	Occupation By Sex For The Full-time, Year-round Civilian Employed Population 16 Years And Over
S2406	Occupation by class of worker for the civilian employed population 16 years and over
S2411	Occupation by sex and median earnings in the past 12 months (in 2018 inflation-adjusted dollars) for the civilian employed population 16 years and over
S2412	Occupation By Sex And Median Earnings In The Past 12 Months (In 2018 Inflation-adjusted Dollars) For The Full-time, Year-round Civilian Employed Population 16 Years And Over

ACS Modified Tables-Industry Subject Tables

Table IDs	Title
S2403	Industry By Sex For The Civilian Employed Population 16 Years And Over
S2404	Industry By Sex For The Full-time, Year-round Civilian Employed Population 16 Years And Over
S2405	Industry By Occupation For The Civilian Employed Population 16 Years And Over
S2407	Industry By Class Of Worker For The Civilian Employed Population 16 Years And Over
S2413	Industry By Sex And Median Earnings In The Past 12 Months (In 2018 Inflation-adjusted Dollars) For The Civilian Employed Population 16 Years And Over
S2414	Industry By Sex And Median Earnings In The Past 12 Months (In 2018 Inflation-adjusted Dollars) For The Full-time, Year-round Civilian Employed Population 16 Years And Over

ACS Modified Tables-Poverty

Table IDs	Title
B17008	Aggregate Income Deficit (Dollars) in the Past 12 Months of Unrelated Individuals by Sex
B17011	Aggregate Income Deficit (Dollars) in the Past 12 Months for Families by Family Type
S1701	Poverty Status in the Past 12 Months
S1702	Poverty Status in the Past 12 Months of Families

ACS Modified Tables-Foreign-Born Population

Table IDs	Title
B05002	Place of Birth by Nativity and Citizenship Status
B05006	Place of Birth for the Foreign-Born Population in the United States
B05006PR	Place of Birth for the Foreign-Born Population in Puerto Rico
S0502	Selected Characteristics of the Foreign-Born Population by Period of Entry into the United States
S0502PR	Selected Characteristics of the Foreign-Born Population by Period of Entry into Puerto Rico
S0504	Selected Characteristics of the Foreign-Born Population by Region of Birth: Africa, Northern America, and Oceania

Other ACS Data Product Modifications: Detailed Tables and Subject Tables

Topic	Type of Change
Foreign-Born Population	Updated categories for year of naturalization Census occupation codes updated to reflect revised SOC codes
Housing	Updated categories for year moved in Corrected gross rent categories
Income and Earnings	Added estimate for full-time year round workers Added estimate for number of families by family size Census occupation codes updated to reflect revised SOC codes
Group Quarters	Improved table titles to indicate the number of group quarters types Added estimates for people not in the labor force for institutional group quarters Census occupation codes updated to reflect revised SOC codes
Disability	Census occupation codes updated to reflect revised SOC codes
Health Insurance	Census occupation codes updated to reflect revised SOC codes
Journey to Work and Migration	Census occupation codes updated to reflect revised SOC codes

Other ACS Data Product Modifications: Data Profiles and Comparison Profiles

Topic	Type of Change
Industry	Updated census codes to reflect revised North American Industrial Classification System (NAICS)
Occupation	Updated census codes to reflect revised Standard Occupational Classification (SOC) codes
Educational Attainment	Added estimates for high school or higher and bachelor's and higher
Housing	Updated categories for year moved in

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5-Year Data Products

- Data Profiles (5)
(Social, Economic, Housing, Demographic, Selected Social Characteristics - Puerto Rico)
- Comparison Profiles (5)
(2014-2018 and 2009-2013)
- Subject Tables (83)
- Detailed Tables (1,135)
- Narrative Profiles
- Data Tools
 - API, QuickFacts, My Tribal Area, Census Business Builder

Language

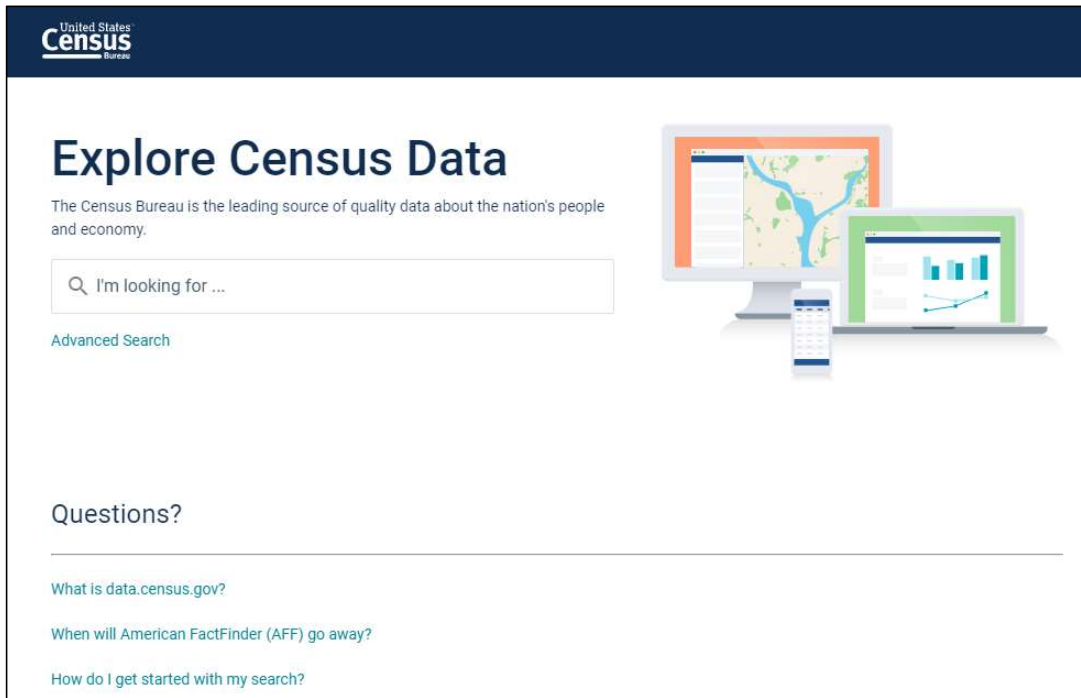
Among people at least five years old living in Prince George's County, Maryland in 2012-2016, 23 percent spoke a language other than English at home. Of those speaking a language other than English at home, 58 percent spoke Spanish and 42 percent spoke some other language; 46 percent reported that they did not speak English "very well."

Percent of the Population 5 years and over who Speak a Language other than English in Prince George's County, Maryland in 2012-2016

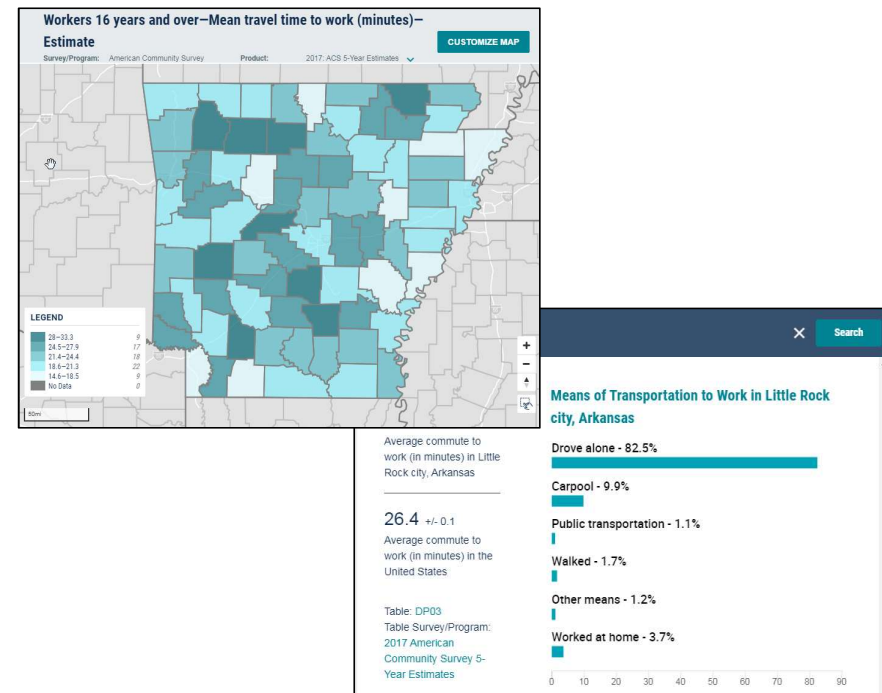
[click graph to view data in table format](#)

Subject	Occupied housing units	
	Estimate	Margin of Error
Occupied housing units	116,291,033	+/-141,632
UNITS IN STRUCTURE		
1, detached	62.8%	+/-0.1
1, attached	6.0%	+/-0.1
2 apartments	3.6%	+/-0.1
3 or 4 apartments	4.4%	+/-0.1
5 to 9 apartments	4.7%	+/-0.1
10 or more apartments	12.7%	+/-0.1
Mobile home or other type of housing	5.8%	+/-0.1
YEAR STRUCTURE BUILT		
2010 or later	1.6%	+/-0.1
2000 to 2009	14.8%	+/-0.1
1980 to 1999	27.9%	+/-0.1
1960 to 1979	26.7%	+/-0.1
1940 to 1959	16.2%	+/-0.1
1939 or earlier	12.7%	+/-0.1

data.census.gov



The screenshot shows the homepage of data.census.gov. At the top left is the United States Census Bureau logo. The main heading is "Explore Census Data". Below it, a text block states: "The Census Bureau is the leading source of quality data about the nation's people and economy." There is a search bar with the placeholder text "I'm looking for ...". Below the search bar is a link for "Advanced Search". Further down, there is a "Questions?" section with a list of links: "What is data.census.gov?", "When will American FactFinder (AFF) go away?", and "How do I get started with my search?". On the right side of the page, there is an illustration of a desktop monitor, a laptop, and a smartphone, all displaying data visualizations like maps and charts.



5-Year Summary File

// [Census.gov](#) > [Our Surveys & Programs](#) > [American Community Survey \(ACS\)](#) > [American Community Survey Data](#) > **American Community Survey Summary File Data**

Summary File Documentation

< [Back to American Community Survey Data](#)



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Summary File Data

 The Summary File contains estimate, margin of error, and geography files for each release.

 View instructions, guides, and example SAS programs on the [Summary File Technical Documentation](#) page.

2018 **2017** 2016 2015 2014 2013 2012 2011 [MORE](#) ▾

2017

[2017 ACS 1-year Estimates](#) [2017 ACS 5-year Estimates](#)

[1-Year Summary File](#) [5-Year Summary File](#)

Related In

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[Using America Summary File](#)

Narrative Profile

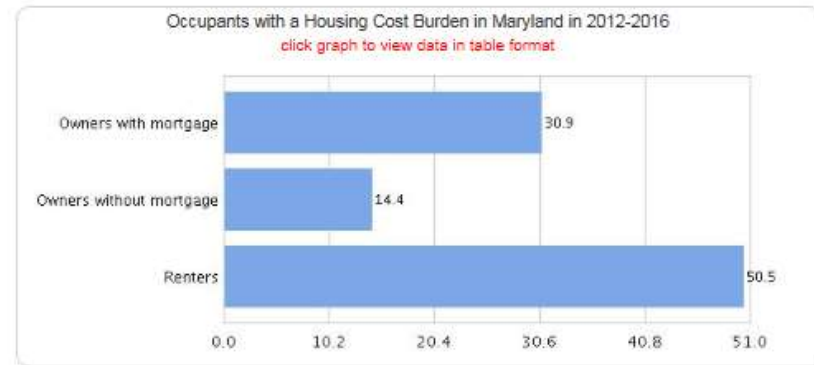
▶ Language

Among people at least five years old living in Maryland in 2012-2016, 18 percent spoke a language other than English at home. Of those speaking a language other than English at home, 42 percent spoke Spanish and 58 percent spoke some other language; 37 percent reported that they did not speak English "very well."



▶ Housing Costs

The median monthly housing costs for mortgaged owners was \$1,938, nonmortgaged owners \$588, and renters \$1,264. An estimated 31 percent of owners with mortgages, 14 percent of owners without mortgages, and 51 percent of renters in Maryland spent 30 percent or more of household income on housing.



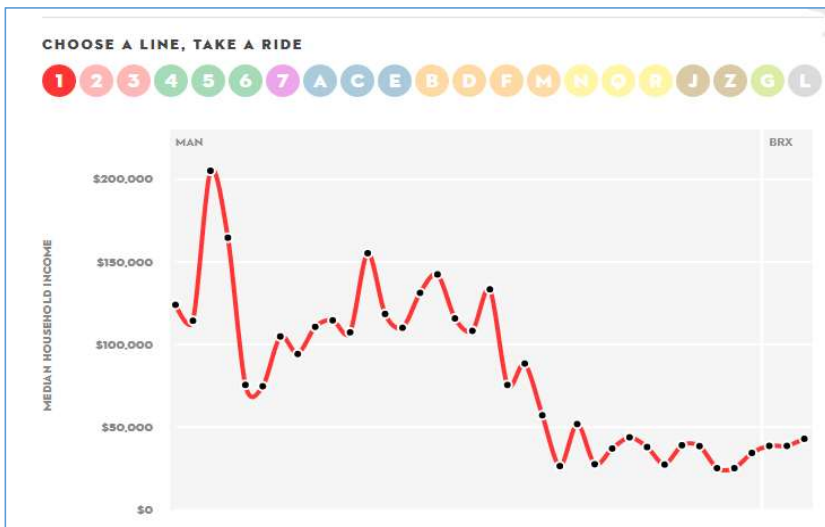
▶ Employment Status and Type of Employer

In Maryland, 63 percent of the population 16 and over were employed; 32 percent were not currently in the labor force.

An estimated 73 percent of the people employed were private wage and salary workers; 22 percent were federal, state, or local government workers; and 5 percent were self-employed in their own (not incorporated) business.

Class of worker	Number	Percent
Private wage and salary workers	2,199,093	73.2
Federal, state, or local government workers	660,843	22.0
Self-employed workers in own not incorporated business	142,210	4.7

Application Programming Interface (API)



[Source: The New Yorker](#)



[Source: ClearGov](#)

Data Tool Updates

QuickFacts
UNITED STATES

QuickFacts provides statistics for all states and counties, and for cities and towns with a population of 5,000 or more.

What's New & FAQs >

Enter state, county, city, town, or zip code Select a fact >

CLEAR TABLE MAP CHART DASHBOARD MORE

Dashboard - UNITED STATES

Population estimates, July 1, 2017, (V2017)

All Topics

UNITED STATES	325,719,178
Population estimates, July 1, 2017, (V2017)	325,719,178
PEOPLE	
Population	
Population estimates, July 1, 2017, (V2017)	325,719,178
Population estimates base, April 1, 2010, (V2017)	308,758,105
Population, percent change - April 1, 2010 (estimates base) to July 1, 2017, (V2017)	5.5%
Population, Census, April 1, 2010	308,745,538
Age and Sex	
Persons under 5 years, percent	▲ 5.1%
Persons under 18 years, percent	▲ 22.6%
Persons 65 years and over, percent	▲ 15.6%
Female persons, percent	▲ 50.8%
Race and Hispanic Origin	

Map data ©2018 Google, INEGI | Terms of Use

United States Census Bureau

Census Business Builder: Small Business Edition

Privacy Act Statement FAQs Send Feedback

Determine the Best Location for Your Business

1. What type of business do you want to start or research?
Select your type of business from the broad categories below and then from the detailed list provided.

2. Where do you plan to open the business?
Select the proposed location for your business by either searching for it or by using the Go To My Current Location button.

Construction Food Services Healthcare Personal Services Prof & Biz Services Retail

OR County, City/Town, or ZIP Code

Go to Map

Powered by the U.S. Census Bureau and Esri. For help using this tool, see the [CBB Home Page](#).
Learn more about other Census Bureau data that can help grow your business, by visiting [www.census.gov](#).

Tell us what you think >

My Tribal Area

Enter name of Tribal Area

OR

Select a State

Select a State

People Jobs Housing Income Education

The Census Bureau collects data for the American Indian and Alaska Native (AIAN) population and publishes specific counts, estimates, and statistics. My Tribal Area gives you quick and easy access to selected statistics from the American Community Survey (ACS). The ACS provides detailed demographic, social, economic, and housing statistics every year for the nation's communities. My Tribal Area is powered by the Census Application Programming Interface (API).

Source: 2011-2019 American Community Survey 5-Year Estimates

U.S. Department of Commerce
Economic and Census Administration
U.S. Census Bureau
census.gov

Powered by
The American Community Survey

January >

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ACS Website

// [Census.gov](#) > [Our Surveys & Programs](#) > [American Community Survey \(ACS\)](#)

American Community Survey (ACS)

The [American Community Survey \(ACS\)](#) helps local officials, community leaders, and businesses understand the changes taking place in their communities. It is the premier source for detailed population and housing information about our nation.



[How do I respond to the ACS?](#)

[Why do you ask each question?](#)

[Where can I get ACS data?](#)

[Data](#)

[Back to Our Surveys & Programs](#)



Respond to the ACS
Learn how

Navigation Menu:

- About the Survey
- Respond to the Survey
- News & Updates
- Data
- Guidance for Data Users
- Geography & ACS
- Technical Documentation
- Methodology
- Library
- Operations and Administration
- Contact Us

Data Release Information

// [Census.gov](#) > [Our Surveys & Programs](#) > [American Community Survey \(ACS\)](#) > [News & Updates](#) > [American Community Survey Data Releases](#)


Data Releases


[News](#)

[Updates](#)



[Events](#)

[Back to News & Updates](#)


Respond to the ACS
[Learn how](#)



Data Releases

  Leading up to the annual release of new datasets, the Census Bureau publishes a schedule, notes about new estimates or new guidance, and technical information about geography and product changes. Users can also browse the notes from previous years using the tabs below.

[2018](#) [2017](#) [2016](#) [2015](#) [2014](#) [2013](#) [2012](#) [2011](#) [MORE](#) ▾

2018

Details About the 2018 Release

2018 Data Release New and Notable
Learn more about items of interest related to the 2018 ACS release.

2018 Data Release Schedule
Review the dates and components of the 2018 ACS release.

2018 Table & Geography Changes
Learn more about changes to tables and geography for each ACS data release.

Related Information

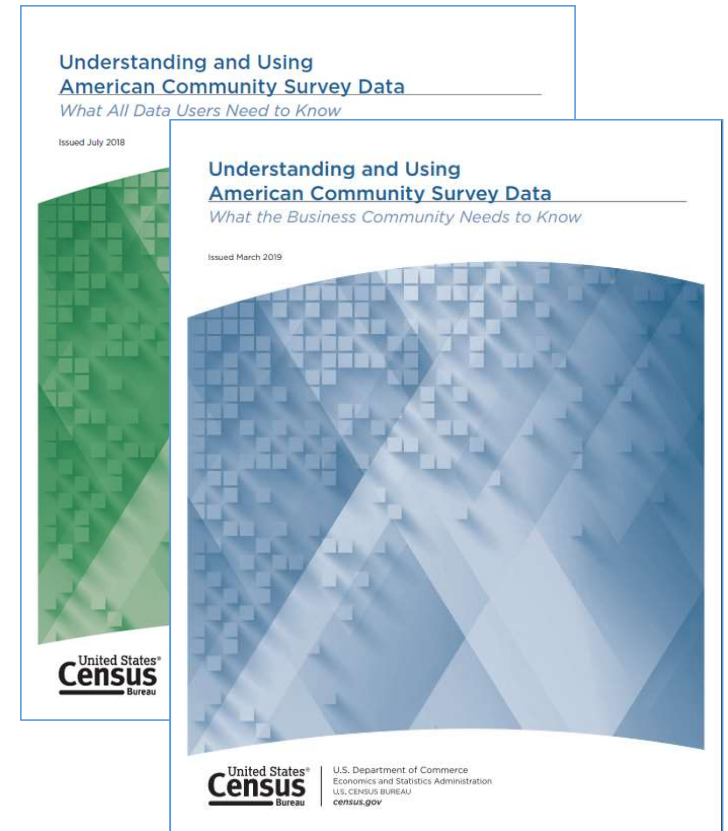
[Share Your ACS Data Story](#)

[Contact Us](#)

Data User Handbooks and Training Presentations

Currently Available

- All Data Users
- American Indian and Alaska Natives
- Summary File
- Rural
- State and Local Government
- Business



Technical Documentation

// [Census.gov](#) > [Our Surveys & Programs](#) > [American Community Survey \(ACS\)](#) > [Technical Documentation](#)

Code Lists, Definitions, and Accuracy

User Notes

Errata Notes

Data Suppression

Table & Geography Changes

Table Shells and Table List




Summary File Documentation

PUMS Documentation

Variance Replicate Tables Documentation

Race/Ethnicity and American Indian & Alaska Native Documentation

[Back to American Community Survey \(ACS\)](#)

Technical Documentation

The American Community Survey provides various documentation to assist users with our data releases. Click on the links below to learn more about these resources.

Code Lists, Definitions, and Accuracy

View the detailed codes and definitions for variables, statistical testing, and an explanation of sample design, methodology, and accuracy for the ACS.

User Notes

Learn more about issues impacting the American Community Survey, including design, collection, production, and data release.

Errata Notes

Learn more about errors and/or corrections related to the American Community Survey.

OCTOBER 01, 2016

Data Suppression

Learn more about why certain American Community Survey estimates are not available due to data suppression.

Related Information

[American Community Survey Data](#)

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You May Be Interested In

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Comparison Guidance

// Census.gov > American Community Survey (ACS) > Guidance for Data Users > Comparing ACS Data > 2017

2018
2017
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2007
2006

< Back to Comparing ACS Data

 **Comparing 2017 American Community Survey Data**

 **Comparing 2017 American Community Survey Data**

 Learn more about comparing the 2017 ACS 1-year estimates with:

- 2016 ACS 1-year estimates
- 2010 Census
- 2000 Census

To learn more about comparing the 2013-2017 ACS 5-year estimates with the 2008-2012 ACS 5-year estimates visit the [5-year to 5-year Comparison Guide page](#).

If you would like to compare the 2017 ACS 1-year with estimates with ACS estimates prior to the 2016 ACS, please refer to the year-by-year comparison guidance throughout the entire time span. For example, to compare the 2017 ACS 1-year estimates with the 2015 ACS 1-year estimates, please reference:

- Guidance for comparing 2017 ACS 1-year with 2016 ACS 1-year estimates
- Guidance for comparing 2016 ACS 1-year with 2015 ACS 1-year estimates

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Statistical Testing Tool

// [Census.gov](#) > [Our Surveys & Programs](#) > [American Community Survey \(ACS\)](#) > [Guidance for Data Users](#) > **Statistical Testing Tool**

[Subjects Included in the Survey](#)

[Which Data Table or Tool Should I Use?](#)

[When to Use 1-year, 3-year, or 5-year Estimates](#)

[Handbooks](#)

[Comparing ACS Data](#)

[Statistical Testing Tool](#)

[Training Presentations](#)

[Back to Guidance for Data Users](#)



Statistical Testing Tool



Comparing American Community Survey (ACS) estimates involves more than determining which statistic is higher or lower. Users should also conduct statistical testing to make sure differences are statistically significant and are unlikely to have occurred by chance. This testing takes into account the margin of error (MOE) associated with survey estimates, which are based on responses from only a sample of the full population.



Looking for an easy way to conduct statistical testing? Try the Census Bureau's new [Statistical Testing Tool](#). Simply copy or download ACS estimates and their MOEs into the spreadsheet to get instant results of statistical tests.



[Download Statistical Testing Tool \[XLSX - 3.5 MB\]](#)

Related Information

[Share Your ACS Data Story](#)

[Contact Us](#)

You May Be Interested In

RELATED TOPICS

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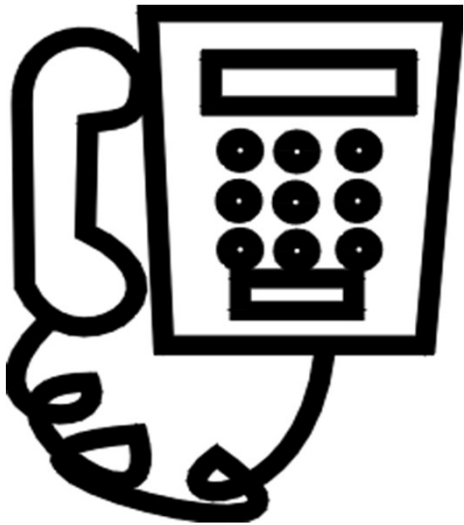
AROUND THE BUREAU

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Questions?



Dial *1 for the Operator

After Questions Stay for a Demo:
How to Access 5-Year Block Group Data in
data.census.gov

Data Tell Stories. Tell Us Yours!

The image shows a screenshot of the 'Share Your ACS Data Story' form on the American Community Survey website. The form is titled 'Share Your ACS Data Story' and includes the following text: 'We want to hear about how you use American Community Survey (ACS) data to make an important decision, for your community, open/expand a business, etc? If so, we are eager to learn more about how you use ACS data in action. Share your story by completing the fields below to help us showcase the value of the ACS.' Below this text are three main sections: 'Your Story *', 'Your data details', and 'Outcome *'. Each section has a text input field. To the right of the form, three circular callouts are connected to the form sections by lines. The top callout shows a stack of books and is labeled 'Your story'. The middle callout shows a hand holding a tablet displaying a world map and a bar chart, labeled 'Your data details'. The bottom callout shows a hand holding a bar chart, labeled 'Your outcome'. The form also includes a navigation menu at the top with categories: GEOGRAPHY (Maps, Products), LIBRARY (Infographics, Publications), DATA (Tools, Developers), and SURVEYS/PROGRAMS (Respond, Survey Data). A red asterisk indicates a required field.



- Purpose:
 - Improve understanding of the value and utility of ACS data.
 - Promote information sharing among data users about key ACS data issues and applications
- Membership is free and open to all interested ACS data users
- Webinars and special sessions at professional meetings planned
- Users group website and online community

acsdatacommunity.prb.org

Webinar Outline

- Upcoming ACS Data Releases
- ACS Basics
- Changes for 2014-2018 ACS 5-year Release
- How to Access ACS Data
- ACS Website
- Q&A
- **Accessing Block Group Data Using data.census.gov**

data.census.gov: Changing the way you get data at the U.S. Census Bureau

Transitioning from American FactFinder (AFF) to data.census.gov:

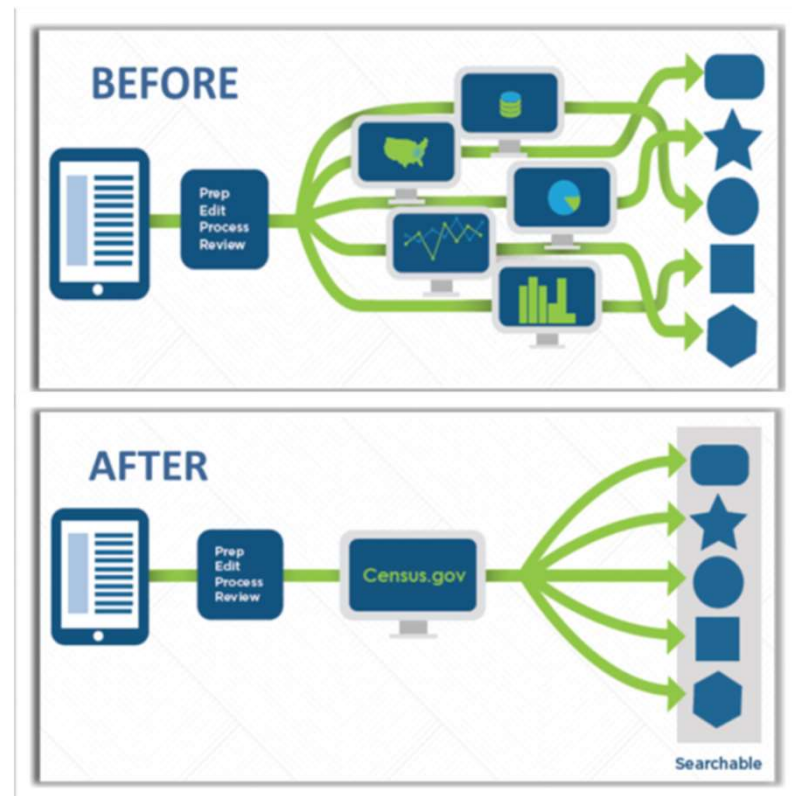
- Streamline access to data
- Maintain best of current tools
- Reduce redundancies and costs
- Provide greater access to Census API

Most AFF data migrated to the Census API and data.census.gov:

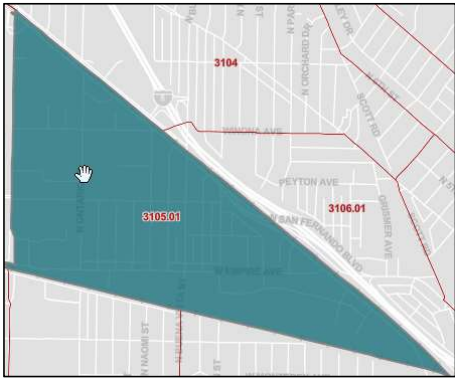
- Spring 2020

First major releases exclusively on data.census.gov this September:

- 2017 Economic Census
- 2018 American Community Survey 1-Year Estimates



What is a Block Group?



**Census Tract 3105.01,
Los Angeles County, CA**



**Block Group 1,
Census Tract 3105.01,
Los Angeles County, CA**

Population of:
Block Group 1 = 927
+Block Group 2 = 1,861
+Block Group 3 = 1,217

Tract 3105.01 = 4,005

[census.gov/programs-surveys/geography/about/glossary.html#par_textimage_4](https://www.census.gov/programs-surveys/geography/about/glossary.html#par_textimage_4)

Census Geocoder Address Lookup

Find the block group and census tract for an address:

- Click **Address** under “Find Geographies Using...”
- Enter street address (example: **2300 Empire Ave, Burbank, CA 91504**)
- Click **Find**

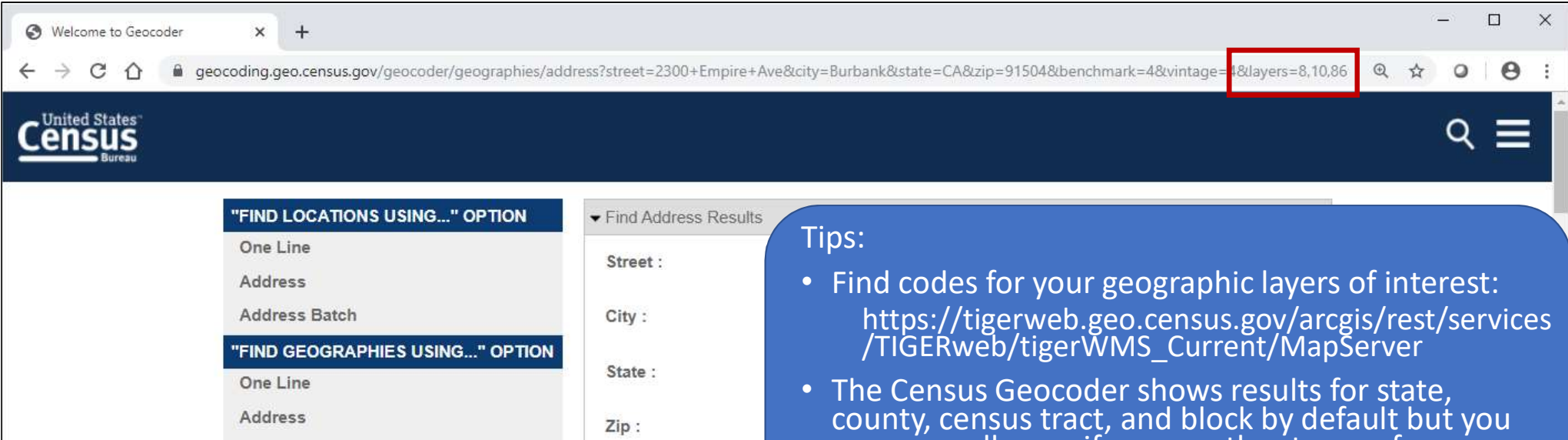
The screenshot displays the Census Geocoder interface. On the left, a sidebar contains three main sections: "FIND LOCATIONS USING..." OPTION, "FIND GEOGRAPHIES USING..." OPTION, and "ABOUT DATA...". The "Address" option under "FIND GEOGRAPHIES USING..." is highlighted with a red box. The main area on the right is titled "Find Address Results" and contains a form with the following fields: Street (2300 Empire Ave), City (Burbank), State (CA), Zip (91504), Benchmark (Public_AR_Current), and Vintage (Current_Current). A red box highlights the "FIND" button at the bottom left of the form.

geocoding.geo.census.gov/geocoder

Census Geocoder Address Lookup (continued)

Edit URL to get results for block group (8), census tract (10) and county (86)

- Add **&layers=8,10,86** to the end of the URL
- Press **enter**



The screenshot shows a web browser window with the URL `geocoding.geo.census.gov/geocoder/geographies/address?street=2300+Empire+Ave&city=Burbank&state=CA&zip=91504&benchmark=4&vintage=4&layers=8,10,86`. The parameter `&layers=8,10,86` is highlighted with a red box. The page content includes the United States Census Bureau logo, a search menu, and a "Find Address Results" section with fields for Street, City, State, and Zip. On the left, there are two sections: "FIND LOCATIONS USING..." with options "One Line", "Address", and "Address Batch"; and "FIND GEOGRAPHIES USING..." with options "One Line" and "Address".

Tips:

- Find codes for your geographic layers of interest:
https://tigerweb.geo.census.gov/arcgis/rest/services/TIGERweb/tigerWMS_Current/MapServer
- The Census Geocoder shows results for state, county, census tract, and block by default but you can manually specify many other types of geographies by editing the URL

Census Geocoder Address Lookup (continued)

- View the **NAME** section under the headings for **Census Block Groups**, **Census Tracts**, and **Counties**
- The street address falls within **Block Group 1**, **Census Tract 3105.01**, **Los Angeles County**

Census Block Groups:
GEOID: 060373105011
CENTLAT: +34.1917479
AREAWATER: 0
STATE: 06
BASENAME: 1
OID: 208903717305468
LSADC: BG
FUNCSTAT: S
INTPTLAT: +34.1917479
NAME: Block Group 1
OBJECTID: 45724
TRACT: 310501
CENTLON: -118.3325451
BLKGRP: 1
AREALAND: 778981
INTPTLON: -118.3325451
MTFCC: G5030
COUNTY: 037

Census Tracts:
GEOID: 06037310501
CENTLAT: +34.1946547
AREAWATER: 0
STATE: 06
BASENAME: 3105.01
OID: 207903717303996
LSADC: CT
FUNCSTAT: S
INTPTLAT: +34.1946547
NAME: Census Tract 3105.01
OBJECTID: 35153
TRACT: 310501
CENTLON: -118.3394509
AREALAND: 1965651
INTPTLON: -118.3394509
MTFCC: G5020
COUNTY: 037

Counties:
GEOID: 06037
CENTLAT: +34.1957768
AREAWATER: 1793485467
STATE: 06
BASENAME: Los Angeles
OID: 275901063468976
LSADC: 06
FUNCSTAT: A
INTPTLAT: +34.1963983
NAME: Los Angeles County
OBJECTID: 398
CENTLON: -118.2617650
COUNTYCC: H1
COUNTYNS: 00277283
AREALAND: 10511861492
INTPTLON: -118.2618616
MTFCC: G4020
COUNTY: 037

Downloading Block Group Data on data.census.gov

Explore Census Data

The Census Bureau is the leading source of quality data about the nation's people and economy.

🔍 I'm looking for ...

[Advanced Search](#)

Three Easy Steps:

1. Find your table
2. Add your geography
3. Download data

data.census.gov

Click **Advanced Search**



The screenshot shows the homepage of data.census.gov. At the top right is the United States Census Bureau logo. The main heading is "Explore Census Data". Below it is a sub-heading: "The Census Bureau is the leading source of quality data about the nation's people and economy." There is a search bar with the placeholder text "I'm looking for ...". Below the search bar is a red-bordered button labeled "Advanced Search". To the right of the text is an illustration of a desktop monitor, a laptop, and a smartphone, all displaying data visualizations like maps and charts.

Select Your Dataset

Surveys → ACS 5-Year Estimates Detailed Tables

BROWSE FILTERS

- Topics
- Geography
- Years
- Surveys**
- Codes

SURVEYS

- ACS 1-Year Estimates Detailed Tables
- ACS 1-Year Estimates Selected Population Profiles
- ACS 1-Year Estimates Subject Tables
- ACS 5-Year Estimates Comparison Profiles
- ACS 5-Year Estimates Data Profiles
- ACS 5-Year Estimates Detailed Tables
- ACS 5-Year Estimates Subject Tables

Selected Filters: ACS 5-Year Estimates Detailed Tables ✕

CLEAR FILTERS **SEARCH** ⋮ MORE

Select Year

Years → 2017

BROWSE FILTERS	YEARS
Topics	<input type="checkbox"/> 2018
Geography	<input checked="" type="checkbox"/> 2017
Years	<input type="checkbox"/> 2016
Surveys	<input type="checkbox"/> 2015
Codes	<input type="checkbox"/> 2014
	<input type="checkbox"/> 2013
	<input type="checkbox"/> 2012
	<input type="checkbox"/> 2011
	<input type="checkbox"/> 2010

Selected Filters: 2017 ACS 5-Year Estimates Detailed Tables

Select Topic

- Topics → Populations and People → **Age and Sex**
- Click **Search** in the lower right

BROWSE FILTERS	TOPICS	POPULATIONS AND PEOPLE
Topics	Business and Economy	<input type="checkbox"/> Populations and People
Geography	Education	<input checked="" type="checkbox"/> Age and Sex
Years	Employment	Ancestry
Surveys	Families and Living Arrangements	<input type="checkbox"/> Computer and Internet Use
Codes	Government	Counts, Estimates, and Projections
	Health	<input type="checkbox"/> Language Spoken at Home
	Housing	Native and Foreign Born
	Income and Poverty	<input type="checkbox"/> Older Population
	Populations and People	Population Change and Components
	Race and Ethnicity	

Selected Filters: Age and Sex ACS 5-Year Estimates Detailed Tables 2017

Find Table

- Click **Tables** in the upper left
- Find and click on your table of interest in the left panel of table results

ALL
TABLES
MAPS
PAGES

317 Results
[Filter](#) | [Download](#)

SEX BY AGE
Survey/Program: American Community Survey
Years: 2017
Table: B01001

SEX BY AGE (WHITE ALONE)
Survey/Program: American Community Survey
Years: 2017
Table: B01001A

SEX BY AGE (BLACK OR AFRICAN AMERICAN ALONE)
Survey/Program: American Community Survey

SEX BY AGE
Survey/Program: American Community Survey
TableID: B01001

Product: 2017: ACS 5-Year Estimates Detailed Table
Universe: Total population

CUSTOMIZE TABLE

	United States	
	Estimate	Margin of Error
▼ Total:	321,004,407	*****
▼ Male:	158,018,753	+/-5,582
Under 5 years	10,151,822	+/-3,520
5 to 9 years	10,431,216	+/-17,420
10 to 14 years	10,585,293	+/-17,356
15 to 17 years	6,442,108	+/-3,426
18 and 19 years	4,417,530	+/-4,259

Add Geography

- Click **Filter** in the left navigation panel
- Geography → Block Group → California → Los Angeles County, CA → **All Block Groups in Los Angeles County, CA**
- Click the **chevron** in the upper right that says “Hide”

The screenshot displays the United States Census Bureau data tool interface. The top navigation bar includes the 'United States Census Bureau' logo, a search bar, and tabs for 'ALL', 'TABLES', 'MAPS', and 'PAGES'. The main content area shows the 'SEX BY AGE' table for the American Community Survey, 2017, with 317 results. The 'Advanced Filters' panel is open, showing a tree view of filters. The 'Geography' filter is selected, and the 'Block Group' level is chosen. The 'California' state is selected, and 'Los Angeles County, California' is chosen. The 'All Block Groups within Los Angeles County, California' option is checked. A 'HIDE' button is visible in the top right corner of the filter panel.

Download Table

Click **Download Table**

ALL TABLES MAPS PAGES

317 Results [Filter](#) | [Download](#)

SEX BY AGE
Survey/Program: American Community Survey
TableID: B01001

Product: 2017: ACS 5-Year Estimates Detailed Tables
Universe: Total population

CUSTOMIZE TABLE

SEX BY AGE
Survey/Program: American Community Survey
Years: 2017
Table: B01001

SEX BY AGE (WHITE ALONE)
Survey/Program: American Community Survey
Years: 2017
Table: B01001A

SEX BY AGE (BLACK OR AFRICAN AMERICAN ALONE)
Survey/Program: American Community Survey
Years: 2017
Table: B01001B

SEX BY AGE (AMERICAN INDIAN AND ALASKA NATIVE ALONE)

Sorry, that table is too large to display.

DOWNLOAD TABLE [FILTER RESULTS](#)

Download Table (continued)

- Confirm the box is checked next to the desired ACS 5-year vintage (example: 2017 ACS 5-year)
- Click **Download** in the lower right

The screenshot displays the 'SEX BY AGE' table download interface. The top navigation bar includes 'ALL', 'TABLES', 'MAPS', and 'PAGES'. The main header shows 'SEX BY AGE' with 'Survey/Program: American Community Survey', 'TableID: B01001', 'Product: 2017: ACS 5-Year Estimates Detailed Tables', and 'Universe: Total population'. A 'CUSTOMIZE TABLE' button is visible in the top right.

The left sidebar lists several table options, including 'SEX BY AGE', 'SEX BY AGE (WHITE ALONE)', 'SEX BY AGE (BLACK OR AFRICAN AMERICAN ALONE)', and 'SEX BY AGE (AMERICAN INDIAN AND ALASKA NATIVE ALONE)'. The 'SEX BY AGE' table is currently selected.

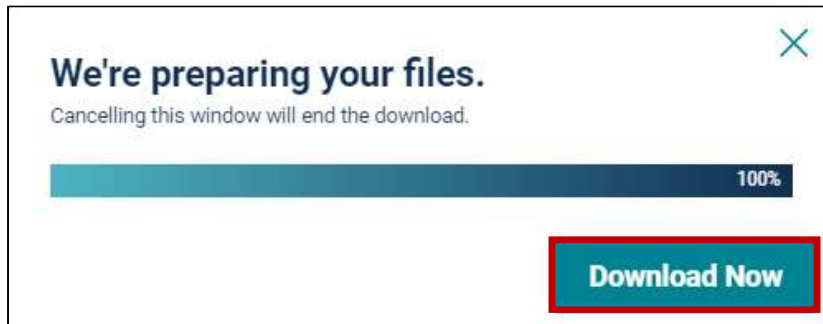
The main content area is titled 'Download / Print / Share'. It features a 'Select Table Vintages' table with the following data:

Table ID	Vintage	Select
B01001	5-Year	<input checked="" type="checkbox"/>

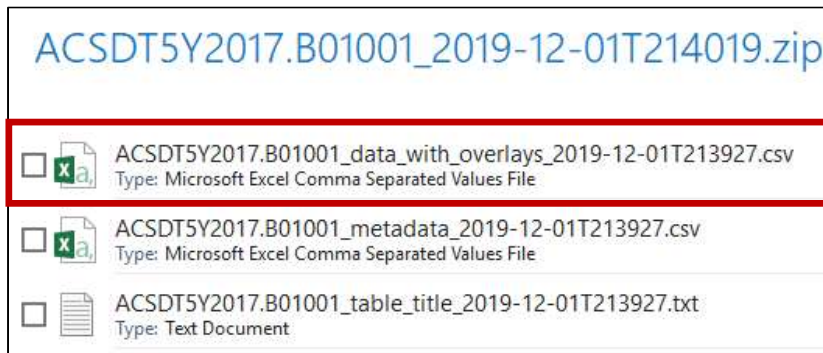
Below the table, there are options for 'File Type' (CSV selected, PDF unselected) and 'What You're Getting' (1 .csv files (metadata), 1 .csv files (data), 1 .txt files (table title)). The 'Uncompressed Estimated Size: 8.1 MB' is displayed. A red box highlights the 'DOWNLOAD' button in the bottom right corner.

Download Table (continued)

- Wait for the download status to reach 100% and then click **Download Now**



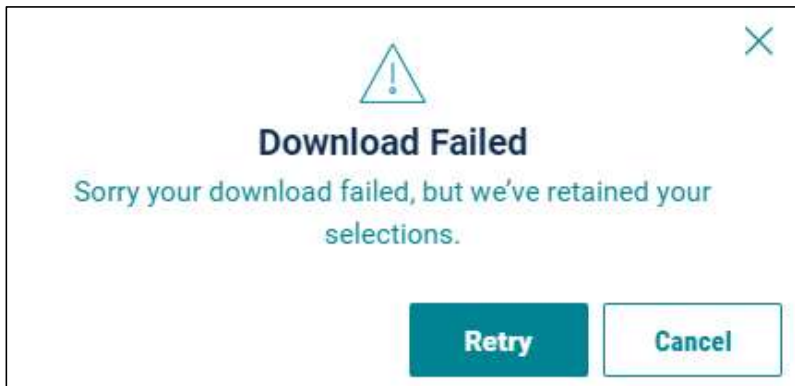
- Open the .csv file that has **“data_with_overlays”** in the naming convention



View Download: Table B01001

	A	B	C	D	E
1	GEO_ID	NAME	B01001_001E	B01001_0	B01001_0
2	id	Geographic Area Name	Estimate!!Total	Margin of	Estimate!!
3	1500000US06037113101	Block Group 2, Census Tract 1131.01, Los Angeles County, California	2147	387	976
4	1500000US06037543702	Block Group 1, Census Tract 5437.02, Los Angeles County, California	1279	376	598
5	1500000US06037576602	Block Group 0, Census Tract 5766.02, Los Angeles County, California	0	12	0
6	1500000US06037482303	Block Group 3, Census Tract 4823.03, Los Angeles County, California	1879	514	1034
7	1500000US06037431502	Block Group 1, Census Tract 4315.02, Los Angeles County, California	1312	302	693
8	1500000US06037920115	Block Group 2, Census Tract 9201.15, Los Angeles County, California	2987	327	1463
9	1500000US06037552601	Block Group 2, Census Tract 5526.01, Los Angeles County, California	1650	425	846

Overcoming Download Errors



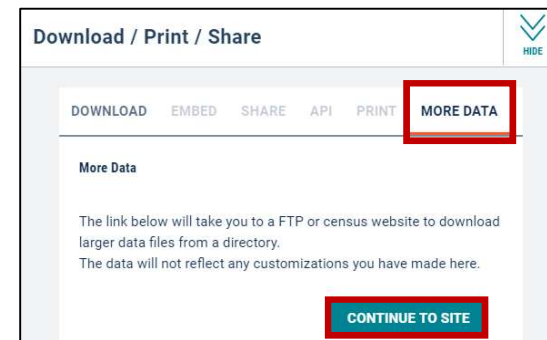
Break your download into smaller pieces by using:

- Fewer geographies
- Fewer tables/vintages in a single download
- Smaller tables

Example: Download median income from Detailed Table B19013 instead of Subject Table S1903

Download from FTP Sites:

Links to FTP sites on data.census.gov



Census Bureau's Data API

census.gov/developers

Collections of Geographies

We recently released more check boxes that allow you to select collections of geographies in a single click:

All congressional districts (116th Congress) within:

- Nation
- State

All census tracts within:

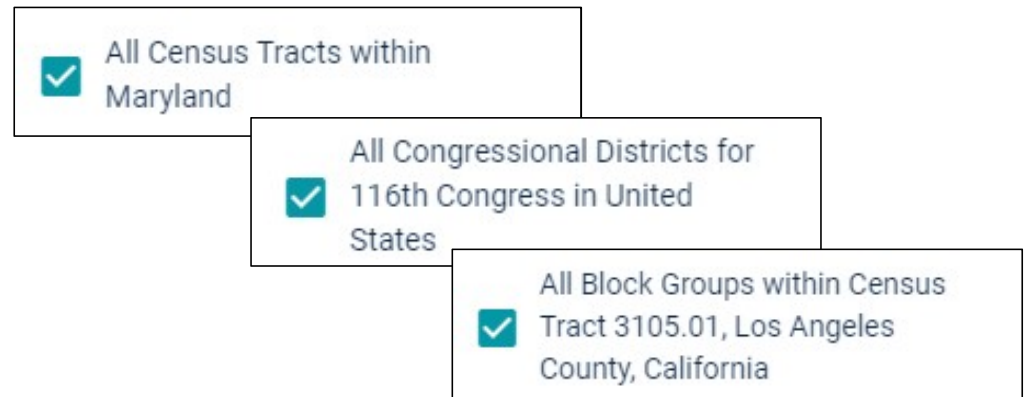
- State
- County

All block groups within:

- County
- Census tract

All combined statistical areas (CSAs) in the United States

All school districts within state

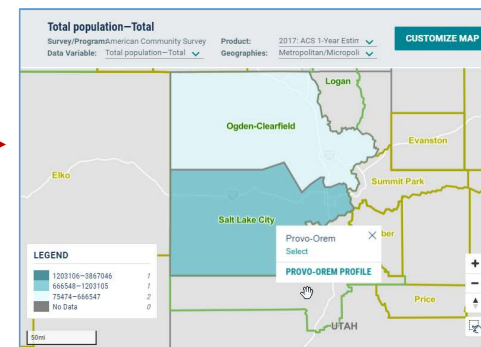


We are working to add more based on user feedback. In the meantime:

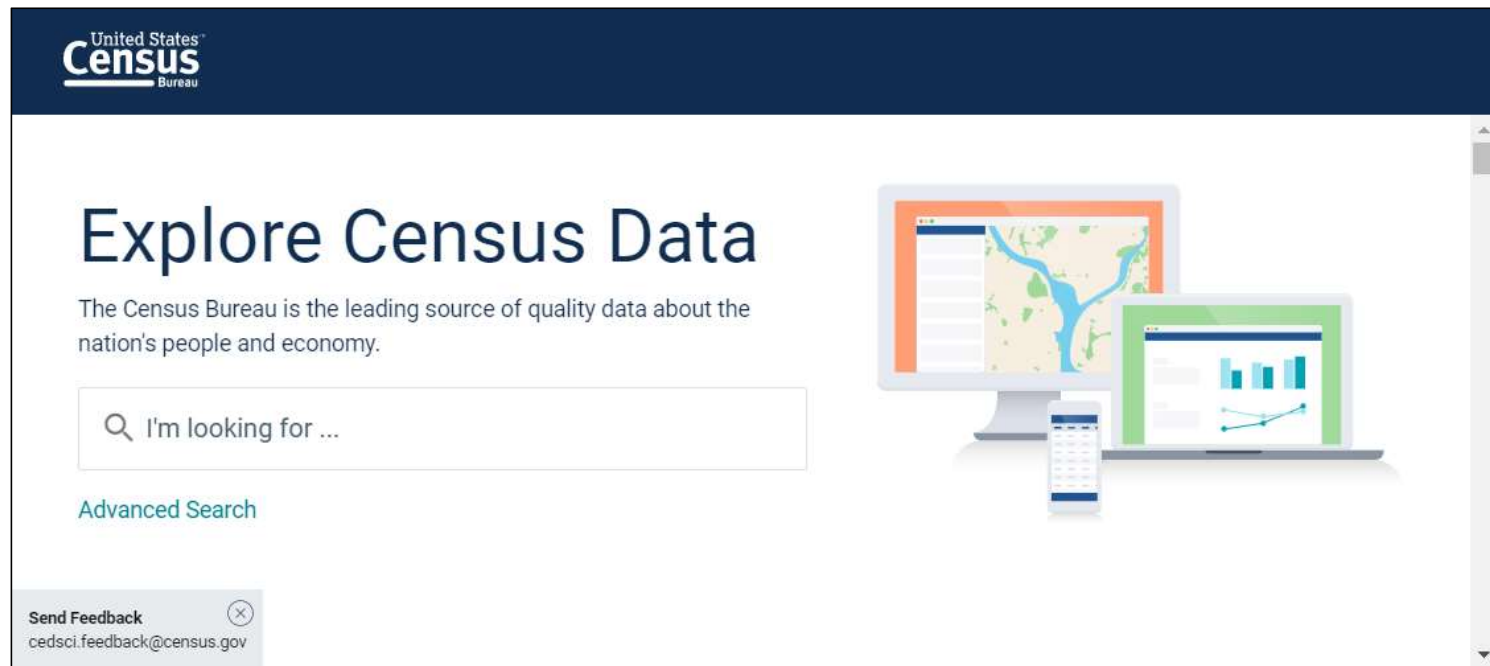
- Use maps on data.census.gov to select small groupings of geographies
- Use FTP site or the API



census.gov/data/what-is-data-census-gov.html



Our Development Depends on YOUR Feedback



Check out data.census.gov and provide comments at cedsci.feedback@census.gov

Stay Connected: Webinars, Tutorials, and Feedback

data.census.gov Resources page:

<https://www.census.gov/data/what-is-data-census-gov.html>

Census Academy:

<https://census.gov/data/academy/webinars/upcoming.html>

- **Webinars:** Recorded and upcoming webinars on data.census.gov
- **Data Gems:** A series of short “How-To” videos

Feedback: Email comments to

cedsci.feedback@census.gov



Questions?

Dial *1 for the Operator



Need Local Stats or Training?

We Can Help!

- Regional Data Staff
 - 1-844-ASK-DATA
 - census.askdata@census.gov
- State Data Centers & Census Information Centers
 - [census.gov/sdc](https://www.census.gov/sdc)



Questions?

Dial *1 for the Operator



For Further Information

Media Public Information Office
pio@census.gov
301-763-3030

Non-Media Customer Service Center
1-800-923-8282 or
301-763-INFO (4636)

Press Kit

Email Alerts

<https://public.govdelivery.com/accounts/USCENSUS/subscriber/new>

Website

census.gov/acs

Source Us

*U.S. Census Bureau's 2014-2018
American Community Survey*

