# 2022 American Community Survey 1-Year Estimates
## Pre-Release Webinar

September 7, 2023

**Webinar Slides**
census.gov/newsroom/press-kits/2023/acs-1year-estimates.html

United States Census Bureau

This webinar is being recorded. The recording will be available after the webinar.

# The American Community Survey

## Before We Start

- ✓ Press kit and slides are available at census.gov/newsroom/press-kits/2023/acs-1year-estimates.html
- ✓ Webinar recording will be posted a few days after the webinar
- ✓ If you are in need of closed captioning, click on the “cc” button in the lower left corner of WebEx
- ✓ Use the Q&A feature in the lower right corner of WebEx to submit a question to our subject matter experts during the webinar

United States® Census Bureau

# The American Community Survey

## Speakers

| | |
|---|---|
| Host | **Jewel Jordan**<br>Public Affairs Specialist<br>Public Information Office |
| Presenters | **Gretchen Gooding**<br>Branch Chief<br>American Community Survey Office |
| | **Maria Valdisera**<br>Program Analyst<br>Center for Enterprise Dissemination |

United States Census Bureau

# The American Community Survey
## Outline

- **Upcoming ACS Data Releases**
- ACS Basics
- Updates for 2022 ACS 1-Year Release
- Resources for Learning More
- Q&A
- Data.census.gov Updates and Accessing Data
- Final Q&A

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# The American Community Survey

## 2022 ACS 1-Year Release Schedule

### MEDIA EMBARGO: Tuesday, September 12, 2023

- Embargo at 10:00 a.m. (ET), Includes 2022 ACS 1-year estimates:
  - 1-year data products
  - Press Kit: census.gov/newsroom/press-kits/2023/acs-1-year-estimates.html

### PUBLIC RELEASE: Thursday, September 14, 2023

- Release at 12:01 a.m. (ET), Includes 2022 ACS 1-year estimates:
  - All 1-year data products
  - ACS Data Tools: data.census.gov, My Congressional District, QuickFacts, API

# The American Community Survey

## Upcoming ACS Releases

| 2022 ACS 1-Year Release | |
|---|---|
| **Data Products** | **Release** |
| 1-Year Estimates Media Embargo | September 12, 2023 |
| 1-Year Estimates Public Release | September 14, 2023 |
| 1-Year Public Use Microdata Sample (PUMS) | October 19, 2023 |
| 1-Year Supplemental Estimates | October 19, 2023 |
| **2018-2022 ACS 5-Year Release** | |
| **Data Products** | **Release** |
| 5-Year Estimates Media Embargo | December 5, 2023 |
| 5-Year Estimates Public Release | December 7, 2023 |
| 5-Year Public Use Microdata Sample (PUMS) | January 25, 2024 |
| 5-Year Variance Replicate Estimates | January 25, 2024 |

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census.gov/programs-surveys/acs/news/data-releases/2022/release-schedule.html

# The American Community Survey

## ACS vs. CPS

- 2022 income, poverty, and health insurance estimates from the Current Population Survey Annual Social and Economic Supplement (CPS ASEC) will be released September 12

- Estimates from CPS ASEC and ACS differ for a number of reasons, but trends over time tend to be similar across the surveys

- Recommendations:
  - National estimates -> CPS ASEC
  - Subnational estimates -> ACS

United States Census Bureau

census.gov/newsroom/press-kits/2023/income-poverty.html

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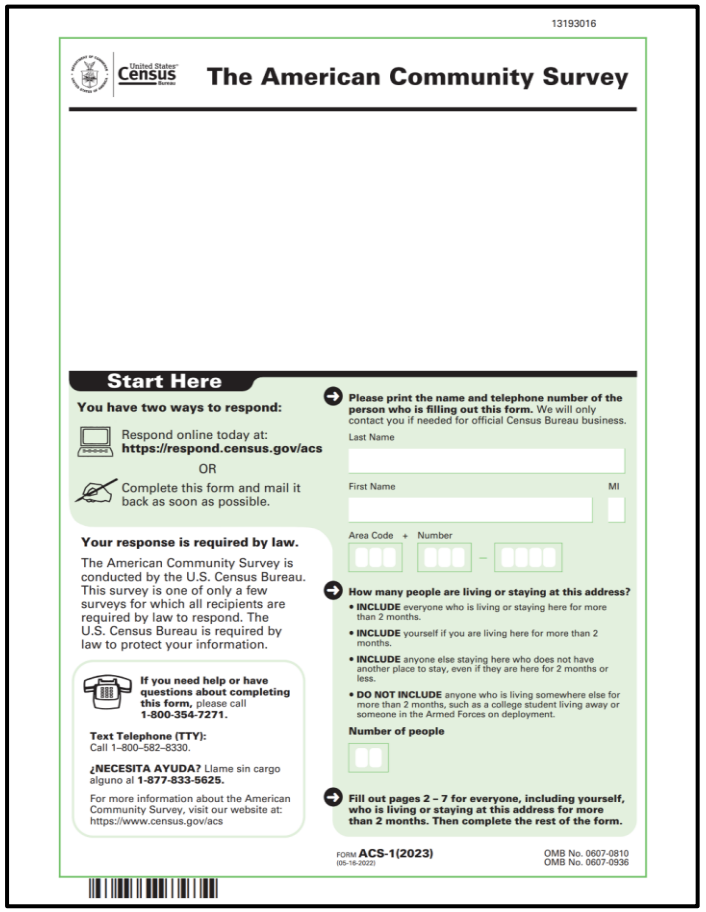
# The American Community Survey

## The Foundation

- 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 helps inform how trillions of dollars in federal funds are distributed each year
- Covers **40+ topics**, supports over **300** evidence-based federal government uses
- Three key annual data releases:
  - 1-year Estimates (for large populations, geographies of 65,000+ population)
  - 1-year Supplemental Estimates (for small populations, geographies of 20,000+ population)
  - 5-year Estimates (for very small populations, geographies down to Census Tracts and Block Groups)
- Officially started in 2005 (1-year estimates=2005; 5-year=2005-2009)



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United States Census Bureau

**The American Community Survey**

**Start Here**

**You have two ways to respond:**

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

OR

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

**Your response is required by law.**

The American Community Survey is conducted by the U.S. Census Bureau. This survey is one of only a few surveys for which all recipients are required by law to respond. The U.S. Census Bureau is required by law to protect your information.

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

**Text Telephone (TTY):**
Call 1–800–582–8330.

**¿NECESITA AYUDA?** Llame sin cargo alguno al **1-877-833-5625.**

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

**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 – 7 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(2023)**
(05-16-2022)

OMB No. 0607-0810
OMB No. 0607-0936

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# The American Community Survey

## Content Overview

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

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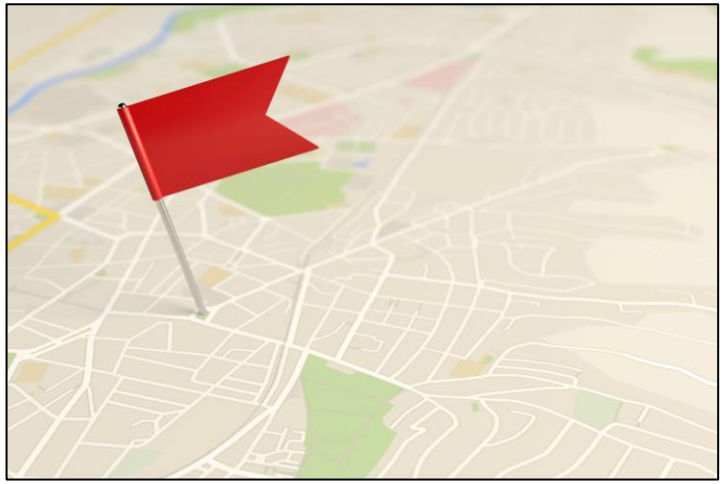
# The American Community Survey
## 1-Year Geography

- More than 13,800 geographic areas

- Geographic areas of 65K+ total population including
  - Nation
  - All States, DC, and Puerto Rico
  - All Metropolitan Statistical Areas
  - All Congressional Districts (118th Congress)
  - Other geographic areas with a population of 65,000 or more



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census.gov/programs-surveys/acs/geography-acs/areas-published.html

# The American Community Survey

## Introduction to the American Community Survey

Introduction to the
American Community Survey (ACS)

August 23, 2023

Mary Ana McKay
American Community Survey Office

Slides are available at https://www.census.gov/programs-surveys/acs/news/events.html

This webinar is being recorded. The recording will be available after the webinar.

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United States Census Bureau

census.gov/data/academy/webinars/2023/introduction-to-the-acs.html
census.gov/data/academy/courses/discovering-the-american-community-survey.html

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# The American Community Survey

## ACS Geography Changes

- Boundary changes typically occur due to annexation, disincorporation, and geocoding updates
- 2020-based Public Use Microdata Sample Areas (PUMAs) and Urban Areas
- 118th Congressional Districts
- Connecticut counties replaced with nine planning zones

# The American Community Survey

## Geography Boundaries by Year

### Legal Areas

Legally defined geographic areas used in the ACS are updated on an annual basis from a variety of programs, including: the Boundary and Annexation Survey (BAS), the Redistricting Data Program and the School District Review Program.

| Summary Level | Geographic Area | Vintage of Geographic Area for 2022 ACS Estimate Year |
|---|---|---|
| 040 | State and State Equivalent | January 1, 2022 |
| 050 | County or equivalent (Alaska boroughs, Louisiana parishes, Puerto Rico municipios, independent cities) | January 1, 2022 |
| **County Subdivision** | | |
| 067 | Township, Minor Civil Division (MCD)/Barrio and Barrio-Pueblo | January 1, 2022 |
| **Place** | | |
| 160 | Incorporated Place | January 1, 2022 |

### Statistical Areas

For **statistical areas**, boundary changes are mostly associated with updates from each decennial census. Statistical areas are designed to have stable boundaries over time.

| Summary Level | Geographic Area | Vintage of Geographic Area for 2022 ACS Estimate Year |
|---|---|---|
| 050 | County Equivalent (Census Areas in Alaska) | January 1, 2022 |
| **County Subdivision** | | |
| 060 | Census County Division (CCD) | January 1, 2022 |
| **Place** | | |
| 160 | Census Designated Place (CDP)/Zona Urbana and Comunidad | January 1, 2022 |

United States Census Bureau

census.gov/programs-surveys/acs/geography-acs/geography-boundaries-by-year.html

# The American Community Survey

## Comparison Profile Suppression

- 2022 ACS 1-year Comparison Profiles not produced for
  - Congressional Districts
  - Public Use Microdata Areas (PUMAs)
  - Urban Areas
- 2022 ACS uses 2020 Census boundaries, not comparable to pre-2022 ACS using 2010 Census boundaries
- Comparison Profiles will resume for these geographic areas with 2023 ACS

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census.gov/programs-surveys/acs/technical-documentation/user-notes.html

# The American Community Survey

## Table-Based Summary File Format

- ACS Summary File includes all estimates and margins of error from the Detailed Tables for all geographies published in the ACS
- It's generally intended for advanced users who work with statistical software
- Prior sequence-based Summary File format is no longer available
- Table-based format is one file for each Detailed Table containing estimates, MOEs, for all geographies
- *Using the ACS Table-Based Summary File* handbook now available

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census.gov/programs-surveys/acs/data/summary-file.html

# The American Community Survey

## Population Controls and the ACS

- ACS data are controlled so that the number of housing units and people in certain categories are consistent with the Census Bureau's official estimates from the Population Estimates Program (PEP).
- The population controls for the 2022 ACS 1-year data products will not be fully informed by the 2020 Census.
- The 2022 ACS data products will use the Vintage 2022 "Blended Base" Population Estimates that incorporate the 2020 Census, Vintage 2020 Population Estimates, and the 2020 Demographic Analysis (DA).
  - In the Blended Base at the national level, population totals come from the decennial census, age and sex detail comes from DA, and race and Hispanic origin detail comes from the Vintage 2020 estimates.
- Vintage 2022 "Blended Base" uses group quarters (GQ) total population by facility type information from 2020 Census (previously used Vintage 2020 population estimates)
  - Should yield better population estimates for major GQ types

# The American Community Survey

## New Tables

| Table ID | Title |
|---|---|
| **Field of Degree** | |
| B15013 | Median Earnings in the Past 12 Months (in 2022 Inflation-Adjusted Dollars) by Sex by Field of Bachelor's Degree for First Major |
| B15014 | Median Earnings in the Past 12 Months (in 2022 Inflation-Adjusted Dollars) by Age by Field of Bachelor's Degree for First Major |
| **Housing Tenure** | |
| B25008A – B25008I | Total Population in Occupied Housing Units by Tenure* |
| B25008A – B25010I | Average Household Size of Occupied Housing Units by Tenure* |
| **Median Home Value** | |
| B25077A – B25077I | Median Value* |
| | *Iterated by nine race and Hispanic origin groups, i.e. A=White Alone Householder, etc. |

United States Census Bureau

census.gov/programs-surveys/acs/technical-documentation/table-and-geography-changes.html

# The American Community Survey

## New Tables

| Table ID | Title |
|---|---|
| **Occupancy Status** | |
| B25136 | Structure Type by Occupancy Status |
| B25137 | Bedrooms by Occupancy Status |
| **Rent** | |
| B25138 | Lower Gross Rent Quartile (Dollars) |
| B25139 | Upper Gross Rent Quartile (Dollars) |
| **Housing Costs** | |
| B25140 | Housing Costs as a Percentage of Household Income in the Past 12 Months |

United States Census Bureau

census.gov/programs-surveys/acs/technical-documentation/table-and-geography-changes.html

# The American Community Survey

## Modified Tables

| Table ID | Title |
|---|---|
| **Foreign-Born Population** | |
| B05006 | Place of Birth for the Foreign-Born Population in the United States |
| B05015 | Place of Birth by Year of Entry for the Foreign-Born Population |
| **Race** | |
| B02015 | Asian Alone by Selected Groups |
| B02018 | Asian Alone or in Any Combination by Selected Groups |
| C02003 | Detailed Race |
| CP05 | Comparative Demographic Estimates |
| DP05 | ACS Demographic and Housing Estimates |

# The American Community Survey

## Modified Tables

| Table ID | Title |
|---|---|
| **Year Householder Moved In** | |
| B25026 | Total Population in Occupied Housing Units by Tenure by Year Householder Moved Into Unit |
| S2502 | Demographic Characteristics for Occupied Housing Units |
| **Housing** | |
| CP04 (Home Value) | Comparative Housing Characteristics |

# The American Community Survey

## Comparison Guidance

| Do | Do Not |
|---|---|
| Use ACS for population characteristics (i.e., percents, means, medians, rates) | Use ACS for population totals (instead use decennial census or the Population Estimates Program) |
| Compare similar period lengths (i.e., 1-year to 1-year and 5-year to 5-year) | Compare estimates from different period lengths (i.e., 1-year to 5-year) |
| Conduct statistical testing when making comparisons between estimates | Look at estimates alone to decide if they are higher or lower than one another |
| Compare across geographies and population subgroups using 2022 ACS | Expect ACS estimates to match decennial census counts or estimates from other surveys |

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census.gov/programs-surveys/acs/guidance/comparing-acs-data.html

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# The American Community Survey

## ACS Website

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Partners | Researchers | Educators | Survey Respondents | News | NAICS Codes | Jobs | About Us | Contact Us | Help

**Topics** | **Data & Maps** | **Surveys & Programs** | **Resource Library**

Search data, events, resources, and more

// Census.gov / Our Surveys & Programs / American Community Survey (ACS)

**Within Our Surveys & Programs**

- About the ACS
- Respond to the ACS
- News & Updates
- Data
- Microdata
- Guidance for Data Users
- Geography & ACS
- Technical Documentation

# 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.

## Featured

### Respond to the ACS

Learn the different ways to respond to the American Community Survey -- online, by phone, by email. Read our FAQs or call us for more help with the survey.

United States Census Bureau

census.gov/acs

# The American Community Survey

## 2022 Data Release Information

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- Research & Methodology
- Information For...
- Library
- Contact Us

2022 | 2021 | 2020 | 2019 | 2018 | More

# 2022

## Details About the 2022 Release

### 2022 Data Release Schedule

Review the planned dates and components of the 2022 ACS release.

### 2022 Data Release New and Notable

Learn more about items of interest related to the 2022 ACS release.

### 2022 Table & Geography Changes

Learn more about changes to tables and geography for each ACS data release.

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census.gov/programs-surveys/acs/news/data-releases.html

# The American Community Survey
## Technical Documentation

**Within Our Surveys & Programs**

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Topics | Data & Maps | Surveys & Programs | Resource Library | Search data, events, resources, and more

// Census.gov / Our Surveys & Programs / American Community Survey (ACS) / Technical Documentation

**Within American Community Survey (ACS)**

- Code Lists, Definitions, and Accuracy
- Data Suppression
- Errata Notes
- Table & Geography Changes
- Table Shells and Table List
- User Notes

Join the ACS Data Users Group

# Technical Documentation

Share: Facebook, Twitter, LinkedIn

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.

**Related Information**

- American Community Survey Data
- Share Your ACS Data Story
- Contact Us

United States Census Bureau

census.gov/programs-surveys/acs/technical-documentation.html

# The American Community Survey

## Table Shells and Table List

**Within Technical Documentation**

- **Code Lists, Definitions, and Accuracy**
- Data Suppression
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- Table & Geography Changes
- Table Shells and Table List
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# 2022

## Table Shells on FTP

Download individual table shells through the file transfer protocol (FTP) site for:

- Detailed Tables
- Subject Tables
- Supplemental Tables
- Data Profiles
- Comparison Profiles

**2022 ACS Table Shells**

## Table Shells for All Detailed Tables

Download table shells for all Detailed Tables in one text file.

**2022 ACS Detailed Table Shells [1.3 MB]**

## Table List

Download information about ACS tables, including table IDs, titles, universes, as well as 1-year/5-year availability, in one spreadsheet.

**2022 ACS Table List**

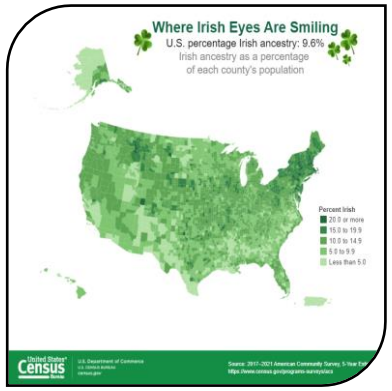
United States Census Bureau

census.gov/programs-surveys/acs/technical-documentation/table-shells.html

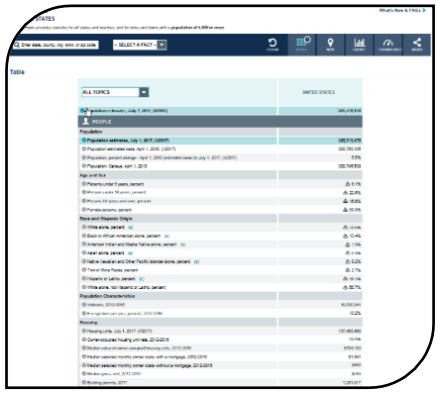
# The American Community Survey

## Selected Ways to Access Data

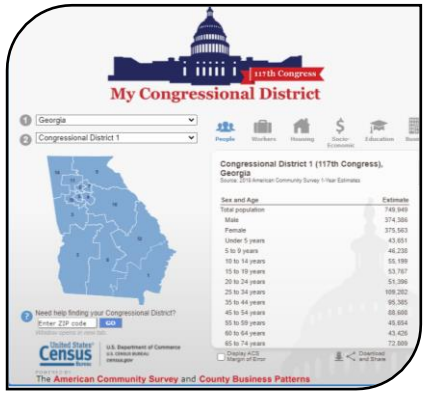
data.census.gov




Application Programming Interface



QuickFacts




My Congressional District

United States Census Bureau

census.gov/data/data-tools.html

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# The American Community Survey
## Questions

**Please use the "Raise Hand" feature to ask questions**

Wait a few seconds before you begin to speak for your mic to be unmuted

Questions will be taken by order of when hands were raised

- Recording of today's webinar will be available in **Press Kit** and posted on Census Academy at: **census.gov/data/academy/webinars.html**
- Press kit available at: census.gov/newsroom/press-kits/2023/acs-1year-estimates.html

*After Questions Stay for a Demo:*
Accessing Data in data.census.gov

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# The American Community Survey

## Stay Connected

**Share Your ACS Data Story**

**Join the ACS Data Users Group**

**Sign Up for Email Updates**

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# Data Dissemination and Training

✓ **Bring our data experts to you.**
Request a free data training for your organization.

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These short "how-to" videos are an easy and quick way to increase your knowledge of Census data. Get them in your inbox!

✓ **Get access to our Courses.**
You will learn-at-your-own-pace with these video-tutorials designed for different skill levels.

✓ **Interact with our instructors via Webinars.**
Learn about our data releases and tools while attending these live virtual classes.

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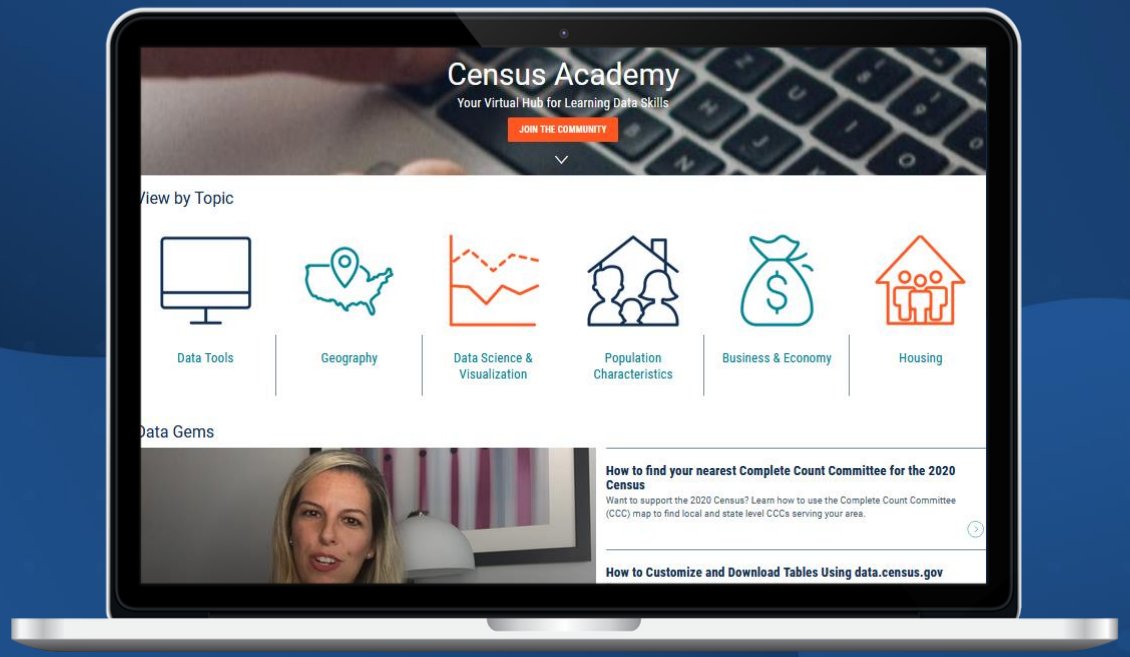
# Census.gov/Academy




**Contact us:**
Census.askdata@census.gov
1-844-ASK-DATA

*Share your ideas and feedback at census.academy@census.gov*

# The American Community Survey
## Embargo

**Tuesday, September 12th**

- 2022 ACS 1-year embargo begins at 10:00 am EDT

**Embargo Area Press Kit**

- Access the embargoed data
- Presentation slides and archived webinar
- News release
- Links to resources on census.gov/acs

United States Census Bureau

census.gov/newsroom/press-kits/2023/acs-1-year-estimates.html

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# data.census.gov Updates

- Expanded Filter Panel
- Redesign of Table Header
- Redesign of Variable Selection (Mapping)

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# Redesign of Table Header

An official website of the United States government Here's how you know

United States Census Bureau

B27001 all states

Advanced Search

All | Tables | Maps | Pages

Microdata | Help | FAQ | Feedback

Filters 2

Results 1

**B27001** | HEALTH INSURANCE COVERAGE STATUS BY SEX BY AGE

American Community Survey | Universe: Civilian noninstitutionalized population | 2021: ...

Notes | Geos 1 | Topics | 123 Codes

| | Alabama | |
|---|---|---|
| Label | Estimate | Margi |
| Total: | 4,957,633 | |
| Male: | 2,384,150 | |
| Under 6 years: | 182,436 | |
| With health insurance coverage | 176,390 | |
| No health insurance coverage | 6,046 | |
| 6 to 18 years: | 420,627 | |
| With health insurance coverage | 402,000 | |
| No health insurance coverage | 18,627 | |
| 19 to 25 years: | 222,877 | |
| With health insurance coverage | 175,189 | |

An official website of the United States government Here's how you know

United States Census Bureau

B27001 all states

All | Tables | Maps | Pages

Filters 2

Results 1

2021: ACS 1-Year Estimates Detailed Tables

- **2021: ACS 1-Year Estimates Detailed Tables**
- 2021: ACS 5-Year Estimates Detailed Tables
- 2020: ACS 5-Year Estimates Detailed Tables
- 2019: ACS 1-Year Estimates Detailed Tables
- 2019: ACS 5-Year Estimates Detailed Tables
- 2018: ACS 1-Year Estimates Detailed Tables
- 2018: ACS 5-Year Estimates Detailed Tables
- 2017: ACS 1-Year Estimates Detailed Tables
- 2017: ACS 5-Year Estimates Detailed Tables
- 2016: ACS 1-Year Estimates Detailed Tables
- 2016: ACS 5-Year Estimates Detailed Tables
- 2015: ACS 1-Year Estimates Detailed Tables

B27001 | HEALTH INSURANCE COVERAGE STATUS BY SEX BY AGE

Notes | Geos 1 | Topics

With health insurance coverage 175,189

# data.census.gov Updates

- Expanded Filter Panel
- Redesign of Table Header
- Redesign of Variable Selection (Mapping)

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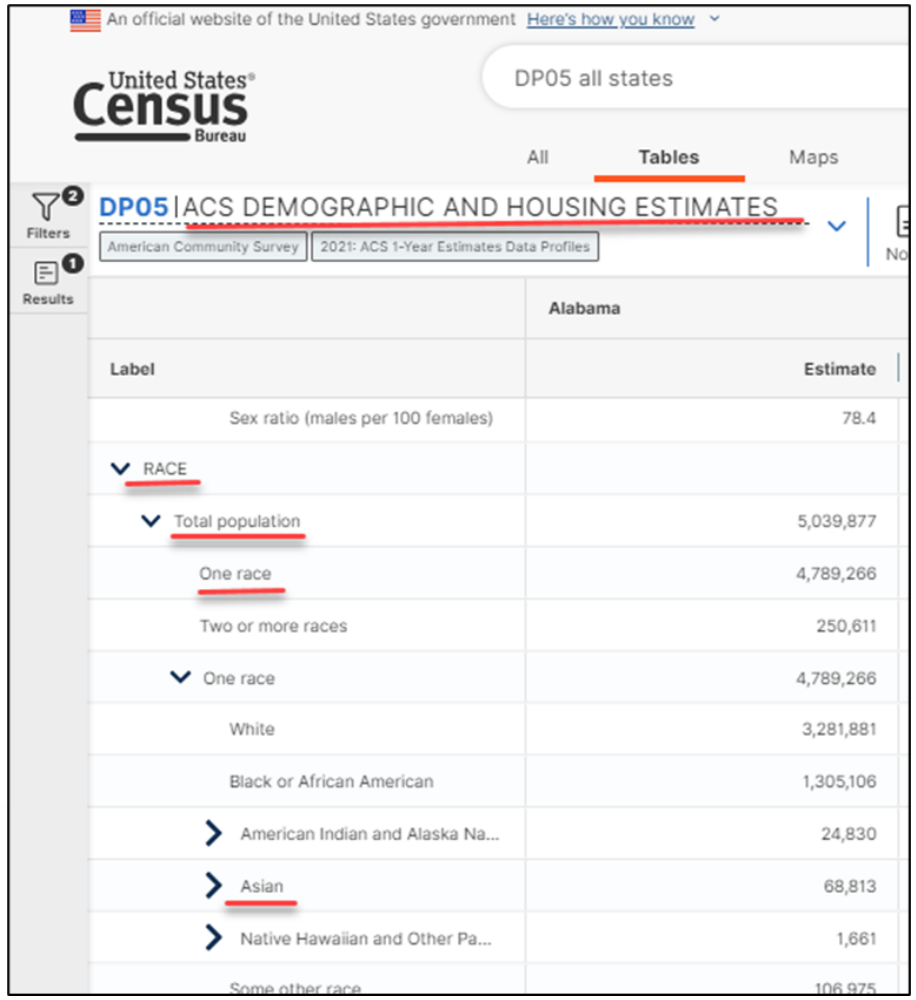
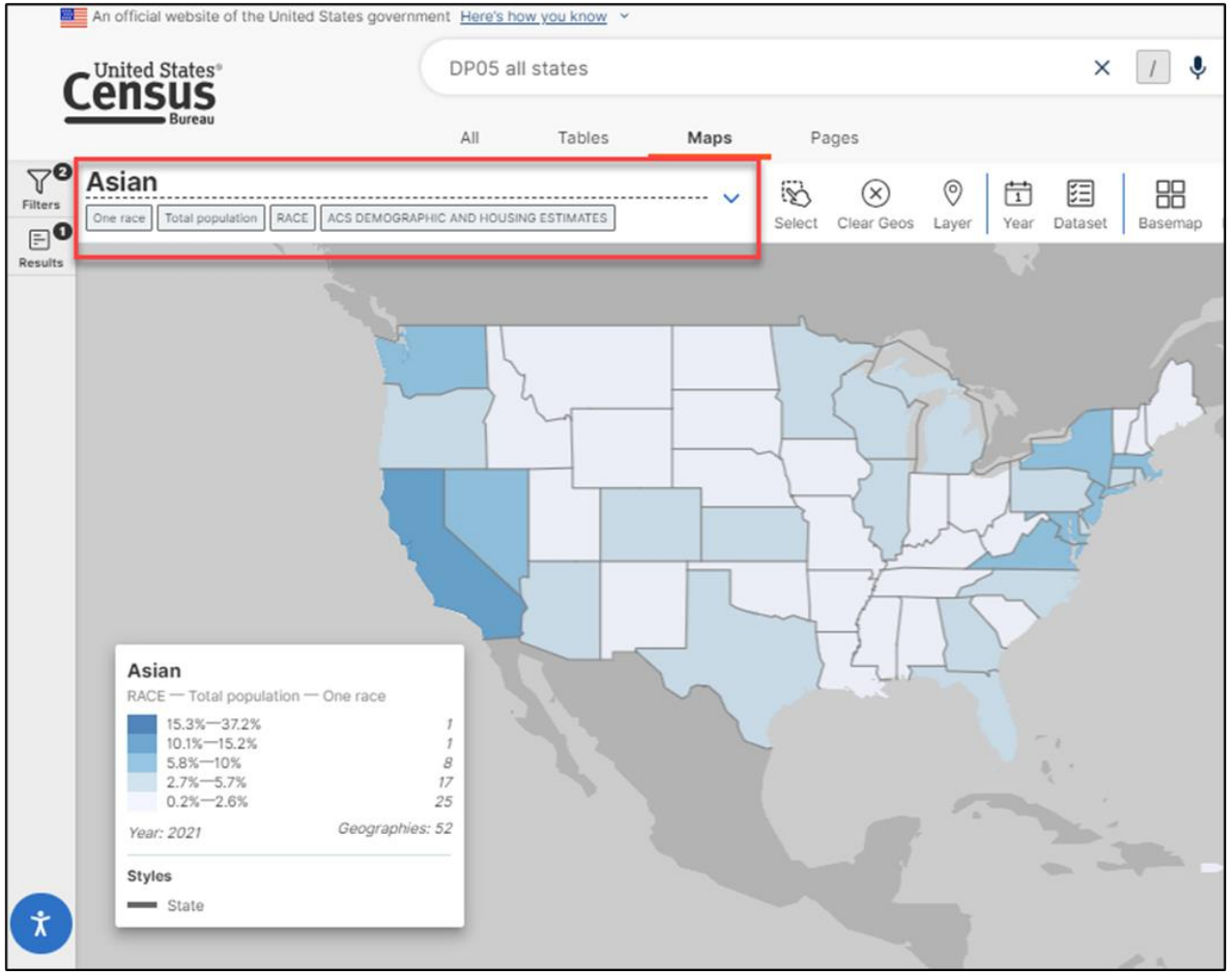
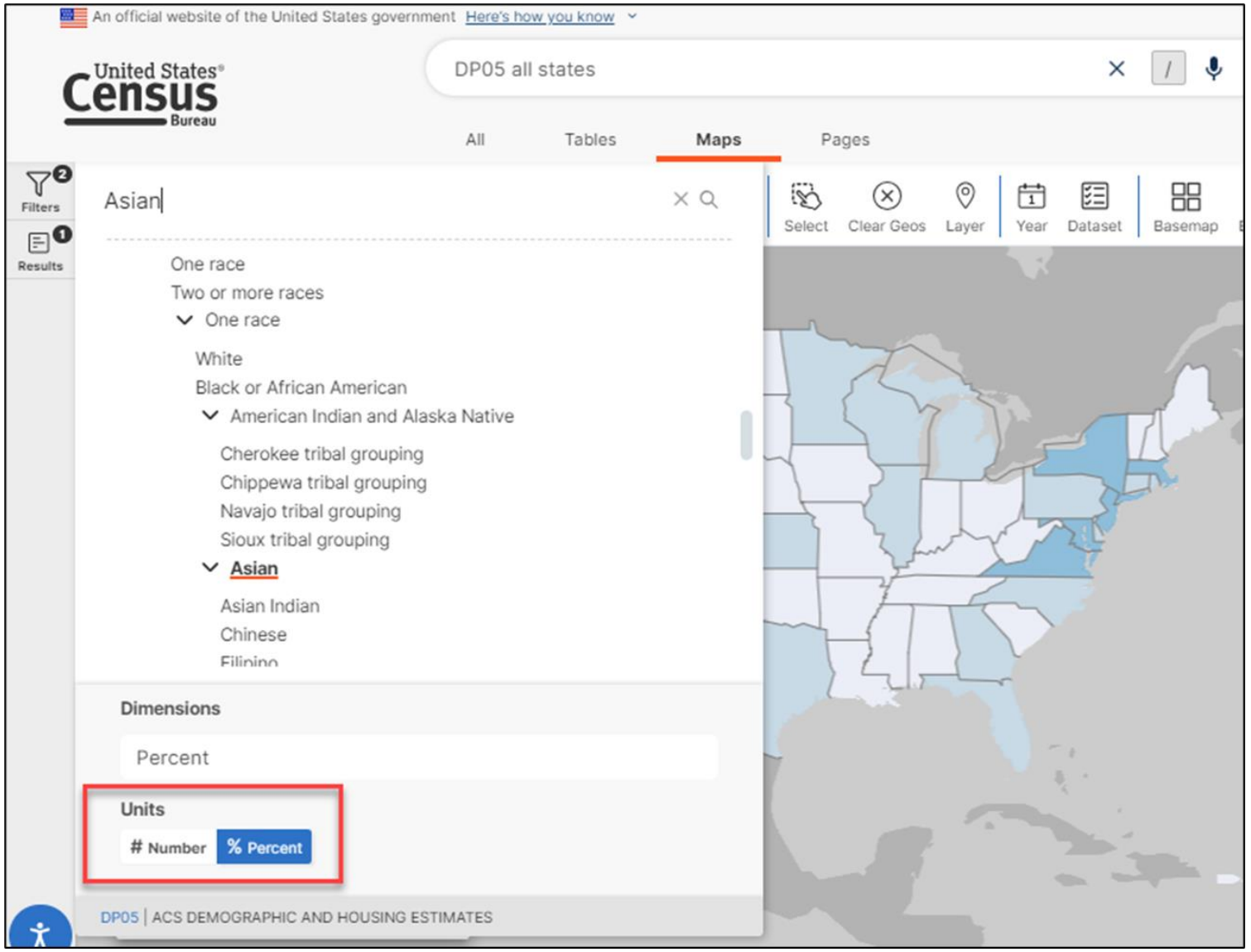
# Redesign of Variable Selection (Mapping)

**Name of table now appears in the heading, along with labels relevant to the variable shown in the map**



# Redesign of Variable Selection (Mapping)




**Instead of scrolling through a long list, you can quickly switch between Number and Percent estimates**

United States Census Bureau

# data.census.gov

## Demo

- 1. Searching by Keyword and Table ID
- Example: "Health Insurance Montgomery County, AL 2021" (Detailed Table)
- Example: “S1903 Cook County, IL 2021” (Subject Table)

- 2. Selecting Multiple Geographies and Table Type
- Example: ACS 1-Year Data Profiles for all states in U.S. in 2021 (Data Profile)

- 3. Selecting A Detailed Population Group
- Example: Marital status of the Vietnamese alone population in U.S. (Selected Population Profile)

United States® Census Bureau

# data.census.gov

## Using data.census.gov

- **Single Search**
- Free form search box

- **Advanced Search**
- Select search criteria in a step-by-step filtering experience where you select desired checkboxes

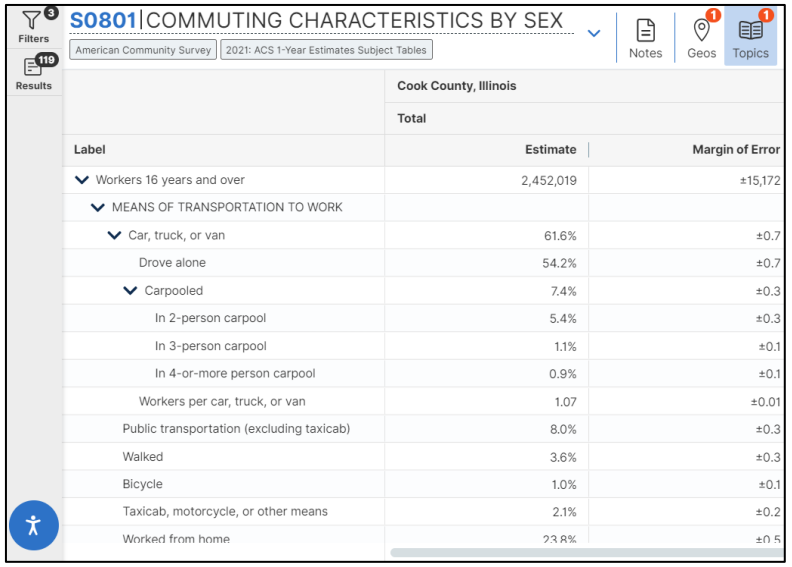
Tips:

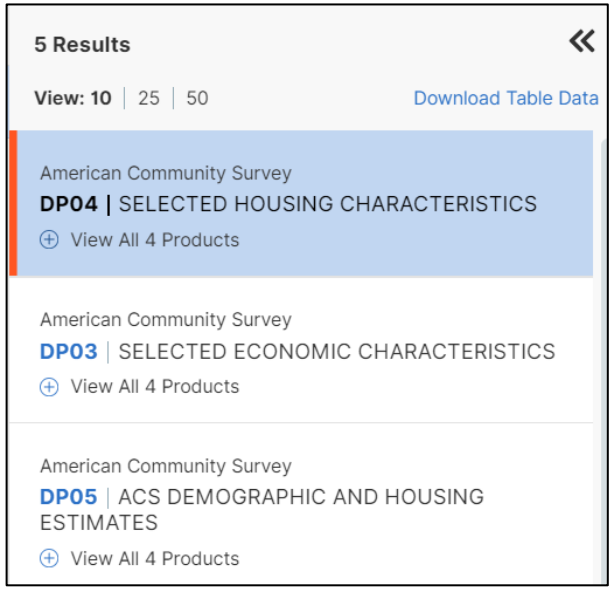
- You can find many results with either search option
- The only way to access some of the more complex topics or geographies is by using the Advanced Search.
- If you are not quickly finding the answer to your data question with the single search, give the Advanced Search a try.

United States Census Bureau

# data.census.gov

## Single Search: Keywords and Codes






- Type keywords or codes to specify your:
- Geography
- Topic(s)
- Year
- Table ID
- Table prefix

United States Census Bureau

# data.census.gov

## Demo

- 1. Searching by Keyword and Table ID
- Example: "Health Insurance Montgomery County, AL 2021" (Detailed Table)
- Example: “S1903 Cook County, IL 2021” (Subject Table)

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- Example: Marital status of the Japanese alone population in U.S. (Selected Population Profile)

United States® Census Bureau

# data.census.gov

## Health Insurance in Montgomery County, AL

1. Type keywords (topic, geography, and year): "**Health Insurnace Mongomery County, AL 2021**" and press **enter**

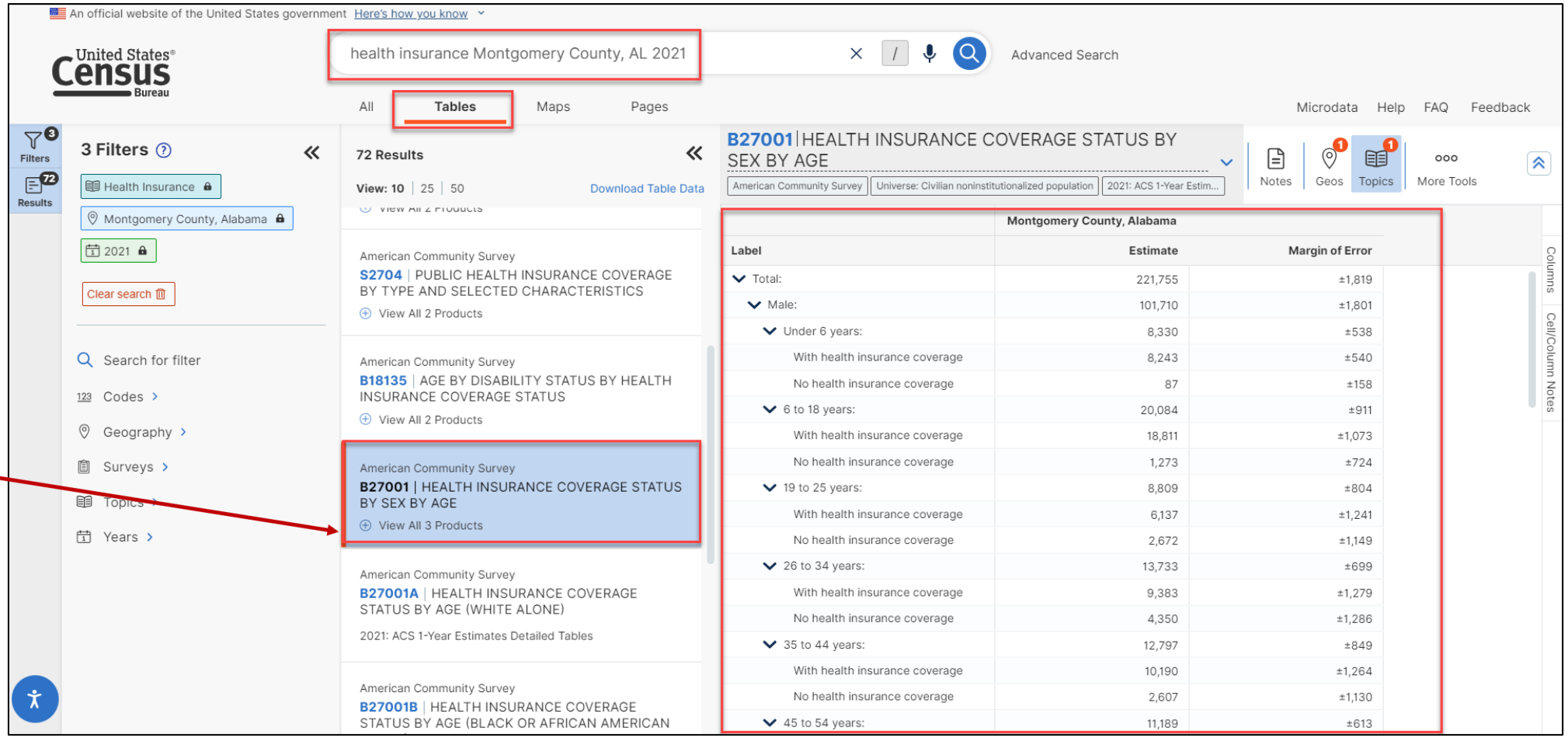
2. Click **Tables**

3. Scroll and click to view table B27001

4. Narrow table results using the filters

or

Scroll down and click on a new page of results to browse the full set of 72 tables

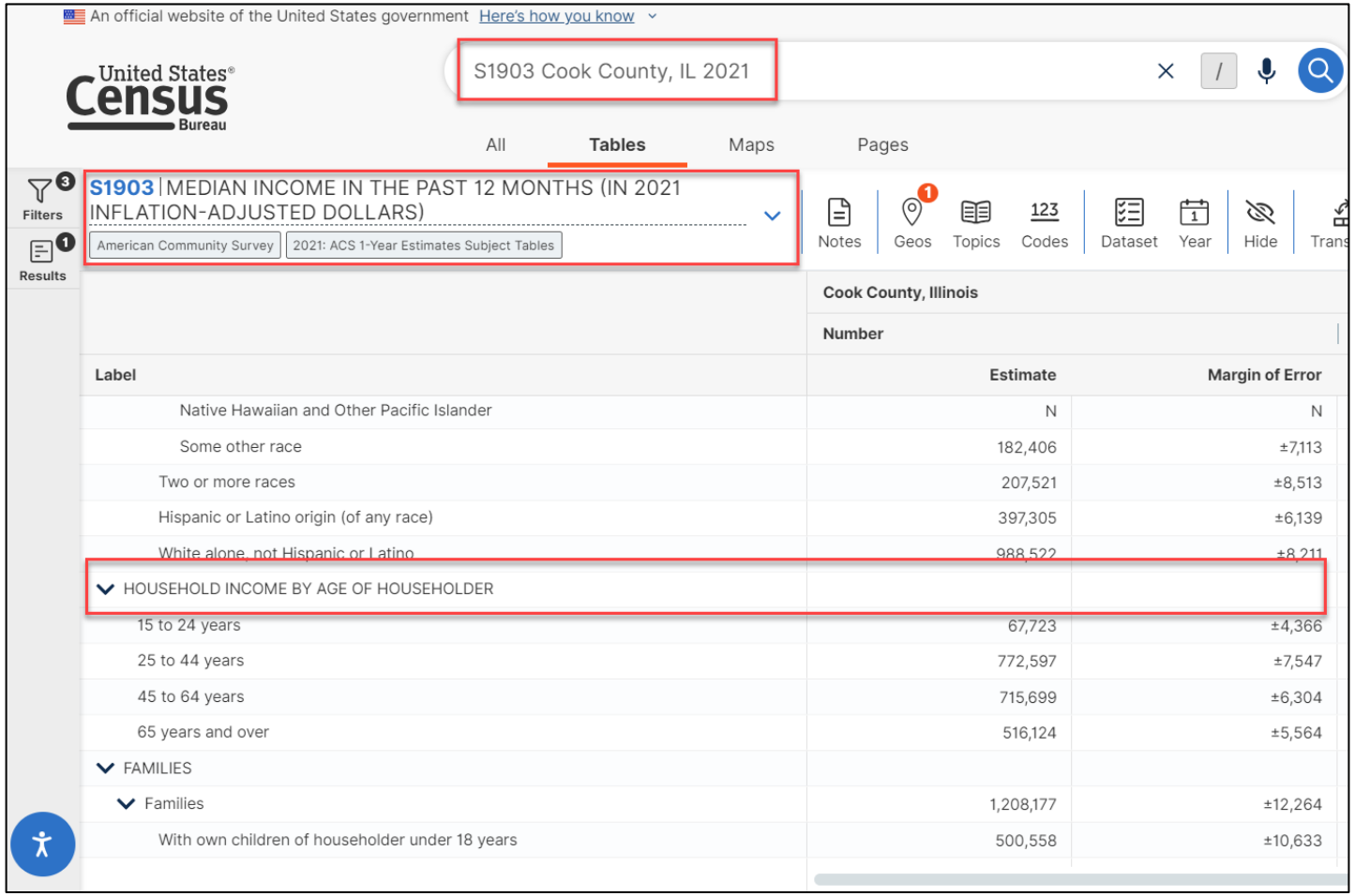



| Label | Montgomery County, Alabama Estimate | Margin of Error |
|---|---|---|
| Total: | 221,755 | ±1,819 |
| Male: | 101,710 | ±1,801 |
| Under 6 years: | 8,330 | ±538 |
| With health insurance coverage | 8,243 | ±540 |
| No health insurance coverage | 87 | ±158 |
| 6 to 18 years: | 20,084 | ±911 |
| With health insurance coverage | 18,811 | ±1,073 |
| No health insurance coverage | 1,273 | ±724 |
| 19 to 25 years: | 8,809 | ±804 |
| With health insurance coverage | 6,137 | ±1,241 |
| No health insurance coverage | 2,672 | ±1,149 |
| 26 to 34 years: | 13,733 | ±699 |
| With health insurance coverage | 9,383 | ±1,279 |
| No health insurance coverage | 4,350 | ±1,286 |
| 35 to 44 years: | 12,797 | ±849 |
| With health insurance coverage | 10,190 | ±1,264 |
| No health insurance coverage | 2,607 | ±1,130 |
| 45 to 54 years: | 11,189 | ±613 |

United States Census Bureau

# data.census.gov

## Subject Table S1903 in Cook County, IL




1. Type keywords and codes (table ID, geography, and year): "S1903 Cook County, IL 2021" and press **enter**

2. View Result

United States Census Bureau

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## Demo

- 1. Searching by Keyword and Table ID
- Example: "Health Insurance Montgomery County, AL 2021" (Detailed Table)
- Example: “S1903 Cook County, IL 2021” (Subject Table)

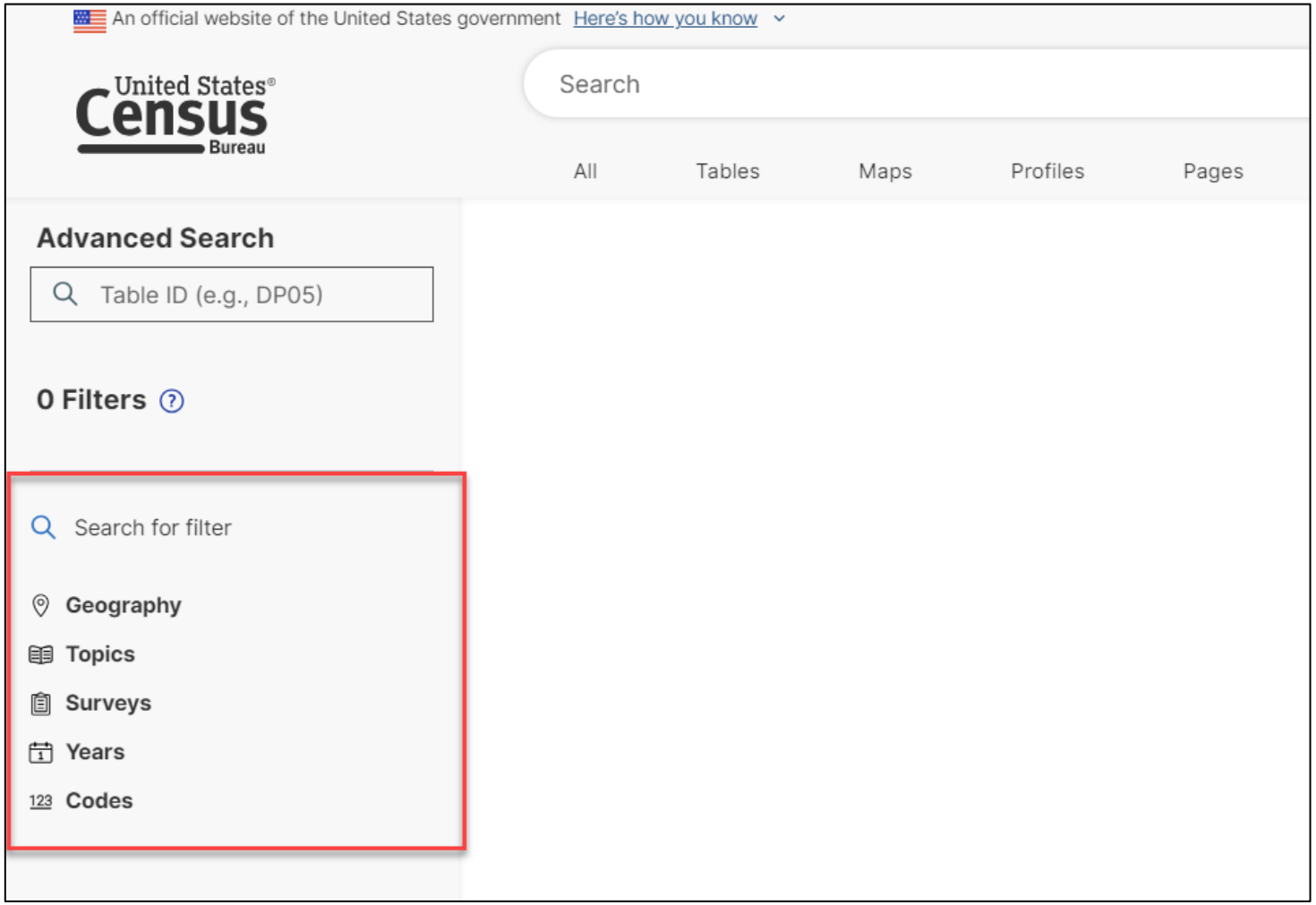
- 2. Selecting Multiple Geographies and Table Type
- Example: ACS 1-Year Data Profiles for all states in U.S. in 2021 (Data Profile)

- 3. Selecting A Detailed Population Group
- Example: Marital status of the Vietnamese alone population in U.S. (Selected Population Profile)

United States® Census Bureau

# data.census.gov

## Advanced Search: More Complex Searches




Use Advanced Search to specify:

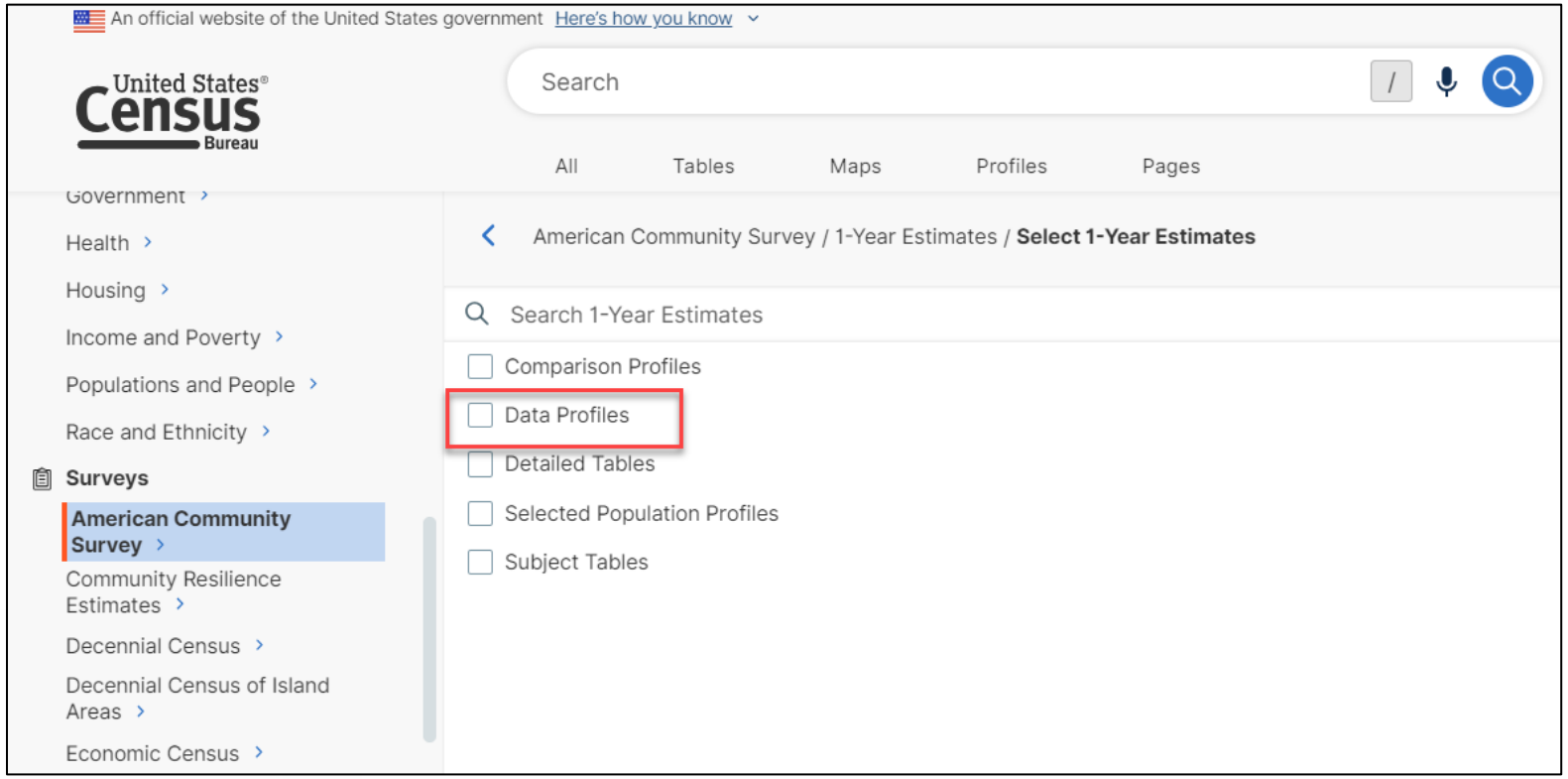
- Geographies with:
  - Complex names (ex: tracts)
  - Collections (ex: all places in RI)
  - Components (ex: urban/rural)
- Multiple Topics
- Survey/Program/Table Type
- Population Groups
  - Race, Tribal, Hispanic Origin, Ancestry, and Foreign Born groups

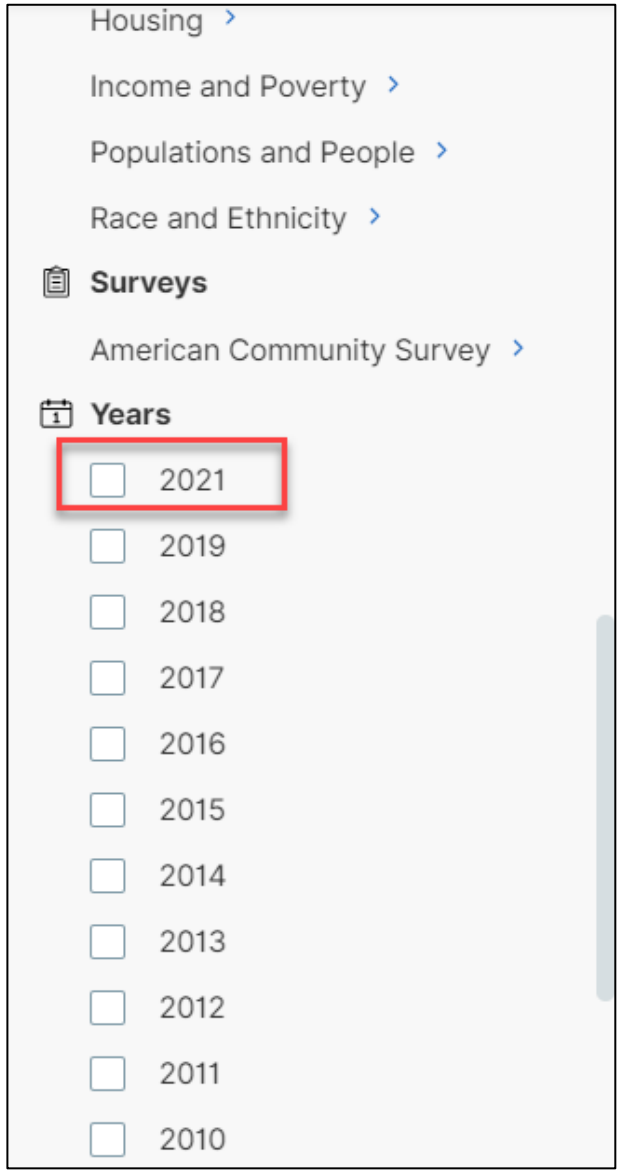
United States Census Bureau

# data.census.gov

## Selecting Year, ACS 1-Year Estimates, and Product Type

1. Click Survey
2. Select **Product Type (example: American Community Survey → 1-Year Estimates → Data Profiles)**
3. Click Years
4. Select **2021**



# data.census.gov

## Selecting Geography

An official website of the United States government Here's how you know

United States Census Bureau

Search / Advanced Search

All Tables Maps Profiles Pages Microdata Help FAQ Feedback

Table ID (e.g., DP05)

3 Filters

ACS 1-Year Estimates Data Profi... ×

2021 ×

All States within United States, ... ×

Clear all filters

Search for filter

Geography

Nation

State

County

State / Select State

Hide Geographic Components | Show Geographic Components

Within other geographies

Search State

All States within United States, Puerto Rico, and the Island Areas

Alabama

Alaska

Arizona

Arkansas

California

Colorado

Connecticut

Delaware

District of Columbia

SEARCH

1. Select Geography:

Geography → State → **All States within United States, Puerto Rico, and the Island Areas**

2. Verify filters and click **search**

United States Census Bureau

# data.census.gov

## Search and View Results

An official website of the United States government Here's how you know

United States Census Bureau

Search / Advanced Search

All | Tables | Maps | Profiles | Pages | Microdata | Help | FAQ | Feedback

Filters 3 | Results 5

5 Results

View: 10 | 25 | 50 Download Table Data

American Community Survey
DP02 | SELECTED SOCIAL CHARACTERISTICS IN THE UNITED STATES
2021: ACS 1-Year Estimates Data Profiles

American Community Survey
DP02PR | SELECTED SOCIAL CHARACTERISTICS IN PUERTO RICO
2021: ACS 1-Year Estimates Data Profiles

American Community Survey
DP03 | SELECTED ECONOMIC CHARACTERISTICS
2021: ACS 1-Year Estimates Data Profiles

American Community Survey

DP03 | SELECTED ECONOMIC CHARACTERISTICS

American Community Survey | 2021: ACS 1-Year Estimates Data Profiles

Notes | Geos 1 | Topics | Codes | Year | More Tools

Alabama

| Label | Estimate | Margin of Error |
|---|---|---|
| EMPLOYMENT STATUS | | |
| Population 16 years and over | 4,046,627 | ±4,927 |
| In labor force | 2,335,486 | ±15,207 |
| Civilian labor force | 2,314,723 | ±14,775 |
| Employed | 2,190,915 | ±16,821 |
| Unemployed | 123,808 | ±8,209 |
| Armed Forces | 20,763 | ±3,134 |
| Not in labor force | 1,711,141 | ±15,260 |
| Civilian labor force | 2,314,723 | ±14,775 |
| Unemployment Rate | (X) | (X) |
| Females 16 years and over | 2,108,579 | ±4,737 |
| In labor force | 1,118,539 | ±13,325 |

Columns | Cell/Column Notes

https://data.at.census.gov/webpages?g=010XX00US$0400000&y=2021&d=...

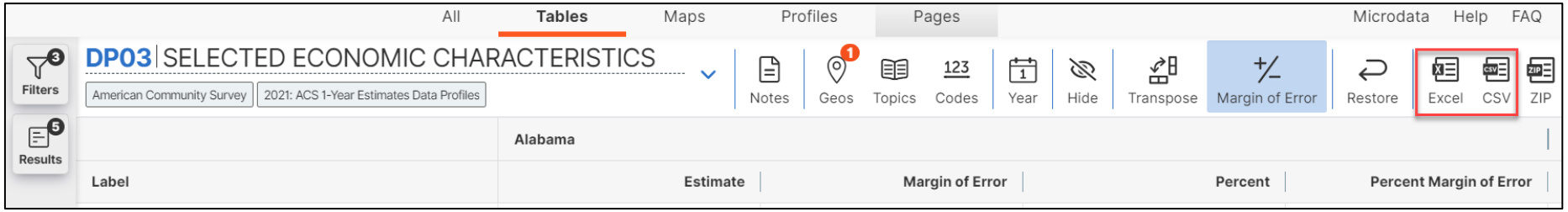
1. Click through table titles to explore the data

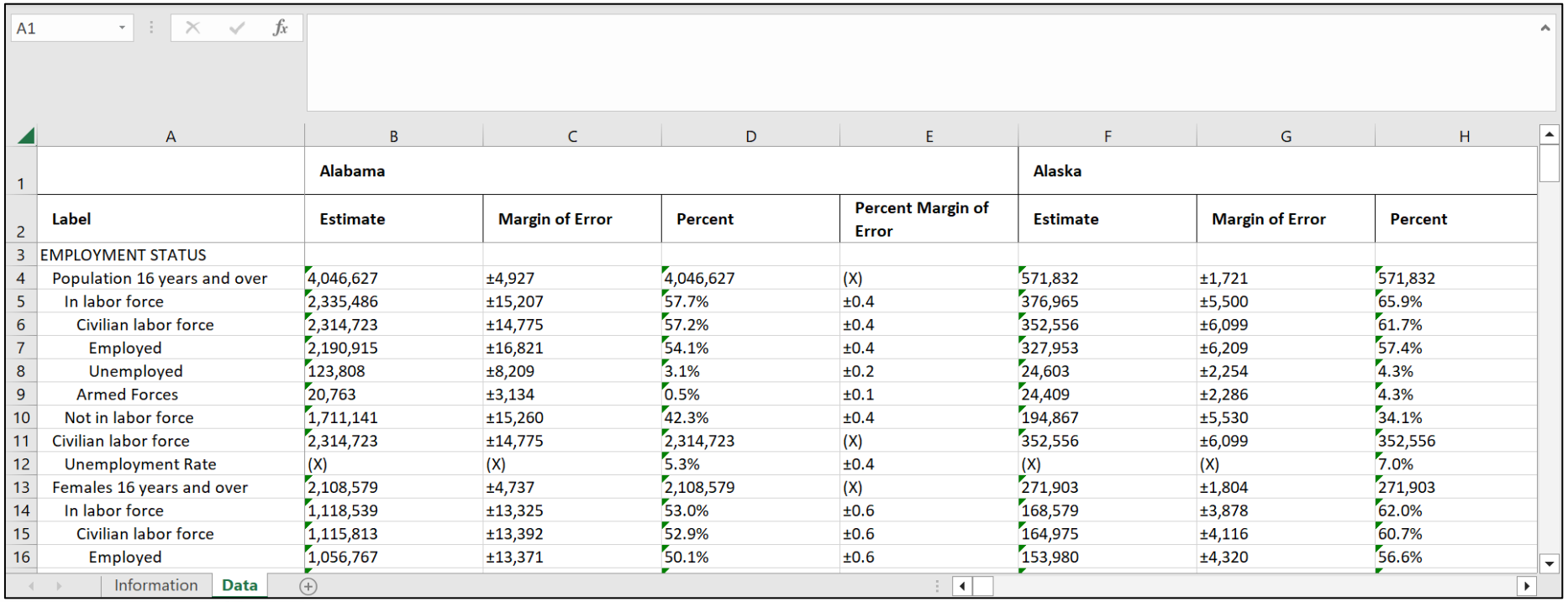
2. View your results

United States Census Bureau

# data.census.gov

## Export Data in a Presentation Friendly Format



| | A | B | C | D | E | F | G | H |
|---|---|---|---|---|---|---|---|---|
| 1 | | Alabama | | | | Alaska | | |
| 2 | Label | Estimate | Margin of Error | Percent | Percent Margin of Error | Estimate | Margin of Error | Percent |
| 3 | EMPLOYMENT STATUS | | | | | | | |
| 4 | Population 16 years and over | 4,046,627 | ±4,927 | 4,046,627 | (X) | 571,832 | ±1,721 | 571,832 |
| 5 | In labor force | 2,335,486 | ±15,207 | 57.7% | ±0.4 | 376,965 | ±5,500 | 65.9% |
| 6 | Civilian labor force | 2,314,723 | ±14,775 | 57.2% | ±0.4 | 352,556 | ±6,099 | 61.7% |
| 7 | Employed | 2,190,915 | ±16,821 | 54.1% | ±0.4 | 327,953 | ±6,209 | 57.4% |
| 8 | Unemployed | 123,808 | ±8,209 | 3.1% | ±0.2 | 24,603 | ±2,254 | 4.3% |
| 9 | Armed Forces | 20,763 | ±3,134 | 0.5% | ±0.1 | 24,409 | ±2,286 | 4.3% |
| 10 | Not in labor force | 1,711,141 | ±15,260 | 42.3% | ±0.4 | 194,867 | ±5,530 | 34.1% |
| 11 | Civilian labor force | 2,314,723 | ±14,775 | 2,314,723 | (X) | 352,556 | ±6,099 | 352,556 |
| 12 | Unemployment Rate | (X) | (X) | 5.3% | ±0.4 | (X) | (X) | 7.0% |
| 13 | Females 16 years and over | 2,108,579 | ±4,737 | 2,108,579 | (X) | 271,903 | ±1,804 | 271,903 |
| 14 | In labor force | 1,118,539 | ±13,325 | 53.0% | ±0.6 | 168,579 | ±3,878 | 62.0% |
| 15 | Civilian labor force | 1,115,813 | ±13,392 | 52.9% | ±0.6 | 164,975 | ±4,116 | 60.7% |
| 16 | Employed | 1,056,767 | ±13,371 | 50.1% | ±0.6 | 153,980 | ±4,320 | 56.6% |

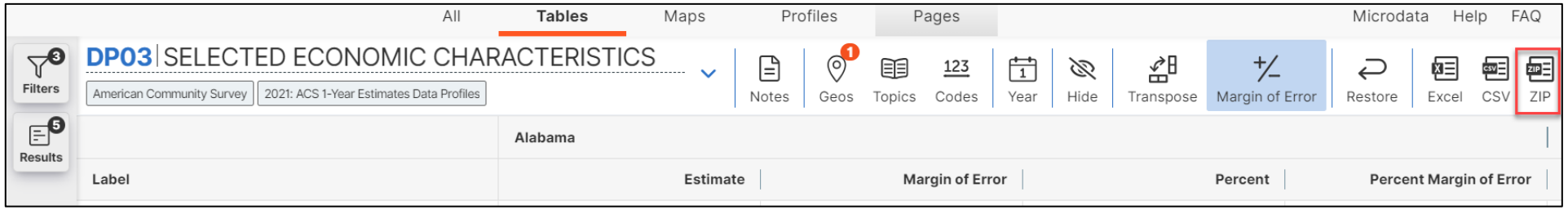
**Use Excel or CSV buttons to export the table**

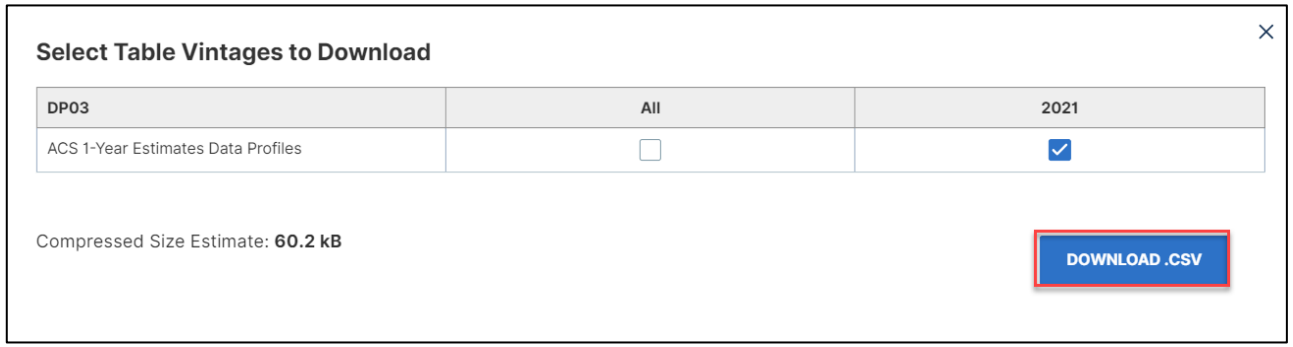
1. Excel button will export the table as an Excel workbook
    1. First worksheet, labeled ‘Information,’ provides information about the table
    2. Second worksheet, labeled ‘Data,’ provides the actual table of data

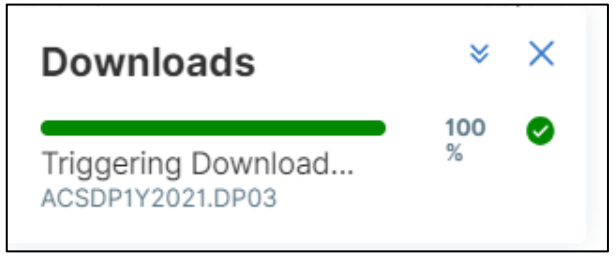
2. CSV button will export the table in a .csv format

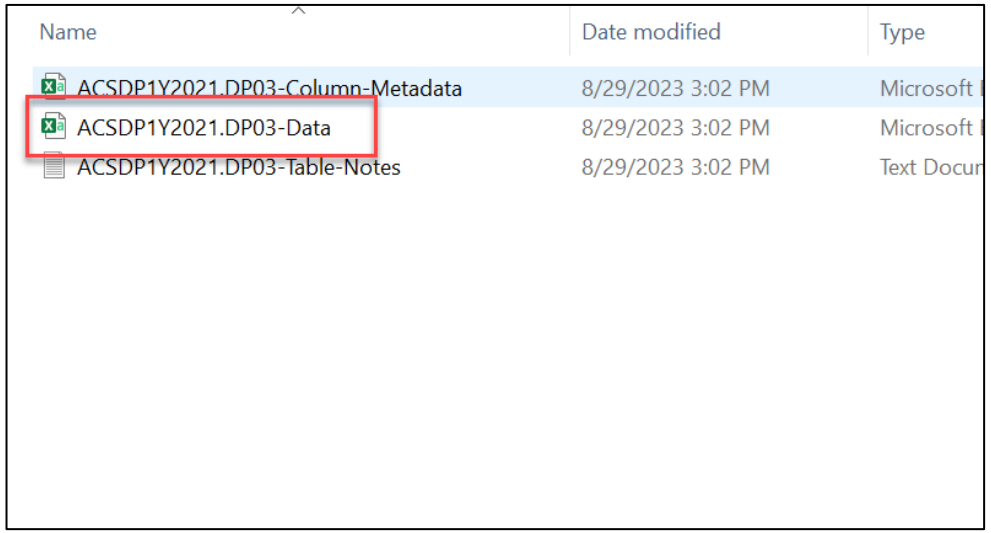
# data.census.gov

## Download Data in a Machine-Readable Format




1. Click the ZIP button at the top of the table

2. Verify the product and year

3. Click Download .CSV

4. Once the status reaches 100%, you should receive the prompt to open the .zip file

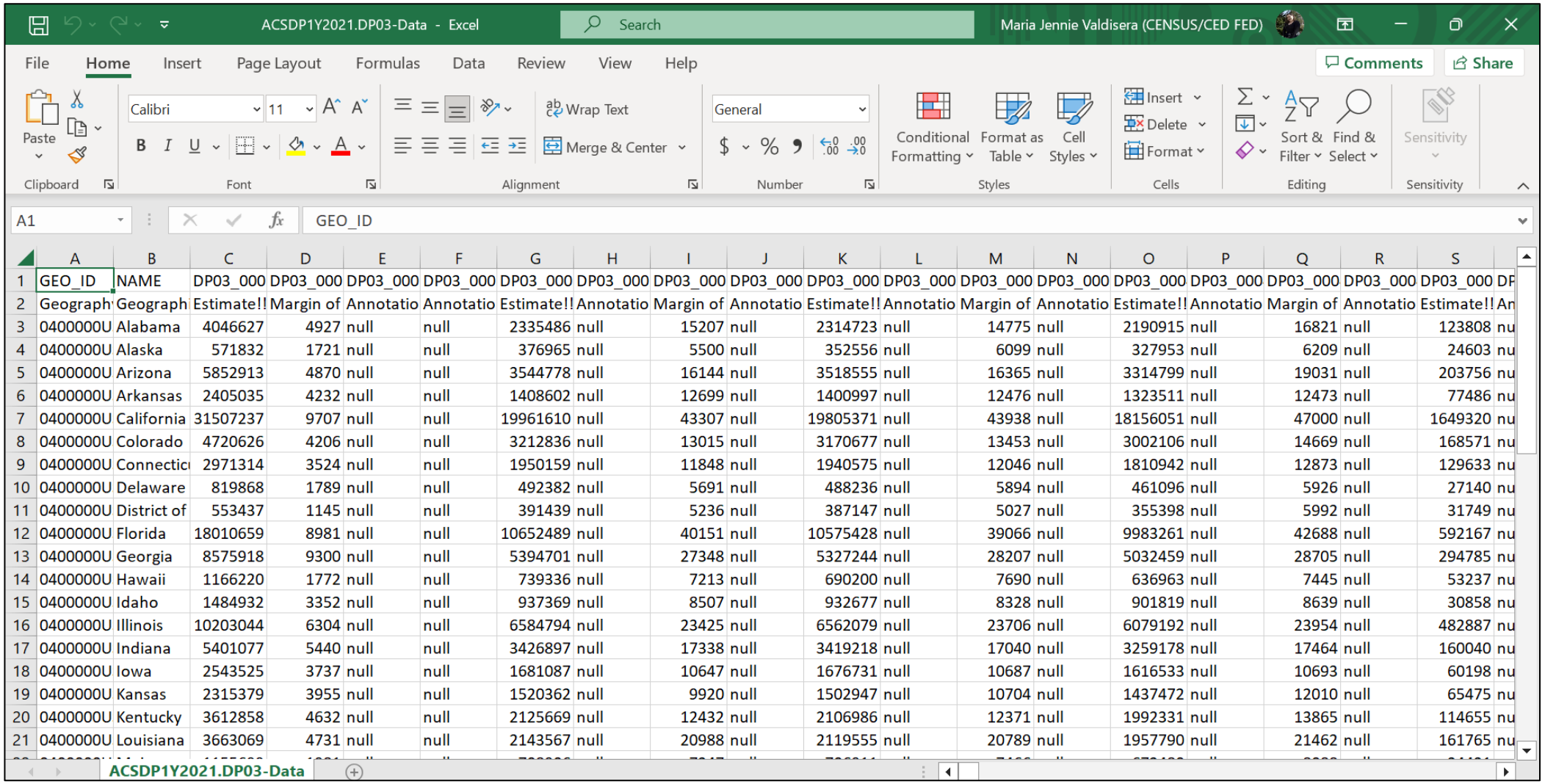
5. Open the .zip file and double click the file that has "data" in the naming convention

United States Census Bureau

# data.census.gov

## Download Output

**Output is a flat .csv file, where each geography has its own row**




| | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | GEO_ID | NAME | DP03_000 | DP03_000 | DP03_000 | DP03_000 | DP03_000 | DP03_000 | DP03_000 | DP03_000 | DP03_000 | DP03_000 | DP03_000 | DP03_000 | DP03_000 | DP03_000 | DP03_000 | DP03_000 | DP03_000 |
| 2 | Geograph | Geograph | Estimate!! | Margin of | Annotatio | Annotatio | Estimate!! | Annotatio | Margin of | Annotatio | Estimate!! | Annotatio | Margin of | Annotatio | Estimate!! | Annotatio | Margin of | Annotatio | Estimate!! |
| 3 | 0400000U | Alabama | 4046627 | 4927 | null | null | 2335486 | null | 15207 | null | 2314723 | null | 14775 | null | 2190915 | null | 16821 | null | 123808 |
| 4 | 0400000U | Alaska | 571832 | 1721 | null | null | 376965 | null | 5500 | null | 352556 | null | 6099 | null | 327953 | null | 6209 | null | 24603 |
| 5 | 0400000U | Arizona | 5852913 | 4870 | null | null | 3544778 | null | 16144 | null | 3518555 | null | 16365 | null | 3314799 | null | 19031 | null | 203756 |
| 6 | 0400000U | Arkansas | 2405035 | 4232 | null | null | 1408602 | null | 12699 | null | 1400997 | null | 12476 | null | 1323511 | null | 12473 | null | 77486 |
| 7 | 0400000U | California | 31507237 | 9707 | null | null | 19961610 | null | 43307 | null | 19805371 | null | 43938 | null | 18156051 | null | 47000 | null | 1649320 |
| 8 | 0400000U | Colorado | 4720626 | 4206 | null | null | 3212836 | null | 13015 | null | 3170677 | null | 13453 | null | 3002106 | null | 14669 | null | 168571 |
| 9 | 0400000U | Connectic | 2971314 | 3524 | null | null | 1950159 | null | 11848 | null | 1940575 | null | 12046 | null | 1810942 | null | 12873 | null | 129633 |
| 10 | 0400000U | Delaware | 819868 | 1789 | null | null | 492382 | null | 5691 | null | 488236 | null | 5894 | null | 461096 | null | 5926 | null | 27140 |
| 11 | 0400000U | District of | 553437 | 1145 | null | null | 391439 | null | 5236 | null | 387147 | null | 5027 | null | 355398 | null | 5992 | null | 31749 |
| 12 | 0400000U | Florida | 18010659 | 8981 | null | null | 10652489 | null | 40151 | null | 10575428 | null | 39066 | null | 9983261 | null | 42688 | null | 592167 |
| 13 | 0400000U | Georgia | 8575918 | 9300 | null | null | 5394701 | null | 27348 | null | 5327244 | null | 28207 | null | 5032459 | null | 28705 | null | 294785 |
| 14 | 0400000U | Hawaii | 1166220 | 1772 | null | null | 739336 | null | 7213 | null | 690200 | null | 7690 | null | 636963 | null | 7445 | null | 53237 |
| 15 | 0400000U | Idaho | 1484932 | 3352 | null | null | 937369 | null | 8507 | null | 932677 | null | 8328 | null | 901819 | null | 8639 | null | 30858 |
| 16 | 0400000U | Illinois | 10203044 | 6304 | null | null | 6584794 | null | 23425 | null | 6562079 | null | 23706 | null | 6079192 | null | 23954 | null | 482887 |
| 17 | 0400000U | Indiana | 5401077 | 5440 | null | null | 3426897 | null | 17338 | null | 3419218 | null | 17040 | null | 3259178 | null | 17464 | null | 160040 |
| 18 | 0400000U | Iowa | 2543525 | 3737 | null | null | 1681087 | null | 10647 | null | 1676731 | null | 10687 | null | 1616533 | null | 10693 | null | 60198 |
| 19 | 0400000U | Kansas | 2315379 | 3955 | null | null | 1520362 | null | 9920 | null | 1502947 | null | 10704 | null | 1437472 | null | 12010 | null | 65475 |
| 20 | 0400000U | Kentucky | 3612858 | 4632 | null | null | 2125669 | null | 12432 | null | 2106986 | null | 12371 | null | 1992331 | null | 13865 | null | 114655 |
| 21 | 0400000U | Louisiana | 3663069 | 4731 | null | null | 2143567 | null | 20988 | null | 2119555 | null | 20789 | null | 1957790 | null | 21462 | null | 161765 |

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## Demo

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- Example: "Health Insurance Montgomery County, AL 2021" (Detailed Table)
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- 3. Selecting A Detailed Population Group
- Example: Marital status of the Vietnamese alone population in U.S. (Selected Population Profile)

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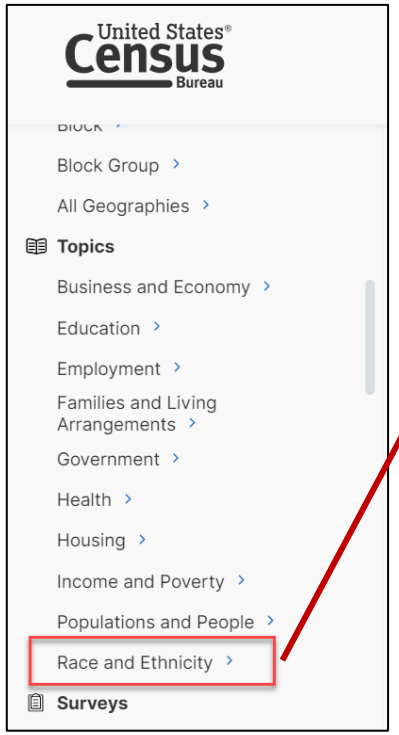
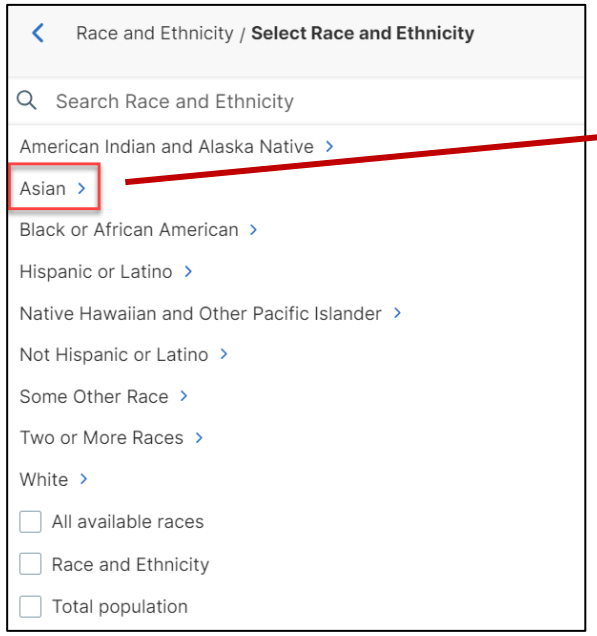
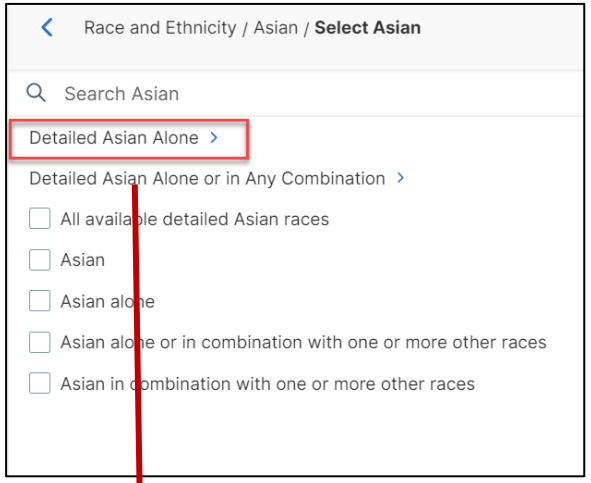
## Selecting Detailed Population Group

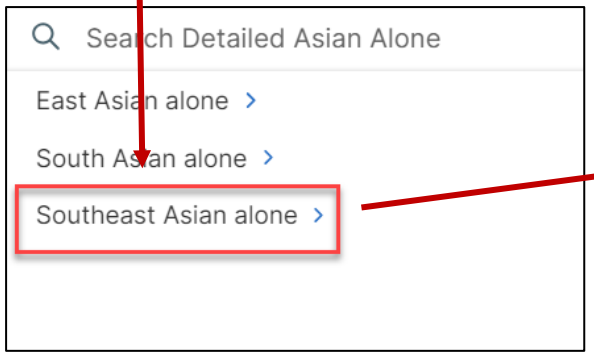
Select Detailed Population Group(s) using Advanced Search **Topics**:

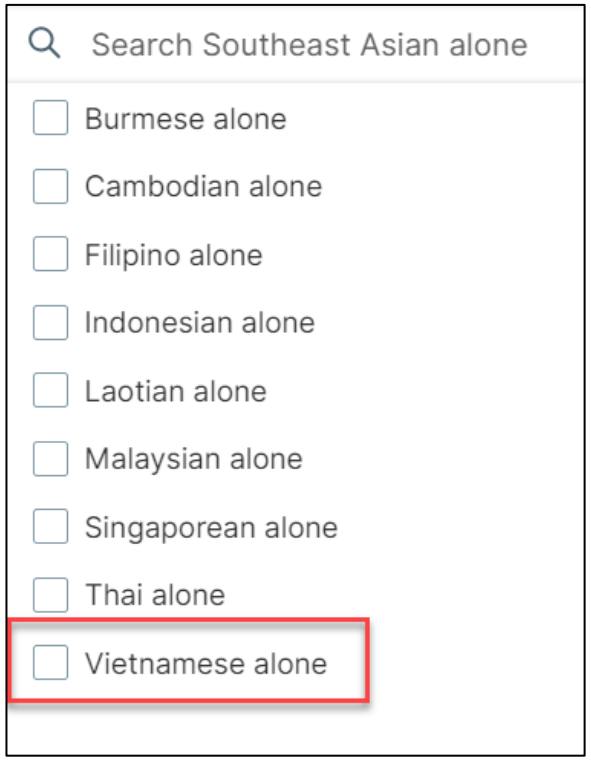
- **Populations and People:** Use to select ancestry & country of birth groups
- **Race and Ethnicity:** Use to select race, tribal, and Hispanic Origin groups




Example: Topics → Race and Ethnicity → Asian → Detailed Asian alone → Southeast Asian Alone → **Vietnamese alone**

# data.census.gov

## Selected Population Profile

**S0201** | SELECTED POPULATION PROFILE IN THE UNITED STATES

American Community Survey | 2021: ACS 1-Year Estimates Selected Population Profiles

Notes | Geos | Topics (1) | Codes | More Tools

| | United States | |
|---|---|---|
| | Vietnamese alone | |
| **Label** | **Estimate** | **Margin of Error** |
| Average household size | 3.19 | ±0.05 |
| Average family size | 3.58 | ±0.05 |
| MARITAL STATUS | | |
| Population 15 years and over | 1,634,724 | ±34,765 |
| Now married, except separated | 52.4% | ±0.9 |
| Widowed | 4.1% | ±0.3 |
| Divorced | 7.4% | ±0.4 |
| Separated | 1.2% | ±0.2 |
| Never married | 34.7% | ±0.8 |
| Male 15 years and over | 772,451 | ±20,380 |
| Now married, except separated | 53.2% | ±1.1 |

United States Census Bureau

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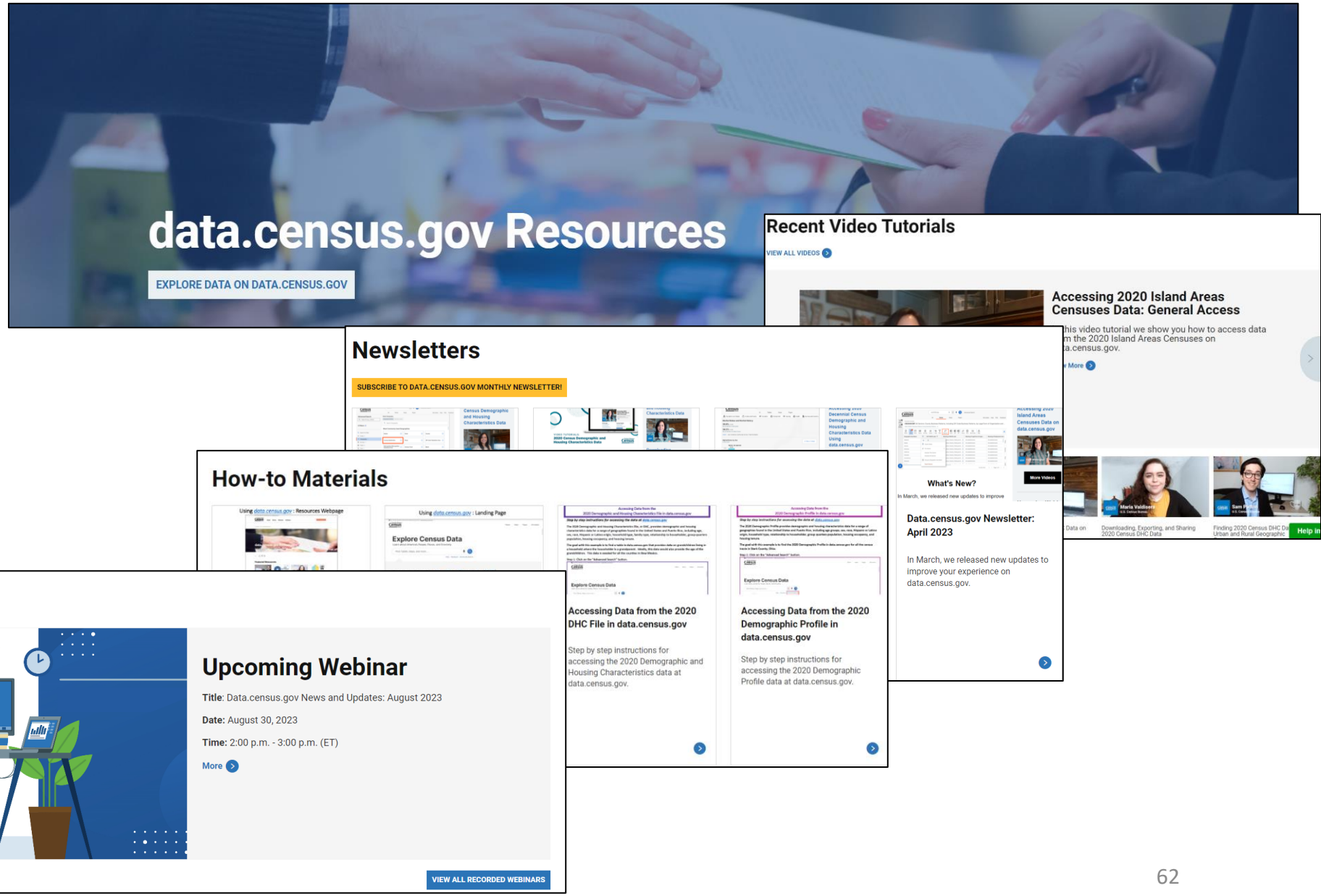
## Stay Connected

**data.census.gov Resources page:** [census.gov/data/what-is-data-census-gov.html](census.gov/data/what-is-data-census-gov.html)
**Feedback:** Email comments and questions to [census.data@census.gov](mailto:census.data@census.gov)




United States Census Bureau

# The American Community Survey
## Outline

- Upcoming Releases
- ACS Basics
- Updates for 2022 ACS 1-Year Release
- Resources for Learning More
- Q&A
- Data.census.gov Updates and Accessing Data
- **Final Q&A**

United States Census Bureau

# The American Community Survey
## Questions

**Please use the "Raise Hand" feature to ask questions**

Wait a few seconds before you begin to speak for your mic to be unmuted

Questions will be taken by order of when hands were raised

- Recording of today's webinar will be available in **Press Kit** and posted on Census Academy at: **census.gov/data/academy/webinars.html**
- Press kit available at: census.gov/newsroom/press-kits/2023/acs-1year-estimates.html

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# The American Community Survey
## Embargo

**Tuesday, September 12th**

- 2022 ACS 1-year embargo begins at 10:00 am EDT

**Embargo Area Press Kit**

- Access the embargoed data
- Presentation slides and archived webinar
- News release
- Links to resources on census.gov/acs

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census.gov/newsroom/press-kits/2023/acs-1year-estimates.html

# The American Community Survey

## For Further Information

**Scan to Sign up for Email Alerts ->**

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

**Website**
census.gov/acs

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

**Source Us**
U.S. Census Bureau, 2022 American Community Survey, 1-year estimates

**Press Kit**
census.gov/newsroom/press-kits/2023/acs-1year-estimates.html

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# Please complete our brief evaluation – Tell us what we did well and what we can improve!

*Link to evaluation will appear after you exit the webinar*

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# American Community Survey
## 2022 ACS 1-Year Estimates

Pre-Release Webinar
September 7, 2023

United States Census Bureau