

# 2023 American Community Survey 1-Year Estimates

## Pre-Release Webinar

September 5, 2024

**Webinar Slides**

[census.gov/newsroom/press-kits/2024/acs-1-year-estimates.html](https://www.census.gov/newsroom/press-kits/2024/acs-1-year-estimates.html)



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/2024/acs-1-year-estimates.html](https://www.census.gov/newsroom/press-kits/2024/acs-1-year-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 or click the three dots on the right and select "captions"
- ✓ Use the Q&A feature in the lower right corner of WebEx to submit a question to our subject matter experts during the webinar

# The American Community Survey

## Speakers

Host

**Jewel Jordan**

Public Affairs Specialist

Public Information Office

Presenter

**Caleb Hopler**

Supervisory Survey Statistician

American Community Survey Office

# The American Community Survey Outline

- **2023 ACS 1-Year Release**
- ACS Basics
- Updates for 2023 ACS 1-Year Release
- Resources for Learning More
- Upcoming ACS Data Releases
- Q&A

# The American Community Survey

## 2023 ACS 1-Year Release Schedule

### **MEDIA EMBARGO: Tuesday, September 10, 2024**

- Embargo at 10:00 a.m. EDT, includes 2023 ACS 1-year estimates:
  - 1-year data products
  - Press Kit: [census.gov/newsroom/press-kits/2024/acs-1-year-estimates.html](https://www.census.gov/newsroom/press-kits/2024/acs-1-year-estimates.html) with news release and America Counts stories

### **PUBLIC RELEASE: Thursday, September 12, 2024**

- Embargo lifted at 12:01 a.m. EDT, includes 2023 ACS 1-year estimates:
  - 1-year News Release and press kit
  - Media can release their stories
- Data and related products will be available to the public Thursday, Sept. 12, by 10:00 a.m. EDT.

# The American Community Survey

## ACS vs. CPS

- 2023 income, poverty, and health insurance estimates from the Current Population Survey Annual Social and Economic Supplement (CPS ASEC) will be released September 10
- 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
  - Estimates below national level -> ACS

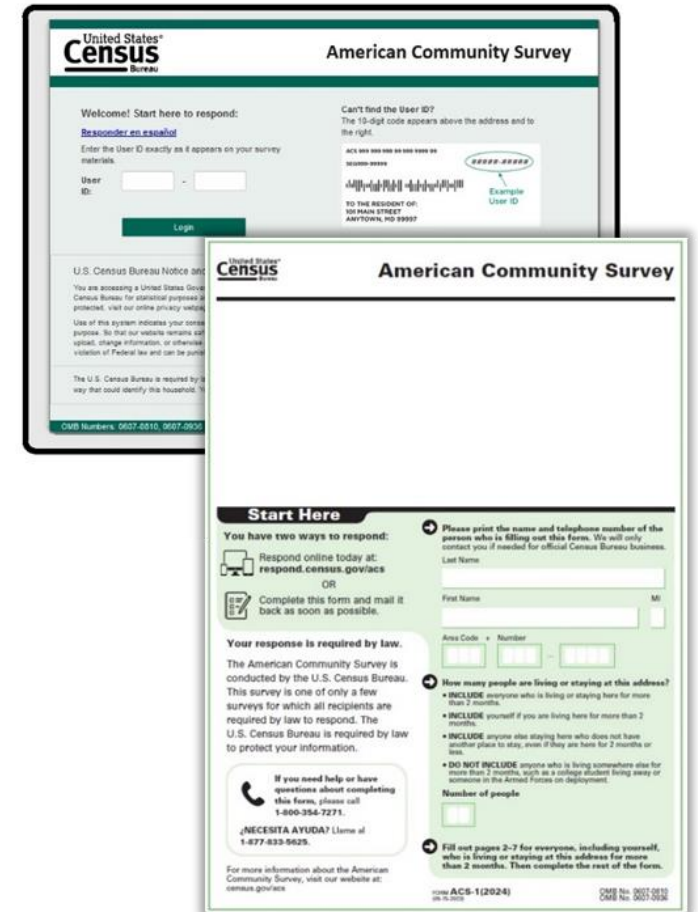
# The American Community Survey Outline

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# The American Community Survey

## The Foundation

- The American Community Survey (ACS) is the premier source of detailed information about the nation's people and housing.
- Surveys 3.5 million addresses to produce annual social, economic, housing, and demographic estimates for communities throughout the U.S. and Puerto Rico
- Covers 40+ topics — Collects detailed information previously collected by the decennial census each decade
- Helps inform how trillions of dollars in federal funds are distributed each year, supports over 300 evidence-based federal government uses
- Data released the year after collection as 1-year and 5-year estimates
- Officially started in 2005 (1-year estimates = 2005; 5-year 2005-2009)





# The American Community Survey

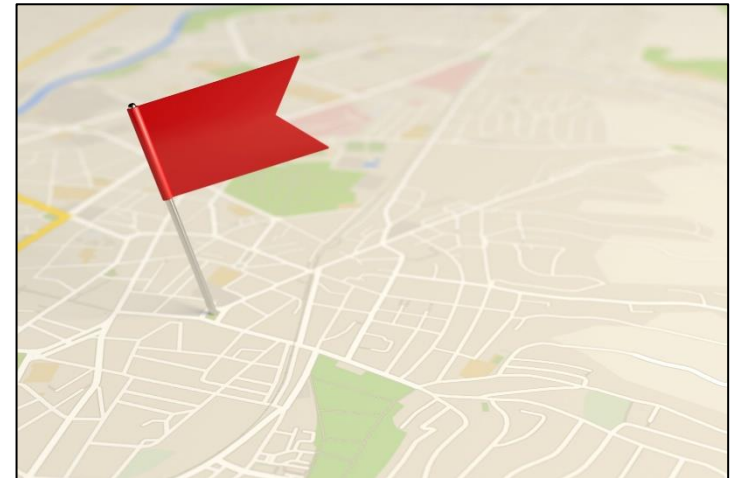
## Content Overview

POPULATION		HOUSING
<b>SOCIAL</b> Ancestry Citizenship Citizen Voting Age Population Disability Educational Attainment Fertility Grandparents Language Marital Status Migration School Enrollment Veterans	<b>DEMOGRAPHIC</b> 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
	<b>ECONOMIC</b> Class of Worker Commuting Employment Status Food Stamps (SNAP) Health Insurance Income Industry & Occupation Weeks Worked	

# 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 (118<sup>th</sup> Congress)
  - Other geographic areas with a population of 65,000 or more



# The American Community Survey

## Introduction to the American Community Survey

### Introduction to the American Community Survey (ACS)

August 28, 2024

Charles Gamble  
American Community Survey Office

Slides are available at [census.gov/data/academy/webinars/2024/intro-to-the-ac.html](https://census.gov/data/academy/webinars/2024/intro-to-the-ac.html)

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# The American Community Survey

## ACS Geography Changes

- Boundary changes can occur due to annexation, disincorporation, geocoding updates, or by other means
- Changes for 2023 ACS Release
  - Post-2020-based Core Based Statistical Areas (CBSAs)
  - Discontinuation of New England City and Town Area (NECTA) geographies in ACS products

# 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 2023 ACS Estimate Year
040	State and State Equivalent	January 1, 2023
050	County or equivalent (Alaska boroughs, Louisiana parishes, Puerto Rico municipios, independent cities)	January 1, 2023
<b>County Subdivision</b>		
067	Township, Minor Civil Division (MCD)/Barrio and Barrio-Pueblo	January 1, 2023

### 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 2023 ACS Estimate Year
050	County Equivalent (Census Areas in Alaska)	January 1, 2023
<b>County Subdivision</b>		
060	Census County Division (CCD)	January 1, 2023
<b>Place</b>		
160	Census Designated Place (CDP)/Zona Urbana and Comunidad	January 1, 2023

# 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 2023 ACS 1-year data products will not be fully informed by the 2020 Census.
- The 2023 ACS data products will use the Vintage 2023 “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, then, it is accurate to say that resident, household, and group quarters (GQ) population totals are derived from the 2020 Census; age and sex detail is drawn from 2020 DA; race detail comes from V2020; and Hispanic origin detail comes from the 2020 Census.

# The American Community Survey

## New Tables

Table ID	Title
<b>Race</b>	
B02020	American Indian and Alaska Native Alone by Selected Tribes and Villages
C02020	American Indian and Alaska Native Alone by Selected Tribes and Villages
B02021	American Indian and Alaska Native Alone or in Any Combination by Selected Tribes and Villages
<b>Housing Costs</b>	
B25140A – B25140I	Housing Costs as a Percentage of Household Income in the Past 12 Months*
<b>Homeowners Insurance Costs</b>	
B25141	Homeowners Insurance Costs by Mortgage Status (Yearly)

\*Iterated by nine race and Hispanic origin groups, i.e. A=White Alone Householder, etc.



# The American Community Survey

## Modified Tables

Table ID	Title
<b>Occupation</b>	
B24010	Sex by Occupation for the Civilian Employed Population 16 Years and Over
B24020	Sex by Occupation for the Full-Time, Year-Round Civilian Employed Population 16 Years and Over
<b>Industry</b>	
B24030	Sex by Industry for the Civilian Employed Population 16 Years and Over
B24040	Sex by Industry for the Full-Time, Year-Round Civilian Employed Population 16 Years and Over
B24050	Industry by Occupation for the Civilian Employed Population 16 Years and Over
B24070	Industry by Class of Worker for the Civilian Employed Population 16 Years and Over
B24134	Detailed Industry for the Civilian Employed Population 16 Years and Over

# The American Community Survey

## Modified Tables

Table ID	Title
<b>Race</b>	
CP05	Comparative Demographic Estimates
DP05	ACS Demographic and Housing Estimates
<b>Journey to Work</b>	
S0802	Means of Transportation to Work by Selected Characteristics
S0804	Means of Transportation to Work by Selected Characteristics for Workplace Geography

Note: Updates and improvements were also made to table notes for tables across all topics.

# The American Community Survey

## Deleted Tables

Table ID	Title
<b>Race</b>	
B02014	American Indian and Alaska Native Alone for Selected Tribal Groupings
C02014	American Indian and Alaska Native Alone for Selected Tribal Groupings
B02017	American Indian and Alaska Native Alone or in Any Combination by Selected Tribal Groupings

Note: These three tables were replaced by new tables B02020, C02020, and B02021.

# The American Community Survey

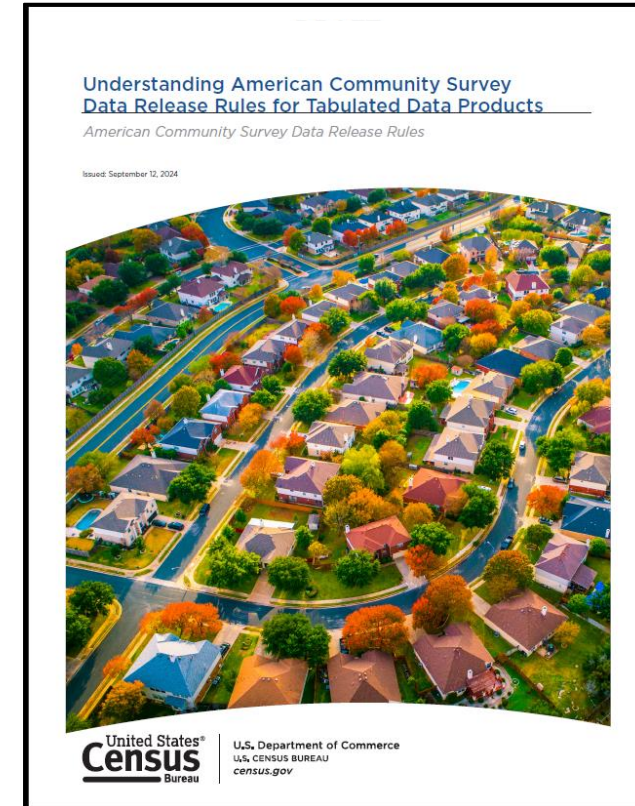
## Comparison Guidance

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 2023 ACS	Expect ACS estimates to match decennial census counts or estimates from other surveys

# The American Community Survey

## ACS Data Release Rules

- Updated version to release soon
- ACS Data Release Rules include:
  - Population Thresholds
  - Minimum Unweighted Case Requirements
  - Data Quality Filtering Rules
  - Geographic Restrictions to ACS Tables
  - Treatments for Data Anomalies



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# The American Community Survey

## ACS Website

The screenshot shows the homepage of the American Community Survey (ACS) website. At the top left is the United States Census Bureau logo. The navigation menu includes links for Partners, Researchers, Educators, Survey Respondents, News, NAICS Codes, Jobs, About Us, Contact Us, and Help. Below this is a secondary menu with Topics, Data & Maps, Surveys & Programs (which is underlined), and Resource Library. A search bar is located on the right side of the navigation menu. The main content area features a breadcrumb trail: // Census.gov / Our Surveys & Programs / American Community Survey (ACS). The primary heading is "American Community Survey (ACS)". Below the heading is a descriptive paragraph: "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." To the right of this text is a video player thumbnail with a red play button and the text "American Comm...". Below the main heading is a "Featured" section with the title "Respond to the ACS" and a sub-heading "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." On the left side of the page, there is a sidebar menu titled "Within Our Surveys & Programs" with links for About the ACS, Respond to the ACS, News & Updates, Data, Microdata, Guidance for Data Users, Geography & ACS, and Technical Documentation.

United States<sup>®</sup>  
**Census**  
Bureau

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)

## 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.

**Within Our Surveys & Programs**

- [About the ACS](#)
- [Respond to the ACS](#)
- [News & Updates](#)
- [Data](#)
- [Microdata](#)
- [Guidance for Data Users](#)
- [Geography & ACS](#)
- [Technical Documentation](#)

# The American Community Survey

## 2023 Data Release Information

- Within Our Surveys & Programs
  - About the ACS
  - Respond to the ACS
  - News & Updates**
  - Data
  - Microdata
  - Guidance for Data Users
  - Geography & ACS
  - Technical Documentation
  - Research & Methodology
  - Information For...
  - Library
  - Contact Us

2023 2022 2021 2020 2019 More ▾

# 2023

## Details About the 2023 Release

### 2023 Data Release Schedule

Review the planned dates and components of the 2023 ACS release. [➤](#)

### 2023 Data Release New and Notable

Learn more about items of interest related to the 2023 ACS release. [➤](#)



# The American Community Survey

## Technical Documentation

- Within Our Surveys & Programs
  - About the ACS
  - Respond to the ACS
  - News & Updates
  - Data
  - Microdata
  - Guidance for Data Users
  - Geography & ACS
  - Technical Documentation**
  - Research & Methodology
  - Information For...
  - Library
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The screenshot shows the 'Technical Documentation' page on the Census Bureau website. The page features a navigation bar with links for 'Partners', 'Researchers', 'Educators', 'Survey Respondents', 'News', 'NAICS Codes', 'Jobs', 'About Us', 'Contact Us', and 'Help'. Below the navigation bar are tabs for 'Topics', 'Data & Maps', 'Surveys & Programs' (which is selected), and 'Resource Library'. A search bar is located on the right side of the navigation bar. The main content area includes a breadcrumb trail: '// Census.gov / Our Surveys & Programs / American Community Survey (ACS) / Technical Documentation'. The page title is 'Technical Documentation'. There are social media sharing options for Facebook, Twitter, and LinkedIn. The page contains several sections: 'Within American Community Survey (ACS)' with sub-sections like 'Code Lists, Definitions, and Accuracy', 'Data Suppression', 'Errata Notes', 'Table & Geography Changes', 'Table Shells and Table List', and 'User Notes'; a main section for 'Code Lists, Definitions, and Accuracy' with a brief description and a right-pointing arrow; and a 'User Notes' section with a brief description and a right-pointing arrow. On the right side, there is a 'Related Information' section with links to 'American Community Survey Data', 'Share Your ACS Data Story', and 'Contact Us'. At the bottom left of the page, there is a logo for the 'Join the ACS Data Users Group'.



[census.gov/programs-surveys/acs/technical-documentation.html](https://census.gov/programs-surveys/acs/technical-documentation.html)

# The American Community Survey

## Table Shells and Table List

<b>Within Technical Documentation</b>
<b>Code Lists, Definitions, and Accuracy</b>
Data Suppression
Errata Notes
Table & Geography Changes
<b>Table Shells and Table List</b>
User Notes

## 2023

### 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

 [2023 ACS Table Shells](#)

### Table Shells for All Detailed and Supplemental Tables

Download table shells for all Detailed and Supplemental Tables in Excel file format.

 [2023 ACS Detailed Table Shells \[1.3 MB\]](#)

 [2023 ACS Supplemental Table Shells](#)

### Table List

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

 [2023 ACS Table List](#)

# The American Community Survey

## Subjects Included in the Survey

<b>Within Guidance for Data Users</b>
<a href="#">Comparing ACS Data</a>
<a href="#">Handbooks</a>
<a href="#">Recorded Webinars</a>
<b><a href="#">Subjects Included in the Survey</a></b>
<a href="#">Statistical Testing Tool</a>
<a href="#">Using ACS Data with Open-Source Software</a>
<a href="#">When to Use 1-year or 5-year Estimates</a>
<a href="#">Which Data Table or Tool Should I Use?</a>

<b>Social</b>	<b>Housing</b>
<b>Ancestry</b> >	<b>Bedrooms</b> >
<b>Citizen Voting-Age Population</b> >	<b>Computer and Internet Use</b> >
<b>Citizenship Status</b> >	<b>House Heating Fuel</b> >
<b>Disability Status</b> >	<b>Kitchen Facilities</b> >
<b>Educational Attainment</b> >	<b>Occupancy/Vacancy Status</b> >

# The American Community Survey

## Switching Between 1-Year and 5-Year on data.census.gov

DP02 | Selected Social Characteristics in the United States

American Community Survey | 2022: ACS 1-Year Estimates Data Profiles

Notes | Geos | Topics | Codes | Dataset | Year | Columns | Transpose | Margin of Error | Restore | More Tools

Please note that American Community Survey 1-Year estimates are published for geographies with a population of 65,000 or more. For more information, see the [guidance for when to use 1-year or 5-year estimates](#).

Label	United States			
	Estimate	Margin of Error	Percent	Percent Margin of Error
HOUSEHOLDS BY TYPE				
Total households	129,870,928	±136,261	129,870,928	(X)
Married-couple household	60,921,873	±168,299	46.9%	±0.1
With children of the householder under 18 years	22,997,383	±76,293	17.7%	±0.1
Cohabiting couple household	9,521,832	±52,964	7.3%	±0.1
With children of the householder under 18 years	3,005,360	±39,474	2.3%	±0.1
Male householder, no spouse/partner present	23,819,160	±77,831	18.3%	±0.1
With children of the householder under 18 years	1,575,169	±27,080	1.2%	±0.1
Householder living alone	16,855,668	±71,731	13.0%	±0.1
65 years and over	4,987,996	±37,343	3.8%	±0.1

Dataset | Year | Columns | Transpose | Margin of Error | Restore

Search

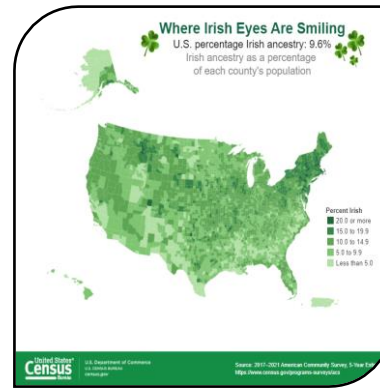
- ✓ 2022: ACS 1-Year Estimates Data Profiles
- 2022: ACS 5-Year Estimates Data Profiles
- 2021: ACS 1-Year Estimates Data Profiles
- 2021: ACS 5-Year Estimates American Indian and Alaska Native Data Profiles
- 2021: ACS 5-Year Estimates Selected Population Data Profiles
- 2021: ACS 5-Year Estimates Data Profiles
- 2020: ACS 5-Year Estimates Data Profiles
- 2019: ACS 1-Year Estimates Data Profiles
- 2019: ACS 5-Year Estimates Data Profiles
- 2018: ACS 1-Year Estimates Data Profiles
- 2018: ACS 5-Year Estimates Data Profiles
- 2017: ACS 1-Year Estimates Data Profiles

# The American Community Survey

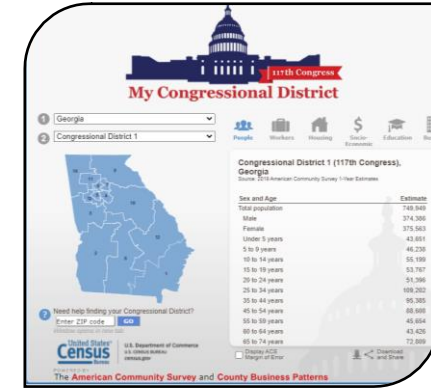
## Selected Ways to Access Data



data.census.gov



Application Programming Interface



My Congressional District

# The American Community Survey Resources for Learning More



data.census.gov  
Resources



Census Academy



ACS Course



ACS Handbooks

[census.gov/data/what-is-data-census-gov.html](https://www.census.gov/data/what-is-data-census-gov.html)

[census.gov/academy](https://www.census.gov/academy)

[census.gov/data/academy/courses/discovering-the-american-community-survey.html](https://www.census.gov/data/academy/courses/discovering-the-american-community-survey.html)

[census.gov/programs-surveys/acs/library/handbooks.html](https://www.census.gov/programs-surveys/acs/library/handbooks.html)

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# The American Community Survey

## Upcoming ACS Releases

### 2023 ACS 1-Year Release

#### Data Products

#### Release

1-Year Estimates Media Embargo

September 10, 2024

1-Year Estimates Public Release

September 12, 2024

1-Year Public Use Microdata Sample (PUMS)

October 17, 2024

1-Year Supplemental Estimates

October 17, 2024

119<sup>th</sup> Congressional Districts (Data Profiles)

January 7, 2025

### 2019-2023 ACS 5-Year Release

#### Data Products

#### Release

5-Year Estimates Media Embargo

December 10, 2024

5-Year Estimates Public Release

December 12, 2024

5-Year Public Use Microdata Sample (PUMS)

January 23, 2025

5-Year Variance Replicate Estimates

January 23, 2025



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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](https://census.gov/data/academy/webinars.html)
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# The American Community Survey

## Stay Connected



**Share Your ACS  
Data Story**

[census.gov/acs-data-stories](https://census.gov/acs-data-stories)



**Join the ACS  
Data Users Group**

[acsdatacommunity.prb.org](https://acsdatacommunity.prb.org)



**Sign Up for  
Email Updates**

[public.govdelivery.com/accounts/USCENSUS/signup/12426](https://public.govdelivery.com/accounts/USCENSUS/signup/12426)

# Data Dissemination and Training

- ✓ **Bring our data experts to you.**

Request a free data training for your organization.

- ✓ **Receive our Data Gems.**

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.**

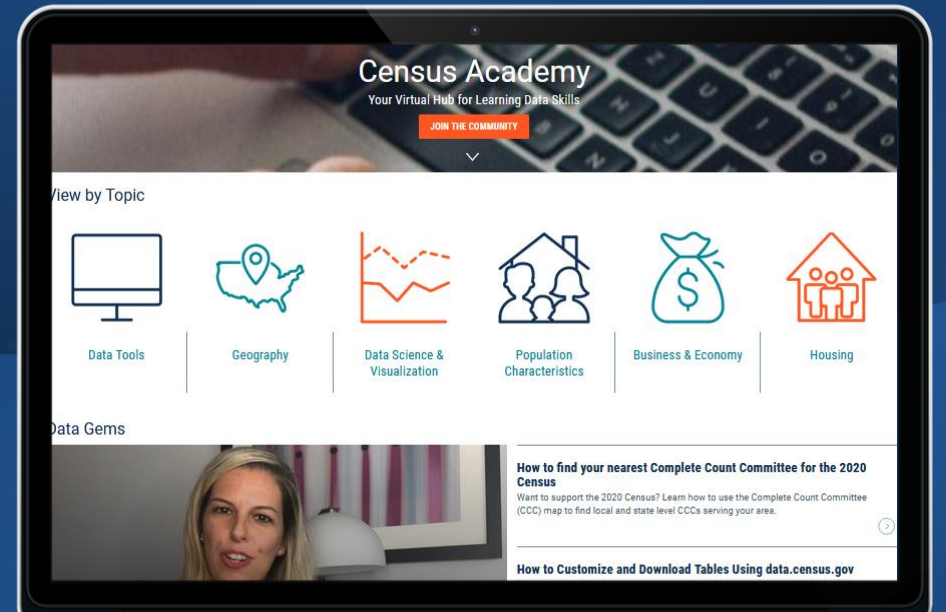
You will learn-at-your-own-pace with these video-tutorials designed for different skill levels.

- ✓ **Interact with our instructors via Webinars.**

Learn about our data releases and tools while attending these live virtual classes.



# Census.gov/Academy



**Contact us:**

[Census.askdata@census.gov](mailto:Census.askdata@census.gov)

1-844-ASK-DATA

*Share your ideas and feedback at  
[census.academy@census.gov](mailto:census.academy@census.gov)*

# The American Community Survey

## Embargo

### **Tuesday, September 10th**

- 2023 ACS 1-year embargo begins at 10:00 a.m. EDT

### **Embargo Area Press Kit**

- Access the embargoed data
- Presentation slides and archived webinar
- News release
- Links to resources on [census.gov/acs](https://census.gov/acs)

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# The American Community Survey

## 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

[www.census.gov/newsroom/press-kits/2024/acs-1-year-estimates.html](https://www.census.gov/newsroom/press-kits/2024/acs-1-year-estimates.html)

### Website

census.gov/acs

### Source Us

U.S. Census Bureau, 2023 American Community Survey, 1-year estimates

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\*



# American Community Survey

## 2023 ACS 1-Year Estimates

Pre-Release Webinar  
September 5, 2024