

2019-2023 American Community Survey 5-Year Estimates Prerelease Webinar

December 5, 2024

Webinar Slides

www.census.gov/newsroom/press-kits/2024/acs-5-year



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-5-year](https://www.census.gov/newsroom/press-kits/2024/acs-5-year)
- Webinar recording will be posted a few days after the webinar
- If you need closed captioning, click on the “cc” button in the lower left corner of WebEx or select 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

Contact the Public Information Office via email at pio@census.gov or by phone at 301-763-3030

The American Community Survey

Speakers

Host

Jewel Jordan

Public Affairs Specialist

Public Information Office

Presenter

Charles Gamble

Survey Statistician

American Community Survey Office

The American Community Survey

Outline

- **2019-2023 ACS 5-Year Release**
- ACS Basics
- Updates for the 2019-2023 ACS 5-Year Release
- Accessing ACS Data
- Resources for Learning More
- Upcoming ACS Data Releases
- Q&A

The American Community Survey

2019-2023 ACS 5-Year Release Schedule

MEDIA EMBARGO: Tuesday, December 10, 2024

- Embargo at 10:00 a.m. (EST), includes 2019-2023 ACS 5-year estimates:
 - 5-year data products on data.census.gov and Summary Files
 - Press Kit: [census.gov/newsroom/press-kits/2024/acs-5-year](https://www.census.gov/newsroom/press-kits/2024/acs-5-year)

PUBLIC RELEASE: Thursday, December 12, 2024

- Embargo lifted at 12:01 a.m. EST, includes 2019-2023 ACS 5-year estimates:
 - News release and press kit
 - Media can release stories containing data
- Data and related products are available to the public by 10:00 a.m. (EST)

The American Community Survey

Outline

- 2019-2023 ACS 5-Year Release
- **ACS Basics**
- Updates for the 2019-2023 ACS 5-Year Release
- Accessing ACS Data
- Resources for Learning More
- Upcoming ACS Data Releases
- Q&A

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 image displays two versions of the American Community Survey interface. The top screenshot is a laptop screen showing the website's login page. It features the 'United States Census Bureau' logo, the title 'American Community Survey', and a 'Welcome! Start here to respond:' section with a 'Respond online today at: respond.census.gov/acs' link. A 'User ID' field is present, along with a 'Login' button. A 'Can't find the User ID?' section explains that the 10-digit code appears above the address and to the right, with an example: '100 MAIN STREET, ANYTOWN, MD 20907' and a corresponding 'User ID' barcode. A 'U.S. Census Bureau Notice' is also visible. The bottom screenshot is a paper form titled 'Start Here'. It provides instructions on how to respond (online or by mail) and includes a section for 'Your response is required by law.' The form also contains a 'Please print the name and telephone number of the person who is filling out this form.' section with fields for 'Last Name', 'First Name', and 'MI'. A 'How many people are living or staying at this address?' section includes instructions on who to include and exclude, and a 'Number of people' field. The form concludes with a '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.' instruction. Contact information for help is provided at the bottom.

The American Community Survey

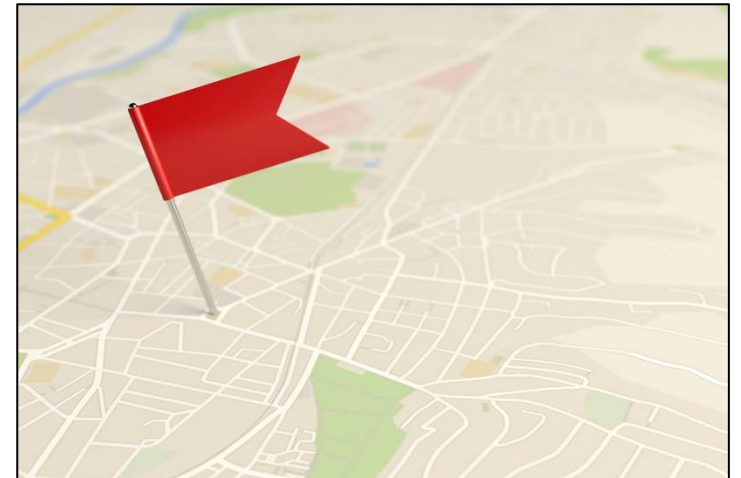
Content Overview

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 Available Year Built Year Moved In
	ECONOMIC Class of Worker Commuting Employment Status Food Stamps (SNAP) Health Insurance Income Industry & Occupation Weeks Worked	

The American Community Survey

5-Year Geographies

- More than 616,000 geographic areas
- 65 different geographic summary levels available
- All geographic areas including
 - American Indian areas, Alaska Native Areas, Hawaiian Home Lands
 - All counties and places
 - ZIP code tabulation areas (ZCTAs)
 - Tracts
 - Block groups



The American Community Survey

5-Year Estimates

- Data span 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 of the last year in the 5-year period
- Dollar-value estimates are inflation adjusted to the most recent year for the period

The American Community Survey

When to Use 5-Year Estimates

When to Use 5-Year Estimates:

- No 1-year or 1-year Supplemental Estimates are 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 or 1-year Supplemental Estimates

The American Community Survey

Comparing 5-Year Estimates

Comparing 5-Year Estimates:

- Only compare non-overlapping periods (e.g., 2019-2023 to 2014-2018)
- Only compare 5-year estimates to 5-year, not to 1-year
- Comparing across geographies and/or subpopulations
- Recommended to compare percentages, means, medians and rates instead of count totals (if possible)

The American Community Survey

Outline

- 2019-2023 ACS 5-Year Release
- ACS Basics
- **Updates for the 2019-2023 ACS 5-Year Release**
- Accessing ACS Data
- Resources for Learning More
- Upcoming ACS Data Releases
- Q&A

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
 - Core Based Statistical Areas (CBSAs) based on Post-2020 delineations
 - New England City and Town Areas (NECTAs) discontinued in 2023 ACS products

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 5-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.
 - In the Blended Base at the national level, then, it is accurate to say that resident, household, and group quarters population totals are derived from the 2020 Census; age and sex detail is drawn from 2020 Demographic Analysis; race detail comes from Vintage 2020 Population Estimates; and Hispanic origin detail comes from the 2020 Census.

The American Community Survey

New Tables

Table ID	Title
Housing Costs	
*B25140A – B25140I	Housing Costs as a Percentage of Household Income in the Past 12 Months
Homeowners Insurance Costs	
B25141	Homeowners Insurance Costs by Mortgage Status (Yearly)
Race	
B02020 & 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
Quality Measures	
S9801	Quality Standards Metrics

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

The American Community Survey

Modified Tables

Table ID	Title
Field of Degree	
B15013	Median Earnings in the Past 12 Months by Sex by Field of Bachelor's Degree
B15014	Median Earnings in the Past 12 Months by Age by Field of Bachelor's Degree
Industry	
B24134	Detailed Industry for the Civilian Employed Population 16 Years and Over
B24135	Detailed Industry for the Civilian Employed Male Population 16 Years and Over
B24136	Detailed Industry for the Civilian Employed Female Population 16 Years and Over

The American Community Survey

Modified Tables (Cont'd)

Table ID	Title
Journey to Work and Migration	
S0802	Means of Transportation to Work by Selected Characteristics
S0804	Means of Transportation to Work by Selected Characteristics for Workplace Geography
Quality Measures	
B98021	Housing Unit Response and Nonresponse Rates With Reasons for Noninterviews

The American Community Survey

Modified Tables (Cont'd)

Table ID	Title
Race	
B02010	American Indian and Alaska Native Alone or in Combination With One or More Other Races
CP05	Comparative Demographic Estimates
DP05	ACS Demographic and Housing Estimates

The American Community Survey

Deleted Tables

Table ID	Title
Race	
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

Outline

- 2019-2023 ACS 5-Year Release
- ACS Basics
- Updates for the 2019-2023 ACS 5-Year Release
- **Accessing ACS Data**
- Resources for Learning More
- Upcoming ACS Data Releases
- Q&A

The American Community Survey

5-Year Data Products

Data Profiles (DP) - 5

- Selected Social, Economic, Housing, Demographic
- Selected Social Characteristics - Puerto Rico

Comparison Profiles (CP) - 5

- Comparative Social, Economic, Housing, Demographic
- Comparative Social Characteristics – Puerto Rico
- Comparing 2019-2023 to 2014-2018

Subject Tables (S) - 84

Detailed Tables (B or C) – 1,193

Narrative Profiles

The American Community Survey

Narrative Profiles

Narrative Profiles

Narrative Profiles are short, analytic reports derived from the ACS 5-year estimates. Each Narrative Profile covers 18 different topic areas and provides text and bar charts to display highlights of selected social, economic, housing and demographic estimates for a selected geographic area.

To learn more, watch our Data Gem [How to Get a Statistical Snapshot of Your Community with a Narrative Profile](#).

2022 2021 2020 2019 2018 2017 2016 2015

2018 - 2022 ACS 5-Year Narrative Profile

✔ Use Geography Selector

- or -

Use Address Lookup

Select a Geography Type

- ☒ Nation
- ☐ State
- ☐ County
- ☐ County Subdivision
- ☐ Place
- ☐ Census Tract
- ☐ ZIP Code Tabulation Area
- ☐ Metropolitan/Micropolitan Statistical Area
- ☐ American Indian Area/Alaska Native Area/Hawaiian Home Land

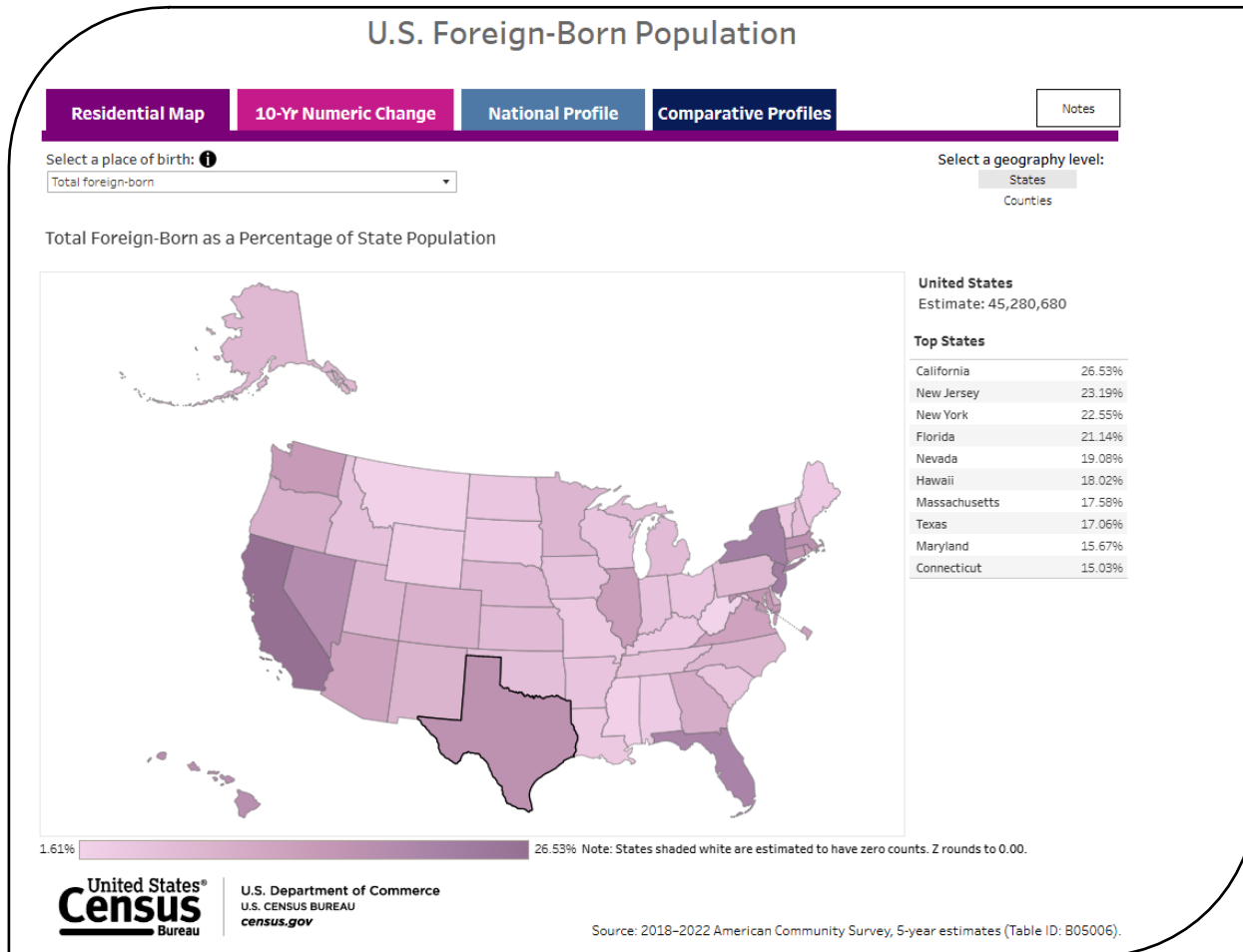
Selected Geography: **United States**

GET NARRATIVE PROFILE

Features:

- Short, analytic reports derived from ACS 5-year estimates
- Available for selected geographic types
- Only available on census.gov website, not data.census.gov
- Includes ACS data from 2014 to present

The American Community Survey Application Programming Interface (API)

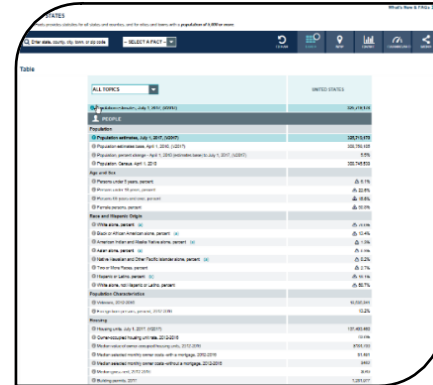


Features:

- Allows programmers to easily and efficiently retrieve ACS data to be incorporated into programs and applications
 - Examples of Census Bureau applications drawing from the API: My Tribal Area and My Congressional District
- Includes all geographies down to the block group level
- Includes all ACS data from 2005-present

The American Community Survey

Data Tool Updates



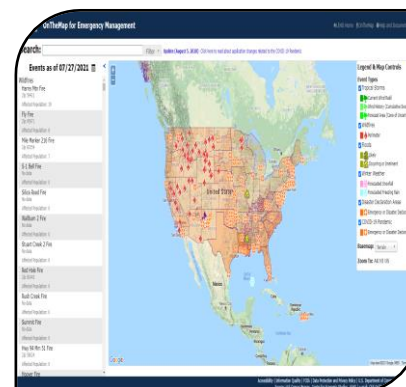
QuickFacts



My Tribal Area



My Community Explorer



OnTheMap for Emergency Management



Census Business Builder

The American Community Survey

data.census.gov



Features:

- Census Bureau's main data dissemination platform
- Filter by geography, surveys, topics, and years
- Download data files and/or create customized maps
- Includes ACS data from 2010 to present

The American Community Survey

Outline

- 2019-2023 ACS 5-Year Release
- ACS Basics
- Updates for the 2019-2023 ACS 5-Year Release
- Accessing ACS Data
- **Resources for Learning More**
- Upcoming ACS Data Releases
- Q&A

The American Community Survey

ACS Website



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.

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. [>](#)

Press Kit

2023 American Community Survey 1-year Estimates Press Kit

September 12, 2024

The American Community Survey provides a wide range of statistics about the nation's people and housing. [>](#)

The American Community Survey

Geography Boundaries by Year

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](#)

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
County Subdivision		
067	Township, Minor Civil Division (MCD)/Barrio and Barrio-Pueblo	January 1, 2023
Place		
160	Incorporated Place	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
County Subdivision		
060	Census County Division (CCD)	January 1, 2023
Place		
160	Census Designated Place (CDP)/Zona Urbana and Comunidad	January 1, 2023

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
 - Contact Us

United States[®]
Census
Bureau

Partners Researchers Educators Survey Respondents

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

News NAICS Codes Jobs About Us Contact Us Help

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   

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](#)

The American Community Survey

ACS Data Release Rules

- Importance:
 - Covers rules applied in determining whether ACS tables and estimates will be published
 - Guidance to proceed in exploring options when ACS data are unavailable
- ACS Data Release Rules include:
 - Population Thresholds
 - Minimum Unweighted Case Requirements
 - Data Quality Filtering Rules
 - Geographic Restrictions to ACS Tables
 - Treatments for Data Anomalies



The American Community Survey

Table Shells and Table List

Within Technical Documentation

[Code Lists, Definitions, and Accuracy](#)

[Data Suppression](#)

[Errata Notes](#)

[Table & Geography Changes](#)

[Table Shells and Table List](#)

[User Notes](#)

2023

Table Shells on FTP

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

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

 [2023 ACS Table Shells](#)

Table Shells for All Detailed Tables and Supplemental Estimates

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

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

 [2023 ACS Supplemental Estimate 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 ACS

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

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

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

census.gov/academy

census.gov/data/academy/courses/discovering-the-american-community-survey.html

census.gov/programs-surveys/acs/library/handbooks.html

The American Community Survey

Outline

- 2019-2023 ACS 5-Year Release
- ACS Basics
- Updates for the 2019-2023 ACS 5-Year Release
- Accessing ACS Data
- Resources for Learning More
- **Upcoming ACS Data Releases**
- Q&A

The American Community Survey

Upcoming ACS Releases

2023 ACS 1-Year Release

Data Products	Release
1-Year Data Profiles - 119 th Congressional Districts	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

The American Community Survey

Outline

- 2019-2023 ACS 5-Year Release
- ACS Basics
- Updates for the 2019-2023 ACS 5-Year Release
- Accessing ACS Data
- Resources for Learning More
- Upcoming ACS Data Releases
- **Q&A**

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/2024/acs-5-year

The American Community Survey

Stay Connected



**Share Your ACS
Data Story**

census.gov/acs-data-stories



**Join the ACS
Data Users Group**

acsdatacommunity.prb.org



**Sign Up for
Email Updates**

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.**

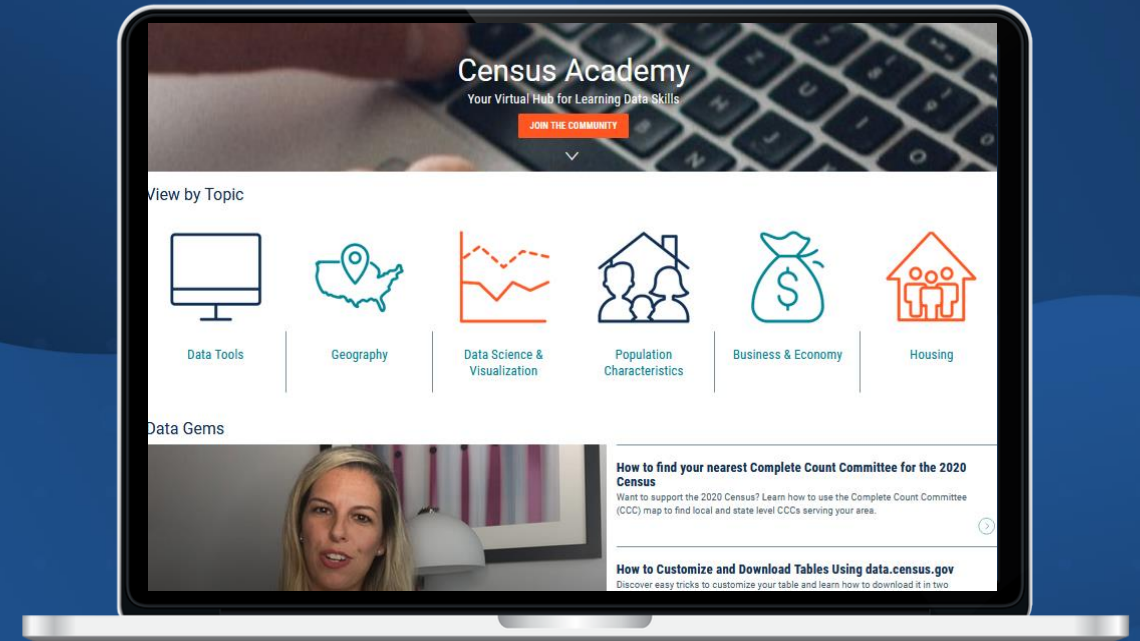
You will learn-at-your-own-pace with these video-tutorials designed for different skill levels.

- ✓ **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

1-844-ASK-DATA

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

The American Community Survey

Embargo

Tuesday, December 10th

- 2019-2023 ACS 5-year embargo begins at 10:00 a.m. EST

Embargo Area Press Kit

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

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/2024/acs-5-year

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

<https://www.census.gov/newsroom/press-kits/2024/acs-5-year>

Website

census.gov/acs

Source Us

U.S. Census Bureau, 2019-2023 American Community Survey 5-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

2019-2023 ACS 5-Year Estimates

Pre-Release Webinar
December 5, 2024