

# Latest [data.census.gov](https://data.census.gov) Updates

Arizona State Data Users Meeting  
October 16, 2024

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Center for Enterprise Dissemination (CED)  
U.S. Census Bureau

- Latest Updates
- Upcoming Enhancements
- Finding Detailed DHC-B Data
- Finding Supplemental DHC Data
- Resources

# Latest Updates

- Address Search
- Cite and API Buttons
- Improved Download Output
- Profiles and Apps Tab
- Filter Panel Redesign
- Improved Maps
- ACS Dataset Message at Top of Table and Map
- Download Table in the Profile and Map
- Pop Pyramids App
- GEOINFO table

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# Address Search

- New address search provides a clickable list of Census Bureau geographies an address falls within

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

## Explore Census Data

Learn about America's People, Places, and Economy

Find Tables, Maps, and more...

**Search by entering a street address and either a city and state or a ZIP code.**

11570 N Oracle Rd

Tucson

AZ

85737

**SEARCH**

An official website of the United States government [Here's how you know](#)

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

Search

All Tables Maps Profiles Pages

**11570 N ORACLE RD, TUCSON, AZ, 85737**

State: [Arizona](#)

Block Group: [Block Group 2](#)

Combined Statistical Area: [Tucson-Nogales, AZ CSA](#)

ZIP Code Tabulation Area: [ZCTA5 85737](#)

County Subdivision: [Tucson CCD](#)

Place: [Oro Valley town](#)

School District (Unified): [Amphitheater Unified District](#)

State Legislative District (Upper Chamber): [State Senate District 17](#)

State Legislative District (Lower Chamber): [State House District 17](#)

Block: [Block 2021](#)

Congressional District: [Congressional District 6](#)

Census Tract: [Census Tract 47.27](#)

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# Cite and API Buttons

The Cite Button provides MLA, APA, Chicago, Harvard, BibTeX, and RefMan citation styles that can be copied directly from data.census.gov

The screenshot shows the United States Census Bureau website interface. The main content area displays the 'S1501 Educational Attainment' table for Arizona. The table has columns for 'Label', 'Total', and 'Percent'. The 'Label' column lists various educational attainment levels, such as 'Less than high school graduate', 'High school graduate (includes equivalency)', 'Some college or associate's degree', 'Bachelor's degree or higher', 'Less than 9th grade', '9th to 12th grade, no diploma', 'High school graduate (includes equivalency)', and 'Some college, no degree'. The 'Total' and 'Percent' columns are currently empty. A red box highlights the 'More Tools' button in the top right corner of the table interface. A dropdown menu is open from this button, and the 'Cite' option is highlighted in red.

The 'Cite' dialog box is shown, featuring a close button (X) in the top right corner. Below the title, there are buttons for different citation styles: MLA, APA, Chicago, Harvard, BibTeX, and RefMan. The 'Chicago' button is currently selected. Below the style buttons, a text box contains the following citation:

U.S. Census Bureau, U.S. Department of Commerce. "Educational Attainment." *American Community Survey, ACS 1-Year Estimates Subject Tables, Table S1501, 2023*, [https://data.census.gov/table/ACSST1Y2023.S1501?t=Educational Attainment&g=040XX00US04](https://data.census.gov/table/ACSST1Y2023.S1501?t=Educational+Attainment&g=040XX00US04). Accessed on October 8, 2024.

A red box highlights a 'COPY' button in the bottom right corner of the dialog box.

# Cite and API Buttons

The API Button provides links to the table data and the dataset metadata in the API

The screenshot shows the United States Census Bureau website interface. The main content area displays the 'S1501 | Educational Attainment' table for Arizona. The table has columns for 'Label', 'Total', and 'Percent'. The 'Total' column is further divided into 'Estimate' and 'Margin of Error'. The table data is as follows:

Label	Total		Percent	
	Estimate	Margin of Error	Estimate	Margin of Error
AGE BY EDUCATIONAL ATTAINMENT				
Population 18 to 24 years	701,011			
Less than high school graduate	97,858			
High school graduate (includes equivalency)	258,209			
Some college or associate's degree	265,769			
Bachelor's degree or higher	79,175			
Population 25 years and over	5,150,254			
Less than 9th grade	238,234			
9th to 12th grade, no diploma	308,931			
High school graduate (includes equivalency)	1,202,651			
Some college, no degree	1,203,684			

The 'More Tools' button in the top right of the table area is highlighted in red. A dropdown menu is open, showing options like ZIP, Cite, Share, Print, and API. The 'API' option is highlighted in red.

The 'Census Data API' modal window displays the following information:

### Census Data API

S1501 | Educational Attainment

**Data Link**

[https://api.census.gov/data/2023/acs/acs1/subject?get=group\(S1501\)&ucgid=0400000US04](https://api.census.gov/data/2023/acs/acs1/subject?get=group(S1501)&ucgid=0400000US04) **COPY**

**Metadata Link**

<https://api.census.gov/data/2023/acs/acs1/subject> **COPY**



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# Improved Download Output

Alternating annotation columns have been removed from ACS .zip downloads

	A	B	C	D	E	F
1	GEO_ID	NAME	B19013_001E	B19013_001EA	B19013_001M	B19013_001MA
2	Geography	Geographic Area Name	Estimate!!	Med Annotation of E:	Margin of Error	Annotation of N
60	1400000US01003011601	Census Tract 116.01, Baldwin County, Alabama	51621	null	2979	null
61	1400000US01003011603	Census Tract 116.03, Baldwin County, Alabama	54560	null	16063	null
62	1400000US01003011604	Census Tract 116.04, Baldwin County, Alabama	60521	null	19112	null
63	1400000US01003990000	Census Tract 9900, Baldwin County, Alabama	-	-	**	**
64	1400000US01005950100	Census Tract 9501, Barbour County, Alabama	49007	null	17479	null
65	1400000US01005950200	Census Tract 9502, Barbour County, Alabama	36364	null	17193	null
66	1400000US01005950300	Census Tract 9503, Barbour County, Alabama	32238	null	10820	null
67	1400000US01005950400	Census Tract 9504, Barbour County, Alabama	32216	null	8640	null
68	1400000US01005950500	Census Tract 9505, Barbour County, Alabama	55505	null	12209	null

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# New Profiles and Apps Tabs

- **Profiles:** Provides a list of Geography Profiles most relevant to your search
- **Apps:** Provides quick links to data.census.gov applications

The screenshot shows the United States Census Bureau website with the search term "Arizona". The "Profiles" tab is highlighted with a red box in the navigation menu. The main content area displays a map of Arizona and a list of statistics:

State	
Arizona	
Arizona has a land area of 113,623.1 square miles and a water area of 331.8 square miles. It is the 6th largest state by area.	
Total Population: 7,151,502	Without Health Care Coverage: 9.9%
Median Household Income: \$77,315	Total Employer Establishments: 154,759
Bachelor's Degree or Higher: 33.5%	Total Households: 2,907,014
Employment Rate: 57.8%	Hispanic or Latino (of any race): 2,192,253
Total Housing Units: 3,082,000	

Below the statistics, there is a "View Profile" link and a "16 Profiles" indicator. The "Profiles" section is also visible at the bottom of the page.

The screenshot shows the United States Census Bureau website with the search term "Arizona". The "Apps" tab is highlighted with a red box in the navigation menu. The main content area displays a "Select a Dataset & Vintage" section with the following options:

Select a Dataset: ACS 1-Year Estimates Public Use Microdata Sample  
Select a Vintage: 2022

Below this, there are two sections: "Microdata" and "Population Pyramids".

**Microdata**  
Explore datasets, create crosstabulations, and download United States Census microdata.

**Population Pyramids**  
How much can you learn about a place from one chart? Population pyramids offer a powerful window into community dynamics.

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# Filter Panel Redesign

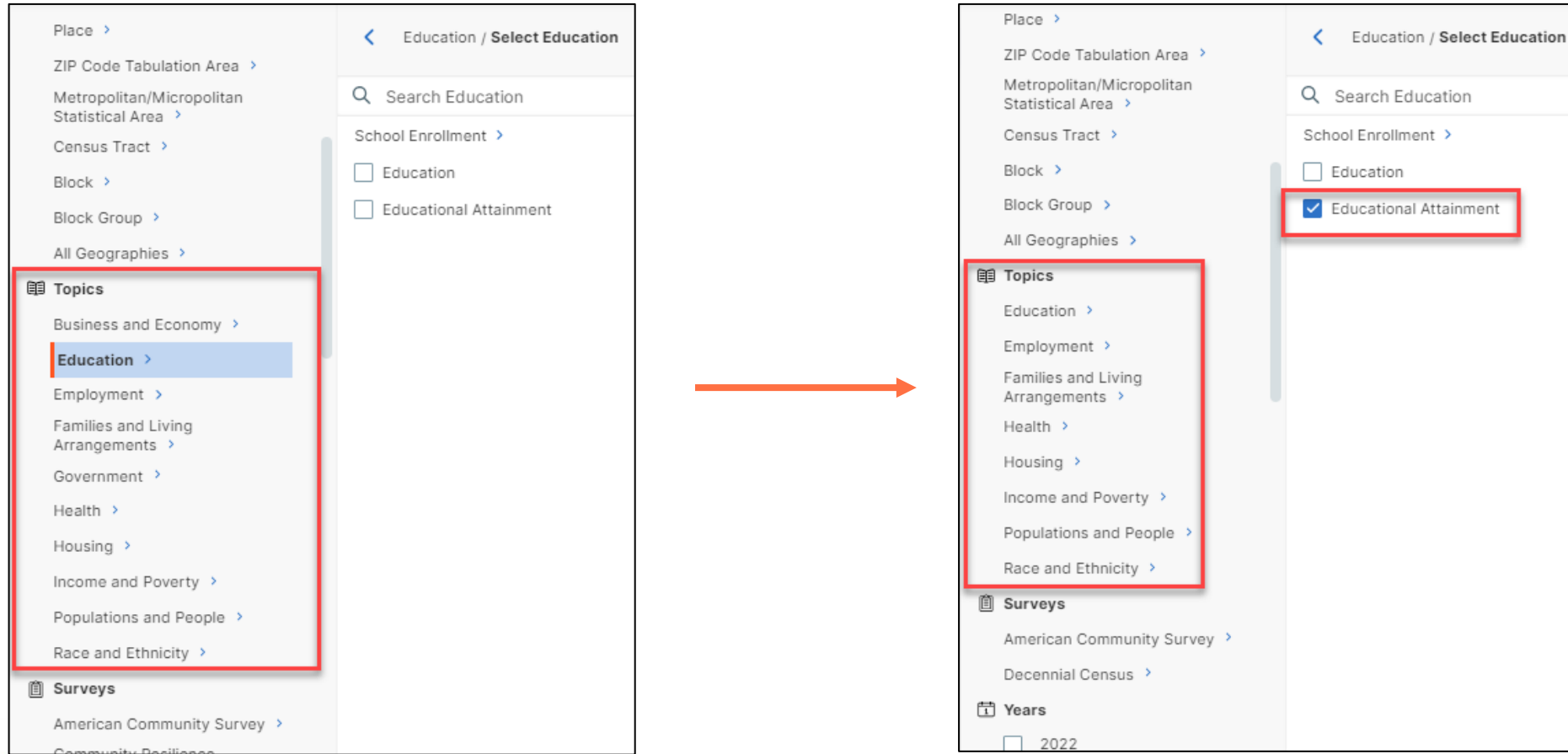
- Filter subcategories are shown by default
- Filters with chevrons provide more detailed options to choose from and filters with check boxes are final search selections

The screenshot displays the United States Census Bureau website's filter panel. The main panel is divided into two sections: 'Geographies' and 'Topics'. The 'Geographies' section lists various geographic levels: Nation, State, County, County Subdivision, Place, ZIP Code Tabulation Area, Metropolitan/Micropolitan Statistical Area, Census Tract, Block, Block Group, and All Geographies. The 'Topics' section lists various subjects: Business and Economy, Education, and Employment. The 'Education' topic is highlighted with a red box. A secondary panel on the right shows the 'Education / Select Education' options, including 'School Enrollment', 'Education', and 'Educational Attainment', with 'Education' and 'Educational Attainment' having checkboxes. The 'Education' and 'Educational Attainment' options are also highlighted with a red box.

# Filter Panel Redesign

When a selection is made, the list on the left updates according to filters that are compatible with the selection

- E.g., when 'Educational Attainment' is selected, the Business and Economy filter is removed, as there are no tables that look at educational attainment and business and economy



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# Improved Maps: Redesign of Variable Section

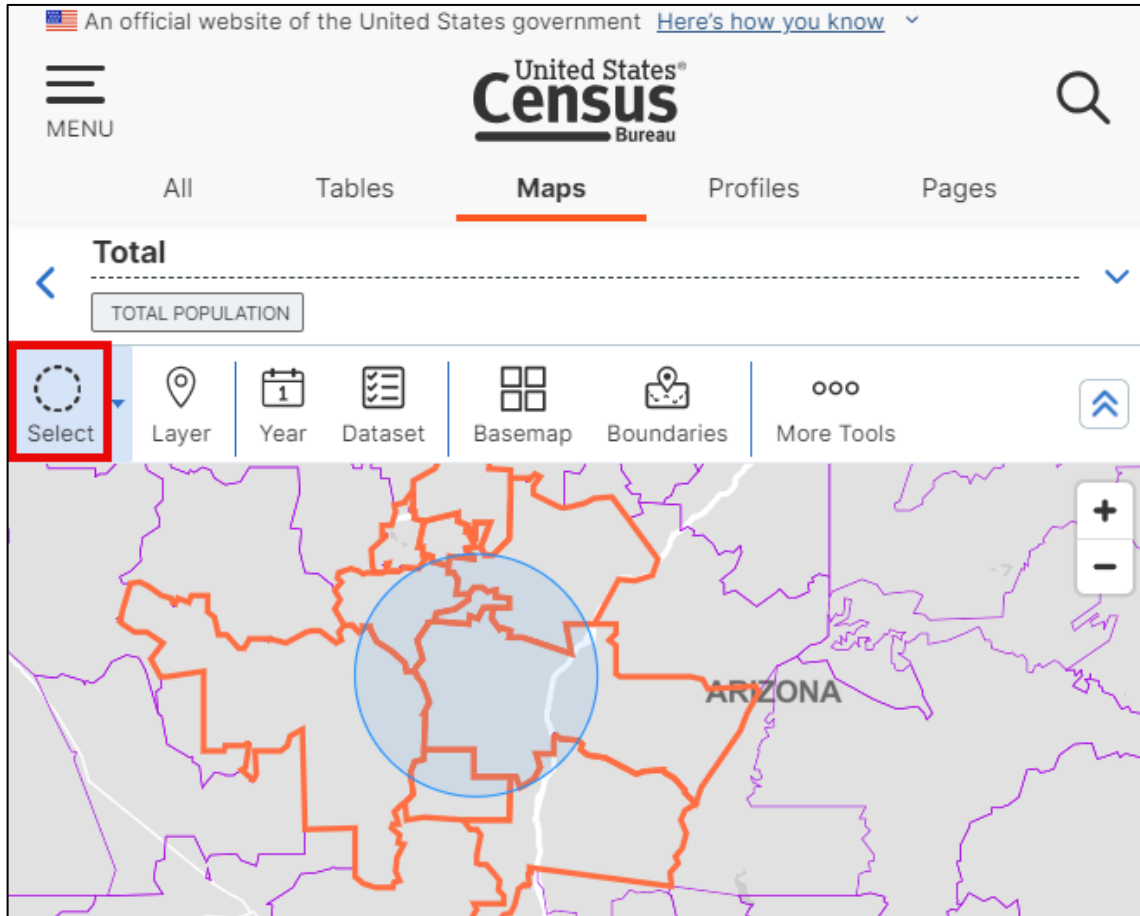
- Variables now organized in a readable list
- Dimensions  
Allow you to map all columns of the corresponding table
- Units  
Default to percent when available

The screenshot displays the United States Census Bureau's interactive map tool. The search bar contains the text "internet all counties in arizona". The "Maps" tab is selected, and the variable "Has one or more types of computing devices:" is chosen. The variable selection interface is highlighted with red boxes, showing a hierarchical list of variables under "TYPES OF COMPUTER". The "Dimensions" section is set to "Percent - Estimate", and the "Units" section is set to "% Percent". The map shows the state of Arizona (AZ) highlighted in blue, indicating the selected variable's data. The map title is "computing devices: - Percent | TYPES OF COMPUTER | Total households". The bottom of the screen shows the map ID "S2801 | Types of Computers and Internet Subscriptions" and the data source "S2801 | 2022 ACS 5-Year Estimates Subject Tables".

# Improved Maps: New Selection Tools

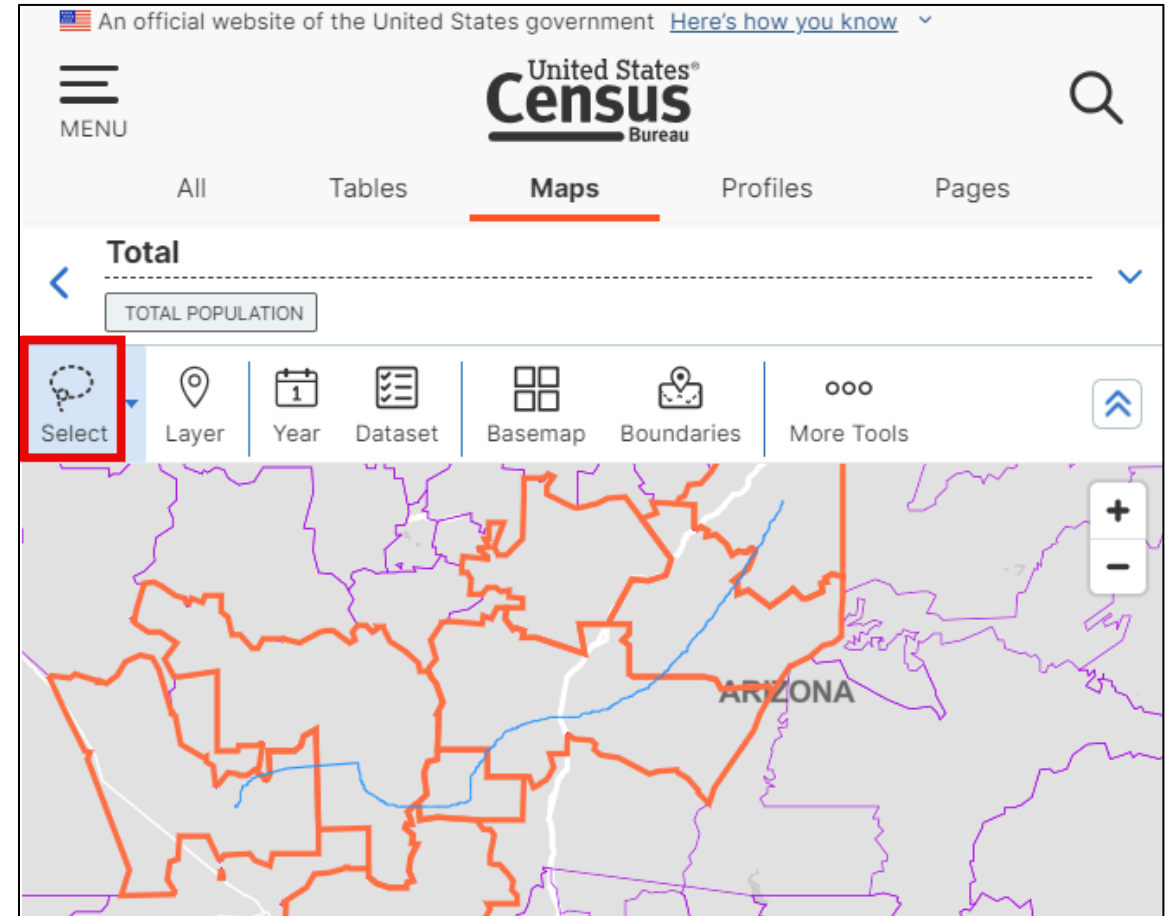
## Circle Selection Tool

Draw a circle to select geos



## Lasso Selection Tool

Draw a custom shape to select geos



# Improved Maps: New Print and GeoJSON Buttons

- **Print:** Provides PDF download of the map
- **GeoJSON:** Provides map boundaries in GeoJSON format

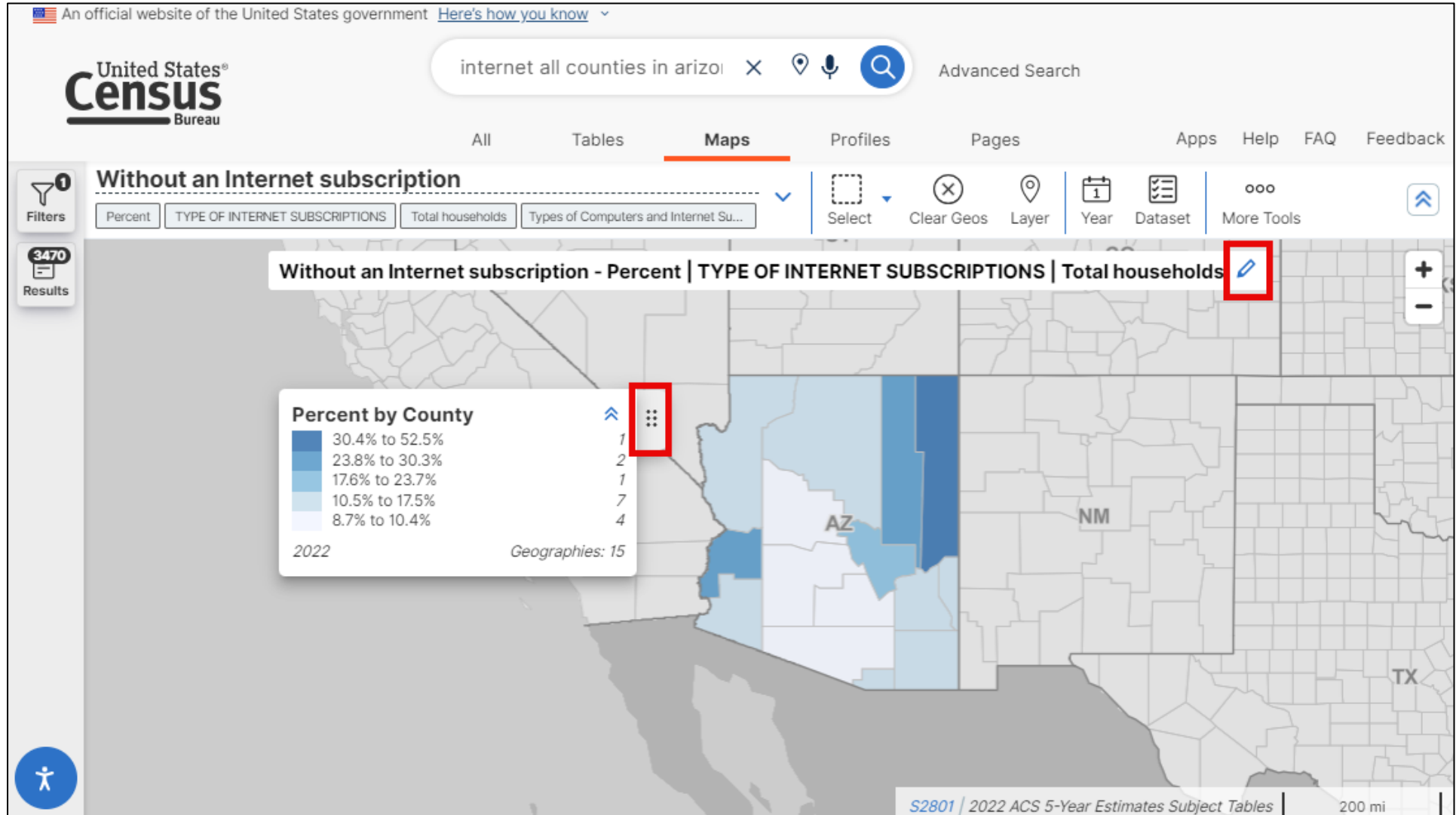
The screenshot shows the United States Census Bureau map interface. The search bar contains "internet all counties in arizo". The map displays "Without an Internet subscription - Percent | TYPE OF INTERNET SUBSCRIPTIONS | Total households" for Arizona. A legend on the left shows percentages: 30.4% to 30.3%, 23.8% to 23.7%, 17.6% to 17.5%, 10.5% to 10.4%, and 8.7% to 8.6%. The "More Tools" menu is open, with "Print" and "GeoJSON" options highlighted with red boxes. Other options include Basemap, Boundaries, Colors, Classes, Identify, Table, Notes, and Share.

The screenshot shows the United States Census Bureau map interface. The search bar contains "internet all counties in arizo". The map displays "Without an Internet subscription - Percent | TYPE OF INTERNET SUBSCRIPTIONS | Total households" for Arizona. A legend on the left shows percentages: 30.4% to 52.5%, 23.8% to 30.3%, 17.6% to 23.7%, 10.5% to 17.5%, and 8.7% to 10.4%. The "More Tools" menu is open, with "GeoJSON" and "Downloads" options highlighted with red boxes. Other options include Basemap, Boundaries, Colors, Classes, Identify, Table, Notes, and Share. A "Downloads" dialog box is visible in the bottom right corner, showing "Triggering Download..." and "County - 04DX00USD4\$0500000".

# Improved Maps: Edit Map Title and Move/Collapse Map Legend

New controls to:

- Edit map title
- Move or collapse the map legend



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# ACS Dataset Message on the Top of Table and Map

- View the top of the ACS table for new text that explains ACS 1-Year Estimates are only available for geographies with 65,000 people or more.

An official website of the United States government [Here's how you know](#)

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

income in arizona

Advanced Search

All **Tables** Maps Profiles Pages Apps Help FAQ Feedback

S1901 | Income in the Past 12 Months (in 2023 Inflation-Adjusted Dollars)

American Community Survey 2023: ACS 1-Year Estimates Subject Tables

Notes Geos Topics Codes Dataset Year Columns Transpose Margin of Error 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	Arizona					
	Households			Families		Married-coup
	Estimate	Margin of Error	Estimate	Margin of Error		
Total	2,907,014	±12,227	1,858,236	±17,024		
Less than \$10,000	5.5%	±0.3	3.4%	±0.3		
\$10,000 to \$14,999	2.9%	±0.2	1.6%	±0.2		
\$15,000 to \$24,999	5.9%	±0.3	3.8%	±0.2		
\$25,000 to \$34,999	6.7%	±0.3	4.8%	±0.3		
\$35,000 to \$49,999	10.8%	±0.4	9.5%	±0.5		
\$50,000 to \$74,999	16.7%	±0.4	15.6%	±0.5		
\$75,000 to \$99,999	13.5%	±0.4	14.7%	±0.5		

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# Download Table in the Profile and Map

To access the download in the profile view:  
Click “Show Table” and then “Download Table.”

The screenshot shows the profile view for 'Older Population by Age' in the United States. The main heading is 'Older Population' with a value of 17.7% ± 0.1%. Below this, there is a horizontal bar chart showing the percentage of the population aged 65 and older, broken down by age group: 65 to 74 years (10.4%), 75 to 84 years (5.5%), and 85 years and over (1.8%). A 'Show Table' button is highlighted with a red box at the bottom left. A 'DOWNLOAD TABLE' button is highlighted with a red box at the bottom right of the table.

Measure	Value
65 to 74 years	10.4%
75 to 84 years	5.5%
85 years and over	1.8%

To access the download in the map view:  
Click the “Table” button at the top of the map and then

The screenshot shows the map view for 'Female - Total population | SEX AND AGE'. The map displays the percentage of the female population aged 65 and older by county. A 'Table' button is highlighted with a red box at the top right of the map interface. A 'Map Table' panel is open on the right side, showing a list of counties and their corresponding percentages. A 'DOWNLOAD TABLE' button is highlighted with a red box at the bottom right of the map interface.

County	Percentage	Change
Montana		
Yoakum County, Texas	53.1%	+ 2.8%
Yolo County, California	51.2%	+ 0.1%
York County, Maine	50.8%	+ 0.1%
York County, Nebraska	50%	+ 0.5%
York County, Pennsylvania	50.3%	+ 0.1%
York County, South Carolina	51.3%	+ 0.1%
York County, Virginia	50.4%	+ 0.2%
Young County, Texas	50.7%	+ 0.9%
Yuba County, California	49%	+ 0.1%
Yukon-Koyukuk Census Area, Alaska	48.9%	+ 0.8%
Yuma County, Arizona	48.5%	+ 0.1%
Yuma County, Colorado	49.2%	+ 1%
Zapata County, Texas	50%	+ 0.3%
Zavala County, Texas	47.4%	+ 1.3%
Ziebach County, South Dakota	50%	+ 1.2%

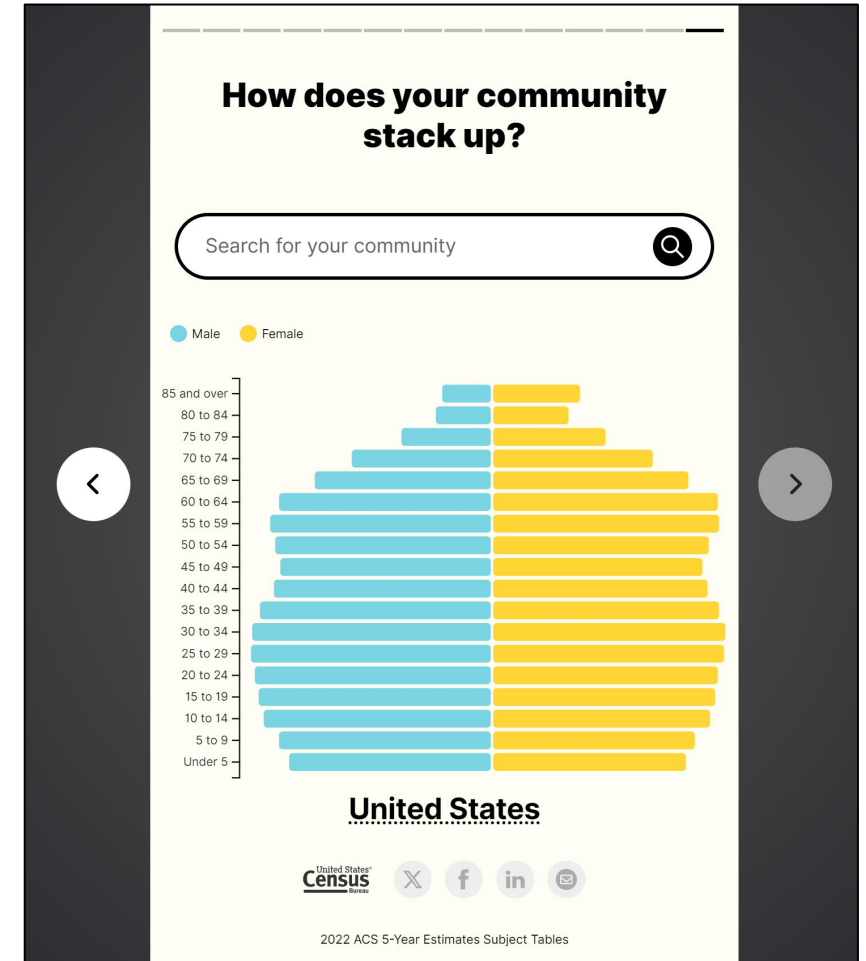
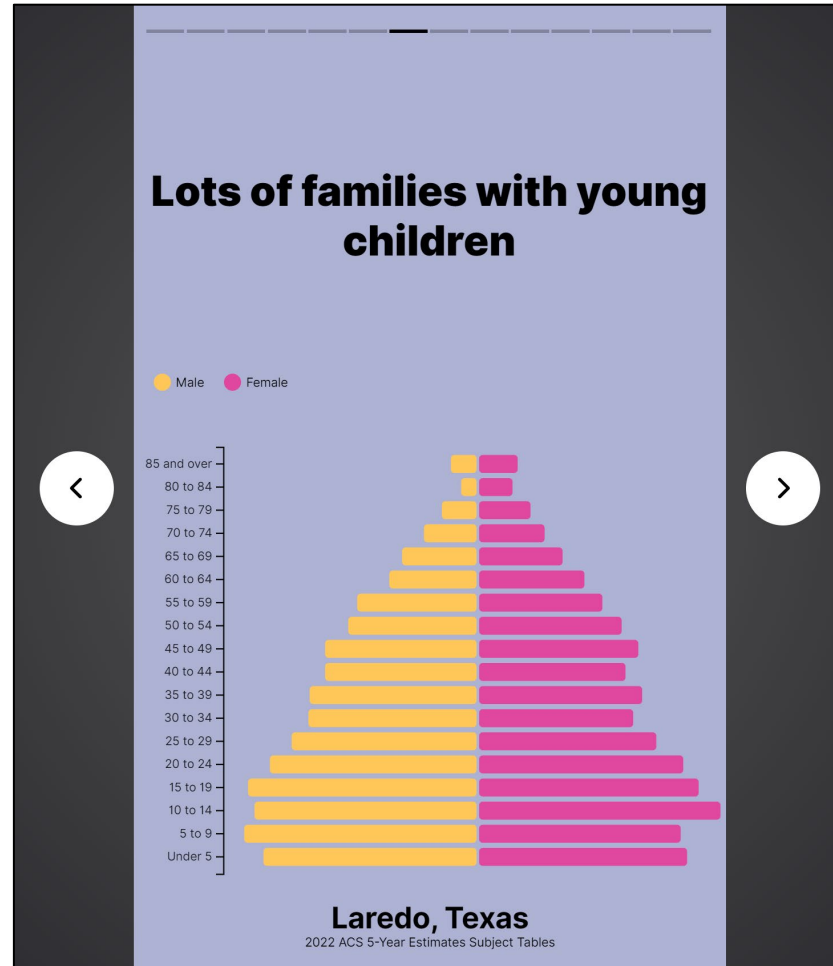


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# Population Pyramids App

- Uses population pyramids to tell data stories
- Interactive widget allows you to explore the population pyramid for your community



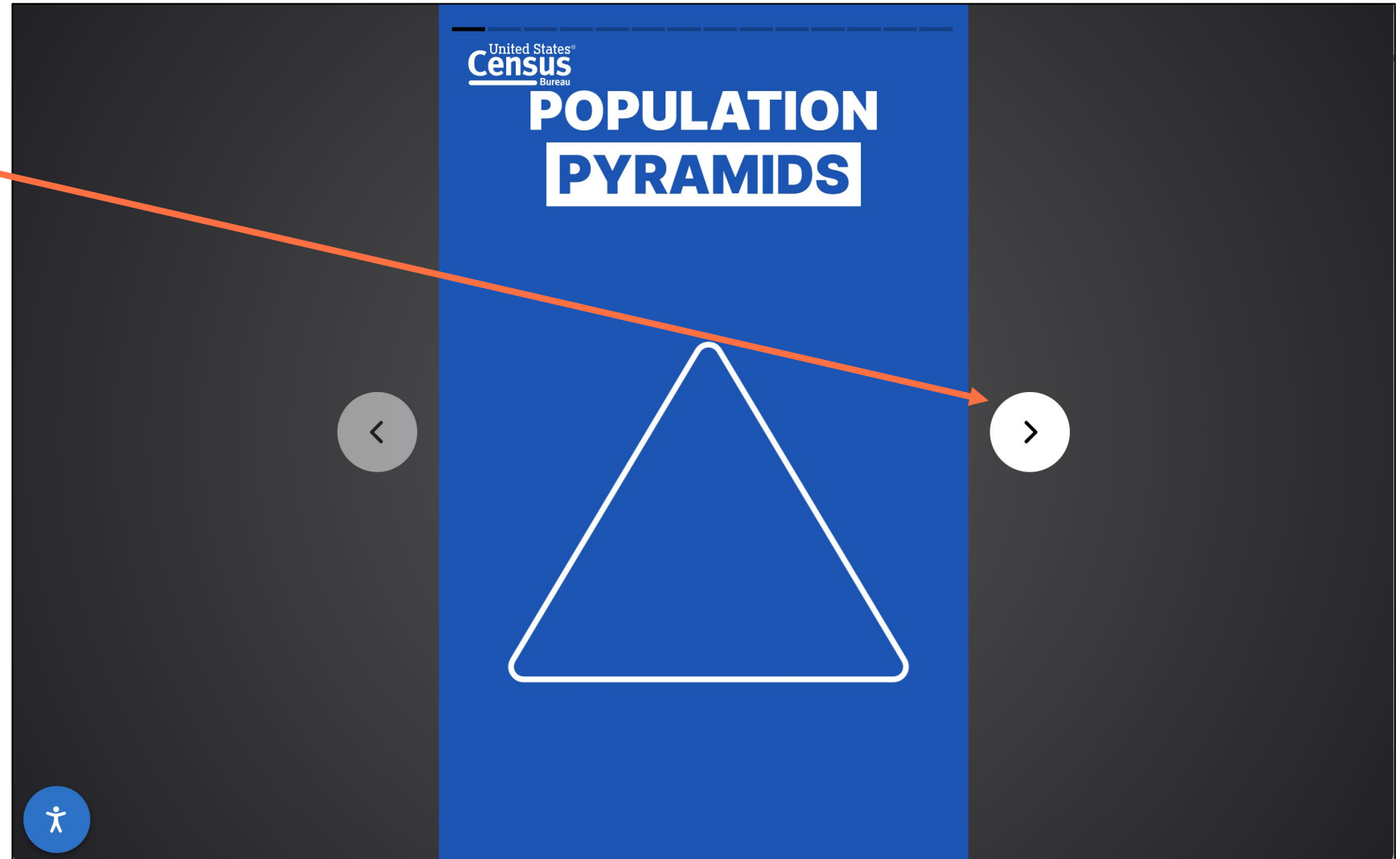
# Open Population Pyramids App

- Click the **Apps** tab
- Click **Population Pyramids**

The screenshot shows the United States Census Bureau website. At the top, there is a navigation bar with the logo, a search bar, and links for 'All', 'Tables', 'Maps', 'Profiles', 'Pages', 'Apps', 'Help', 'FAQ', and 'Feedback'. An orange arrow points from the 'Apps' tab in the navigation bar to the 'Apps' section on the page. Below the navigation bar, the 'Apps' section is displayed. On the left, there is a 'Select a Dataset & Vintage' form with a dropdown menu for 'Select a Dataset' (currently showing 'ACS 1-Year Estimates Public Use Microdata Sample') and a dropdown menu for 'Select a Vintage' (currently showing '2022'). Below this form is a 'Microdata' section with a description. On the right, there is a 'Population Pyramids' app card featuring a horizontal bar chart with age groups on the y-axis (80 to 84, 75 to 79, 70 to 74, 65 to 69, 60 to 64, 55 to 59, 50 to 54) and population counts on the x-axis. The bars are colored in shades of blue and yellow. Below the chart is a description of population pyramids. An orange arrow points from the 'Population Pyramids' text in the list to the app card. Both the 'Microdata' and 'Population Pyramids' sections have a blue circular icon with a white arrow pointing right at the bottom right corner.

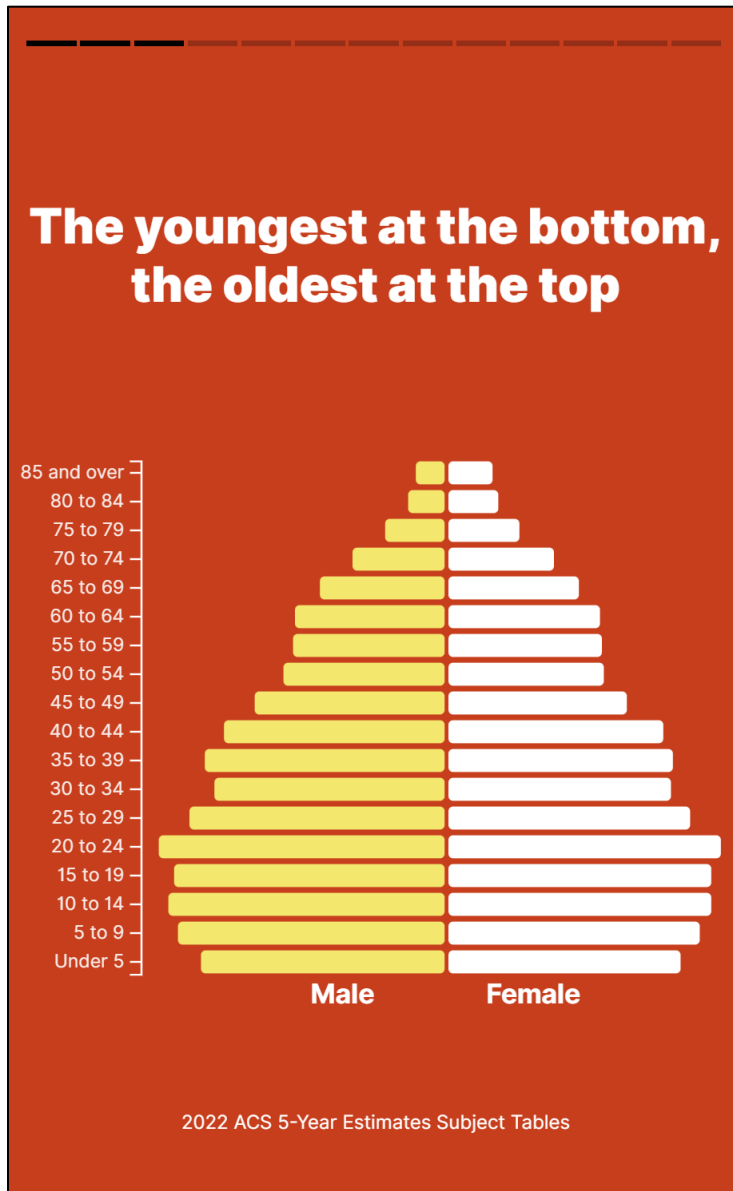
# Visit Population Pyramids App

- Use your mouse, keyboard, touchscreen or buttons to scroll through the app



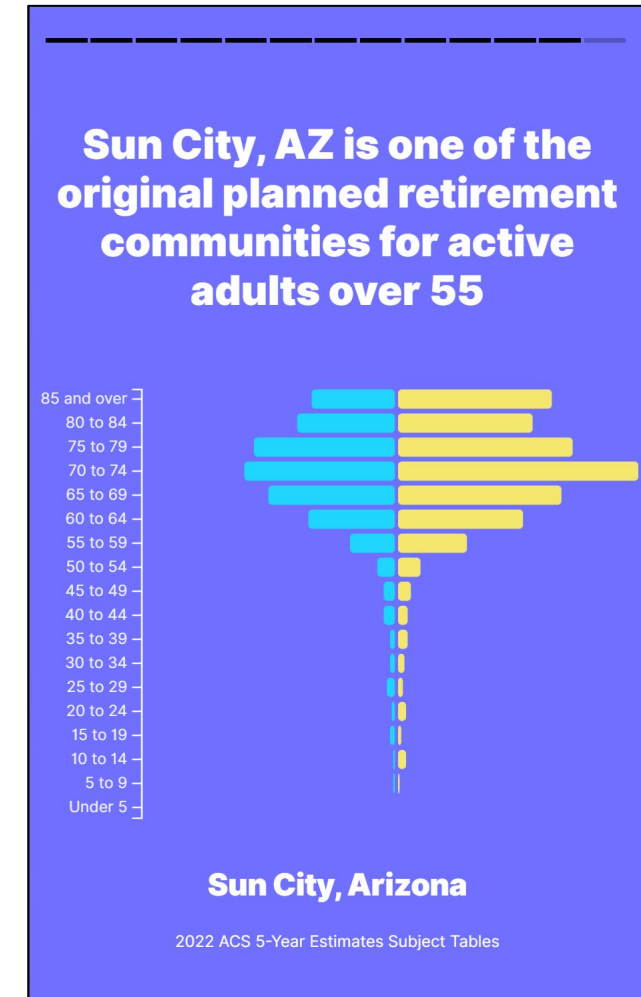
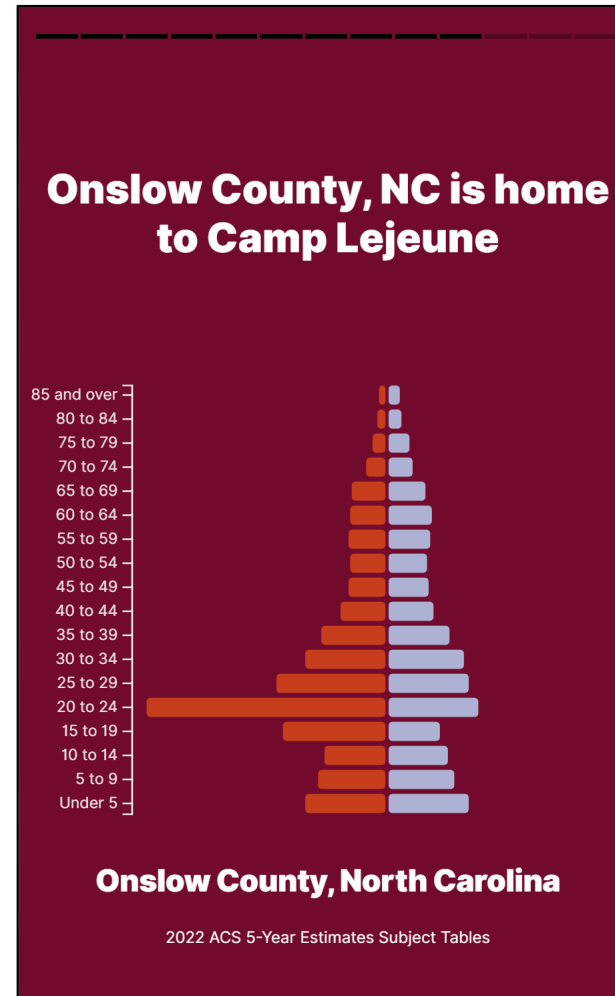
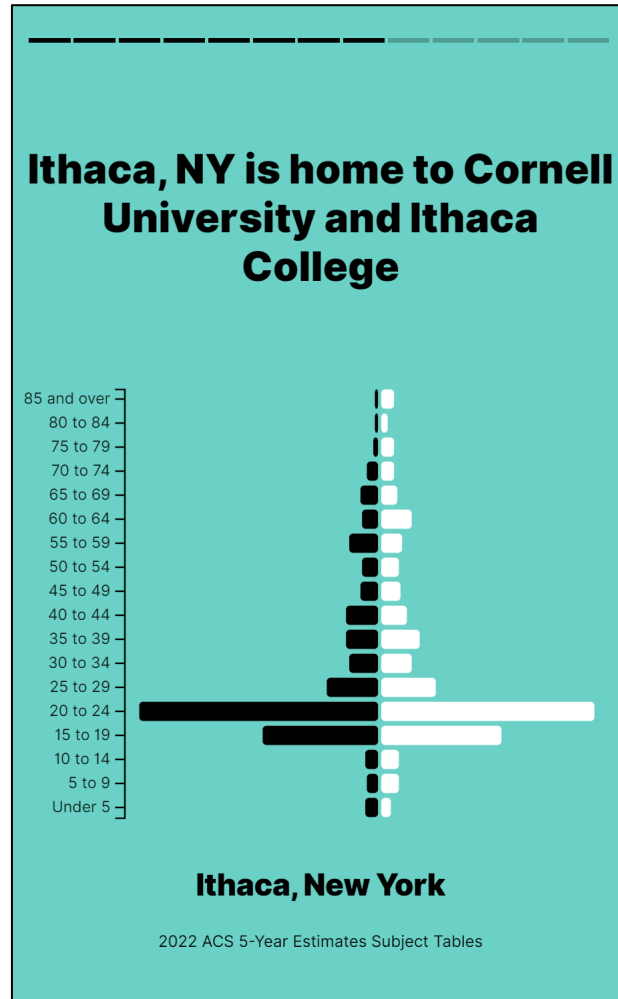
# Learn to Read Population Pyramids

- The app first teaches you how to read a population pyramid



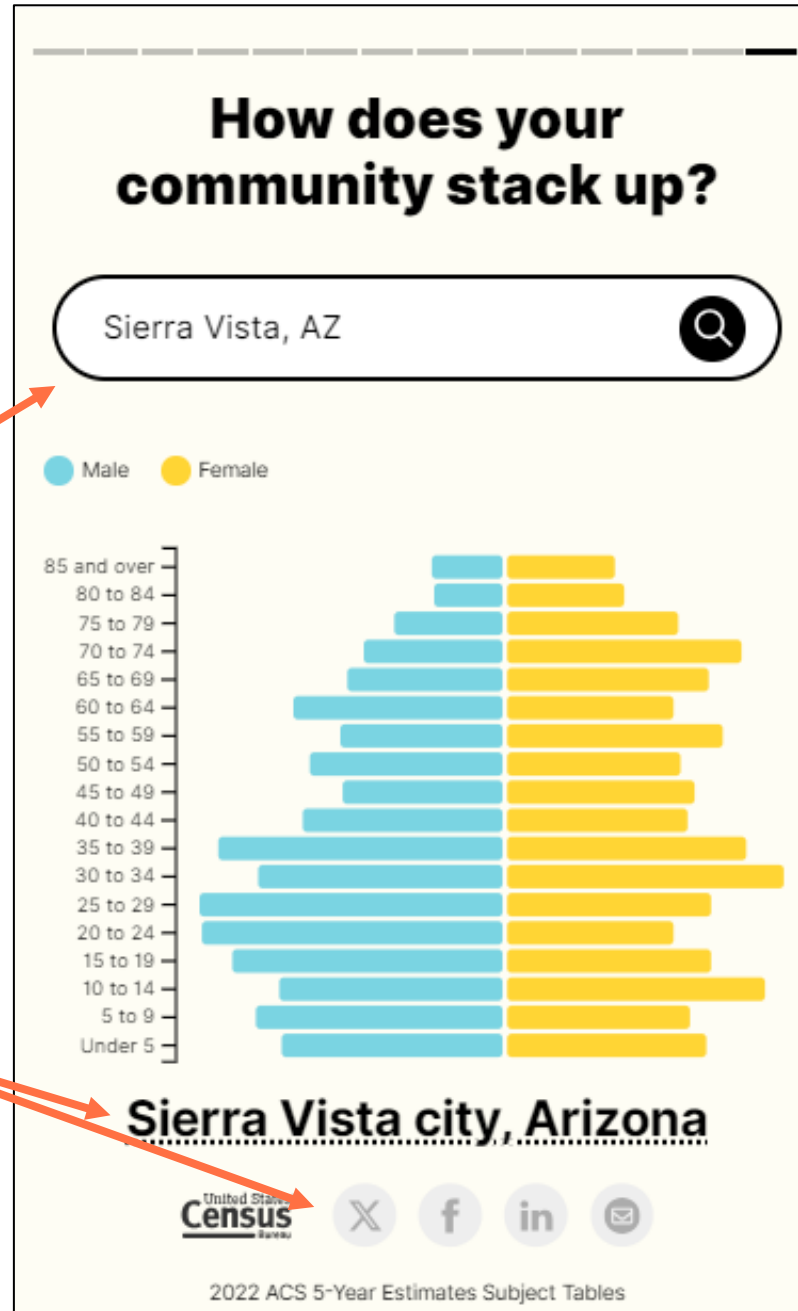
# View Population Pyramids for Different Communities

- The app shows examples of pop pyramids that tell you about different types of communities at a glance



# Use Interactive Widget

- An interactive widget at the end allows you to search for a population pyramid for your area
- Type **Sierra Vista, AZ** in the search bar and press enter
- View the population pyramid for Austin
- Use the options at the bottom to open a Profile for Sierra Vista or to share the pyramid



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# GEOINFO Table

Metropolitan/Micropolitan Statistical Area >

Census Tract >

Block >

Block Group >

All Geographies >

Topics >

Surveys

**Geography >**

Years

2023

123 Codes

Industry Codes (NAICS) >

Product and Service Code >

Commodity Codes >

Material/Fuel >

**Select Geography**

Search Geography

Geography Information

## Tables

View: 10 | 25 | 50

Geography

**GEOINFO** | Annual Geographic Information Table

2023: GEO Geography Information

All **Tables** Maps Profiles Pages Apps Help FAQ Feedback

**GEOINFO** | Annual Geographic Information Table

Geography | 2023: GEO Geography Information

Notes Geos Topics Codes Year Columns Filters Restore Excel CSV More Tools

Geographic Area Name	Area (Land, in square meter...	Area (Water, in square met...	Area (Land, in square miles)	Area (Water, in square miles)	Internal Point (Lati
Apache County, Arizona	29,003,497,251	54,139,714	11,198.313	20.903	35.:
Cochise County, Arizona	16,083,471,945	17,648,749	6,209.863	6.814	31.
Coconino County, Arizona	48,216,132,682	116,637,123	18,616.354	45.034	35.
Gila County, Arizona	12,322,068,647	96,466,819	4,757.578	37.246	33.
Graham County, Arizona	11,970,605,959	47,476,264	4,621.877	18.331	32.
Greenlee County, Arizona	4,772,927,116	11,947,401	1,842.838	4.613	33.:
La Paz County, Arizona	11,646,086,556	36,514,346	4,496.579	14.098	33.
Maricopa County, Arizona	23,833,110,838	62,124,435	9,202.016	23.986	33.
Mohave County, Arizona	34,530,024,142	333,399,390	13,332.117	128.726	35.
Navajo County, Arizona	25,769,065,747	24,121,095	9,949.492	9.313	35.
Pima County, Arizona	23,798,578,895	5,112,015	9,188.683	1.974	32.
Pinal County, Arizona	13,899,613,086	20,747,212	5,366.671	8.011	32.

Filters Columns Pivot Cell/Column Notes

1 to 15 of 15 Page 1 of 1

# Upcoming Enhancements

- Implement:
  - More User Feedback
  - Additional Visualizations
  - New Apps
- MDAT Design Updates

# MDAT Design Updates

- MDAT design updates to provide consistent look and feel with the rest of data.census.gov

The screenshot shows the 'Select a Dataset & Vintage' page. At the top is the United States Census Bureau logo. Below the logo is a navigation bar with tabs for 'Dataset', 'Variables', 'Cart', 'Table', 'Chart', and 'Map'. The 'Dataset' tab is selected. The main heading is 'Select a Dataset & Vintage'. Below this, there are two dropdown menus: 'Select a Dataset:' with the selected value 'ACS 1-Year Estimates Public Use Microdata Sample' and 'Select a Vintage:' with the selected value '2022'.

The screenshot shows the 'Variables' page for the 'ACS 1-Year Estimates Public Use Microdata Sample (2022)'. At the top is the United States Census Bureau logo. Below the logo is a navigation bar with tabs for 'Dataset', 'Variables', 'Cart', 'Table', 'Chart', and 'Map'. The 'Variables' tab is selected. The main heading is 'Dataset: ACS 1-Year Estimates Public Use Microdata Sample (2022)'. Below this, there is a 'SELECT GEOGRAPHIES' button, a 'Filter by Topic: -- All Topics --' dropdown, and a note 'Select at least one variable to start'. Below this is a table of variables with columns for 'Variable', 'Label', 'Value Count', and 'Type'. The table lists 13 variables, including AGEP, DRIVESP, FPARC, GRPIP, JWAP, JWDP, JWMNP, JWRIP, MV, NATIVITY, and NOP. At the bottom, there is a 'Showing 219 of 522 variables' text, a 'CHANGE DATASET' button, and a 'VIEW TABLE' button.

Variable	Label	Value Count	Type
> AGEP	Age	2	Estimate
> DRIVESP	Number of vehicles calculated from JWRI	7	Estimate
> FPARC	Family presence and age of related children	5	Recodes
> GRPIP	Gross rent as a percentage of household income past ...	3	Estimate
> JWAP	Time of arrival at work - hour and minute	286	Edited Items
> JWDP	Time of departure for work - hour and minute	151	Estimate
> JWMNP	Travel time to work	2	Estimate
> JWRIP	Vehicle occupancy	11	Estimate
> MV	When moved into this house or apartment	8	Estimate
> NATIVITY	Nativity	2	Edited Items
> NOP	Nativity of parent	9	Recodes

## Finding Detailed DHC-B Data in data.census.gov

- Getting Started: Detailed DHC-B Default Tables
- Selecting Multiple Geographies: [Mexican population for all counties in Arizona](#)
- Selecting Multiple Population Groups: [All available Black or African American alone or in any combination groups in Pinal County, AZ](#)

## Finding Supplemental DHC Data in data.census.gov

- Getting Started: [Table PH2, Household Type for the Population in Households, for Arizona](#)

Resources

## Finding Detailed DHC-B Data in data.census.gov

- Getting Started: Detailed DHC-B Default Tables
- Selecting Multiple Geographies: Mexican population for all counties in Arizona
- Selecting Multiple Population Groups: All available Black or African American alone or in any combination groups in Pinal County, AZ

## Finding Supplemental DHC Data in data.census.gov

- Getting Started: Table PH2, Household Type for the Population in Households, for Arizona

## Resources

# 2020 Census Detailed Demographic and Housing Characteristics File B

2020 Census Product Released August 1, 2024:

- Detailed Demographic and Housing Characteristics File B (Detailed DHC-B)

Groups: Approximately 1,500 detailed groups

- Detailed racial and ethnic groups
- Detailed American Indian and Alaska Native tribes and villages

## 2020 Census Detailed Demographic and Housing Characteristics File B Press Kit

July 09, 2024

Share   

The 2020 Census Detailed Demographic and Housing Characteristics File B (Detailed DHC-B) includes the following:

- Subjects: Household type and tenure information for approximately 1,500 detailed race and ethnicity groups, including American Indian and Alaska Native (AIAN) tribes and villages.
- 2020 geographies: Nation, state, county, places (cities and towns), census tracts, and American Indian and Alaska Native (AIANNH) areas.



[census.gov/newsroom/press-kits/2024/2020-detailed-dhc-file-b.html](https://www.census.gov/newsroom/press-kits/2024/2020-detailed-dhc-file-b.html)

# 2020 Census Detailed Demographic and Housing Characteristics File B

## Subjects

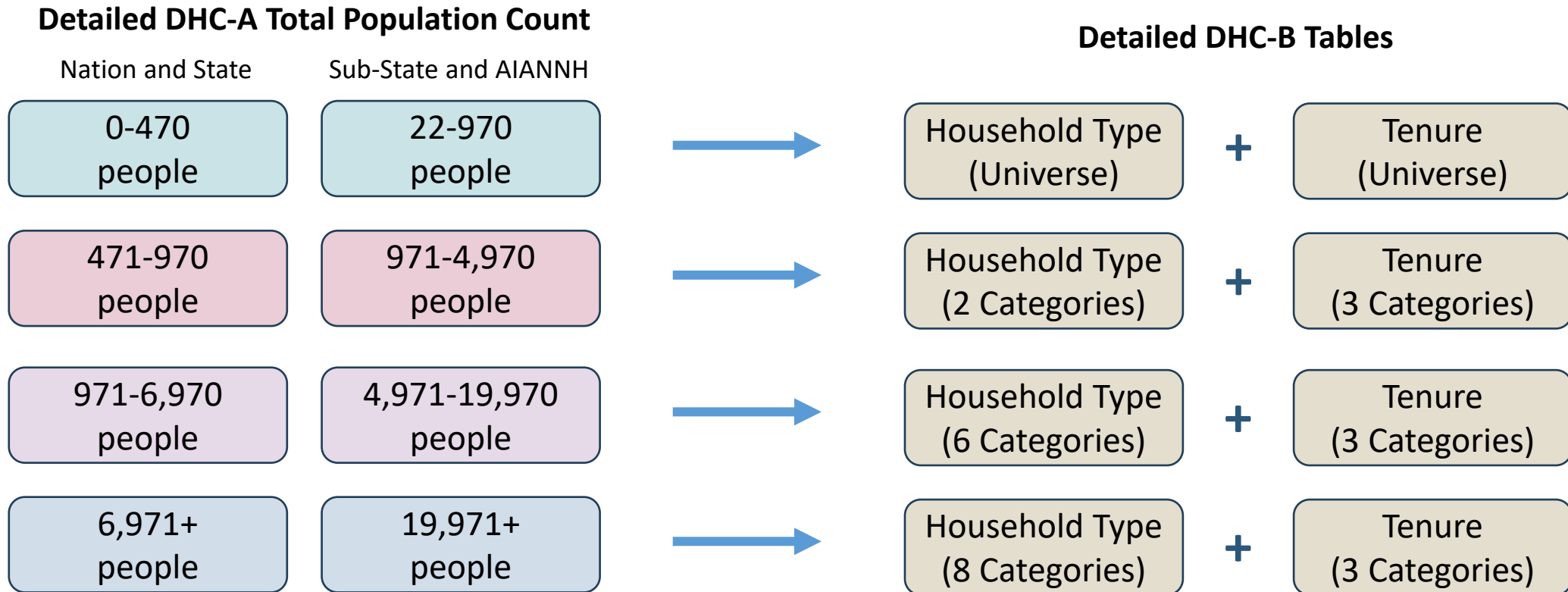
- Household Type
  - Family Households
  - Nonfamily Households
- Tenure
  - Whether the home is owned or rented

Detail depends on the total population of the group and the geographic level.

## Geography

- Nation
- States
- Counties
- Census tracts
- Places
- American Indian/Alaska Native/Native Hawaiian (AIANNH) areas

# Detailed Group Thresholds



Notes:

- AIANNH is American Indian/Alaska Native/Native Hawaiian areas.
- Substate includes county, place, and census tract.

Source: U.S. Census Bureau



# Tables available with the Detailed DHC-B:

Decennial Census <b>T03001</b>   HOUSEHOLD TYPE (UNIVERSE) 2020: DEC Detailed Demographic and Housing Characteristics File B
Decennial Census <b>T03002</b>   HOUSEHOLD TYPE (2 CATEGORIES) 2020: DEC Detailed Demographic and Housing Characteristics File B
Decennial Census <b>T03003</b>   HOUSEHOLD TYPE (6 CATEGORIES) 2020: DEC Detailed Demographic and Housing Characteristics File B
Decennial Census <b>T03004</b>   HOUSEHOLD TYPE (8 CATEGORIES) 2020: DEC Detailed Demographic and Housing Characteristics File B
Decennial Census <b>T04001</b>   TENURE (UNIVERSE) 2020: DEC Detailed Demographic and Housing Characteristics File B
Decennial Census <b>T04002</b>   TENURE (3 CATEGORIES) 2020: DEC Detailed Demographic and Housing Characteristics File B

The screenshots show the following tables and their default population groups:

- T03001 | HOUSEHOLD TYPE (UNIVERSE)**: Default population group is "United States".
- T03002 | HOUSEHOLD TYPE (2 CATEGORIES)**: Default population group is "United States".
- T03003 | HOUSEHOLD TYPE (6 CATEGORIES)**: Default population group is "United States".
- T03004 | HOUSEHOLD TYPE (8 CATEGORIES)**: Default population group is "United States".
- T04001 | TENURE (UNIVERSE)**: Default population group is "United States".
- T04002 | TENURE (3 CATEGORIES)**: Default population group is "United States".

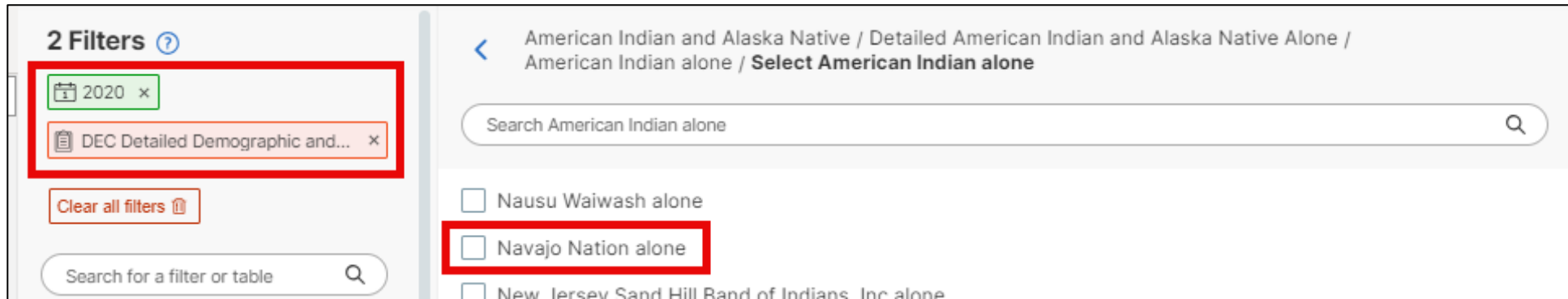
Orange arrows in the image point to the "European alone" row in the "Total" section of each of these tables, indicating that this specific population group is highlighted for each table.

- Each defaults to a specific population group
- Note that each table is available for more than just the single default population group shown

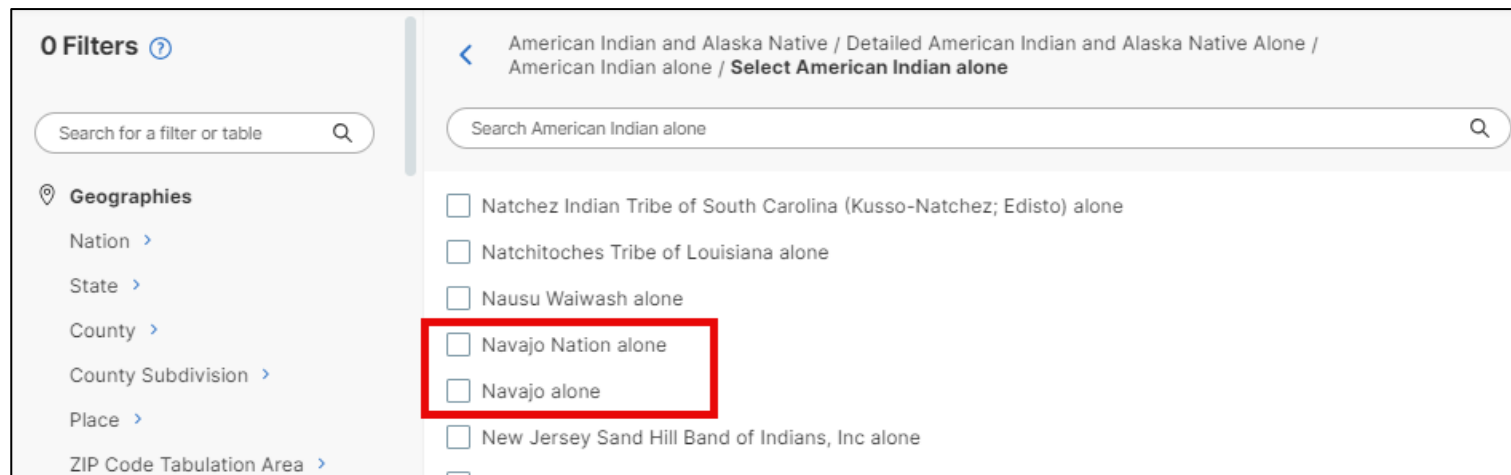


# Ensure Race/Ethnicity Filters Are Compatible with Detailed DHC-B

Tip: Select the year and survey filters *before* selecting race/ethnicity filters



If you try to select race and ethnicity filters first, you will see all possible options. Filters can change over time:  
Example: “Navajo alone” is for 2000 Census data; “Navajo Nation alone” is for 2020 Census data



## Finding Detailed DHC-B Data in data.census.gov

- Getting Started: Detailed DHC-B Default Tables
- Selecting Multiple Geographies: **Mexican population for all counties in Arizona**
- Selecting Multiple Population Groups: All available Black or African American alone or in any combination groups in Pinal County, AZ

## Finding Supplemental DHC Data in data.census.gov

- Getting Started: Table PH2, Household Type for the Population in Households, for Arizona

## Resources

# Open the Filter Panel



An official website of the United States government [Here's how you know](#) ▾

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

# Explore Census Data

Learn about America's People, Places, and Economy

Find Tables, Maps, and more...

Help Feedback **Advanced Search**

- Select **Advanced Search** to open the filter panel

# Select Year: 2020

- Select **2020** under the Years heading

The screenshot shows the United States Census Bureau website. At the top, there is a navigation bar with the United States flag, the text "An official website of the United States government", and a link "Here's how you know". Below this is the "United States Census Bureau" logo. A search bar is located in the top right, with a "Search" button and a "Advanced Search" link. The main navigation menu includes "All", "Tables", "Maps", "Profiles", and "Pages". On the right side of the navigation bar, there are links for "Apps", "Help", "FAQ", and "Feedback".

The "Years" filter menu is open on the left side of the page. It contains a list of years from 2013 to 2100. The year 2020 is selected, indicated by a blue checkmark in a box. An orange arrow points from the text "Select 2020 under the Years heading" to the 2020 checkbox. The 2020 checkbox is also highlighted with a red rectangular box. The main content area of the page displays "Advanced Search" and a message: "Please select a filter to begin exploring U.S. Census Bureau data." A blue "SEARCH" button is located at the bottom right of the page.

# Select Survey: Detailed Demographic and Housing Characteristics File B

- Select **Decennial Census** under the Surveys heading
- Select **Detailed Demographic and Housing Characteristics File B**

The screenshot displays the Census Bureau's navigation interface. On the left sidebar, the 'Surveys' section is expanded, and 'Decennial Census' is highlighted with a red box. An orange arrow points from this box to the 'Detailed Demographic and Housing Characteristics File B' option in the main content area. The main content area is titled 'Select Decennial Census' and features a search bar. Below the search bar, the 'Detailed Demographic and Housing Characteristics File B' option is selected, indicated by a blue checkmark and a red box. Other options visible in the sidebar include 'Block Group', 'All Geographies', 'Topics' (with sub-items like 'Families and Living Arrangements', 'Housing', 'Populations and People', 'Race and Ethnicity'), 'Years' (with '2020' selected), and 'Codes' (with 'Industry Codes (NAICS)' and 'Product and Service Codes' listed).

# Select Geography

- Select **County** under the Geography heading
- Select Arizona > **All Counties in Arizona**

The screenshot shows the United States Census Bureau website interface. At the top, there is a search bar and navigation links for 'All', 'Tables', 'Maps', 'Profiles', and 'Pages'. The main content area is titled 'Arizona / Select County' and includes a search bar for counties. A list of counties is displayed, with 'All Counties within Arizona' selected and highlighted with a red box. The left sidebar shows a '3 Filters' section with filters for '2020', 'DEC Detailed Demographic and...', and 'All Counties within Arizona'. Below the filters is a 'Geographies' section with a tree view where 'County' is selected and highlighted with a red box. An orange arrow points from the 'County' heading in the sidebar to the 'All Counties within Arizona' option in the main content area.

# Select Population Group

- Select **Race and Ethnicity** under the Topics heading
- Select **Hispanic or Latino**

The screenshot displays the 'Select Race and Ethnicity' interface. On the left sidebar, the 'Topics' section is expanded, and 'Race and Ethnicity' is highlighted with a red box. An orange arrow points from the text 'Select Race and Ethnicity under the Topics heading' to this box. Another orange arrow points from the text 'Select Hispanic or Latino' to the 'Hispanic or Latino' option in the main content area, which is also highlighted with a red box. The main content area lists various race and ethnicity categories: American Indian and Alaska Native, Asian, Black or African American, Hispanic or Latino, Native Hawaiian and Other Pacific Islander, Some Other Race, and White. At the bottom, there is a checkbox for 'All available races' which is currently unchecked. A search bar is located at the top of the main content area.



# Select Population Group

- Select Detailed Hispanic or Latino → Mexican → **Mexican**

The image shows three overlapping screenshots of the US Census Bureau's selection interface. The top-left screenshot shows the 'Hispanic or Latino / Select Hispanic or Latino' screen with a search bar and a red box around 'Detailed Hispanic or Latino >'. The middle screenshot shows the 'Hispanic or Latino / Detailed Hispanic or Latino / Select Detailed Hispanic or Latino' screen with a search bar and a red box around 'Mexican >'. The bottom-right screenshot shows the 'Hispanic or Latino / Detailed Hispanic or Latino / Mexican / Select Mexican' screen with a search bar and a red box around the checked 'Mexican' option.

# Run Search

- Verify filters and click Search

The screenshot shows the United States Census Bureau search interface. At the top left is the logo for the United States Census Bureau. A search bar at the top center contains the text "Search" and includes icons for location, microphone, and a search icon. To the right of the search bar is the text "Advanced Search". Below the search bar are navigation tabs: "All", "Tables", "Maps", "Profiles", and "Pages". On the far right are links for "Apps", "Help", "FAQ", and "Feedback".

On the left side, there is a "4 Filters" section with a question mark icon. It contains four filter tags: "2020", "DEC Detailed Demographic and...", "All Counties within Arizona", and "Mexican". Below these is a "Clear all filters" button and a search box for filters with the text "Search for a filter or table". Underneath is a "Geographies" section with a list of categories: "Nation", "State", "County", "County Subdivision", and "Place", each with a right-pointing arrow.

The main content area shows a breadcrumb trail: "Hispanic or Latino / Detailed Hispanic or Latino / Mexican / **Select Mexican**". Below this is a search box labeled "Search Mexican" and a checked checkbox for "Mexican".

An orange arrow points from the "Verify filters and click Search" text to a red-bordered "SEARCH" button located in the bottom right corner of the interface.

# View Results: Household Type and Tenure

- Click **Tables** at the top
- Navigate through the 4 available tables. These tables look at households where the householder is Mexican.

The screenshot shows the United States Census Bureau data viewer interface. At the top, there is a search bar and navigation tabs for 'All', 'Tables', 'Maps', 'Profiles', and 'Pages'. The 'Tables' tab is highlighted with a red box and an orange arrow pointing to it from the first bullet point. Below the navigation, there are icons for 'Filters' (4), 'Results' (6), 'Notes', 'Geos' (1), 'Topics' (1), 'Codes' (123), 'Year' (1), and 'More Tools'. The main content area displays search results for 'T03002 | HOUSEHOLD TYPE (2 CATEGORIES)'. The results list four tables, with the second one, 'T03002 | HOUSEHOLD TYPE (2 CATEGORIES)', highlighted in blue. A red box surrounds the entire results list area. The selected table is expanded to show a data table with columns for 'Apache County, Arizona', 'Greenlee County, Arizona', and 'La Paz County, Arizona', and rows for 'Total', 'Family households', and 'Nonfamily households'. The data is filtered for 'Mexican' households.

Label	Apache County, Arizona			Greenlee County, Arizona			La Paz County, Arizona		
	Mexican			Mexican			Mexican		
▼ Total:	762			1,351			1,138		
Family households	539			924			858		
Nonfamily households	223			427			280		

## Finding Detailed DHC-B Data in data.census.gov

- Getting Started: Detailed DHC-B Default Tables
- Selecting Multiple Geographies: Mexican population for all counties in Arizona
- Selecting Multiple Population Groups: All available Black or African American alone or in any combination groups in Pinal County, AZ

## Finding Supplemental DHC Data in data.census.gov

- Getting Started: Table PH2, Household Type for the Population in Households, for Arizona

## Resources

# Open the Filter Panel



- Select **Advanced Search** to open the filter panel

# Select Year: 2020

- Select **2020** under the Years heading

The screenshot shows the United States Census Bureau website interface. At the top, there is a search bar and navigation links for 'All', 'Tables', 'Maps', 'Profiles', and 'Pages'. Below the search bar, there is a 'Years' filter menu with a list of years from 2013 to 2100. The year 2020 is selected, indicated by a blue checkmark and a red rectangular highlight. An orange arrow points from the text 'Select 2020 under the Years heading' to the 2020 checkbox. The main content area displays 'Advanced Search' with the instruction 'Please select a filter to begin exploring U.S. Census Bureau data.' A blue 'SEARCH' button is located at the bottom right of the page.

# Select Survey: Detailed Demographic and Housing Characteristics File B

- Select **Decennial Census** under the Surveys heading
- Select **Detailed Demographic and Housing Characteristics File B**

The screenshot displays the Census Bureau's navigation interface. On the left, a sidebar menu is visible with the following sections: 'Block Group', 'All Geographies', 'Topics' (including Families and Living Arrangements, Housing, Populations and People, Race and Ethnicity), 'Surveys' (with 'Decennial Census' highlighted and boxed in red), 'Years' (with '2020' checked), and 'Codes' (including Industry Codes and Product and Service Codes). On the right, the 'Select Decennial Census' panel features a search bar and a list of survey options. The option 'Detailed Demographic and Housing Characteristics File B' is checked with a blue box and highlighted with a red border. An orange arrow points from the 'Decennial Census' menu item to the selected survey option.

# Select Geography

- Select **County** under the Geography heading
- Select **Arizona**
- Select **Pinal County, Arizona**

The screenshot shows the 'Select Geography' interface on the United States Census Bureau website. The top navigation bar includes 'All', 'Tables', 'Maps', 'Profiles', and 'Pages'. The left sidebar contains a 'Geography' section with options: Nation, State, County (highlighted with a red box), County Subdivision, Place, ZIP Code Tabulation Area, Metropolitan/Micropolitan Statistical Area, Census Tract, Block, Block Group, and All Geographies. Below this is a 'Topics' section with options: Populations and People, Race and Ethnicity, and Surveys (Decennial Census). The main content area shows a breadcrumb 'County / Select State' and a search bar 'Search State'. A list of states is displayed, with 'Arizona' highlighted by a red box. The right sidebar shows a breadcrumb 'Arizona / Select County' and a search bar 'Search County'. A list of Arizona counties is displayed, with 'Pinal County, Arizona' checked and highlighted by a red box. The United States Census Bureau logo is in the bottom left corner.





# Select Population Group

- Select **Race and Ethnicity** under the Topics heading
- Select **Black or African American**
- Select **Detailed Black or African American Alone or in Any Combination**
- Check the box for **All available detailed Black or African American alone or in any combination races**

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

Search

All Tables Maps Profiles Pages

Block >

Block Group >

All Geographies >

Topics

Families and Living Arrangements >

Housing >

Populations and People >

**Race and Ethnicity >**

Surveys

Decennial Census >

Years

2020

Codes

Industry Codes (NAICS) >

Select Race and Ethnicity

Search Race and Ethnicity

American Indian and Alaska Native >

Asian >

**Black or African American >**

Black or African American / **Select Black or African American**

Search Black or African American

Detailed Black or African American Alone >

**Detailed Black or African American Alone or in Any Combination >**

All available detailed Black or African American

Black or African American / Detailed Black or African American Alone or in Any Combination / **Select Detailed Black or African American Alone or in Any Combination**

Search Detailed Black or African American Alone or in Any Combination

Caribbean alone or in Any Combination >

Other Black or African American alone or in Any Combination >

Sub-Saharan African alone or in any combination >

**All available detailed Black or African American alone or in any combination races**

African American alone or in any combination

# Run Search

- Verify filters and click **Search**

The screenshot displays the United States Census Bureau search interface. At the top left is the logo for the United States Census Bureau. A search bar is located at the top center, with a search icon to its right. To the right of the search bar are icons for location, microphone, and a magnifying glass, followed by the text "Advanced Search". Below the search bar are navigation tabs: "All", "Tables", "Maps", "Profiles", and "Pages". On the far right, there are links for "Apps", "Help", "FAQ", and "Feedback".

On the left side, there is a "4 Filters" section. It contains four filter items: "2020", "DEC Detailed Demographic and...", "Pinal County, Arizona", and "All available detailed Black or Af...". Below these is a "Clear all filters" button and a search box for filters with the text "Search for a filter or table". Underneath is a "Geographies" section with links for "Nation", "State", "County", "County Subdivision", and "Place".

The main content area shows a breadcrumb trail: "Black or African American / Detailed Black or African American Alone or in Any Combination / Select Detailed Black or African American Alone or in Any Combination". Below this is a search box with the text "Search Detailed Black or African American Alone or in Any Combination". A list of race categories follows: "Caribbean alone or in Any Combination", "Other Black or African American alone or in Any Combination", "Sub-Saharan African alone or in any combination", "All available detailed Black or African American alone or in any combination races" (which is checked), and "African American alone or in any combination".

An orange arrow points from the "Verify filters and click Search" instruction to the "SEARCH" button in the bottom right corner, which is highlighted with a red border.

# View Results: Household Type

- Click **Tables** at the top
- View **T03001 | Household Type (Universe)**

The screenshot shows the United States Census Bureau data viewer interface. At the top, there is a search bar and navigation tabs for 'All', 'Tables', 'Maps', 'Profiles', and 'Pages'. The 'Tables' tab is selected and highlighted with a red box. Below the search bar, there are filters for 'Decennial Census', 'Universe: Households', and '2020: DEC Detailed Demographic and Housing Characteristics ...'. On the left side, there is a 'Results' panel showing 6 results. The first result, 'T03001 | HOUSEHOLD TYPE (UNIVERSE)', is highlighted with a red box. Below the results, there is a table for 'Pinal County, Arizona' with columns for 'Sub-Saharan African alone or in any combination', 'Cameroonian alone or in any combination', 'Congolese alone or in any combination', and 'Ethiopian alone or in any combination'. The table shows the following data:

Label	Sub-Saharan African alone or in any combination	Cameroonian alone or in any combination	Congolese alone or in any combination	Ethiopian alone or in any combination
Total	419	30	7	

# View Results: Household Type

- If we view **T03002, T03003 and T03004**, we will see data only for population groups that meet the threshold for publication. This availability is based on the detailed Black or African American race groups present in Pinal County.

United States®  
Census Bureau

Search [ ] Advanced Search

All **Tables** Maps Profiles Pages

**T03002** | HOUSEHOLD TYPE (2 CATEGORIES)

Decennial Census | Universe: Households | 2020: DEC Detailed Demographic and Housing Characteristics ...

Notes | Geos | Topics | 123 | Year | More Tools

6 Results

View: 10 | 25 | 50

Download Table Data

Decennial Census  
**T03001** | HOUSEHOLD TYPE (UNIVERSE)  
2020: DEC Detailed Demographic and Housing Characteristics File B

Decennial Census  
**T03002** | HOUSEHOLD TYPE (2 CATEGORI...  
2020: DEC Detailed Demographic and Housing Characteristics File B

Decennial Census  
**T03003** | HOUSEHOLD TYPE (6 CATEGORI...  
2020: DEC Detailed Demographic and Housing Characteristics File B

Decennial Census  
**T03004** | HOUSEHOLD TYPE (8 CATEGORI...  
2020: DEC Detailed Demographic and Housing Characteristics File B

Label	Pinal County, Arizona	
	Jamaican alone or in any co...	Other Black or African Ame...
✓ Total:	106	2,824
Family households	67	2,052
Nonfamily households	39	772

# Where Can I Learn More About 2020 Census Detailed DHC-B?

## 2020 Census Detailed Demographic and Housing Characteristics File B Press Kit

July 09, 2024

Share   

The 2020 Census Detailed Demographic and Housing Characteristics File B (Detailed DHC-B) includes detailed data tables on the following:

- Subjects: Household type and tenure information for approximately 1,500 detailed race and ethnicity groups and detailed American Indian and Alaska Native (AIAN) tribes and villages.
- 2020 geographies: Nation, state, county, places (cities and towns), census tracts, and American Indian/Alaska Native/Native Hawaiian (AIANNH) areas.

### Includes:

- Understand the Detailed DHC-B Blog post
- Pre-Release Webinar Recording
- Technical Documentation
- Iteration/Code Lists and Crosswalks
- How-To Materials
- Related Helpful Links

[census.gov/newsroom/press-kits/2024/2020-detailed-dhc-file-b.html](https://www.census.gov/newsroom/press-kits/2024/2020-detailed-dhc-file-b.html)

# data.census.gov DEMO

## Finding Detailed DHC-B Data in data.census.gov

- Getting Started: Detailed DHC-B Default Tables
- Selecting Multiple Geographies: Mexican population for all counties in Arizona
- Selecting Multiple Population Groups: All available Black or African American alone or in any combination groups in Pinal County, AZ

## Finding Supplemental DHC Data in data.census.gov

- Getting Started: [Table PH2, Household Type for the Population in Households, for Arizona](#)

## Resources

# Supplemental Demographic and Housing Characteristics File (S-DHC)

2020 Census Product released on September 19:




- Provides counts of people and children in households and average household size by certain characteristics. Many tables are repeated by race and ethnicity.
- Available by nation and state.

// [Census.gov](#) / [Newsroom](#) / [Press Kits](#) / 2020 Census Supplemental Demographic and Housing Characteristics File

## 2020 Census Supplemental Demographic and Housing Characteristics File Press Kit

September 19, 2024

The 2020 Census Supplemental Demographic and Housing Characteristics File (S-DHC) tables reflect especially complex relationships between the characteristics about households and the people living in them. The S-DHC provides average household size and counts of people living in certain types of households. Most of the tables are also available by race and Hispanic origin. The product supplements data about households and people published in the [DHC](#).

Share   

- Subjects: Data that combine characteristics about households and the people living in them, including the total population in households, average household size by age and tenure, average family size, household and family type for people under 18 years old, and total population in households by tenure.

<https://www.census.gov/newsroom/press-kits/2024/2020-census-supplemental-dhc.html>

# Supplemental Demographic and Housing Characteristics File (S-DHC)

## Subjects

- Average household size by age\*
- Household type for the population in households
- Population under the age of 18 years by relationship and household type\*
- Population in families by age\*
- Average family size by age\*
- Family type and age for own children under 18 years
- Total population in occupied housing units by tenure\*
- Average household size of occupied housing units by tenure\*

\*Indicates the table is repeated by major Hispanic origin and race groups



# Open the Filter Panel



- Select **Advanced Search** to open the filter panel

# Select Year: 2020

- Select **2020** under the Years heading

The screenshot shows the United States Census Bureau website. At the top, there is a navigation bar with the logo, a search bar, and links for 'Advanced Search', 'All', 'Tables', 'Maps', 'Profiles', 'Pages', 'Apps', 'Help', 'FAQ', and 'Feedback'. Below the navigation bar, there is a 'Years' filter menu on the left side. The menu is titled 'Years' and contains a list of years from 2013 to 2100. The year 2020 is selected, indicated by a blue checkmark in a box. An orange arrow points from the text 'Select 2020 under the Years heading' to the 2020 checkbox. The main content area on the right is titled 'Advanced Search' and contains the text 'Please select a filter to begin exploring U.S. Census Bureau data.' At the bottom right, there is a blue 'SEARCH' button.

# Select Survey: Supplemental Demographic and Housing Characteristics

- Select **Decennial Census** under the Surveys heading
- Select **Supplemental Demographic and Housing Characteristics File**

The screenshot displays the United States Census Bureau website interface. The top navigation bar includes the logo, a search bar, and links for 'All', 'Tables', 'Maps', 'Profiles', and 'Pages'. The left sidebar contains a list of categories: 'Block Group', 'All Geographies', 'Topics' (with sub-items: Families and Living Arrangements, Housing, Populations and People, Race and Ethnicity), 'Surveys' (with 'Decennial Census' highlighted), 'Years' (with '2020' checked), and 'Codes' (with sub-items: Industry Codes (NAICS), Product and Service Codes). The main content area is titled 'Select Decennial Census' and features a search bar. Below the search bar, the option 'Supplemental Demographic and Housing Characteristics File' is selected, indicated by a checked checkbox and a red rectangular highlight. An orange arrow points from the text 'Select Supplemental Demographic and Housing Characteristics File' to this option. Another orange arrow points from the text 'Select Decennial Census under the Surveys heading' to the 'Decennial Census' item in the sidebar.

# Select Geography

- Select **State** under the Geography heading
- Select **Arizona**

The screenshot displays the 'Select State' interface. On the left, a sidebar titled 'Geographies' contains a search bar and a list of geographic levels: Nation, State (highlighted in blue), County, County Subdivision, Place, ZIP Code Tabulation Area, Metropolitan/Micropolitan Statistical Area, Census Tract, Block, Block Group, and All Geographies. An orange arrow points from the 'State' option in the sidebar to the 'Select State' panel. The 'Select State' panel features a search bar and a list of states with checkboxes. The 'Arizona' option is checked and highlighted with a red box. Other states listed include All States within United States, Puerto Rico, and the Island Areas, Alabama, Alaska, Arkansas, California, Colorado, Connecticut, Delaware, and District of Columbia.

# Select Topic

- Select **Housing** under the Topics heading
- Select **Housing**

The screenshot displays the United States Census Bureau website interface. At the top left is the logo for the United States Census Bureau. A search bar is located at the top right, with a microphone icon and a magnifying glass icon, and the text "Advanced Search". Below the search bar are navigation tabs: "All", "Tables", "Maps", "Profiles", and "Pages".

The main content area is divided into two sections. On the left is a sidebar with a "Topics" heading. Under "Topics", there are several categories: "All Geographies", "Families and Living Arrangements", "Housing", "Populations and People", "Race and Ethnicity", "Surveys", "Decennial Census", "Years", and "Codes". The "Housing" category is highlighted with a blue background. On the right is the "Select Housing" section. It has a search bar labeled "Search Housing". Below the search bar is the "Occupancy Characteristics" section, which contains a checked checkbox next to the word "Housing".

# Run Search

- Verify filters and click **Search**

The screenshot shows the United States Census Bureau search interface. At the top left is the logo. A search bar is at the top center with a magnifying glass icon and the text "Advanced Search". Below the search bar are navigation tabs: "All", "Tables", "Maps", "Profiles", and "Pages". On the right side, there are links for "Apps", "Help", "FAQ", and "Feedback".

On the left side, there is a "4 Filters" section with a question mark icon. It contains four filter tags: "2020", "DEC Supplemental Demographi...", "Arizona", and "Housing". Below these is a "Clear all filters" button. A search bar for filters is labeled "Search for a filter or table".

Below the filters is a "Geographies" section with a list of options: "Nation", "State", "County", "County Subdivision", "Place", "ZIP Code Tabulation Area", and "Metropolitan/Micropolitan".

In the center, there is a "Select Housing" section with a search bar labeled "Search Housing". Below it, under "Occupancy Characteristics", the "Housing" option is checked with a blue checkbox.

An orange arrow originates from the "Verify filters and click Search" bullet point and points to a blue "SEARCH" button located in the bottom right corner of the interface, which is highlighted with a red border.

# View Results: Household Type for the Population in Households

- Click **Tables** at the top
- Table **PH2** provides household type for the population in households for Arizona

The screenshot shows the United States Census Bureau website interface. The 'Tables' tab is selected and highlighted with a red box. The main content area displays the table 'PH2 | HOUSEHOLD TYPE FOR THE POPULATION IN HOUSEHOLDS' for Arizona. The table has columns for 'Label', 'ESTIMATED COUNT', '90% INTERVAL LOW', and '90% INTERVAL HIGH'. The data is as follows:

Label	ESTIMATED COUNT	90% INTERVAL LOW	90% INTERVAL HIGH
Total:	6,982,357	6,981,790	
In married couple household:	4,024,603	4,024,320	
Opposite-sex married couple	3,978,059	3,977,858	
Same-sex married couple	46,544	46,344	
In cohabiting couple household:	638,695	638,411	
Opposite-sex cohabiting couple	607,285	607,084	
Same-sex cohabiting couple	31,410	31,209	
Male householder, no spouse or partner present:	891,577	891,294	
Living alone	337,898	337,697	
Living with others	553,679	553,479	
Female householder, no spouse or partner present:	1,427,482	1,427,199	
Living alone	381,431	381,231	

# Where Can I Learn More About 2020 Census Supplemental DHC?

// Census.gov / Newsroom / Press Kits / 2020 Census Supplemental Demographic and Housing Characteristics File

## 2020 Census Supplemental Demographic and Housing Characteristics File Press Kit

September 19, 2024

The 2020 Census Supplemental Demographic and Housing Characteristics File (S-DHC) tables reflect especially complex relationships between the characteristics about households and the people living in them. The S-DHC provides average household size and counts of people living in certain types of households. Most of the tables are also available by race and Hispanic origin. The product supplements data about households and people published in the [DHC](#).

Share



- Subjects: Data that combine characteristics about households and the people living in them, including the total population in households, average household size by age and tenure, average family size, household and family type for people under 18 years old, and total population in households by tenure.

### Includes:

- Understand the S-DHC Blog post
- Pre-Release Webinar Recording
- Technical Documentation
- How-To Materials
- Related Helpful Links

<https://www.census.gov/newsroom/press-kits/2024/2020-census-supplemental-dhc.html>



# data.census.gov Resource Page

This screenshot shows the top portion of the data.census.gov website. At the top left is the United States Census Bureau logo. To its right is the text "An official website of the United States government" with a link "Here's how you know". The main navigation menu includes "About", "Events", "Releases", and "Guidance". A red button labeled "VISIT DATA.CENSUS.GOV" is in the top right. Below the navigation is a breadcrumb trail: "// Census.gov / Data / data.census.gov Resources". The main heading is "Explore Census Data" with the subtitle "Learn about America's People, Places, and Economy". A search bar contains the text "Find Tables, Maps, and more ...". A "Help" button is highlighted with a red box. Below the search bar is a promotional banner for "grocery stores" with the text "Try searching for grocery stores".



## View by Content

- |  |  |   |   |
|--|--|---|---|
| <a href="#">Frequently Asked Questions</a> | <a href="#">How-to Materials for Using data.census.gov</a> | <a href="#">How-to Materials for Using the Census API</a> | <a href="#">How-to Materials for Using the Microdata Access</a> |
| <a href="#">Video Tutorials</a>            | <a href="#">Webinars</a>                                   | <a href="#">Outreach</a>                                  | <a href="#">Workshops</a>                                       |
| <a href="#">Latest Data Releases</a>       | <a href="#">Upcoming Releases</a>                          | <a href="#">data.census.gov Updates</a>                   | <a href="#">Newsletter</a>                                      |
| <a href="#">About data.census.gov</a>      | <a href="#">Contact Us</a>                                 |   |   |

Within data.census.gov Resources

[2020 Releases](#)

[2021 Releases](#)

[2022 Releases](#)

[2023 Releases](#)

[2024 Releases](#)

# Latest Data Releases



Find out the latest news about data.census.gov, the Census API, and the Microdata Access, including the most recent data releases.

[2024](#) [2023](#) [2022](#) [2021](#) [2020](#)

## 2024

Find out the 2024 data releases about data.census.gov.

### September, 2024

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# Latest & Upcoming Releases

Within data.census.gov Resources

[data.census.gov Updates](#)

[Guidance for 2020 Redistricting Data Users](#)

[Guidance for Data Users](#)

[Latest Data Releases](#)

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# Upcoming Releases



Find out what datasets are coming soon to data.census.gov, the Census API, and the Microdata Access.

## 2020 Decennial Census



## American Community Survey Data Releases



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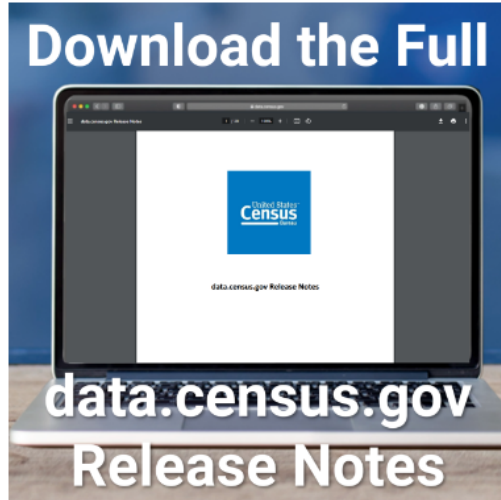
## Economic Census Release Information



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# Developmental & Latest Updates

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[2024](#) [2023](#) [2022](#) [2021](#) [2020](#)

### 2024

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⊖ **September**

On **September 4**, we released the following updates to the site:

- New ability to download table views in the profile and map views. These downloads include margins of error and any column sorting made to the display prior to downloading the table.

⤴  
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## How-to Materials for Using data.census.gov



Do you have questions on how to use data.census.gov? Check out our step-by-step guidance to learn how to navigate and find out about new functionality.

### Using data.census.gov

Using data.census.gov - Advanced Search [[1.0 MB](#)]

Using data.census.gov - All Results Page [[1.0 MB](#)]

Using data.census.gov - Copying Cells and Headers [[1.0 MB](#)]

Using data.census.gov - Customize Table [[1.1 MB](#)]

Using data.census.gov - ...

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### Flyers

Customize Table Ribbon [[1.0 MB](#)]

Getting Data for the Affirmative Fair Housing Marketing Plan [[2.8 MB](#)]

How Can I Match the GEOID from data.census.gov with the GEOID from the TIGER/Line Shapefiles? [[1.0 MB](#)]

How to Access Data for AIAN Population Groupings [[1.0 MB](#)]

How to Access Data for Congressional Districts [[1.0 MB](#)]

How to Access Data for State Legislative Districts [[1.0 MB](#)]

How to Access Economic Data Using data.census.gov [[1.0 MB](#)]

How to Access Geographic Comparison Tables [[1.0 MB](#)]

How to Download A Table as a CSV File [[1.1 MB](#)]

How to Export Tables and Copy Paste Cells [[1.0 MB](#)]

How to Export Tables and Copy Paste Cells [[1.1 MB](#)]

### Transition From American FactFinder

American FactFinder (AFF) was decommissioned and taken offline on March 31, 2020. Data previously released on AFF are now being released on the U.S. Census Bureau's new dissemination platform, data.census.gov. Since we are a developing site, not all the data from AFF have been migrated over to data.census.gov. Below is an overview of our data migration status that will be updated regularly.

### Data Availability

#### What data are available in data.census.gov?

We continue to migrate data from American FactFinder. See a list of datasets currently available in the platform.

AFF Data Sets Coming Soon to data.census.gov	Until then, find it here:
American Community Survey	<a href="#">Availability Spreadsheet</a>
2000 Decennial SF2, SF3, SF4, Redistricting Data (PL) and Year of Entry: Guam, American Samoa, and Northern Mariana Islands	<a href="#">FTP</a>

### Addressing TIGERweb

Addressing TIGERweb? [[1.1 MB](#)]

Addressing TIGERweb? [[1.8 MB](#)]

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# Guidance for Data Users

// Census.gov / Data / data.census.gov Resources / Guidance for Data Users / How-to Materials for Using the Microdata Access

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## How-to Materials for Using the Microdata Access



Do you have questions on how to use Microdata Access? Check out our step-by-step guidance to learn how to use Microdata Access to create your own tabulations.

- Using Microdata Access: With ACS 1-Year Estimates – Public Use Microdata Sample [1.5 MB]
- Using Microdata Access: How To Create Poverty Estimates From The CPS ASEC [2.4 MB]

### Featured Resource

## Data Dictionaries and Related Documentation

ACS PUMS Documentation

Basic Monthly CPS Data Dictionaries

CPS Annual Social and Economic (CPS ASEC) Supplement Documentation

CPS Supplement Documentation

Census Microdata API User Guide



## Transition from DataFerrett

DataFerrett was decommissioned and taken offline on June 30, 2020. Data previously available on DataFerrett are now being released on the U.S. Census Bureau's new dissemination platform, [Microdata Access](#). Since we are a developing site, not all the data from DataFerrett have been migrated over to [Microdata Access](#). Below is an overview of our data migration status that will be updated regularly.


## DataFerrett Data Sets Coming Soon to Microdata Access

### Survey of Income & Program Participation

Dataset	Vintage	Until Then, Find It Here:
Core and Topical Modules	1990 Panel	SIPP
Core and Topical Modules	1991 Panel	SIPP
Core and Topical Modules	1992 Panel	SIPP
Core and Topical Modules	1993 Panel	SIPP

## How to Use data.census.gov

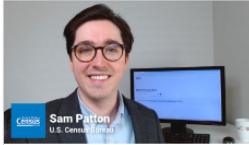
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**Video**

[Accessing 2020 Census Supplemental DHC Data on data.census.gov](#)

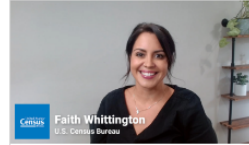
Learn how to access tables from the 2020 Census Supplemental Demographic and Housing Characteristics File on data.census.gov.



**Video**

[Mapping 2020 Census Supplemental DHC Data on data.census.gov](#)

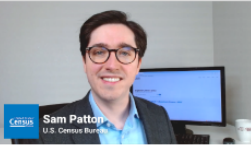
Learn how to map data from the 2020 Census Supplemental Demographic and Housing Characteristics File on data.census.gov.



**Video**

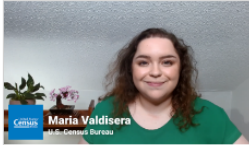
[Accessing 2020 Census Supplemental DHC Data: Download, Export, and Share](#)

Learn how to download, export, and share tables from the 2020 Census Supplemental Demographic and Housing Characteristics File on data.census.gov.




**Video**

[Comparing 2020 Census Supplemental DHC Data to 2010 Census Data](#)



**Video**

[How the Detailed DHC-B Adaptive Design Determines Data Availability](#)



**Video**

[Accessing 2020 Census Detailed DHC-B Data on data.census.gov](#)

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# Guidance for Data Users

// Census.gov / Data / data.census.gov Resources / Guidance for Data Users / How-to Materials for Using the Census API

## Within Guidance for Data Users

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## How-to Materials for Using the Census API

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Do you have questions on how to use the Census API? Check out our step-by-step guidance to learn how to use API to find the data you need. To learn more about the Census API, and to begin using it to locate data, visit our [API Developers page](#).

### Guidance for Developers

 [Census Data API Flyer](#) [< 1.0 MB]

This page provides developers and researchers on how to use the Census Data API and Census Microdata API from the Census API datasets.

### Census Data API User Guide

 This user guide is to install the Census Data API Programming Interface (Census Data API P...

## How to Extract Data from the Census API

### Redistricting Data Through the Census Data API: Single Estimates

Learn the core concepts and steps needed to extract 2020 P.L. 94-171...



### Redistricting Data Through the Census Data API: Tables and Group Calls

Following a few core concepts and steps, you can learn how to extract 2020 P.L....



### Using the API to Get All Results for an ACS Table

In this tutorial, we'll show you how to get data for an entire table from the...



### Using the API to Get Results for Multiple Estimates

In this tutorial, we'll show you how to get data for only the variables you need fro...



[VIEW ALL VIDEOS](#)

## Using the Decennial APIs

-  [How to Access Housing Data from the 2010 Decennial Census Using the Census Data API](#) [944 K]
-  [How to Download 2010 Decennial Self-Response Rates for All Census Tracts in a State from the Census API](#) [2.2 MB]
-  [How to Download 2010 Decennial Self-Response Rates for All Counties in a State from the Census API](#) [1.9 MB]
-  [How to Download 2020 Decennial Self-Response Rates for All Census Tracts in a State from the Census API](#) [2.6 MB]
-  [How to Download 2020 Decennial Self-Response Rates for All Counties in a State from the Census API](#) [2.2 MB]

## Using the ACS APIs

-  [How to Download All Congressional Districts from the Census API](#) [4.6 MB]
-  [How to Download All Zip Code Tabulation Areas From the Census API](#) [2.8 MB]
-  [Removing Annotation Columns from API Group Call Results in Excel](#) [651K]
-  [Using the American Community Survey Equal Employment Opportunity API](#) [11.3 MB]

### Demystifying the Census API

Join this webinar for an introduction and live demonstration of our application...



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# Email Updates

Get data.census.gov updates delivered to your inbox!

Sign up for email updates:  
<https://public.govdelivery.com/accounts/USCENSUS/signup/15450>





**Measuring America's People, Places, and Economy**

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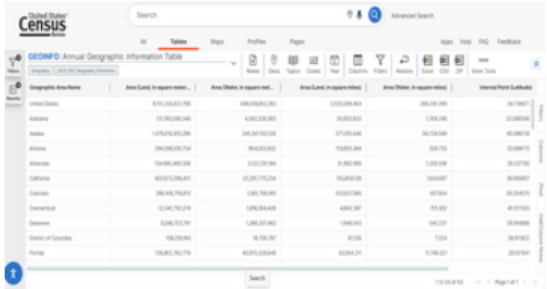
Select your state: \*

By checking this box, you consent to our [data privacy policy](#). \*





## Data.census.gov Newsletter – September 2024



Geographic Area Name	Area Count in upper 48	Area State in upper 48	Area Count in lower 48	Area State in lower 48	Area State in lower 48 (Label)
United States	675,228,021,736	585,785,821,262	1,023,208,464	288,042,224	367,7847
Alabama	50,788,048,248	4,985,228,842	16,938,424	1,782,248	33,0884
Alaska	1,478,918,428	284,247,824	97,238,464	14,728,248	41,08874
Arizona	28,488,028,736	864,238,262	11,238,464	388,728	33,08871
Arkansas	28,488,028,736	222,238,262	11,238,464	1,238,248	33,08872
California	48,238,028,736	32,238,262	16,938,424	1,782,248	33,08873
Colorado	10,238,028,736	10,238,262	16,938,424	1,782,248	33,08874
Connecticut	1,238,028,736	1,238,262	16,938,424	1,782,248	33,08875
Delaware	1,238,028,736	1,238,262	16,938,424	1,782,248	33,08876
District of Columbia	1,238,028,736	1,238,262	16,938,424	1,782,248	33,08877
Florida	28,488,028,736	16,938,424	16,938,424	1,782,248	33,08878
Georgia	10,238,028,736	10,238,262	16,938,424	1,782,248	33,08879

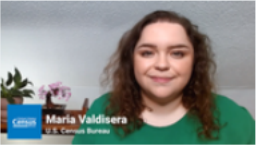
### What's New?

Over the past month, we have made improvements to [data.census.gov](https://data.census.gov) that come from direct requests from our data users. Check them out!

**Introducing the Geography Information dataset:** This dataset combines all disseminated geographies into one centralized location and includes spatial attributes for the disseminated geographies, such as a point of

**Featured Video Tutorials**

[Comparing 2020 Census Detailed DHC-B Data to 2010 Census Data](#)



Maria Valdesera  
U.S. Census Bureau

Learn how to access data from the 2020 Census Detailed Demographic and Housing Characteristics File B and compare it with data from the 2010 Census.

[Downloading, Exporting, and Sharing 2020 Census Detailed DHC-B Data](#)

# data.census.gov Resources

EXPLORE DATA ON [DATA.CENSUS.GOV](https://data.census.gov)

## Stay Connected

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

Feedback: Email comments to  
[census.data@census.gov](mailto:census.data@census.gov)

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## Our Development Depends on Your Feedback

As we continue to develop new functionalities like search by address and advanced printing and download options, please let us know what features are important to you.

Please send your questions or comments on [data.census.gov](https://data.census.gov), [Census API](#), or [Microdata Access](#) to [census.data@census.gov](mailto:census.data@census.gov)