

Introduction to data.census.gov

March 5, 2024

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Data on data.census.gov

General Data Availability:

- Decennial Census: 2000-present
- Population Estimates Program: Limited tables starting with one from the 2019 vintage
- American Community Survey (ACS): 2010-2022
- Econ Census and Selected Surveys: 2012-present

ask.census.gov/prweb/PRServletCustom?pyActivity=pyMobileSnapStart&ArticleID=KCP-5489



	2000	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
ACS 1-Year Detailed Tables		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	
ACS 1-Year Data Profiles		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	
ACS 1-Year Comparison Profiles		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	
ACS 1-Year Subject Tables		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	
ACS 1-Year Selected Population Profiles		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	
ACS 5-Year American Indian and Alaska Native Tables		✓					✓							
ACS 5-Year Selected Population Tables		✓					✓							
ACS 5-Year Detailed Tables		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
ACS 5-Year Data Profiles		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
ACS 5-Year Comparison Profiles							✓	✓	✓	✓	✓	✓	✓	✓
ACS 5-Year Subject Tables		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
ACS 5-Year Equal Employment Opportunity										✓				
ACS Supplemental Estimates						✓	✓	✓	✓	✓	✓		✓	
Community Resilience Estimates											✓			
Decennial Summary File 1 (SF1), Summary File 2 (SF2)	✓	✓												
Decennial Summary File 3 (SF3), Summary File 4 (SF4)	✓													
Decennial Summary File 2 (SF2), Summary File 3 (SF3), File 4 (SF4) Demographic Profile	✓													
Decennial National Redistricting Data		✓												
Decennial Redistricting Data (PL 94-171)	✓	✓										✓		
Decennial American Indian and Alaska Native Demographic Profile	✓													
Decennial American Samoa, Guam, Northern Mariana Island, and U.S. Virgin Islands Demographic Profile												✓		
Decennial American Samoa, Guam, Northern Mariana Island, and U.S. Virgin Islands Summary File	✓	✓												
Decennial Year of Entry: Guam, American Samoa, and Northern Mariana Islands		✓												
Decennial 110 th Congressional District Summary File	✓													

For full list, visit <https://ask.census.gov/prweb/PRServletCustom?pyActivity=pyMobileSnapStart&ArticleID=KCP-5489>

Objectives

In this session we will:

- Learn about some recent updates to data.census.gov
- Use the Single Search to find data tables
- Use the Advanced Search to find data tables
- Learn how to use the Mapping functionality within data.census.gov

Outline

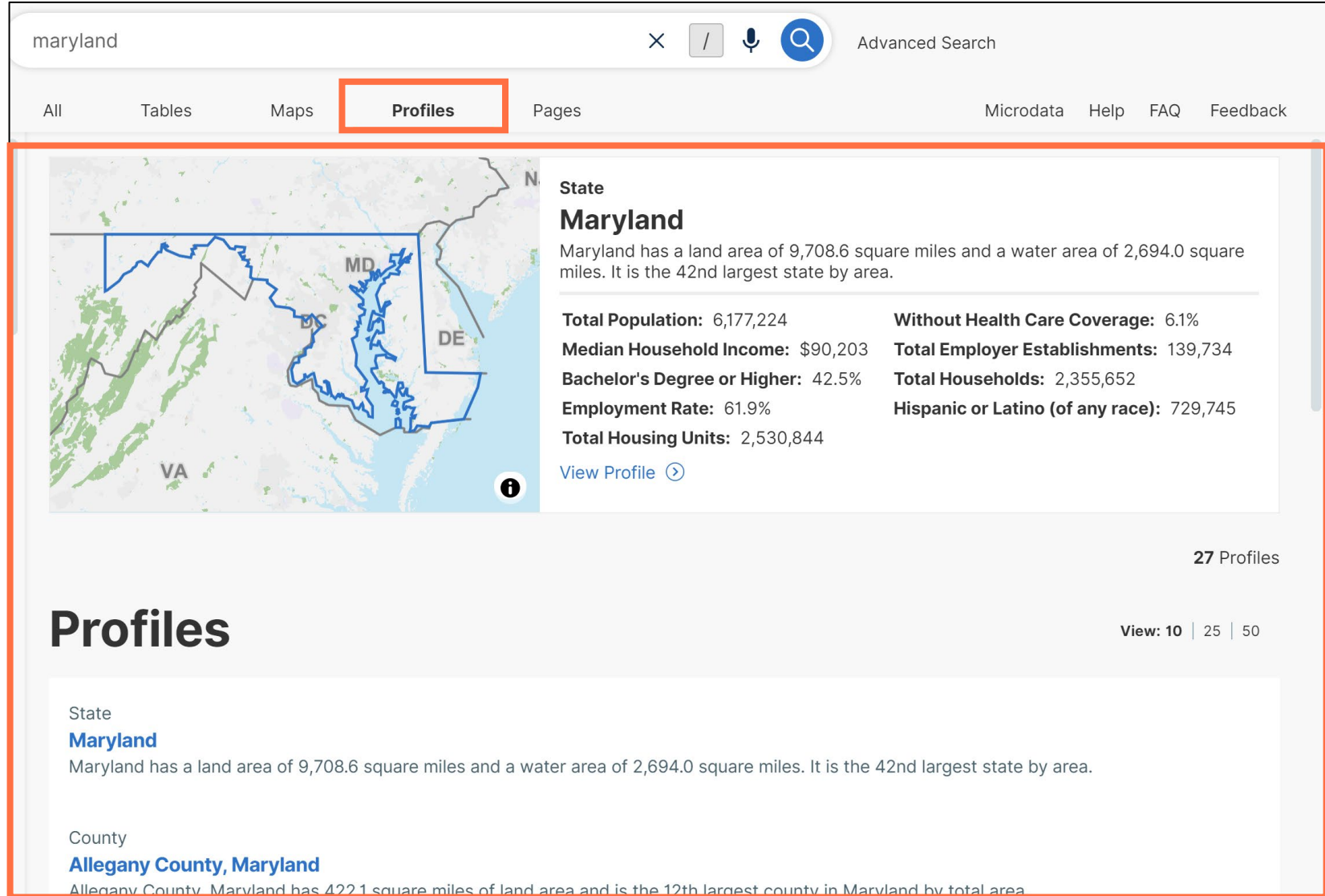
- Data.census.gov Updates
- Live Demo
 - Single Search
 - Advanced Search
 - Mapping
- data.census.gov Resources
- Questions

Outline

- **Data.census.gov Updates**
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New “Profiles” Tab

- New Profiles tab accessible throughout the site
- Tab features a list of Profiles to choose from that are relevant to your search



maryland

Advanced Search

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

State
Maryland

Maryland has a land area of 9,708.6 square miles and a water area of 2,694.0 square miles. It is the 42nd largest state by area.

Total Population: 6,177,224	Without Health Care Coverage: 6.1%
Median Household Income: \$90,203	Total Employer Establishments: 139,734
Bachelor's Degree or Higher: 42.5%	Total Households: 2,355,652
Employment Rate: 61.9%	Hispanic or Latino (of any race): 729,745
Total Housing Units: 2,530,844	

[View Profile](#)

27 Profiles

Profiles

View: 10 | 25 | 50

State
Maryland

Maryland has a land area of 9,708.6 square miles and a water area of 2,694.0 square miles. It is the 42nd largest state by area.

County
Allegany County, Maryland

Allegany County, Maryland has 422.1 square miles of land area and is the 12th largest county in Maryland by total area.

Redesigned Filter Side Panel

- 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 interface. At the top left is the logo for the United States Census Bureau. To the right is a search bar with a microphone icon and a search icon. Below the search bar are navigation tabs for 'All', 'Tables', 'Maps', 'Profiles', and 'Pages'. The main content area shows a breadcrumb trail: 'ZIP Code Tabulation Area / **Select State**'. Below this is a section titled 'Within other geographies' with a search bar labeled 'Search State'. A list of states follows, each with a checkbox and a chevron: 'All 5-digit ZIP Code Tabulation Areas within United States', 'Alabama', 'Alaska', 'American Samoa', 'Arizona', 'Arkansas', 'California', 'Colorado', 'Commonwealth of the Northern Mariana Islands', and 'Connecticut'. On the left side, a filter side panel is highlighted with an orange border. It is divided into two sections: 'Geography' and 'Topics'. The 'Geography' section includes: 'Nation', 'State', 'County', 'County Subdivision', 'Place', 'ZIP Code Tabulation Area' (highlighted in blue), 'Metropolitan/Micropolitan Statistical Area', 'Census Tract', 'Block', 'Block Group', and 'All Geographies'. The 'Topics' section includes: 'Business and Economy'. At the bottom left of the side panel is a blue circular icon with a white person silhouette.

Updated Design: Search Bars

- Search bars throughout the filter panel have a standard look

The screenshot displays the United States Census Bureau search interface. At the top left is the logo for the United States Census Bureau. To its right is a search bar with a microphone icon and a magnifying glass icon, followed by a link to "Advanced Search". Below the logo and search bar are navigation links: "All", "Tables", "Maps", "Profiles", "Pages Microdata", "Help", "FAQ", and "Feedback".

The main content area is divided into two sections. On the left is a filter panel titled "0 Filters" with a help icon. It contains a search bar labeled "Search for a filter" with a magnifying glass icon. Below this is a "Geography" section with a location pin icon, listing options: "Nation", "State", "County" (highlighted with a blue bar), "County Subdivision", "Place", and "ZIP Code Tabulation Area".

On the right is the main content area, titled "Georgia / Select County" with a back arrow. Below this is a section titled "Within other geographies" with a plus icon. It contains a search bar labeled "Search County" with a magnifying glass icon. Below the search bar is a list of counties with checkboxes: "All Counties within Georgia", "Appling County, Georgia", "Atkinson County, Georgia", "Bacon County, Georgia", "Baker County, Georgia", and "Baldwin County, Georgia".

At the bottom right of the interface is a blue button labeled "SEARCH". At the bottom left is a blue circular icon with a white person silhouette.

Improved Maps: New Print Button

- New Print button provides a PDF download of the map, optimized for printing
- The first page of the PDF provides the map and key labels. Remaining pages provide notes.

The screenshot shows the United States Census Bureau website interface. At the top, there is a search bar with the word 'income' and a search icon. Below the search bar, there are navigation tabs: 'All', 'Tables', 'Maps' (which is selected), 'Profiles', 'Pages', 'Microdata', 'Help', 'FAQ', and 'Feedback'. The main content area is titled 'Median income (dollars)' and includes a dropdown menu for 'Households' and a text input for 'Income in the Past 12 Months (in 2022 Inflation-Adjusted Dollars)'. A map of Georgia is displayed, showing county-level data for median income. A 'More Tools' button is highlighted with a red box, and a dropdown menu is open, showing options: 'Colors', 'Classes', 'Identify', 'Table', 'Notes', 'Print' (highlighted with a red box), and 'Share'. A legend is visible in the bottom left corner of the map, showing income ranges and their corresponding colors. A text box on the right side of the map provides details about the survey and data quality.

United States Census Bureau

income

Advanced Search

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

Filters 21

Results 752

Median income (dollars)

Households Income in the Past 12 Months (in 2022 Inflation-Adjusted Dollars)

Select Clear Geos Layer Year Dataset Basemap Boundaries More Tools

Median income (dollars) - Households

Median income (dollars) - Households

Income in the Past 12 Months (in 2022 Inflation-Adjusted Dollars)

Survey/Program : American Community Survey
Year : 2022
Estimates : 5-Year
Table ID : S1901

Although the American Community Survey (ACS) produces population, demographic and housing unit estimates, the decennial census is the official source of population totals for April 1st of each decennial year. In between censuses, the Census Bureau's Population Estimates Program produces and disseminates the official estimates of the population for the nation, states, counties, cities, and towns and estimates of housing units for states and counties.

Information about the American Community Survey (ACS) can be found on the <https://www.census.gov/programs-surveys/acs.html>. Supporting documentation including code lists, subject definitions, data accuracy, and statistical testing, and a full list of ACS tables and table shells (without estimates) can be found on the <https://www.census.gov/programs-surveys/acs/technical-documentation/code-lists.html> section of the ACS website.

Sample size and data quality measures (including coverage rates, allocation rates, and response rates) can be found on the American Community Survey website in the https://www.census.gov/acs/www/methodology/sample_size_and_data_quality/ section.

Source : U.S. Census Bureau, 2018-2022 American Community Survey 5-Year Estimates

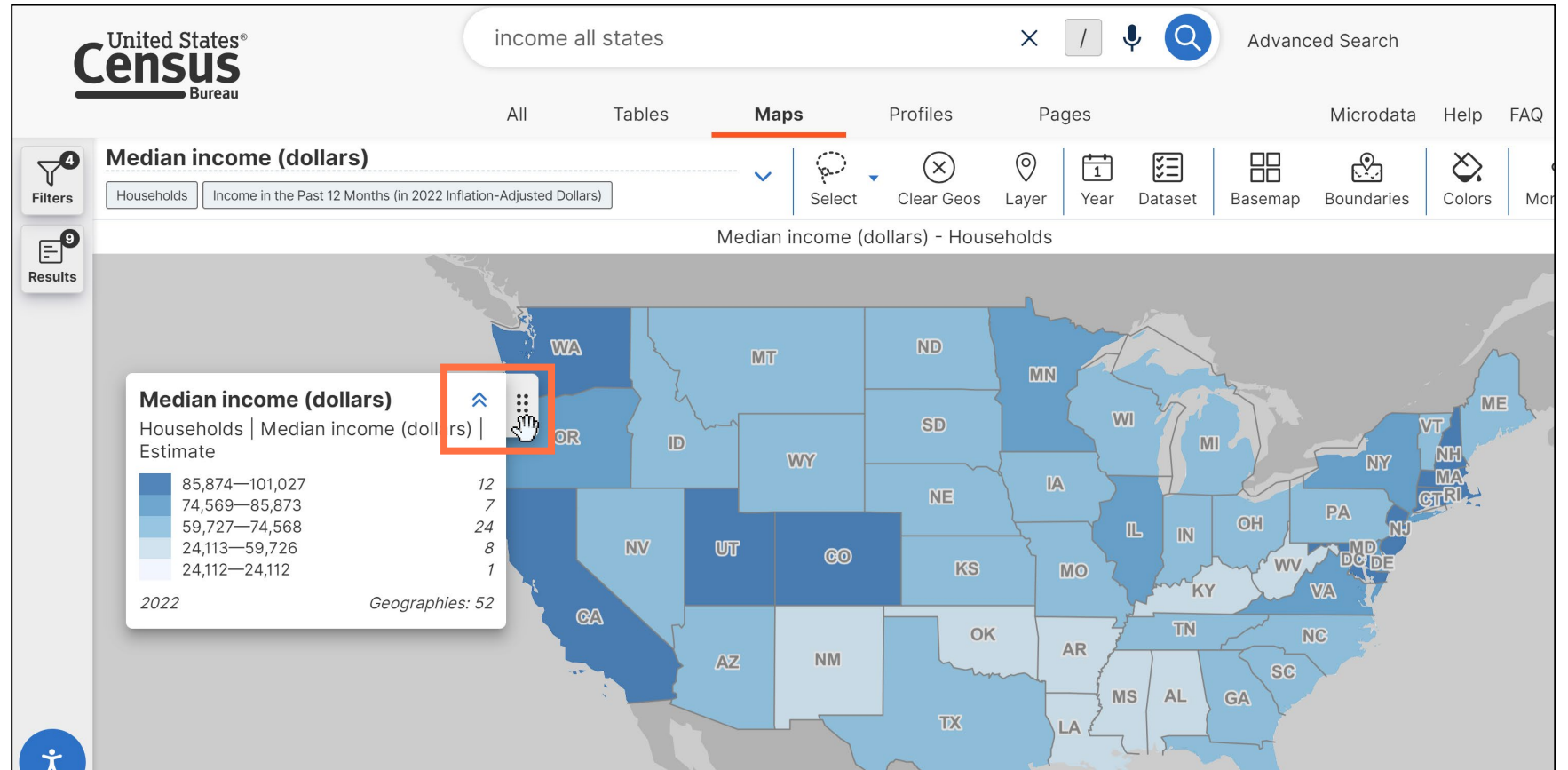
Data are based on a sample and are subject to sampling variability. The degree of uncertainty for an estimate arising from sampling variability is represented through the use of a margin of error. The value shown here is the 90 percent margin of error. The margin of

United States Census Bureau

9

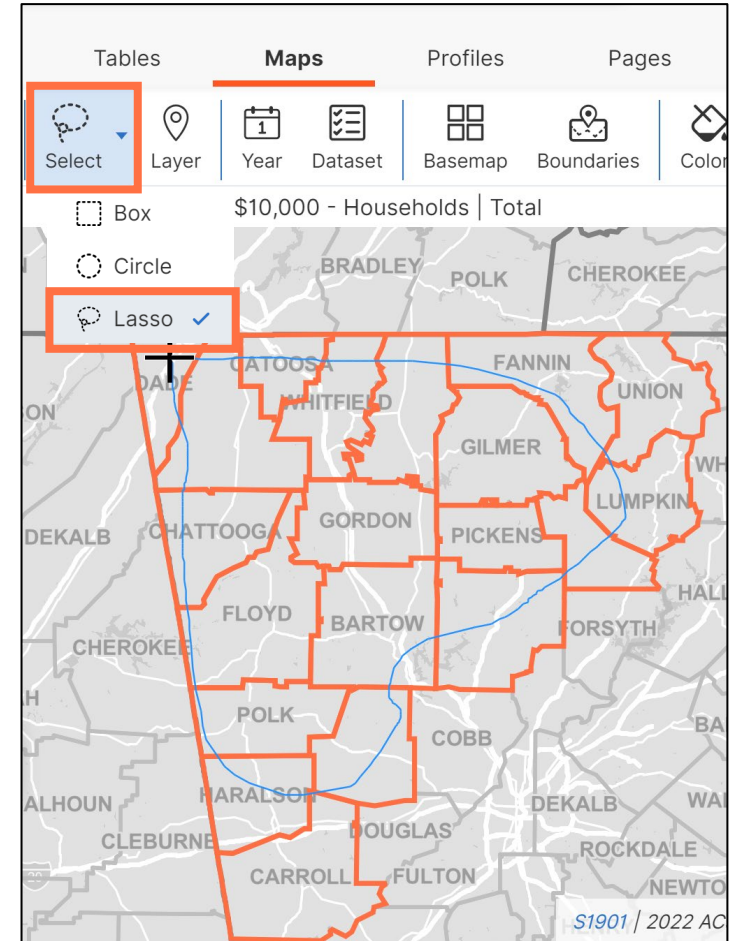
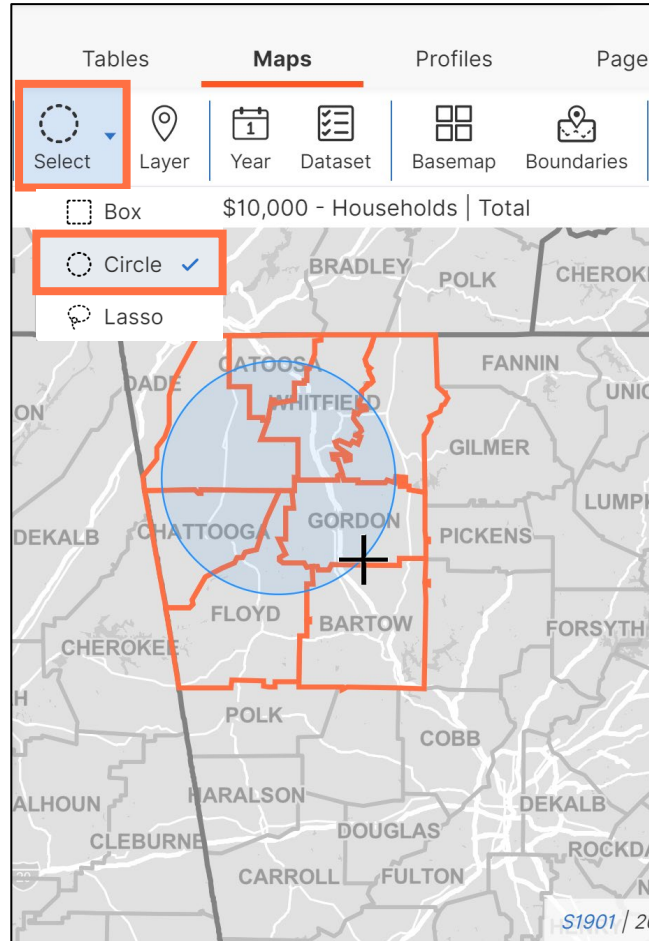
Improved Maps: Moveable and Collapsible Map Legend

- New controls allow you to move or collapse the map legend



Improved Maps: New Selection Tools

- **Circle Selection Tool:** Allows you to draw a circle to select geographies
- **Lasso Selection Tool:** Allows you to draw a custom shape to select geographies



New Table Controls: Cite Button

New Cite button provides citation in common formats to copy or download:

- MLA
- APA
- Chicago
- Harvard
- BibTex
- RefMan

The screenshot shows the United States Census Bureau data tool interface. The top navigation bar includes the logo, a search bar, and tabs for All, Tables, Maps, Profiles, Pages, Microdata, Help, FAQ, and Feedback. The 'Tables' tab is selected. The main toolbar contains various actions: Filters (2), Results (81), Notes, Geos (1), Topics (1), Codes (123), Dataset, Year, Hide, Transpose, Margin of Error, Restore, Excel, CSV, ZIP, Cite (highlighted with a red box), and More Tools. The 'Cite' button is a blue icon with quotation marks. A modal window titled 'Cite' is open, showing citation options (MLA, APA, Chicago, Harvard, BibTex, RefMan) and a text box with the following citation: U.S. Census Bureau. "Selected Characteristics of Health Insurance Coverage in the United States." *American Community Survey, ACS 1-Year Estimates Subject Tables, Table S2701, 2022*, [https://data.census.gov/table/ACSST1Y2022.S2701?t=Health Insurance&g=050XX00US53053](https://data.census.gov/table/ACSST1Y2022.S2701?t=Health%20Insurance&g=050XX00US53053). Accessed on January 19, 2024. A blue 'COPY' button is located at the bottom right of the modal. The background shows a table with columns for Label, Margin of Error, and Cell/Column Notes.

Label	Margin of Error	Cell/Column Notes
▼ Civilian noninst	±0.6	
▼ AGE		
Under 6 ye	±1.0	
6 to 18 ye	±1.0	
19 to 25 ye	±2.0	
26 to 34 ye	±2.0	
35 to 44 ye	±1.7	
45 to 54 ye	±1.4	
55 to 64 ye	±1.6	

Updated Design: New Filter Hover Effects

- Hover over a selected filter to see a pop-up with the full label for easy readability

The screenshot displays the United States Census Bureau interface. At the top, there is a search bar and navigation links for All, Tables (selected), Maps, Profiles, Pages, Microdata, Help, FAQ, and Feedback. The main content area is divided into three sections: Filters, Results, and a data table.

Filters Section: Shows "1 Filter" with a question mark icon. A filter for "Washington-Arlington-Alexandri..." is selected. A "Clear all filters" button is visible. Below the filter is a search box for filters.

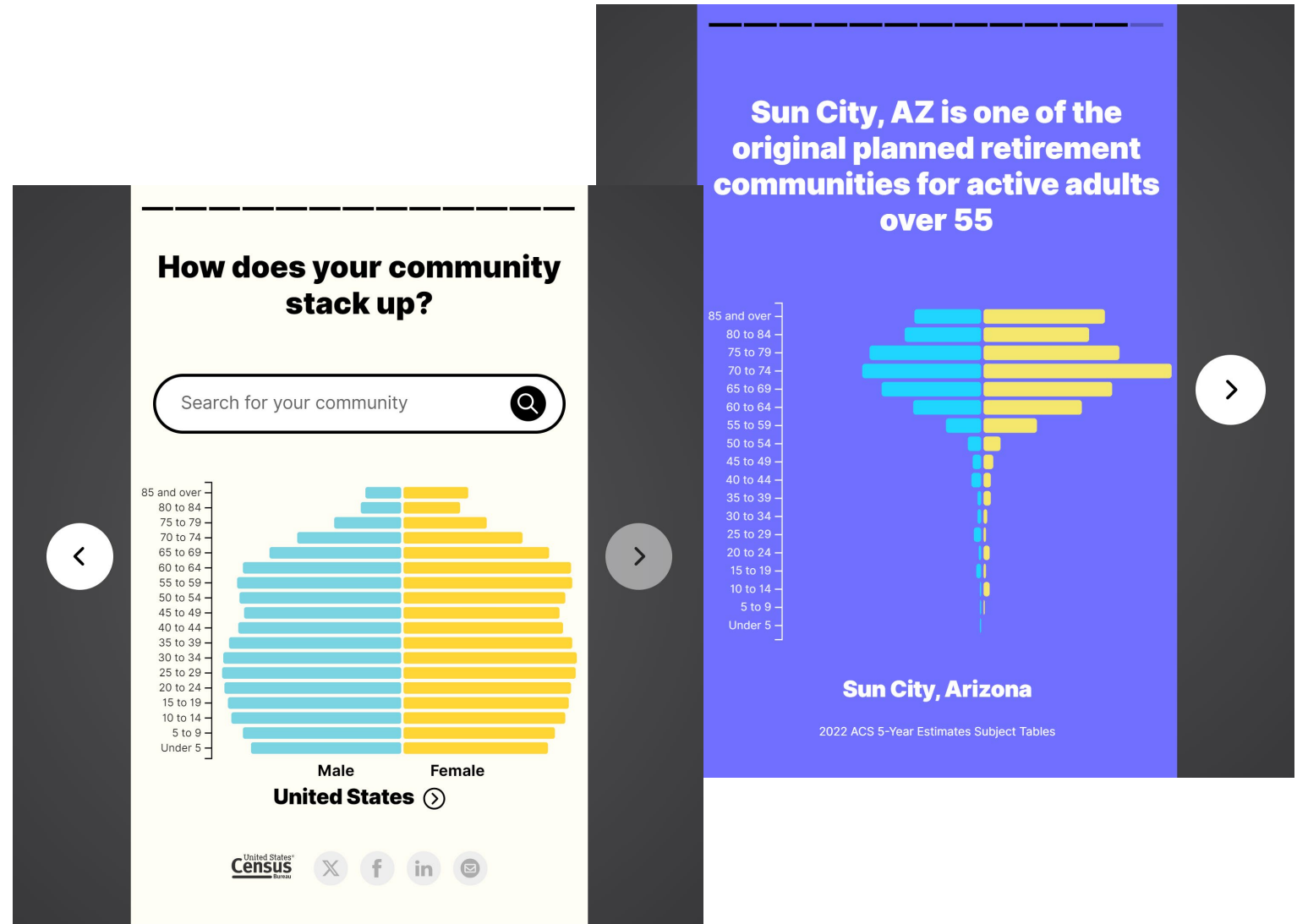
Results Section: Shows "2365 Results" with a question mark icon. It includes a "View" dropdown set to "10" (with options for 25 and 50) and a "Download Table Data" link. A "Clear all filters" button is also present.

Data Table: The table has columns for "Pierce Cou" and "Total". The first row is labeled "Washington-Arlington-Alexandria, DC-VA-MD-WV Metro Area" and is highlighted with an orange box. Below this, there are sections for "RACE" (PEPANNRES) and "AGE" (DPO5).

Geography Section: Lists various geographic levels: Nation, State, County, County Subdivision, Place, and ZIP Code Tabulation Area, each with a right-pointing arrow.

New Pop Story App

- Showcases the use of population pyramids to tell data stories
- Interactive widget allows you to explore the population pyramid for your community
- Buttons allow you to share the Pop Story widget and access more data



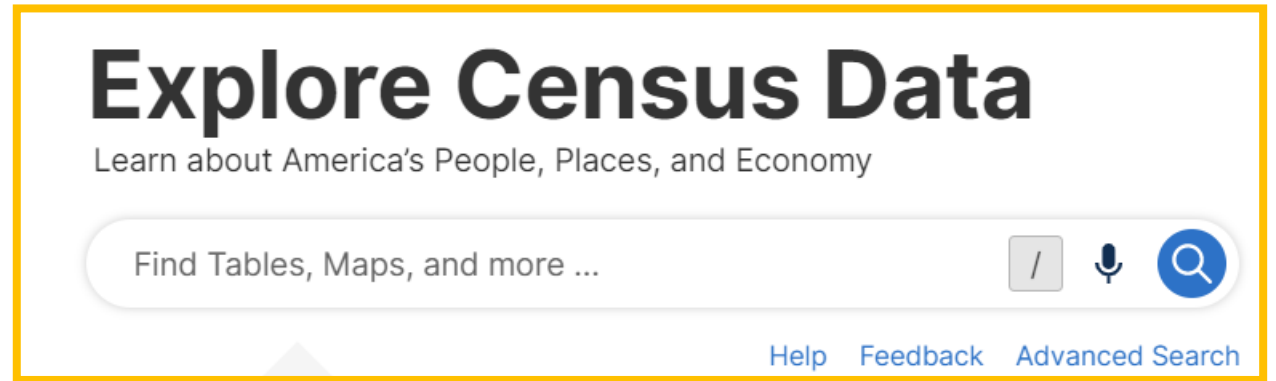
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Two Ways to Search

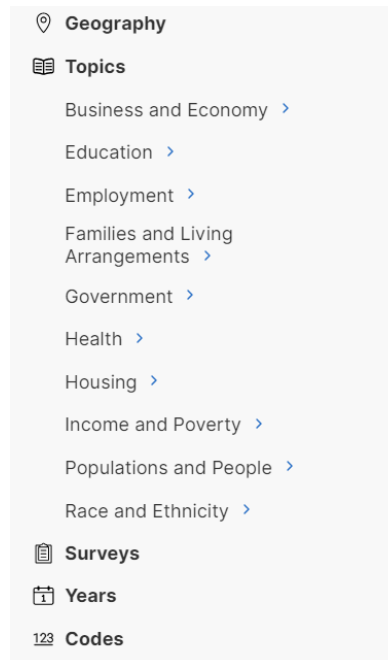
Single Search Bar: Search keywords

- Topic
- Geography
- Year
- Table IDs
- Codes

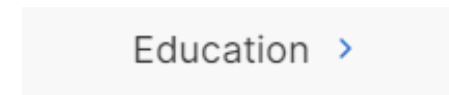


Advanced Search Filters:

- A guided approach
- More precise than single search
- Includes all available search options



Chevron: Explore more detailed options



Check box: Final selection

- Education
- Educational Attainment

Demo

- Using the Single Search:
 - Geographic Profile for Washington, D.C.
 - Finding the median income in Nebraska
- Using the Advanced Search:
 - Finding ACS Economic Data for all counties in Maryland
 - Finding CB2100CBP for NAICS 44-45 Retail Trade for all states
- Mapping Tables

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Explore Census Data

Learn about America's People, Places, and Economy

Find Tables, Maps, and more ...



[Help](#) [Feedback](#) [Advanced Search](#)

Try searching for poverty in Georgia in |

- Click on the **Advanced Search** button located directly under the Single Search bar

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- **Mapping Tables**

Questions

- Live Demo
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 - Advanced Search
 - Mapping
- **data.census.gov Resources**
- Questions
 - census.data@census.gov

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data.census.gov Resources page:

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

Feedback: Email comments to census.data@census.gov

Public Information Office: pio@census.gov or (301) 763-3030



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Watch this video to learn how to use Microdata Access (MDAT) through data.census.gov.

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Using data.census.gov: Advanced Search

Learn how to use advanced search on data.census.gov

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Building a Custom Table Using Microdata Access (MDAT) | How to Create a Map from Scratch Using data.census.gov | How to Create a Map from a Table | Explanation of Mapping Buttons | How to Export and Download Tables

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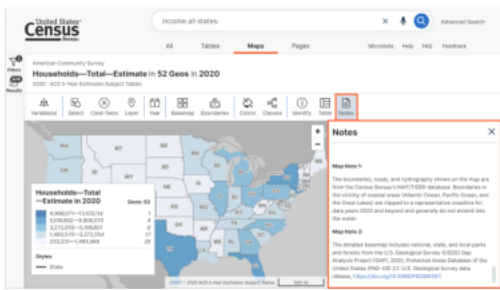
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United States[®] Census Bureau

Data.census.gov Newsletter – September 2022



Learn about the latest system updates, data releases, and educational opportunities for data.census.gov.

Upcoming Workshops

Get hands-on practice with data.census.gov by joining one of our upcoming workshops.

New Workshop
Making the Most of Mapping in

Upcoming Webinars:

2021 ACS 1-Year Pre-Release Webinar:
9/8 at 2:00pm
Learn how to access data and online resources from the 2021 American Community Survey (ACS) set to be publicly released on September 15. The webinar will also provide tips for comparing ACS geographies and statistics over time.

[Details](#)

Data.census.gov News and Updates:
September 2022
9/28 at 2:00pm
In this webinar we will

Questions

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