data.census.gov Updates

Baltimore Metropolitan Council

Cooperative Forecasting Group

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Outline

- Latest Updates and Live Demonstrations
  - Profile
  - Navigation and Result List
  - Filtering and Table Display
  - Mapping
- Q&A

U.S. Census Bureau

Data User Feedback Cycle

STEP 1 - COLLECT
Receive and collect feedback.

STEP 2 - PRIORITIZE
Distribute issues to prioritize and incorporate.

STEP 3 - DEVELOP
Issues are addressed by developers.

STEP 4 - TEST
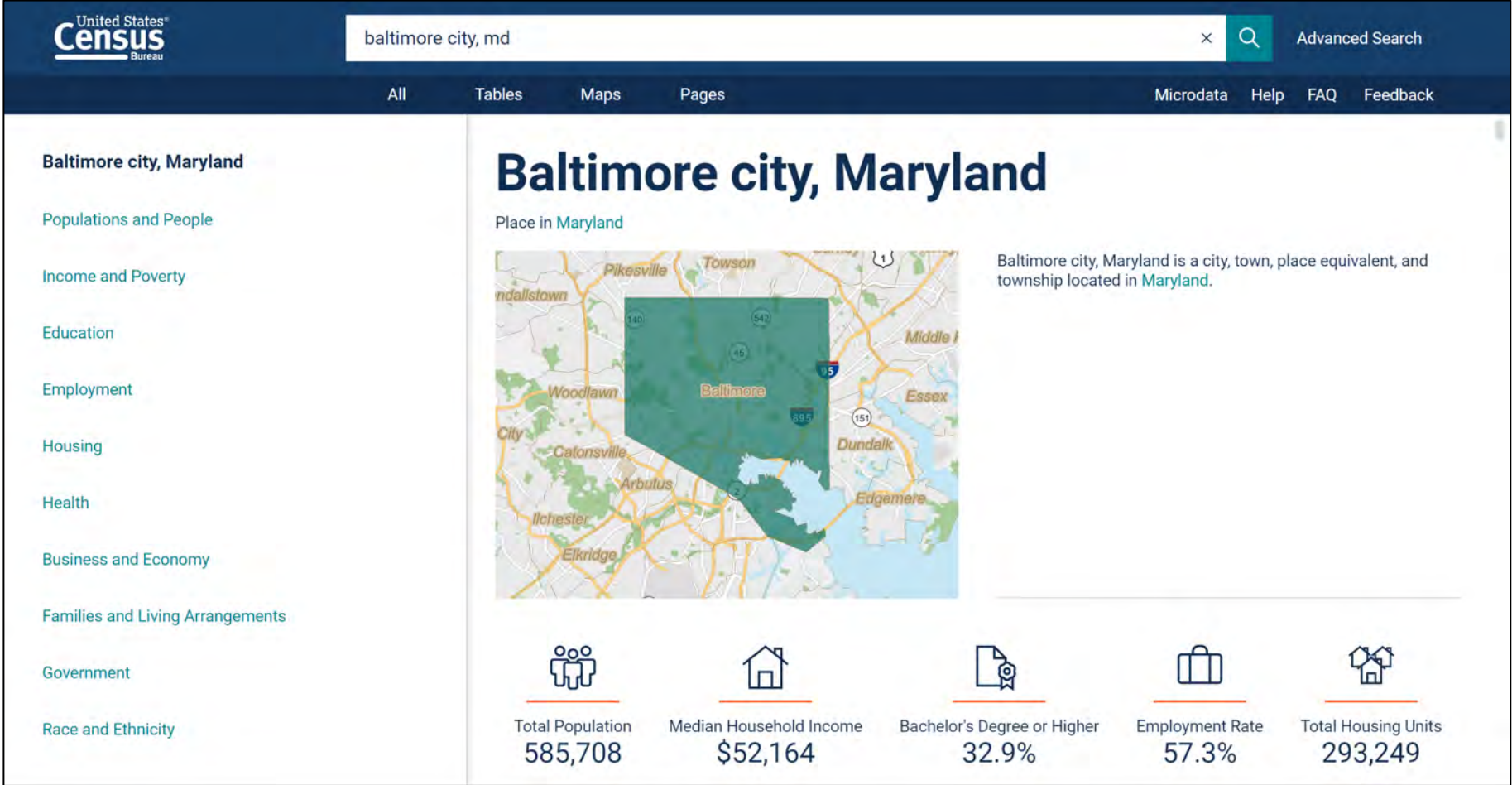Internal testing is conducted.

STEP 5 - RELEASE
Release to the public.

STEP 1 - COLLECT

STEP 2 - PRIORITZE

STEP 3 - DEVELOP

STEP 4 - TEST

STEP 5 - RELEASE

Profile Improvements

You will now see:

- Expanded Geography Profiles, including new data highlights and 23 new sections

- Geography Profiles for Puerto Rico areas

- Industry Profiles for any 2-6 digit NAICS code

Demo

1. **Profile**

   Example: Geography Profile for Baltimore city

2. Navigation and Result List

   Example: Housing units in Baltimore County in 2020

3. Filtering and Table Display

   Example: 2020 ACS 5-year Detailed Tables for age in:
   - Baltimore Metro Area
   - All block groups in the Baltimore Metro Area

4. Mapping

   Example: Percent public transit for all counties in Baltimore Metro area

Geography Profile for Baltimore city, MD

Single Search:

Two Ways to Access the Geography Profile for Baltimore

1. **The Single Search Bar**
   - Type Baltimore city, MD in the single search bar
   - Click "Baltimore city, Maryland" in bold blue letters
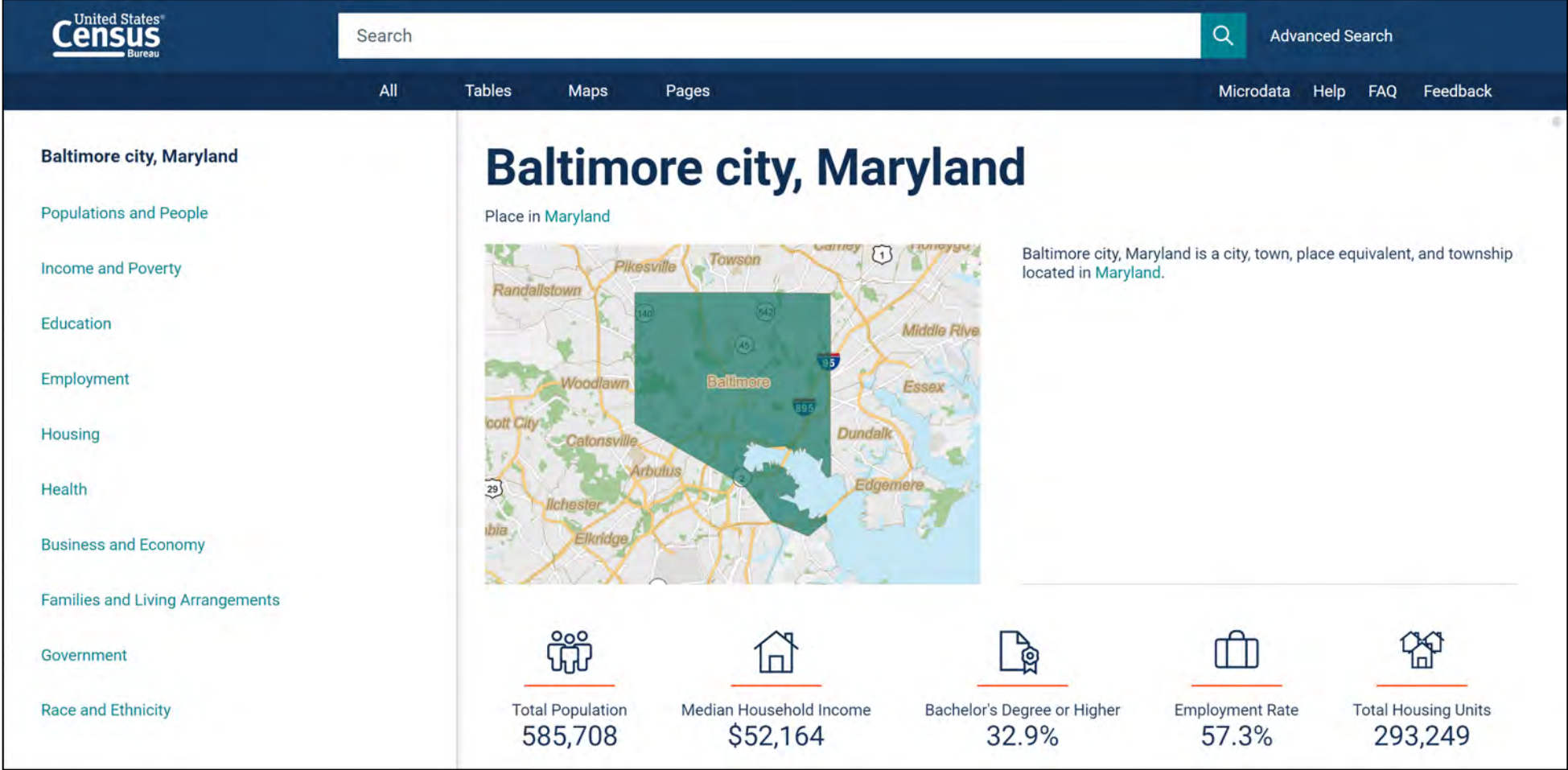
All Results Page:
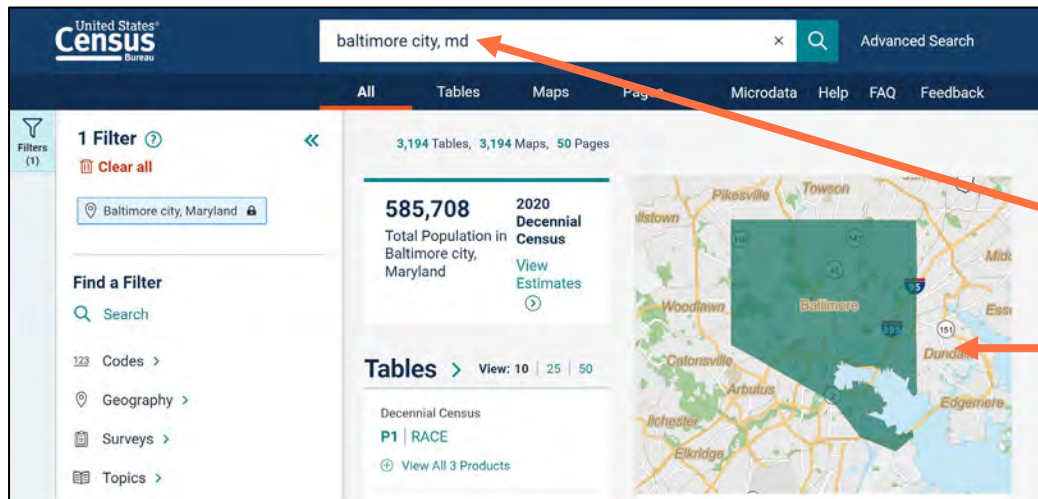
2. **The All Results Page**
   - Type Baltimore city, MD in the single search or use the advanced search filters
   - On the right-hand side of the screen click the map of Baltimore

Geography Profile for Baltimore city, MD

Geography Profile for Baltimore city, MD

Click a table title for more information on the topic

Improved Headers and Banner Notifications

Banners will appear at the top of the page when we need to alert you about key updates or major notifications

New links to Advanced Search, Microdata, Help, FAQ, and Feedback
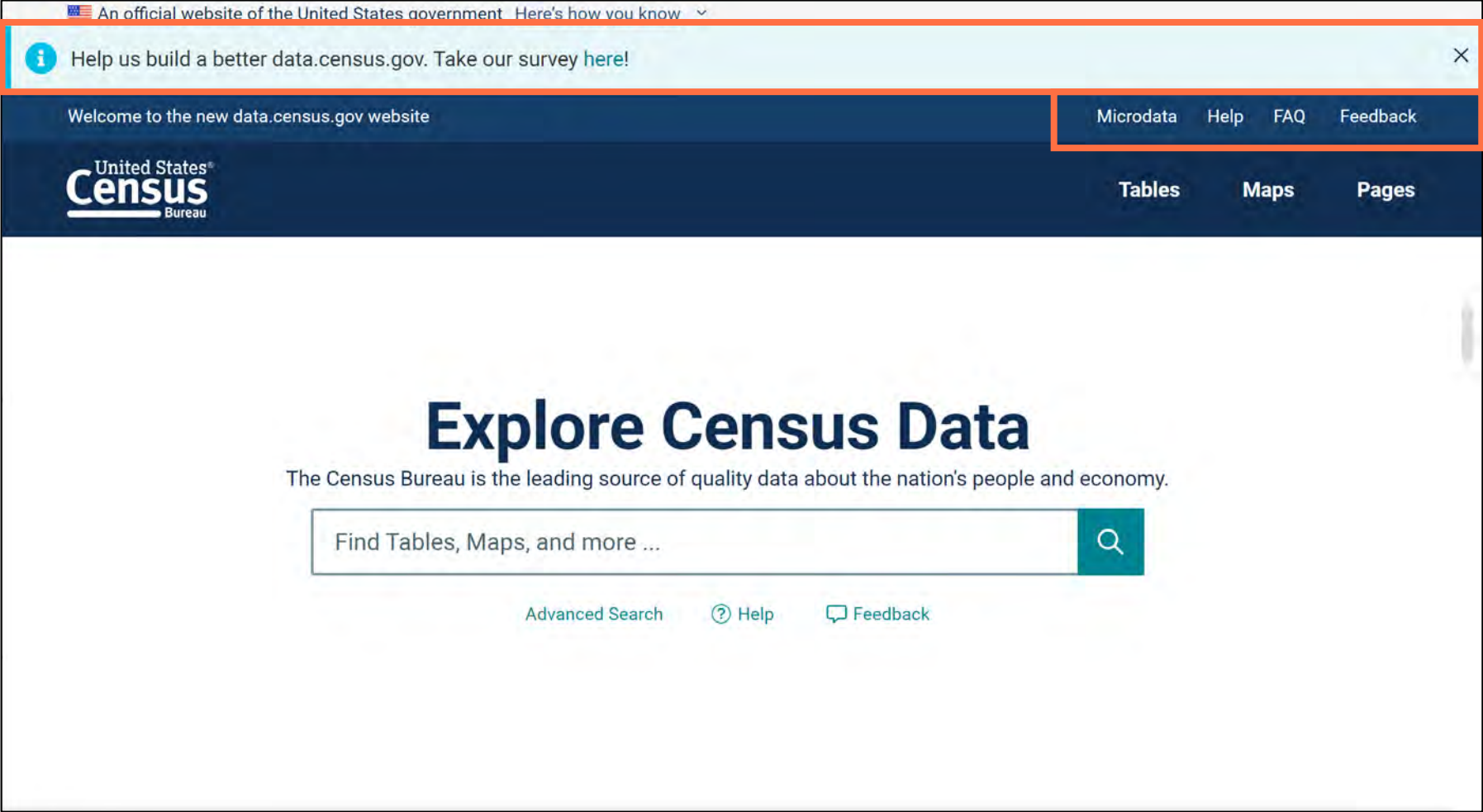
Navigation Improvements: New Filter Panel

New filter panel is accessible on all pages for you to view and edit your search criteria

Navigation Improvements: Flexible Screen Layout

Collapsible panels provide flexibility to open and close the panels as needed

Navigation Improvements: Toolbar Shown by Default

We now provide toolbar options by default in all table and map views

Result Page: Browse Long Lists of Tables

New options to page through results and view up to 25 or 50 table results at a time

Demo

1. Profile

   Example: Geography Profile for Baltimore city

2. **Navigation and Result List**

   Example: Housing units in Baltimore County in 2020

3. Filtering and Table Display

   Example: 2020 ACS 5-year Detailed Tables for age in:
   - Baltimore Metro Area
   - All block groups in the Baltimore Metro Area

4. Mapping

   Example: Percent public transit for all counties in Baltimore Metro area

Single Search Bar

- Type keywords in the single search bar: **housing units baltimore county**

- **Press enter**

View All Results Page

- New feature breaks down the number of tables, maps, and pages

- New visual update shows image of map in Geography Profile link

View Table Results Page

- Click **Tables** at the top

- New panel on the left for filters

- Table toolbar options shown in all table and map views

Browse List of Table Results

- Choose whether you want to view 10, 25, or **50** table results at a time in the list

- Click table **B25001**

Collapse Filters and Results Panels

- Click the **Filters and Results buttons** or **chevrons** to close the panels

View Full Table

- You will see the full table across your screen when the Filters and Results panels are closed

- Click the Filters and Results buttons to open the panels again

Select Filter

- Use the filter panel to add a filter:
  Years → **2020**

- Click the "X" at the top of the of the years filter panel to close it

View Filters Types

- Click the question mark at the top of the filter panel

- Learn about the different types of filters in the pop-up window

Lock Icon vs "x"

- A lock icon means the filter is based on text from the single search bar

- An "x" means the filter is based on a check box you selected

Removing a Filter

- Click the "x" to remove a filter you no longer need

View All Products

- Click **View All 21 Products**

- Click **2019 ACS 1-Year Detailed Tables Tables**

View Table

- View results

Filtering: Most Common Geographies

New "Most Common Geographies" at the top of the list.

All Other Geographies in an alphabetized list below.

Filtering: Simplified View

The site will show you only one section of the filter panel at a time.

Breadcrumbs show the previous clicks you made.

Filtering: Incompatible Options Hidden from View

You will no longer see filters that are incompatible with your current selections

Filtering: Folders and Check Boxes

A check box is a final selection.

A folder allows you to choose from more detailed options.

Filtering: Backwards Navigation

Click the back arrow, breadcrumbs, or primary filter categories to navigate backwards
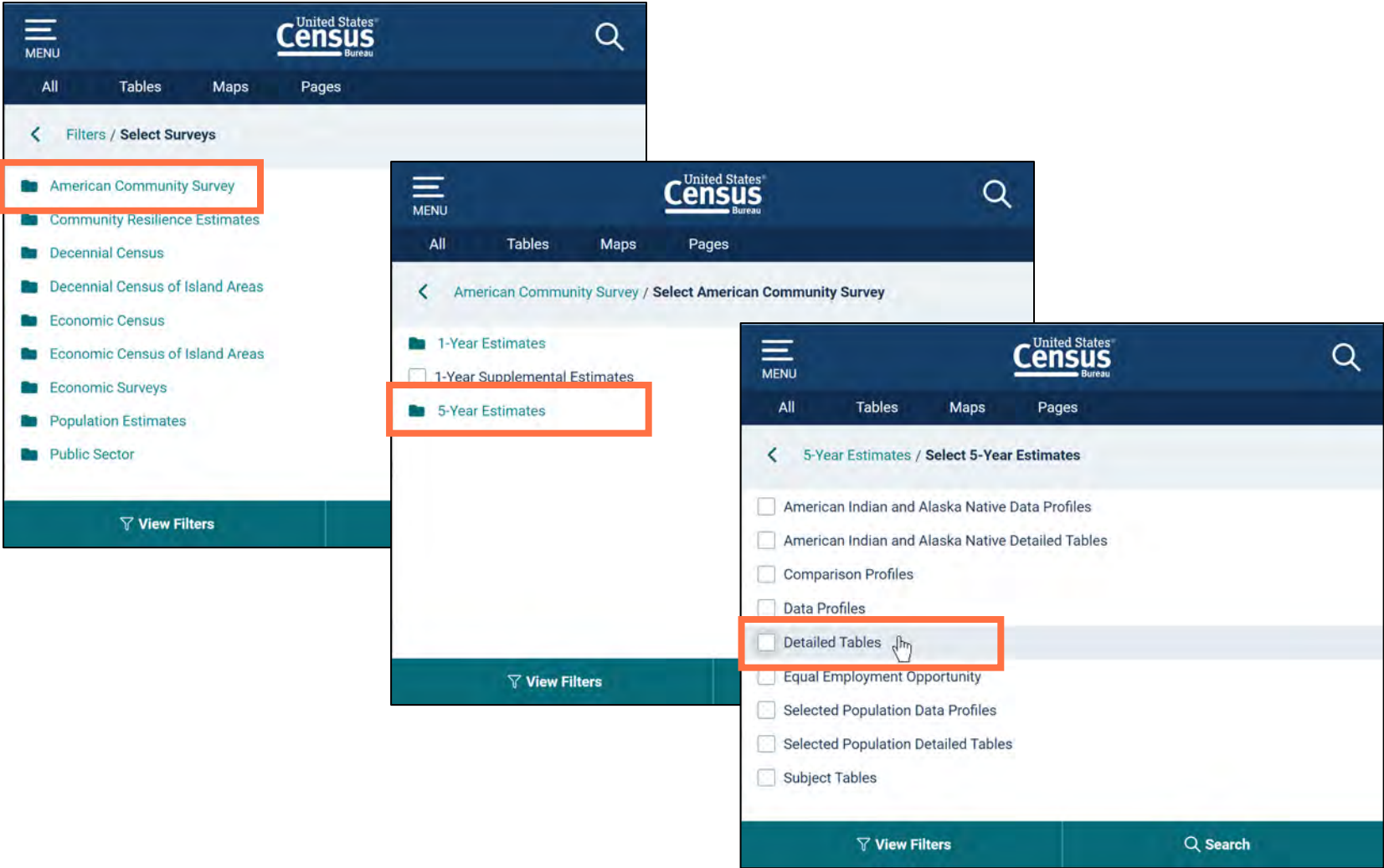
Filtering: Simplified Lists for Geographic Variants

Geography lists are streamlined to only include one label that will provide data for all available variants

Redesigned Surveys Filter Panel

You will now find the pre-existing detailed survey options organized within new survey categories

More Collections of Geographies

35 new options to select collections of geographies in a single click

✅ All Census Tracts within United States

✅ All Census Tracts fully/partially within Congressional District 2 (116th Congress), Arizona

| Summary Level	Neatly Nested
030	All Divisions within the U.S.
060	All County Subdivisions within a Metropolitan/Micropolitan Statistical Area
	All County Subdivisions within a Metropolitan Division
	All County Subdivisions within a Combined Statistical Area
	All County Subdivisions within a Combined New England City and Town Area
	All County Subdivisions within a New England City and Town Area
	All County Subdivisions within a New England City and Town Area Division
100	All Blocks within a Census Tract
	All Blocks within an American Indian Area/Alaska Native Area/Hawaiian Home Land
140	All Census Tracts within the U.S.
	All Census Tracts within a Metropolitan/Micropolitan Statistical Area
	All Census Tracts within a Metropolitan Division
	All Census Tracts within a Combined Statistical Area
150	All Block Groups within a Metropolitan/Micropolitan Statistical Area
	All Block Groups within a Metropolitan Division
	All Block Groups within a Combined Statistical Area
310	All Metropolitan/Micropolitan Statistical Areas within a Combined Statistical Area
314	All Metropolitan Divisions within the U.S.

census.gov/data/what-is-data-census-gov/developmental-update.html

Summary Level	Not Neatly Nested
050	All Counties fully/partially within a Congressional District
060	All County Subdivisions fully/partially within a Congressional District
	All County Subdivisions fully/partially within a State Legislative District (Upper Chamber)
	All County Subdivisions fully/partially within a State Legislative District (Lower Chamber)
140	All Census Tracts fully/partially within a Congressional District
150	All Block Groups fully/partially within a Congressional District
160	All Places fully/partially within a Metropolitan/Micropolitan Statistical Area
	All Places fully/partially within a Metropolitan Division
	All Places fully/partially within a Combined Statistical Area
	All Places fully/partially within a State Legislative District (Upper Chamber)
	All Places fully/partially within a State Legislative District (Lower Chamber)
250	All American Indian Areas/Alaska Native Areas/Hawaiian Home Lands fully/partially within a State
310	All Metropolitan/Micropolitan Statistical Areas fully/partially within a State
500	All Congressional Districts within American Indian Area/Alaska Native Area/Hawaiian Home Land
	All Congressional Districts fully/partially within a Metropolitan/Micropolitan Statistical Area
	All Congressional Districts fully/partially within a Metropolitan Division
	All Congressional Districts fully/partially within a Combined Statistical Area

United States® Census Bureau

Look for "Within Other Geographies"

To access many of these new collections of geographies, you will need to click the "Within Other Geographies" option at the top of the appropriate geography panel
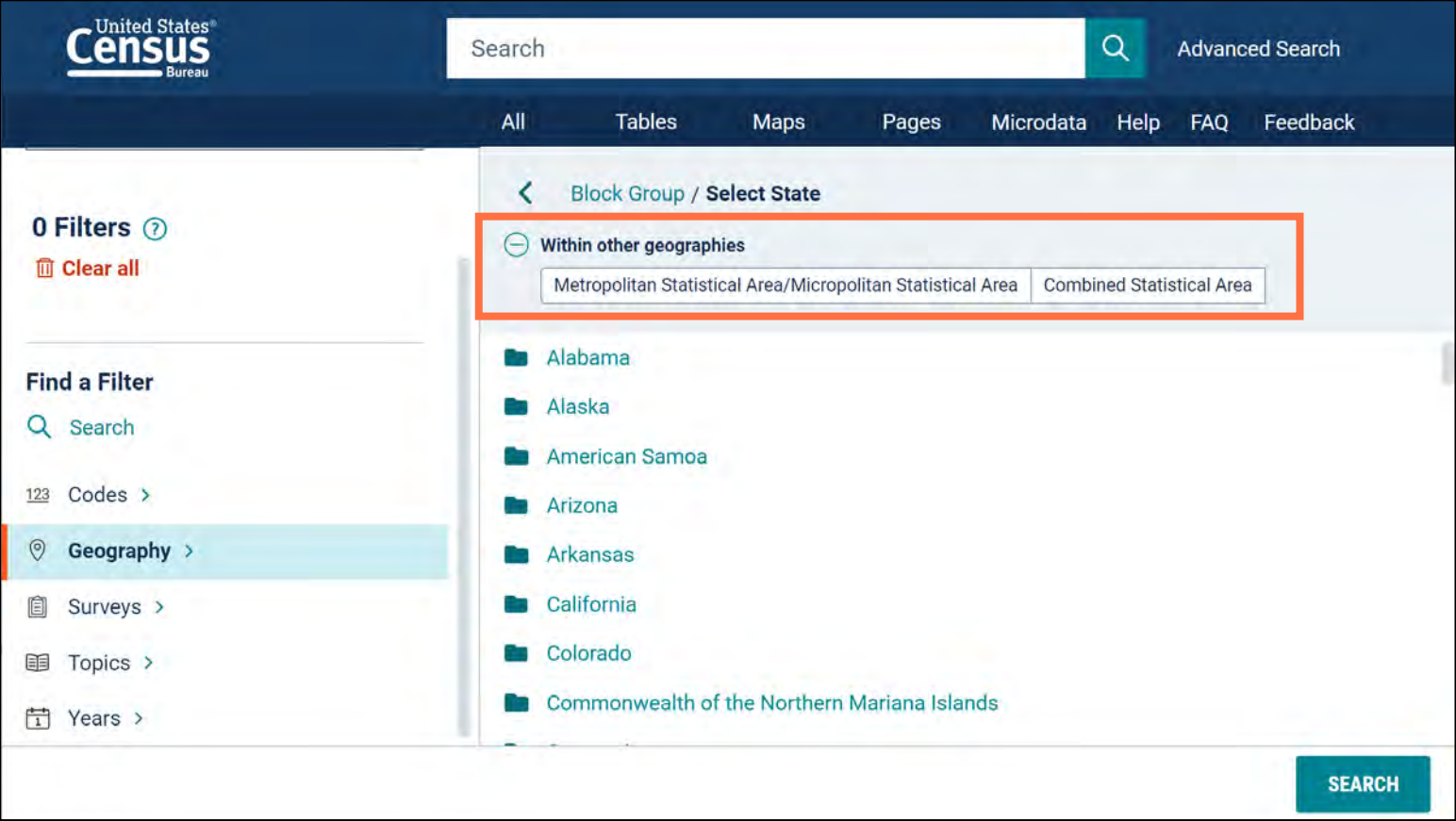
New Option for Large Tables

New option allows you to try to load tables were previously too large to display on screen

Large tables are tables with more than:
- 1,000 columns
- 2.5 million cells
- 4mb uncompressed download size

Demo

1. Profile

   Example: Geography Profile for Baltimore city

2. Navigation and Result List

   Example: Housing units in Baltimore County in 2020

3. **Filtering and Table Display**

   Example: 2020 ACS 5-year Detailed Tables for age in:
   - **Baltimore Metro Area**
   - **All block groups in the Baltimore Metro Area**

4. Mapping

   Example: Percent public transit for all counties in Baltimore Metro area

Open the Filter Panel

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

Geography Filter Panel

- Click **Geography** in the left filter panel

- Most common geographies are at the top of the list, with all other geographies in an alphabetized list below

Select Metropolitan Statistical Area

- Click **Metropolitan Statistical Area**

Select Baltimore-Columbia-Towson, MD Metro Area

- This is a new simplified list that is applied to geographies that contain variants. With the update, labels only appear one time instead of repeating for each version of the geography

- Select **Baltimore-Columbia-Towson, MD Metro Area**

Navigate Backwards in the Geography Filter Panel

- View filter for Baltimore Metro Area in the upper left

- You may click the back arrow, breadcrumbs, or primary filter categories to navigate backwards within the filters

- Click the **back arrow**

Choose Block Group

- Select **Block Group**

Select Block Groups within Metro/Micro Areas

You will now see only one section of the panel at a time

A check box is a final selection, and a folder provides more detailed options

- Select **within other geographies**

- Select **Metropolitan Statistical Area/Micropolitan Statistical Area**

Select All Block Groups in Baltimore-Columbia-Towson Metro Area

- Select **Baltimore-Columbia-Towson, MD Metro Area**

- Select **All Block Groups fully/partially within Baltimore-Columbia-Towson, MD Metro Area**
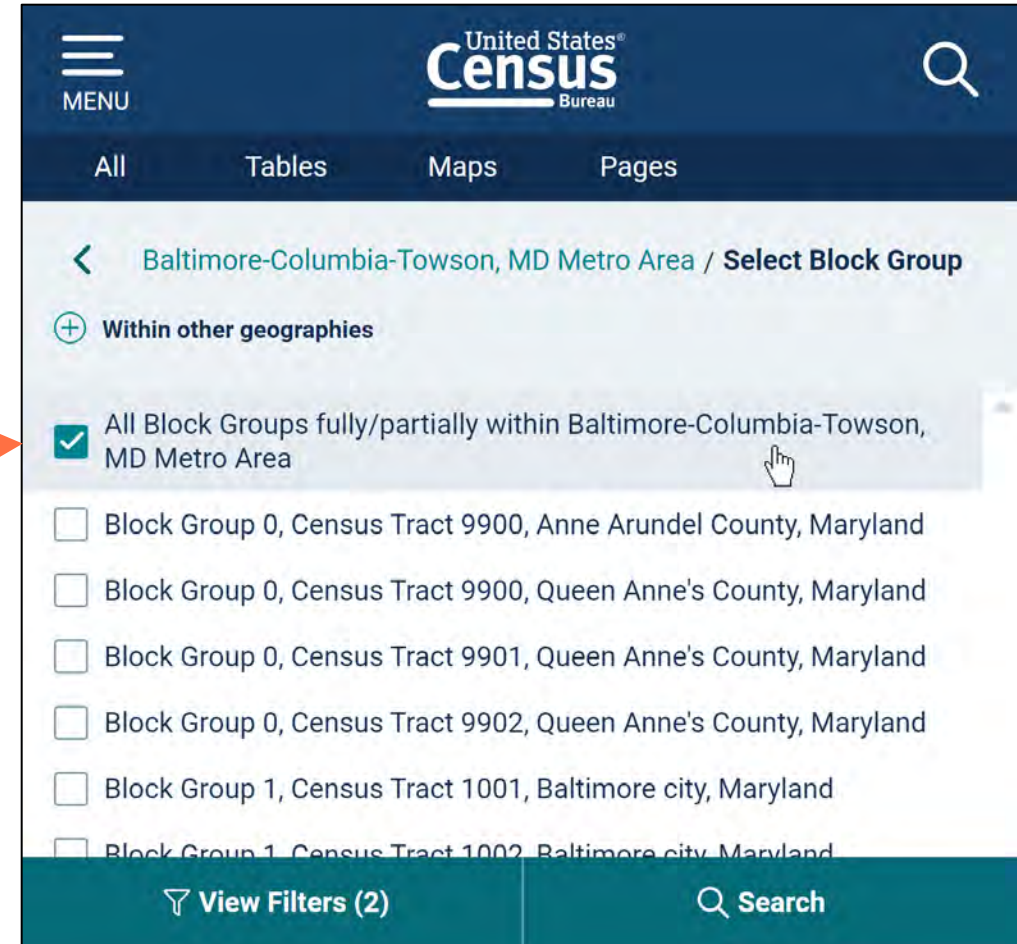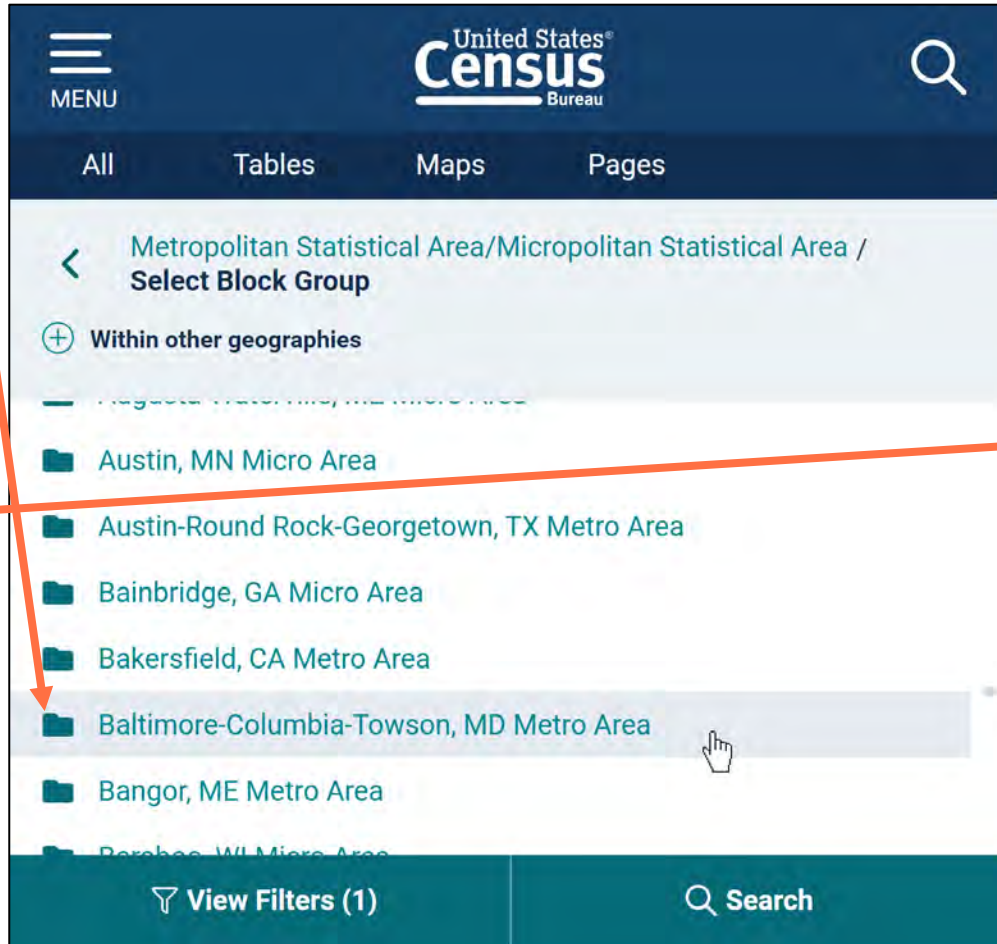
Select Year: 2020

- Select Year
    - Years → **2020**

Select Dataset: ACS 5-Year Estimates Detailed Tables

- Select Dataset Surveys → American Community Survey → 5-Year Estimates → **Detailed Tables**

Select Topics

- Select **Topics**

- Only topics that are compatible with your search criteria will appear. All other topics and folders will not be shown.

Select Topic: Age and Sex

- Select Populations and People → **Age and Sex**

Run Search

- Verify filters and click **Search**

Open Table

- Click **Tables** at the top

- You will get a message that the table is too large to display because it has over 1,000 columns. Click the link to **open the table**.

View Table

- View results

Display Enhancements for Population Estimates Program Tables

You will see a recommended pivot applied to table NA_EST2021_POP by default

Technical updates are in place to streamline this process in the future

Refreshed Download Experience: New Buttons

New buttons at the top of the table for Excel, CSV, and ZIP

- Use Excel and CSV to get output similar to table display

- Use ZIP to get machine-readable output

Refreshed Download Experience: Download Queue

You can continue to use the site and queue up multiple downloads at the same time

Mapping Enhancements

New buttons replaced previous drop-down menus

New functionality to:
- Show more boundaries (Style button)
- Identify a point on the map
- View more basemap options
- Adjust transparency
- Save the center point on your map

Demo

1. ## Profile
   Example: Geography Profile for Baltimore city

2. ## Navigation and Result List
   Example: Housing units in Baltimore County in 2020

3. ## Filtering and Table Display
   Example: 2020 ACS 5-year Detailed Tables for age in:
   - Baltimore Metro Area
   - All block groups in the Baltimore Metro Area

4. ## **Mapping**
   Example: Percent public transit for all counties in Baltimore Metro area

Open the Filter Panel

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

Geography Filter Panel

- Click **Geography** in the left filter panel

- Click **County**

Select Counties

- Select **Maryland**

Select counties:
- **Anne Arundel**
- **Baltimore**
- **Baltimore city**
- **Carroll**
- **Harford**
- **Howard**
- **Queen Anne's**

Select Topics

- Select **Topics**

- Only topics that are compatible with the geography selection will appear. All other topics and folders will not be shown.

Select Topic: Commuting

- Select Employment → **Commuting**

Run Search

- Verify filters and click **Search**

View Table

- Click **Tables** at the top

- Find an estimate you would like to map

Navigate to Map

Navigate to the map tab

- Click **Maps** at the top

- Click the table that contains the data you want to map, and then close the results panel so you can see the map across your full screen
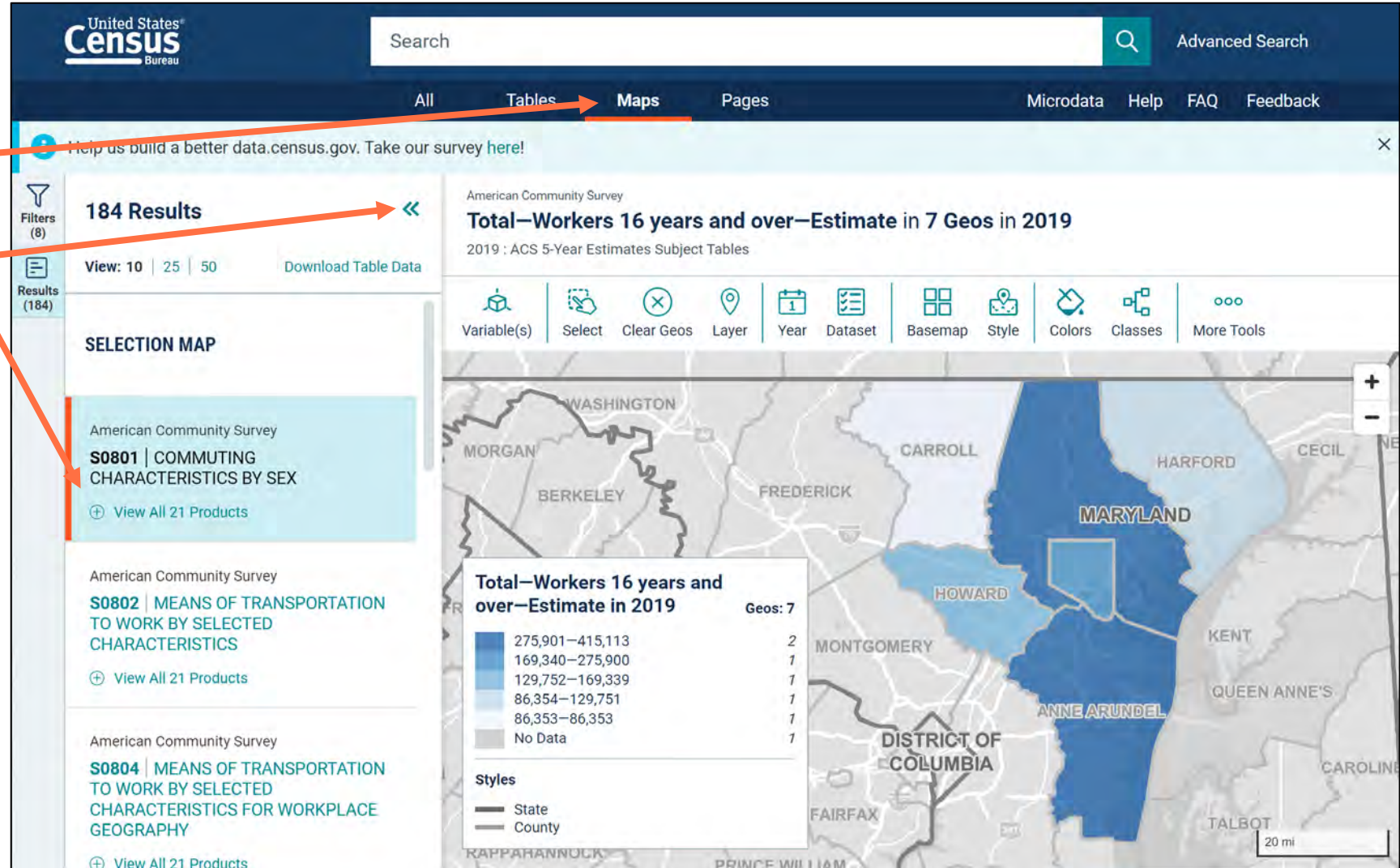
New Buttons in Map Toolbar

- New buttons are shown at the top of the map: Variables, Layer, Year, Dataset, Style, Colors, Classes and Identify

- The Style and Identify buttons allow you to access new features. The remaining buttons allow you to access the pre-existing options to customize your map all in one place
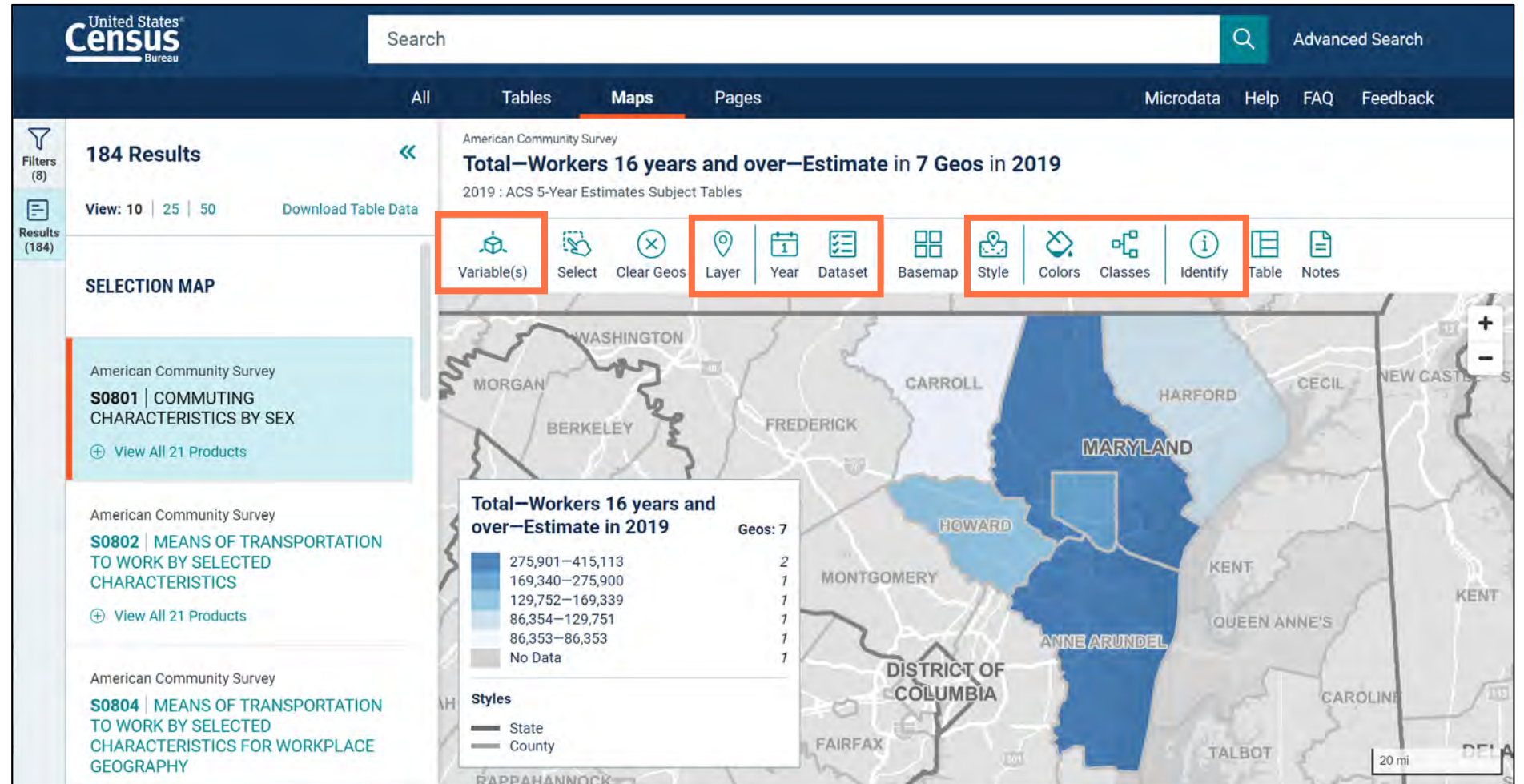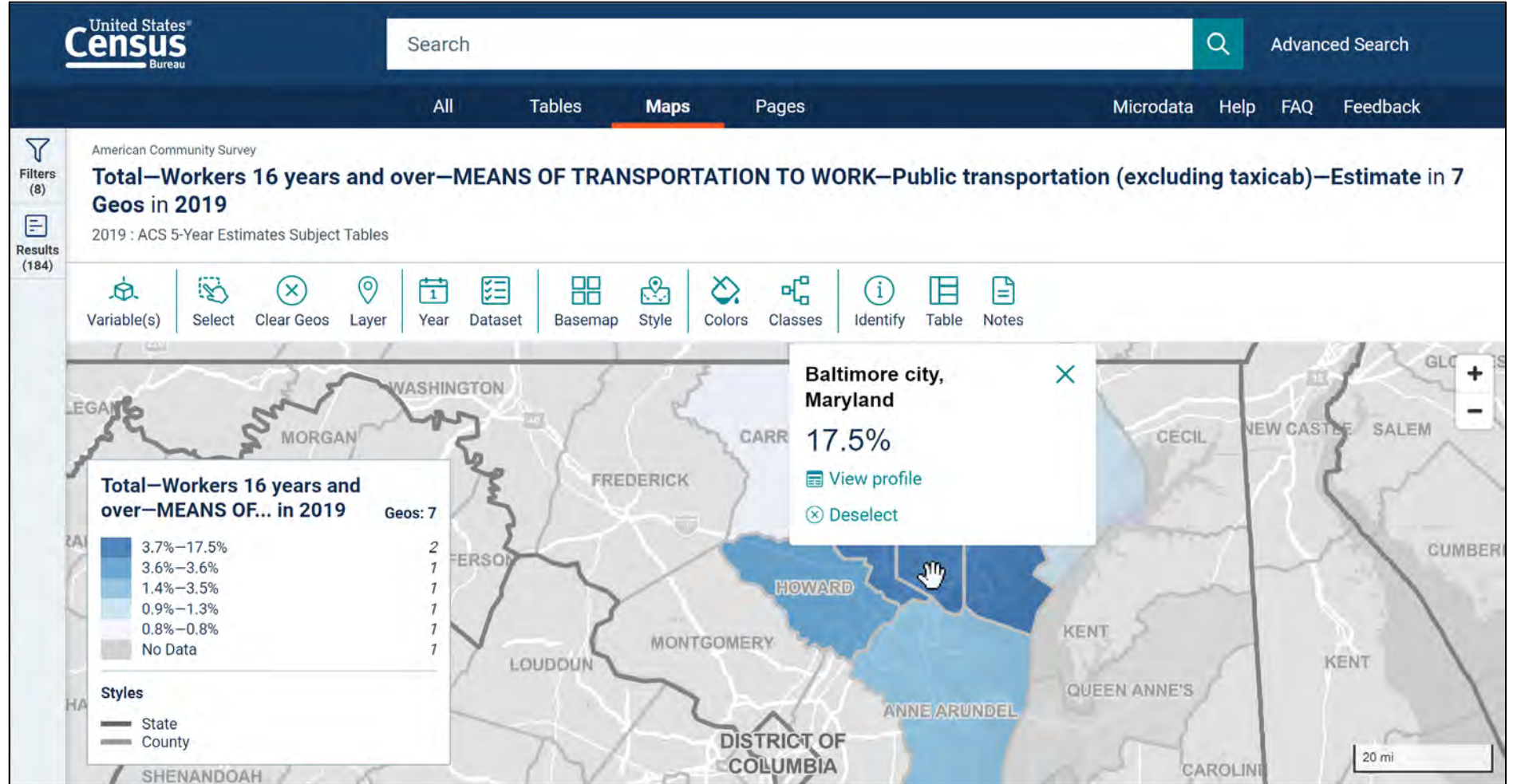
Select Your Variable

- Click the **Variables** button

- Type **public** in the search box

- Select **Total-Workers 16 years and over-MEANS OF TRANSPORTATION TO WORK-Public transportation (excluding taxicab)-Estimate**

- Click the **Variables** button again to hide the pop-up menu

View Map

- View percent of workers taking public transportation to work for all selected counties

Choose Geography Layer
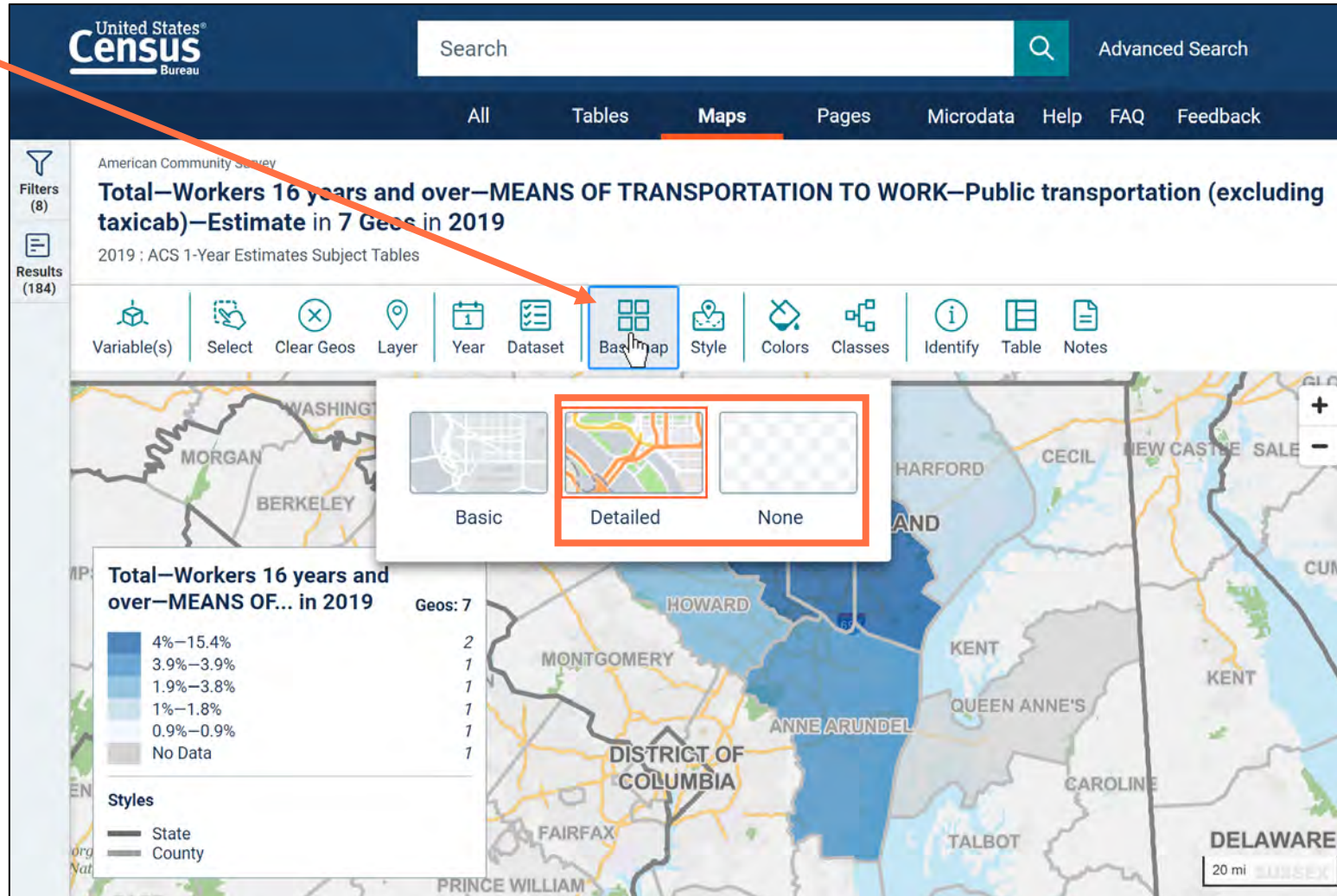
If you would like to change the boundaries shown on your map:
- Click **Layer**
- Click your desired geographic level

New Basemap Option

- Click **Basemap**

- New options for **Detailed** and **None**

New Transparency Option

- Click **Colors**

- Adjust transparency slider

New Style Button

- Click **Style**

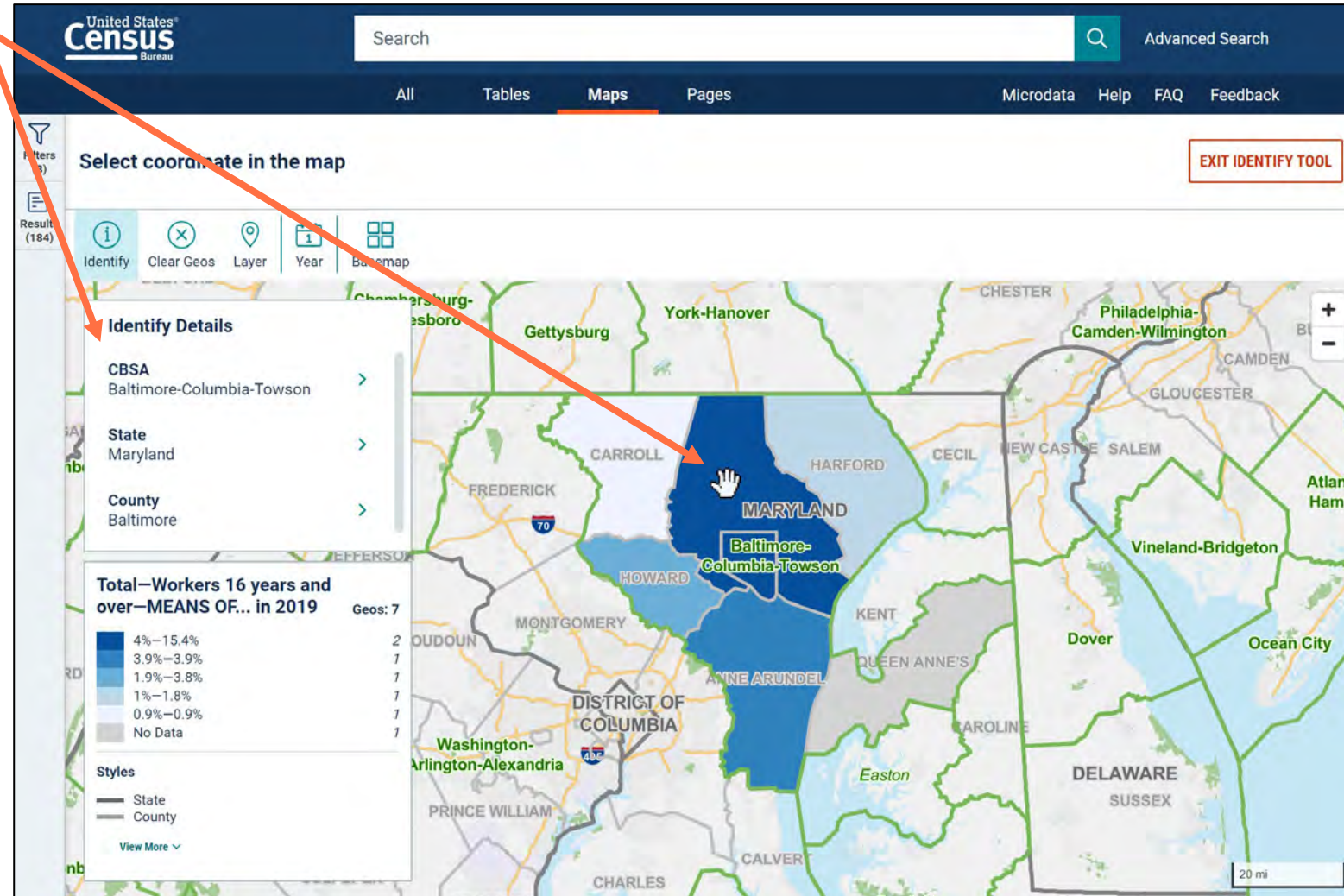- Turn on metropolitan/ micropolitan area lines and labels

Identify Map Point

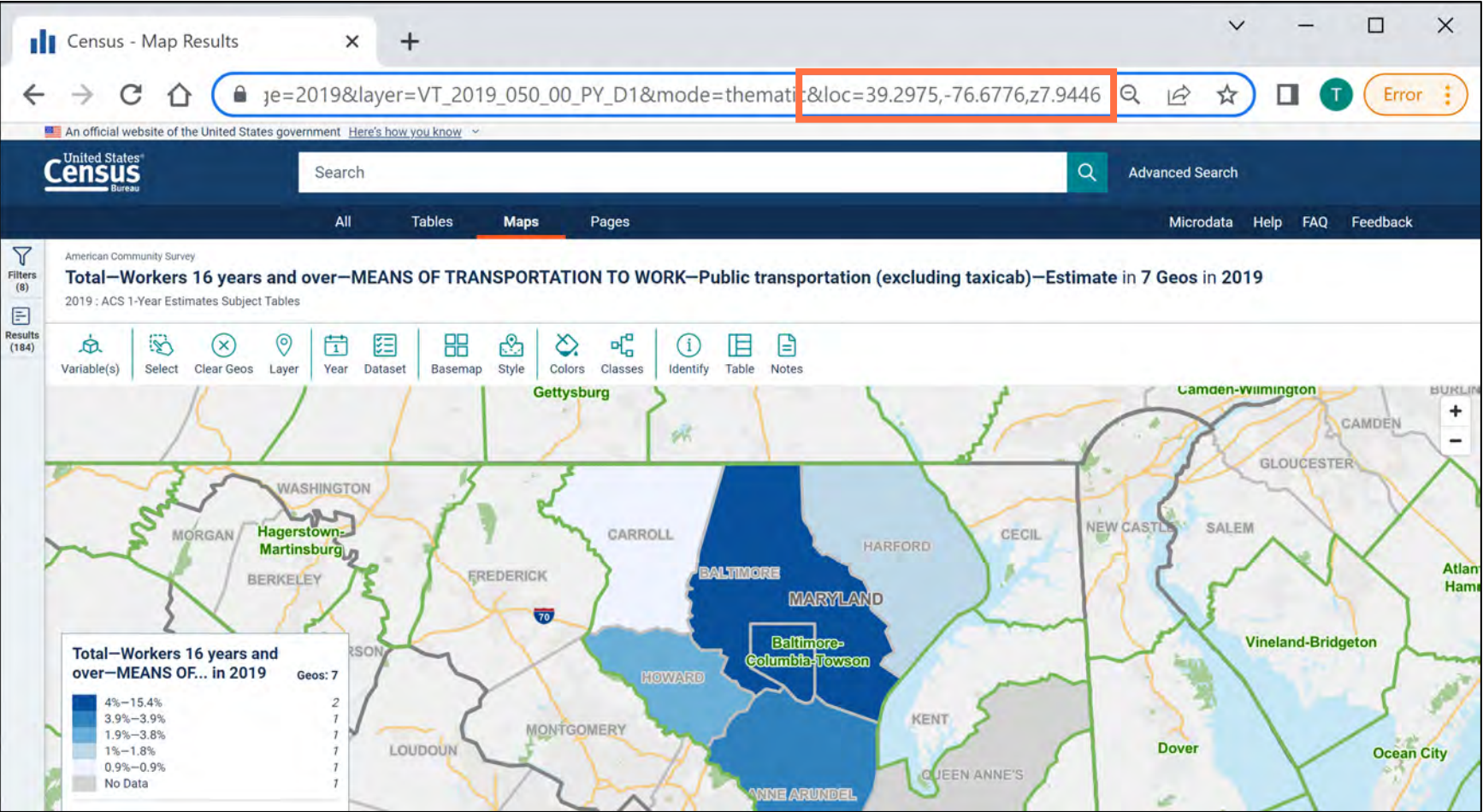- Click the **Identify** button at the top of the map
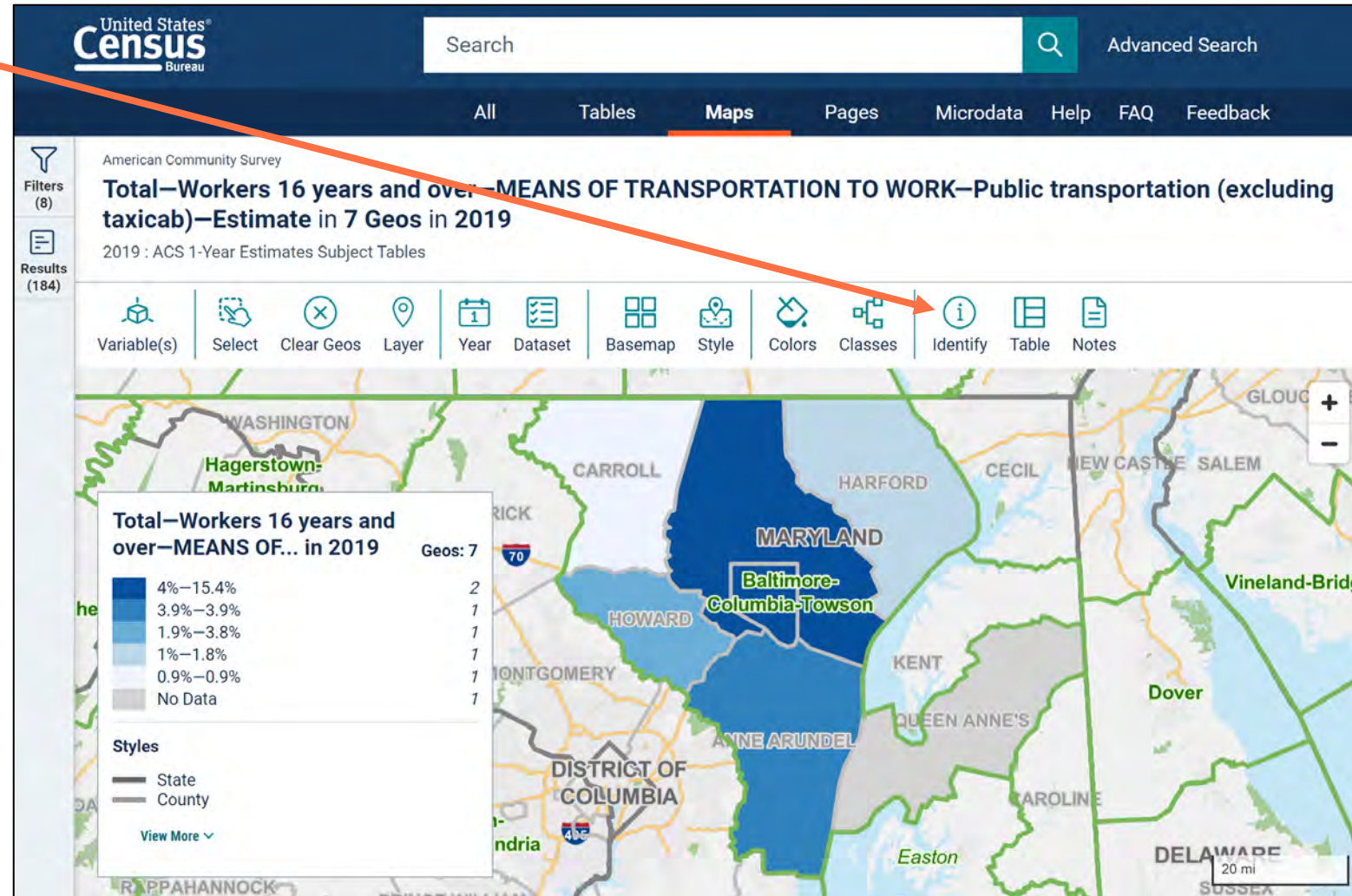
Identify Results

- Click a point on the map

- View the **Identify Details**

Map Improvements: URL Updates

The URL now includes the latitude and longitude for the point the map is centered on, along with the zoom level

2016-2020 ACS 5-Year Estimates

Pre-Release Webinar:

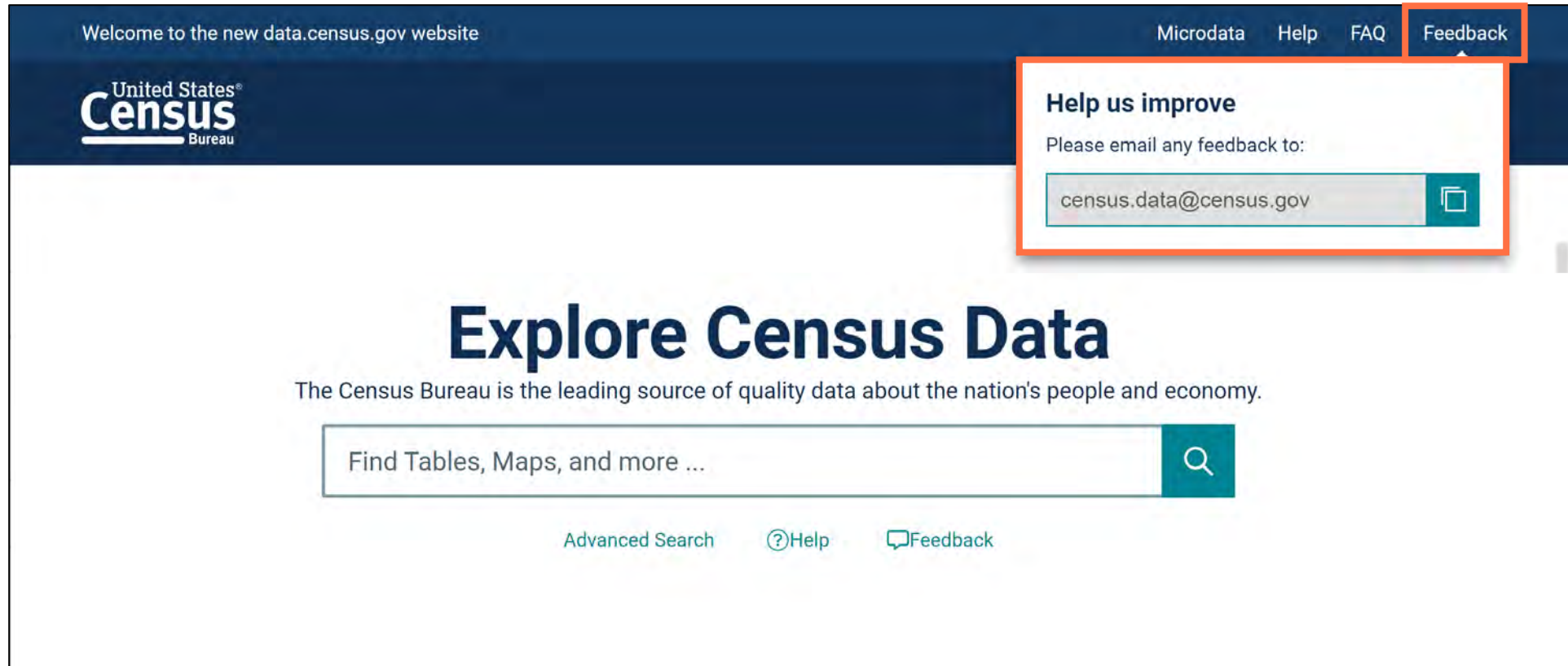https://www.census.gov/newsroom/press-kits/2021/acs-5-year.html

User Notes:

https://www.census.gov/programs-surveys/acs/technical-documentation/user-notes/2022-04.html

https://www.census.gov/programs-surveys/acs/technical-documentation/user-notes/2022-03.html

Our Development Depends on YOUR Feedback

Check out data.census.gov and provide comments at
census.data@census.gov

Help Us Build a Better data.census.gov – Take Our Survey
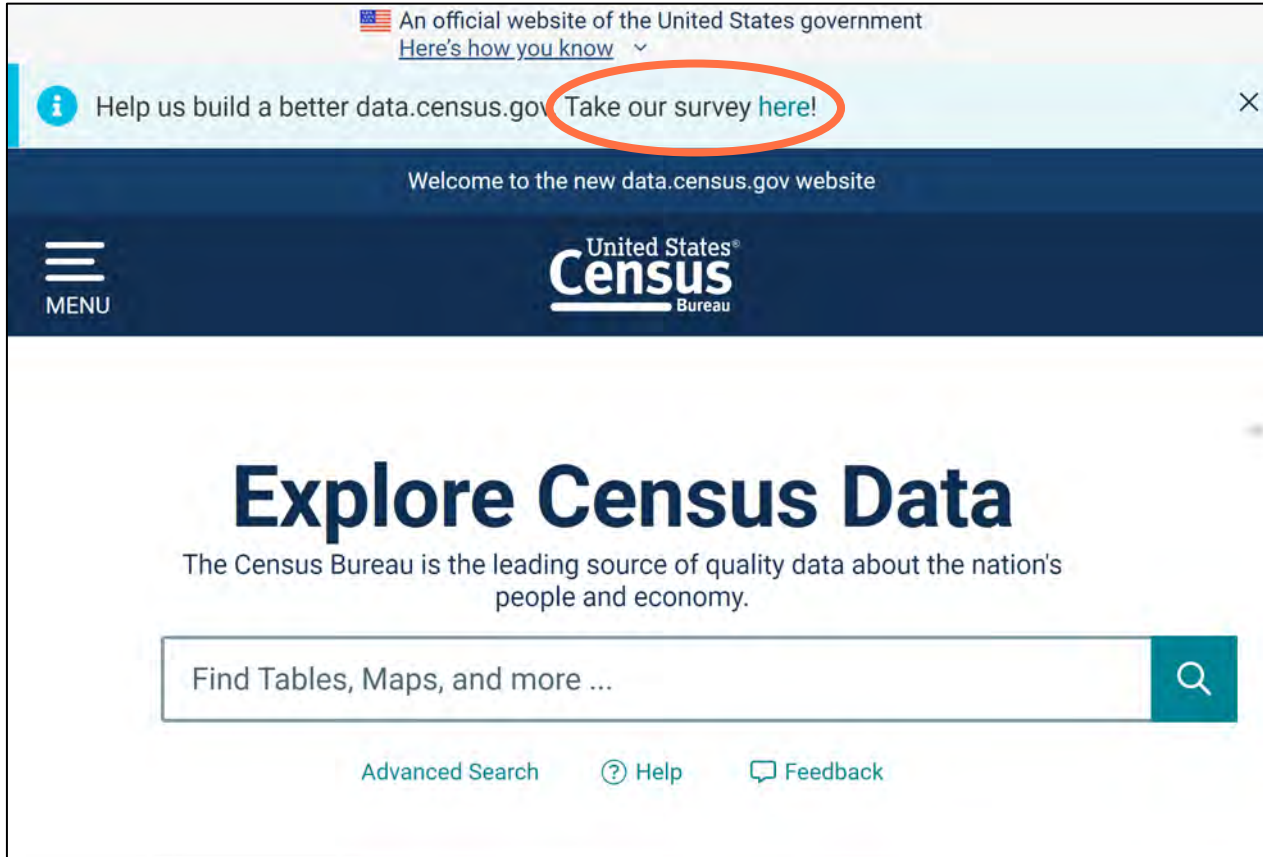
https://research.rm.census.gov/jfe/preview/SV_8jfOBAnz
7PCACea?Q_CHL=preview&Q_SurveyVersionID=current

Email Updates

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

data.census.gov Workshops

Basic and Advanced

- Choose one of many dates
- Register in advance
  (up to 50 people per session)

census.gov/data/what-is-data-census-gov/outreach/workshops.html

Questions

data.census.gov Resources page:
census.gov/data/what-is-data-census-gov.html

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

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