

Accessing and Using the Census Data Portal – data.census.gov

Metropolitan Washington Council of Governments

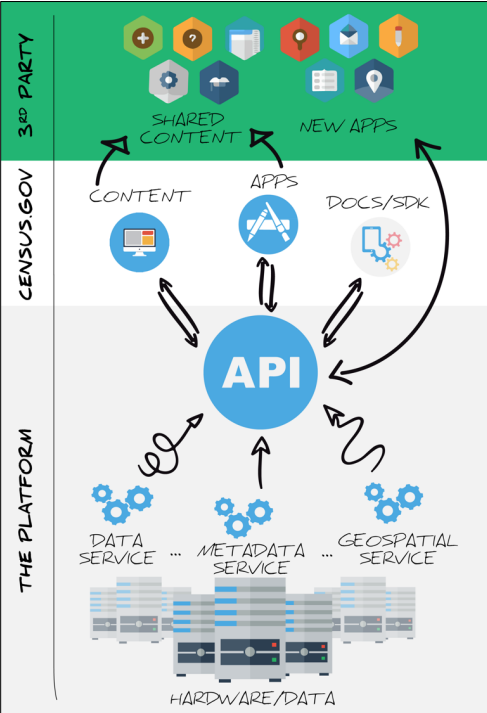
March 9, 2021

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Center for Enterprise Dissemination
Dissemination Outreach Branch
U.S. Census Bureau

Outline

- data.census.gov Overview
- Live Demo and Hands-On Exercises
 - Single Search
 - Advanced Search
 - Address Lookup, Table Customization, Mapping
 - Download, Export, Print
 - Race/Ethnicity Searches
- Answers to Common Questions
- Latest Updates
- Q&A

data.census.gov: Changing the Way You Get Data



Disability

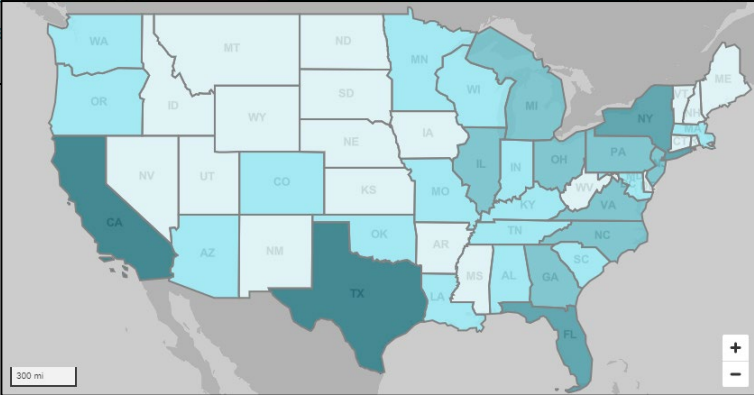
11.4% +/- 0.3%
Disabled population in Maryland

12.6% +/- 0.1%
Disabled population in the United States

Table: DP02
Table Survey/Program: 2018 American Community Survey

Types of Disabilities in Maryland

- Hearing difficulty - 3.0%
- Vision difficulty - 1.9%
- Cognitive difficulty - 4.8%
- Ambulatory difficulty - 5.9%
- Self-care difficulty - 2.1%
- Independent living difficulty - 5.1%



ACS DEMOGRAPHIC AND HOUSING ESTIMATES		
Survey/Program: American Community Survey		Product: 2018: ACS 1-Year Estimates Data Pr
TableID: DP05		
	United States	
	Estimate	Percent
▼ SEX AND AGE		
▼ Total population	327,167,439	327,167,439
Male	161,118,151	49.2%
Female	166,049,288	50.8%
Ratio (males per 1...	97.0	(X)
Under 5 years	19,646,315	6.0%
6-9 years	19,805,900	6.1%
10-14 years	21,392,922	6.5%

data.census.gov

Data on data.census.gov

General Data Availability:

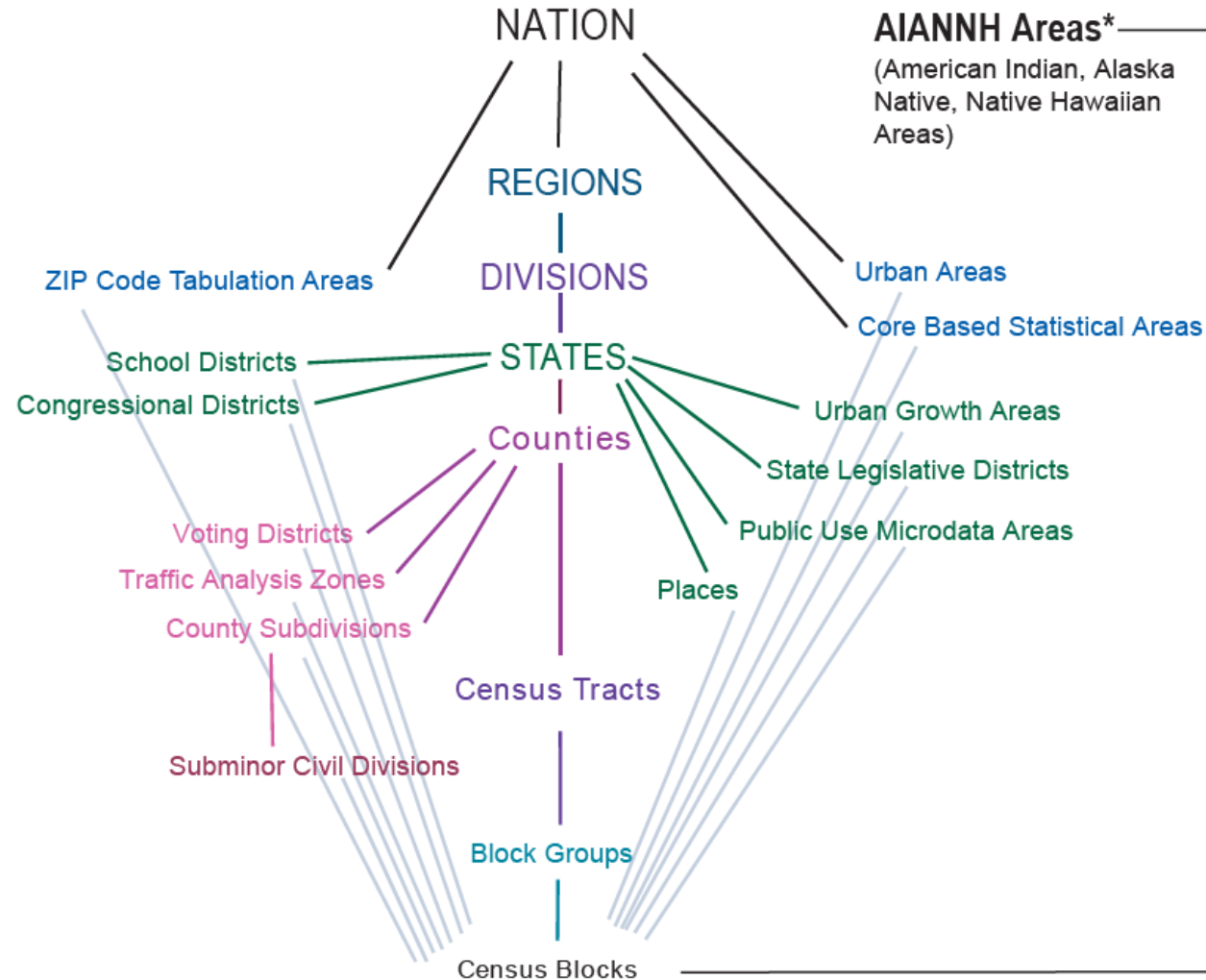
- American Community Survey (ACS): 2010-2019
- Decennial Census: 2000 & 2010
- Econ Census and Selected Surveys: 2012-present

	2000	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
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 Supplemental Estimates						✓	✓	✓			

	2000	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
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), Summary 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 Summary File	✓	✓									
Decennial Guam, Northern Mariana Island, and U.S. Virgin Islands Summary File	✓	✓									
Decennial Year of Entry: Guam, American Samoa, and Northern Mariana Islands		✓									

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

Geography Hierarchy



Outline

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 - Advanced Search
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- Latest Updates
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- Q&A

Single Search - Quick Wins for All Users



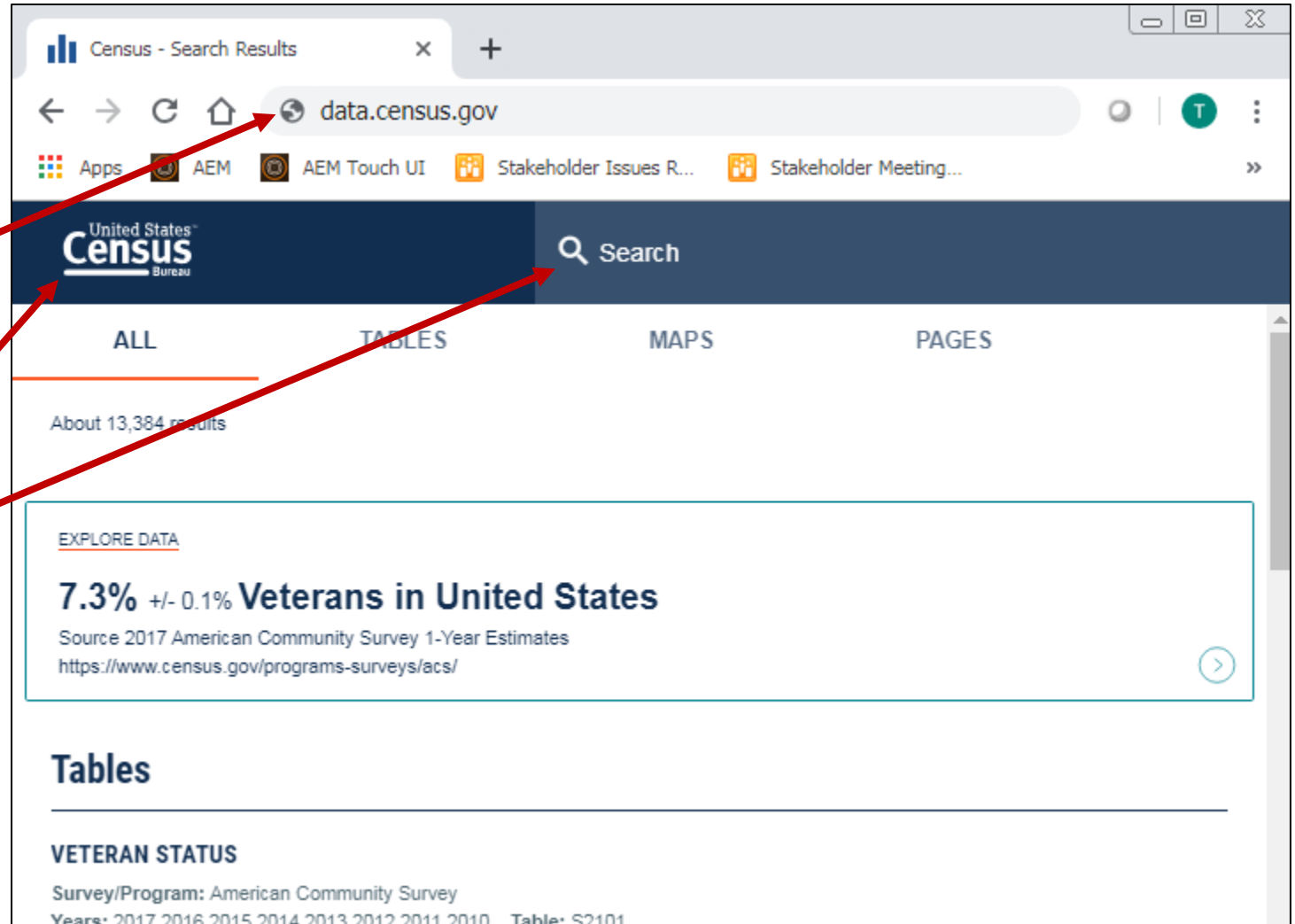
Use for quick wins to find things like:

- **Simple statistics**
Percent health insurance in Arizona
- **Profile for a single geography**
North Dakota profile
- **NAICS**
531110
- **Table ID**
B19001
- **Groups of tables**
CP, EC, DP

Clearing Your Search

Three ways to clear your search and start new:

- Type data.census.gov in the address bar
- Click on the Census Bureau logo in the upper left
- Type a new search in the single search bar



The screenshot shows a web browser window with the URL `data.census.gov`. The browser's address bar contains the URL, and the page title is "Census - Search Results". The website header features the "United States Census Bureau" logo on the left and a search bar on the right. Below the header, there are navigation tabs for "ALL", "TABLES", "MAPS", and "PAGES". The "ALL" tab is selected, and the page displays "About 13,384 results". A prominent result is titled "7.3% +/- 0.1% Veterans in United States", with a sub-heading "EXPLORE DATA". Below this, it states "Source 2017 American Community Survey 1-Year Estimates" and provides a URL: `https://www.census.gov/programs-surveys/acs/`. Further down, there is a section for "Tables" with a sub-heading "VETERAN STATUS". At the bottom, it lists "Survey/Program: American Community Survey" and "Years: 2017, 2016, 2015, 2014, 2013, 2012, 2011, 2010" along with "Table: S2101". Three red arrows point from the text on the left to the address bar, the Census Bureau logo, and the search bar.

data.census.gov Demo

Using single search to find data on:

- Geography Profile for Washington, D.C.
- DP0 for Washington, D.C.
- Veterans Maryland
- S2401 in Prince George's County, MD
- Place of work
- NAICS 622

Exercise 1: Single Search

What are quick ways to find:

- Commuting in Virginia
- Table CB1800CBP
- All tables for NAICS 4231
- B19013 for all counties in Virginia
- Visualizations for popular Census Bureau data for Arlington County
(i.e. Geography Profile for Arlington County)

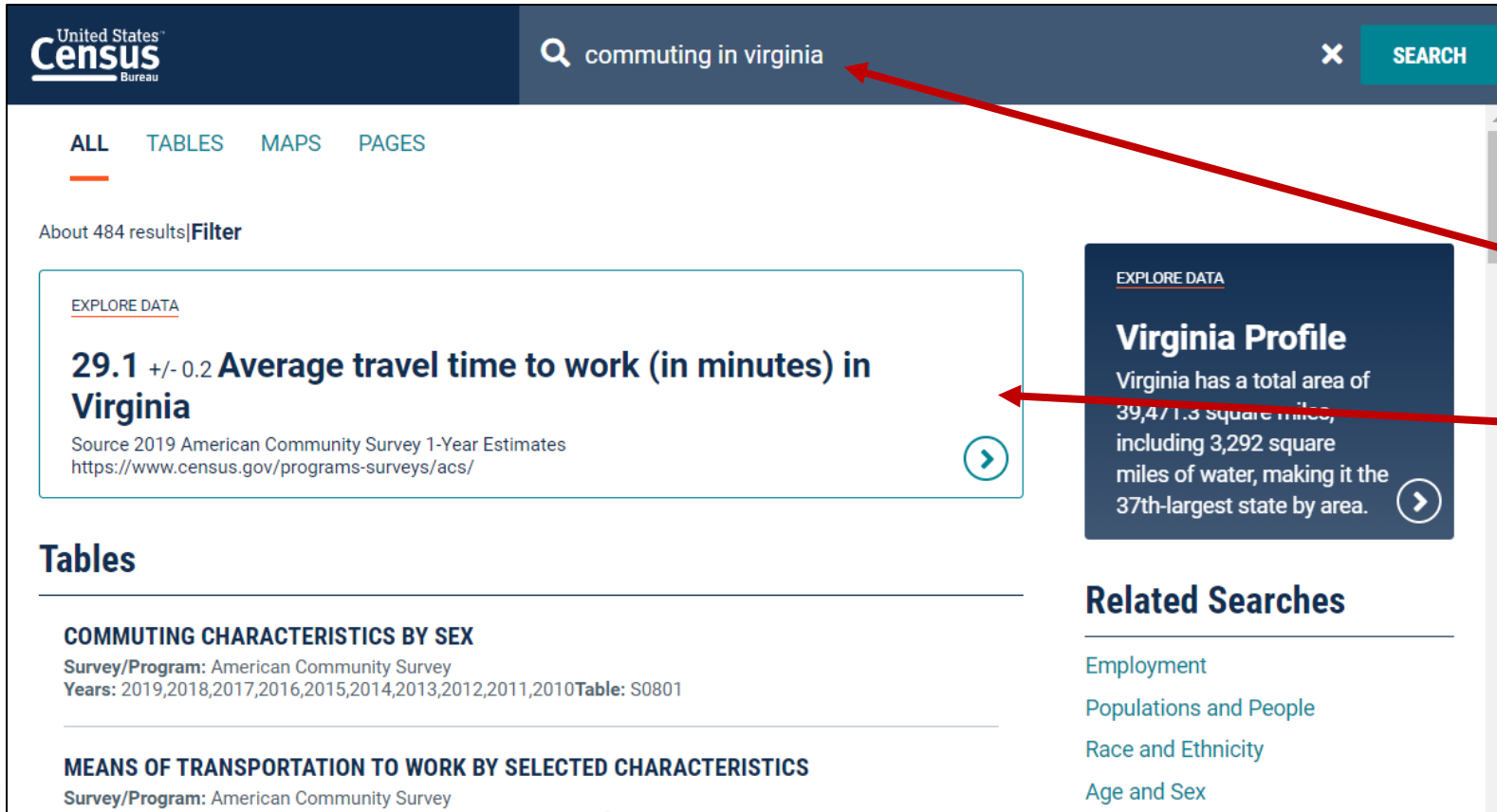
Exercise 1: Single Search

What are quick ways to find:

- Commuting in Virginia: **29.1 min average travel time to work**
- Table CB1800CBP
 - **Type CB1800CBP in the single search**
- All tables for NAICS 4231
 - **Type 4231 in the single search**
- B19013 for all counties in Virginia
 - **Type B19013 for all counties in Virginia in the single search**
- Visualizations of popular Census Bureau data for Arlington County, VA (i.e. Geography Profile for Arlington County, VA)
 - **Type Arlington County in the single search and click Arlington County, Virginia Profile**

Exercise 1a: Commuting in Virginia

Answer: 29.1 minutes



The screenshot shows the United States Census Bureau website search results for the query "commuting in virginia". The search bar at the top contains the text "commuting in virginia" and a "SEARCH" button. Below the search bar, there are navigation tabs for "ALL", "TABLES", "MAPS", and "PAGES". The "ALL" tab is selected. Below the tabs, it says "About 484 results | Filter". The main content area features a featured result for "29.1 +/- 0.2 Average travel time to work (in minutes) in Virginia" with a source link to the 2019 American Community Survey. To the right of the featured result is a "Virginia Profile" card with a brief description of the state's area. Below the featured result is a "Tables" section with two table options: "COMMUTING CHARACTERISTICS BY SEX" and "MEANS OF TRANSPORTATION TO WORK BY SELECTED CHARACTERISTICS". To the right of the tables is a "Related Searches" section with links for "Employment", "Populations and People", "Race and Ethnicity", and "Age and Sex". Two red arrows point from the text on the right to the search bar and the featured result.

United States Census Bureau

commuting in virginia

SEARCH

ALL TABLES MAPS PAGES

About 484 results | Filter

EXPLORE DATA

29.1 +/- 0.2 Average travel time to work (in minutes) in Virginia

Source 2019 American Community Survey 1-Year Estimates
<https://www.census.gov/programs-surveys/acs/>

EXPLORE DATA

Virginia Profile

Virginia has a total area of 39,471.3 square miles, including 3,292 square miles of water, making it the 37th-largest state by area.

Tables

COMMUTING CHARACTERISTICS BY SEX

Survey/Program: American Community Survey
Years: 2019,2018,2017,2016,2015,2014,2013,2012,2011,2010 Table: S0801

MEANS OF TRANSPORTATION TO WORK BY SELECTED CHARACTERISTICS

Survey/Program: American Community Survey

Related Searches

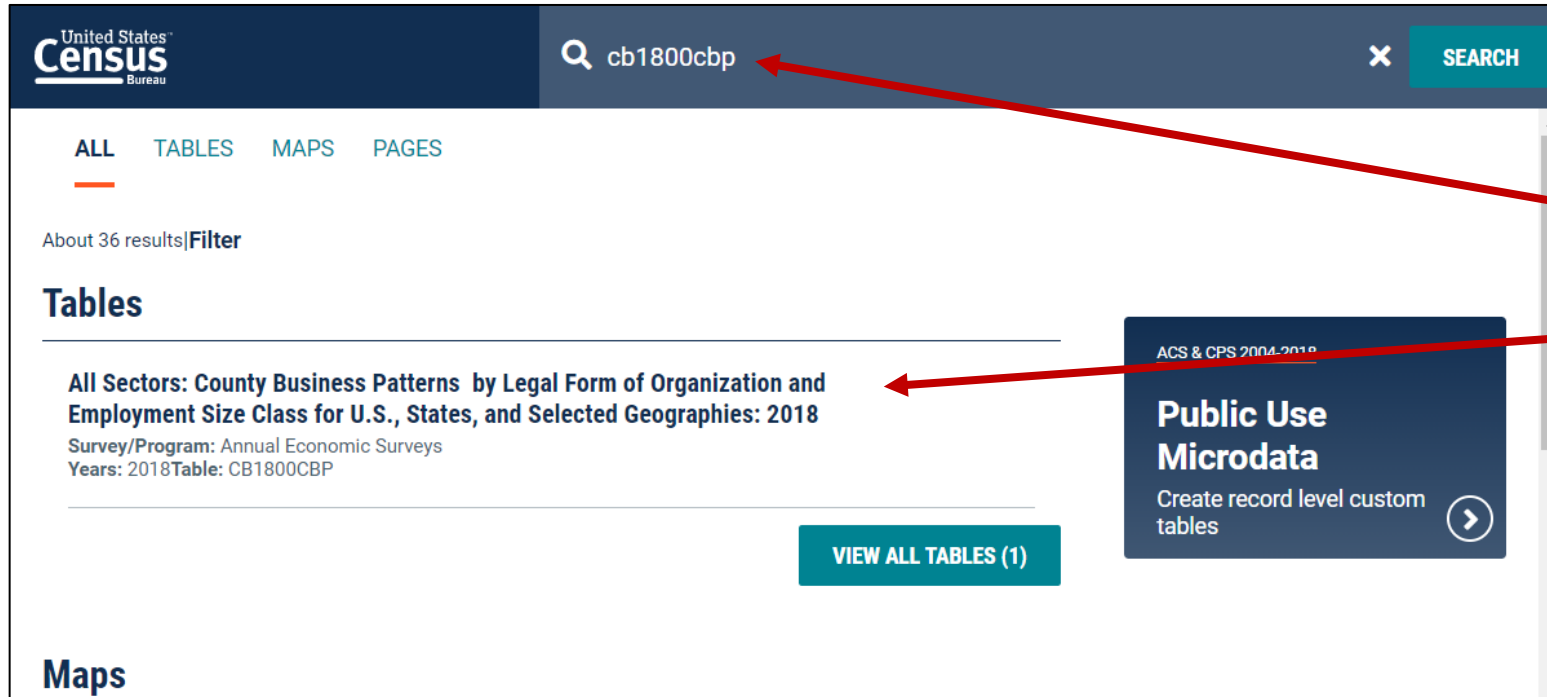
Employment
Populations and People
Race and Ethnicity
Age and Sex

Using the single search bar

- Type topic + geography
 - Commuting Virginia
 - Virginia commute
 - Commuting time in Virginia
- View featured result at the top of the page

Exercise 1b: Table CB1800CBP

Answer: Type CB1800CBP in the single search



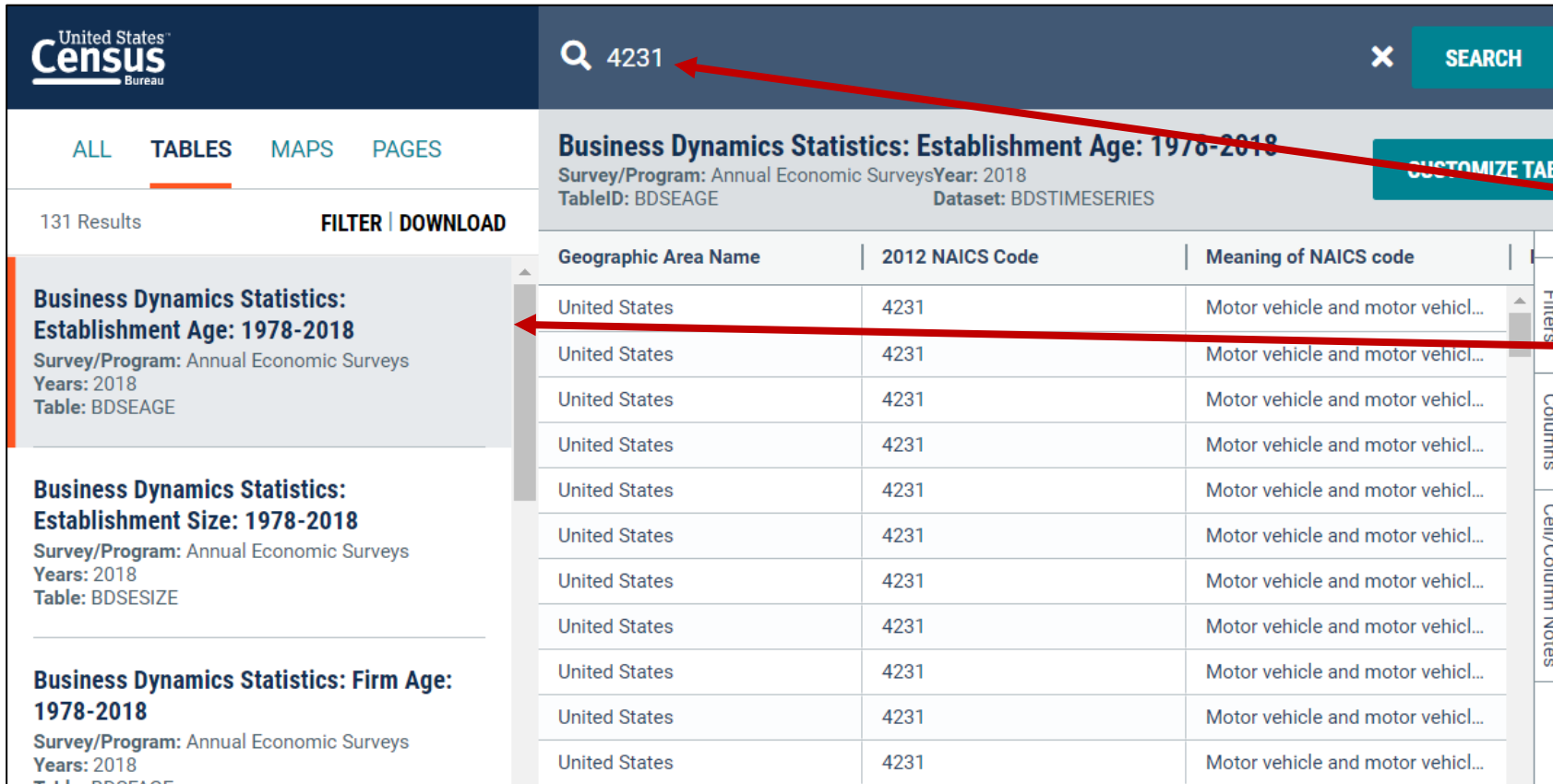
The screenshot shows the United States Census Bureau search interface. At the top left is the logo. A search bar at the top right contains the text 'cb1800cbp' and a 'SEARCH' button. Below the search bar are navigation tabs for 'ALL', 'TABLES', 'MAPS', and 'PAGES', with 'ALL' selected. The results section shows 'About 36 results | Filter'. Under the 'Tables' heading, a table result is displayed: 'All Sectors: County Business Patterns by Legal Form of Organization and Employment Size Class for U.S., States, and Selected Geographies: 2018'. Below this title, it specifies 'Survey/Program: Annual Economic Surveys' and 'Years: 2018 Table: CB1800CBP'. A 'VIEW ALL TABLES (1)' button is located below the table result. To the right of the table result is a 'Public Use Microdata' card with the text 'Create record level custom tables' and a right-pointing arrow. A 'Maps' section is partially visible at the bottom left. Two red arrows point from the text on the right to the search bar and the table result.

Using the single search bar

- Type CB1800CBP in the single search
- View the table result

Exercise 1c: All tables for NAICS 4231

Answer: Type 4231 in the single search



United States Census Bureau

4231 SEARCH

ALL TABLES MAPS PAGES

131 Results FILTER | DOWNLOAD

Business Dynamics Statistics: Establishment Age: 1978-2018
Survey/Program: Annual Economic Surveys
Years: 2018
Table: BDSEAGE

Business Dynamics Statistics: Establishment Size: 1978-2018
Survey/Program: Annual Economic Surveys
Years: 2018
Table: BDSESIZE

Business Dynamics Statistics: Firm Age: 1978-2018
Survey/Program: Annual Economic Surveys
Years: 2018
Table: BDSEAGE

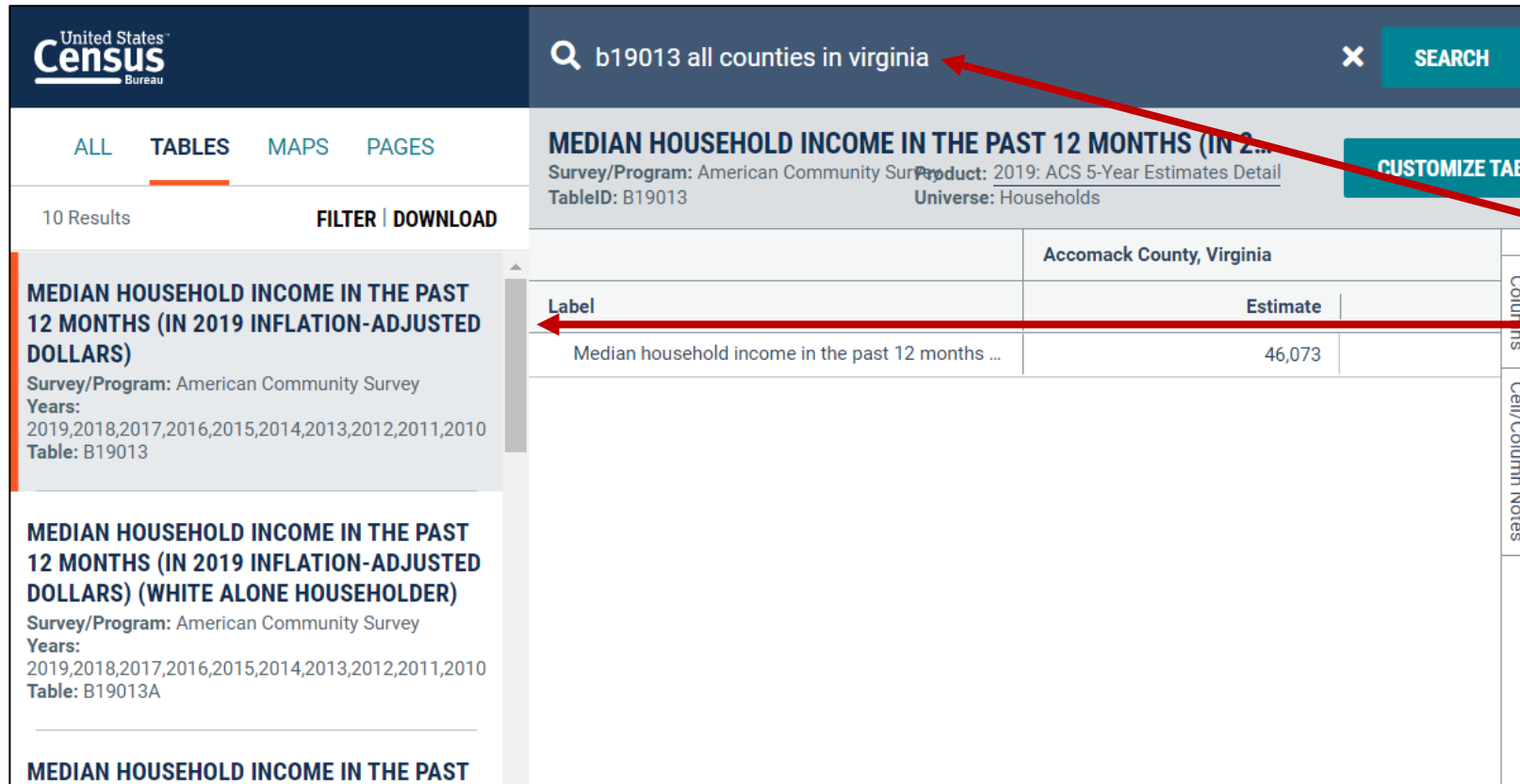
Geographic Area Name	2012 NAICS Code	Meaning of NAICS code
United States	4231	Motor vehicle and motor vehicl...
United States	4231	Motor vehicle and motor vehicl...
United States	4231	Motor vehicle and motor vehicl...
United States	4231	Motor vehicle and motor vehicl...
United States	4231	Motor vehicle and motor vehicl...
United States	4231	Motor vehicle and motor vehicl...
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United States	4231	Motor vehicle and motor vehicl...
United States	4231	Motor vehicle and motor vehicl...
United States	4231	Motor vehicle and motor vehicl...

Using the single search bar

- Type 4231 in the single search
- View the table results

Exercise 1d: B19013 for all counties in Virginia (Option #1)

Answer: Type B19013 for all counties in Virginia in the single search



United States Census Bureau

SEARCH b19013 all counties in virginia

ALL TABLES MAPS PAGES

MEDIAN HOUSEHOLD INCOME IN THE PAST 12 MONTHS (IN 2019 INFLATION-ADJUSTED DOLLARS)

Survey/Program: American Community Survey Product: 2019: ACS 5-Year Estimates Detail TableID: B19013 Universe: Households

10 Results FILTER | DOWNLOAD

Accomack County, Virginia	
Label	Estimate
Median household income in the past 12 months ...	46,073

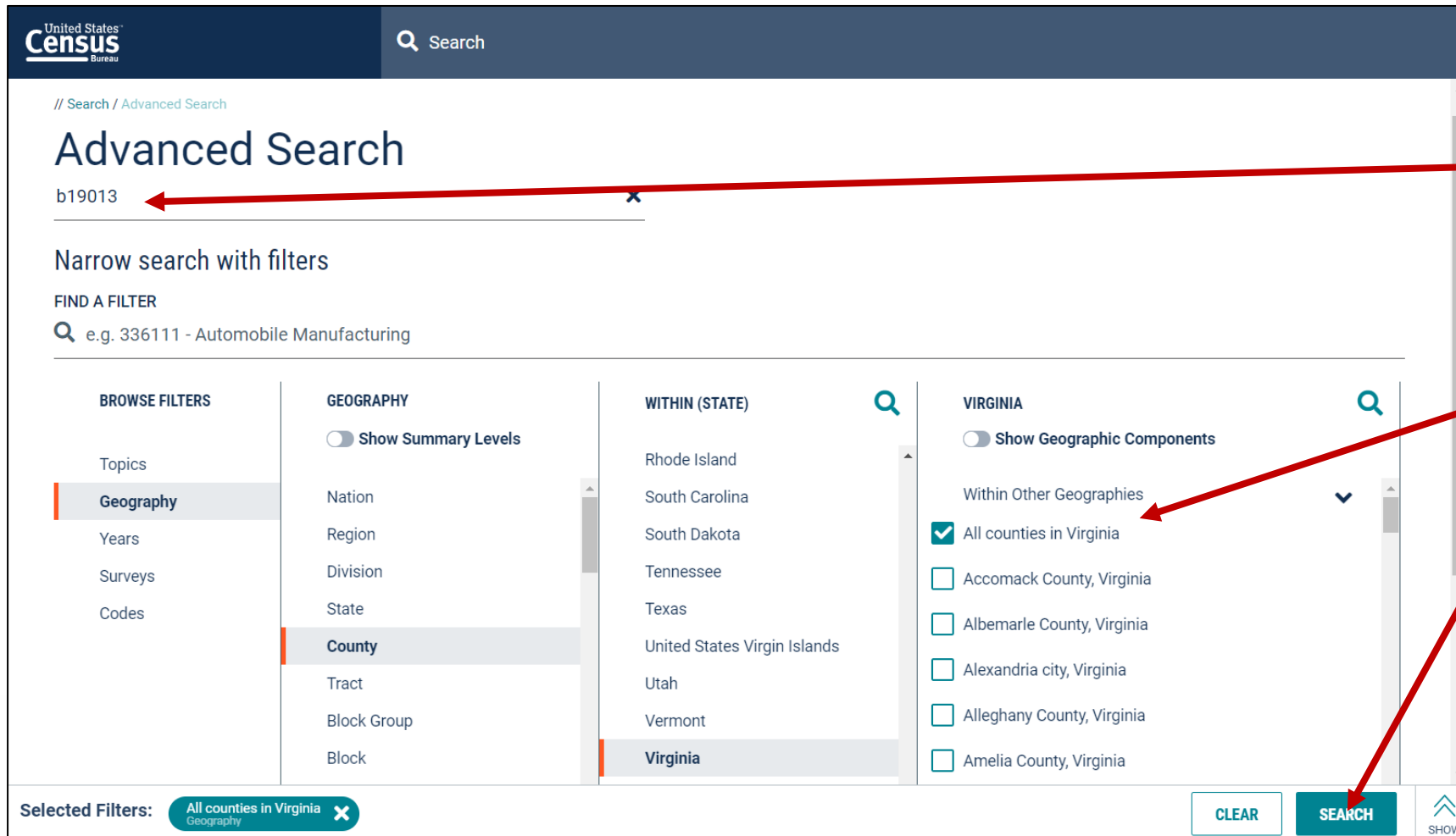
Columns Cell/Column Notes

Using the single search bar

- Type **B19013 all counties in Virginia** in the single search
- View the table results

Exercise 1d: B19013 for all counties in Virginia Option #2

Answer: Type B19013 for all counties in Virginia in the single search



United States Census Bureau

Search

// Search / Advanced Search

Advanced Search

b19013

Narrow search with filters

FIND A FILTER

e.g. 336111 - Automobile Manufacturing

BROWSE FILTERS

- Topics
- Geography**
- Years
- Surveys
- Codes

GEOGRAPHY

Show Summary Levels

- Nation
- Region
- Division
- State
- County**
- Tract
- Block Group
- Block

WITHIN (STATE)

- Rhode Island
- South Carolina
- South Dakota
- Tennessee
- Texas
- United States Virgin Islands
- Utah
- Vermont
- Virginia**

VIRGINIA

Show Geographic Components

Within Other Geographies

- All counties in Virginia
- Accomack County, Virginia
- Albemarle County, Virginia
- Alexandria city, Virginia
- Alleghany County, Virginia
- Amelia County, Virginia

Selected Filters: All counties in Virginia Geography

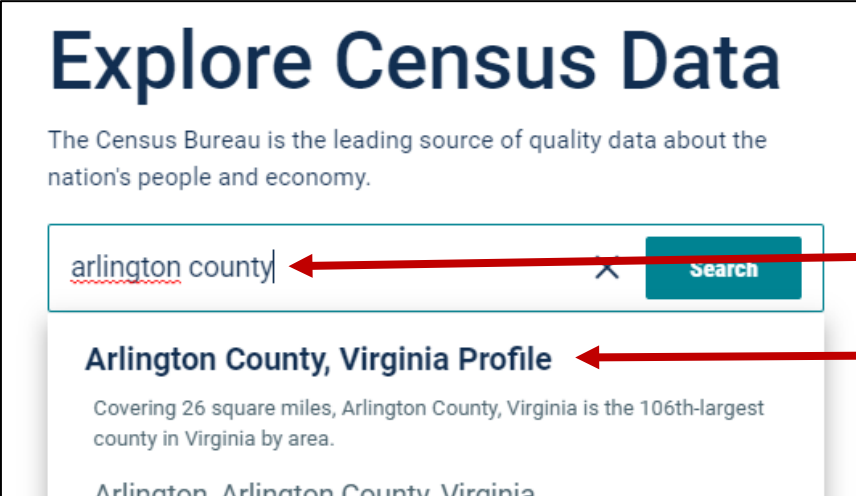
CLEAR SEARCH SHOW

Using the advanced search

- Type **B19013** in the first text box under the advanced search heading
- Select Geography → County → Virginia → **All Counties in Virginia**
- Click **Search** in the lower right

Exercise 1f: Geography Profile for Arlington County, VA

Single Search:



Explore Census Data

The Census Bureau is the leading source of quality data about the nation's people and economy.

arlington county

Arlington County, Virginia Profile

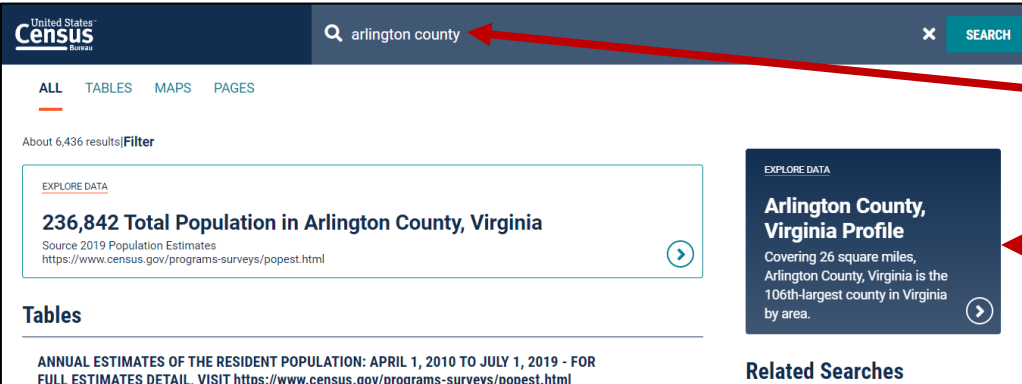
Covering 26 square miles, Arlington County, Virginia is the 106th-largest county in Virginia by area.

Two Ways to access the Geography Profile for Arlington County, VA

1. The Single Search Bar

- Type Arlington County in the single search bar
- Click “Arlington County, Virginia Profile”

All Results Page:



United States Census Bureau

arlington county

ALL TABLES MAPS PAGES

About 6,436 results | Filter

236,842 Total Population in Arlington County, Virginia

Source 2019 Population Estimates
<https://www.census.gov/programs-surveys/popest.html>

Arlington County, Virginia Profile

Covering 26 square miles, Arlington County, Virginia is the 106th-largest county in Virginia by area.

Tables

ANNUAL ESTIMATES OF THE RESIDENT POPULATION: APRIL 1, 2010 TO JULY 1, 2019 - FOR FULL ESTIMATES DETAIL, VISIT <https://www.census.gov/programs-surveys/popest.html>

Related Searches

2. The All Results Page

- Type Arlington County in the single search or use the advanced search filters
- On the right hand side of the screen under “Explore Data”, click “Arlington County, Virginia Profile”



Exercise 1f: Geography Profile for Arlington County, VA

Geography Profile for Arlington County, VA

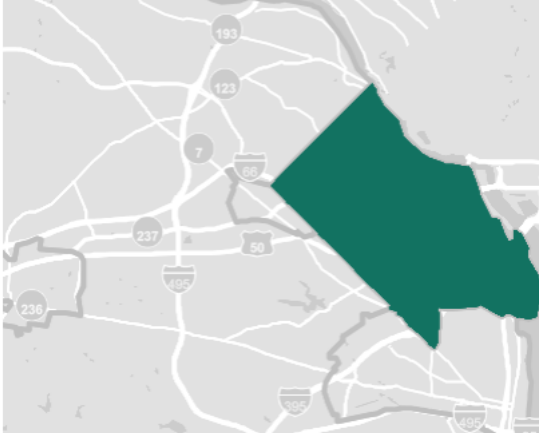
United States
Census
Bureau
🔍 Arlington County, Virginia
✕ **SEARCH**

Arlington County, Virginia


- People and Population
- Race and Ethnicity
- Families and Living Arrangements
- Health
- Education
- Business and Economy
- Employment
- Housing
- Income and Poverty

Arlington County, Virginia


County, or equivalent in Virginia




Covering 26 square miles, Arlington County, Virginia is the 106th-largest county in Virginia by area. Arlington County, Virginia is bordered by District of Columbia, Fairfax County, Falls Church city, Montgomery County, and Alexandria city.




POPULATION
233,464



MEDIAN HOUSEHOLD INCOME
\$120,071



POVERTY RATE
6.8%



BACHELOR'S DEGREE OR HIGHER
75.3%

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Advanced Search



United States[™]
Census
Bureau

Explore Census Data

The Census Bureau is the leading source of quality data about the nation's people and economy.

Find Tables, Maps, and more ... **SEARCH**

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

Advanced Search – More Complex Searches

United States Census Bureau

Search

// Search / Advanced Search

Advanced Search

Narrow search with filters

FIND A FILTER

e.g. 336111 - Automobile Manufacturing

BROWSE FILTERS

- Topics
- Geography
- Years
- Surveys
- Codes

TOPICS

- Business and Economy
- Education
- Employment
- Families and Living Arrangements
- Government
- Health
- Housing
- Income and Poverty
- Populations and People
- Race and Ethnicity

Selected Filters:

CLEAR FILTERS SEARCH MORE

- **Survey/Program or Table Type**
e.g. ACS 5-Year Detailed Tables
- **Geographies with complex names**
e.g. Block 1003, Block Group 1, Census Tract 10.01, District of Columbia
- **Collections of geographies**
e.g. All Census Tracts within Maryland
- **Cross tabulations**
e.g. Health insurance by full/part-time by sex
- **Detailed pop groups**
Race, Tribal, Hispanic Origin, Ancestry, and country of birth groups

FAQ: How do I get started with my search

ask.census.gov/prweb/PRServletCustom?pyActivity=pyMobileSnapStart&ArticleID=KCP-5510

data.census.gov Demo

Advanced Search

- Based on the 2017 American Community Survey Data Profiles, what is the median household income in:
 - Fairfax city, VA
 - Fairfax county, VA
 - ZIP Code Tabulation Area (ZCTA) 22030

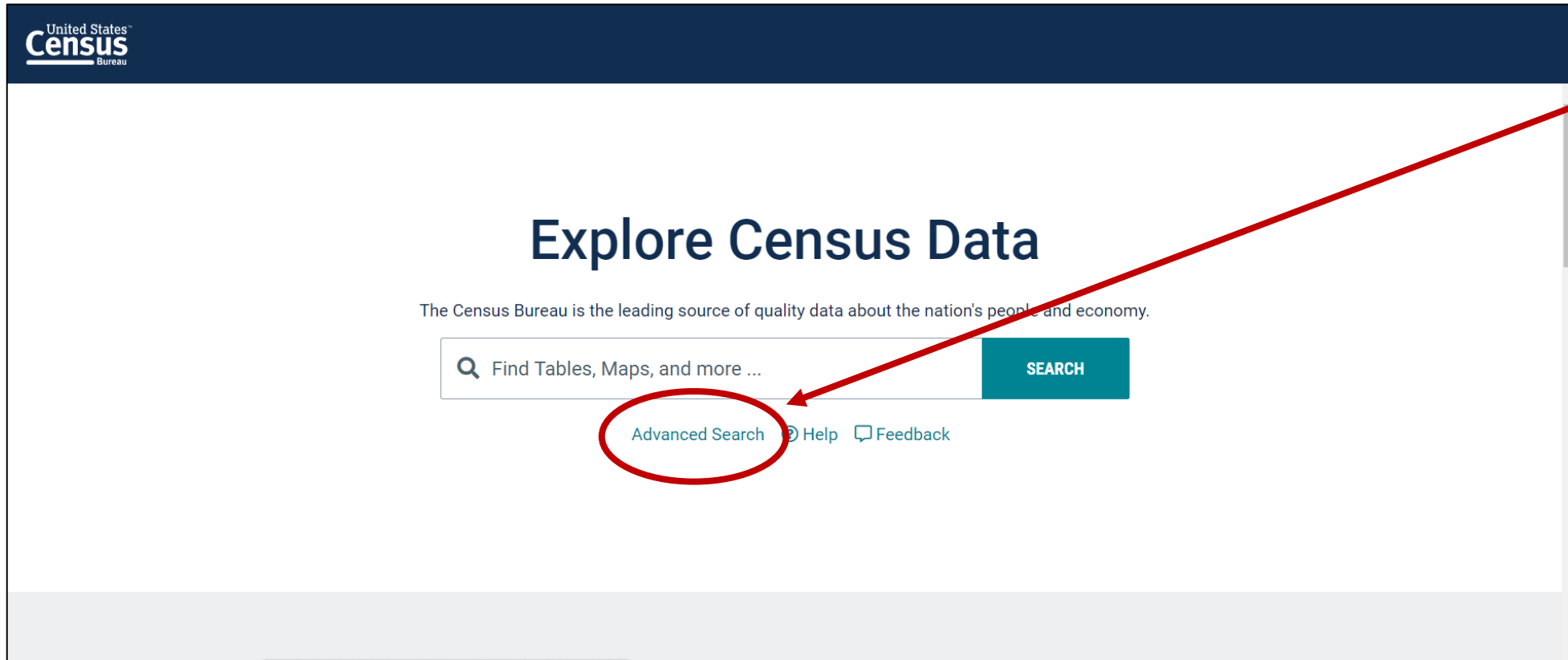
Exercise 2: Advanced Search

- What is the median home value in 2019 for people living in:
 - Maryland
 - Rockville, Maryland
 - Montgomery County, Maryland
 - Washington D.C. Metro Area?
- Using data from the 2010 Decennial Census Redistricting Dataset (P.L. 94-171), what is the total population in these counties in Maryland
 - Prince George's County
 - Anne Arundel County
 - Charles County

Exercise 2: Advanced Search

- What is the median home value in 2019 for people living in:
 - Maryland: **\$332,500**
 - Rockville, Maryland: **\$583,100**
 - Montgomery County, Maryland: **\$496,900**
 - Washington D.C. Metro Area: **\$446,300**
- Using data from the 2010 Decennial Census Redistricting Dataset (P.L. 94-171), what is the total population in these counties in Maryland
 - Prince George's County: **863,420**
 - Anne Arundel County: **537,656**
 - Charles County: **146,551**

Exercise 2a: Median Home Value



United States
Census
Bureau

Explore Census Data

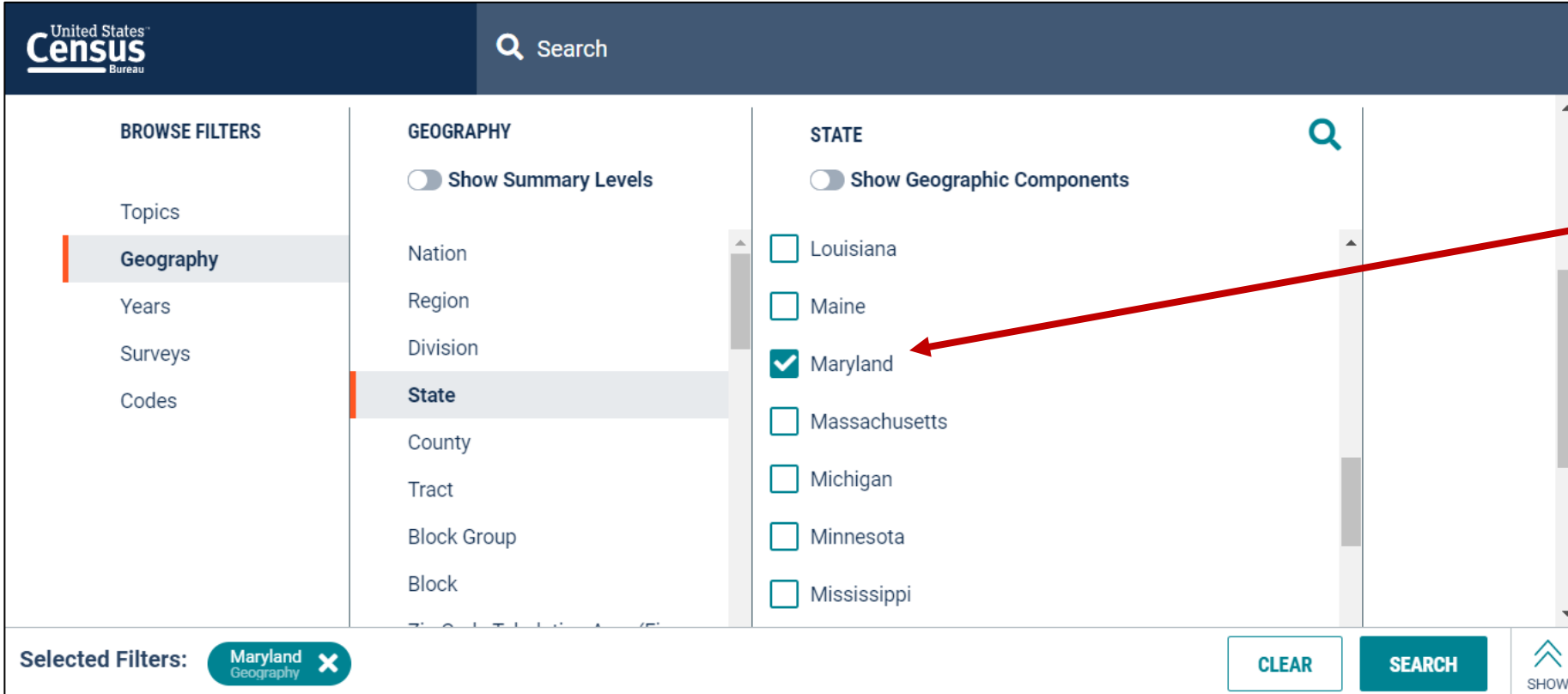
The Census Bureau is the leading source of quality data about the nation's people and economy.

Find Tables, Maps, and more ... **SEARCH**

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

- Click **Advanced Search**

Exercise 2a: Select Geography – Maryland

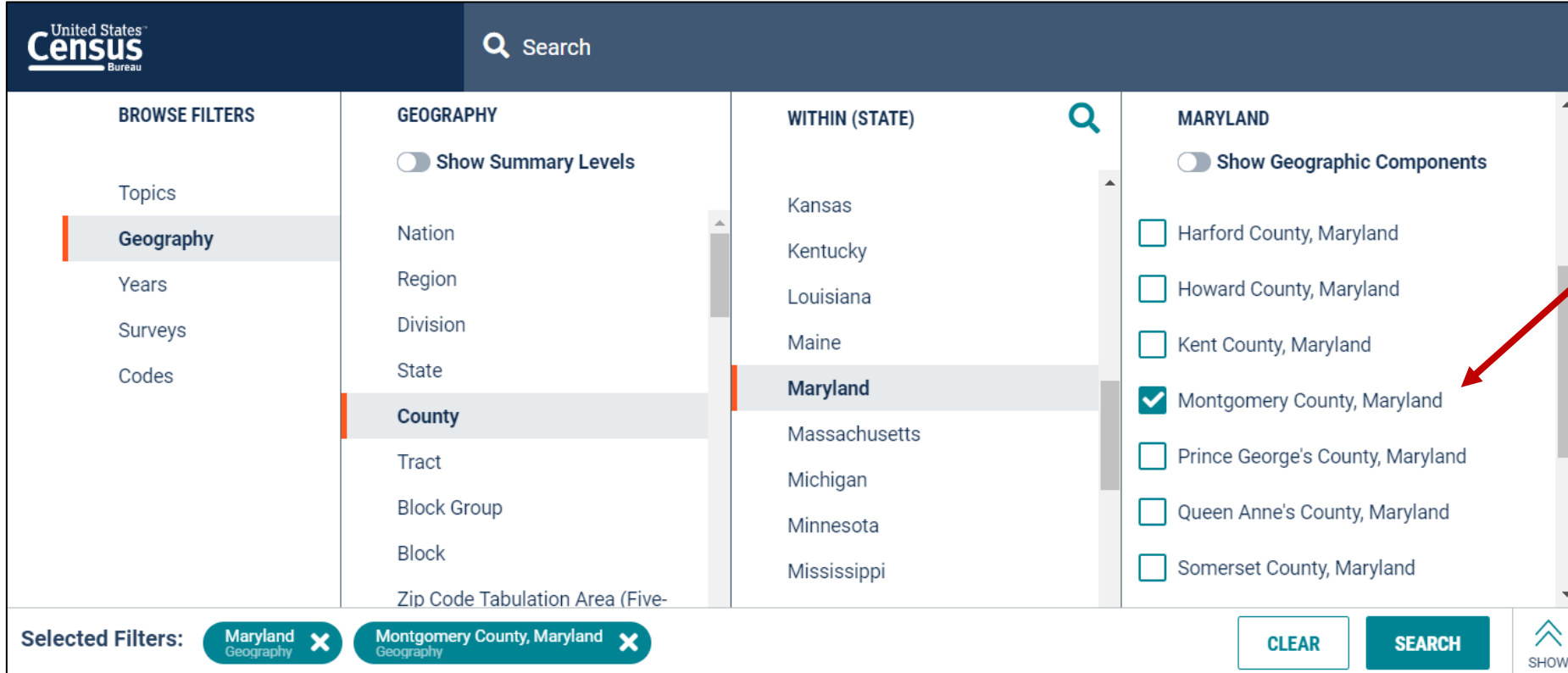


The screenshot shows the United States Census Bureau website interface. At the top left is the logo 'United States Census Bureau'. To the right is a search bar with a magnifying glass icon and the text 'Search'. Below the header is a navigation menu with 'BROWSE FILTERS' and a list of categories: 'Topics', 'Geography' (highlighted with an orange bar), 'Years', 'Surveys', and 'Codes'. To the right of this menu is a 'GEOGRAPHY' section with a toggle for 'Show Summary Levels' and a list of levels: 'Nation', 'Region', 'Division', 'State' (highlighted with an orange bar), 'County', 'Tract', 'Block Group', and 'Block'. To the right of the 'State' level is a 'STATE' section with a toggle for 'Show Geographic Components' and a list of states: 'Louisiana', 'Maine', 'Maryland' (checked with a green checkmark), 'Massachusetts', 'Michigan', 'Minnesota', and 'Mississippi'. At the bottom left, there is a 'Selected Filters:' section with a pill for 'Maryland Geography' and an 'X' icon to remove it. At the bottom right, there are 'CLEAR' and 'SEARCH' buttons, and a 'SHOW' button with an upward arrow icon.

- Select Geography

Geography → State
→ **Maryland**

Exercise 2a: Select Geography – Montgomery County, MD



The screenshot shows the United States Census Bureau website interface. The top navigation bar includes the logo and a search field. The main content area is divided into several sections:

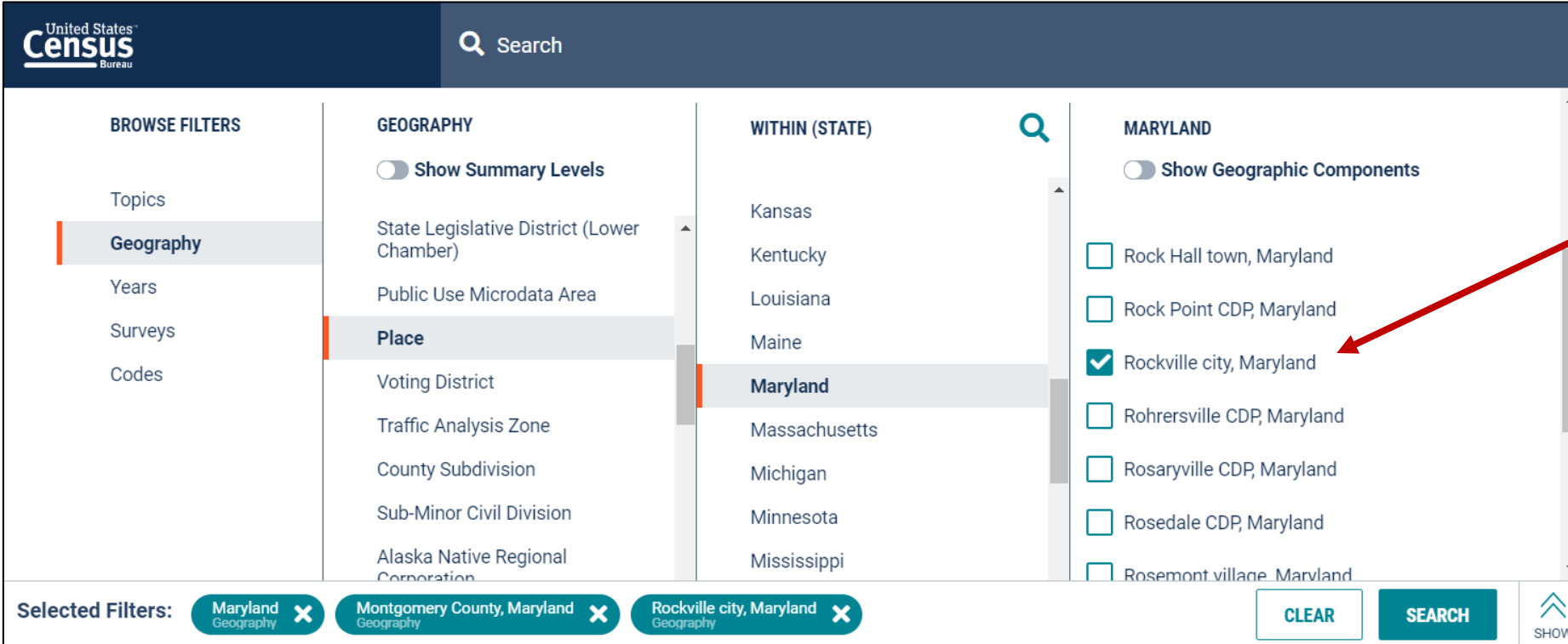
- BROWSE FILTERS:** A vertical list on the left with 'Geography' selected and highlighted.
- GEOGRAPHY:** A central column with a 'Show Summary Levels' toggle and a list of geographic levels: Nation, Region, Division, State, County (highlighted), Tract, Block Group, Block, and Zip Code Tabulation Area (Five-).
- WITHIN (STATE):** A list of states including Kansas, Kentucky, Louisiana, Maine, Maryland (highlighted), Massachusetts, Michigan, Minnesota, and Mississippi.
- MARYLAND:** A list of counties in Maryland with checkboxes: Harford County, Maryland; Howard County, Maryland; Kent County, Maryland; Montgomery County, Maryland; Prince George's County, Maryland; Queen Anne's County, Maryland; and Somerset County, Maryland.

At the bottom, there is a 'Selected Filters' section showing 'Maryland Geography' and 'Montgomery County, Maryland Geography' with close buttons. To the right are 'CLEAR', 'SEARCH', and 'SHOW' buttons.

- Select Geography

Geography →
County → Maryland
→ **Montgomery
County, MD**

Exercise 2a: Select Geography – Rockville city, MD



The screenshot shows the United States Census Bureau website interface. The top navigation bar includes the logo and a search field. The main content area is divided into several sections:

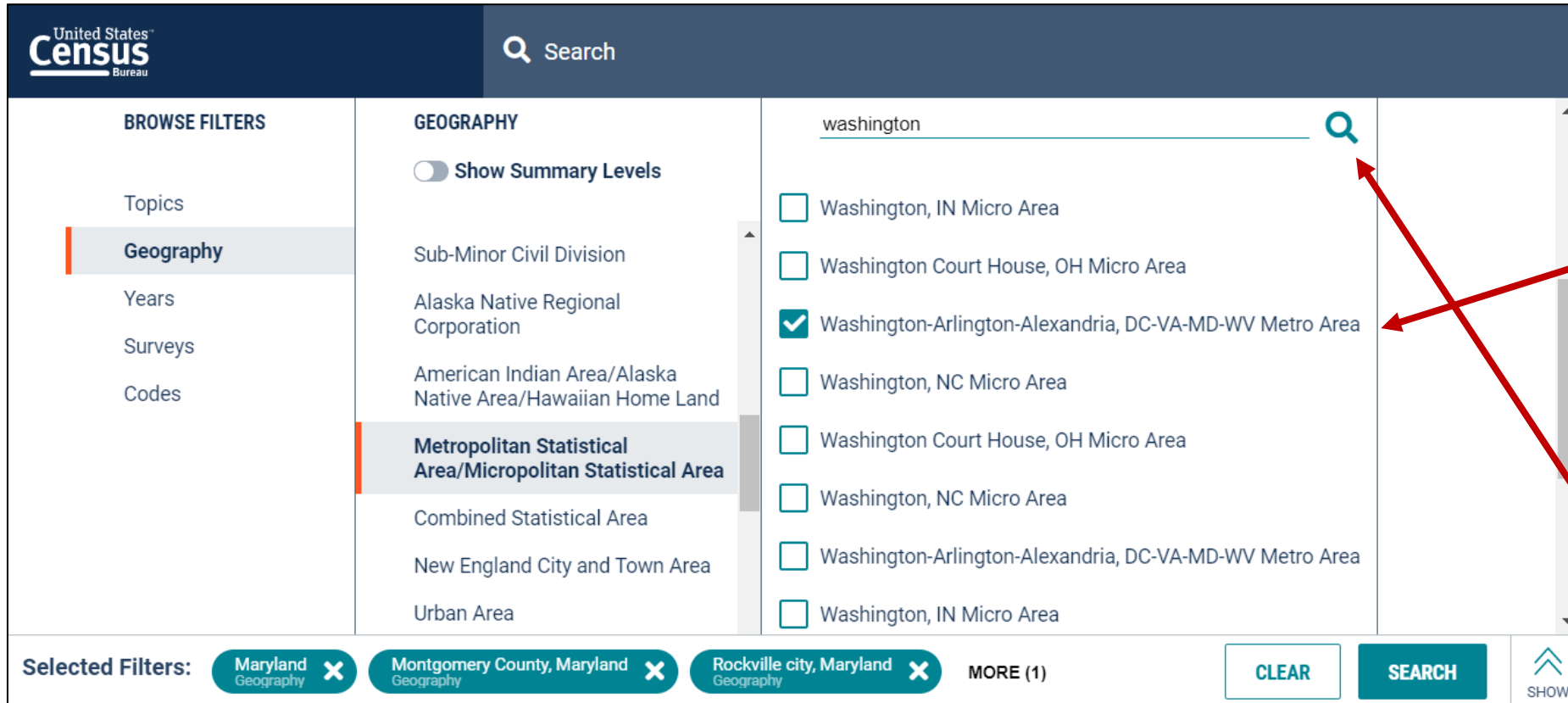
- BROWSE FILTERS:** A vertical list on the left with 'Geography' selected.
- GEOGRAPHY:** A central panel with a 'Show Summary Levels' toggle and a list of geographic levels. 'Place' is selected and highlighted.
- WITHIN (STATE):** A list of states with 'Maryland' selected and highlighted.
- MARYLAND:** A list of geographic components within Maryland. 'Rockville city, Maryland' is selected with a checkmark.

At the bottom, a 'Selected Filters' bar shows three active filters: 'Maryland Geography', 'Montgomery County, Maryland Geography', and 'Rockville city, Maryland Geography'. There are 'CLEAR' and 'SEARCH' buttons, and a 'SHOW' button with an upward arrow icon.

- Select Geography

Geography → Place
→ Maryland →
Rockville city, MD

Exercise 2a: Select Geography – Washington D.C. Metro Area



United States[™]
Census
Bureau

Search

BROWSE FILTERS

- Topics
- Geography**
- Years
- Surveys
- Codes

GEOGRAPHY

Show Summary Levels

- Sub-Minor Civil Division
- Alaska Native Regional Corporation
- American Indian Area/Alaska Native Area/Hawaiian Home Land
- Metropolitan Statistical Area/Micropolitan Statistical Area**
- Combined Statistical Area
- New England City and Town Area
- Urban Area

washington

- Washington, IN Micro Area
- Washington Court House, OH Micro Area
- Washington-Arlington-Alexandria, DC-VA-MD-WV Metro Area
- Washington, NC Micro Area
- Washington Court House, OH Micro Area
- Washington, NC Micro Area
- Washington-Arlington-Alexandria, DC-VA-MD-WV Metro Area
- Washington, IN Micro Area

Selected Filters: Maryland Geography Montgomery County, Maryland Geography Rockville city, Maryland Geography MORE (1)

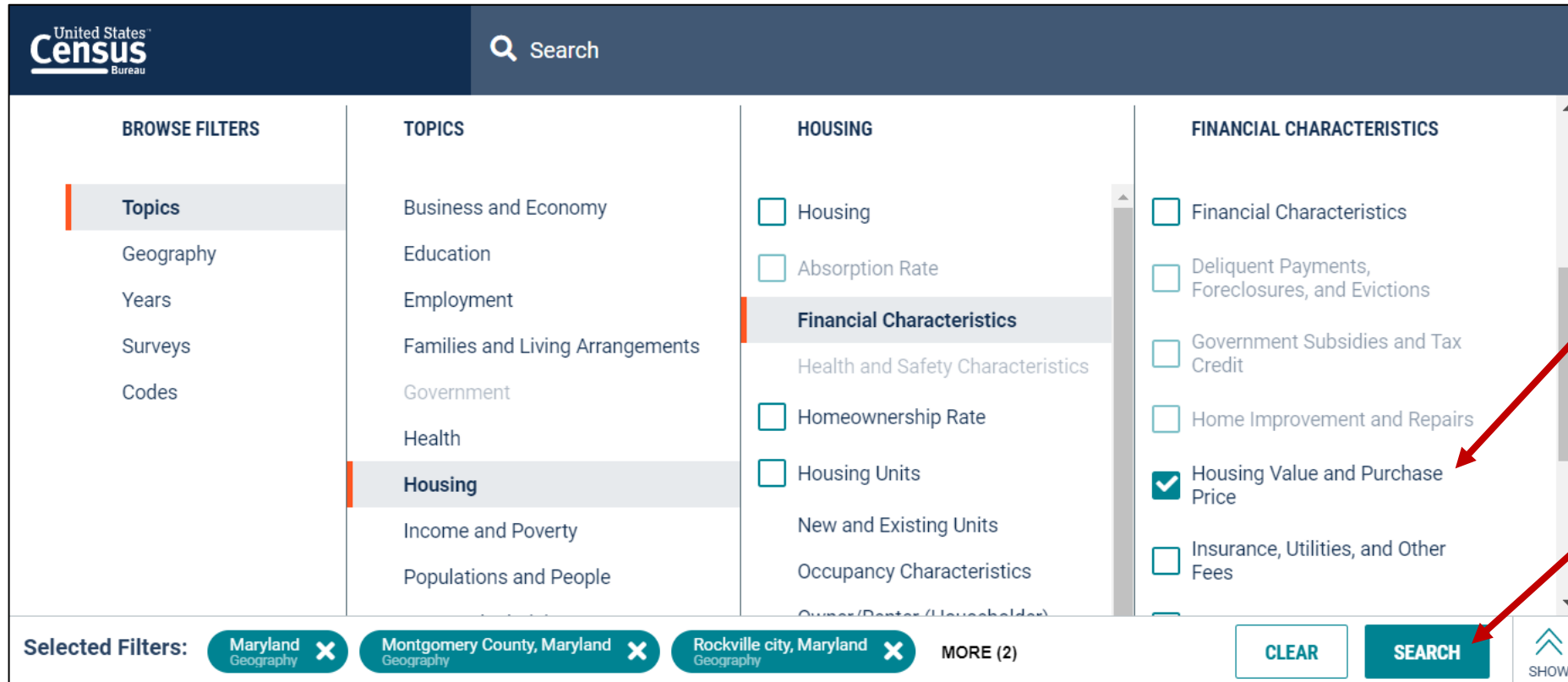
CLEAR SEARCH SHOW

- Select Geography

Geography →
Metropolitan
Statistical
Area/Micropolitan
Statistical Area →
**Washington-
Arlington-
Alexandria, DC-VA-
MD-WV Metro
Area**

TIP: Click the
magnifying glass to
search the list of
945+ metro areas

Exercise 2a: Select Topic – Housing Value and Purchase Price



The screenshot shows the United States Census Bureau website interface. At the top left is the logo. A search bar is at the top center. On the left, under 'BROWSE FILTERS', 'Topics' is selected. The main area is divided into 'TOPICS' and 'FINANCIAL CHARACTERISTICS'. Under 'TOPICS', 'Housing' is selected. Under 'FINANCIAL CHARACTERISTICS', 'Housing Value and Purchase Price' is checked. At the bottom, there are 'Selected Filters' for Maryland, Montgomery County, and Rockville city, along with 'CLEAR' and 'SEARCH' buttons. A red arrow points to the 'SEARCH' button.

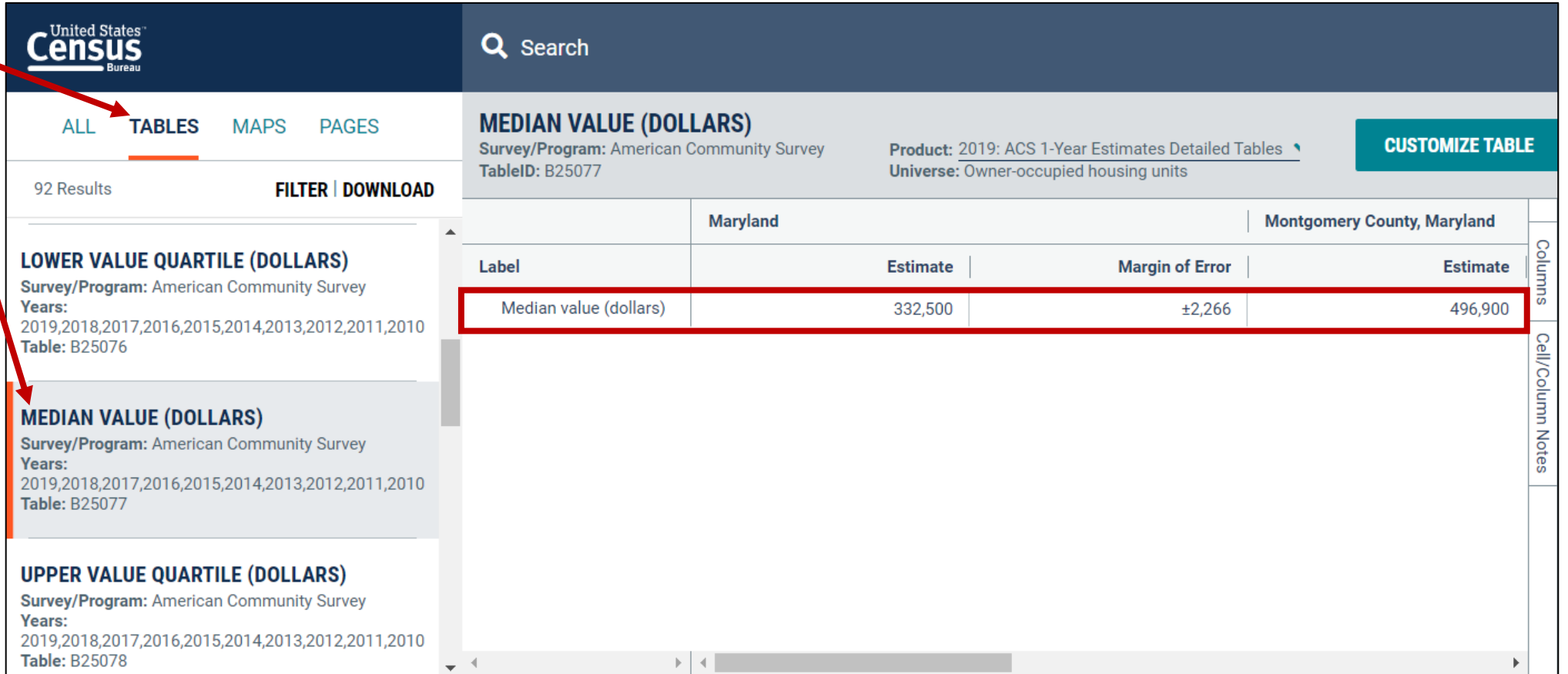
- Select Geography

Topics → Housing
→ Financial
Characteristics →
**Housing Value and
Purchase Price**

- Verify filters and click **Search** in the lower right

Exercise 2a: View Results

- Click **Tables** in the upper left
- Click table **B25077, Median Value (Dollars)**
- View your results



United States[®] Census Bureau

Search

ALL TABLES MAPS PAGES

92 Results FILTER | DOWNLOAD

MEDIAN VALUE (DOLLARS)
Survey/Program: American Community Survey
TableID: B25077

Product: 2019: ACS 1-Year Estimates Detailed Tables
Universe: Owner-occupied housing units

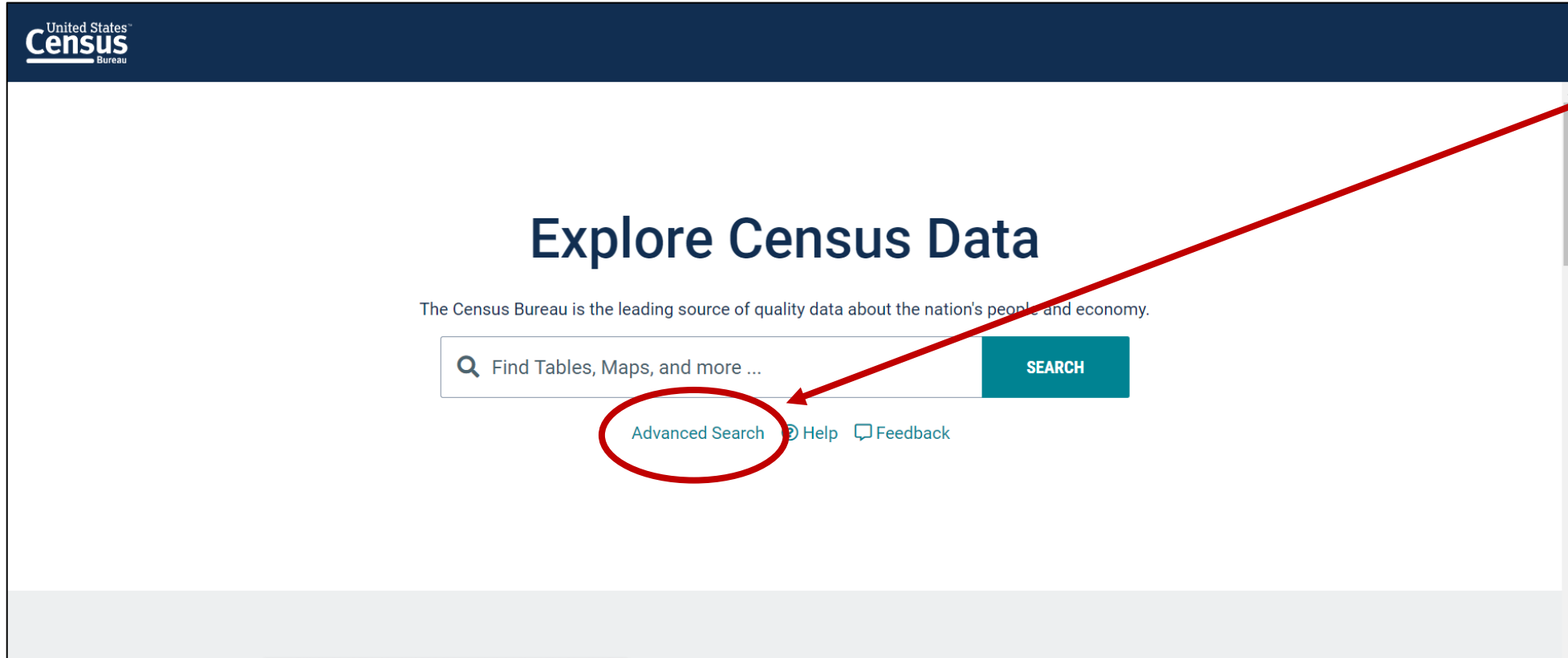
CUSTOMIZE TABLE

	Maryland		Montgomery County, Maryland	
Label	Estimate	Margin of Error	Estimate	
Median value (dollars)	332,500	±2,266	496,900	

Columns

Cell/Column Notes

Exercise 2b: Total Population from 2010 Census Redistricting



United States
Census
Bureau

Explore Census Data

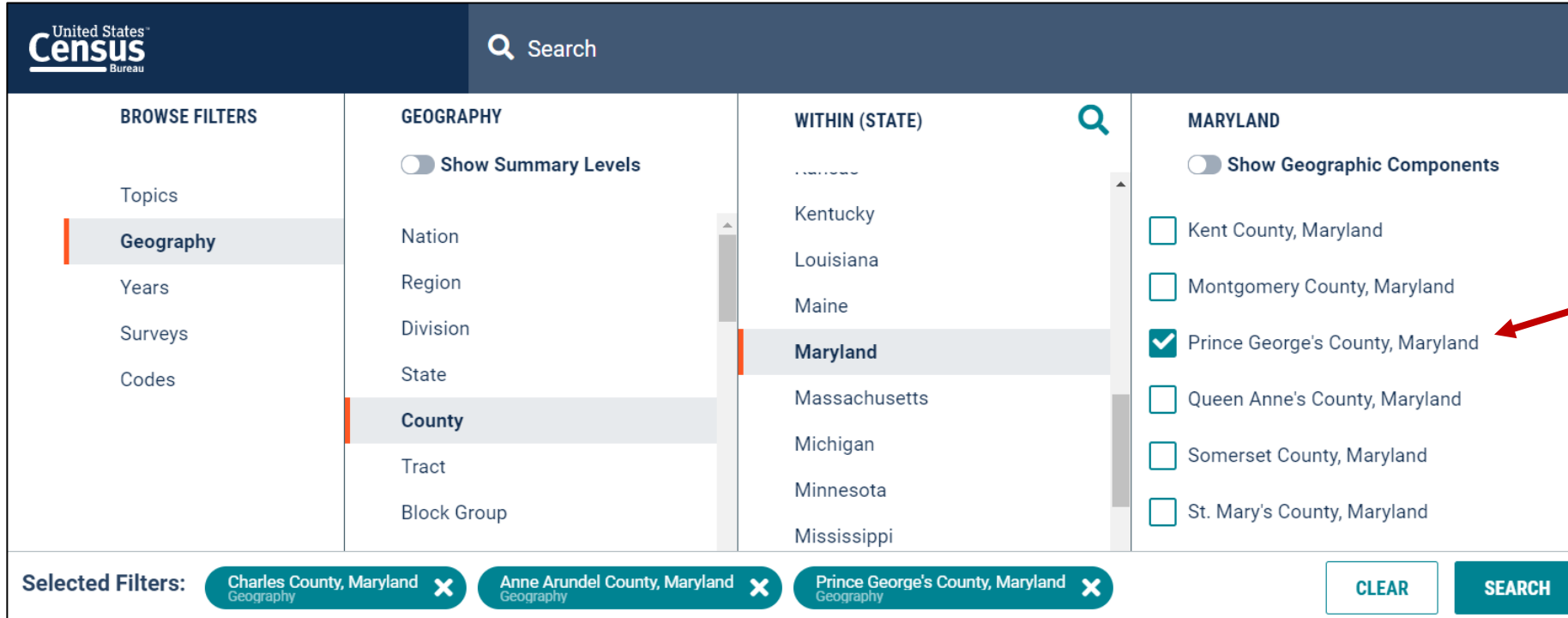
The Census Bureau is the leading source of quality data about the nation's people and economy.

Find Tables, Maps, and more ... **SEARCH**

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

- Click **Advanced Search**

Exercise 2b: Select Geography – Selected Counties in MD



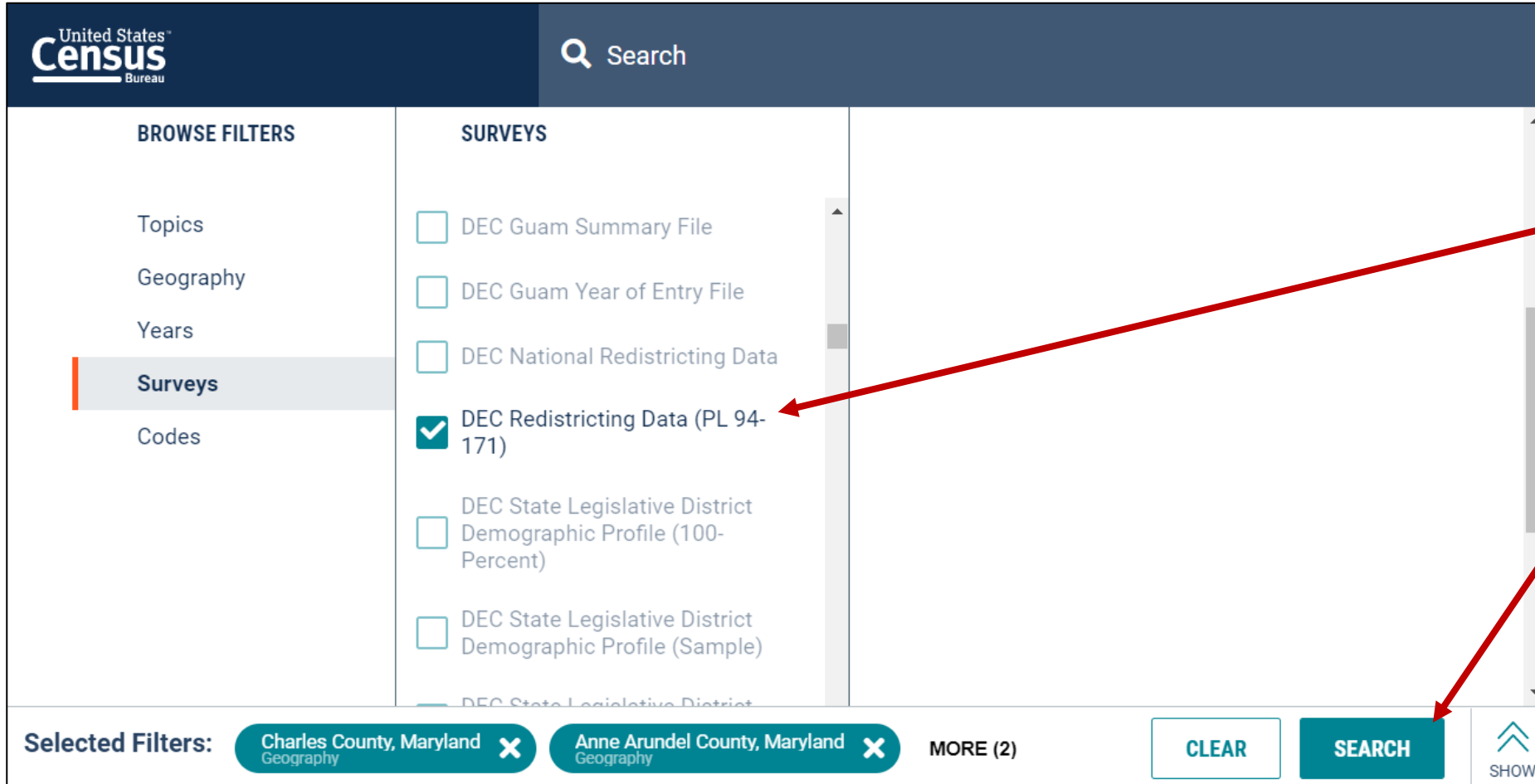
The screenshot shows the United States Census Bureau filter interface. The 'Geography' filter is selected, and the 'County' level is chosen. The 'Maryland' state is selected in the 'WITHIN (STATE)' list. The 'MARYLAND' section shows a list of counties with checkboxes, and 'Prince George's County, Maryland' is checked. The 'Selected Filters' bar at the bottom shows three selected counties: Charles County, Maryland; Anne Arundel County, Maryland; and Prince George's County, Maryland. There are 'CLEAR' and 'SEARCH' buttons.

- Select Geography

Geography → County → Maryland:

- **Anne Arundel County, MD**
- **Charles County, MD**
- **Prince George's County, MD**

Exercise 2b: Select Dataset – DEC Redistricting Data



United States Census Bureau

Search

BROWSE FILTERS

- Topics
- Geography
- Years
- Surveys**
- Codes

SURVEYS

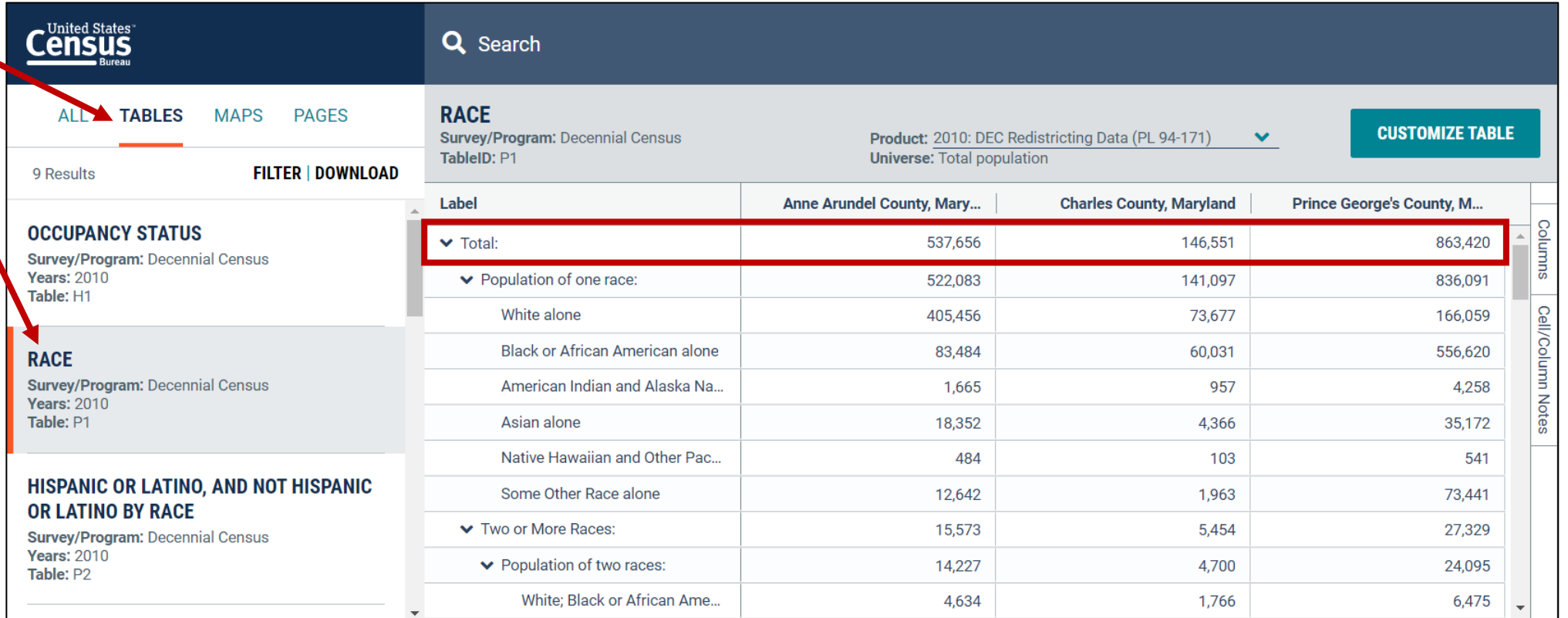
- DEC Guam Summary File
- DEC Guam Year of Entry File
- DEC National Redistricting Data
- DEC Redistricting Data (PL 94-171)
- DEC State Legislative District Demographic Profile (100-Percent)
- DEC State Legislative District Demographic Profile (Sample)
- DEC State Legislative District

Selected Filters: Charles County, Maryland Anne Arundel County, Maryland MORE (2)

- Select Geography
- Surveys → **DEC Redistricting Data (PL 94-171)**
- Verify filters and click **Search** in the lower right

Exercise 2b: View Results

- Click **Tables** in the upper left
- Click table **P1, Race** or another table that contains total population
- View your results



United States Census Bureau

Search

ALL TABLES MAPS PAGES

9 Results FILTER | DOWNLOAD

RACE
Survey/Program: Decennial Census
TableID: P1
Product: 2010: DEC Redistricting Data (PL 94-171)
Universe: Total population
CUSTOMIZE TABLE

Label	Anne Arundel County, Mary...	Charles County, Maryland	Prince George's County, M...
▼ Total:	537,656	146,551	863,420
▼ Population of one race:	522,083	141,097	836,091
White alone	405,456	73,677	166,059
Black or African American alone	83,484	60,031	556,620
American Indian and Alaska Na...	1,665	957	4,258
Asian alone	18,352	4,366	35,172
Native Hawaiian and Other Pac...	484	103	541
Some Other Race alone	12,642	1,963	73,441
▼ Two or More Races:	15,573	5,454	27,329
▼ Population of two races:	14,227	4,700	24,095
White; Black or African Ame...	4,634	1,766	6,475

Outline

- Brief Overview of data.census.gov
- **Live Demo and Hands-On Exercises**
 - Single Search
 - Advanced Search
 - **Address Lookup, Table Customization, Mapping**
 - Download, Export, Print
 - Race/Ethnicity Searches
- Common Questions
- Latest Updates
- Resources for Learning More
- Q&A

data.census.gov Demo

Address Search

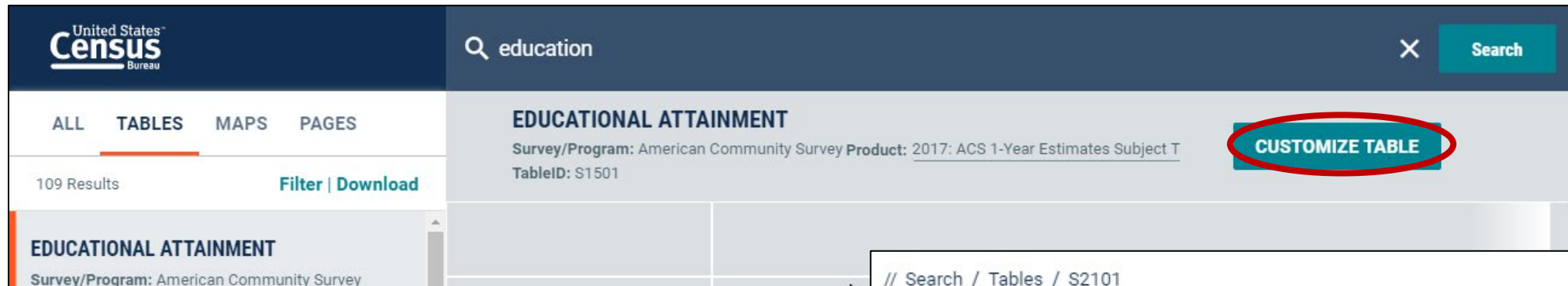
- What are the geographies that this address falls within:
4231 Suitland Rd
Hillcrest Heights, MD 20746

Mapping:

- How can we create a map of the population without health insurance across all counties in Maryland?

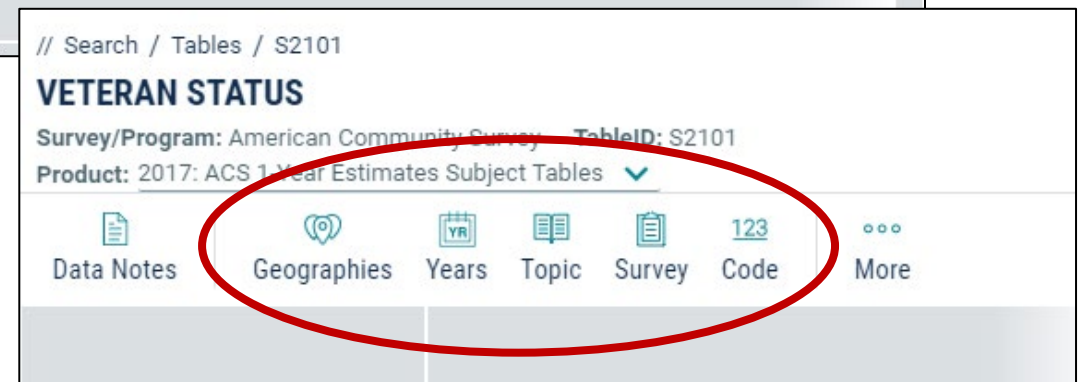
Customizing Your Table View

Look for the **Customize Table** button in the upper right corner of your screen in the table view to access the full set of options to customize your table.



Filters:

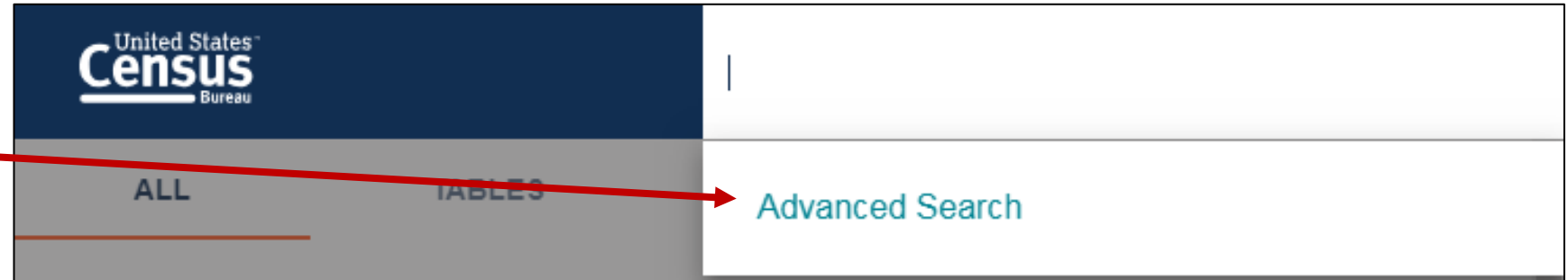
Geographies, Years, Topic, Survey, or Code from the Customize Table view



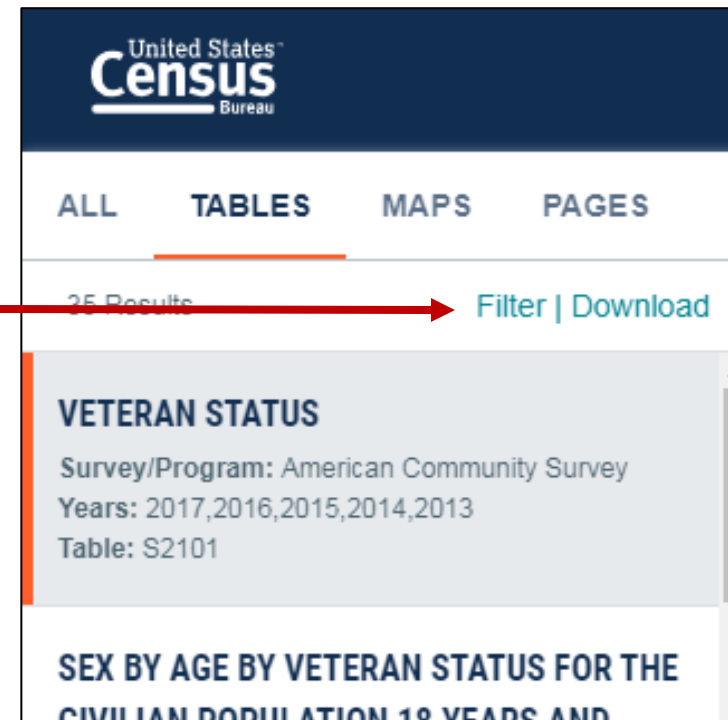
Editing Your Search Filters

Filters:

- Advanced Search



- Filters link located in the table/map results page



Mapping

United States Census Bureau

Search: veterans in all states

ALL TABLES **MAPS** AGES

SELECTED SOCIAL CHARACTERISTICS IN THE UNITED STATES

TableID: DP02

Product: 2017: ACS 1-Year Estimates Data Profiles

	Estimate	Margin of Error	Percent	Percent Margin of Error	Estimate	Margin of Error
HOUSEHOLDS BY TYPE						
Total Households	1,841,665	112,431	1,841,665	6.1	250,741	14,074

- Click the MAPS search results
- Click the data variable dropdown to change the estimate that is mapped out. By default, data.census.gov maps out the first estimate from the table.
- Geography selections carry between maps and tables.

United States Census Bureau

Search: veterans all states

// Search / Map / DP02

Total households—Estimate

Survey/Program: American Community Survey

Product: 2017: ACS 1-Year Estimates Data Profiles

Data Variable: Total households—Estimate

Geographies: State

Total households—Estimate

Survey/Program: American Community Survey

Product: 2017: ACS 1-Year Estimates Data Profiles

Data Variable: **Civilian population 18 years and over—Civilian veterans—Percent**

Geographies: State

Legend

- 962387
- 500875
- 321879
- 147036
- 225796
- No Data

500mi

Exercise 3: Address Lookup, Building on a Search, and Creating a Map

Part 1

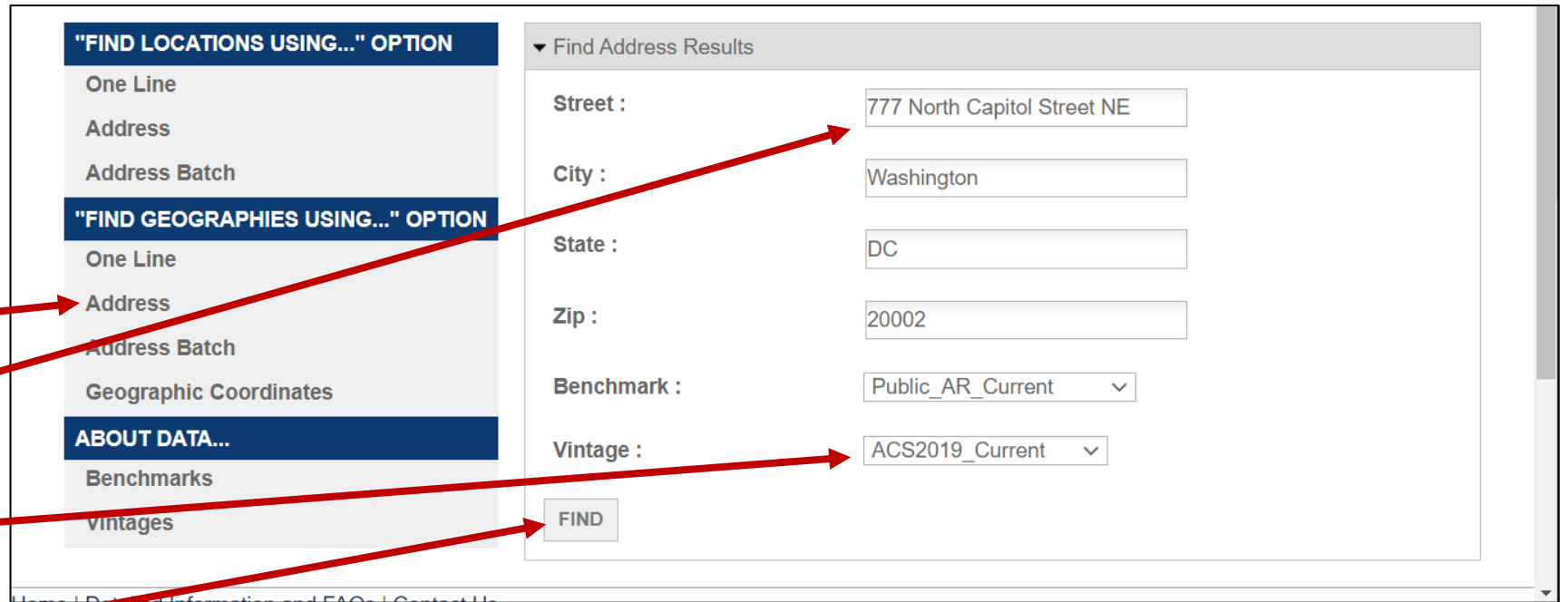
You'd like to look at data for the neighborhood around COG. Before visiting data.census.gov, let's use the Census Bureau's [Geocoder](#) find the census tract associated with:

777 North Capitol Street NE, Washington, DC 20002

Exercise 3a: Finding the census tract for 777 North Capitol Street NE, Washington, DC 20002

Find the Census Tract using the Census Bureau's Geocoder

- Click **Address** Under “Find Geographies Using...”
- Enter street address
- Select a vintage that matches the data you will be seeking
- Click **Find**



The screenshot shows the geocoding interface with the following elements:

- "FIND LOCATIONS USING..." OPTION**: A blue header for the first section.
- One Line**, **Address**, **Address Batch**: Options under the first section.
- "FIND GEOGRAPHIES USING..." OPTION**: A blue header for the second section.
- One Line**, **Address**, **Address Batch**, **Geographic Coordinates**: Options under the second section.
- ABOUT DATA...**: A blue header for the third section.
- Benchmarks**, **Vintages**: Options under the third section.
- Find Address Results**: A grey header for the results section.
- Street :** Input field containing "777 North Capitol Street NE".
- City :** Input field containing "Washington".
- State :** Input field containing "DC".
- Zip :** Input field containing "20002".
- Benchmark :** Dropdown menu with "Public_AR_Current" selected.
- Vintage :** Dropdown menu with "ACS2019_Current" selected.
- FIND**: A button at the bottom of the results section.

Red arrows point from the instructions on the left to the "Address" option in the second section, the "Street" input field, the "ACS2019_Current" dropdown, and the "FIND" button.

geocoding.geo.census.gov/geocoder/

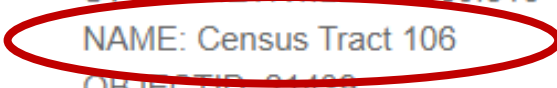
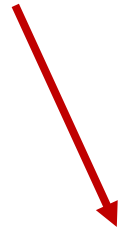


Exercise 3a: Finding the census tract for 777 North Capitol Street NE, Washington, DC 20002

Find the Census Tract using the Census Bureau's Geocoder (continued)

- Scroll to the "Census Tracts" section of the results and view the Name
- The street address falls within Census Tract 106, District of Columbia, District of Columbia

Census Tracts:
GEOID: 11001010600
CENTLAT: +38.9033120
AREAWATER: 0
STATE: 11
BASENAME: 106
OID: 20758331305046
LSADC: CT
FUNCSTAT: S
INTPTLAT: +38.9033120
STGEOMETRY.AREA: 2036554.0
STGEOMETRY.LEN: 6759.816
NAME: Census Tract 106
OBJECTID: 21439
TRACT: 010600
CENTLON: -077.0033103
AREALAND: 1231590
INTPTLON: -077.0033103
MTFCC: G5020
COUNTY: 001



FAQ: How can I do an address search to find the census tract or other geography for my community?

ask.census.gov/prweb/PRServletCustom?pyActivity=pyMobileSnapStart&ArticleID=KCP-5495

Exercise 3: Advanced Search, Building on a Search, and Creating a Map

Part 2:

- Using the ACS 5-Year Data Profiles, what is the percentage of people living in poverty in Census Tract 106 in Washington, DC?
- Where is the URL to share a link to the table?
- How can we edit the table view to only show percent and percent margin of error columns?

Part 3:

- You'd like to look at this data visually. How can edit your geography to include all census tracts with Washington, DC and create a map to see which tract has the highest percent of people living in poverty?

Exercise 3: Advanced Search, Building on a Search, and Creating a Map

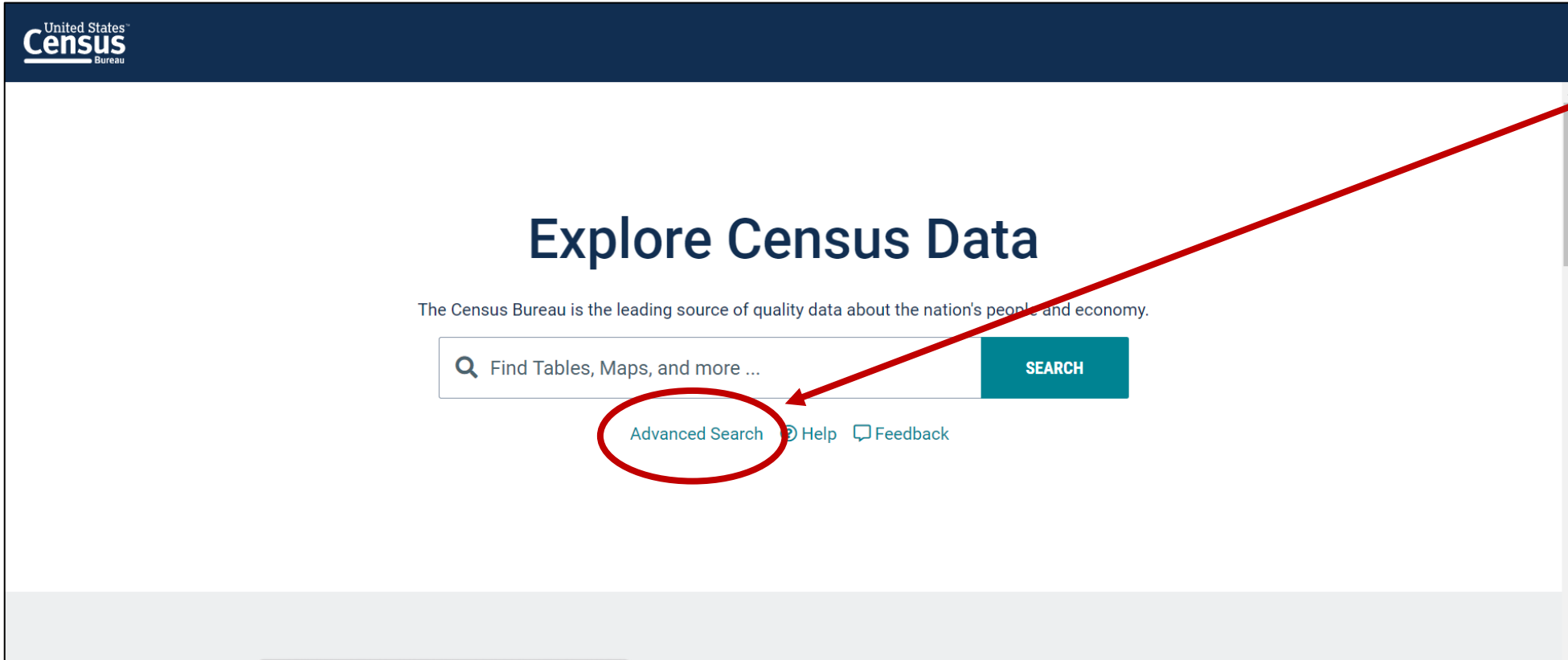
Part 2:

- Using the ACS 5-Year Data Profiles, what is the percentage of people living in poverty in Census Tract 106 in Washington, DC?
11.4%
- Where is the URL to share a link to the table?
In the address bar
- How can we edit the table view to only show the percent and percent margin of error columns?
Click “Hide” and uncheck the boxes for “Estimate” and “Margin of Error”

Part 3:

- You’d like to look at this data visually. How can edit your geography to include all census tracts with Washington, DC and create a map to see which tract has the highest percent of people living in poverty?
 - **Click “Maps”**
 - **Select Filter → Geography → District of Columbia → All Census Tracts within District of Columbia**
 - **Select the variable “Percentage of Families and People Whose Income in the Past 12 Months Is Below the Poverty Level – All People–percent Estimate”**

Exercise 3b: Percent Poverty in Census Tract 106



United States
Census
Bureau

Explore Census Data

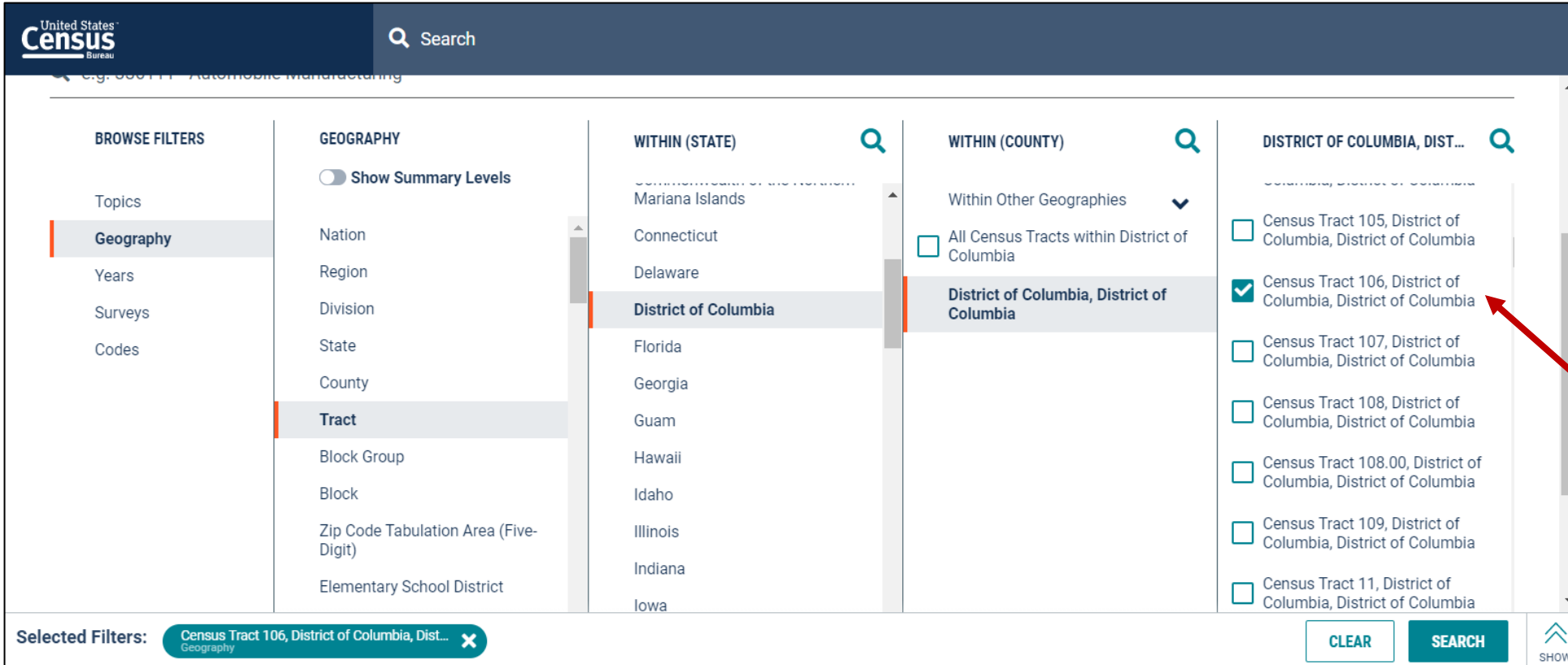
The Census Bureau is the leading source of quality data about the nation's people and economy.

Find Tables, Maps, and more ... **SEARCH**

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

- Click **Advanced Search**

Exercise 3b: Select Geography – Census Tract 106 in DC



The screenshot shows the United States Census Bureau website interface. The top navigation bar includes the logo and a search field. Below the navigation bar, there are several filter panels:

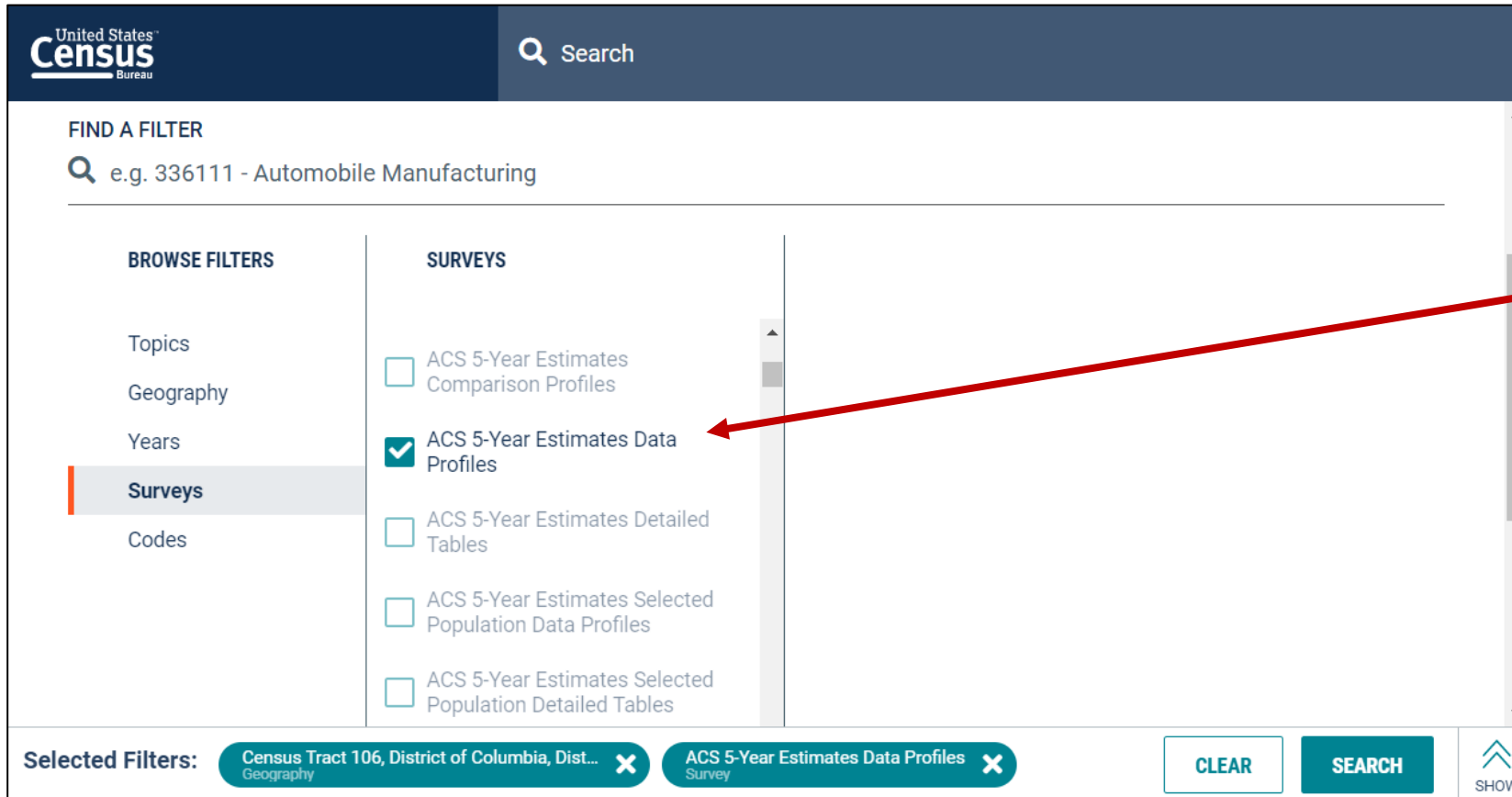
- BROWSE FILTERS:** Includes Topics, Geography (selected), Years, Surveys, and Codes.
- GEOGRAPHY:** Includes a "Show Summary Levels" toggle and a list of geographic levels: Nation, Region, Division, State, County, **Tract** (selected), Block Group, Block, Zip Code Tabulation Area (Five-Digit), and Elementary School District.
- WITHIN (STATE):** Lists states including Connecticut, Delaware, **District of Columbia** (selected), Florida, Georgia, Guam, Hawaii, Idaho, Illinois, Indiana, and Iowa.
- WITHIN (COUNTY):** Includes "All Census Tracts within District of Columbia" (selected) and "District of Columbia, District of Columbia" (selected).
- DISTRICT OF COLUMBIA, DISTRICT OF COLUMBIA:** Lists census tracts, with **Census Tract 106, District of Columbia, District of Columbia** (selected) highlighted by a red arrow.

At the bottom of the interface, there is a "Selected Filters" section showing "Census Tract 106, District of Columbia, Dist... Geography" with a close button. There are also "CLEAR" and "SEARCH" buttons, and a "SHOW" button with an upward arrow.

- Select Geography

Geography → Tract
→ District of
Columbia → District
of Columbia,
District of Columbia
→ **Census Tract
106, District of
Columbia, District
of Columbia**

Exercise 3b: Select Dataset – ACS 5-Year Data Profiles



United States Census Bureau

Search

FIND A FILTER

e.g. 336111 - Automobile Manufacturing

BROWSE FILTERS

- Topics
- Geography
- Years
- Surveys**
- Codes

SURVEYS

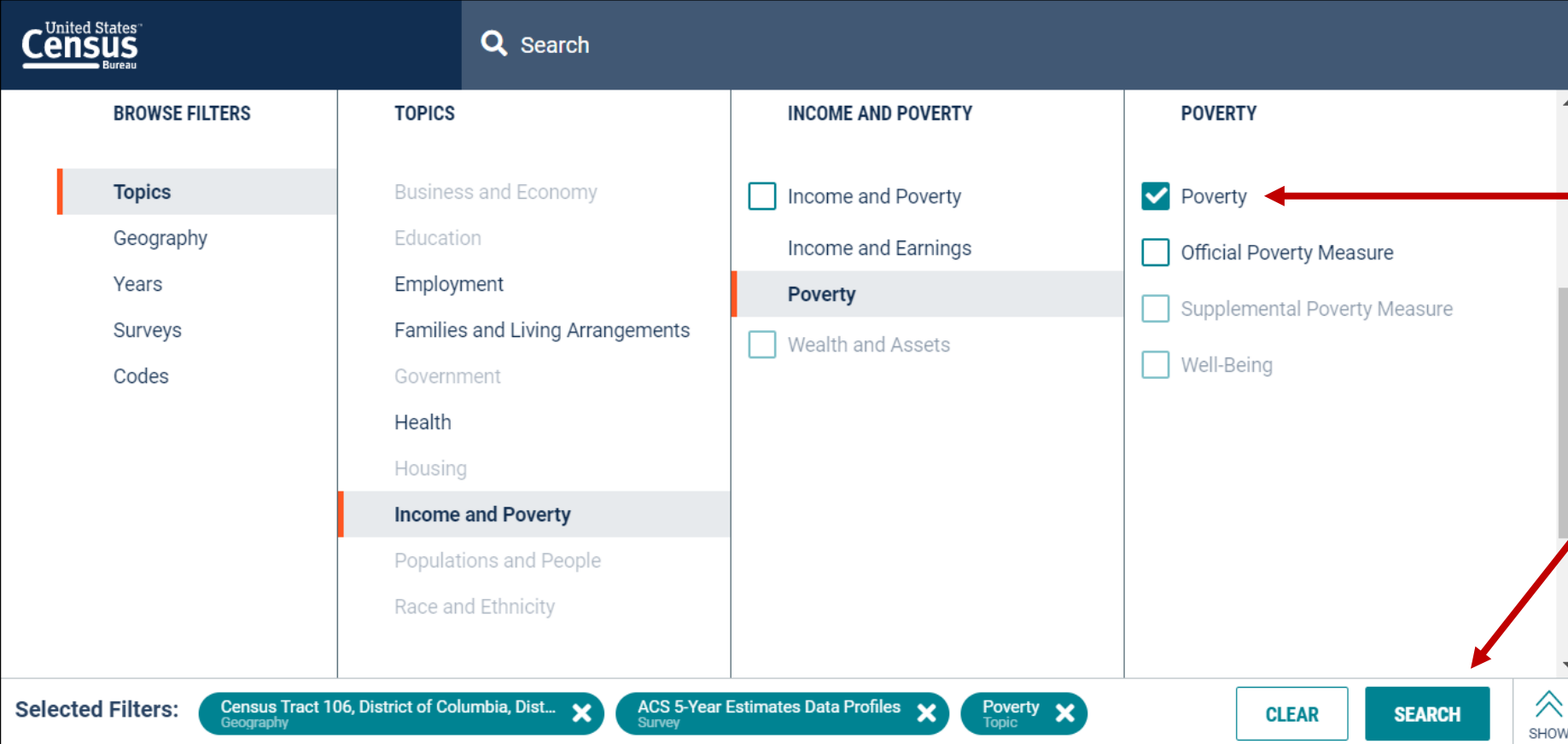
- ACS 5-Year Estimates Comparison Profiles
- ACS 5-Year Estimates Data Profiles
- ACS 5-Year Estimates Detailed Tables
- ACS 5-Year Estimates Selected Population Data Profiles
- ACS 5-Year Estimates Selected Population Detailed Tables

Selected Filters: Census Tract 106, District of Columbia, Dist... Geography ACS 5-Year Estimates Data Profiles Survey CLEAR SEARCH SHOW

- Select Survey

Surveys → **ACS 5-Year Estimates Data Profiles**

Exercise 3b: Select Topic – Poverty



The screenshot shows the United States Census Bureau data tool interface. The top navigation bar includes the logo and a search field. The main content area is divided into four columns: BROWSE FILTERS, TOPICS, INCOME AND POVERTY, and POVERTY. The BROWSE FILTERS column has 'Topics' selected. The TOPICS column has 'Income and Poverty' selected. The INCOME AND POVERTY column has 'Poverty' selected. The POVERTY column has 'Poverty' checked. The bottom of the interface shows a 'Selected Filters' section with three filters: 'Census Tract 106, District of Columbia, Dist...', 'ACS 5-Year Estimates Data Profiles', and 'Poverty Topic'. There are 'CLEAR', 'SEARCH', and 'SHOW' buttons at the bottom right.

- Select Geography

Topics → Income and Poverty → Poverty → **Poverty**

- Verify filters and click **Search** in the lower right

Exercise 3b: View Result

Answer: 11.4%

United States
Census
Bureau

Q Search

// Search / Tables / DP03

SELECTED ECONOMIC CHARACTERISTICS

Survey/Program: American Community Survey TableID: DP03 Product: 2019: ACS 5-Year Estimates Data Profiles

Notes
Selections
1 Geo
Years
1 Topic
1 Survey
123 Codes

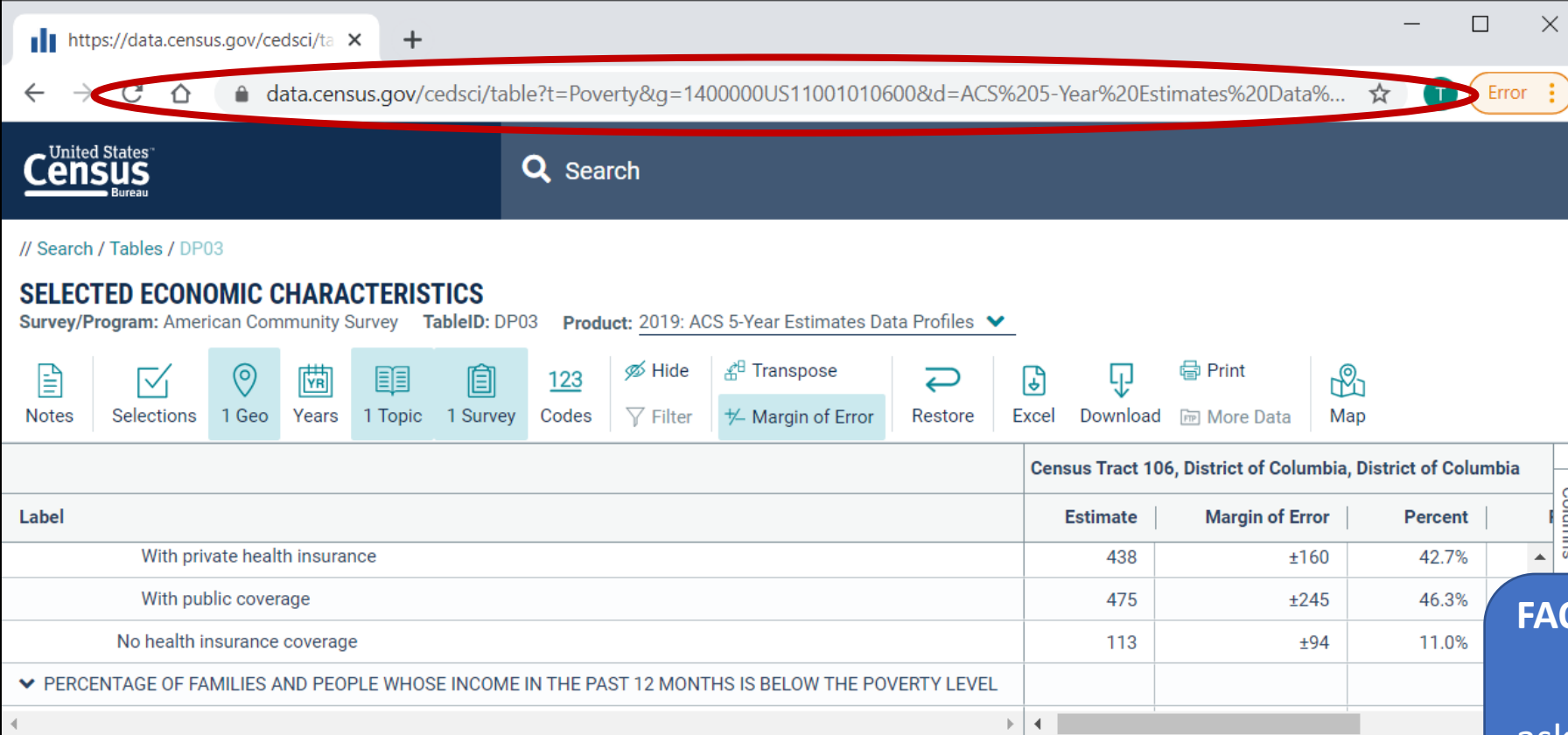
Hide
Transpose
Restore

Excel
Download
Print
Map

Filter
Margin of Error

Census Tract 106, District of Columbia, District of Columbia				
Label	Estimate	Margin of Error	Percent	Percent Margin of Error
With private health insurance	438	±160	42.7%	±15.4
With public coverage	475	±245	46.3%	±16.8
No health insurance coverage	113	±94	11.0%	±8.8
▼ PERCENTAGE OF FAMILIES AND PEOPLE WHOSE INCOME IN THE PAST 12 MONTHS IS BELOW THE POVERTY LEVEL				
▶ All families	(X)	(X)	6.1%	±6.2
▼ All people	(X)	(X)	11.4%	±5.4
▼ Under 18 years	(X)	(X)	12.1%	±17.2
▼ Related children of the householder under 18 years	(X)	(X)	12.1%	±17.2

Exercise 3c: Where is the URL to Share the Table Link



United States Census Bureau

Search

// Search / Tables / DP03

SELECTED ECONOMIC CHARACTERISTICS
Survey/Program: American Community Survey TableID: DP03 Product: 2019: ACS 5-Year Estimates Data Profiles

Notes Selections 1 Geo Years 1 Topic 1 Survey Codes 123 Hide Filter Transpose Margin of Error Restore Excel Download More Data Map

Census Tract 106, District of Columbia, District of Columbia				
Label	Estimate	Margin of Error	Percent	Columns
With private health insurance	438	±160	42.7%	
With public coverage	475	±245	46.3%	
No health insurance coverage	113	±94	11.0%	
▼ PERCENTAGE OF FAMILIES AND PEOPLE WHOSE INCOME IN THE PAST 12 MONTHS IS BELOW THE POVERTY LEVEL				

To share the table results:

- Copy and paste the link from the address bar

To share your search

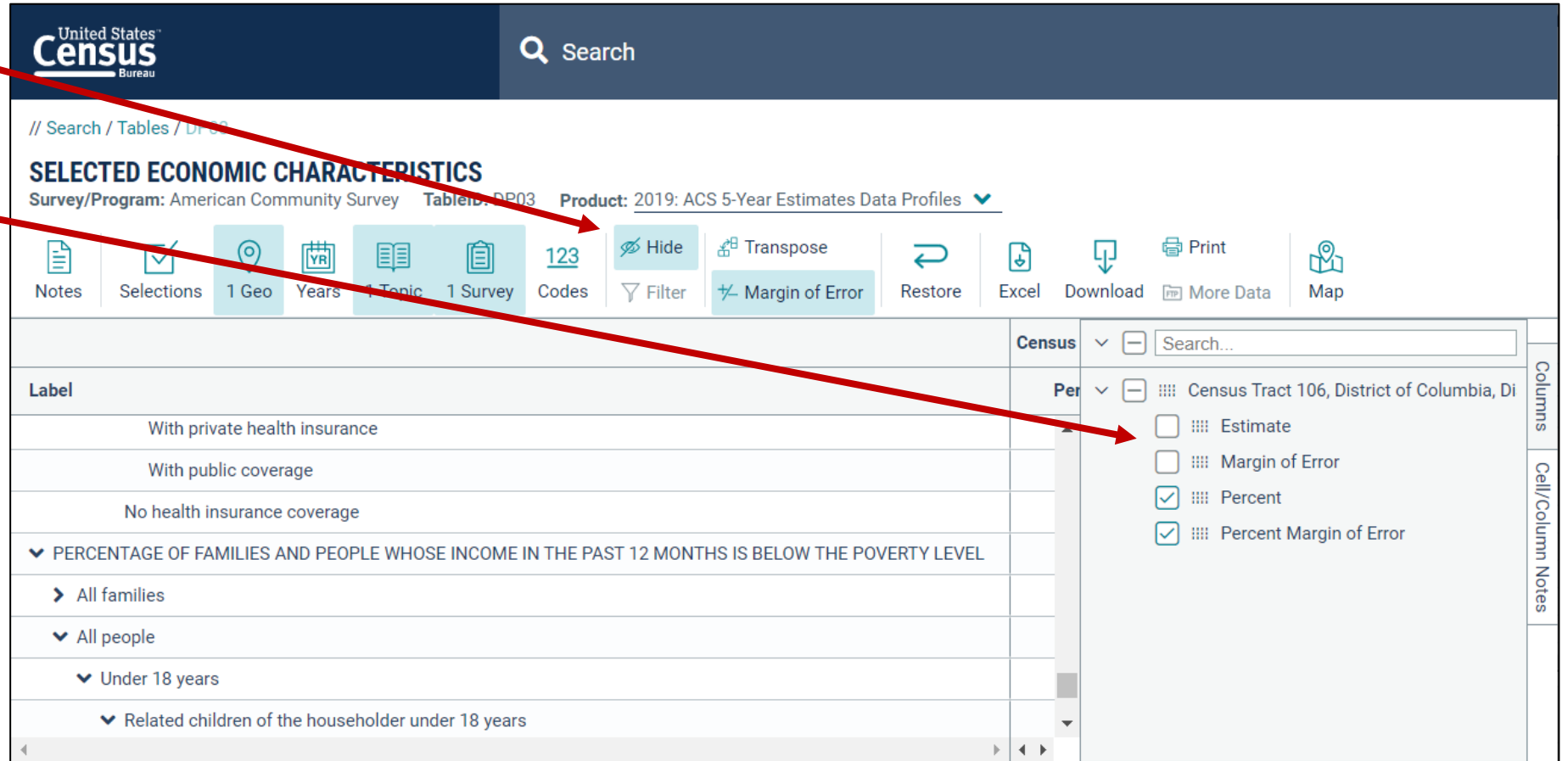
- Copy and edit the URL from the address bar, using guidance from FAQ ID# KCP-5509

FAQ: How do I save my results or search?

ask.census.gov/prweb/PRServletCustom?pyActivity=pyMobileSnapStart&ArticleID=KCP-5509

Exercise 3d: Editing Table to Only Show Percent & MOE

- Click **Hide** at the top of the table
- Uncheck the boxes for **Estimate** and **Margin of Error**
- Click **Hide** at the top of the table again



United States Census Bureau

Search

// Search / Tables / DP03

SELECTED ECONOMIC CHARACTERISTICS

Survey/Program: American Community Survey TableID: DP03 Product: 2019: ACS 5-Year Estimates Data Profiles

Notes Selections 1 Geo Years 1 Topic 1 Survey 123 Codes Hide Transpose Restore Excel Download More Data Map

Filter Margin of Error

Label	Per
With private health insurance	
With public coverage	
No health insurance coverage	
▼ PERCENTAGE OF FAMILIES AND PEOPLE WHOSE INCOME IN THE PAST 12 MONTHS IS BELOW THE POVERTY LEVEL	
> All families	
▼ All people	
▼ Under 18 years	
▼ Related children of the householder under 18 years	

Columns

Cell/Column Notes

- Estimate
- Margin of Error
- Percent
- Percent Margin of Error

Exercise 3d: View Table with Percent & MOE Columns

United States Census Bureau

Search

// Search / Tables / DP03

SELECTED ECONOMIC CHARACTERISTICS

Survey/Program: American Community Survey TableID: DP03 Product: 2019: ACS 5-Year Estimates Data Profiles

Notes Selections 1 Geo Years 1 Topic 1 Survey 123 Codes Hide Transpose Margin of Error Restore Excel Download Print More Data Map

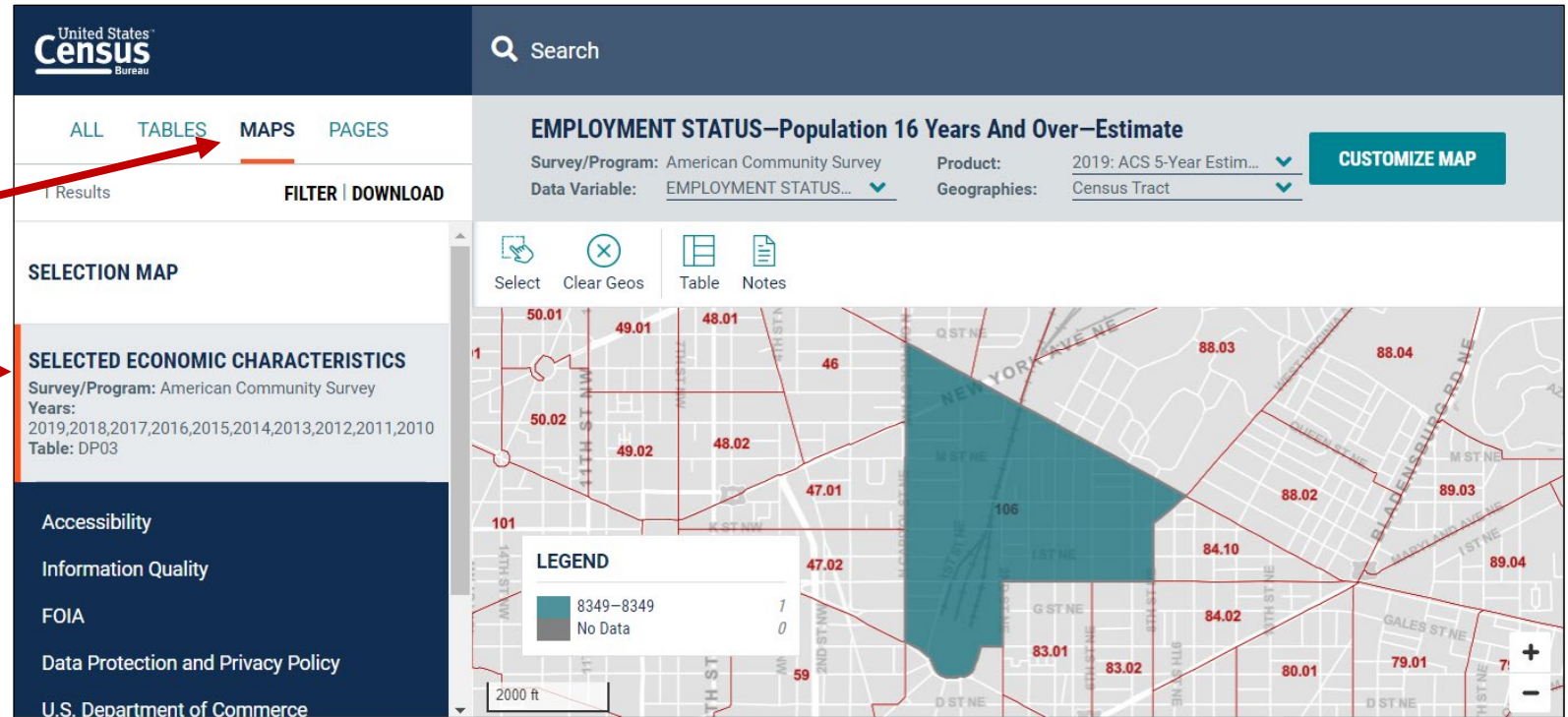
		Census Tract 106, District of Columbia, Dist...	
Label	Percent	Percent Margin of Error	
With private health insurance	42.7%	±15.4	Columns Cell/Column Notes
With public coverage	46.3%	±16.8	
No health insurance coverage	11.0%	±8.8	
▼ PERCENTAGE OF FAMILIES AND PEOPLE WHOSE INCOME IN THE PAST 12 MONTHS IS BELOW THE POVERTY LEVEL			
▶ All families	6.1%	±6.2	
▼ All people	11.4%	±5.4	
▼ Under 18 years	12.1%	±17.2	
▼ Related children of the householder under 18 years	12.1%	±17.2	
Related children of the householder under 5 years	0.0%	±10.0	

Exercise 3e: Mapping Percent Poverty by Tract in DC

Navigate to the map tab

- If in the full table view, scroll to the top of the page and click **Tables** in the breadcrumbs in the upper left
- Click **Maps** from the table results page
- Click your table of interest
- Verify the map is set to the census tract level, and that it is zoomed to Census Tract 106. You may need to manually zoom and scroll to the selected tract.

// Search / Tables / DP03



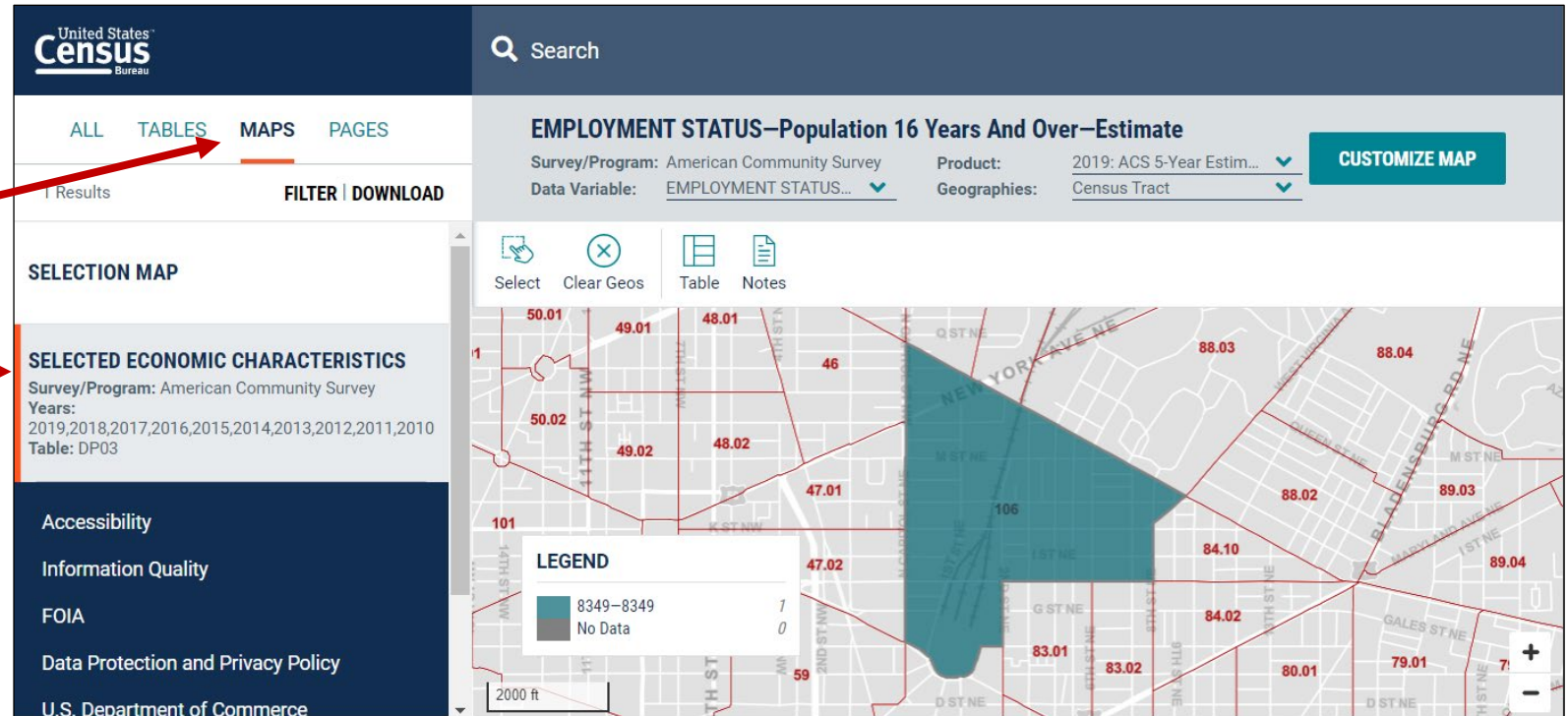
The screenshot shows the United States Census Bureau data viewer interface. The breadcrumb trail at the top reads "Search / Tables / DP03". The main navigation tabs are "ALL", "TABLES", "MAPS", and "PAGES", with "MAPS" selected. The page title is "EMPLOYMENT STATUS—Population 16 Years And Over—Estimate". The survey/program is "American Community Survey" and the data variable is "EMPLOYMENT STATUS...". The product is "2019: ACS 5-Year Estim..." and the geographies are "Census Tract". A "CUSTOMIZE MAP" button is visible. The "SELECTION MAP" section shows "SELECTED ECONOMIC CHARACTERISTICS" for the American Community Survey, with years 2019, 2018, 2017, 2016, 2015, 2014, 2013, 2012, 2011, and 2010, and table DP03. The map displays Census Tract 106 in a teal color, with a legend indicating a poverty rate of 8349-8349. The map also shows surrounding tracts with their respective poverty rates, such as 46, 47.01, 47.02, 48.01, 48.02, 49.01, 49.02, 50.01, 50.02, 59, 79.01, 79.04, 80.01, 83.01, 83.02, 84.02, 84.10, 88.02, 88.03, 88.04, 89.03, and 89.04. A scale bar indicates 2000 feet.

Exercise 3e: Mapping Percent Poverty by Tract in DC

Navigate to the map tab

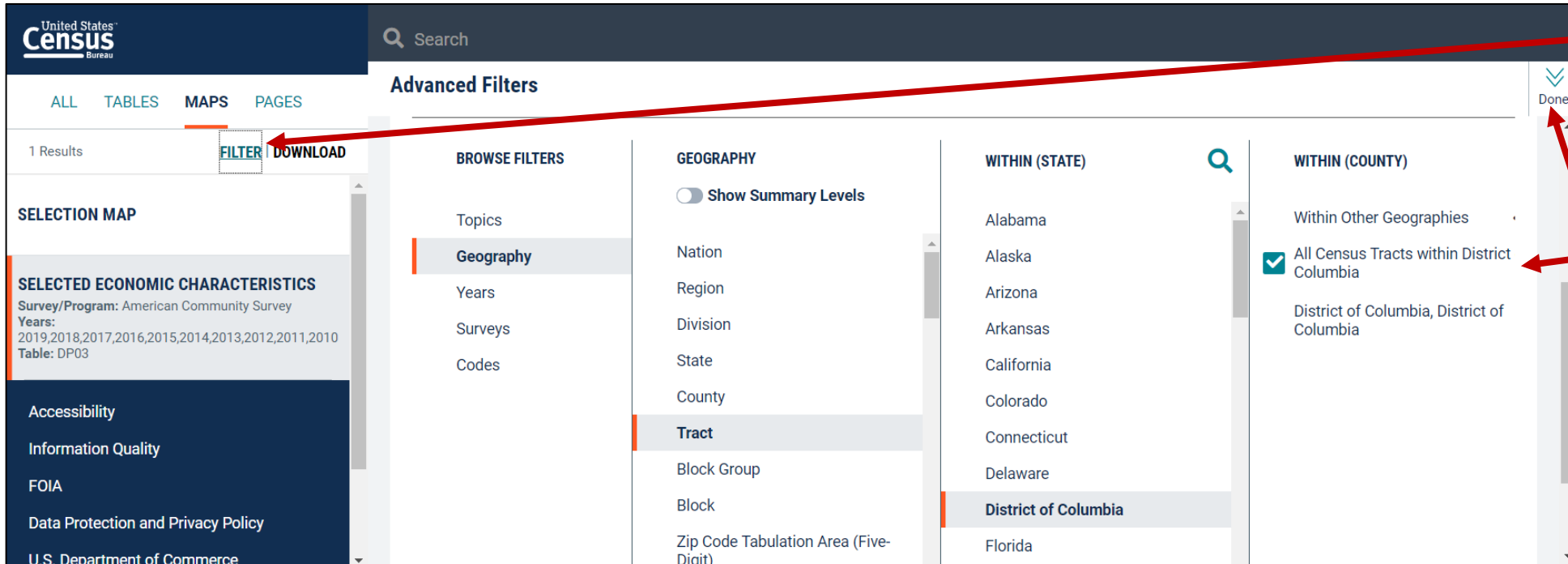
- If in the full table view, scroll to the top of the page and click **Tables** in the breadcrumbs in the upper left
- Click **Maps** from the table results page
- Click your table of interest
- Verify the map is set to the census tract level, and that it is zoomed to Census Tract 106. You may need to manually zoom and scroll to the selected tract.

// Search / Tables / DP03



The screenshot displays the United States Census Bureau's data visualization tool. The breadcrumb navigation at the top reads "Search / Tables / DP03". The main header shows the title "EMPLOYMENT STATUS—Population 16 Years And Over—Estimate" with filters for "Survey/Program: American Community Survey", "Product: 2019: ACS 5-Year Estim...", "Data Variable: EMPLOYMENT STATUS...", and "Geographies: Census Tract". A "CUSTOMIZE MAP" button is visible. Below the header, there are tabs for "ALL", "TABLES", "MAPS", and "PAGES", with "MAPS" selected. A "SELECTION MAP" section shows "SELECTED ECONOMIC CHARACTERISTICS" for Census Tract 106. The map itself shows various census tracts with numerical values, and a legend indicates that the value 8349-8349 corresponds to the selected tract 106. The map is zoomed to show Census Tract 106 in a dark teal color.

Exercise 3e: Select Additional Geographies



United States Census Bureau

Search

ALL TABLES MAPS PAGES

Advanced Filters

1 Results

FILTER DOWNLOAD

SELECTION MAP

SELECTED ECONOMIC CHARACTERISTICS
Survey/Program: American Community Survey
Years: 2019,2018,2017,2016,2015,2014,2013,2012,2011,2010
Table: DP03

Accessibility
Information Quality
FOIA
Data Protection and Privacy Policy
U.S. Department of Commerce

BROWSE FILTERS

Topics
Geography
Years
Surveys
Codes

GEOGRAPHY

Show Summary Levels

Nation
Region
Division
State
County
Tract
Block Group
Block
Zip Code Tabulation Area (Five-Digit)

WITHIN (STATE)

Alabama
Alaska
Arizona
Arkansas
California
Colorado
Connecticut
Delaware
District of Columbia
Florida

WITHIN (COUNTY)

Within Other Geographies
 All Census Tracts within District of Columbia
District of Columbia, District of Columbia

Done

- Click **Filter**
- Select Geography → Tract → District of Columbia → **All Census Tracts within District of Columbia**
- Click the **chevron** that says “Done” in the upper right

Exercise 3e: Select Data Variable

United States Census Bureau

Search

// Search / Map / DP03

EMPLOYMENT STATUS—Population 16 Years And Over—Estimate

Survey/Program: American Community Survey Product: 2019: ACS 5-Year Estimates...
Data Variable: EMPLOYMENT STATUS... Geographies: Census Tract

CUSTOMIZE MAP

Select Clear Geos Table Notes

Survey/Program: American Community Survey
Product: 2019: ACS 5-Year Estimates...
Data Variable: **PERCENTAGE OF FAMILIES AND PEOPLE WHOSE INCOME IN THE PAST 12 MONTHS IS BELOW THE POVERTY LEVEL—All people—Percent**
Geographies: Census Tract

Legend

4950	PERCENTAGE OF FAMILIES AND PEOPLE WHOSE INCOME IN THE PAST 12 MONTHS IS BELOW THE POVERTY LEVEL—All people—Percent
3767	PERCENTAGE OF FAMILIES AND PEOPLE WHOSE INCOME IN THE PAST 12 MONTHS IS BELOW THE POVERTY LEVEL—All people—Estimate
2982	PERCENTAGE OF FAMILIES AND PEOPLE WHOSE INCOME IN THE PAST 12 MONTHS IS BELOW THE POVERTY LEVEL—All people—Under 18 years—Estimate
2202	PERCENTAGE OF FAMILIES AND PEOPLE WHOSE INCOME IN THE PAST 12 MONTHS IS BELOW THE POVERTY LEVEL—All people—Under 18 years—Percent
58–22	PERCENTAGE OF FAMILIES AND PEOPLE WHOSE INCOME IN THE PAST 12 MONTHS IS BELOW THE POVERTY LEVEL—All people—Under 18 years—Related children of the householde
No Data	

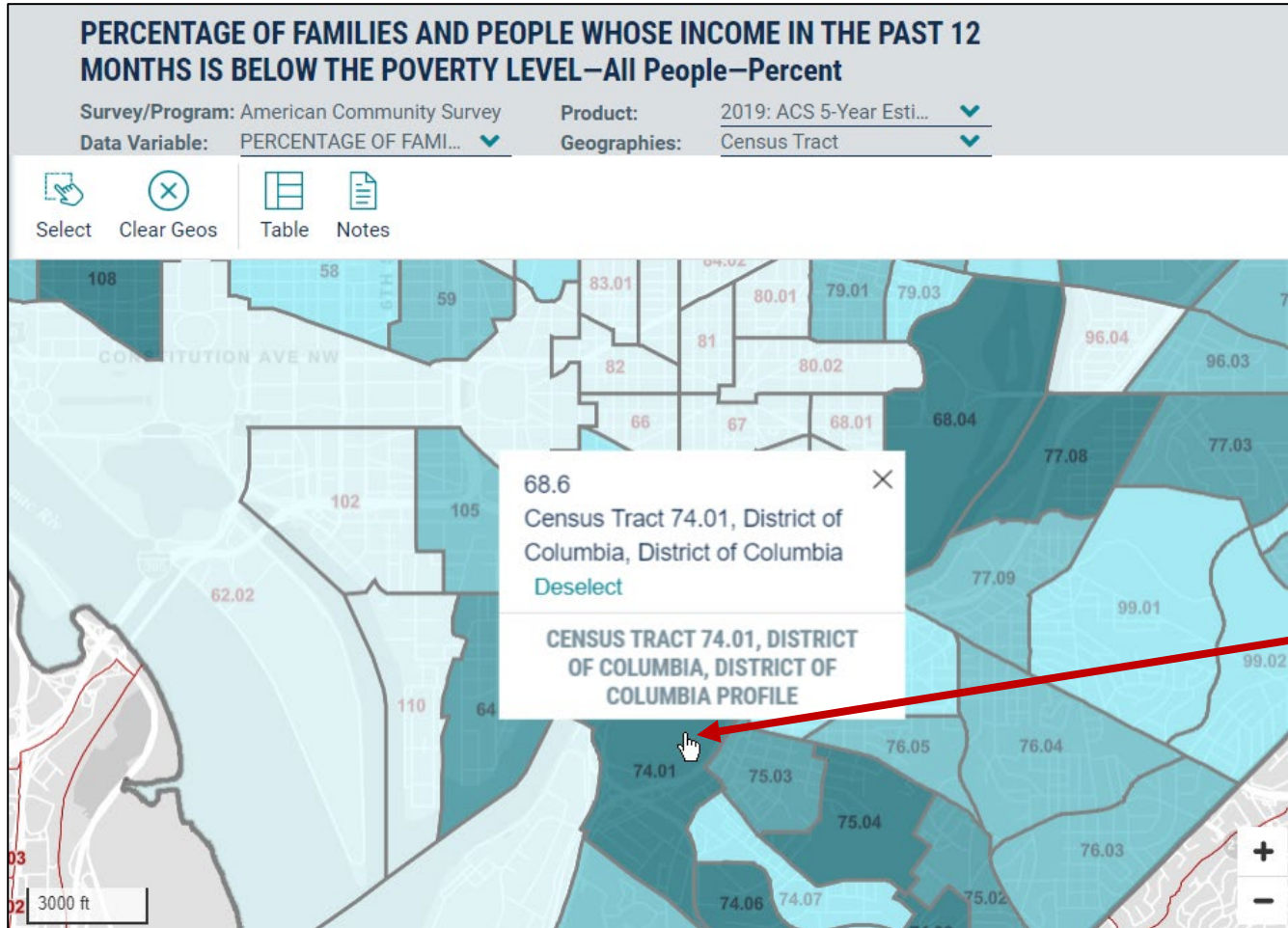
Italicized number of geography areas in each data class.

VIEW TABLE

From the Map View

- Click **Customize Map**
- Select the **Data Variable** dropdown menu
- Find and click the variable that says **PERCENTAGE OF FAMILIES AND PEOPLE WHOSE INCOME IN THE PAST 12 MONTHS IS BELOW THE POVERTY LEVEL – ALL PEOPLE—PERCENT ESTIMATE**

Exercise 3e: View Map



From the Map View

- Click on census tracts with the darkest shade of blue to see the census tract with the highest poverty rate

Outline

- Brief Overview of data.census.gov
- **Live Demo and Hands-On Exercises**
 - Single Search
 - Advanced Search
 - Address Lookup, Table Customization, Mapping
 - **Download, Export, Print**
 - Race/Ethnicity Searches
- Common Questions
- Latest Updates
- Resources for Learning More
- Q&A

data.census.gov Demo

Download

- Download DP03 for all census tracts in DC

Export

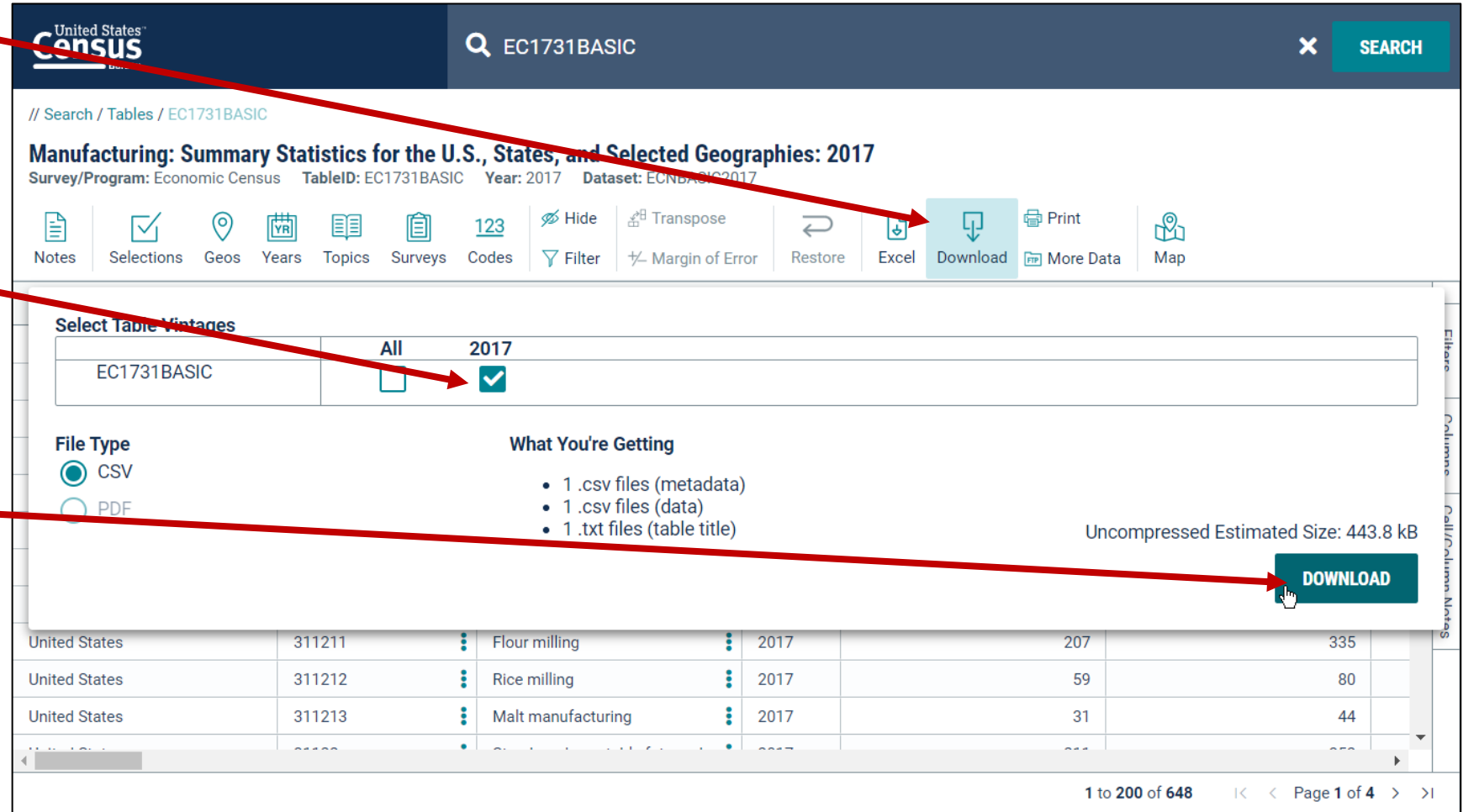
- Export and print DP03 for census tract 106 in Washington, D.C.

Exercise 4: Downloading Tables

- How can we download table EC1731BASIC from the 2017 Economic Census?
- How can we download tables B19013A and B19013B for all states from the 2019 American Community Survey?
- How to export table S1501 into a table-view in Excel?

Exercise 4a: Downloading EC1731BASIC

- Click **Download Table** from the Customize Table view
- Verify the year you would like to download
- Click **Download**



United States Census Bureau

EC1731BASIC

// Search / Tables / EC1731BASIC

Manufacturing: Summary Statistics for the U.S., States, and Selected Geographies: 2017

Survey/Program: Economic Census TableID: EC1731BASIC Year: 2017 Dataset: ECNBASIG2017

Notes Selections Geos Years Topics Surveys Codes 123 Hide Transpose Restore Excel Download Print More Data Map

Select Table Versions

Table ID	Year	Selected
EC1731BASIC	All	<input type="checkbox"/>
	2017	<input checked="" type="checkbox"/>

File Type: CSV PDF

What You're Getting:

- 1 .csv files (metadata)
- 1 .csv files (data)
- 1 .txt files (table title)

Uncompressed Estimated Size: 443.8 kB

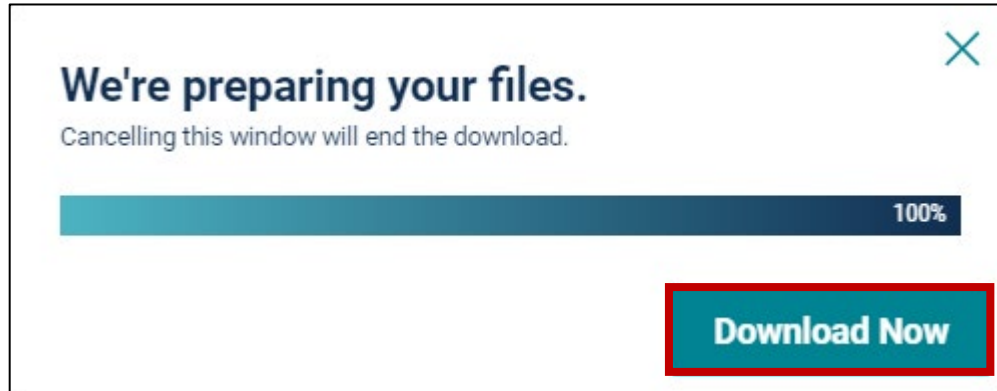
DOWNLOAD

United States	311211	Flour milling	2017	207	335
United States	311212	Rice milling	2017	59	80
United States	311213	Malt manufacturing	2017	31	44

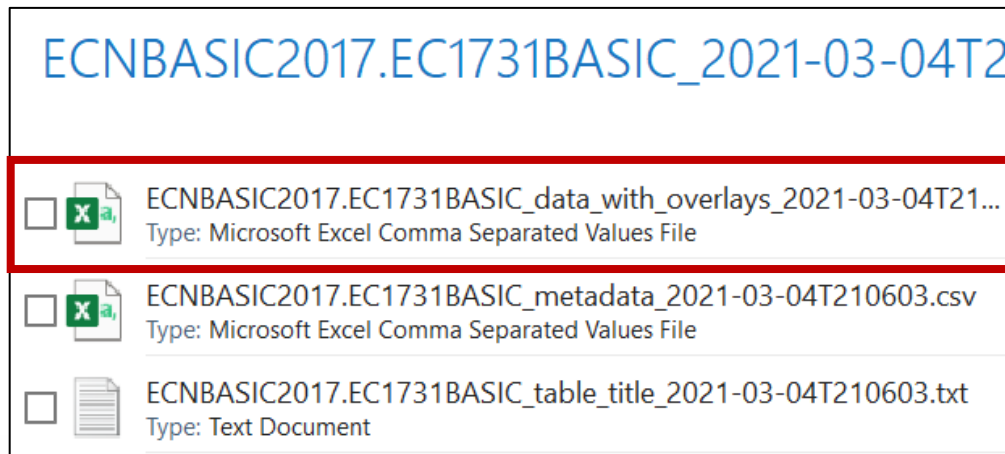
1 to 200 of 648 Page 1 of 4

Exercise 4a: Open File

- Wait for the download status to reach 100% and then click **Download Now**



- Open the .csv file that has “**data_with_overlays**” in the naming convention

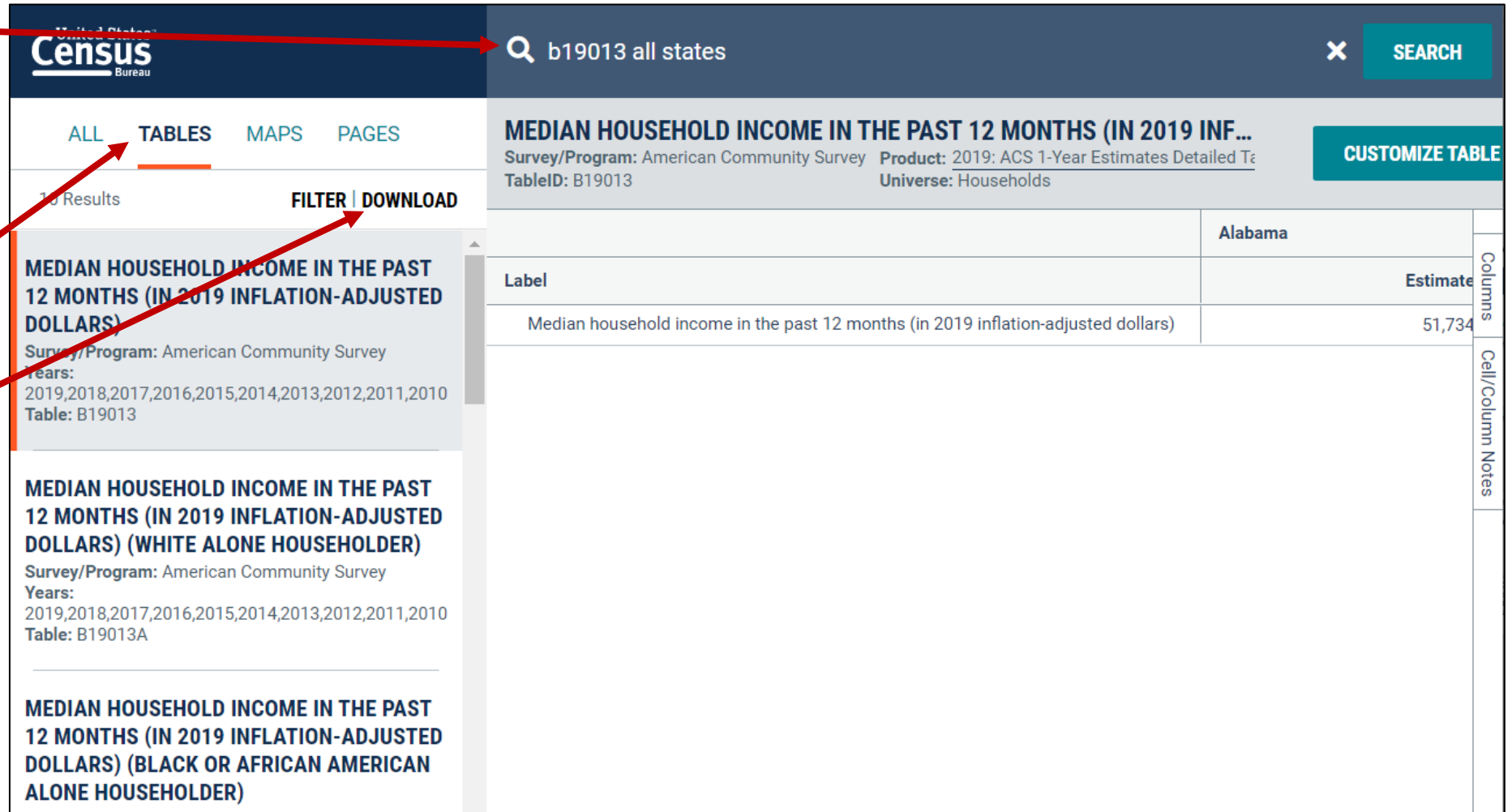


Exercise 4a: Open File

	A	B	C	D	E	F	G	H	I	J	K	PA
1	GEO_ID	GEO_ID_F	NAME	NAICS2017	NAICS2017_F	NAICS2017	YEAR	FIRM	ESTAB	RCPTOT	PAYANN	PA
2	id	Geo Footnote	Geographic Area Name	2017 NAICS code	2017 NAICS Footnote	Meaning	cYear	Number o	Number o	Sales, valu	Annual pa	Fi
3	0100000US	null	United States	31-33	null	Manufact	2017	249014	291586	5.55E+09	6.71E+08	1
4	0100000US	null	United States	311	null	Food man	2017	23115	27466	7.76E+08	67327441	16
5	0100000US	null	United States	3111	null	Animal fo	2017	1159	1793	55133002	2822212	
6	0100000US	null	United States	31111	null	Animal fo	2017	1159	1793	55133002	2822212	
7	0100000US	null	United States	311111	null	Dog and c	2017	307	387	23202661	1344960	
8	0100000US	null	United States	311119	null	Other anir	2017	861	1406	31930341	1477252	
9	0100000US	null	United States	3112	null	Grain and	2017	552	896	81199851	3316681	
10	0100000US	null	United States	31121	null	Flour milli	2017	293	459	16431295	1053736	
11	0100000US	null	United States	311211	null	Flour milli	2017	207	335	11591008	735652	
12	0100000US	null	United States	311212	null	Rice millin	2017	59	80	3556572	252073	
13	0100000US	null	United States	311213	null	Malt man	2017	31	44	1283715	66011	
14	0100000US	null	United States	31122	null	Starch and	2017	211	352	54695799	1439763	
15	0100000US	null	United States	311221	null	Wet corn r	2017	37	74	9783834	505878	
16	0100000US	null	United States	311224	null	Soybean a	2017	102	178	35354471	570249	
17	0100000US	null	United States	311225	null	Fats and o	2017	79	100	9557494	363636	
18	0100000US	null	United States	31123	null	Breakfast c	2017	58	85	10072757	823182	
19	0100000US	null	United States	311230	null	Breakfast c	2017	58	85	10072757	823182	
20	0100000US	null	United States	3113	null	Sugar and	2017	1773	1945	36930185	3809585	
21	0100000US	null	United States	31131	null	Sugar mar	2017	46	81	10116796	762100	

Exercise 4b: Downloading B19013A & B19013B for All States

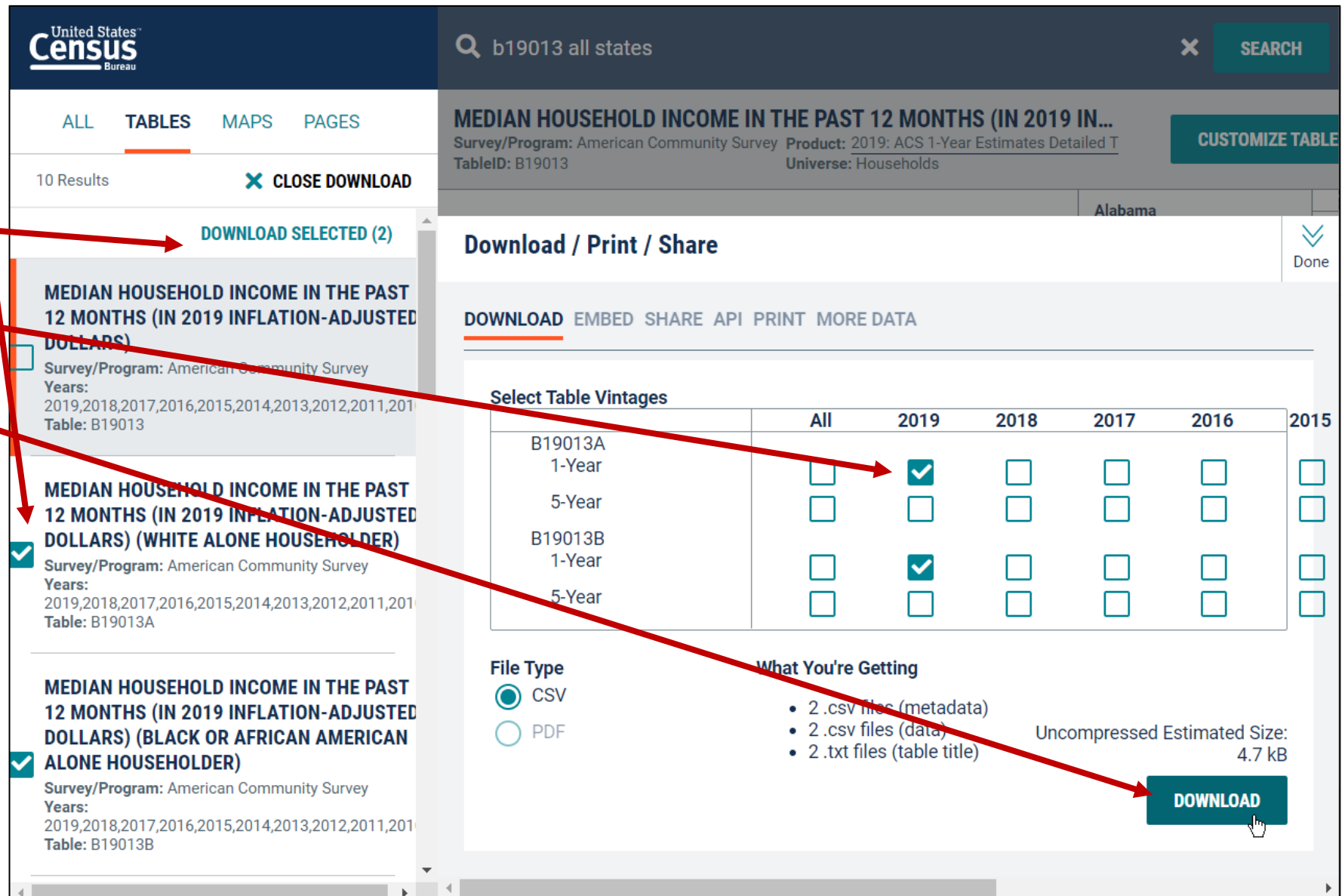
- Type **B19013 all states** in the single search bar and press enter
- Click **Tables** in the upper left
- Click **Download**



The screenshot shows the Census Bureau website interface. At the top, the search bar contains the text "b19013 all states" and a "SEARCH" button. Below the search bar, there are tabs for "ALL", "TABLES", "MAPS", and "PAGES". The "TABLES" tab is selected. The main content area displays search results for "MEDIAN HOUSEHOLD INCOME IN THE PAST 12 MONTHS (IN 2019 INF...)" with details for Survey/Program, Product, and Universe. A table is shown with columns for "Label" and "Estimate", and a row for "Median household income in the past 12 months (in 2019 inflation-adjusted dollars)" with a value of 51,734. A "DOWNLOAD" button is visible in the top right of the results area.

Exercise 4b: Downloading B19013A & B19013B for All States

- Check the box next to tables B19013A and B19013B
- Click 'Download Selected (2)'
- Make sure the 2019 boxes are checked
- Click **DOWNLOAD**
- Continue with the same download procedure



United States Census Bureau

Search: b19013 all states

MEDIAN HOUSEHOLD INCOME IN THE PAST 12 MONTHS (IN 2019 IN...
Survey/Program: American Community Survey Product: 2019: ACS 1-Year Estimates Detailed T
TableID: B19013 Universe: Households

10 Results CLOSE DOWNLOAD

DOWNLOAD SELECTED (2)

MEDIAN HOUSEHOLD INCOME IN THE PAST 12 MONTHS (IN 2019 INFLATION-ADJUSTED DOLLARS)
Survey/Program: American Community Survey
Years: 2019,2018,2017,2016,2015,2014,2013,2012,2011,2010
Table: B19013

MEDIAN HOUSEHOLD INCOME IN THE PAST 12 MONTHS (IN 2019 INFLATION-ADJUSTED DOLLARS) (WHITE ALONE HOUSEHOLDER)
Survey/Program: American Community Survey
Years: 2019,2018,2017,2016,2015,2014,2013,2012,2011,2010
Table: B19013A

MEDIAN HOUSEHOLD INCOME IN THE PAST 12 MONTHS (IN 2019 INFLATION-ADJUSTED DOLLARS) (BLACK OR AFRICAN AMERICAN ALONE HOUSEHOLDER)
Survey/Program: American Community Survey
Years: 2019,2018,2017,2016,2015,2014,2013,2012,2011,2010
Table: B19013B

Download / Print / Share

DOWNLOAD EMBED SHARE API PRINT MORE DATA

Select Table Vintages

	All	2019	2018	2017	2016	2015
B19013A 1-Year	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B19013A 5-Year	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B19013B 1-Year	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B19013B 5-Year	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

File Type: CSV PDF

What You're Getting

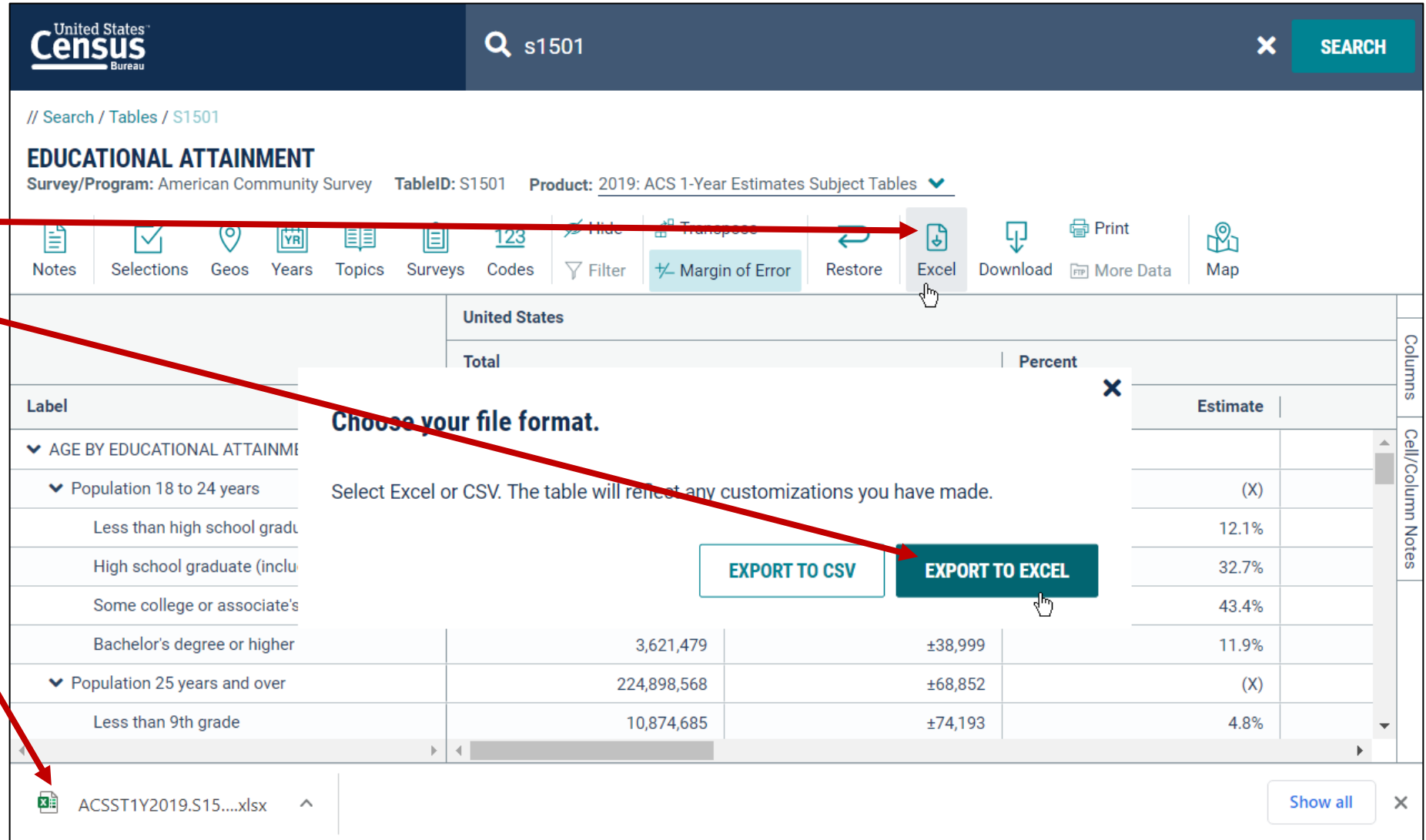
- 2 .csv files (metadata)
- 2 .csv files (data)
- 2 .txt files (table title)

Uncompressed Estimated Size: 4.7 kB

DOWNLOAD

Exercise 4c: Exporting S1501

- Locate your desired table and navigate to the Customize Table view
- Click **Excel**
- Choose **Export to Excel**
- Open file



United States Census Bureau

s1501

SEARCH

// Search / Tables / S1501

EDUCATIONAL ATTAINMENT

Survey/Program: American Community Survey TableID: S1501 Product: 2019: ACS 1-Year Estimates Subject Tables

Notes Selections Geos Years Topics Surveys Codes Filter Margin of Error Restore Excel Download Print More Data Map

United States

Total Percent

Label Estimate

AGE BY EDUCATIONAL ATTAINMENT

Population 18 to 24 years

Less than high school graduate

High school graduate (including high school seniors)

Some college or associate's degree

Bachelor's degree or higher

Population 25 years and over

Less than 9th grade

3,621,479 ±38,999 11.9%

224,898,568 ±68,852 (X)

10,874,685 ±74,193 4.8%

Choose your file format.

Select Excel or CSV. The table will reflect any customizations you have made.

EXPORT TO CSV EXPORT TO EXCEL

ACSST1Y2019.S15....xlsx Show all

Exercise 4c: Exporting S1501

- Click the **Data** worksheet
- View your table

	A	B	C	D	E		
1		United States					
2		Total		Percent		Mal	
3	Label	Estimate	Margin of Error	Estimate	Margin of Error	Esti	
4	AGE BY EDUCATIONAL ATTAINMENT						
5	Population 18 to 24 years	30,373,170	±42,282	(X)	(X)	15,5	
6	Less than high school graduate	3,662,080	±41,512	12.1%	±0.1	2,12	
7	High school graduate (includes equivalency)	9,921,331	±56,156	32.7%	±0.2	5,61	
8	Some college or associate's degree	13,168,280	±67,371	43.4%	±0.2	6,29	
9	Bachelor's degree or higher	3,621,479	±38,999	11.9%	±0.1	1,51	
10	Population 25 years and over	224,898,568	±68,852	(X)	(X)	108	
11	Less than 9th grade	10,874,685	+74,193	4.8%	+0.1	5,40	

Information **Data** (+)

Outline

- Brief Overview of data.census.gov
- **Live Demo and Hands-On Exercises**
 - Single Search
 - Advanced Search
 - Address Lookup, Table Customization, Mapping
 - Download, Export, Print
 - **Race/Ethnicity Searches**
- Common Questions
- Latest Updates
- Resources for Learning More
- Q&A

Advanced Search: Accessing Distributions of Basic Race Groups

The screenshot displays a multi-step navigation process in the Census Bureau's Advanced Search tool. It is divided into four vertical panels:

- FILTERS:** A sidebar on the left with options: Topics, Geography, Years, Surveys, and Codes. 'Topics' is selected.
- TOPICS:** A list of subject areas including Business and Economy, Education, Employment, Families and Living Arrangements, Government, Health, Housing, Income and Poverty, Populations and People, and Race and Ethnicity. 'Race and Ethnicity' is selected.
- RACE AND ETHNICITY:** A list of racial and ethnic categories including '-01 - All available basic races alone', American Indian and Alaska Native, Asian, Black or African American, Hispanic or Latino, Native Hawaiian and Pacific Islander, Not Hispanic or Latino, Some Other Race, Two or More Races, and White. 'Asian' is selected.
- ASIAN:** A list of specific Asian sub-categories including '-04 - All available detailed Asi: races', '012 - Asian alone (400-499)', '031 - Asian alone or in combination with one or more other races (400-499) & (100-299) or (300, A01-Z99) or (400-999)', Detailed Asian Alone, and Detailed Asian Alone Combination. The 'Asian' checkbox at the top is checked.

Red arrows and brackets highlight the selection path: from 'Race and Ethnicity' in the Topics panel to 'Asian' in the RACE AND ETHNICITY panel, and then to the checked 'Asian' checkbox in the ASIAN panel.

Topics → Race and Ethnicity

- Select a basic race or ethnic group
- Select the checkbox at the top for distributions

FAQ: How do I access data by race, Hispanic Origin, ancestry, or country of birth

ask.census.gov/prweb/PRServletCustom?pyActivity=pyMobileSnapStart&ArticleID=KCP-5496

Advanced Search: Characteristics of Detailed Pop Groups

Topics → Race and Ethnicity

- Select results without checkboxes to drill deeper until you get to the most detailed population groups
- Example: Topics → Race and Ethnicity → Asian → Detailed Asian Alone → Japanese alone (430-439)

The screenshot displays a multi-column search interface. On the left, a 'BROWSE FILTERS' sidebar lists 'Topics', 'Geography', 'Years', 'Surveys', and 'Codes'. The 'TOPICS' column lists various categories, with 'Race and Ethnicity' highlighted. The 'RACE AND ETHNICITY' column lists options like '-01 - All available basic races alone', 'Asian', 'Black or African American', etc., with 'Asian' highlighted. The 'ASIAN' column lists 'Asian', '-04 - All available detailed Asian races', '012 - Asian alone (400-499)', and 'Detailed Asian Alone', with 'Detailed Asian Alone' highlighted. The 'DETAILED ASIAN ALONE' column lists specific groups, with '022 - Japanese alone (430-439)' checked. A red arrow points from the 'Detailed Asian Alone' header to the selected 'Japanese alone' option.

BROWSE FILTERS	TOPICS	RACE AND ETHNICITY	ASIAN	DETAILED ASIAN ALONE
Topics	Business and Economy	<input type="checkbox"/> -01 - All available basic races alone	<input type="checkbox"/> Asian	<input type="checkbox"/> 018 - Taiwanese alone (412-419)
Geography	Education	<input type="checkbox"/> -02 - All available basic races alone or in combination	<input type="checkbox"/> -04 - All available detailed Asian races	<input type="checkbox"/> 019 - Filipino alone (420-421)
Years	Employment	<input type="checkbox"/> -03 - All available basic race combinations	<input type="checkbox"/> 012 - Asian alone (400-499)	<input type="checkbox"/> 020 - Hmong alone (422)
Surveys	Families and Living Arrangements	American Indian and Alaska Native	<input type="checkbox"/> 021 - Asian alone or in combination with one or more other races (400-499) & (100-299) or (300, A01-Z99) or (400-999)	<input type="checkbox"/> 021 - Indonesian alone (423-429)
Codes	Government	Asian	Detailed Asian Alone	<input checked="" type="checkbox"/> 022 - Japanese alone (430-439)
	Health	Black or African American	Detailed Asian Alone or in Any Combination	<input type="checkbox"/> 023 - Korean alone (440-441)
	Housing	Hispanic or Latino		<input type="checkbox"/> 024 - Laotian alone (442)
	Income and Poverty	<input type="checkbox"/> Native Hawaiian and Pacific Islander		<input type="checkbox"/> 025 - Malaysian alone (443)
	Populations and People	Not Hispanic or Latino		<input type="checkbox"/> 026 - Pakistani alone (445)
	Race and Ethnicity	Some Other Race		<input type="checkbox"/> 027 - Sri Lankan alone (446)
		Two or More Races		<input type="checkbox"/> 028 - Thai alone (447-449)
		White		<input type="checkbox"/> 029 - Vietnamese alone (450-459)

data.census.gov Demo

Basic Race Groups:

- How many people of Hispanic or Latino origin live in the United States?

Detailed Ethnic Group:

- What percentage of the Mexican population in the United States are in the labor force?

Exercise 5: Accessing Basic and Detailed Race Groups

- How many Asians live in Washington, DC?
- What percentage of the Korean alone population in Virginia has a bachelor's degree or higher?

Exercise 5: Accessing Basic and Detailed Race Groups

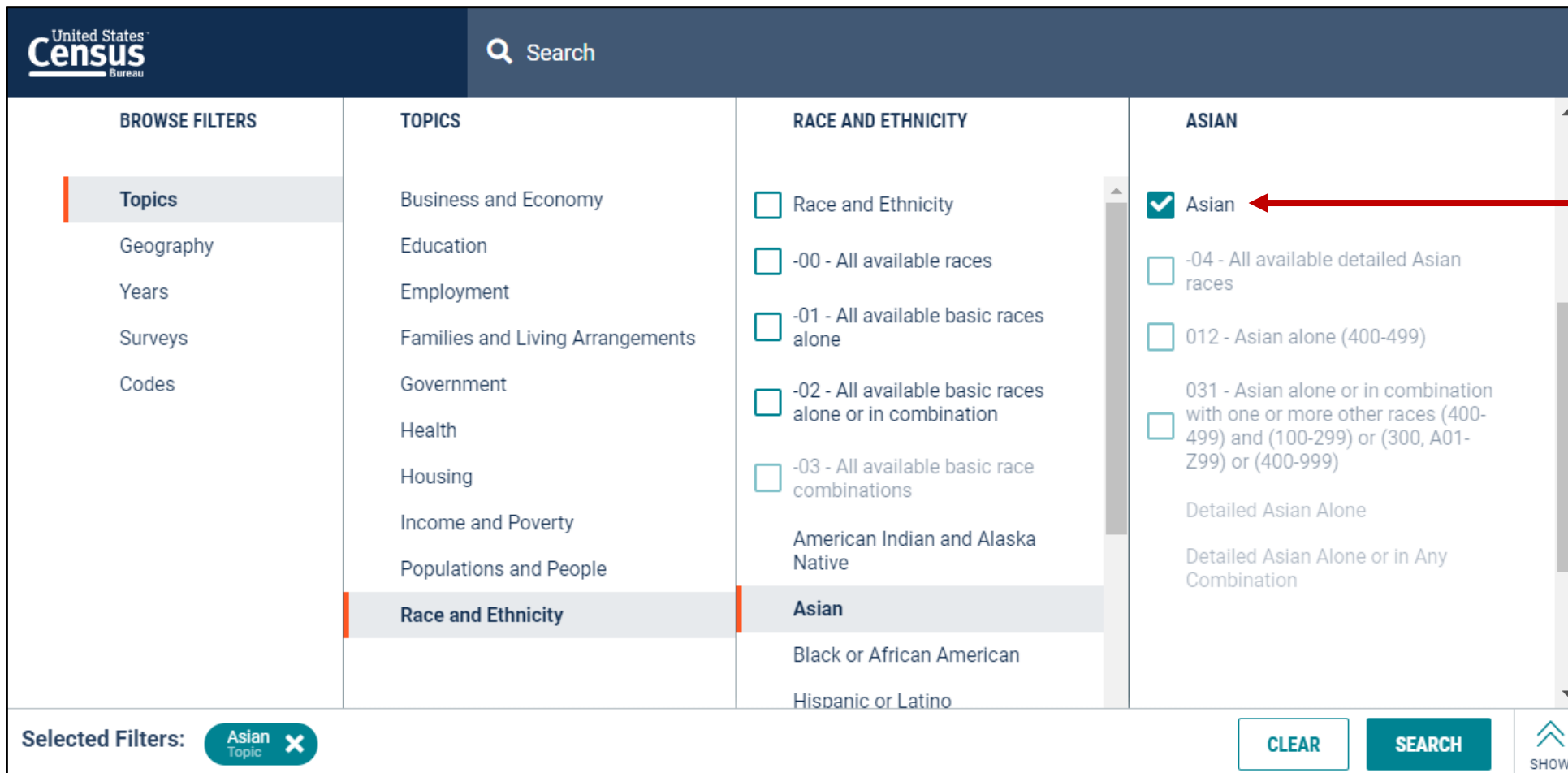
- How many Asians live in Washington, DC?

28,722

- What percentage of the Korean alone population in Virginia has a bachelor's degree or higher?

57.9%

Exercise 5a: Select Topic – Asian



United States Census Bureau

Search

BROWSE FILTERS

- Topics
- Geography
- Years
- Surveys
- Codes

TOPICS

- Business and Economy
- Education
- Employment
- Families and Living Arrangements
- Government
- Health
- Housing
- Income and Poverty
- Populations and People
- Race and Ethnicity**

RACE AND ETHNICITY

- Race and Ethnicity
- 00 - All available races
- 01 - All available basic races alone
- 02 - All available basic races alone or in combination
- 03 - All available basic race combinations
- American Indian and Alaska Native
- Asian**
- Black or African American
- Hispanic or Latino

ASIAN

- Asian
- 04 - All available detailed Asian races
- 012 - Asian alone (400-499)
- 031 - Asian alone or in combination with one or more other races (400-499) and (100-299) or (300, A01-Z99) or (400-999)
- Detailed Asian Alone
- Detailed Asian Alone or in Any Combination

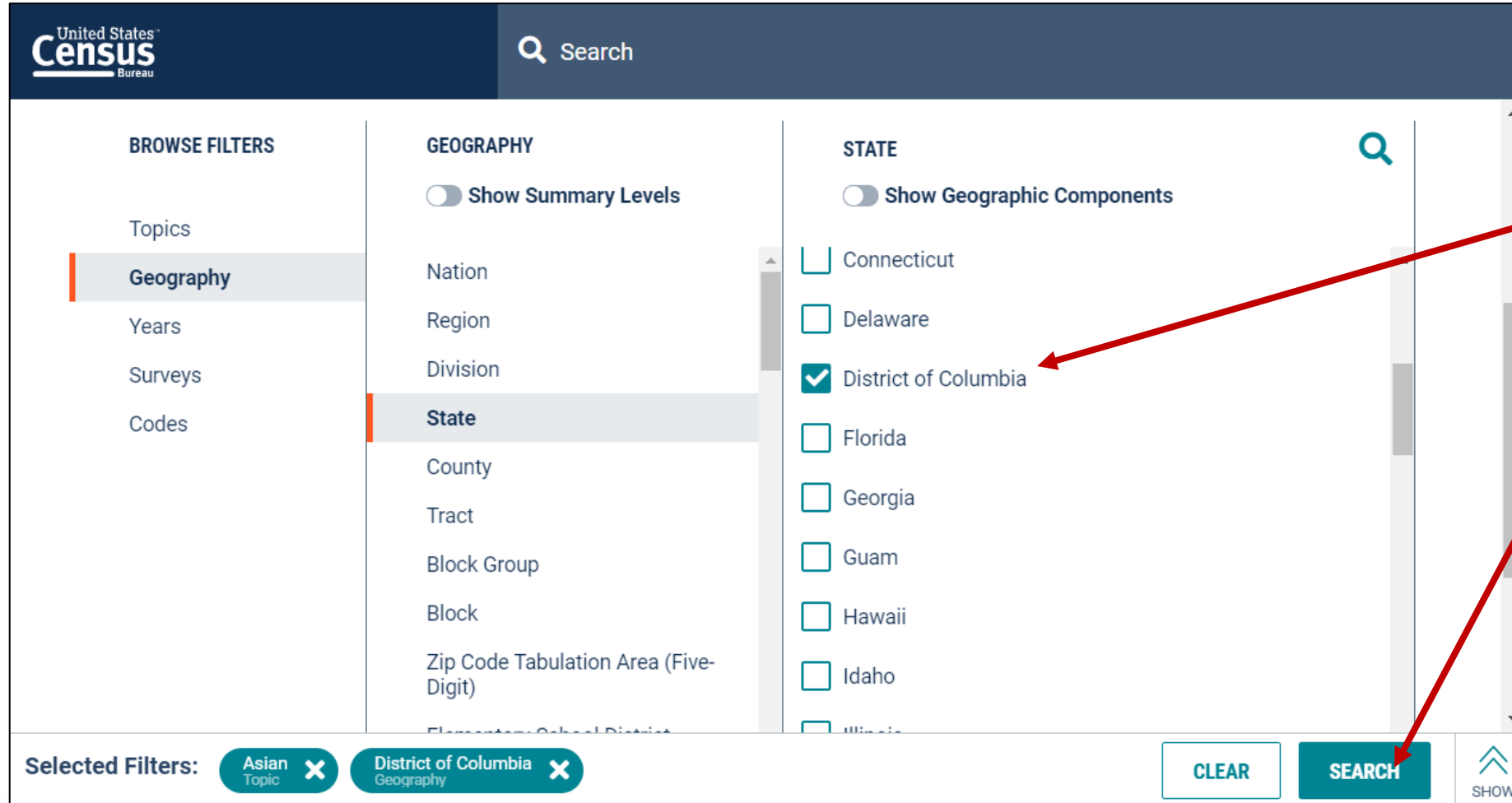
Selected Filters: Asian Topic

CLEAR SEARCH SHOW

- Select Topics

Topics → Race and Ethnicity → Asian → **Asian**

Exercise 5a: Select Geography – Washington, DC



United States[™]
Census
Bureau

Search

BROWSE FILTERS

- Topics
- Geography**
- Years
- Surveys
- Codes

GEOGRAPHY

Show Summary Levels

- Nation
- Region
- Division
- State**
- County
- Tract
- Block Group
- Block
- Zip Code Tabulation Area (Five-Digit)
- Elementary School District

STATE

Show Geographic Components

- Connecticut
- Delaware
- District of Columbia
- Florida
- Georgia
- Guam
- Hawaii
- Idaho
- Illinois

Selected Filters: Asian Topic District of Columbia Geography

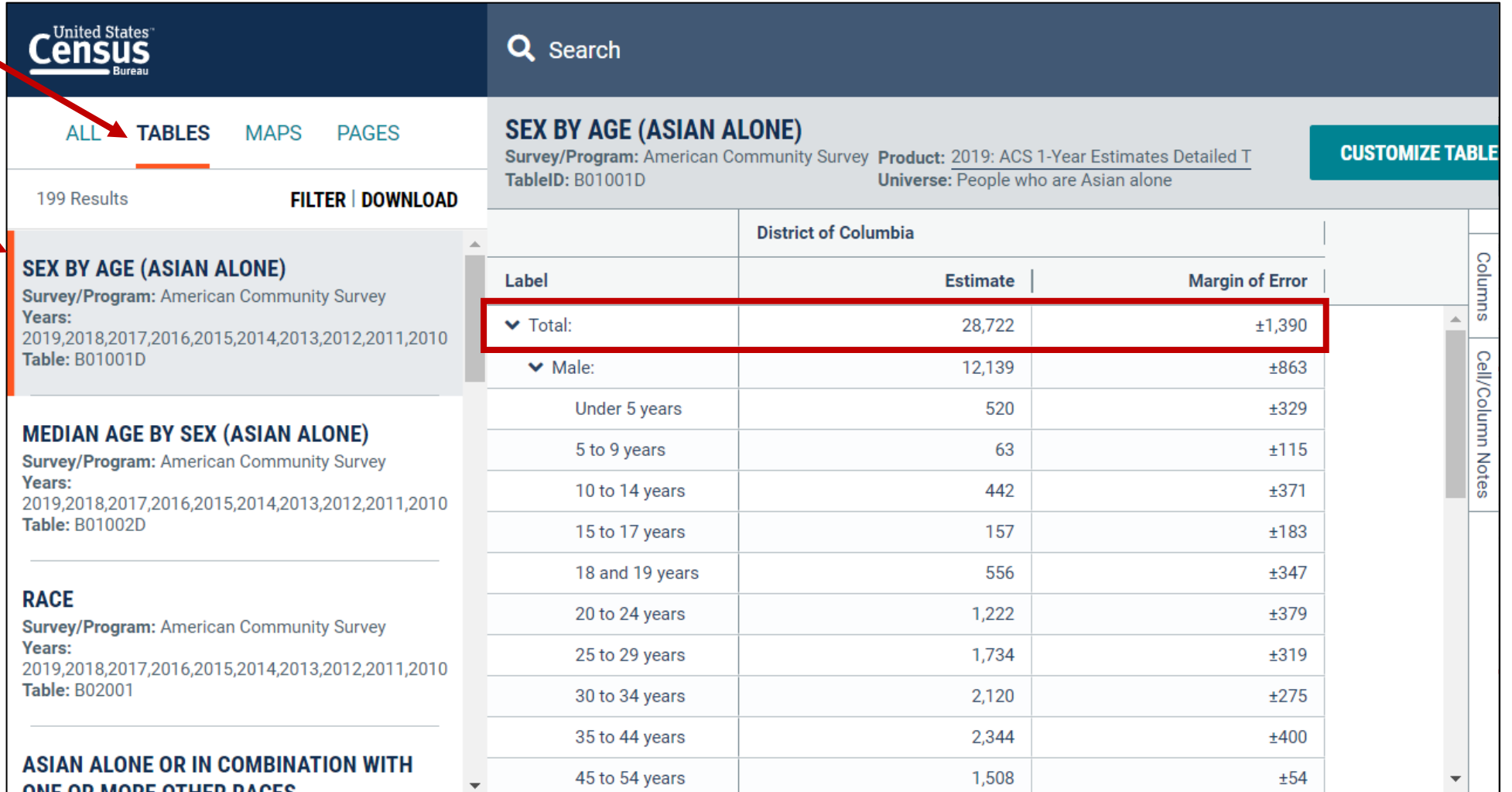
- Select Geography

Geography → State
→ **District of Columbia**

- Verify filters and click **Search** in the lower right

Exercise 5a: View Result

- Click **Tables** in the upper left
- View result for B01001D, Sex By Age (Asian alone)



United States Census Bureau

Search

ALL **TABLES** MAPS PAGES

199 Results FILTER | DOWNLOAD

SEX BY AGE (ASIAN ALONE)
Survey/Program: American Community Survey Product: 2019: ACS 1-Year Estimates Detailed T
TableID: B01001D Universe: People who are Asian alone **CUSTOMIZE TABLE**

District of Columbia

Label	Estimate	Margin of Error
▼ Total:	28,722	±1,390
▼ Male:	12,139	±863
Under 5 years	520	±329
5 to 9 years	63	±115
10 to 14 years	442	±371
15 to 17 years	157	±183
18 and 19 years	556	±347
20 to 24 years	1,222	±379
25 to 29 years	1,734	±319
30 to 34 years	2,120	±275
35 to 44 years	2,344	±400
45 to 54 years	1,508	±54

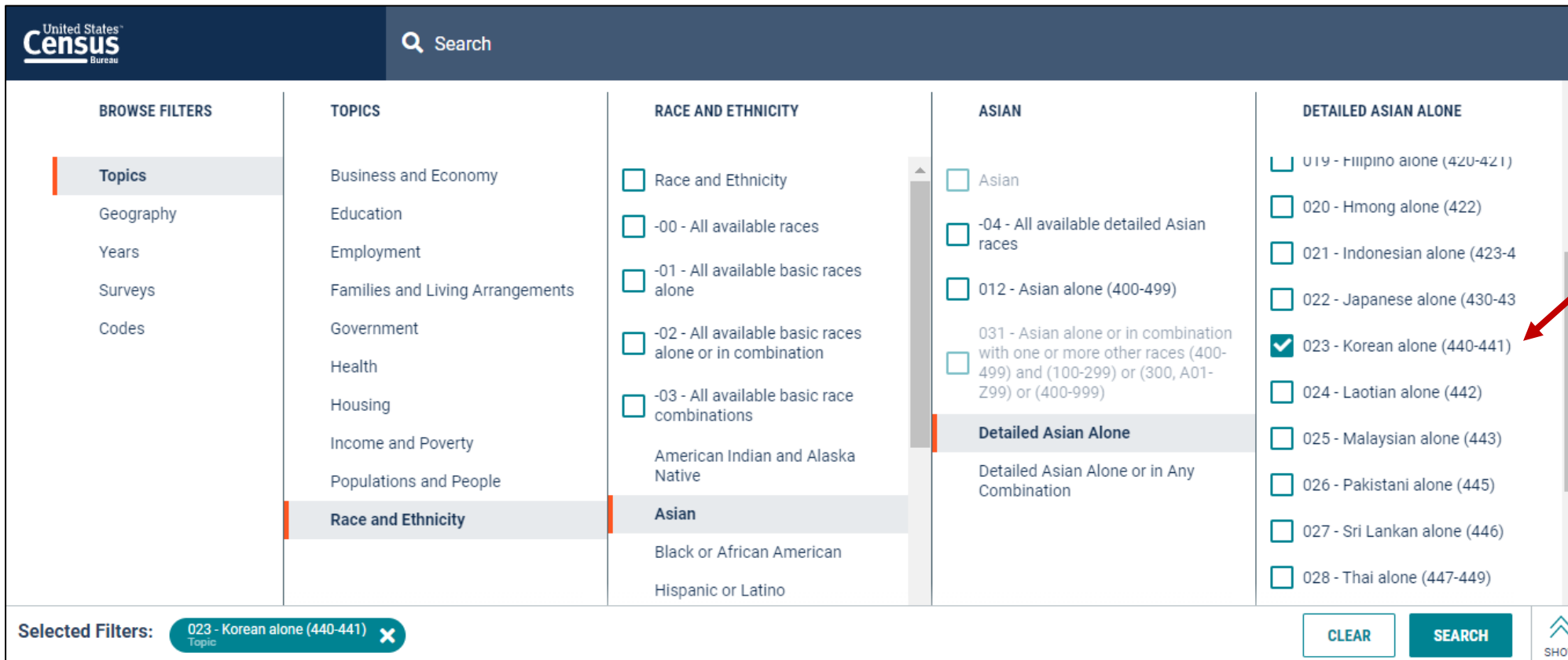
MEDIAN AGE BY SEX (ASIAN ALONE)
Survey/Program: American Community Survey
Years: 2019,2018,2017,2016,2015,2014,2013,2012,2011,2010
Table: B01002D

RACE
Survey/Program: American Community Survey
Years: 2019,2018,2017,2016,2015,2014,2013,2012,2011,2010
Table: B02001

ASIAN ALONE OR IN COMBINATION WITH ONE OR MORE OTHER RACES

Columns
Cell/Column Notes

Exercise 5b: Select Topic – 023-Korean Alone



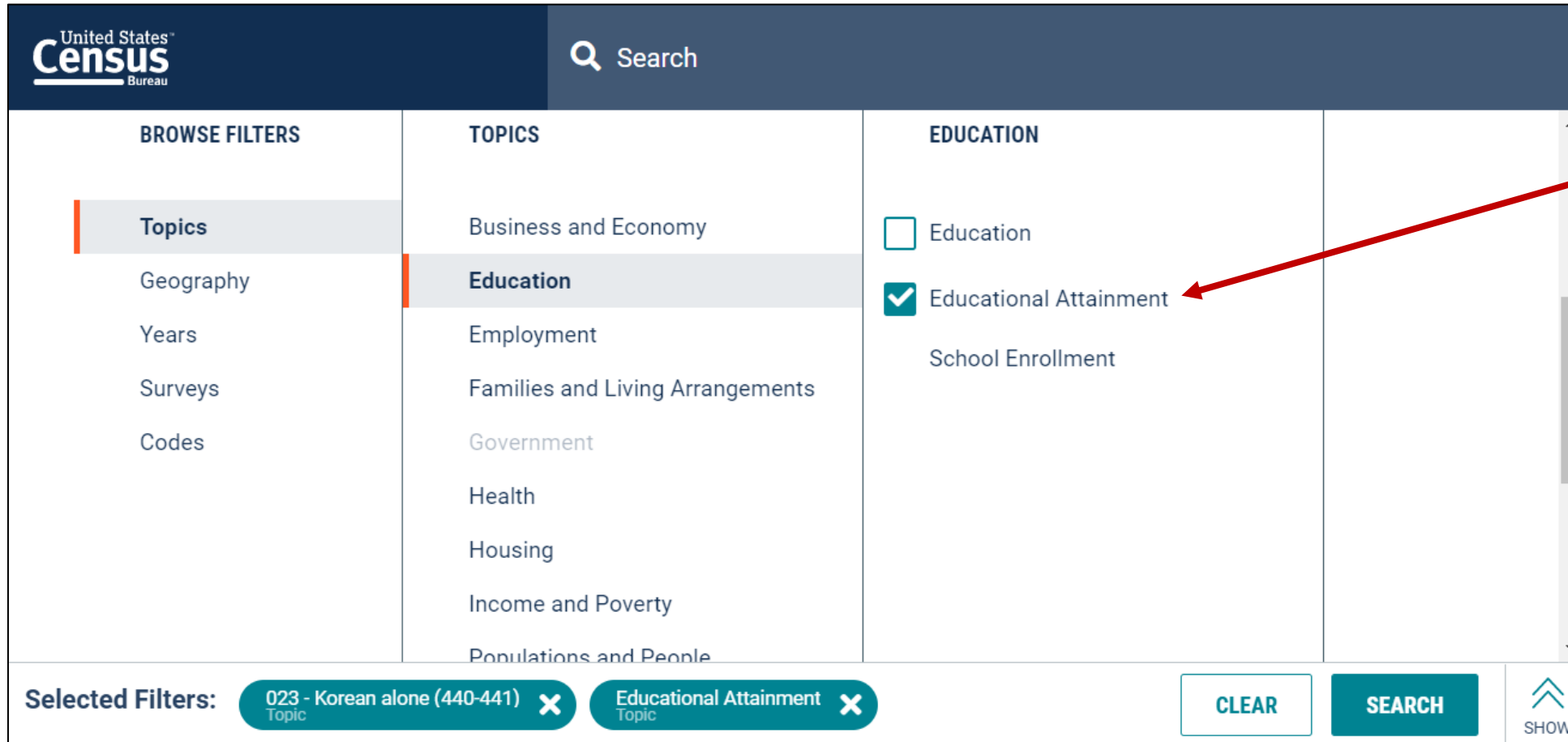
The screenshot shows the United States Census Bureau website interface. The top navigation bar includes the logo and a search field. The main content area is divided into several columns: BROWSE FILTERS, TOPICS, RACE AND ETHNICITY, ASIAN, and DETAILED ASIAN ALONE. The TOPICS column is expanded to show 'Race and Ethnicity'. The RACE AND ETHNICITY column is expanded to show 'Asian'. The ASIAN column is expanded to show 'Detailed Asian Alone'. The DETAILED ASIAN ALONE column is expanded to show a list of topics, with '023 - Korean alone (440-441)' selected. The 'Selected Filters' section at the bottom left shows '023 - Korean alone (440-441)' with a close button. The bottom right contains 'CLEAR', 'SEARCH', and 'SHOW' buttons.

BROWSE FILTERS	TOPICS	RACE AND ETHNICITY	ASIAN	DETAILED ASIAN ALONE
Topics	Business and Economy	<input type="checkbox"/> Race and Ethnicity	<input type="checkbox"/> Asian	<input type="checkbox"/> 019 - Filipino alone (420-421)
Geography	Education	<input type="checkbox"/> -00 - All available races	<input type="checkbox"/> -04 - All available detailed Asian races	<input type="checkbox"/> 020 - Hmong alone (422)
Years	Employment	<input type="checkbox"/> -01 - All available basic races alone	<input type="checkbox"/> 012 - Asian alone (400-499)	<input type="checkbox"/> 021 - Indonesian alone (423-4)
Surveys	Families and Living Arrangements	<input type="checkbox"/> -02 - All available basic races alone or in combination	<input type="checkbox"/> 031 - Asian alone or in combination with one or more other races (400-499) and (100-299) or (300, A01-Z99) or (400-999)	<input type="checkbox"/> 022 - Japanese alone (430-43)
Codes	Government	<input type="checkbox"/> -03 - All available basic race combinations	Detailed Asian Alone	<input checked="" type="checkbox"/> 023 - Korean alone (440-441)
	Health	American Indian and Alaska Native	Detailed Asian Alone or in Any Combination	<input type="checkbox"/> 024 - Laotian alone (442)
	Housing	Asian		<input type="checkbox"/> 025 - Malaysian alone (443)
	Income and Poverty	Black or African American		<input type="checkbox"/> 026 - Pakistani alone (445)
	Populations and People	Hispanic or Latino		<input type="checkbox"/> 027 - Sri Lankan alone (446)
				<input type="checkbox"/> 028 - Thai alone (447-449)

- Select Topics

Topics → Race and Ethnicity → Asian → Detailed Asian alone → **023 – Korean alone (440-441)**

Exercise 5b: Select Topic – Educational Attainment

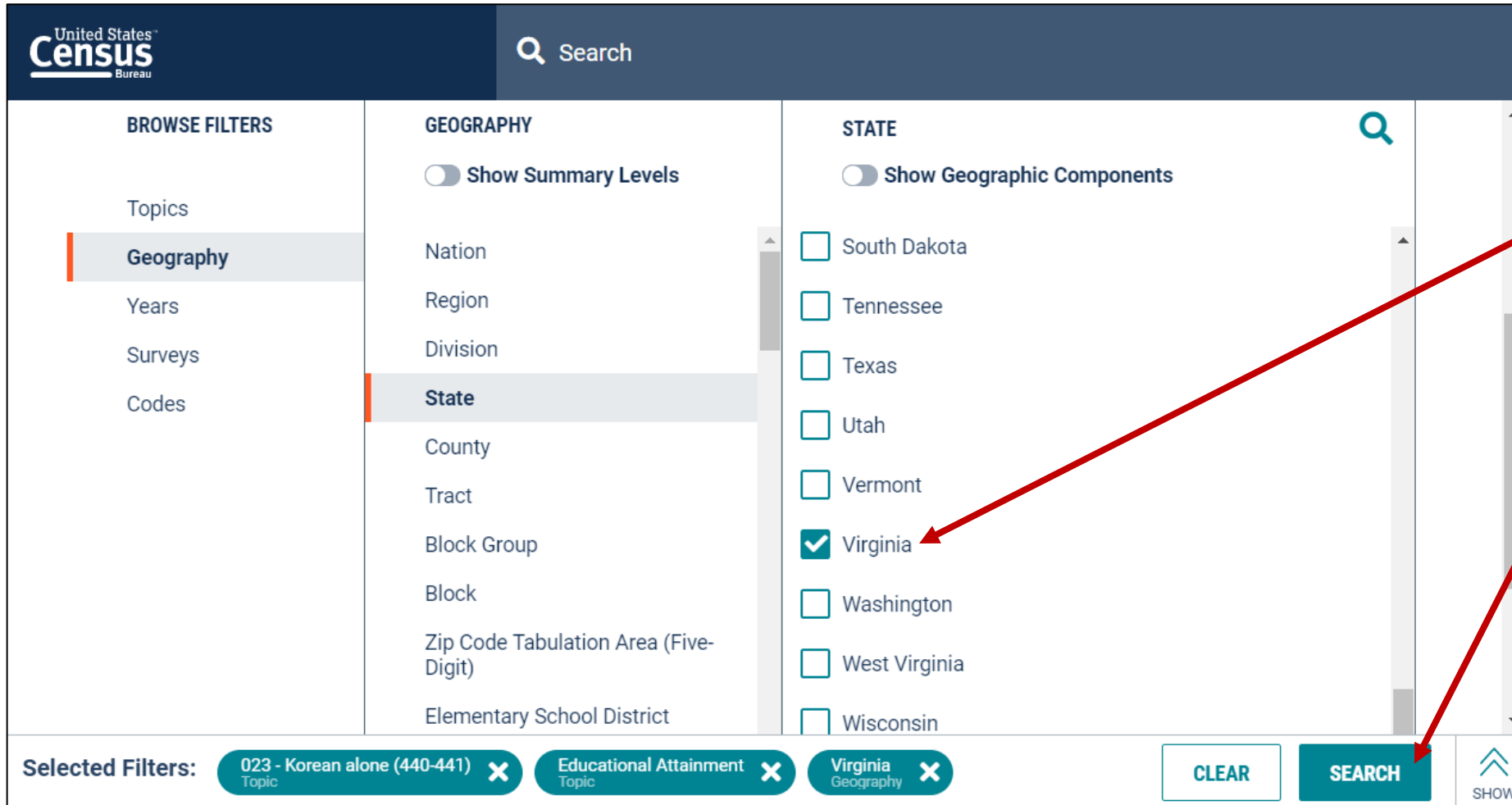


The screenshot shows the United States Census Bureau website interface. At the top left is the logo. A search bar is at the top right. The main content area is divided into three columns: 'BROWSE FILTERS', 'TOPICS', and 'EDUCATION'. Under 'BROWSE FILTERS', 'Topics' is selected. Under 'TOPICS', 'Education' is selected. Under 'EDUCATION', 'Educational Attainment' is checked with a green checkmark. A red arrow points from the text on the right to this checkmark. At the bottom, there are 'Selected Filters' for '023 - Korean alone (440-441)' and 'Educational Attainment', along with 'CLEAR', 'SEARCH', and 'SHOW' buttons.

- Select Topics

Topics → Education
→ **Educational Attainment**

Exercise 5b: Select Geography – Virginia



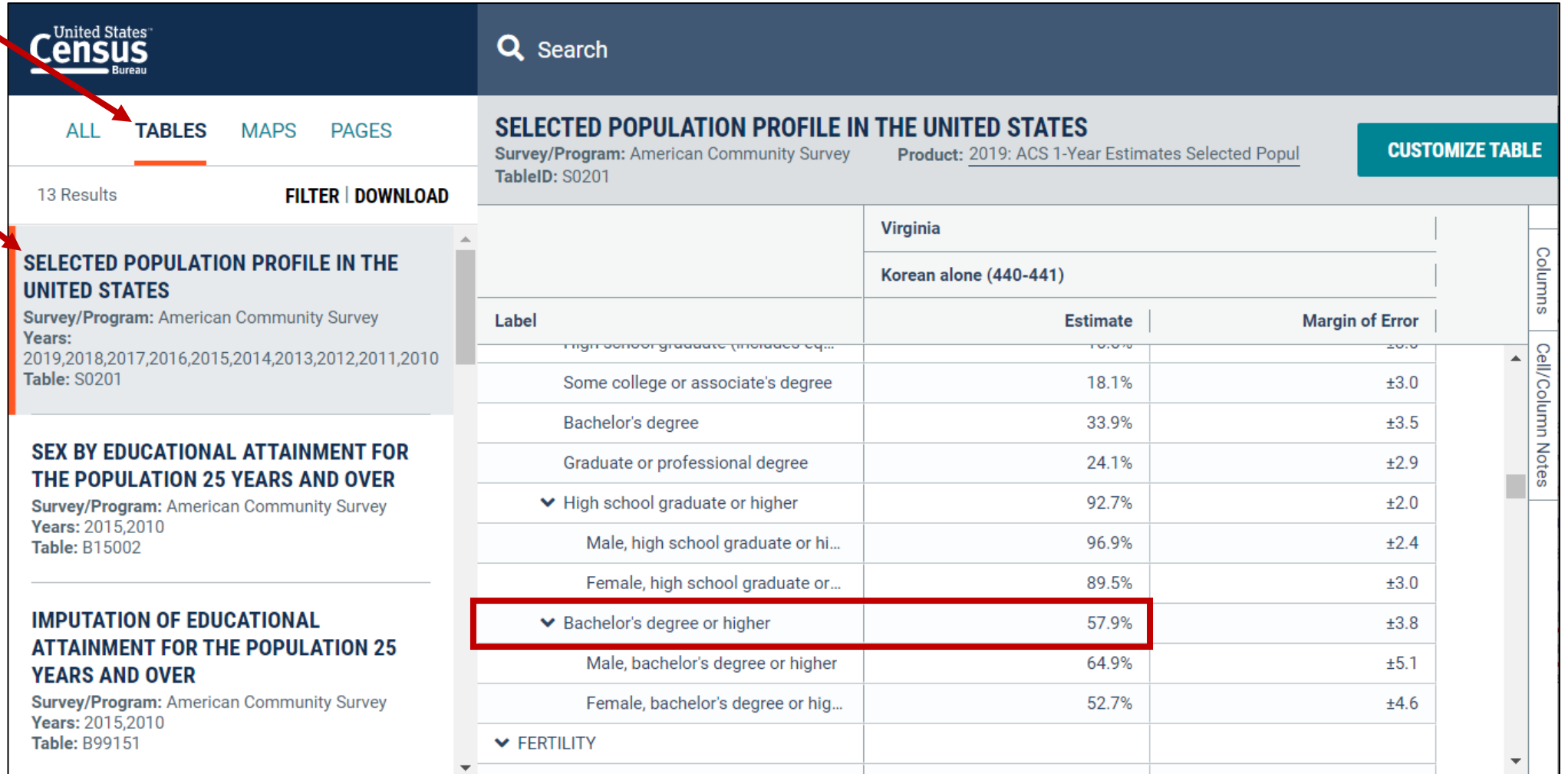
The screenshot shows the United States Census Bureau website interface. At the top left is the logo "United States Census Bureau". To its right is a search bar with a magnifying glass icon and the text "Search". Below the header is a "BROWSE FILTERS" sidebar on the left with categories: Topics, Geography (highlighted with an orange bar), Years, Surveys, and Codes. The main content area is divided into two columns. The left column is titled "GEOGRAPHY" and has a toggle for "Show Summary Levels". It lists various geographic levels: Nation, Region, Division, State (highlighted with an orange bar), County, Tract, Block Group, Block, Zip Code Tabulation Area (Five-Digit), and Elementary School District. The right column is titled "STATE" and has a toggle for "Show Geographic Components". It lists states with checkboxes: South Dakota, Tennessee, Texas, Utah, Vermont, Virginia (checked with a blue checkmark), Washington, West Virginia, and Wisconsin. At the bottom of the page, there is a "Selected Filters:" section with three filter tags: "023 - Korean alone (440-441) Topic", "Educational Attainment Topic", and "Virginia Geography". To the right of these tags are buttons for "CLEAR", "SEARCH", and "SHOW".

- Select Geography

Geography → State
→ **Virginia**
- Verify filters and click **Search** in the lower right

Exercise 5b: View Results

- Click **Tables** in the upper left
- Select **S0201 Selected Population Profile**
- Scroll to the educational attainment section to see 57.9% of the Korean alone population has a bachelor's degree or higher



The screenshot shows the United States Census Bureau website interface. At the top left, the 'United States Census Bureau' logo is visible. A search bar is located at the top right. Below the logo, there are navigation tabs for 'ALL', 'TABLES', 'MAPS', and 'PAGES'. The 'TABLES' tab is selected. The main content area displays 'SELECTED POPULATION PROFILE IN THE UNITED STATES' for Virginia, Korean alone (440-441). The table includes columns for 'Label', 'Estimate', and 'Margin of Error'. The row for 'Bachelor's degree or higher' is highlighted with a red box, showing an estimate of 57.9% with a margin of error of ±3.8. Other rows include 'Some college or associate's degree' (18.1%), 'Bachelor's degree' (33.9%), 'Graduate or professional degree' (24.1%), and 'High school graduate or higher' (92.7%).

Label	Estimate	Margin of Error
Some college or associate's degree	18.1%	±3.0
Bachelor's degree	33.9%	±3.5
Graduate or professional degree	24.1%	±2.9
High school graduate or higher	92.7%	±2.0
Male, high school graduate or higher	96.9%	±2.4
Female, high school graduate or higher	89.5%	±3.0
Bachelor's degree or higher	57.9%	±3.8
Male, bachelor's degree or higher	64.9%	±5.1
Female, bachelor's degree or higher	52.7%	±4.6

Outline

- data.census.gov Overview
- Live Demo and Hands-On Exercises
 - Single Search
 - Advanced Search
 - Address Lookup, Table Customization, Mapping
 - Download, Export, Print
 - Race/Ethnicity Searches
- **Answers to Common Questions**
- Latest Updates
- Q&A

What Data Are Available?

General Data Availability:

- American Community Survey (ACS): 2010-2019
- Decennial Census: 2000 & 2010
- Econ Census and Selected Surveys: 2012-present

	2000	2010	2011	2012	2013	2014	2015	2016	2017	2018
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							✓	✓	✓	✓

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

Other Popular Datasets and How To Access Them:

- **Population Estimates Program:**
[Program page](#) and [application programming interface \(API\)](#)
- **Pre-2000 Decennial Census:**
[Webpage](#), [FTP site](#), and library@census.gov
- **Pre-2010 American Community Survey:**
[API](#) and [FTP site](#)
- **Equal Opportunity Employment (EEO) tabulation:**
[EEO Beta Table Tool](#) and [FTP site](#)
- **Econ Census and Selected Surveys (Before 2012):**
[FTP site](#) and program pages

How Do I Select My Survey?

Large surveys and programs have many options in the Surveys filter

BROWSE FILTERS	SURVEYS
Topics	<input type="checkbox"/> DEC State Legislative District Demographic Profile (100-Percent)
Geography	<input type="checkbox"/> DEC State Legislative District Demographic Profile (Sample)
Years	<input checked="" type="checkbox"/> DEC Summary File 1
Surveys	<input type="checkbox"/> DEC Summary File 2
Codes	<input type="checkbox"/> DEC Summary File 2 Demographic Profile
	<input type="checkbox"/> DEC Summary File 3
	<input type="checkbox"/> DEC Summary File 3 Demographic Profile
	<input type="checkbox"/> DEC Summary File 4
	<input type="checkbox"/> DEC Summary File 4 Demographic Profile

Popular types of tables:

Decennial Census:

- DEC Summary File 1

American Community Survey (ACS):

- ACS 5-Year Data Profiles
- ACS 1-Year Data Profiles

Economic Census:

- ECN Economic Census of the United States Economic Census US Basic Data

How Can I Get Population Density?

Population density data tables were not able to be migrated to data.census.gov, but you can calculate population density with this equation and resources:

$$\text{Population Density} = \frac{\text{Total Population}}{\text{Land Area}}$$

1. Get total population data through tables on data.census.gov

- Decennial Census: **P1** or **P001**
- American Community Survey: **B01003**
- Population Estimates Program: **PEPANRES**

2. Get land area through Gazetteer Files

<https://www.census.gov/geographies/reference-files/time-series/geo/gazetteer-files.html>

- Download the file for your geography type
- **ALAND** is area for land in square meters; **ALAND_sqmi** is land area in square miles

Why Are My Geographies and Downloads Not in Order?

Data and downloads come from the API, and may not be ordered as you would expect.

All the data are included, and you can manually sort it after downloading the data. Improved sorting has been applied to 2019 data and we are working to apply it to previous vintages.

Q c27003 all states

PUBLIC HEALTH INSURANCE STATUS BY SEX BY AGE
 Survey/Program: American Community Survey Product: 2018: ACS 1-Year Estimates Detailed Tables
 TableID: C27003 Universe: Civilian noninstitutionalized population

	Colorado		Indiana	
	Estimate	Margin of Error	Estimate	Margin of Error
▼ Total:	5,604,105	+/-2,082	6,592,504	+/-1,08
▼ Male:	2,794,853	+/-5,393	3,231,118	+/-5,70
▼ Under 19 years:	689,479	+/-4,825	850,327	+/-5,40
With public coverage	236,318	+/-9,649	296,863	+/-9,54
No public coverage	453,161	+/-9,918	553,464	+/-10,23

	A	B	C	D	E	F	G
1	GEO_ID	NAME	C27003_017E	C27003_01	C27003_01	C27003_01	C27003
2	id	Geographic Area Name	Estimate!!Total!!Female!!19 to 64 years!!With public coverage	Margin of	Estimate!	Margin of	Estima
3	0400000US08	Colorado		313630	9162	1410969	10235
4	0400000US18	Indiana		364293	10490	1620827	10414
5	0400000US21	Kentucky		395632	8287	937467	9418
6	0400000US22	Louisiana		423951	10577	981073	11958
7	0400000US17	Illinois		736187	13011	3119920	14528
8	0400000US19	Iowa		173140	5829	735664	6046
9	0400000US33	New Hampshire		64970	3813	348147	4530
10	0400000US05	Arkansas		240791	6610	641348	7399
11	0400000US10	Delaware		68415	4509	223132	4576
12	0400000US27	Minnesota		306714	7276	1348857	7294

ACSDT1Y2018.C27003_data_with_ov

Columns may be out of order in downloaded data

Example: C27003 begins with the 17th row instead of the 1st

Geographies may not appear in alphabetical order

Example: Search for all states starts with Colorado

Why Does My Table Not Show All of My Selected Geographies? Why Am I Unable to Select My Geography?

It is often due to using ACS 1-year estimates instead of ACS 5-year estimates. ACS 1-year has min population requirement of 65,000 people.

Click the product drop down menu and choose ACS 5-year estimates to get data for your geographies.

The screenshot shows the Census Bureau data tool interface. The search bar contains 'b27001 all counties in indiana'. The 'Product' dropdown menu is open, showing options for '2019: ACS 1-Year Estimates Detailed Tables' and '2019: ACS 5-Year Estimates Detailed Tables'. The '2019: ACS 5-Year Estimates Detailed Tables' option is highlighted with a red box. The main table displays data for 'Allen County, Indiana' with columns for 'Label', 'Estimate', and 'Margin of Error'.

Label	Estimate	Margin of Error
▼ Total:	375,582	±1,024
▼ Male:	183,067	±1,103
▼ Under 6 years:	16,157	±793
With health insurance coverage	15,562	±886
No health insurance coverage	595	±357

How Do I Access Data for Collections of ZCTAs in Bulk?

Easy-to-use filters allow you to select all ZCTAs for the most recent data releases

2019 ACS

The screenshot shows the '2019 ACS' data selection interface. On the left, the 'BROWSE FILTERS' menu has 'Geography' selected. The 'GEOGRAPHY' section includes a 'Show Summary Levels' toggle and a list of geographic levels: Nation, Region, Division, State, County, Tract, Block Group, Block, Zip Code Tabulation Area (Five-Digit), Elementary School District, Secondary School District, and Unified School District. The 'WITHIN (STATE)' section has a search icon and a list of states with 'Alabama' selected. The 'ALABAMA' section has a search icon and a list of ZCTAs with 'All ZCTA within Alabama' checked.

2010 & 2000 Census

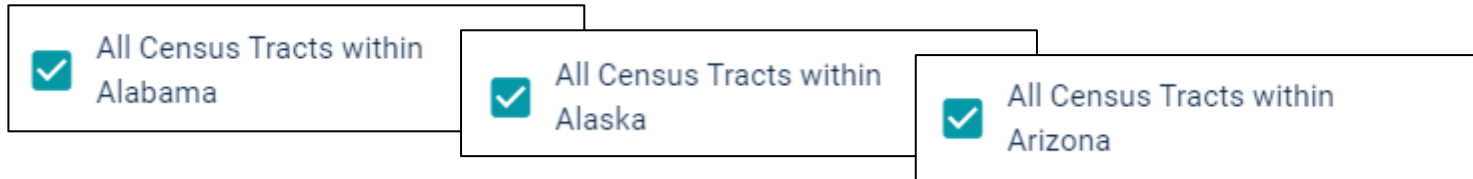
The screenshot shows the '2010 & 2000 Census' data selection interface. On the left, the 'BROWSE FILTERS' menu has 'Geography' selected. The 'GEOGRAPHY' section includes a 'Show Summary Levels' toggle and a list of geographic levels: 851 - ZCTA3 within State, 852 - State-ZCTA3-County (or part), 860 - 5-Digit ZCTA, 861 - 5-Digit ZIP Code, 870 - State within Zip Code Tabulation Area (Five-Digit), 871 - 5-Digit ZCTA (or part) within State, 880 - ZCTA-State-County, 881 - State-5-Digit ZCTA (or part) within State-County, 902 - EEO, and 904 - Commercial Region(Planning Region). The '871 - 5-Digit ZCTA (OR PART) ...' section has a search icon and a list of states with 'Alabama' selected. The 'ALABAMA' section has a search icon and a list of ZCTAs with 'All 5-Digit ZIP Code Tabulation Areas fully/partially within Alabama' checked.

Learn more:

- ACS: See [FAQ KCP-6030](#) to learn how to get ZCTA data earlier vintages of ACS 5-year datasets (2011-2018)
- 2010 & 2000 Census: See [FAQ KCP-6031](#) to learn how to get for all ZCTAs in U.S. for decennial census

How Do I Select All Census Tracts in the U.S.?

- Visit this link which has selections for all tracts in each state, DC, and Puerto Rico

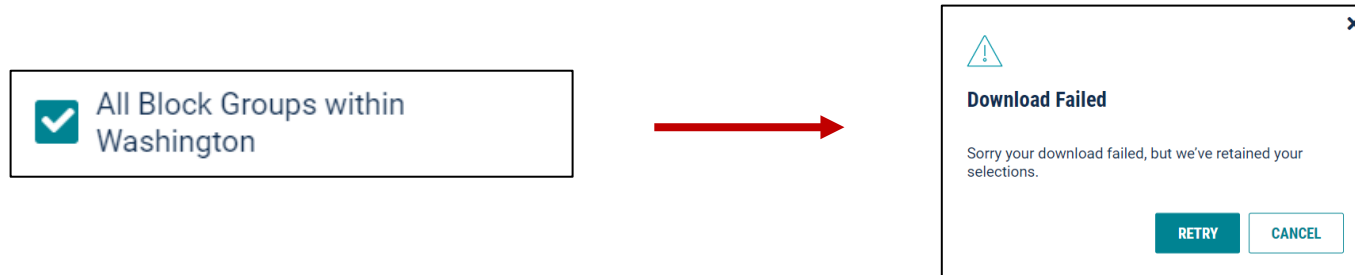


<https://data.census.gov/cedsci/advanced?g=0400000US01.140000,02.140000,04.140000,05.140000,06.140000,08.140000,09.140000,10.140000,11.140000,12.140000,13.140000,15.140000,16.140000,17.140000,18.140000,19.140000,20.140000,21.140000,22.140000,23.140000,24.140000,25.140000,26.140000,27.140000,28.140000,29.140000,30.140000,31.140000,32.140000,33.140000,34.140000,35.140000,36.140000,37.140000,38.140000,39.140000,40.140000,41.140000,42.140000,44.140000,45.140000,46.140000,47.140000,48.140000,49.140000,50.140000,51.140000,53.140000,54.140000,55.140000,56.140000,72.140000>

- Add other search criteria
- Download your table(s)

How Do I Select All Block Groups in My State?

Check boxes for “All Block Groups in a state” work for recent vintages of the ACS and decennial census. They have not been made compatible with 2016 and earlier vintages of ACS and will result in Download Failed error messages.



Use the county-level collections instead (example: All block groups in each of Washington’s 39 counties)



Visit [FAQ KCP-6017](#) for quick links that provide selections for all block groups in a state that work with ACS tables.

ask.census.gov/prweb/PRServletCustom?pyActivity=pyMobileSnapStart&ArticleID=KCP-6017

How Do I Know Which Geographies Are Available?

To find geographies compatible with your survey or program:

- Select your survey first
- Click geographies and turn on the Show Summary Levels Toggle
- Geographies that are compatible are clickable. All other geography levels are grayed out.

SURVEYS

- Indian and Alaska Native Data Profiles
- ACS 5-Year Estimates American Indian and Alaska Native Detailed Tables
- ACS 5-Year Estimates Comparison Profiles
- ACS 5-Year Estimates Data Profiles
- ACS 5-Year Estimates Detailed Tables
- ACS 5-Year Estimates Selected Population Data Profiles
- ACS 5-Year Estimates Selected Population Detailed Tables
- ACS 5-Year Estimates Subject Tables



BROWSE FILTERS

- Topics
- Geography**
- Years
- Surveys
- Codes

GEOGRAPHY

Show Summary Levels

- 259 - American Indian Area/Alaska Native Area/Hawaiian Home Land-Tribal Subdivision/Remainder-Tribal Census Tract (or part) within Tribal Subdivision/Remainder within AIA
- 260 - American Indian Area/Alaska Native Area/Hawaiian Home Land-State
- 261 - State-American Indian Area/Alaska Native Area/Hawaiian Home Land-County (or part)-County Subdivision (or part)
- 262 - American Indian Area/Alaska Native Area/Hawaiian Home Land-American Indian Area/Alaska Native Area (Reservation or Statistical Entity Only)-State (or part)
- 263 - State American Indian

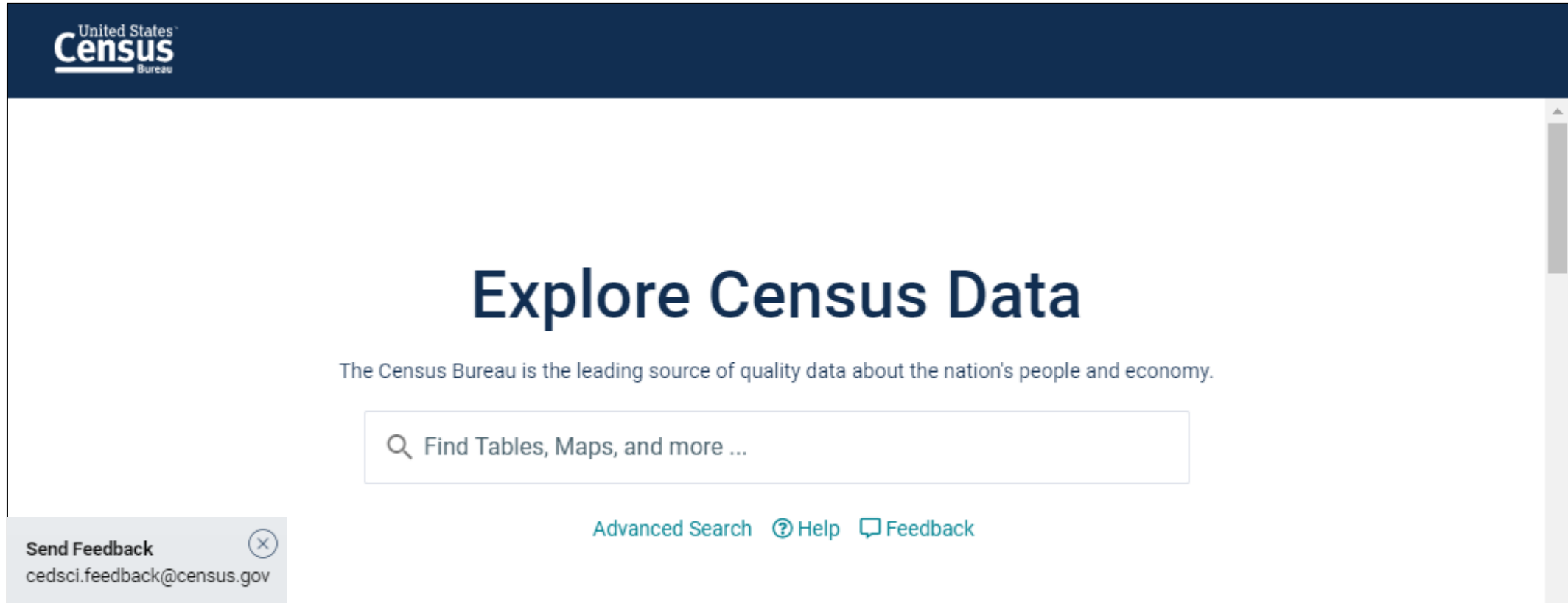
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- **Latest Updates**
- Q&A

Updates Since Last Year's Training - Highlights

- More options to select collections of geographies:
 - ZCTA/ZIP Code by state
 - All block groups in a state
- Integration of your filter selections into the single search bar
- New buttons to print and export table without using keyboard shortcuts
- New export format
- Options to select collections of population groups in a single click
- Numerous performance improvements and defect resolution
- Look and feel updates
- New search to power the “Pages” section of data.census.gov

Our Development Depends on YOUR Feedback



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

Stay Connected

data.census.gov Resources page:

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

Census Academy:

census.gov/data/academy/webinars/upcoming.html

Feedback: Email comments to

cedsci.feedback@census.gov

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The collage displays five screenshots of the data.census.gov website. The top screenshot shows the 'What is data.census.gov?' page, featuring a navigation menu with options like 'BROWSE BY TOPIC', 'EXPLORE DATA', 'LIBRARY', 'SURVEYS/ PROGRAMS', 'INFORMATION FOR...', 'FIND A CODE', and 'ABOUT US'. The main heading is 'data.census.gov Resources' with the tagline: 'The vision for data.census.gov is to improve the customer experience by making data available from one centralized place so that data users spend less time searching for data and content, and more time using it.' Below this are icons for a data table and a gear with a smartphone. The middle-left screenshot shows the 'Webinars' page, highlighting a webinar titled 'New Updates to data.census.gov - December 2019'. The middle-right screenshot shows the 'Release Notes' page, stating: 'The purpose of this page is to summarize functionality included in the release of the Census Bureau's developing data dissemination platform at data.census.gov.' The bottom-left screenshot shows the 'News and Updates' page, listing recent news items such as '2010 American Community Survey 5-Year Selected Population Tables' and '2017 Economic Census US Basic Data (additional states/sectors)'. The bottom-right screenshot shows the 'Document and Defects' page, providing information on how to report document issues or defects.