

Accessing and Using the New Census Data Portal: data.census.gov

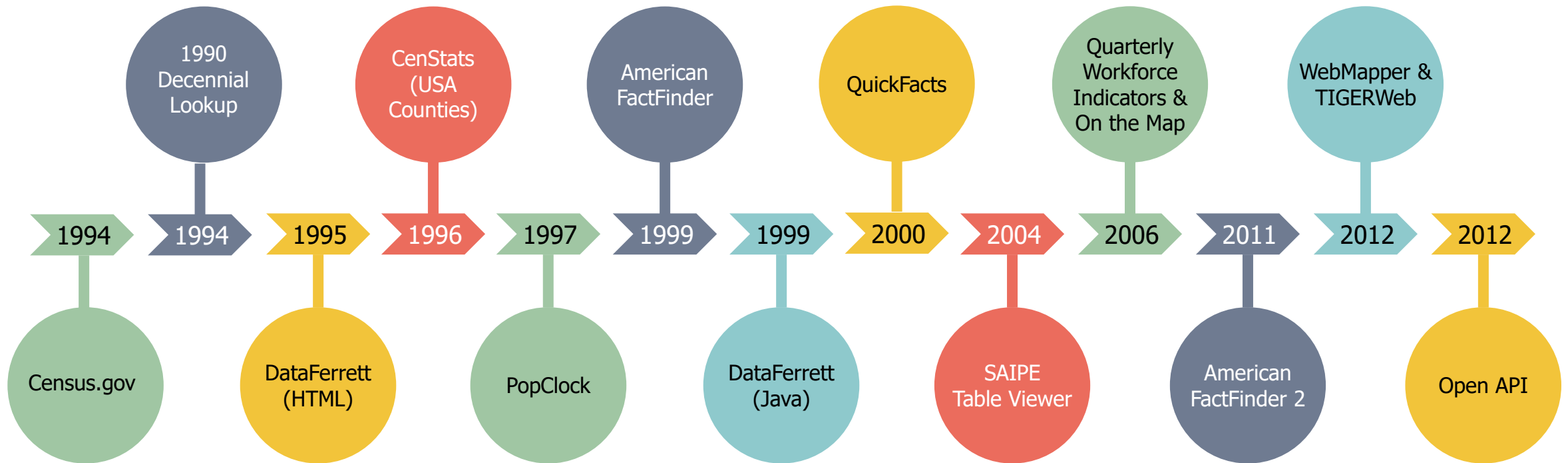
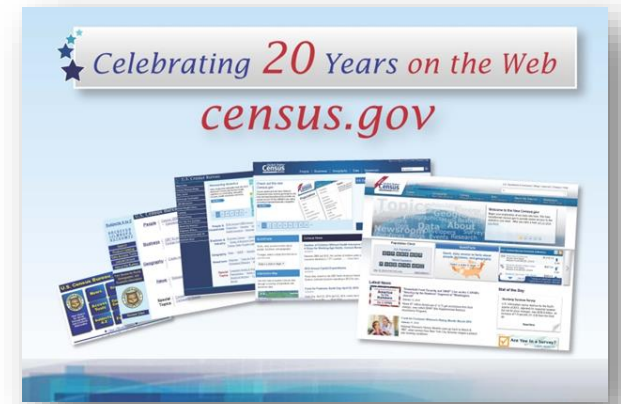
Metropolitan Washington Council of Governments
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Center for Enterprise Dissemination (CED)
U.S. Census Bureau

Outline

- Vision in Brief
- Live Demo
- Overcoming Roadblocks
- Hands on Exercises

Census Bureau Online History



data.census.gov: Changing the way you get data at the U.S. Census Bureau

Transitioning from American FactFinder (AFF) to data.census.gov:

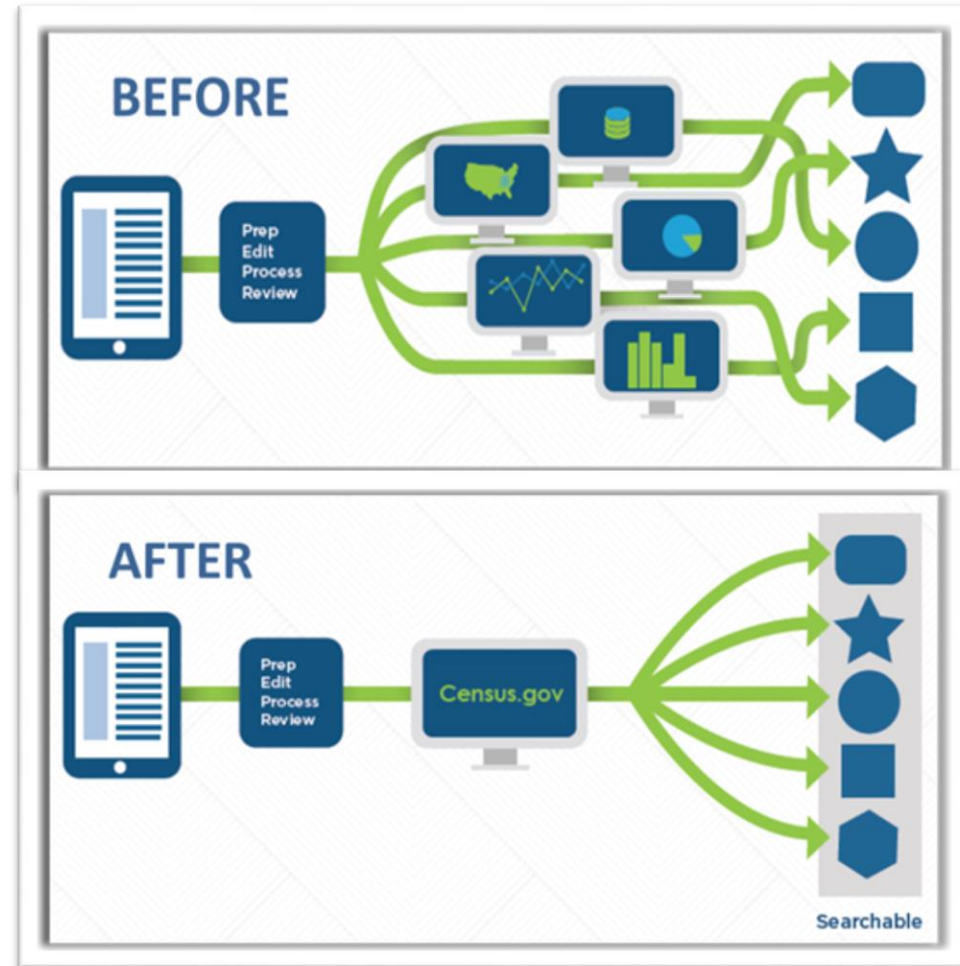
- Streamline access to data
- Maintain best of current tools
- Reduce redundancies and costs
- Provide greater access to Census API

Most AFF data migrated to the Census API and data.census.gov:

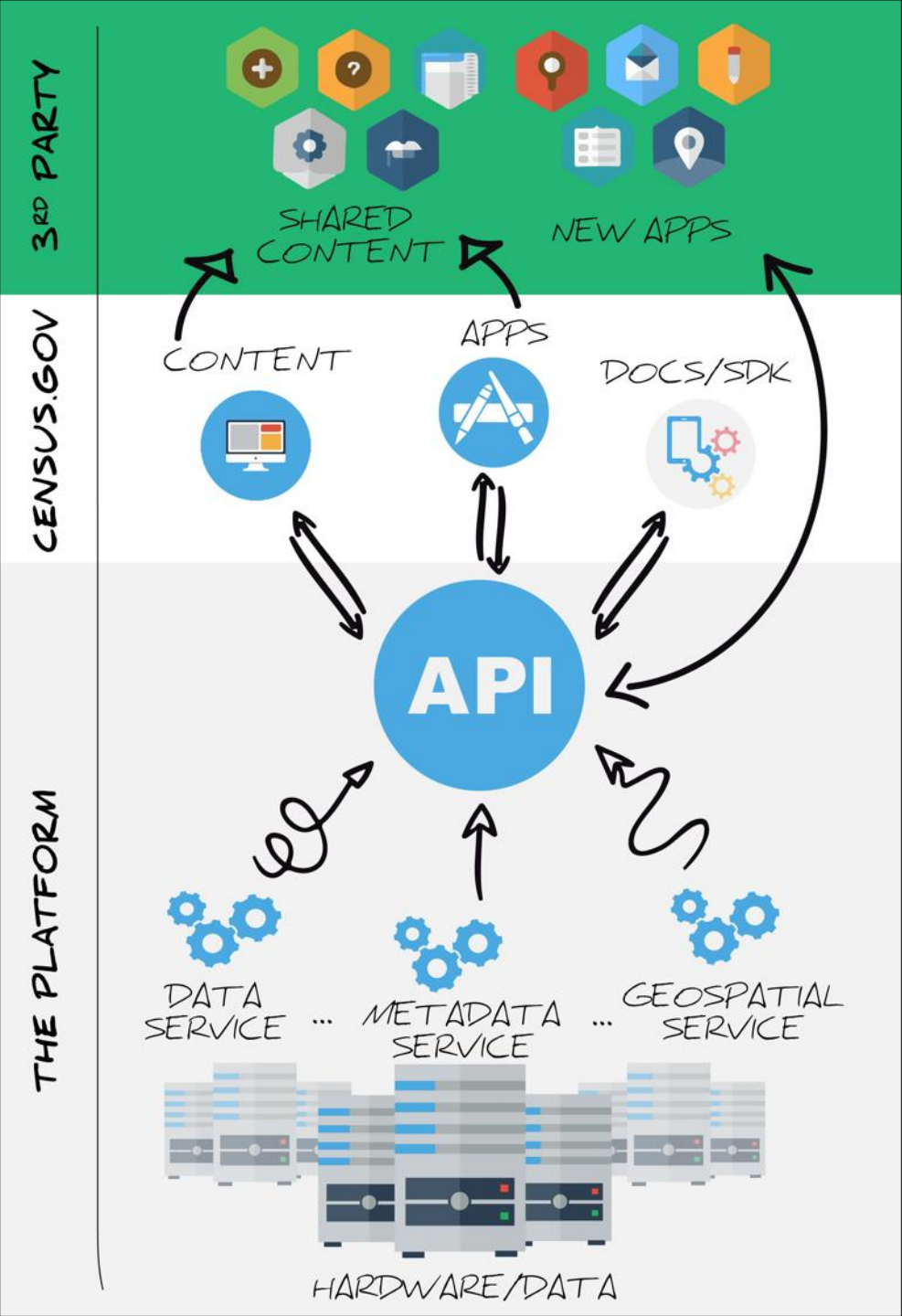
- Spring 2020

First major releases exclusively on data.census.gov this September:

- 2017 Economic Census
- 2018 American Community Survey 1-Year Estimates



The New Dissemination Platform: How It All Works



Data in the New Platform: American Community Survey

Data Product	2010	2011	2012	2013	2014	2015	2016	2017	2018
American Community Survey	✓	✓	✓	✓	✓	✓	✓	✓	✓
Decennial Census (Summary File 1, Summary File 2, 113 th & 115 th Congress Detailed Tables)	✓	-	-	-	-	-	-	-	-
Economic Census	-	-	✓	-	-	-	-	✓	-
County and Zip Code Business Patterns	-	-	✓	✓	✓	✓	✓	✓	
Non-Employer Statistics	-	-	✓	✓	✓	✓	✓	✓	
Survey of Business Owners (Company Summary & Characteristics of Business Owners)	-	-	✓	-	-	-	-	-	-

✓: Available now

Blank cell: Coming soon

Live Demo

Overcoming Roadblocks: Functionality that is Not Available

Collections of Geographies:

We recently released more check boxes that allow you to select collections of geographies in a single click:

All congressional districts (116th Congress) within:

- Nation
- State

All census tracts within:

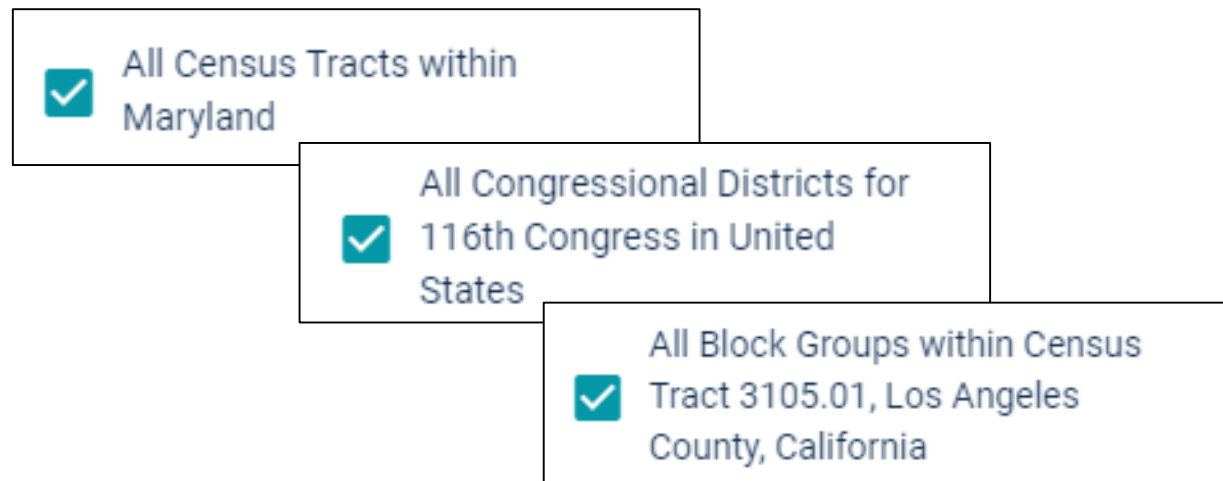
- State
- County

All block groups within:

- County
- Census tract

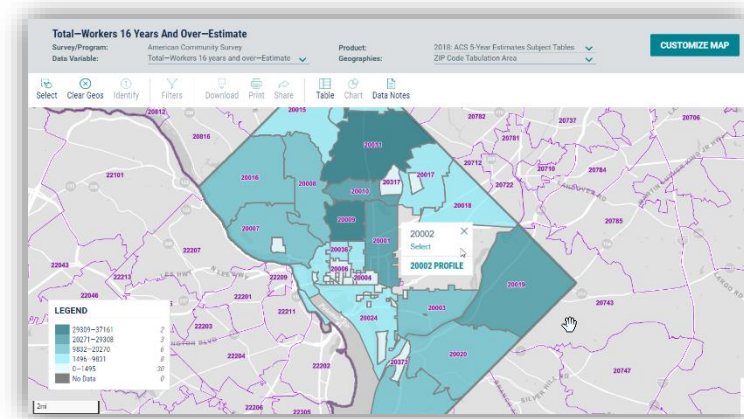
All combined statistical areas (CSAs) in the United States

All school districts within state



We are working to add more based on user feedback. In the meantime:

- Use maps on data.census.gov to select small groupings of geographies
- Use FTP site or the API



Print Functionality and PDF Downloads

We hope to be able to build additional functionality on data.census.gov in the future. In the meantime:

Try right click options to get a table view in Excel

- Copy cells
- Copy cells with header
- Export entire table: Small tables less than 400 rows by 400 columns

Print from Excel or convert to PDF

Right click – To View or Print Data

Download – To Use the Data

(flat file .csv format)

	Utah	
	Estimate	Margin of Error
Median earnings in the past 12 months --		
Total:	33,402	+/-750
Car, truck, or van - drove alone	35,701	+/-450
Car, truck, or van - carpooled	27,308	+/-2,158
Public transportation (excluding taxicab)	26,231	+/-2,181
Walked	17,302	+/-2,814
Taxicab, motorcycle, bicycle, or other means	27,129	+/-2,941
Worked at home	35,385	+/-3,290

	A	B	C
1		Utah	
2		Estimate	Margin of Error
3	Median earnings in the past 12 months --		
4	Total:	33,402	+/-750
5	Car, truck, or van - drove alone	35,701	+/-450
6	Car, truck, or van - carpooled	27,308	+/-2,158
7	Public transportation (excluding taxicab)	26,231	+/-2,181
8	Walked	17,302	+/-2,814
9	Taxicab, motorcycle, bicycle, or other means	27,129	+/-2,941
10	Worked at home	35,385	+/-3,290

Address Lookup

To find the census tract or other geographic areas associated with a particular address:

- Use the [Census Geocoder](#) and reference [FAQ KCP-5495](#) →
- Use the Address Tab in the Geographies section of American FactFinder's Advanced Search

▼ Find Address Results

Street :

City :

State :

Zip :

Benchmark :

Vintage :

Input:
Street: 1600 Pennsylvania Ave City: Washington State: DC Zip: 20500
Benchmark: Public_AR_Current (4)
Vintage: Current_Current (4)

Matched Address: 1600 PENNSYLVANIA AVE NW, WASHINGTON, DC 20500

FAQ: How to Use the Census Geocoder:

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

Shapefile Downloads

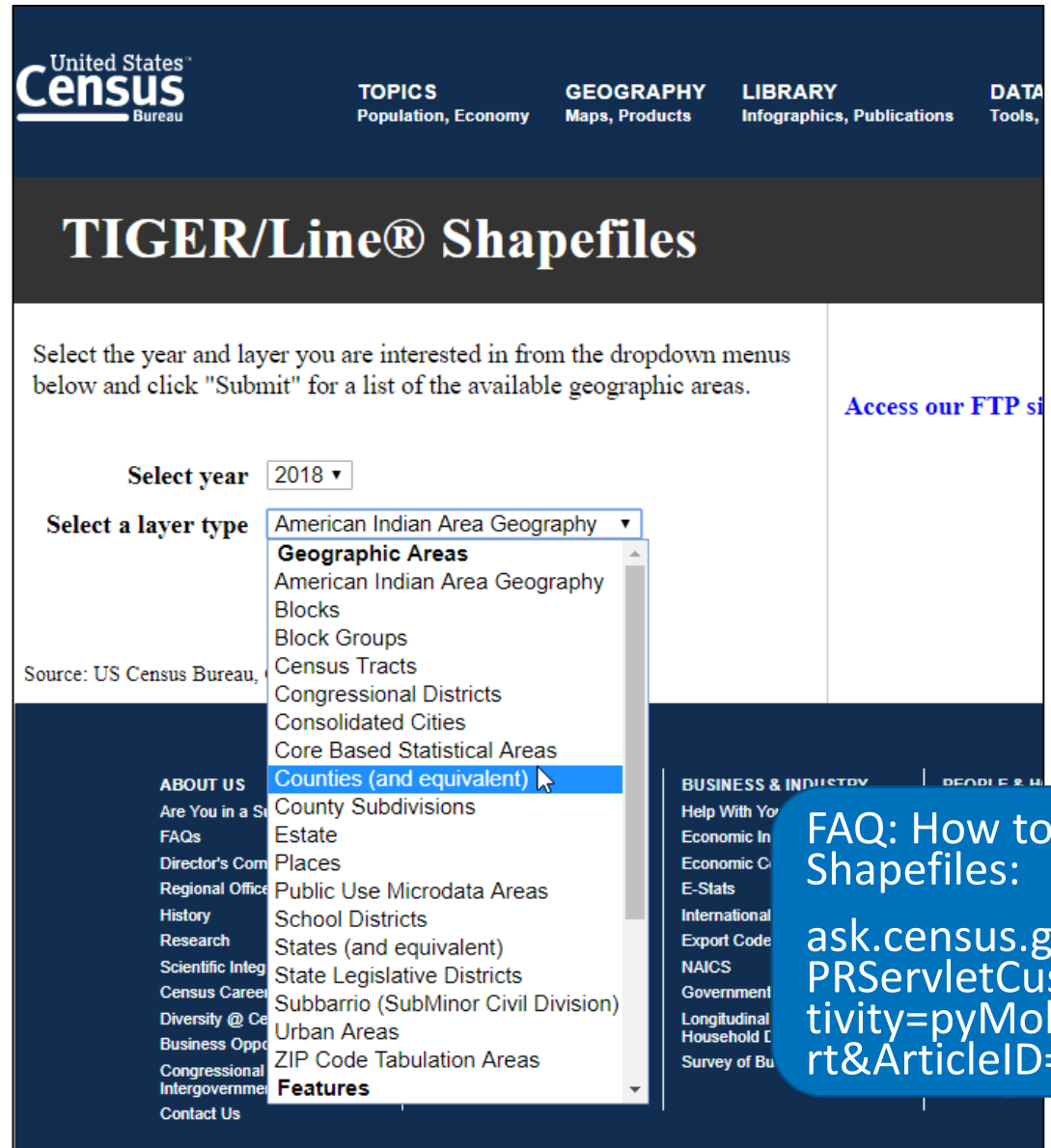
Multiple Options to Download Shapefiles:

Geography Resources

1. Shapefiles for common types of geographic areas: Use the [TIGER/Line Shapefiles web interface](#) and reference FAQ [KCP-5491](#)
2. Shapefiles for all geographic areas: Use the [FTP site](#) and see the [educational brochure on Downloading TIGER/Line Shapefiles](#)

American FactFinder

- Use map download options to get Shapefiles from 2018 and prior years



The screenshot shows the 'TIGER/Line® Shapefiles' page on the United States Census Bureau website. The page has a dark blue header with the 'United States Census Bureau' logo and navigation links for 'TOPICS', 'GEOGRAPHY', 'LIBRARY', and 'DATA'. The main content area is white with a dark blue banner at the top that reads 'TIGER/Line® Shapefiles'. Below the banner, there is a text box that says 'Select the year and layer you are interested in from the dropdown menus below and click "Submit" for a list of the available geographic areas.' To the right of this text is a link that says 'Access our FTP site'. Below the text, there are two dropdown menus. The first is labeled 'Select year' and is set to '2018'. The second is labeled 'Select a layer type' and is open, showing a list of options. The options include 'American Indian Area Geography', 'Geographic Areas', 'American Indian Area Geography', 'Blocks', 'Block Groups', 'Census Tracts', 'Congressional Districts', 'Consolidated Cities', 'Core Based Statistical Areas', 'Counties (and equivalent)', 'County Subdivisions', 'Estate', 'Places', 'Public Use Microdata Areas', 'School Districts', 'States (and equivalent)', 'State Legislative Districts', 'Subbarrio (SubMinor Civil Division)', 'Urban Areas', and 'ZIP Code Tabulation Areas'. The 'Counties (and equivalent)' option is highlighted in blue. At the bottom of the page, there is a footer with links for 'ABOUT US', 'BUSINESS & INDUSTRY', and 'PEOPLE & HOUSEHOLDS'.

FAQ: How to Download Shapefiles:

ask.census.gov/prweb/PRServletCustom?pyActivity=pyMobileSnapStart&ArticleID=KCP-5491

Overcoming Roadblocks: Functionality that is Different

Geographic Comparison Tables and Ranking Tables

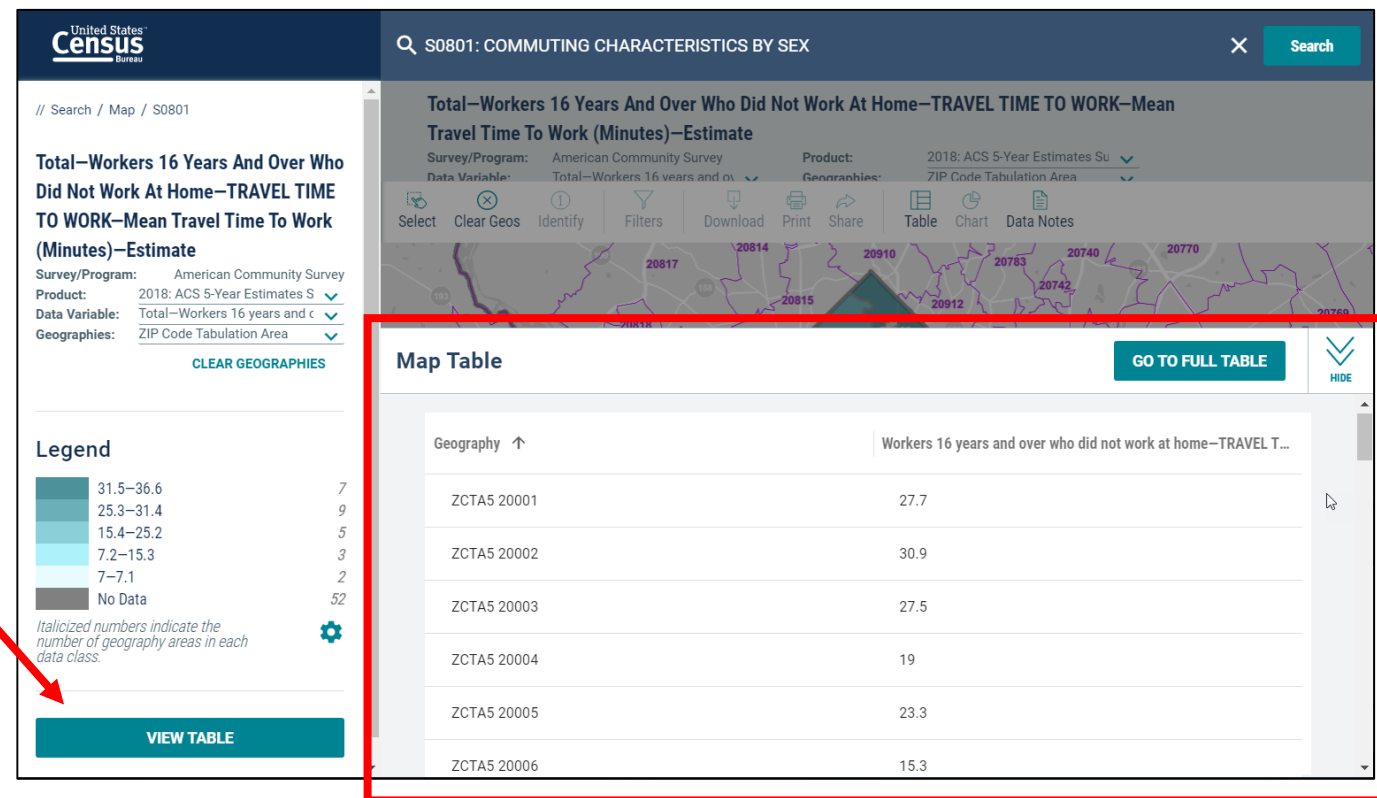
Geographic Comparison Table:

data.census.gov offers more flexibility to create a view similar to a Geographic Comparison Table for any estimate and set of geographies

- Map the estimate you are interested in and select “View Table” in the left panel of the “Customize Map” view

Ranking Table:

- Download ACS Ranking Tables from the FTP site (new for 2018 ACS 1-year release)
[census.gov/acs/www/data/data-tables-and-tools/ranking-tables/](https://www.census.gov/acs/www/data/data-tables-and-tools/ranking-tables/)



Topics Hierarchy

Topics Hierarchy has changed: Familiarize yourself with new topics layout.

The screenshot displays the U.S. Census Bureau Topics Hierarchy interface. It features a multi-level navigation menu with the following structure:

- FILTERS** (left sidebar)
- TOPICS** (main navigation area)
 - « RACE AND ETHNICITY**
 - races alone
 - 02 - All available basic races alone or in combination
 - 03 - All available basic race combinations
 - American Indian and Alaska Native** (highlighted)
 - Asian
 - Black or African American
 - Hispanic or Latino
 - Native Hawaiian and...
 - « AMERICAN INDIAN AND ...**
 - Alaska Native
 - 006 - American Indian and Alaska Native alone (300, A01-Z99)
 - 01A - American Indian and Alaska Native alone (300,A01-R99)
 - 50A - American Indian and Alaska Native alone (300,A01-R99) or in any combination
 - Alaska Native
 - American Indian** (highlighted)
 - « AMERICAN INDIAN**
 - Mono
 - Nanticoke
 - Nanticoke Lenni-Lenape
 - Narragansett
 - Navajo** (highlighted)
 - Nez Perce
 - Nipmuc
 - Nor...
 - Nor...
 - Om...
 - Op...
 - « NAVAJO**
 - Navajo
 - 4R - All available Nav tribes
 - 10U - Navajo alone (F F70)
 - 244 - Navajo Nation tr grouping alone (F62-F
 - 245 - Navajo Nation tr

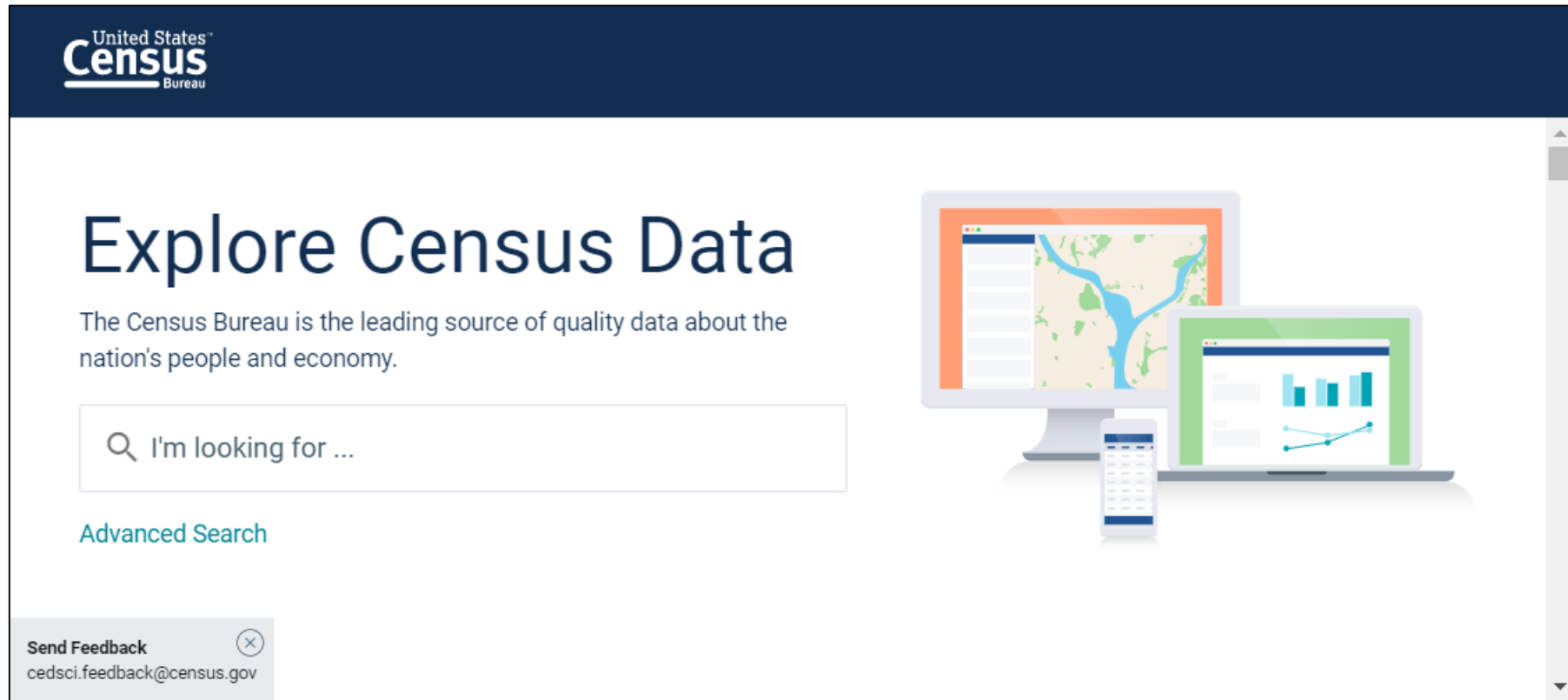
Below the main navigation, there are three sub-menus:

- « TOPICS**
 - Business and Economy
 - Education
 - Employment
 - Families and Living Arrangements
 - Government
 - Health
 - Housing
 - Income and Poverty
 - Populations and People** (highlighted)
 - Race and Ethnicity
- « POPULATIONS AND PEO...**
 - Populations and People
 - Age and Sex
 - Ancestry
 - Computer and Internet Use
 - Counts, Estimates, and Projections
 - Language Spoken at Home
 - Native and Foreign Born** (highlighted)
 - Older Population
 - Population Change and Components
- « NATIVE AND FOREIGN BO...**
 - Native and Foreign Born
 - Citizenship
 - Foreign Born** (highlighted)
 - Native Born
 - Place of Birth

At the bottom left, the U.S. Census Bureau logo and contact information are displayed:

United States Census Bureau
U.S. Department of Commerce
Economics and Statistics Administration
U.S. CENSUS BUREAU
census.gov

Our Development Depends on **YOUR** Feedback



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

Feedback

Email your comments to
cedsci.feedback@census.gov

Learn More and Share

What is data.census.gov?
<https://census.gov/data/what-is-data-census-gov.html>

Webinars:
census.gov/data/academy/webinars/2019/new-updates-data-census-site.html

Tutorials/Data Gems:
census.gov/data/academy/data-gems.html

Release Notes & FAQs:
data.census.gov/assets/release-notes/faqs-release-notes.pdf

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Learning Objectives

At the end of this training you will be able to:

- Access tables, maps, and profiles on data.census.gov
- Use multiple search methods and apply tips/tricks to find data quickly
- Clear, edit, and build upon your existing searches
- Customize your view and download data
- Create your own Geographic Comparison Table

Our Development Depends on **YOUR** Feedback

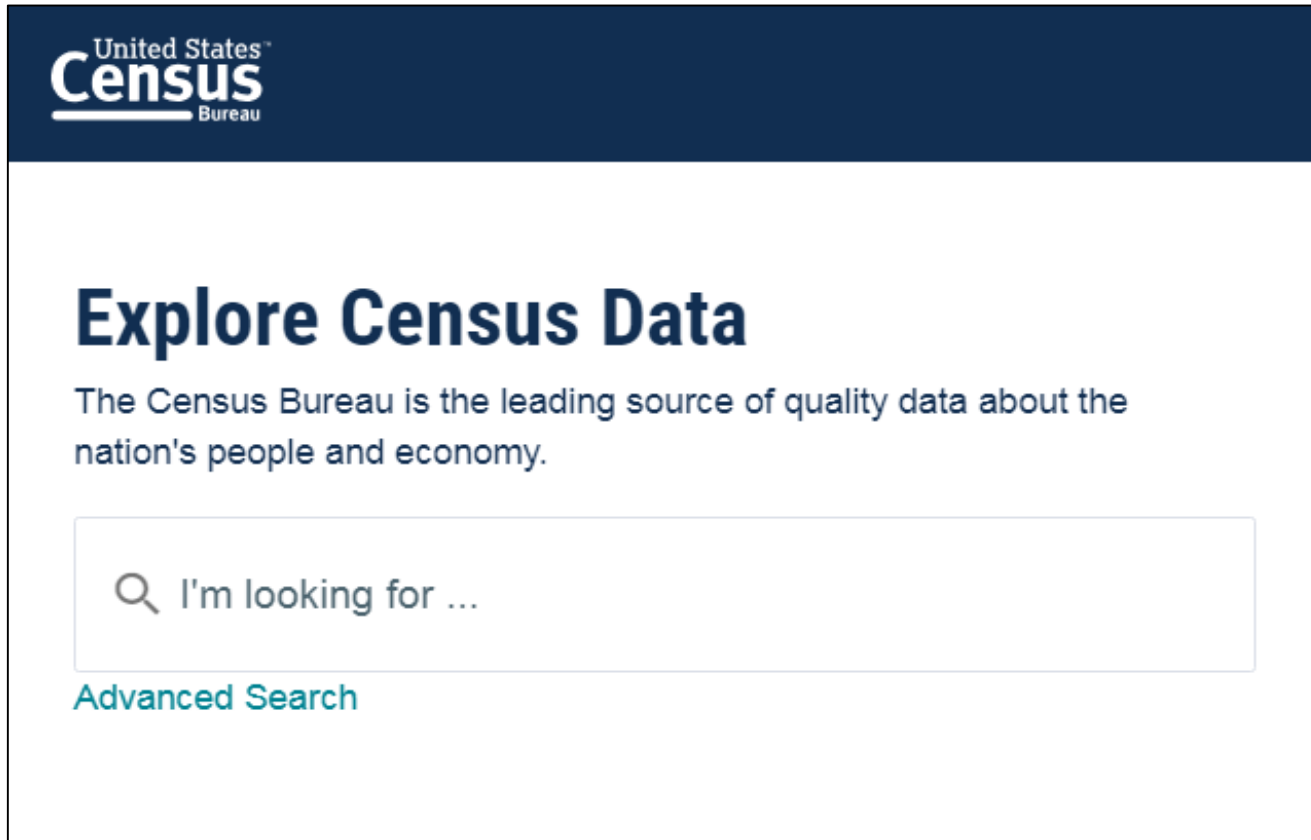


The screenshot shows the top of the United States Census Bureau website. At the top left is the logo "United States Census Bureau". Below it is the heading "Explore Census Data" followed by the text "The Census Bureau is the leading source of quality data about the nation's people and economy." There is a search bar with a magnifying glass icon and the placeholder text "I'm looking for ...". Below the search bar is a link for "Advanced Search". At the bottom of the screenshot is a grey button labeled "Send Feedback" with the email address "cesdsci.feedback@census.gov" below it.

To provide feedback:

- Email cesdsci.feedback@census.gov

Single Search - Quick Wins for All Users



The screenshot shows the top of the United States Census Bureau website. At the top left is the logo for the United States Census Bureau. Below the logo is the heading "Explore Census Data" in a large, bold, dark blue font. Underneath the heading is a paragraph of text: "The Census Bureau is the leading source of quality data about the nation's people and economy." Below this text is a search bar with a magnifying glass icon and the placeholder text "I'm looking for ...". Below the search bar is a link labeled "Advanced Search" in a teal color.

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 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 main content area displays search results, including a prominent result for '7.3% +/- 0.1% Veterans in United States' with a source of '2017 American Community Survey 1-Year Estimates'. Below this, there is a section for 'Tables' with a sub-section for 'VETERAN STATUS'.

Exercise 1: Simple Search

What are quick ways to find:

- Commuting in Virginia
- Table NS1700NONEMP
- All tables for NAICS 4231
- B19013 for all counties in Virginia
- B19001 for all counties in Virginia
- Visualizations for popular Census Bureau data for Arlington County (i.e. Geography Profile for Arlington County)

Exercise 1: Simple Search

What are quick ways to find:

- Commuting in Virginia: **28.7 mins average travel time to work**
- Table NS1700NONEMP
Type NS1700NONEMP 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
- B19001 for all counties in Virginia
Answer: Type B19001 and use the geography part of the URL from your last 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

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.

🔍 I'm looking for ...

[Advanced Search](#)

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

Exercise 2: Advanced Search

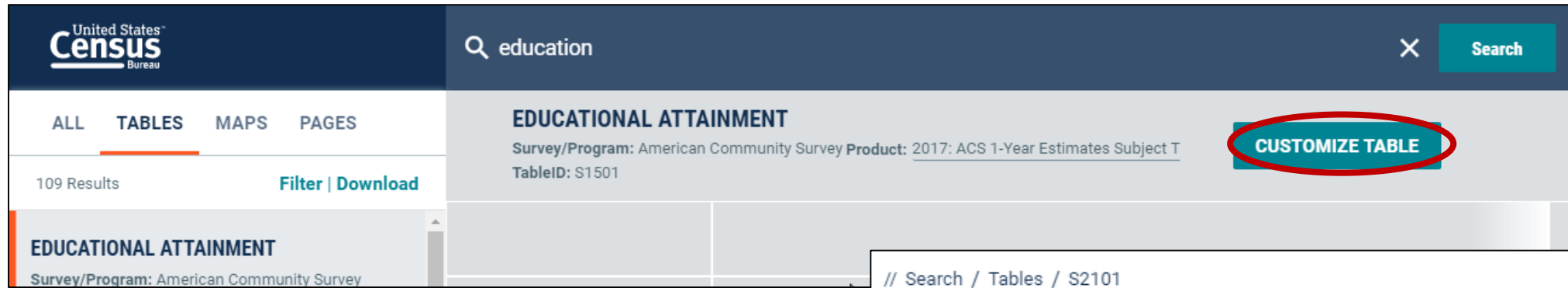
- What are the median earnings in 2018 for people living in:
 - Maryland
 - Rockville, Maryland
 - Montgomery County, Maryland
 - Washington D.C. Metro Area?
- Using data from the 2012 Economic Census, what are the number of real estate establishments (NAICS Code 531) for these counties in Maryland –
 - Prince Georges County
 - Anne Arundel County
 - Charles County

Exercise 2: Advanced Search

- What are the median earnings in 2018 for people living in:
 - Maryland: **\$43,052**
 - Rockville, Maryland: **\$55,662**
 - Montgomery County, Maryland: **\$49,025**
 - Washington D.C. Metro Area: **\$50,783**
- Using data from the 2012 Economic Census, what are the number of real estate establishments (NAICS Code 531) for these counties in Maryland –
 - Prince Georges County: **484**
 - Anne Arundel County: **471**
 - Charles County: **88**

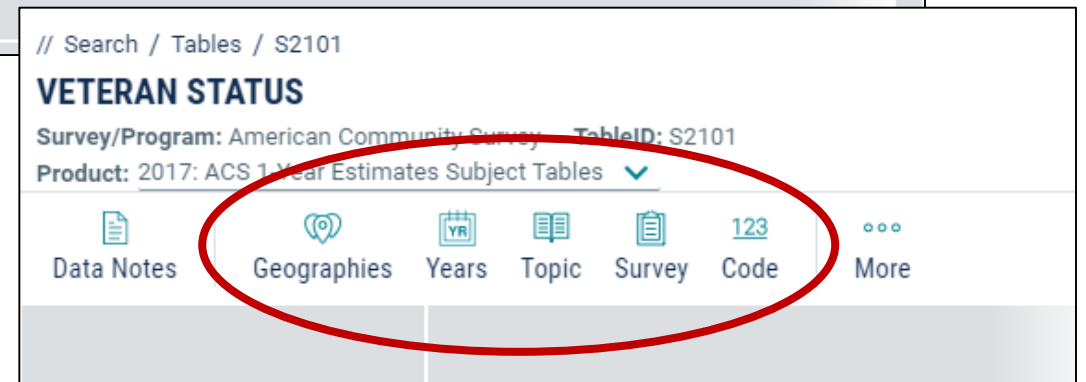
Customizing Your Table View

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:

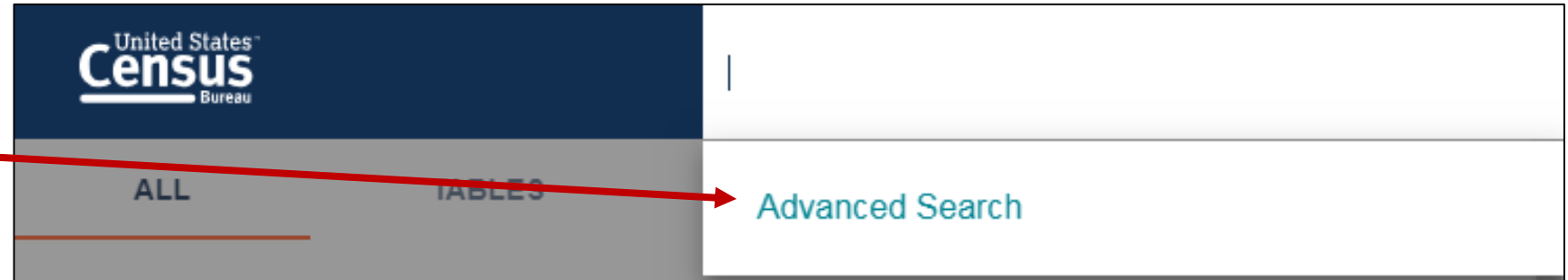
Geographies, Years, Topic,
Survey, or Code from the
Customize Table view



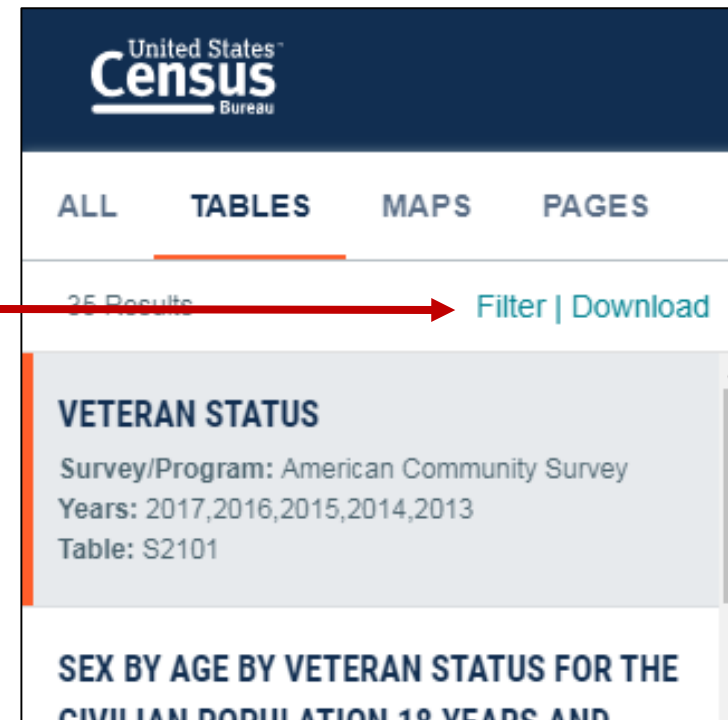
Editing Your Search Filters

Filters:

- Advanced Search



- Filters link located in the table/map results page



Mapping



United States Census Bureau

Search: veterans 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

Legend

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

Send Feedback: cedsci.feedback@census.gov

500mi

- 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.
- The data variable list loads in sections. In many cases you have to repeatedly scroll to get the full list
- Geography selections carry between maps and tables.

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

Part 1

You'd like to look at data for the neighborhood we are currently in. 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 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
- Click Find

The screenshot shows the geocoding interface with the following elements:

- "FIND LOCATIONS USING..." OPTION**
 - One Line
 - Address
 - Address Batch
- "FIND GEOGRAPHIES USING..." OPTION**
 - One Line
 - Address
 - Address Batch
 - Geographic Coordinates
- ABOUT DATA...**
 - Benchmarks
 - Vintages
- Find Address Results**
 - Street : 777 North Capitol Street NE
 - City : Washington
 - State : DC
 - Zip : 20002
 - Benchmark : Public_AR_Current
 - Vintage : ACS2018_Current
 - FIND** button

geocoding.geo.census.gov/geocoder/

✍ Exercise 3a: Finding the census tract 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?
13.4%
- 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”

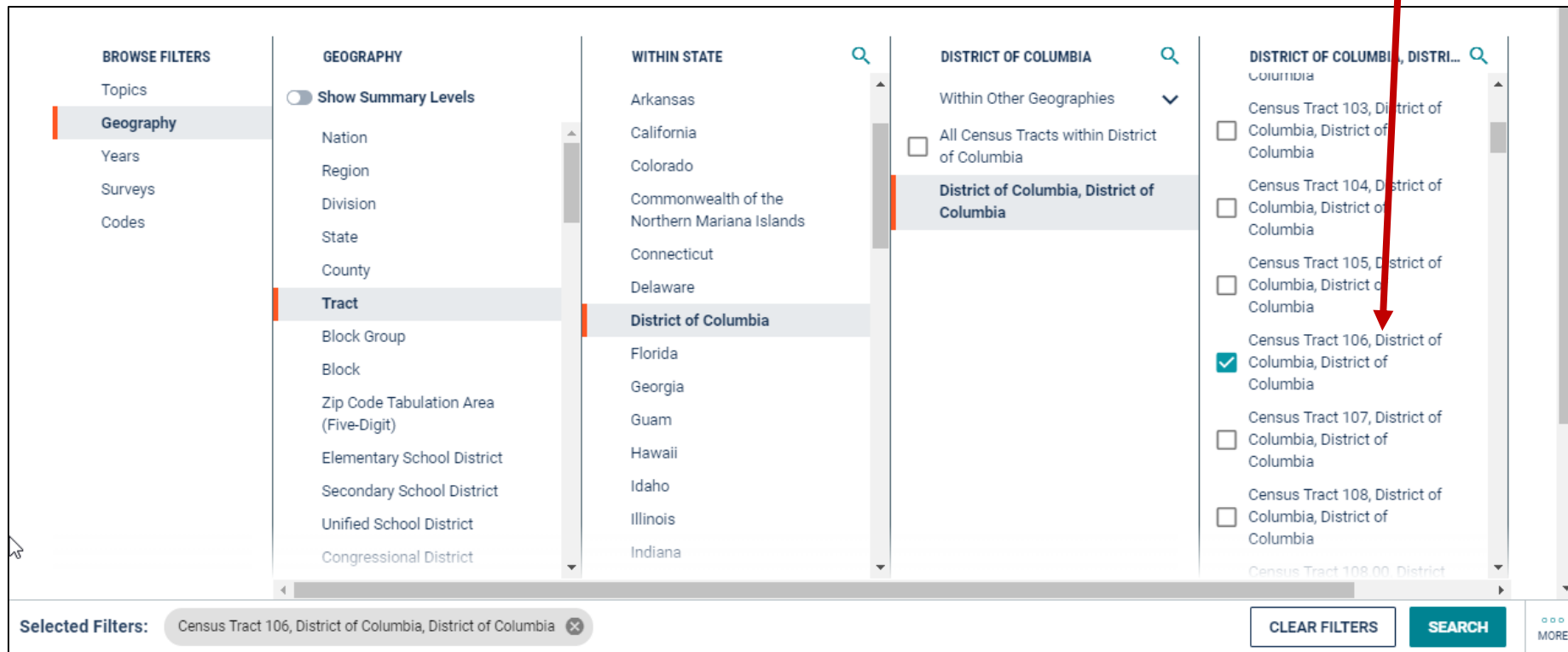
Part 3:

- 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 of poverty in Census Tract 106

Using the advanced search

- **Select the Census Tract 106, Washington, DC**
Geography → Tract (with summary level toggle turned off) → District of Columbia → District of Columbia, District of Columbia → **Census Tract 106, District of Columbia, District of Columbia**



The screenshot displays the advanced search interface with the following components:

- BROWSE FILTERS:** Topics, Geography (selected), Years, Surveys, Codes.
- GEOGRAPHY:** Show Summary Levels. Nation, Region, Division, State, County, **Tract** (selected), Block Group, Block, Zip Code Tabulation Area (Five-Digit), Elementary School District, Secondary School District, Unified School District, Congressional District.
- WITHIN STATE:** Arkansas, California, Colorado, Commonwealth of the Northern Mariana Islands, Connecticut, Delaware, **District of Columbia** (selected), Florida, Georgia, Guam, Hawaii, Idaho, Illinois, Indiana.
- DISTRICT OF COLUMBIA:** Within Other Geographies (dropdown), All Census Tracts within District of Columbia, **District of Columbia, District of Columbia** (selected).
- DISTRICT OF COLUMBIA, DISTRICT OF COLUMBIA:** Census Tract 103, District of Columbia, District of Columbia; Census Tract 104, District of Columbia, District of Columbia; Census Tract 105, District of Columbia, District of Columbia; **Census Tract 106, District of Columbia, District of Columbia**; Census Tract 107, District of Columbia, District of Columbia; Census Tract 108, District of Columbia, District of Columbia; Census Tract 108.00, District of Columbia, District of Columbia.

Selected Filters: Census Tract 106, District of Columbia, District of Columbia [X] CLEAR FILTERS SEARCH MORE

✍ Exercise 3b: Percent of poverty in Census Tract 106

Using the advanced search

- **Select Health Insurance**
Topics → Income and Poverty → Poverty → **Poverty**
- **Select ACS 5-Year Data Profiles**
Surveys → **ACS 5-Year Estimates Data Profiles**
- **Click SEARCH**

This screenshot shows the 'BROWSE FILTERS' section with 'TOPICS' selected. The 'Income and Poverty' category is expanded, and 'Poverty' is checked. The 'Selected Filters' bar at the bottom shows 'Census Tract 106, District of Columbia, District of Columbia' and 'Poverty'. A red box highlights the 'Poverty' checkbox, and a red arrow points from it to the 'ACS 5-Year Estimates Data Profiles' checkbox in the next screenshot.

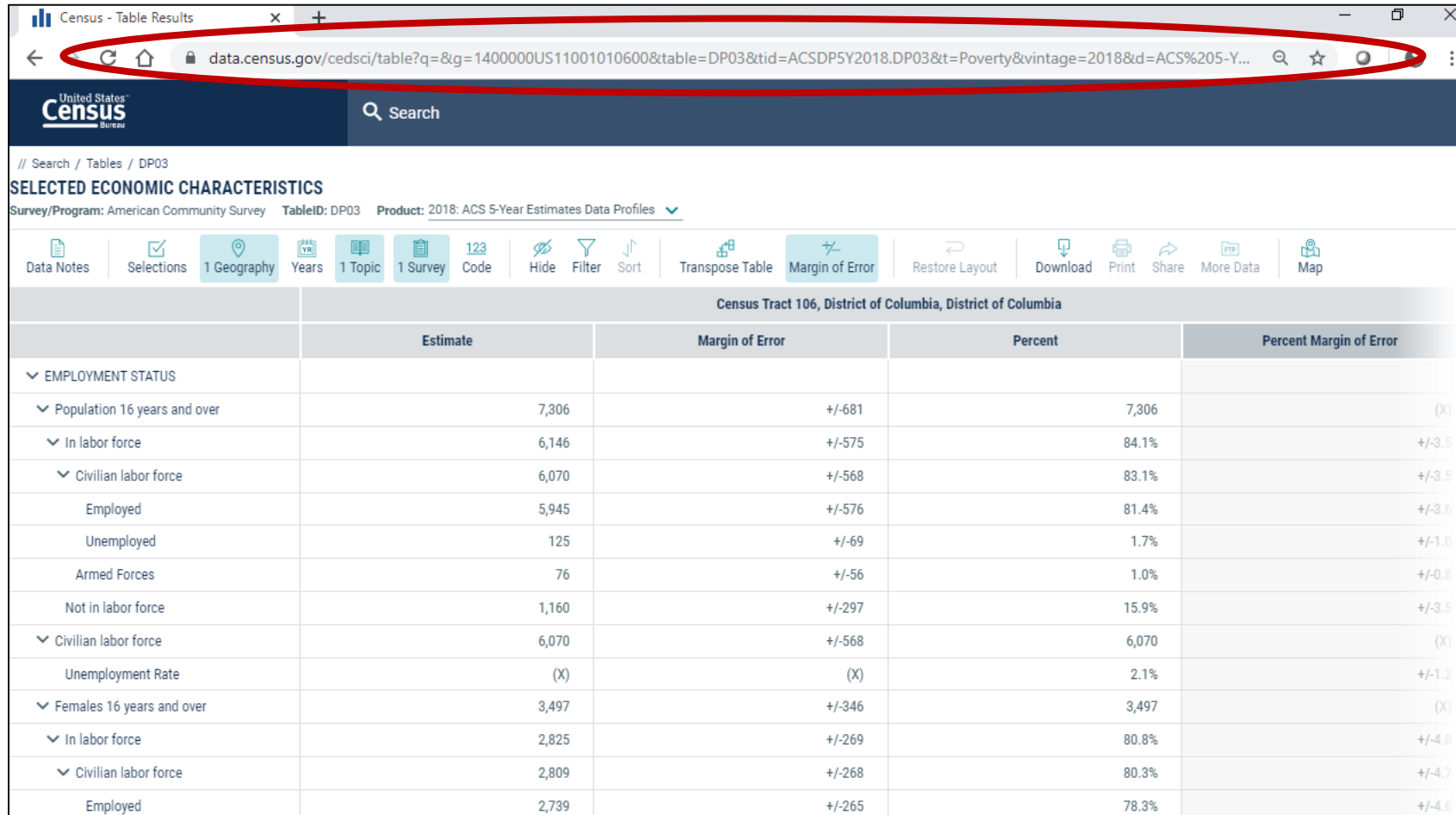
This screenshot shows the 'BROWSE FILTERS' section with 'SURVEYS' selected. The 'ACS 5-Year Estimates Data Profiles' option is checked. The 'Selected Filters' bar at the bottom now includes 'ACS 5-Year Estimates Data Profiles'. A red box highlights the 'ACS 5-Year Estimates Data Profiles' checkbox, and a red arrow points from it to the 'SEARCH' button. Another red arrow points from the 'SEARCH' button to the 'SEARCH' button in the next screenshot.

✍ Exercise 3b: Percent of poverty in Census Tract 106

Answer: 13.4%

SELECTED ECONOMIC CHARACTERISTICS				
Survey/Program: American Community Survey		Product: 2018: ACS 5-Year Estimates Data Profiles		CUSTOMIZE TABLE
TableID: DP03		Census Tract 106, District of Columbia, District of Columbia		
	Estimate	Margin of Error	Percent	Pe
With public co...	33	+/-41	26.4%	
No health insura...	28	+/-36	22.4%	
▼ Not in labor force:	845	+/-262	845	
▼ With health insura...	765	+/-265	90.5%	
With private heal...	441	+/-168	52.2%	
With public cove...	337	+/-184	39.9%	
No health insuranc...	80	+/-73	9.5%	
▼ PERCENTAGE OF FAMIL...				
▼ All families	(X)	(X)	7.8%	
▼ With related childre...	(X)	(X)	8.1%	
With related childr...	(X)	(X)	0.0%	
▼ Married couple families	(X)	(X)	6.5%	
▼ With related childre...	(X)	(X)	9.0%	
With related childr...	(X)	(X)	0.0%	
▼ Families with female ...	(X)	(X)	13.7%	
▼ With related childre...	(X)	(X)	7.2%	
With related childr...	(X)	(X)		
All people	(X)	(X)	13.4%	
▼ Under 18 years	(X)	(X)	11.1%	
▼ Related children of t...	(X)	(X)	11.1%	
Related children o...	(X)	(X)	0.0%	
Related children o...	(X)	(X)	18.9%	

✍ Exercise 3c: Where is the URL to share a link to the table?



The screenshot shows a web browser window displaying the Census Bureau's data table interface. The address bar is circled in red, containing the URL: data.census.gov/cedsci/table?q=&g=1400000US11001010600&table=DP03&tid=ACSDP5Y2018.DP03&t=Poverty&vintage=2018&d=ACS%205-Y...

The table content is as follows:

Census Tract 106, District of Columbia, District of Columbia				
	Estimate	Margin of Error	Percent	Percent Margin of Error
EMPLOYMENT STATUS				
Population 16 years and over	7,306	+/-681	7,306	(X)
In labor force	6,146	+/-575	84.1%	+/-3.5
Civilian labor force	6,070	+/-568	83.1%	+/-3.5
Employed	5,945	+/-576	81.4%	+/-3.6
Unemployed	125	+/-69	1.7%	+/-1.0
Armed Forces	76	+/-56	1.0%	+/-0.8
Not in labor force	1,160	+/-297	15.9%	+/-3.5
Civilian labor force	6,070	+/-568	6,070	(X)
Unemployment Rate	(X)	(X)	2.1%	+/-1.2
Females 16 years and over	3,497	+/-346	3,497	(X)
In labor force	2,825	+/-269	80.8%	+/-4.8
Civilian labor force	2,809	+/-268	80.3%	+/-4.7
Employed	2,739	+/-265	78.3%	+/-4.6

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 and Percent MOE Columns

Remove Estimate and MOE columns from view

- Click “Estimate,” hold, and drag it up
- Release the click when you see the hide icon
- Repeat this for the Margin of Error column

// Search / Tables / DP03
SELECTED ECONOMIC CHARACTERISTICS
Survey/Program: American Community Survey TableID: DP03 Product: 2018: ACS 5-Year Estimates Data Profiles

Data Notes Selections 1 Geography Years 1 Topic 1 Survey 123 Code Hide Filter Sort Transpose Table Margin of Error Restore Layout Download Print Share More Data Map

Census Tract 106, District of Columbia, District of Columbia

	Estimate	Margin of Error	Percent	Percent Margin of Error
EMPLOYMENT STATUS				
Population 16 years and over	7,306	+/-681	7,306	(X)
In labor force	6,146	+/-575	84.1%	+/-3.5
Civilian labor force	6,070	+/-568	83.1%	+/-3.5
Employed	5,945	+/-576	81.4%	+/-3.6
Unemployed	125	+/-69	1.7%	+/-1.0
Armed Forces	76	+/-56	1.0%	+/-0.8
Not in labor force	1,160	+/-297	15.9%	+/-3.5
Civilian labor force	6,070	+/-568	6,070	(X)
Unemployment Rate	(X)	(X)	2.1%	+/-1.2
Females 16 years and over	3,497	+/-346	3,497	(X)
In labor force	2,825	+/-269	80.8%	+/-4.8
Civilian labor force	2,809	+/-268	80.3%	+/-4.7
Employed	2,739	+/-265	78.3%	+/-4.6

✍ Exercise 3d: Editing Table to Only Show Percent and Percent MOE Columns

// Search / Tables / DP03

SELECTED ECONOMIC CHARACTERISTICS

Survey/Program: American Community Survey TableID: DP03 Product: 2017: ACS 5-Year Estimates Data Profiles

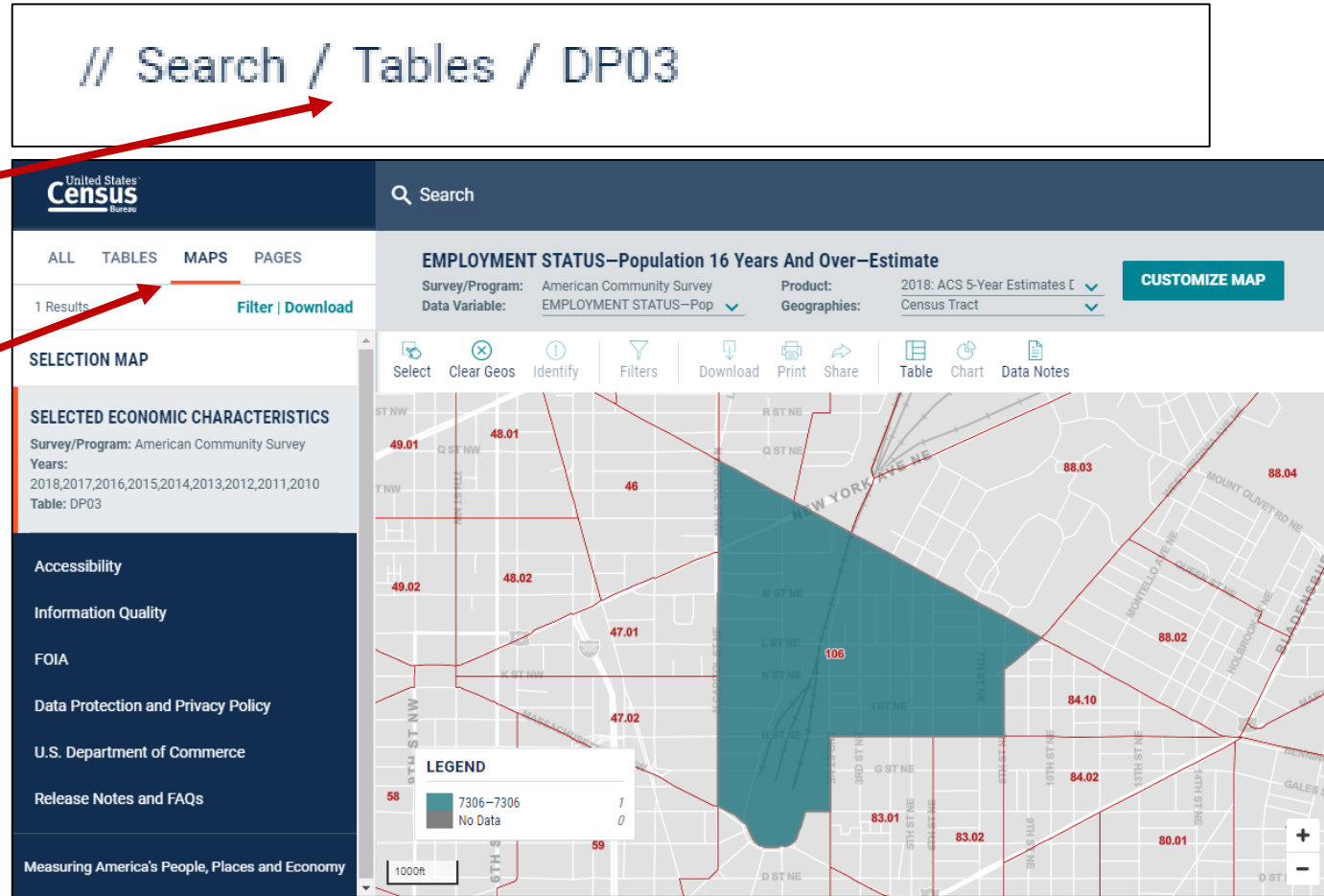
Data Notes Selections 1 Geography Years 1 Topic 1 Survey Code 123 Hide Filter Sort Transpose Table Margin of Error Restore Layout Download Print Share More

Census Tract 106, District of Columbia, District of Columbia		
	Percent	Percent Margin of Error
▼ With health insurance coverage	90.5%	+/-9.0
With private health insurance	52.2%	+/-14.5
With public coverage	39.9%	+/-14.5
No health insurance coverage	9.5%	+/-9.0
▼ PERCENTAGE OF FAMILIES AND PEOPLE WHOSE INCOME IN THE PAST 12 MONTHS IS BELOW THE POVERTY LEVEL		
▼ All families	7.8%	+/-5.7
▼ With related children of the householder under 18 years	8.1%	+/-9.1
With related children of the householder under 5 years only	0.0%	+/-21.8
▼ Married couple families	6.5%	+/-5.9
▼ With related children of the householder under 18 years	9.0%	+/-14.4
With related children of the householder under 5 years only	0.0%	+/-21.8
▼ Families with female householder, no husband present	13.7%	+/-18.0
▼ With related children of the householder under 18 years	7.2%	+/-15.7

✍ Exercise 3e: Mapping poverty rate by census tract in Washington, 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.



✍ Exercise 3e: Mapping poverty rate by census tract in Washington, DC

The screenshot shows the U.S. Census Bureau's data visualization tool interface. At the top, the title is "EMPLOYMENT STATUS—Population 16 Years And Over—Estimate". Below the title, there are fields for "Survey/Program" (American Community Survey), "Data Variable" (EMPLOYMENT STATUS—Population 16 year), "Product" (2018: ACS 5-Year Estimates Data Profiles), and "Geographies" (Census Tract). A "CUSTOMIZE MAP" button is visible on the right. The "Advanced Filters" section is open, showing a list of filters: "Browse Filters" (Topics, Geography, Years, Surveys, Codes), "Geography" (Nation, Region, Division, State, County, Tract, Block Group, Block, Zip Code Tabulation Area (Five-Digit), Elementary School District, Secondary School District), "Within State" (Alabama, Alaska, Arizona, Arkansas, California, Colorado, Connecticut, Delaware, Florida, Georgia, Hawaii, Idaho), and "District of Columbia" (Within Other Geographies, All Census Tracts within District of Columbia, District of Columbia, District of Columbia). The "All Census Tracts within District of Columbia" option is selected with a checkmark. A red arrow points from the "Filter" button in the top left to the "Advanced Filters" section.

Select additional geographies

- Click filter
Select Geography →
Tract → District of
Columbia → **All Census
Tracts within District of
Columbia**

✍ Exercise 3e: Mapping poverty rate by census tract in Washington, DC

United States Census Bureau

Search

// Search / Map / DP03

EMPLOYMENT STATUS—Population 16 Years And Over—Estimate

Survey/Program: American Community Survey Product: 2018: ACS 5-Year Estimates Data

Data Variable: EMPLOYMENT STATUS—Populat Geographies: Census Tract

CUSTOMIZE MAP

Select Clear Geos Identify Filters Download Print Share Table Chart Data Notes

Legend

- 4999–7
- 3925–4
- 3021–3
- 2167–3
- 60–216
- No Data

Italicized numbers of geography areas in each data class.

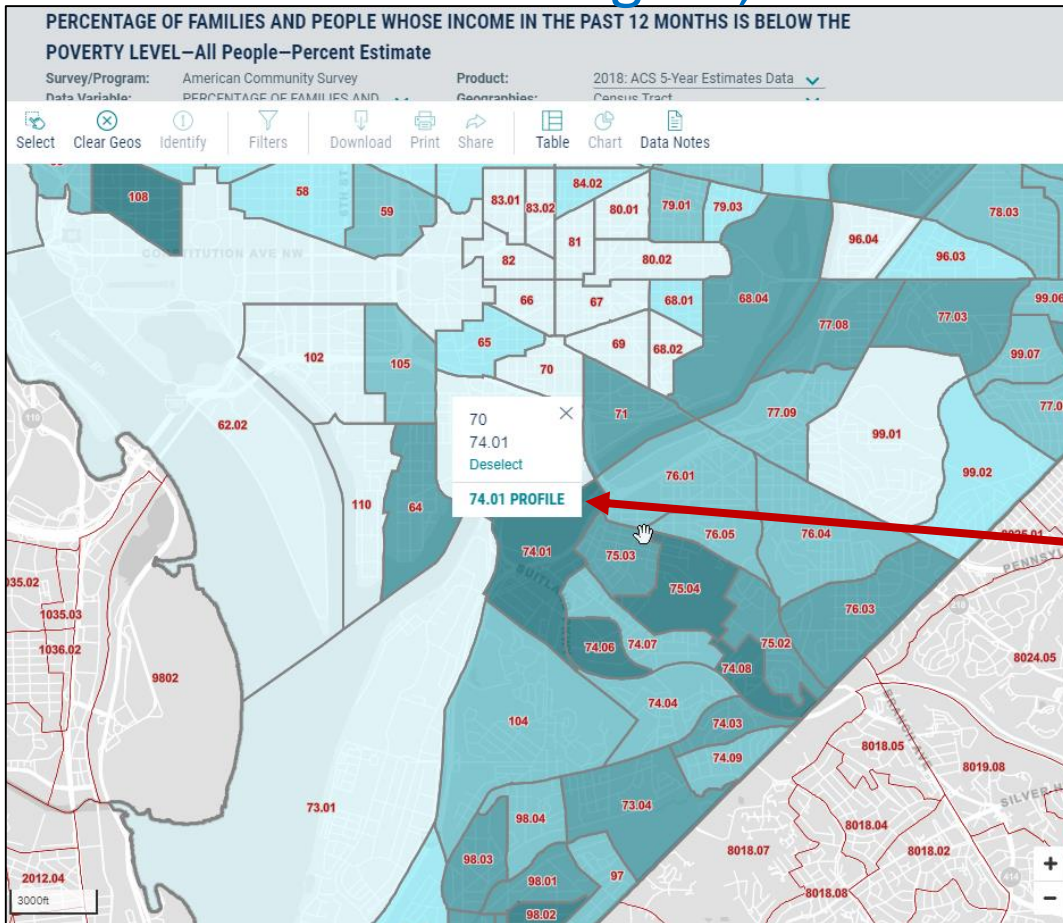
VIEW TABLE

From the Map View

- Click **Customize Map**
- Select the **Data Variable dropdown menu** and **keep scrolling to the bottom** until you've loaded the full list
- 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: Mapping poverty rate by census tract in Washington, DC

Answer: 70% of people income in the past 12 months is below poverty level in census tract 74.01 in Washington, DC



From the Map View

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

Exercise 4: Downloading Tables

- How can we download table EC1231A1 from the 2012 Economic Census?
- How can we download tables B19013A and B19013B for all states from the 2018 American Community Survey?
- How to export table S1501 into other formats like a table-view Excel?

Advanced Search: Accessing Distributions of Basic Race Groups

The screenshot shows a multi-step navigation process in the Census Bureau's advanced search tool. It starts with the 'TOPICS' menu where 'Race and Ethnicity' is selected. This leads to a 'RACE AND ETHNICITY' list where 'Asian' is highlighted. Finally, it shows a detailed 'ASIAN' selection screen where the 'Asian' checkbox is checked. Red arrows and brackets highlight the specific steps and the 'Asian' checkbox.

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: Accessing 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 with the following sections:

- BROWSE FILTERS:** Topics (selected), 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).
- RACE AND ETHNICITY:** -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** (selected), Black or African American, Hispanic or Latino, Native Hawaiian and Pacific Islander, Not Hispanic or Latino, Some Other Race, Two or More Races, White.
- ASIAN:** Asian, -04 - All available detailed Asian races, 012 - Asian alone (400-499), 011 - 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** (selected), Detailed Asian Alone or in Any Combination.
- DETAILED ASIAN ALONE:** 018 - Taiwanese alone (412-419), 019 - Filipino alone (420-421), 020 - Hmong alone (422), 021 - Indonesian alone (423-429), 022 - Japanese alone (430-439), 023 - Korean alone (440-441), 024 - Laotian alone (442), 025 - Malaysian alone (443), 026 - Pakistani alone (445), 027 - Sri Lankan alone (446), 028 - Thai alone (447-449), 029 - Vietnamese alone (450-459).

A red arrow points from the 'Detailed Asian Alone' section to the 'Japanese alone (430-439)' option, which is marked with a checked checkbox.

Exercise 5: Accessing Basic and Detailed Race Groups

- How many people of Hispanic or Latino origin live in Washington, DC?
- What percentage of Mexicans are in the labor force in Virginia?

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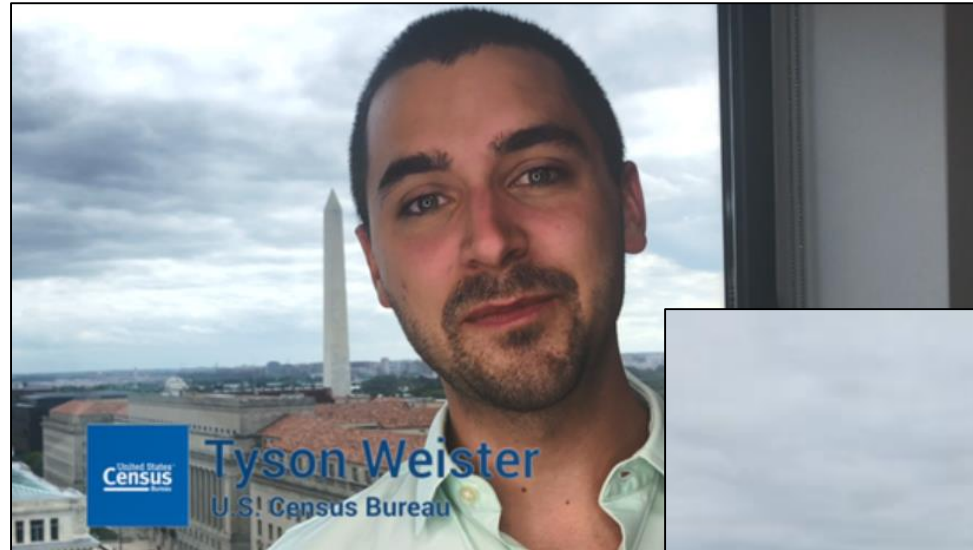
Census Academy:

<https://census.gov/data/academy/webinars/upcoming.html>

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Release Notes & FAQs:
[data.census.gov/assets/release
notes/faqs-release-notes.pdf](https://data.census.gov/assets/release-notes/faqs-release-notes.pdf)

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