

# Transition to data.census.gov

New Mexico Data User Conference  
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U.S. Census Bureau

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

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

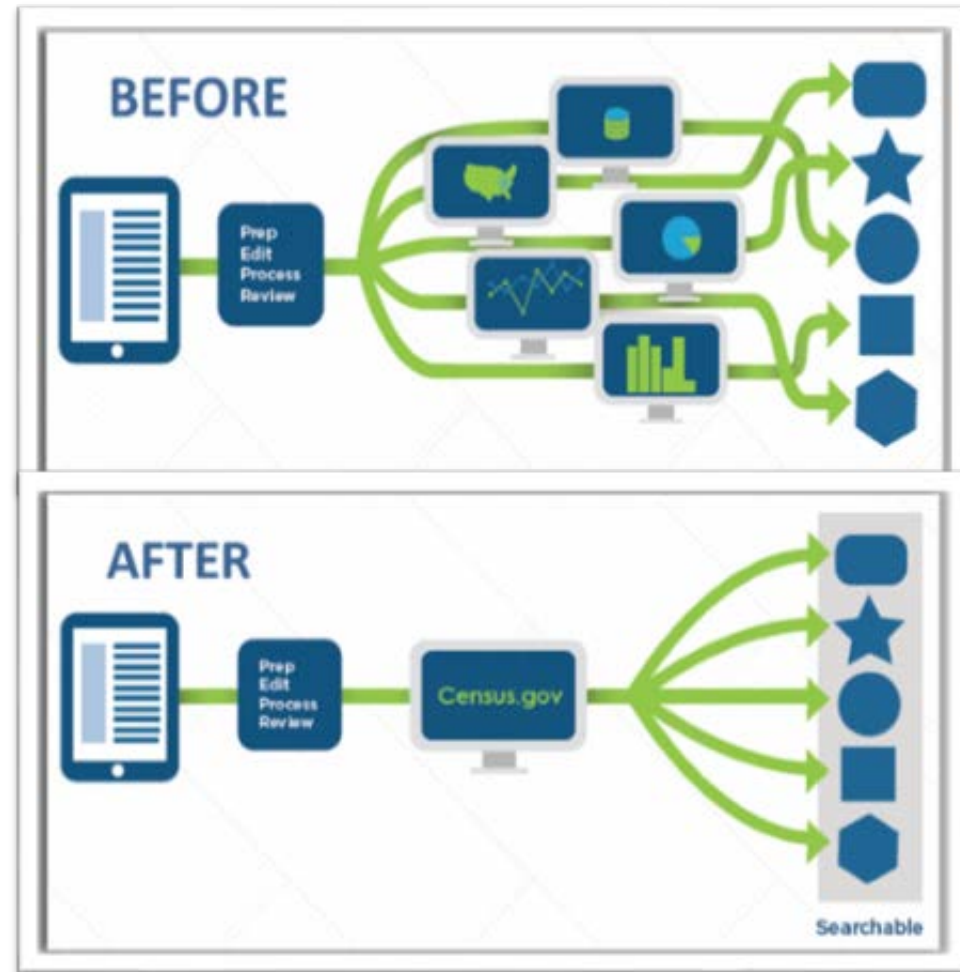
- Streamline access to data
- Maintain best of current tools
- Reduce redundancies and costs
- Provide greater access to Census API

## Actively developing data.census.gov:

- Agile development cycles
- Customer driven based on feedback
- Migrated AFF data by Spring 2020

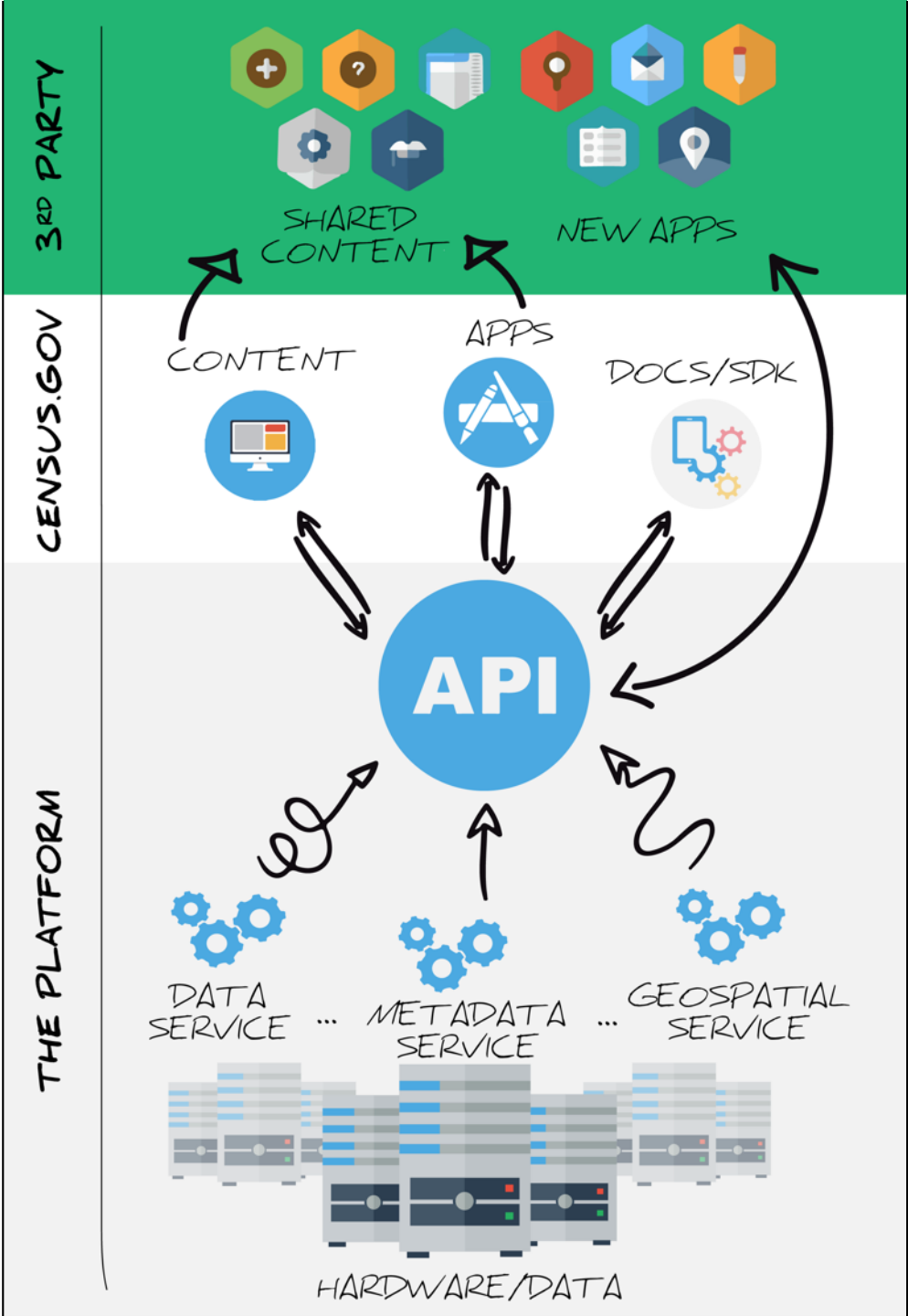
## New data are being released exclusively on data.census.gov:

- 2018 American Community Survey
- 2017 Econ Census
- 2020 Census



# The New Dissemination Platform:

## How It All Works



# Our Development Depends on **YOUR** Feedback



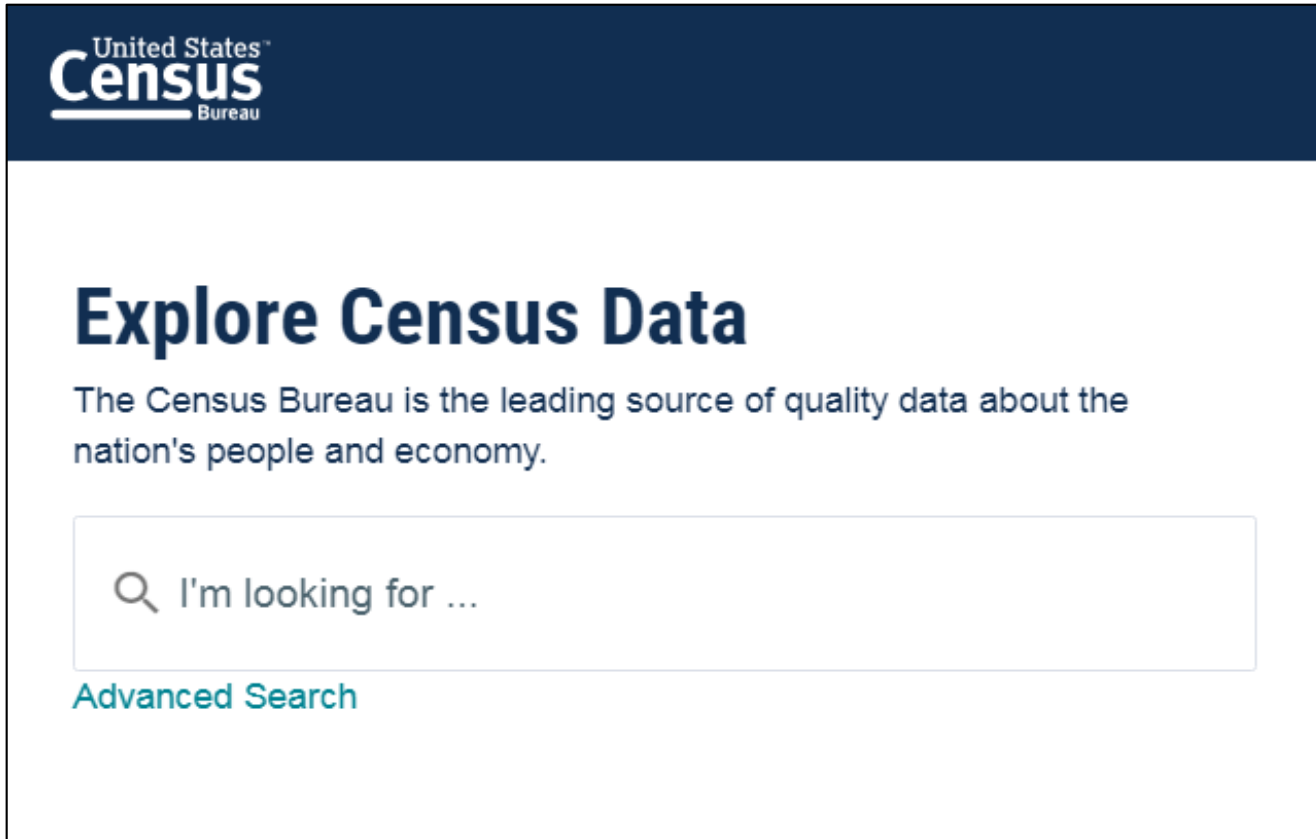
To provide feedback:

- Email [cesdsci.feedback@census.gov](mailto:cesdsci.feedback@census.gov)

# Live Demo

# Hand-On Exercises

# 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 ...". At the bottom left of the search bar area 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 address bar containing 'data.census.gov'. 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 highlighted card 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:

- Poverty rate in Oregon
- Table NS1700NONEMP
- All tables for NAICS 4231
- B19013 for all counties in Delaware
- Visualizations for popular Census Bureau data for Oklahoma (i.e. Geography Profile for Oklahoma)

# Exercise 1: Simple Search

What are quick ways to find:

- Poverty rate in Oregon: **12.6%**
- Table NS1700NONEMP

**Type NS1700NONEMP in the single search**

- All tables for NAICS 4231

**Type 4231 in the single search**

- B19013 for all counties in Delaware

**Type B19013 for all counties in Delaware in the single search**

- Visualizations of popular Census Bureau data for Oklahoma (i.e. Geography Profile for Oklahoma)

**Type Oklahoma in the single search and click Oklahoma Profile**

# Exercise 1a: Poverty rate in Oregon

**Answer: 12.6%**



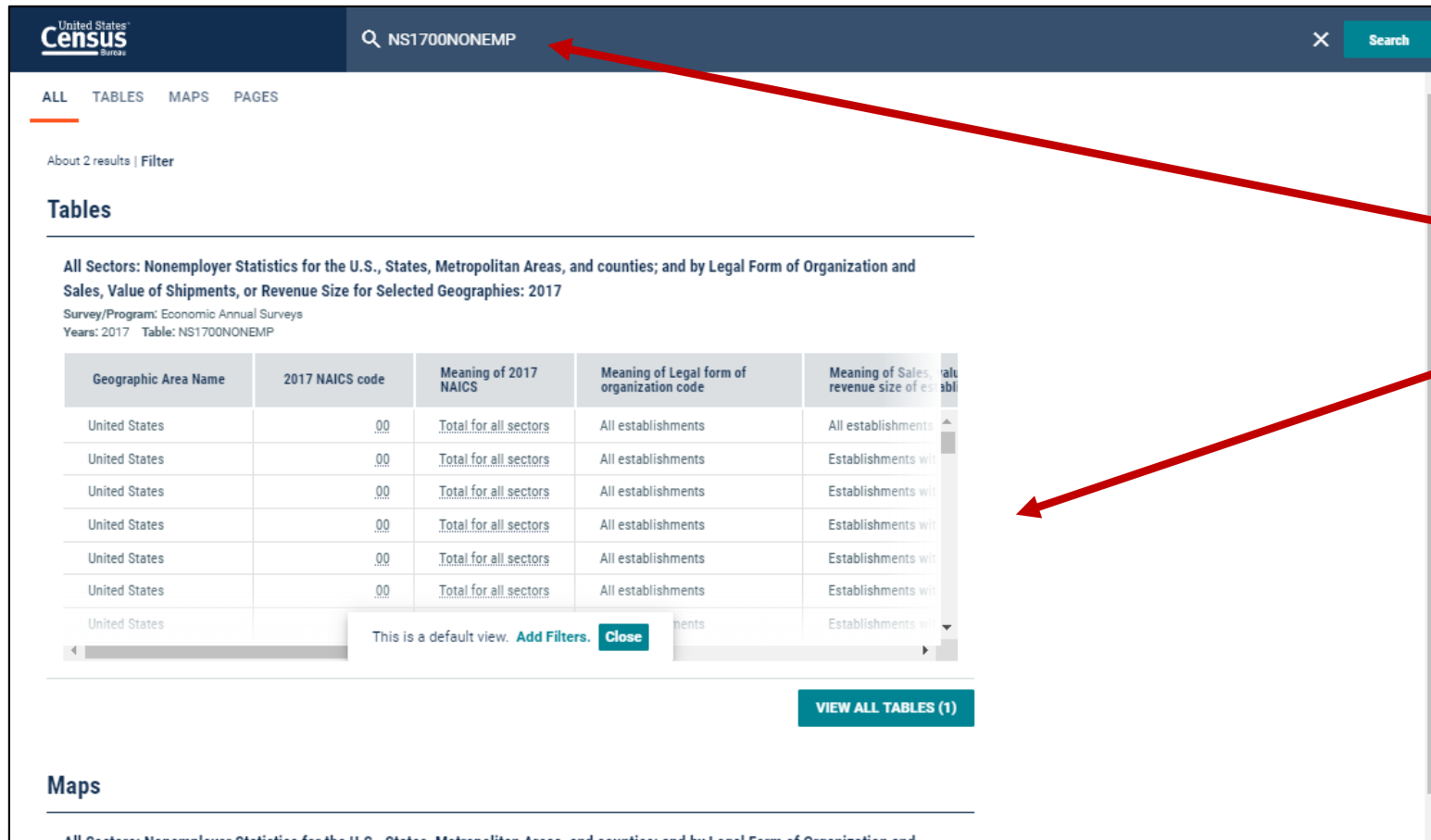
The screenshot shows the U.S. Census Bureau search interface. At the top left is the 'United States Census Bureau' logo. A search bar contains the text 'poverty oregon' with a magnifying glass icon on the left and a close 'X' icon on the right. A teal 'Search' button is to the right of the search bar. Below the search bar are navigation tabs: 'ALL' (underlined), 'TABLES', 'MAPS', and 'PAGES'. Below the tabs, it says 'About 966 results | Filter'. The main content area features a featured result box with the heading 'EXPLORE DATA' and the text '12.6% +/- 0.5% Poverty, All people in Oregon'. Below this, it says 'Source 2018 American Community Survey 1-Year Estimates' and provides the URL 'https://www.census.gov/programs-surveys/acs/'. A right-pointing arrow icon is in the bottom right corner of the featured result box. Two red arrows point from the text on the right to the search bar and the featured result box.

## Using the single search bar

- Type topic + geography
  - Poverty Oregon
  - Oregon poverty
  - People in poverty Oregon
- View featured result at the top of the page

# Exercise 1b: Table NS1700NONEMP

**Answer: Type NS1700NONEMP in the single search**



United States Census Bureau

NS1700NONEMP

ALL TABLES MAPS PAGES

About 2 results | Filter

### Tables

**All Sectors: Nonemployer Statistics for the U.S., States, Metropolitan Areas, and counties; and by Legal Form of Organization and Sales, Value of Shipments, or Revenue Size for Selected Geographies: 2017**  
Survey/Program: Economic Annual Surveys  
Years: 2017 Table: NS1700NONEMP

Geographic Area Name	2017 NAICS code	Meaning of 2017 NAICS	Meaning of Legal form of organization code	Meaning of Sales, value of shipments, or revenue size of establishment
United States	00	Total for all sectors	All establishments	All establishments
United States	00	Total for all sectors	All establishments	Establishments with
United States	00	Total for all sectors	All establishments	Establishments with
United States	00	Total for all sectors	All establishments	Establishments with
United States	00	Total for all sectors	All establishments	Establishments with
United States	00	Total for all sectors	All establishments	Establishments with
United States	00	Total for all sectors	All establishments	Establishments with

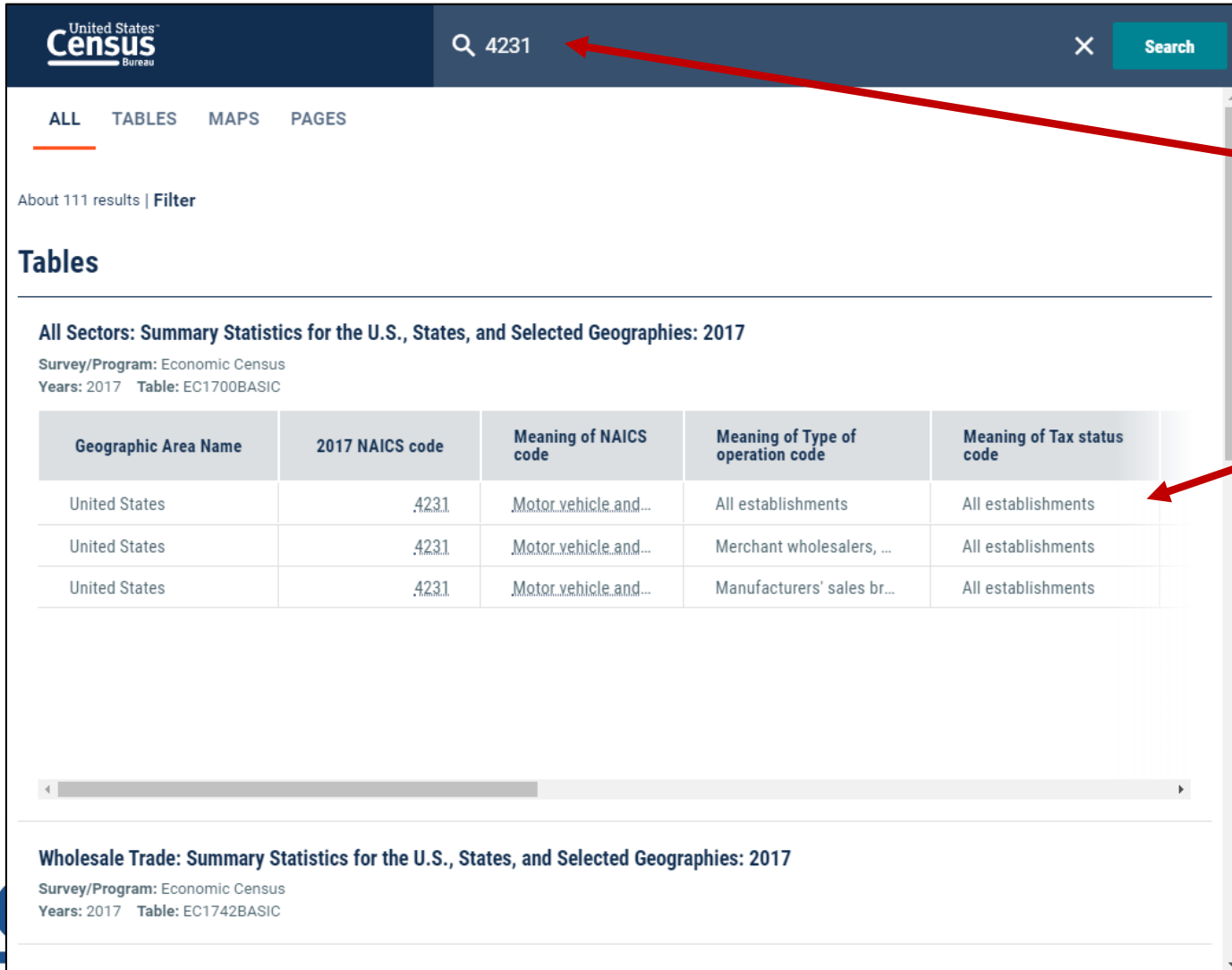
VIEW ALL TABLES (1)

Using the single search bar

- Type NS1700NONEMP 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

Q 4231 X Search

ALL TABLES MAPS PAGES

About 111 results | Filter

### Tables

**All Sectors: Summary Statistics for the U.S., States, and Selected Geographies: 2017**  
Survey/Program: Economic Census  
Years: 2017 Table: EC1700BASIC

Geographic Area Name	2017 NAICS code	Meaning of NAICS code	Meaning of Type of operation code	Meaning of Tax status code
United States	4231	Motor vehicle and...	All establishments	All establishments
United States	4231	Motor vehicle and...	Merchant wholesalers, ...	All establishments
United States	4231	Motor vehicle and...	Manufacturers' sales br...	All establishments


**Wholesale Trade: Summary Statistics for the U.S., States, and Selected Geographies: 2017**  
Survey/Program: Economic Census  
Years: 2017 Table: EC1742BASIC

### Using the single search bar

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

 Exercise 1d: B19013 for all counties in Delaware

**Answer: Type B19013 for all counties in Delaware in the single search**



United States Census Bureau

Q B19013 for all counties in Delaware X Search

ALL TABLES MAPS PAGES

About 21 results | Filter

**Tables**

**MEDIAN HOUSEHOLD INCOME IN THE PAST 12 MONTHS (IN 2017 INFLATION-ADJUSTED DOLLARS)**

Survey/Program: American Community Survey  
Years: 2017,2016,2015,2014,2013,2012,2011,2010 Table: B19013

	Kent County, Delaware		New Castle County, Delaware	
	Estimate	Margin of Error	Estimate	Margin of Error
Median household income...	57,608	+/-3,112	66,647	+/-2,450

**Using the single search bar**

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

# ✍ Exercise 1e: Geography Profile for Oklahoma

Single Search:

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

Oklahoma × **Search**

**Oklahoma Profile**  
Oklahoma has a total area of 68,578.2 square miles, including 1,302.3 square miles of water, making it the 19th-largest state by area.

All places in Oklahoma

All counties in Oklahoma

Two Ways to access the Geography Profile for Oklahoma

**1. The Single Search Bar**

- Type Oklahoma in the single search bar
- Click “Oklahoma Profile”

All Results Page:

United States Census Bureau

Q Oklahoma × **Search**

ALL TABLES MAPS PAGES

About 4,092 results | Filter

**EXPLORE DATA**  
3,930,864 +/- \*\*\*\*\* Total Population in Oklahoma  
Source 2017 American Community Survey 1-Year Estimates  
<https://www.census.gov/programs-surveys/acs/>

**Tables**

ACS DEMOGRAPHIC AND HOUSING ESTIMATES  
Survey/Program: American Community Survey

**EXPLORE DATA**  
**Oklahoma Profile**  
Oklahoma has a total area of 68,578.2 square miles, including 1,302.3 square miles of water, making it the 19th-largest state by area.

**Related Searches**

**2. The All Results Page**

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

# ✍ Exercise 1e: Geography Profile for Oklahoma

## Geography Profile for Oklahoma

**United States Census Bureau** | Search: Oklahoma

### Oklahoma

State in United States

Oklahoma has a total area of 68,578.2 square miles, including 1,302.3 square miles of water, making it the 19th-largest state by area. Oklahoma is bordered by [New Mexico](#), [Colorado](#), [Texas](#), [Kansas](#), [Missouri](#), and [Arkansas](#).

Icon	Statistic	Value
	POPULATION	3,930,864
	MEDIAN HOUSEHOLD INCOME	\$50,051
	POVERTY RATE	15.8%
	EMPLOYMENT RATE	57.2%

#### People and Population

**Veterans**  
9.1% +/- 0.2%  
Veterans in Oklahoma

**Veterans by Sex in Oklahoma**

Send Feedback: [cedsci.feedback@census.gov](mailto:cedsci.feedback@census.gov)



# Advanced Search

United States<sup>®</sup>  
**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 1-Year Detailed Tables
- **Geographies with complex names**  
e.g. Census Tract 100.01, Bibb County, AL
- **Collections of geographies**  
e.g. All places in the United States
- **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](https://ask.census.gov/prweb/PRServletCustom?pyActivity=pyMobileSnapStart&ArticleID=KCP-5510)

## Exercise 2: Advanced Search

- What are the median income in 2017 for people living in:
  - Utah
  - Salt Lake County, Utah
  - Salt Lake City, Utah 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 income in 2017 for people living in:
  - Utah
  - Salt Lake County, Utah
  - Salt Lake City, Utah Metro Area? [View table S1903](#)
- 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**

## Exercise 2a: Median income

# 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](#)

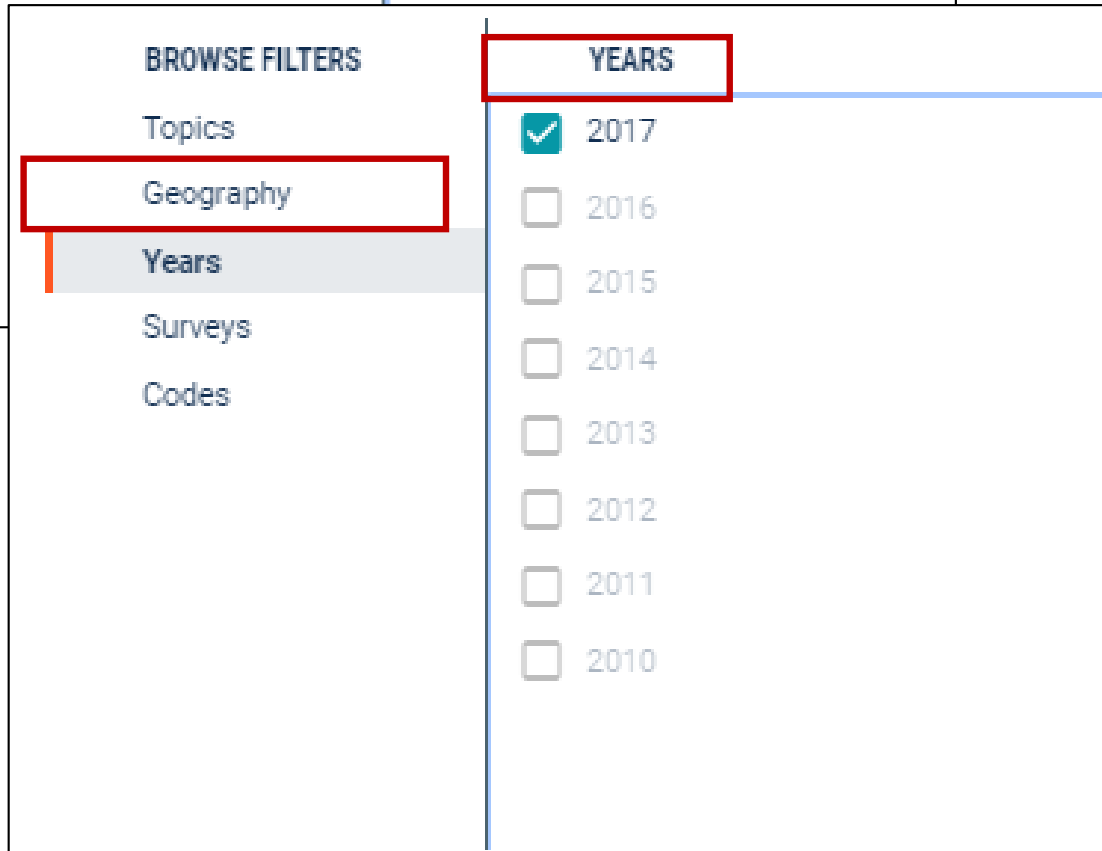
Use the Advanced Search

# Exercise 2a: Median income



The screenshot shows the 'Advanced Search' interface with the following selections:

- BROWSE FILTERS:** 'Topics' is selected.
- TOPICS:** 'Income and Poverty' is selected.
- INCOME AND POVERTY:** 'Income and Earnings' is selected.
- INCOME AND EARNINGS:** 'Earnings (Individuals)' is selected.



The screenshot shows the 'YEARS' filter section with the following selection:

- YEARS:** '2017' is selected.

### Using the Advanced Search

- Select Earnings (Individuals)  
Topics → Income and Poverty → Income and Earnings → Earnings (Individuals)
- Select Year  
Years → 2017



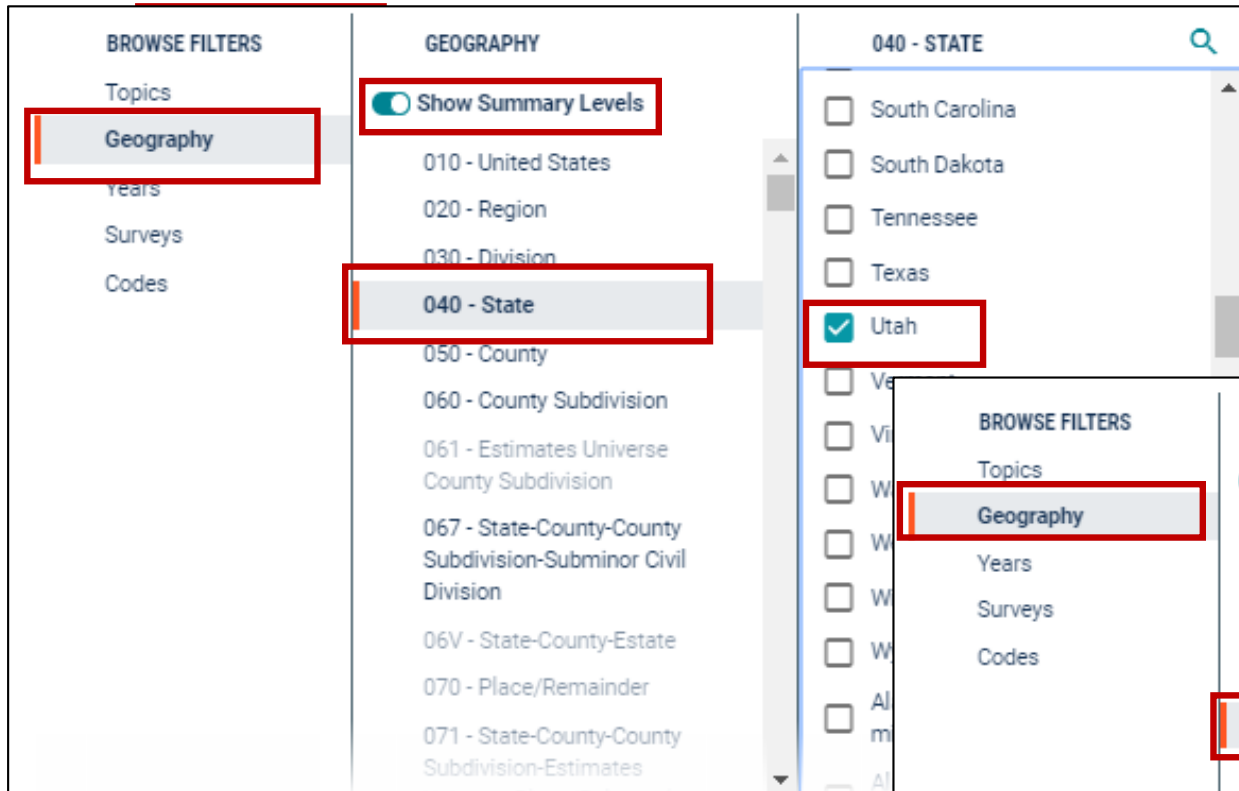
U.S. Department of Commerce  
U.S. CENSUS BUREAU  
*census.gov*

# Exercise 2a: Median income

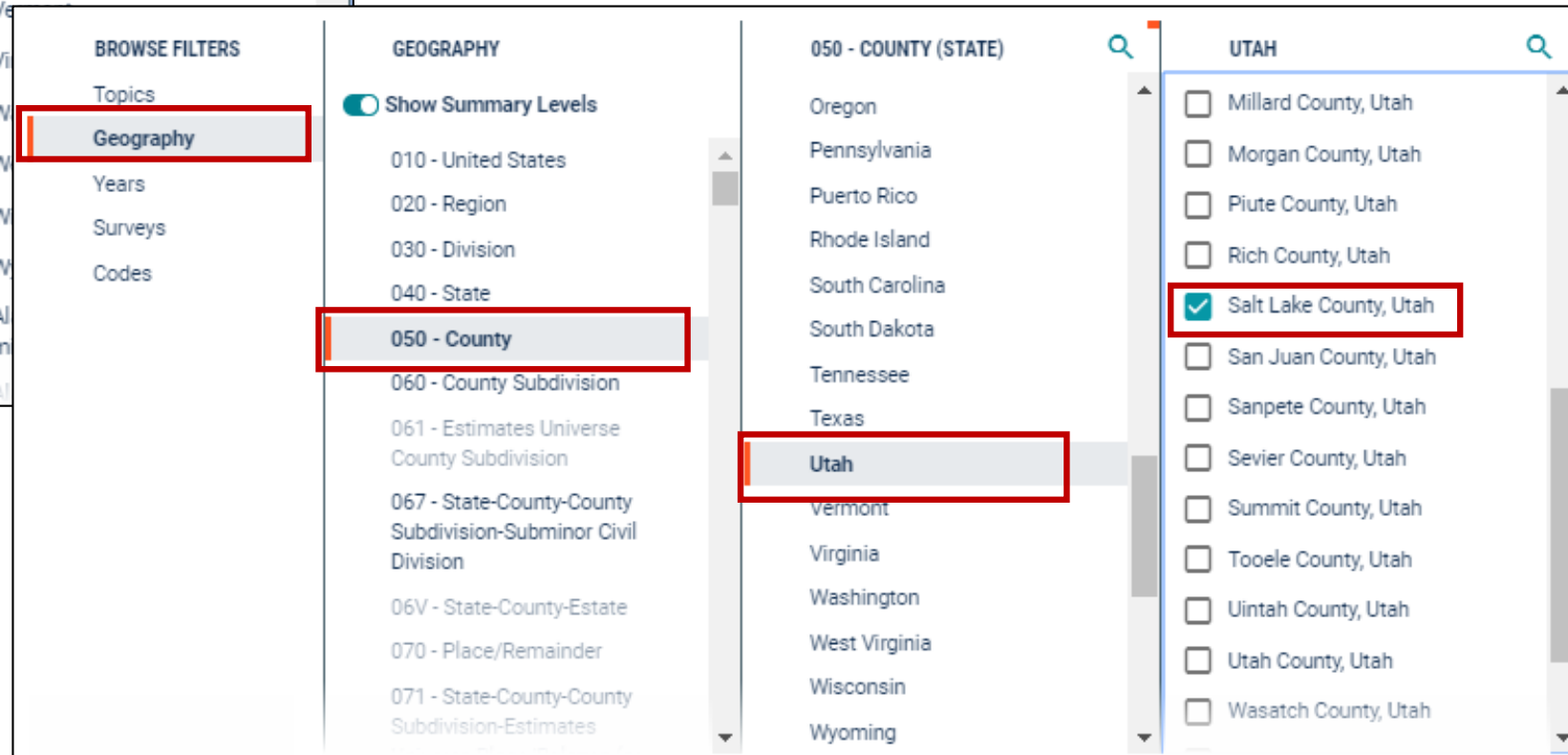
## Using the Advanced Search

- Select Geography  
Geography → 040 – State → Utah

050 – County → Utah → Salt Lake County, Utah

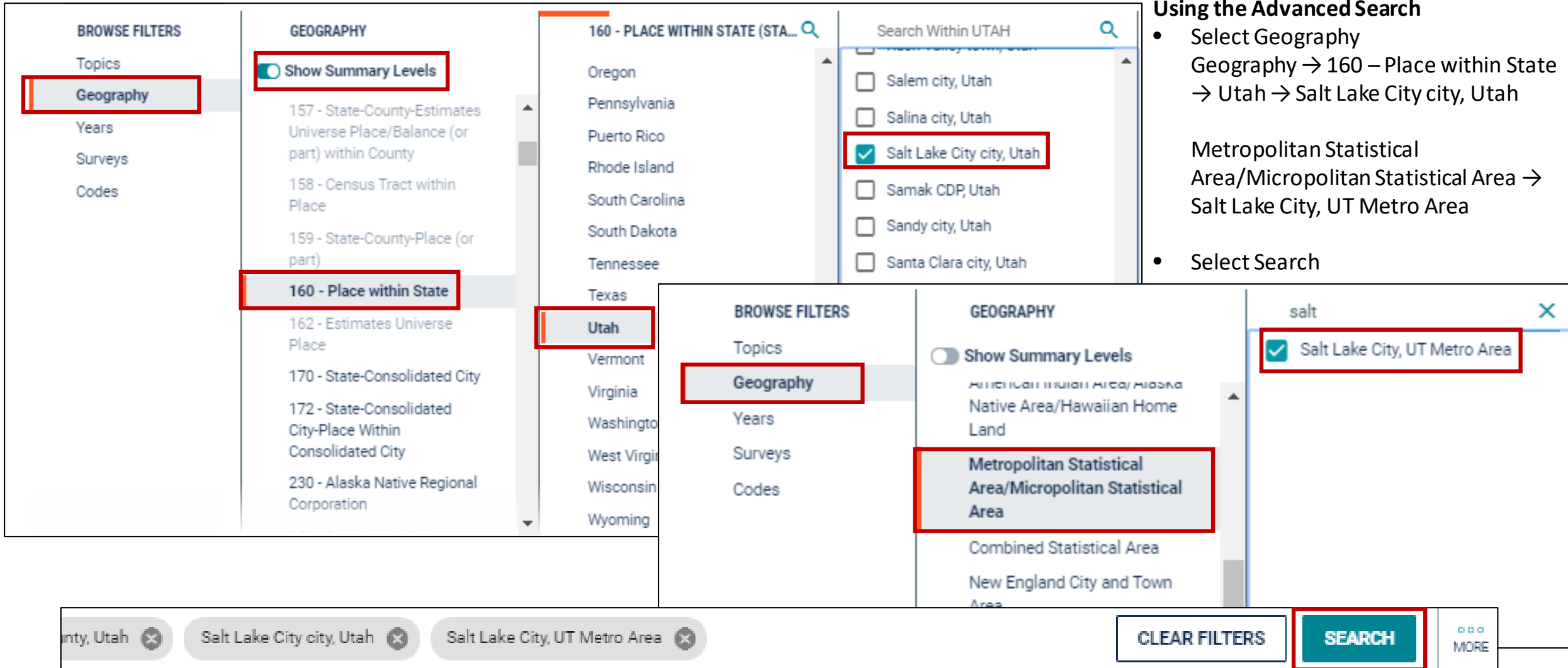


The screenshot shows the 'BROWSE FILTERS' sidebar with 'Geography' selected. In the 'GEOGRAPHY' section, 'Show Summary Levels' is checked, and '040 - State' is highlighted. The main panel shows a list of states with 'Utah' checked.



The screenshot shows the 'BROWSE FILTERS' sidebar with 'Geography' selected. In the 'GEOGRAPHY' section, '050 - County' is highlighted. The main panel shows a list of states with 'Utah' selected. A secondary panel shows a list of counties in Utah with 'Salt Lake County, Utah' checked.

# Exercise 2a: Median income



The screenshot displays the U.S. Census Bureau data tool interface. The left sidebar shows 'BROWSE FILTERS' with 'Geography' selected. The main panel shows 'GEOGRAPHY' with '160 - Place within State' selected. A search box 'Search Within UTAH' is visible, with 'Salt Lake City city, Utah' selected. The bottom panel shows the final selection of 'Salt Lake City, UT Metro Area' under 'Metropolitan Statistical Area/Micropolitan Statistical Area'. The bottom navigation bar includes 'CLEAR FILTERS', 'SEARCH', and 'MORE' buttons.

**Using the Advanced Search**

- Select Geography  
Geography → 160 – Place within State  
→ Utah → Salt Lake City city, Utah
- Select Search  
Metropolitan Statistical Area/Micropolitan Statistical Area → Salt Lake City, UT Metro Area



# Exercise 2a: Median income

United States Census Bureau

Search

ALL TABLES MAPS PAGES

About 2,695 results | Filter

## Tables

### SELECTED ECONOMIC CHARACTERISTICS

Survey/Program: American Community Survey  
Years: 2017 Table: DP03

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### EARNINGS IN THE PAST 12 MONTHS (IN 2017 INFLATION-ADJUSTED DOLLARS)

Survey/Program: American Community Survey  
Years: 2017 Table: S2001

	Utah				
	Total	Percent	Male	Percent Male	Female
	Estimate	Estimate	Estimate	Estimate	Estimate
Population 16 years and over	1,652,294	1,652,294	910,551	910,551	741,743
Median earnings (dollars)	31,046	(X)	40,450	(X)	21,000
▼ FULL-TIME, YEAR-ROUN...	1,000,497	1,000,497	637,321	637,321	363,176
0.1 to 50,000 or less	15,110	1.5%	9,140	1.3%	6,000

### EXPLORE DATA

#### Utah Profile

Utah has a total area of 82,173.8 square miles, including 2,701.8 square miles of water, making it the 12th-largest state by area.

### Related Searches

- Income and Poverty
- Income (Households, Families, Individuals)
- Race and Ethnicity
- Populations and People
- Housing
- Age and Sex
- Earnings (Individuals)
- Official Poverty Measure
- Poverty

### OCCUPATION BY SEX AND MEDIAN EARNINGS IN THE PAST 12 MONTHS (IN 2017 INFLATION-ADJUSTED DOLLARS) FOR THE CIVILIAN EMPLOYED POPULATION 16 YEARS AND OVER

Survey/Program: American Community Survey  
Years: 2017 Table: S2411

[VIEW ALL TABLES \(294\)](#)

## Using the Advanced Search

- Click on table S2001

# Exercise 2a: Median earnings

United States Census Bureau

Search

// Search / Tables / S2001

### EARNINGS IN THE PAST 12 MONTHS (IN 2017 INFLATION-ADJUSTED DOLLARS)

Survey/Program: American Community Survey TableID: S2001 Product: 2017: ACS 1-Year Estimates Subject Tables

Data Notes | 4 Geographies | 1 Year | 1 Topic | Survey | Code | Hide | Filter | Sort | Transpose Table | Margin of Error | Restore Layout | Download | Print

	Utah	Salt Lake County, Utah	Salt Lake City city, Utah	Salt Lake City, UT Metro Area
	Total	Total	Total	Total
	Estimate	Estimate	Estimate	Estimate
Population 16 years and over with earnings	1,652,294	642,664	121,410	678,543
Median earnings (dollars)	31,046	33,231	31,105	33,313
▼ FULL-TIME, YEAR-ROUND WORKERS WITH EARNINGS	1,000,497	412,341	76,907	436,694
\$1 to \$9,999 or less	15,119	5,258	1,141	5,766
\$10,000 to \$14,999	27,618	11,247	2,749	11,764
\$15,000 to \$24,999	118,077	44,284	11,151	47,092
\$25,000 to \$34,999	171,788	73,489	13,900	77,135
\$35,000 to \$49,999	204,558	86,053	14,922	91,503

## Using the Advanced Search

- View table S2001

✍ Exercise 2c: Using data from the 2012 Economic Census, what are the number of real estate establishments (NAICS Code 531) for these counties in Maryland – Anne Arundel County, Charles County, Prince Georges County?

### Using the Advanced Search

- Select the Year 2012  
Years → 2012
- Select NAICS Code 531  
Codes → Industry Codes (NAICS)  
→ 53-Real estate and rental and leasing → 531-Real estate  
→ Check the box for 531-Real estate

United States Census Bureau

Search

FIND A FILTER

e.g. 336111 - Automobile Manufacturing

BROWSE FILTERS

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

YEARS

- 2017
- 2016
- 2015
- 2014
- 2013
- 2012
- 2011
- 2010

Selected Filters: 2012

CLEAR FILTERS SEARCH MORE

Census

Search

FIND A FILTER

e.g. 336111 - Automobile Manufacturing

BROWSE FILTERS

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

CODES

- Industry Codes (NAICS)**
- Product and Service Codes
- Commodity Codes

INDUSTRY CODES (NAICS)

- 23 - Construction
- 31-33 - Manufacturing
- 42 - Wholesale trade
- 44-45 - Retail trade
- 48-49 - Transportation and warehousing
- 51 - Information
- 52 - Finance and insurance
- 53 - Real estate and rental and leasing**
- 54 - Professional, scientific, and technical services
- 55 - Management of companies and enterprises
- 56 - Administrative and support and waste management and remediation activities

53 - REAL ESTATE AND RENTAL AND LEASING

- 53 - Real estate and rental and leasing
- 42 available 2-digit codes within sector 53
- 42 available 4-digit codes within sector 53
- 42 available 5-digit codes within sector 53
- 42 available 6-digit codes within sector 53

531 - Real estate

- 531 - Real estate
- 5311 - Lessors of real estate
- 5312 - Offices of real estate agents and brokers
- 5313 - Activities related to real estate

Selected Filters: 53 - Real estate 5312

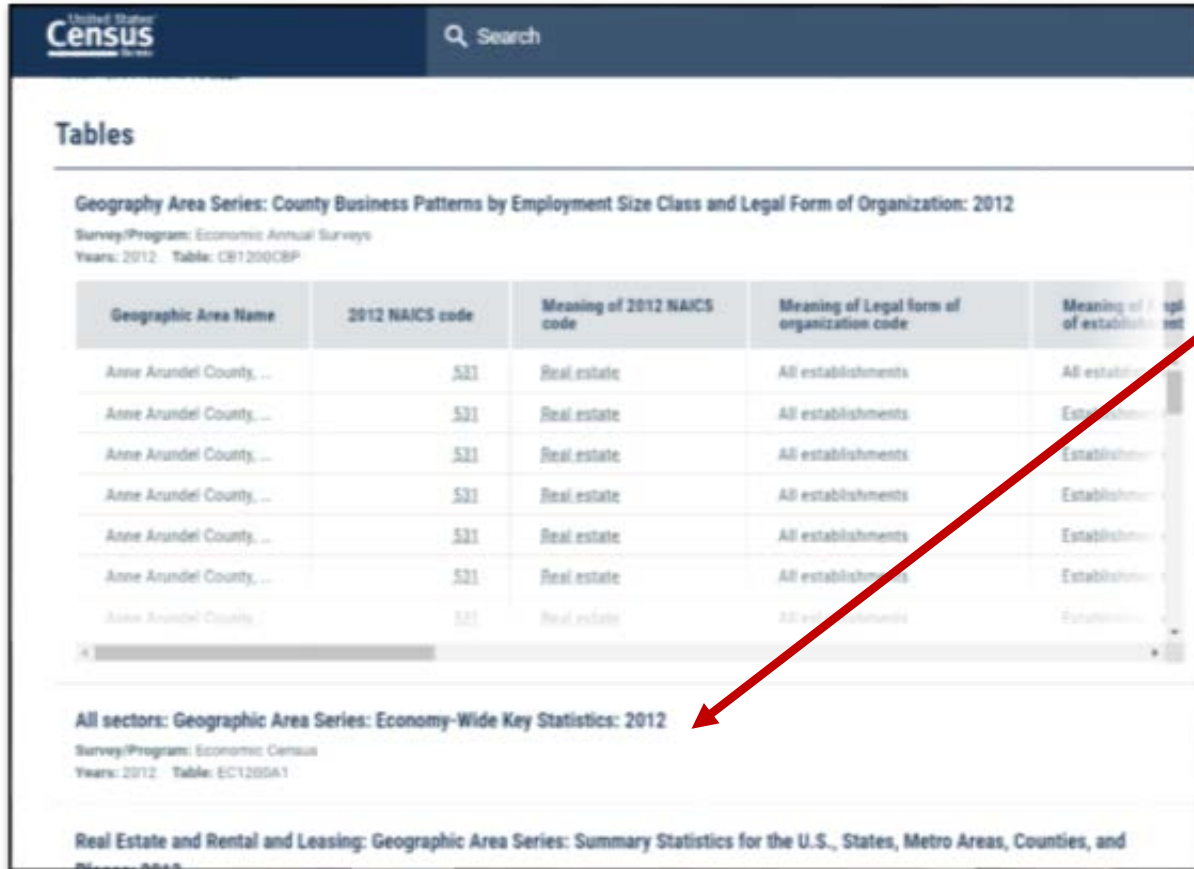
CLEAR FILTERS SEARCH MORE

✂ Exercise 2c: Using data from the 2012 Economic Census, what are the number of real estate establishments (NAICS Code 531) for these counties in Maryland – Anne Arundel County, Charles County, Prince Georges County?

The screenshot shows the 'United States Census Bureau' Advanced Search interface. The 'FIND A FILTER' section has a search bar with 'e.g. 336111 - Automobile Manufacturing'. The 'BROWSE FILTERS' sidebar has 'Geography' selected. The 'GEOGRAPHY' section has 'Show Summary Levels' turned off, and 'County' is selected. The 'COUNTY' list shows 'Maryland' selected. The 'MARYLAND' list shows 'Charles County, Maryland' and 'Prince George's County, Maryland' selected. The 'Selected Filters' bar at the bottom shows '531 - Real estate', '2012', 'Anne Arundel County, Maryland', and 'Charles County, Maryland'.

**Using the Advanced Search,** select the three counties in Maryland Geography → County (with summary level toggle turned off) → Maryland → Anne Arundel County, Maryland Charles County, Maryland Prince George's County, Maryland

✍ Exercise 2c: Using data from the 2012 Economic Census, what are the number of real estate establishments (NAICS Code 531) for these counties in Maryland – Anne Arundel County, Charles County, and Prince Georges County?



The screenshot shows the Census Bureau's data tables interface. At the top, there is a search bar and the 'Census' logo. Below the search bar, the word 'Tables' is displayed. The main content area lists several tables. The first table is titled 'Geography Area Series: County Business Patterns by Employment Size Class and Legal Form of Organization: 2012'. Below it, there is a table with five columns: 'Geographic Area Name', '2012 NAICS code', 'Meaning of 2012 NAICS code', 'Meaning of Legal form of organization code', and 'Meaning of Legal form of establishment'. This table contains several rows, all with 'Anne Arundel County, MD' in the first column and '531' in the second column. A red arrow points from the text 'Select the second table in the results, Economic Census table EC1200A1.' to the second table in the list, which is titled 'All sectors: Geographic Area Series: Economy-Wide Key Statistics: 2012'.

Geographic Area Name	2012 NAICS code	Meaning of 2012 NAICS code	Meaning of Legal form of organization code	Meaning of Legal form of establishment
Anne Arundel County, MD	531	Real estate	All establishments	All establishments
Anne Arundel County, MD	531	Real estate	All establishments	Establishments
Anne Arundel County, MD	531	Real estate	All establishments	Establishments
Anne Arundel County, MD	531	Real estate	All establishments	Establishments
Anne Arundel County, MD	531	Real estate	All establishments	Establishments
Anne Arundel County, MD	531	Real estate	All establishments	Establishments
Anne Arundel County, MD	531	Real estate	All establishments	Establishments

Select the second table in the results, Economic Census table **EC1200A1**.

✍ Exercise 2c: Using data from the 2012 Economic Census, what are the number of real estate establishments (NAICS Code 531) for these counties in Maryland – Anne Arundel County, Charles County, and Prince Georges County?

**Answer:**

**Anne Arundel County, MD: 471**

**Charles County, MD: 88**

**Prince George's County, MD: 484**

United States Census Bureau

Search

ALL TABLES MAPS PAGES

3 Results Filter | Download

**Geography Area Series: County Business Patterns by Employment Size Class and Legal Form of Organization: 2012**  
 Survey/Program: Economic Annual Surveys  
 Years: 2012  
 Table: CB1200CBP

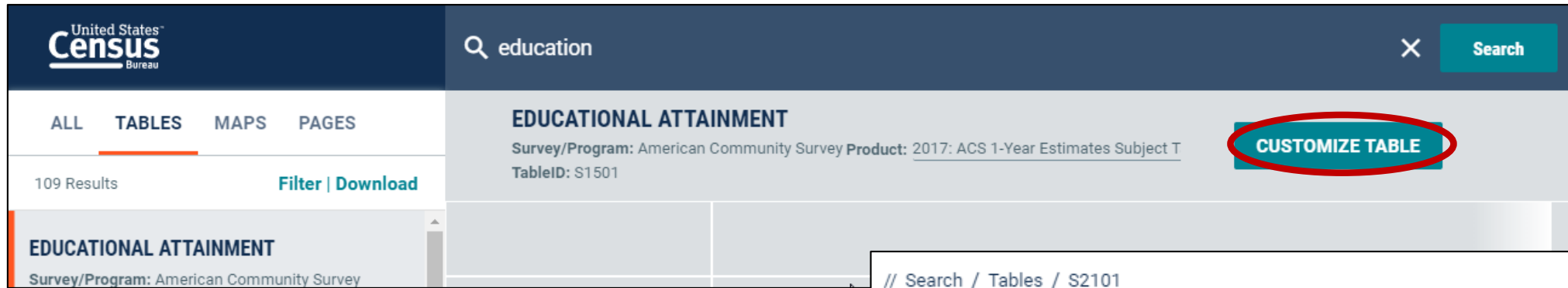
**All sectors: Geographic Area Series: Economy-Wide Key Statistics: 2012**  
 Survey/Program: Economic Census  
 Years: 2012  
 Table: EC1200A1

CUSTOMIZE TABLE

Geographic Area Name	2012 NAICS code	Meaning of 2012 NAICS code	Meaning of Tax Status code	Meaning of Type of Operation code	Year	Number of establishments	Value of sales, shipments, revenue, or business done
Anne Arundel County	531	Real estate	All establishments	All establishments	2012	471	
Charles County	531	Real estate	All establishments	All establishments	2012	88	
Prince George's County	531	Real estate	All establishments	All establishments	2012	484	

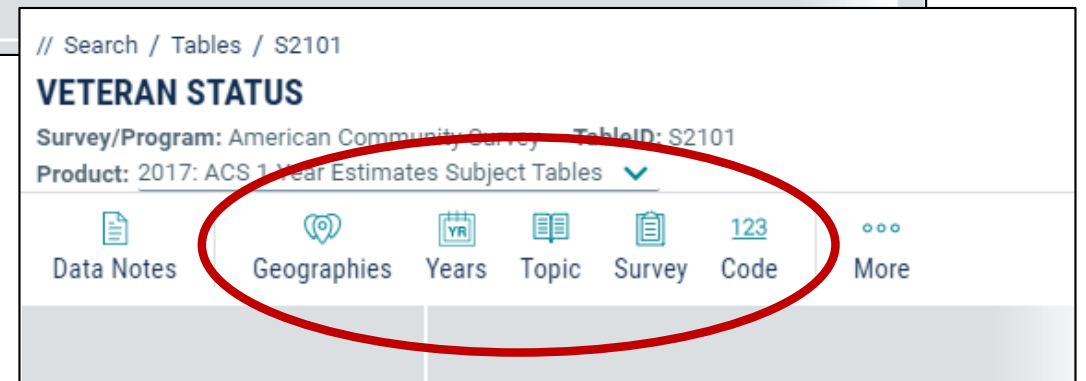
# Customizing Your Table View

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:

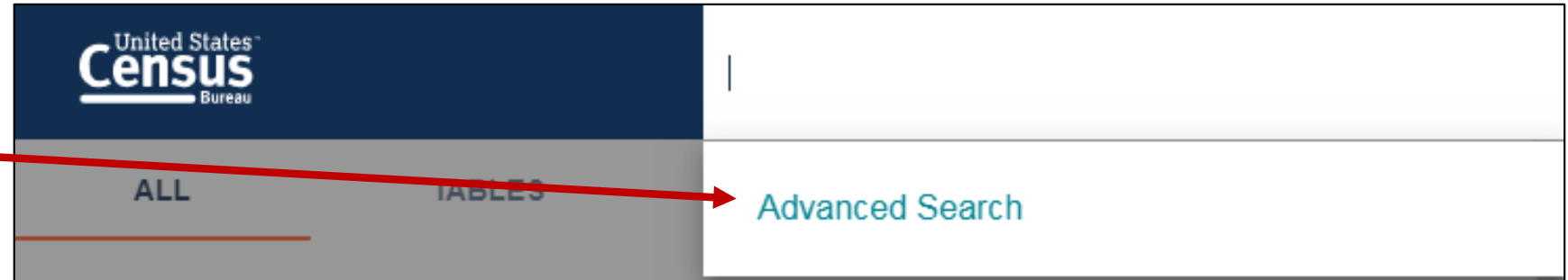
Geographies, Years, Topic, Survey, or Code from the Customize Table view



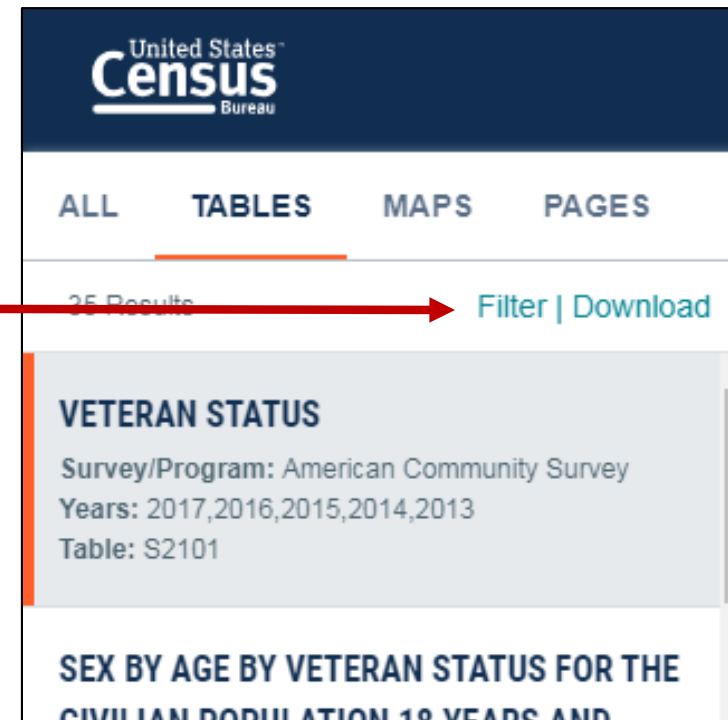
# Editing Your Search Filters

Filters:

- Advanced Search



- Filters link located in the table/map results page





## Exercise 3 – Customizing Your Table View

- Using the ACS 1-Year Data Profiles, what is the percentage of people without health insurance in Michigan?
  - Where is the URL to share a link to the table?
  - How can we edit our table view to show percent and percent MOE columns only?
  - How can you add all states to your table
  - How can we copy and paste cells from this table into Excel?
  - How can we export the table into Excel?

## Exercise 3 – Customizing Your Table View

- Using 2017 Nonemployer Statistics, how many nonemployer grocery stores are there in Maryland?
  - How can we copy and paste cells from this table into Excel? How can we export the table into Excel?
  - How can we edit the table to include all counties in Maryland?
  - How can we edit the table to include those counties with more than 50 nonemployer grocery stores?
- Using the ACS 1-Year Data Profiles, what is the percentage of people without health insurance in Macomb County, MI?
  - Where is the URL to share a link to the table?
  - How can we edit our table view to show percent and percent MOE columns only?

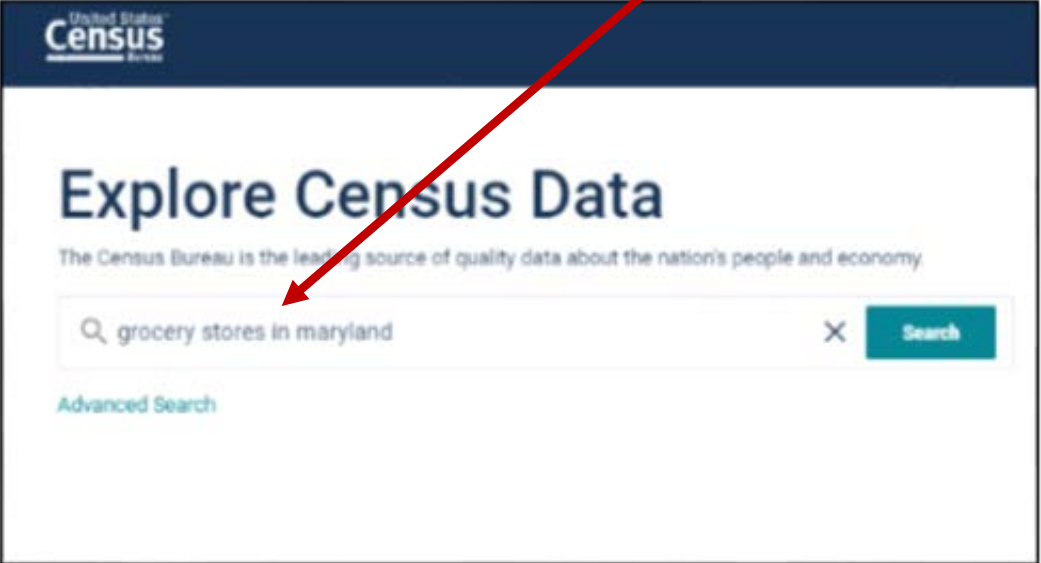
## Exercise 3 – Customizing Your Table View

- Using 2017 Nonemployer Statistics, how many nonemployer grocery stores are there in Maryland? **629**
  - How can we copy and paste cells from this table into Excel? **Highlight cells, right-click on the highlighted cells, select 'Copy cells' from the menu**
  - How can we export the table into Excel? **Right-click on the table, select 'Export Table' from the menu, and select to export to Excel**
  - How can we edit the table to include all counties in Maryland? **Using the Geography filter in the Advanced Filters, select County → Maryland → All counties in Maryland**
  - How can we edit the table to include those counties with more than 50 nonemployer grocery stores? **Create a custom filter using the Filter option in the Advanced Filters menu.**
- Using the ACS 1-Year Data Profiles, what is the percentage of people without health insurance in Macomb County, MI? **5.2 %**
  - Where is the URL to share a link to the table? **At the top of the page, in the search bar**
  - How can we edit our table view to show percent and percent MOE columns only? **Use the Hide option in the Advanced Filters menu.**

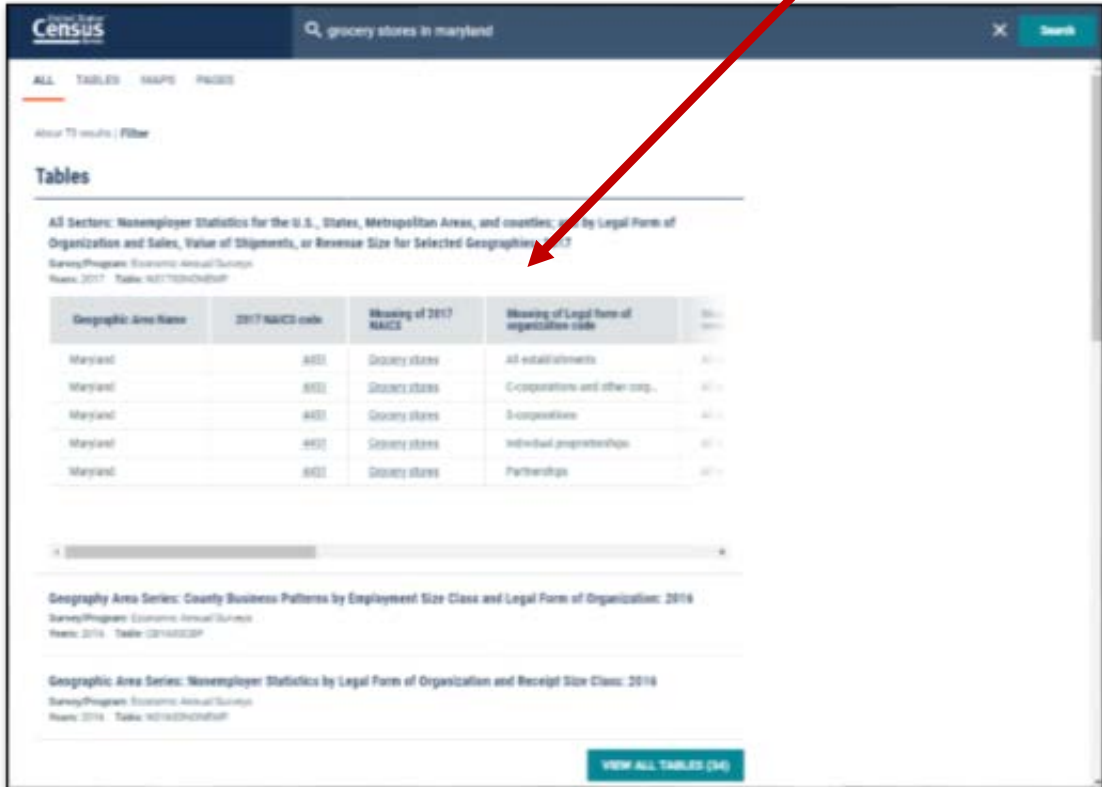
# ✍ Exercise 3a: Using 2017 Nonemployer Statistics, how many nonemployer grocery stores are there in Maryland?

**Using the single search**

Search for grocery stores in Maryland



Select the first table in the results, 2017 Nonemployer Statistics



✍ Exercise 3a: Using 2017 Nonemployer Statistics, how many nonemployer grocery stores are there in Maryland?

**Answer: 629**

The screenshot shows a data table from the U.S. Census Bureau. The search query is "grocery stores in maryland". The table title is "All Sectors: Nonemployer Statistics for the U.S., States, Metropolitan Areas, and counties; and by Legal Form of Organization and Sales, Value of Shipments, or Revenue Size for Selected Geographies: ...". The table has 9 columns: Geographic Area Name, 2017 NAICS code, Meaning of 2017 NAICS, Meaning of Legal form of organization code, Meaning of Sales, value of shipments, or revenue size of establishment code, Year, Number of nonemployer establishments, Nonemployer Sales, value of shipments, or revenue (\$1,000), and Notes (range for shipment). The first row shows Maryland with 629 establishments, which is circled in red. Other rows show Maryland with different legal forms of organization: C-corporations and other corp. (11), S-corporations (58), individual proprietorships (478), and Partnerships (55).

Geographic Area Name	2017 NAICS code	Meaning of 2017 NAICS	Meaning of Legal form of organization code	Meaning of Sales, value of shipments, or revenue size of establishment code	Year	Number of nonemployer establishments	Nonemployer Sales, value of shipments, or revenue (\$1,000)	Notes (range for shipment)
Maryland	4451	Grocery stores	All establishments	All establishments	2017	629	63,675	
Maryland	4451	Grocery stores	C-corporations and other corp.	All establishments	2017	11	7,812	
Maryland	4451	Grocery stores	S-corporations	All establishments	2017	58	13,781	
Maryland	4451	Grocery stores	Individual proprietorships	All establishments	2017	478	27,546	
Maryland	4451	Grocery stores	Partnerships	All establishments	2017	55	15,350	

# ✍ Exercise 3a: How can we copy and paste cells from this table into Excel?

Click **CUSTOMIZE TABLE**

The image shows two screenshots of the Census Bureau website. The top screenshot shows a search for 'grocery stores in maryland' with a 'CUSTOMIZE TABLE' button circled in red. The bottom screenshot shows the resulting table with a red border around the first five rows. A context menu is open over the table, with 'Copy cells', 'Copy with headers', and 'Export Table' options circled in red.

Geographic Area Name	2017 NAICS code	Meaning of 2017 NAICS	Meaning of Legal form of organization code	Meaning of Sales, value of shipments, or revenue size of establishment code	Year	Number of nonemployer establishments	Nonemployer Sales, value of shipments, or revenue (\$1,000)
Maryland	4451	Grocery stores	All establishments	All establishments	2017	629	63,671
Maryland	4451	Grocery stores	C-corporations and other corp...	All establishments	2017	31	7,012
Maryland	4451	Grocery stores	S-corporations	All establishments	2017	63	13,741
Maryland	4451	Grocery stores	Individual proprietorships	All establishments	2017	470	27,548
Maryland	4451	Grocery stores	Partnerships	All establishments	2017	65	15,370

Highlight the desired cells,  
Right click →  
Select **Copy cells** or **Copy cells with headers**

Paste the cells into Excel

# ✍ Exercise 3a: How can we export the table into Excel?

Click **CUSTOMIZE TABLE**

The image displays two screenshots of the U.S. Census Bureau's data table interface. The top screenshot shows the search results for 'grocery stores in maryland' with a table of data. A red circle highlights the 'CUSTOMIZE TABLE' button in the top right corner. The bottom screenshot shows the same table with a right-click context menu open over a cell. Two options, 'Export Table' and 'Export to Excel', are circled in red. A red arrow points from the text 'From any table cell, Right click → Select Export → Select Export to Excel' to the 'Export to Excel' button.

Geographic Area Name	2017 NAICS code	Meaning of 2017 NAICS	Meaning of Legal form of organization code	Meaning of Sales, value of shipments, or revenue size of establishment code	Year	Number of nonemployer establishments	Nonemployer Sales, value of shipments, or revenue (\$1,000)	Notice range for shipments, or revenue
Maryland	4451	Grocery stores	All establishments	All establishments	2017	629	63,671	
Maryland	6051	Grocery stores	C-corporations and other corp...	All establishments	2017	31	7,812	
Maryland	6051	Grocery stores	S-corporations	All establishments	2017	60	13,741	
Maryland	4451	Grocery stores	Individual proprietorships	All establishments	2017	470	27,548	
Maryland	4451	Grocery stores	Partnerships	All establishments	2017	65	15,370	

From any table cell,  
Right click →  
Select **Export** →  
Select **Export to Excel**

# ✍ Exercise 3a: How can we export the table into Excel? (continued)

Search / Tables / NS1700NONEMP

All Sectors: Nonemployer Statistics for the U.S., States, Metropolitan Areas, and counties; and by Legal Form of Organizat...

Survey/Program: Economic Annual Surveys TableID: NS1700NONEMP Year: 2017 Dataset: NONEMP2017

Data Notes 1 Geography Years Topic Survey 1 Code Hide Filter Sort Transpose Table Margin of Error More

Geographic Area Name	2017 NAICS code	Meaning of 2017 NAICS	Meaning of Legal form of organization code	Meaning of Sales, value of ship-revenue size of establishment
Maryland	4451	Grocery stores	All establishments	All establishments
Maryland	4451	Grocery stores	S-corporations	All establishments
Maryland	4451	Grocery stores	Individual proprietorships	All establishments
Maryland	4451	Grocery stores		

The exported, Excel file appears with the selected geographies.

Click **export.xls** to view the exported file.

Geographic identifier code	Geographic Area Name	2017 NAICS code	Meaning of 2017 NAICS	Legal form of organization code	Meaning of Legal form of organization code
0400000U524	Maryland		4451 Grocery stores		1 All establishments
0400000U524	Maryland		4451 Grocery stores		9111 S-corporations
0400000U524	Maryland		4451 Grocery stores		920 Individual proprietorships
0400000U524	Maryland		4451 Grocery stores		930 Partnerships



# ✍ Exercise 3a: How can we edit the table to include all counties in Maryland?

Click **CUSTOMIZE TABLE**



United States Census Bureau

grocery stores in maryland

ALL TABLES MAPS PAGES

All Sectors: Nonemployer Statistics for the U.S., States, Metropolitan Areas, and counties; and by Legal Form of Organization and Sales, Value of Shipments, or Revenue Size for Selected Geographies: ...

Survey/Program: Economic Annual Surveys TableID: NS1700NCNEMP Year: 2017

24 Results Filter Download

Geographic Area Name	2017 NAICS code	Meaning of 2017 NAICS	Meaning of Legal form of organization code	Meaning of Sales, value of shipments, or revenue size of establishment code	Year	Number of nonemployer establishments	Nonemployer Sales, value of shipments, or revenue (\$1,000)	Nonemployer Sales, value of shipments, or revenue (\$1,000)
Maryland	4451	Grocery stores	All establishments	All establishments	2017	429	43,671	
Maryland	4451	Grocery stores	C-corporations and other corp...	All establishments	2017	31	7,812	
Maryland	4451	Grocery stores	S-corporations	All establishments	2017	60	13,741	
Maryland								
Maryland								

Select **Geography** to access the Geography filters



United States Census Bureau

grocery stores in maryland

Search / Tables / NS1700NCNEMP

All Sectors: Nonemployer Statistics for the U.S., States, Metropolitan Areas, and counties; and by Legal Form of Organization and Sales, Value of Shipments, or Revenue Size for Selected Geographies: 2017

Survey/Program: Economic Annual Surveys TableID: NS1700NCNEMP Year: 2017 Dataset: NONEMP2017

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

Geographic Area Name	2017 NAICS code	Meaning of 2017 NAICS	Meaning of Legal form of organization code	Meaning of Sales, value of shipments, or revenue size of establishment code	Year	Number of nonemployer establishments	Nonemployer Sales, value of shipments, or revenue (\$1,000)
Maryland	4451	Grocery stores	All establishments	All establishments	2017	429	
Maryland	4451	Grocery stores	C-corporations and other corp...	All establishments	2017	31	
Maryland	4451	Grocery stores	S-corporations	All establishments	2017	60	
Maryland	4451	Grocery stores	Individual proprietorships	All establishments	2017	470	
Maryland	4451	Grocery stores	Partnerships	All establishments	2017	65	

# ✍ Exercise 3a: How can we edit the table to include all counties in Maryland? (continued)

The screenshot shows the Census data table interface. The search bar contains "grocery stores in maryland". The table title is "All Sectors: Nonemployer Statistics for the U.S., States, Metropolitan Areas, and counties; and by Legal Form of Organization and Sales, Value of Shipments, or Revenue Size for Selected Geograph...". The "Geography" filter is expanded to "County", and the "Maryland" state is selected. The "All counties in Maryland" checkbox is checked, and a red arrow points to it from the right-side text.

**Add Geographies:**  
Geography →  
County (with  
summary level  
toggle turned off)  
→ Maryland → **All  
counties in  
Maryland**

# ✍ Exercise 3a: How can we edit the table to include those counties with more than 50 nonemployer grocery stores?

The screenshot shows the Census Bureau data table interface. At the top, the title is "All Sectors: Nonemployer Statistics for the U.S., States, Metropolitan Areas, and counties; and by Legal Form of Organization and Sales, Value of Shipments, or Revenue Size for Selected Geographies: 2017". The table has columns for Geographic Area Name, 2017 NAICS code, Meaning of 2017 NAICS, Meaning of Legal form of organization code, Meaning of Sales, value of shipments, or revenue size of establishment code, Year, Number of nonemployer establishments, Nonemployer Sales, value of shipments, or revenue (\$1,000), and Noise range for nonemployer Sales, value of shipments, or revenue (%). The "Filter" button in the top toolbar is highlighted with a red box. Below the table, the "Filter / Sort" panel is open, showing a filter configuration for "Number of nonemployer establishments" greater than 50. The "Filter 1" panel has a red border around the configuration fields. The "APPLY UPDATES" button is also highlighted with a red box.

Geographic Area Name	2017 NAICS code	Meaning of 2017 NAICS	Meaning of Legal form of organization code	Meaning of Sales, value of shipments, or revenue size of establishment code	Year	Number of nonemployer establishments	Nonemployer Sales, value of shipments, or revenue (\$1,000)	Noise range for nonemployer Sales, value of shipments, or revenue (%)
Baltimore County, Mar...	4451	Grocery stores	All establishments	All establishments	2017	115	12,104	
Prince George's County...	4451	Grocery stores	All establishments	All establishments	2017	99	9,155	
Baltimore city, Maryland	4451	Grocery stores	All establishments	All establishments	2017	112	13,691	
Montgomery County, M...	4451	Grocery stores	All establishments	All establishments	2017	85	9,072	
Maryland	4451	Grocery stores	All establishments	All establishments	2017	629	63,671	
Maryland	4451	Grocery stores	S-corporations	All establishments	2017	63	13,741	

Filter / Sort

HIDE/SHOW FILTER SORT

Filter Visible Rows and Columns

Filter 1

Table Row/Column: Number of nonemployer establishments

Operator: Greater than

Value: 50

ADD FILTER

CLEAR ALL APPLY UPDATES

Select the Filter button

Enter the following:  
**Table Row/Column:** Number of nonemployer establishments

**Operator:** Greater than  
**Value:** 50

Select APPLY UPDATES

Select the HIDE button

# ✍ Exercise 3a: How can we edit the table to include those counties with more than 50 nonemployer grocery stores? (continued)

The table automatically updates to display only those counties with more than 50 nonemployer grocery stores.

// Search / Tables / NS1700NONEMP

**All Sectors: Nonemployer Statistics for the U.S., States, Metropolitan Areas, and counties; and by Legal Form of Organization and Sales, Value of Shipments, or Revenue Size for Selected Geographies: 2017**

Survey/Program: Economic Annual Surveys TableID: NS1700NONEMP Year: 2017 Dataset: NONEMP2017

Data Notes 2 Geographies Years Topic Survey 123 1 Code Hide Filter Sort Transpose Table Margin of Error Restore Layout Download Print Share More Data Map

Geographic Area Name	2017 NAICS code	Meaning of 2017 NAICS	Meaning of Legal form of organization code	Meaning of Sales, value of shipments, or revenue size of establishment code	Year	Number of nonemployer establishments	Nonemployer Sales, value shipments, or revenue (\$)
Baltimore County, Mar...	4451	Grocery stores	All establishments	All establishments	2017	115	
Prince George's County...	4451	Grocery stores	All establishments	All establishments	2017	99	
Baltimore city, Maryland	4451	Grocery stores	All establishments	All establishments	2017	112	
Montgomery County, M...	4451	Grocery stores	All establishments	All establishments	2017	85	
Maryland	4451	Grocery stores	All establishments	All establishments	2017	629	
Maryland	4451	Grocery stores	S-corporations	All establishments	2017	63	
Maryland	4451	Grocery stores	Individual proprietorships	All establishments	2017	470	
Maryland	4451	Grocery stores	Partnerships	All establishments	2017	65	

✍ Exercise 3b: Using the ACS 1-Year Data Profiles, what is the percentage of people without health insurance in Macomb County, MI?

The screenshot shows the ACS 1-Year Data Profiles search interface. On the left, under 'BROWSE FILTERS', 'Geography' is selected. In the 'GEOGRAPHY' section, 'Show Summary Levels' is circled in red. The 'COUNTY' list shows 'Michigan' selected. On the right, a search bar contains 'macomb' and a search dropdown shows 'Macomb County, Michigan' selected with a checkmark. A red arrow points from the text on the right to this selection. At the bottom, 'Selected Filters:' shows 'Macomb County, Michigan' with a close button. There are 'CLEAR FILTERS' and 'SEARCH' buttons at the bottom right.

Using the advanced search

- **Select Macomb County, MI**  
Geography → County (with summary level toggle turned off) → Michigan → **Macomb County, Michigan**

✍ Exercise 3b: Using the ACS 1-Year Data Profiles, what is the percentage of people without health insurance in Macomb County, MI?

**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

**HEALTH**

- Health
- Care and Visits
- Disability
- Expenses
- Fertility
- Health Insurance
- International HIV/AIDS

**Selected Filters:** Macomb County, Michigan  Health Insurance

Using the advanced search

- **Select Health Insurance**  
Topics →  
Health →  
Health Insurance

✍ Exercise 3b: Using the ACS 1-Year Data Profiles, what is the percentage of people without health insurance in Macomb County, MI?

The screenshot shows the ACS data search interface. On the left, under 'BROWSE FILTERS', the 'Surveys' category is selected. The 'SURVEYS' list on the right includes 'ACS 1-Year Estimates Data Profiles', which is checked. At the bottom, the 'Selected Filters' section shows 'Macomb County, Michigan', 'Health Insurance', and 'ACS 1-Year Estimates Data Profiles'. A 'SEARCH' button is visible in the bottom right corner.

Using the advanced search

- Select ACS 1-Year Estimates Data Profiles Surveys → ACS 1-Year Estimates Data Profiles
- Click search

# ✍ Exercise 3b: Using the ACS 1-Year Data Profiles, what is the percentage of people without health insurance in Macomb County, MI?

The screenshot shows the United States Census Bureau website interface. At the top, there is a search bar and navigation tabs for 'ALL', 'TABLES', 'MAPS', and 'PAGES'. Below the search bar, it indicates 'About 2 results | Filter'. The 'Tables' section is active, displaying 'SELECTED ECONOMIC CHARACTERISTICS' for 'Macomb County, Michigan'. The table includes columns for 'Estimate', 'Margin of Error', 'Percent', and 'Percent Margin of Error'. The data rows are as follows:

	Estimate	Margin of Error	Percent	Percent Margin of Error
EMPLOYMENT STATUS				
Population 16 years a...	708,577	+/-1,473	708,577	(X)
In labor force	450,961	+/-5,780	63.6%	+/-0.8
Civilian labor force	450,463	+/-5,749	63.6%	+/-0.8
Employed	425,567	+/-6,125	60.1%	+/-0.9

Below the table, there is a 'VIEW ALL TABLES (1)' button. The 'Maps' section is partially visible at the bottom, showing a map of Macomb County, Michigan, with labels for 'SHIAWASSEE' and 'ST. CLAIR'.

Using the advanced search

- Select table DP03



✍ Exercise 3b: Using the ACS 1-Year Data Profiles, what is the percentage of people without health insurance in Macomb County, MI?

**Answer: 5.2%**

// Search / Tables / DP03

**SELECTED ECONOMIC CHARACTERISTICS**

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

Data Notes | 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

Macomb County, Michigan

	Estimate	Margin of Error	Percent	Percent Margin of Error
Median earnings for female full...	42,019	+/-699	(X)	(X)
▼ HEALTH INSURANCE COVERAGE				
▼ Civilian noninstitutionalized po...	864,509	+/-1,046	864,509	(X)
▼ With health insurance coverage	819,325	+/-4,775	94.8%	+/-0.6
With private health insurance	637,198	+/-10,242	73.7%	+/-1.2
With public coverage	313,166	+/-9,670	36.2%	+/-1.1
No health insurance coverage	45,184	+/-4,765	5.2%	+/-0.6
▼ Civilian noninstitutionalized po...	194,568	+/-1,258	194,568	(X)
No health insurance coverage	5,582	+/-1,542	2.0%	+/-0.8

# ✍ Exercise 3b: Where is the URL to share a link to the table with a data user?

## 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

The screenshot shows a web browser window with the URL <https://data.census.gov/cedsci/table?g=05000000US26099&table=DP03&tid=ACSDP1Y2017.DP03&t=Health%20Insurance&...> circled in red. The page displays the 'SELECTED ECONOMIC CHARACTERISTICS' table for Macomb County, Michigan, with columns for Estimate, Margin of Error, Percent, and Percent Margin of Error. The table includes data for Employment Status, Population 16 years and over, In labor force, Civilian labor force, and Employed.

	Estimate	Margin of Error	Percent	Percent Margin of Error
EMPLOYMENT STATUS				
Population 16 years a...	708,577	+/-1,473	708,577	(X)
In labor force	450,961	+/-5,780	63.6%	+/-0.8
Civilian labor force	450,463	+/-5,749		
Employed	425,567	+/-6,125		

**FAQ: How do I save my results or search?**

[ask.census.gov/prweb/PRServletCustom?pyActivity=pyMobileSnapStart&ArticleID=KCP-5509](https://ask.census.gov/prweb/PRServletCustom?pyActivity=pyMobileSnapStart&ArticleID=KCP-5509)

# ✍ Exercise 3b: How can we edit our table view to show percent and percent MOE columns only?

The screenshot shows the U.S. Census Bureau website interface. At the top left is the 'United States Census Bureau' logo. A search bar is located at the top right. Below the logo, there are navigation tabs for 'ALL', 'TABLES', 'MAPS', and 'PAGES', with 'TABLES' selected. The main content area displays '1 Results' and a 'Filter | Download' link. The table title is 'SELECTED ECONOMIC CHARACTERISTICS' for 'Macomb County, Michigan'. The table includes columns for 'Estimate' and 'Margin of Error'. A red arrow points to a 'CUSTOMIZE TABLE' button in the top right corner of the table area.

	Estimate	Margin of Error
EMPLOYMENT STATUS		
Population 16 years a...	708,577	+/-1,473
In labor force	450,961	+/-5,780
Civilian labor force	450,463	+/-5,740

Navigate to the Customize Table view:

- Click **Customize Table** if you are still on the table results page

# ✍ Exercise 3b: How can we edit our table view to show percent and percent MOE columns only?

// Search / Tables / DP03  
**SELECTED ECONOMIC CHARACTERISTICS**  
Survey/Program: American Community Survey TableID: DP03 Product: 2017: ACS 1-Year Estimates Data Profiles

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

Macomb County, Michigan

**Filter / Sort** [HIDE]

HIDE/SHOW | FILTER | SORT

Modify rows  
 Modify columns

Search for column name ...

- All columns
- Macomb County, Michigan
  - Estimate
  - Margin of Error
  - Percent
  - Percent Margin of Error

## To hide columns in your table view:

- Select **Hide** from the table controls
- **Uncheck the boxes** next to:
  - **Estimate**
  - **Margin of Error**
- Click the **chevron** in the upper right

# ✍ Exercise 3b: How can we edit our table view to show percent and percent MOE columns only?

// Search / Tables / DP03

### SELECTED ECONOMIC CHARACTERISTICS

Survey/Program: American Community Survey TableID: DP03 Product: 2017: ACS 1-Year Estimates Data Profiles

Data Notes | 1 Geography | Years | 1 Topic | 1 Survey | Code | Hide | Filter | Sort | Transpose Table | Margin of Error | Restore Layout | More

	Macomb County, Michigan	
	Percent	Percent Margin of Error
EMPLOYMENT STATUS		
Population 16 years and...	708,577	(X)
In labor force	63.6%	+/-0.8
Civilian labor force	63.6%	+/-0.8
Employed	60.1%	+/-0.9
Unemployed	3.5%	+/-0.3
Armed Forces	0.1%	+/-0.1
Not in labor force	36.4%	+/-0.8

## Exercise 4: Downloading Tables

- How can we download table EC1231 from the 2012 Economic Census?
- How can we download tables B17001A and B17001B from the 2017 American Community Survey?

# ✍ Exercise 4a: How can we download table EC1231 from the 2012 Economic Census?

The screenshot shows the U.S. Census Bureau website interface. At the top, there is a search bar with 'EC1231' entered and a 'Search' button. Below the search bar, there are navigation tabs for 'ALL TABLES MAPS PAGES'. The main content area displays a list of 13 results for 'Manufacturing: Geographic Area Series: Industry Statistics for the States, Metropolitan and Micropolitan Statistical Areas, Counties, ...'. The first result is highlighted, and its details are shown in a table below. The table has columns for Geographic Area Name, NAICS economic sector, 2012 NAICS code, Meaning of 2012 NAICS code, Year, Percent estimated, Number of establishments, and Establishments to employees. The 'CUSTOMIZE TABLE' button is circled in red, and red arrows point to it from the instructions on the right.

Geographic Area Name	NAICS economic sector	2012 NAICS code	Meaning of 2012 NAICS code	Year	Percent estimated	Number of establishments	Establishments to employees
Alabama	31	31.00	Manufacturing	2012	1	4,281	
Alabama	31	311	Food manufacturing	2012	2	261	
Alabama	31	3111	Animal food manufact...	2012	1	25	
Alabama	31	31111	Animal food manufact...	2012	1	25	
Alabama	31	311111	Dog and cat food manu...	2012	0	4	
Alabama	31	311219	Other animal food man...	2012	1	21	
Alabama	31	3112	Grain and related mill...	2012	0	0	
Alabama	31	31121	Flour milling and mill...	2012	4	4	
Alabama	31	311211	Flour milling	2012	4	4	
Alabama	31	31122	Starch and vegetable fa...	2012	0	4	
Alabama	31	311224	Soybean and other oils...	2012	0	3	
Alabama	31	3113	Sugar and confectione...	2012	0	14	
Alabama	31	31135	Chocolate and chocola...	2012	6	11	
Alabama	31	311362	Confectionery manufac...	2012	6	11	
Alabama	31	3114	Fruit and vegetable pre...	2012	3	5	
Alabama	31	31141	Frozen food manufacto...	2012	3	4	
Alabama	31	311412	Frozen specialty food...	2012	2	3	
Alabama	31	3115	Dairy product manufact...	2012	0	7	
Alabama	31	31151	Dairy product except h...	2012	0	5	
Alabama	31	3116	Animal slaughtering an...	2012	2	74	
Alabama	31	31161	Animal slaughtering an...	2012	2	74	
Alabama	31	311611	Animal (except poultry)...	2012	3	23	

- Search EC1231
- Click CUSTOMIZE TABLE

# ✍ Exercise 4a: How can we download table EC1231 from the 2012 Economic Census?

Search / Tables / EC1231A1  
Manufacturing: Geographic Area Series: Industry Statistics for the States, Metropolitan and Micropolitan Statistical Areas, Counties, and Places: 2012  
Survey/Program: Economic Census TableID: EC1231A1 Year: 2012 Dataset: ECONAGC2012

Data Notes Geographies Years Topic Survey Code Hide Filter Sort Transpose Table Margins of Error Restore Defaults Download Print

Geographic Area Name	NAICS economic sector	2012 NAICS code	Meaning of 2012 NAICS code	Year	Percent estimated	Number of establishments	Establishments with 20 employees or more	Number of employees
Alabama	31	31.00	Manufacturing	2012	1	4,283	1,501	232,650
Alabama	31	311	Food manufacturing	2012	2	261	110	31,921
Alabama	31	3111	Animal food manufact...	2012	1	35	18	1,335
Alabama	31	31111	Animal food manufact...	2012	1	35	18	1,335
Alabama	31	213111	Dog and cat food manu...	2012	0	4	3	1
Alabama	31	213119	Other animal food man...	2012	1	31	15	1
Alabama	31	3112	Corn and related mill...	2012	0	8	6	620
Alabama	31	21521	Flour, milling and mal...	2012	8	4	2	77
Alabama	31	215211	Flour, milling	2012	4	4	2	77
Alabama	31	21522	Starch and vegetable fl...	2012	0	4	4	543
Alabama	31	215224	Soybeans and other ois...	2012	0	3	3	8
Alabama	31	3113	Sugar and confectioner...	2012	0	14	1	0
Alabama	31	21330	Chocolate and chocola...	2012	5	11	0	29
Alabama	31	213302	Confectioners manufac...	2012	6	11	0	29
Alabama	31	3114	Fruit and vegetable pro...	2012	3	5	3	8
Alabama	31	21341	Frozen food manufact...	2012	3	4	3	8
Alabama	31	213412	Frozen specialty food...	2012	2	3	2	8
Alabama	31	3115	Dairy product manufact...	2012	0	7	4	780
Alabama	31	21351	Dairy product (except fr...	2012	0	5	2	8
Alabama	31	3116	Animal slaughtering	2012	2	74	43	22,292
Alabama	31	31161	Animal slaughtering	2012	2	74	43	22,292

This is a default view. Add Filters. Close

- Click **Download** from the table controls



## ✍ Exercise 4a: How can we download table EC1231 from the 2012 Economic Census?

The screenshot shows the 'Download / Print / Share' section of the data portal. Under 'Select Table Vintages', the '2012' vintage is selected with a checkbox. Below this, the 'File Type' is set to 'CSV'. The 'What You're Getting' section lists: 1 .csv files (metadata), 1 .csv files (data), and 1 .txt files (table title). The 'Uncompressed Estimated Size' is 5.9 kB. A red circle highlights the 'DOWNLOAD' button.

Geographic Area Name	NAICS economic sector	2012 NAICS code	Meaning of 2012 NAICS code	Year	Percent estimated	Number of establishments	Establishments with 20 employees or more	Number of employees
Alabama	31	31.00	Manufacturing	2012	1	4,288	1,501	232,630
Alabama	31	311	Food manufacturing	2012	2	261	130	31,921
Alabama	31	3111	Animal food manufact...	2012	1	25	18	1,025
Alabama	31	31111	Animal food manufact...	2012	1	25	18	1,025

- Select the **Table Vintages (2012)**
- Click **DOWNLOAD** again.

✍ Exercise 4a: How can we download table EC1231 from the 2012 Economic Census?

The screenshot shows the U.S. Census Bureau website interface for table EC1231. The table title is "Manufacturing: Geographic Area Series: Industry Statistics for the States, Metropolitan and Micropolitan Statistical Areas, Counties, and Places: 2012". The table has columns for Geographic Area Name, NAICS economic sector, 2012 NAICS code, Mapping of 2012 NAICS code, Year, Percent estimated, Number of establishments, Establishments with 20 employees or more, and Number of employees. A modal dialog box is open over the table, displaying "We're preparing your files." with a progress bar at 100% and a "Download Now" button circled in red. A red arrow points from the "Download Now" button in the dialog to a text box on the right.

Geographic Area Name	NAICS economic sector	2012 NAICS code	Mapping of 2012 NAICS code	Year	Percent estimated	Number of establishments	Establishments with 20 employees or more	Number of employees
Alabama	31	3100	Manufacturing	2012	1	4,283	1,501	252,680
Alabama	31	311	Food manufacturing	2012	2	261	116	51,921
Alabama	31	3111	Animal food manufact...	2012	1	50	18	1,200
Alabama	31	31111	Animal food manufact...	2012	1	26	18	1,200
Alabama	31	311231	Dog and cat...	2012	1	4	3	1
Alabama	31	311239	Other anim...	2012	1	31	15	1
Alabama	31	3112	Grain and oil...	2012	0	6	6	620
Alabama	31	31121	Flour milling	2012	4	2	2	77
Alabama	31	311211	Flour milling	2012	4	2	2	77
Alabama	31	31120	Starch and vegetable la...	2012	0	4	4	541
Alabama	31	311204	Soybean and other oil...	2012	0	3	3	4
Alabama	31	3113	Sugar and confectioner...	2012	0	14	1	1
Alabama	31	31135	Chocolate and chocola...	2012	6	11	0	29
Alabama	31	311352	Confectionery manufac...	2012	6	10	0	29
Alabama	31	3114	Fruit and vegetable pro...	2012	3	6	6	0
Alabama	31	31141	Frozen food manufactu...	2012	3	4	0	0
Alabama	31	311412	Frozen specialty food...	2012	2	3	2	0
Alabama	31	3115	Dairy product manufact...	2012	0	7	4	790
Alabama	31	31151	Dairy product, except fr...	2012	0	5	2	4
Alabama	31	3116	Animal slaughtering an...	2012	2	74	43	22,262
Alabama	31	31161	Animal slaughtering an...	2012	2	74	43	22,262

- Click the **Download Now** button

# ✍ Exercise 4a: How can we download table EC1231 from the 2012 Economic Census?

United States Census Bureau

EC1231

Manufacturing: Geographic Area Series: Industry Statistics for the States, Metropolitan and Micropolitan Statistical Areas, Counties, and Places: 2012

Survey/Program: Economic Census TableID: EC1231A1 Year: 2012 Dataset: ECNSA9C2012

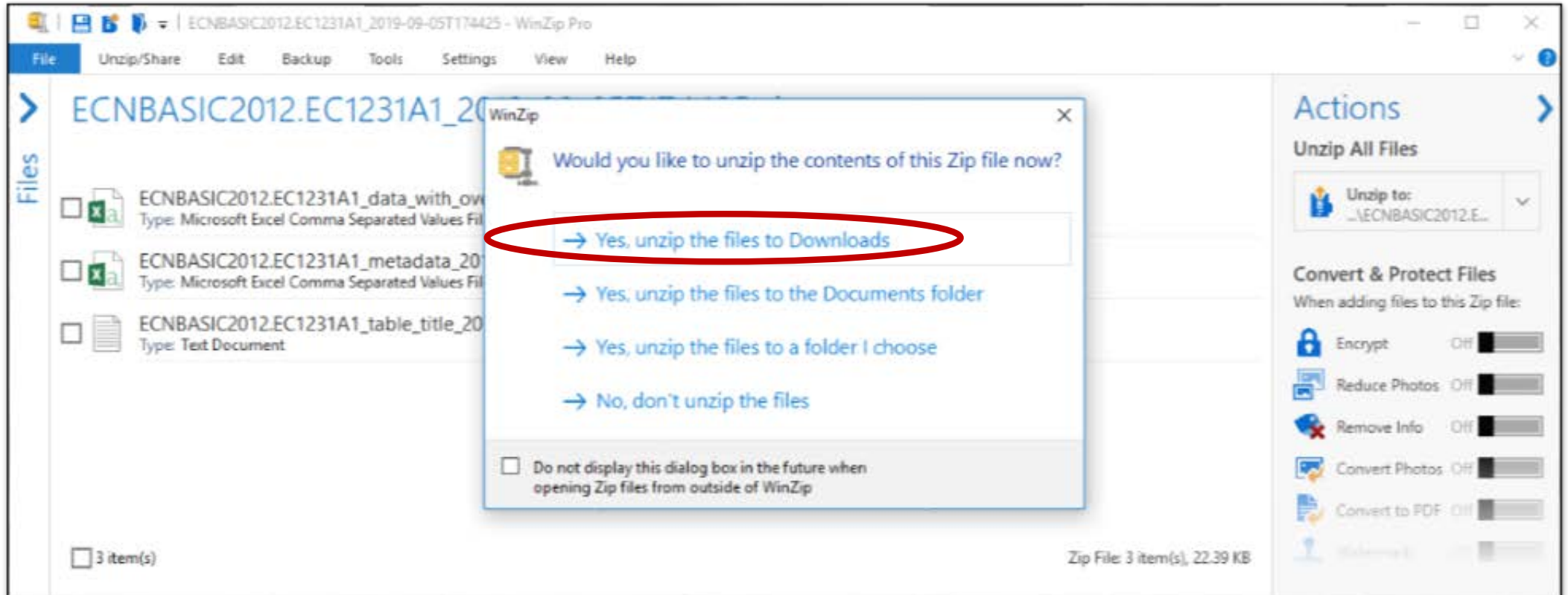
Download Print Share More Data Map

Geographic Area Name	NAICS economic sector	2012 NAICS code	Mixing of 2012 NAICS code	Year	Percent estimated	Number of establishments	Establishments with 20 employees or more	Number of employees
Alabama	31	31-20	Manufactures	2012	1	4,283	1,501	232,600
Alabama	31	311	Food manufacturing	2012	2	261	110	31,921
Alabama	31	3111	Animal food manufact...	2012	1	25	10	1,335
Alabama	31	31111	Animal food manufact...	2012	1	25	10	1,335
Alabama	31	311111	Dog and cat food man...	2012	0	4	3	f
Alabama	31	311119	Other animal food man...	2012	1	21	10	f
Alabama	31	3112	Grain and oilseed mill...	2012	0	8	6	620
Alabama	31	31121	Flour milling and mill...	2012	4	4	2	77
Alabama	31	311211	Flour milling	2012	4	4	2	77
Alabama	31	31122	Starch and vegetable fa...	2012	0	4	4	543
Alabama	31	31124	Soybean and other oil...	2012	0	3	3	e
Alabama	31	3113	Sugar and confectione...	2012	0	14	1	c
Alabama	31	31135	Chocolate and chocola...	2012	6	11	0	29
Alabama	31	311352	Confectionery manufac...	2012	6	11	0	29
Alabama	31	3114	Fruit and vegetable pro...	2012	3	5	3	g
Alabama	31	31141	Frozen food manufact...	2012	3	4	3	g
Alabama	31	311412	Frozen specialty food...	2012	2	3	2	g
Alabama	31	3115	Dairy product manufact...	2012	0	7	4	730
Alabama	31	31151	Dairy product (except b...	2012	0	5	2	e

ECNSA9C2012.EC1...

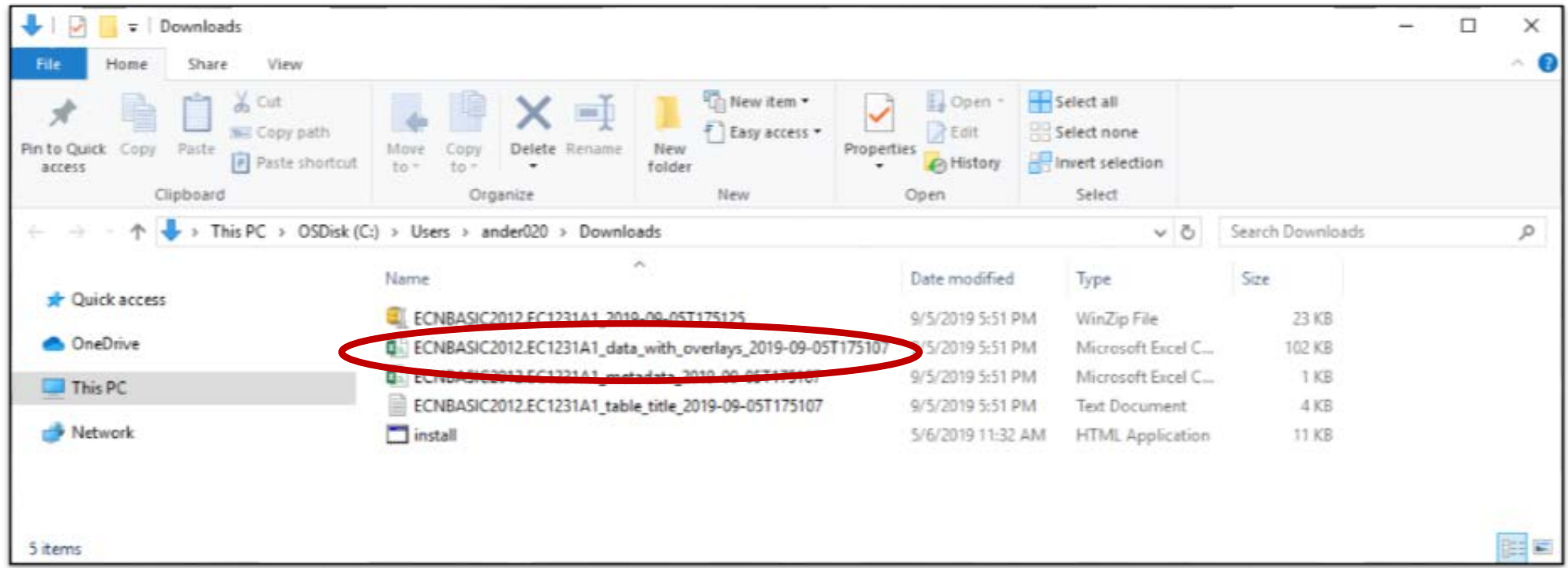
Click the tab in the lower left corner to unzip the file.

✍ Exercise 4a: How can we download table EC1231 from the 2012 Economic Census?



Select where you would like the files to be unzipped.

# ✍ Exercise 4a: How can we download table EC1231 from the 2012 Economic Census?



Three downloaded files appear along with the zip file. Click the file, ECNBASIC2012.EC1231A1\_data\_with\_overlays\_2019-09-05T175107

# ✍ Exercise 4a: How can we download table EC1231 from the 2012 Economic Census?

1	NAICS201	CEXTOT	RCPTOT	YEAR	CSTMTOT	VALADD	RCPTOT	SUBJECTC	EMPAV	PAYANN	GEO_TTL	SECTOR	EMP	NAICS201	GEO_ID	INDLEVEL	ECTGE20	INDGROU	ESTAB	HOURS	NAICS201	PAYANN	YEAR_TTL
2	Meaning of	Total capi	Percent o	Year	Total cost	Value add	Value of s	SUBJECTC	Nonlease	Productio	Geograph	NAICS ecc	Number o	2012 NAICS id	Industry l	Establishe	Industry g	Number o	Productio	2012 NAICS	Annual pa	Meaning of	
3	Manufact	4074287	1	2012	79061668	45798257	1.25E+08	null	175971	7194517	Alabama	31	232650	11-33	04000000	2	1501	null	4283	357518	null	11099485	Reference Y
4	Food man	228405	2	2012	7804554	3555685	11300418	311	26500	650350	Alabama	31	31921	311	04000000	3	110	null	261	49089	null	921136	Reference Y
5	Animal fo	19797	1	2012	1276816	279586	D	311	838	34189	Alabama	31	1335	3111	04000000	4	18	3111	85	1768	null	58784	Reference Y
6	Animal fo	19797	1	2012	1276816	279586	D	311	838	34189	Alabama	31	1335	31111	04000000	5	18	3111	35	1768	null	58784	Reference Y
7	Dog and c	D	0	2012	D	D	D	311	D	D	Alabama	31	f	311111	04000000	6	3	3111	4	D	null	D	Reference Y
8	Other ani	D	1	2012	D	D	D	311	D	D	Alabama	31	f	311119	04000000	6	15	3111	31	D	null	D	Reference Y
9	Grain and	6820	0	2012	1639887	318763	D	311	479	24601	Alabama	31	620	3112	04000000	4	6	3112	8	1089	null	32887	Reference Y
10	Flour mill	1793	4	2012	161569	33774	D	311	55	3028	Alabama	31	77	31121	04000000	5	2	3112	4	118	null	4836	Reference Y
11	Flour mill	1793	4	2012	161569	33774	D	311	55	3028	Alabama	31	77	311211	04000000	6	2	3112	4	118	null	4836	Reference Y
12	Starch anc	3627	0	2012	1478318	284989	D	311	424	21575	Alabama	31	343	31122	04000000	5	4	3112	4	971	null	28051	Reference Y
13	Soybean z	D	0	2012	D	D	D	311	D	D	Alabama	31	e	311224	04000000	6	3	3112	3	D	null	D	Reference Y
14	Sugar and	D	0	2012	D	D	D	311	D	D	Alabama	31	c	3113	04000000	4	1	3113	14	D	null	D	Reference Y
15	Chocolate	D	6	2012	D	D	D	311	D	D	Alabama	31	29	31135	04000000	5	0	3113	11	D	null	D	Reference Y
16	Confectio	D	6	2012	D	D	D	311	D	D	Alabama	31	29	311352	04000000	6	0	3113	11	D	null	D	Reference Y
17	Fruit and	D	3	2012	D	D	D	311	D	D	Alabama	31	g	3114	04000000	4	3	3114	5	D	null	D	Reference Y
18	Frozen fo	D	3	2012	D	D	D	311	D	D	Alabama	31	g	31141	04000000	5	3	3114	4	D	null	D	Reference Y
19	Frozen sp	D	2	2012	D	D	D	311	D	D	Alabama	31	g	311412	04000000	6	2	3114	3	D	null	D	Reference Y
20	Dairy proc	D	0	2012	344828	145182	190136	311	D	D	Alabama	31	780	3115	04000000	4	4	3115	7	1060	null	D	Reference Y
21	Dairy proc	D	0	2012	D	D	D	311	D	D	Alabama	31	e	31151	04000000	5	2	3115	5	D	null	D	Reference Y
22	Animal sla	84600	2	2012	3296738	1980183	5233656	311	19820	438621	Alabama	31	22292	3116	04000000	4	43	3116	74	35340	null	549220	Reference Y
23	Animal sla	84600	2	2012	3296738	1980183	5233656	311	19820	438621	Alabama	31	22292	31161	04000000	5	43	3116	74	35340	null	549220	Reference Y
24	Animal (e	1559	3	2012	138447	31811	170630	311	D	5172	Alabama	31	248	311611	04000000	6	3	3116	23	345	null	7329	Reference Y
25	Meat proc	D	2	2012	D	D	D	311	421	10400	Alabama	31	509	311612	04000000	6	5	3116	11	797	null	17675	Reference Y
26	Rendering	D	4	2012	D	D	D	311	D	5915	Alabama	31	240	311613	04000000	6	3	3116	6	279	null	11822	Reference Y
27	Poultry pr	55517	2	2012	3000487	1837761	4794648	311	19060	415134	Alabama	31	21295	311615	04000000	6	32	3116	34	33919	null	512394	Reference Y
28	Sexfood s	3764	1	2012	118146	48550	164645	311	635	10417	Alabama	31	787	3117	04000000	4	7	3117	17	1071	null	20031	Reference Y

The following data file appears.



# Exercise 4b: How can we download tables B17001A and B17001B from the 2017 ACS?

The screenshot shows the Census Bureau website search results for the query 'b17'. The search bar at the top right contains 'b17' and a search button. Below the search bar, there are navigation tabs for 'ALL', 'TABLES', 'MAPS', and 'PAGES'. The search results show 'About 100 results | Filter' and a 'Tables' section. The first table is titled 'POVERTY STATUS IN THE PAST 12 MONTHS BY SEX BY AGE' with survey details: 'Survey/Program: American Community Survey' and 'Years: 2017,2016,2015,2014,2013,2012,2011,2010'. The table ID is 'Table: B17001'. The table data is as follows:

	United States	
	Estimate	Margin of Error
▼ Total:	317,741,588	+/-22,450
▼ Income in the past 12 months below poverty level:	42,583,651	+/-241,032
▼ Male:	19,004,547	+/-118,098
Under 5 years	2,021,014	+/-30,371
5 years	364,686	+/-11,062
6 to 11 years	2,362,098	+/-34,404

Below this table, there are two more table entries: 'POVERTY STATUS IN THE PAST 12 MONTHS BY SEX BY AGE (WHITE ALONE)' with Table: B17001A and 'POVERTY STATUS IN THE PAST 12 MONTHS BY SEX BY AGE (BLACK OR AFRICAN AMERICAN ALONE)' with Table: B17001B. A 'Send Feedback' link is visible at the bottom left.

- Using the Single Search bar, search 'b17'
- Click on table B17001A

✍ Exercise 4b: How can we download tables B17001A and B17001B from the 2017 ACS?

United States Census Bureau

Search: b17

ALL TABLES MAPS PAGES

50 Results Filter | Download

**POVERTY STATUS IN THE PAST 12 MONTHS BY SEX BY AGE (WHITE ALONE)**  
 Survey/Program: American Community Survey  
 Product: 2017: ACS 1-Year Estimates Detailed Tables  
 TableID: B17001A  
 Universe: White alone population for whom poverty status is determined

**United States**

	Estimate	Margin of Error
▼ Total:	230,282,950	+/-124,008
▼ Income in the past 12 months below poverty level:	25,668,489	+/-171,386
▼ Male:	11,444,964	+/-87,613
Under 5 years	1,075,530	+/-20,415
5 years	196,849	+/-8,426
6 to 11 years	1,251,610	+/-22,099
12 to 14 years	562,527	+/-13,242
15 years	188,570	+/-7,901
16 and 17 years	376,216	+/-10,552
18 to 24 years	1,630,838	+/-24,446
25 to 34 years	1,337,490	+/-21,355
35 to 44 years	1,122,729	+/-19,611
45 to 54 years	1,166,251	+/-20,695
55 to 64 years	1,353,982	+/-15,826
65 to 74 years	696,200	+/-12,614

- Click on Download





# Exercise 4b: How can we download tables B17001A and B17001B from the 2017 ACS?

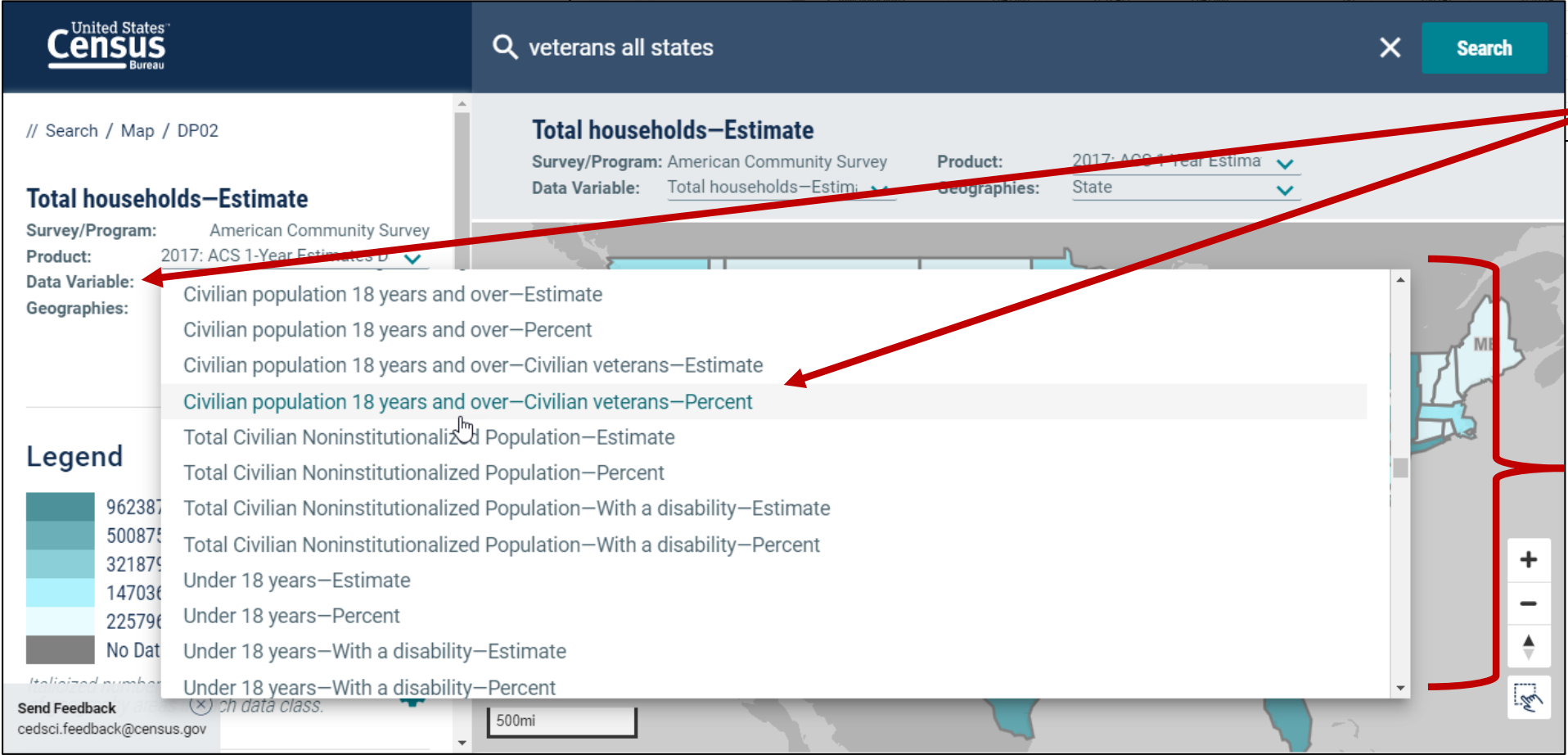
- Check the box next to tables B17001A and B17001B
- Click 'Download Selected (2)'
- Make sure the 2017 boxes are checked
- Hit the DOWNLOAD button
- Continue with the same download procedure

The screenshot shows the 'United States Census Bureau' interface. The search bar contains 'b17'. The main content area displays 'POVERTY STATUS IN THE PAST 12 MONTHS BY SEX BY AGE (WHITE ALONE)'. Below this, there are three table selection options, each with a checkbox. The first two are checked: 'POVERTY STATUS IN THE PAST 12 MONTHS BY SEX BY AGE (WHITE ALONE)' (Table: B17001A) and 'POVERTY STATUS IN THE PAST 12 MONTHS BY SEX BY AGE (BLACK OR AFRICAN AMERICAN ALONE)' (Table: B17001B). A 'Download Selected (2)' button is visible. Below the table selection, there is a 'Download / Print / Share' section with a 'DOWNLOAD' button highlighted. A 'Select Table Vintages' table is shown with columns for years from 2010 to 2017. The '2017' column has checkboxes checked for the selected tables. At the bottom right, there is a 'DOWNLOAD' button and an 'Uncompressed Estimated Size: 53.4 kB' label.



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# Mapping



- 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 5 – Creating a Map, and Viewing Geographic Comparison Table (GCT)

- You'd like to map the percent of people without health insurance across all counties in MD using the ACS 5-Year Data Profiles. How can you create a map and see which county has the highest percent uninsured?
- You want to view your own Geographic Comparison Table (GCT) to see percent uninsured in a table view. How can you do this from the customize map view?

✍ Exercise 5a – You’d like to map the percent of people without health insurance across all counties in MD. How can you create a map and see which county has the highest percent uninsured?

To find the percent of people without health insurance across all counties in MD:

- Using the Single Search bar, search ‘health insurance all counties in Maryland’.
- Use table DP03

United States Census Bureau

health insurance all counties in Maryland

SELECTED ECONOMIC CHARACTERISTICS  
Survey/Program: American Community Survey  
TableID: DP03

Product: 2017: ACS 5-Year Estimates Data Profiles

83 Results Filter | Download

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

PUBLIC HEALTH INSURANCE COVERAGE BY TYPE AND SELECTED CHARACTERISTICS  
Survey/Program: American Community Survey  
Years: 2017,2016,2015  
Table: S2704

PUBLIC HEALTH INSURANCE STATUS BY SEX BY AGE  
Survey/Program: American Community Survey  
Years: 2017,2016,2015,2014,2013,2012,2011,2010  
Table: B27003

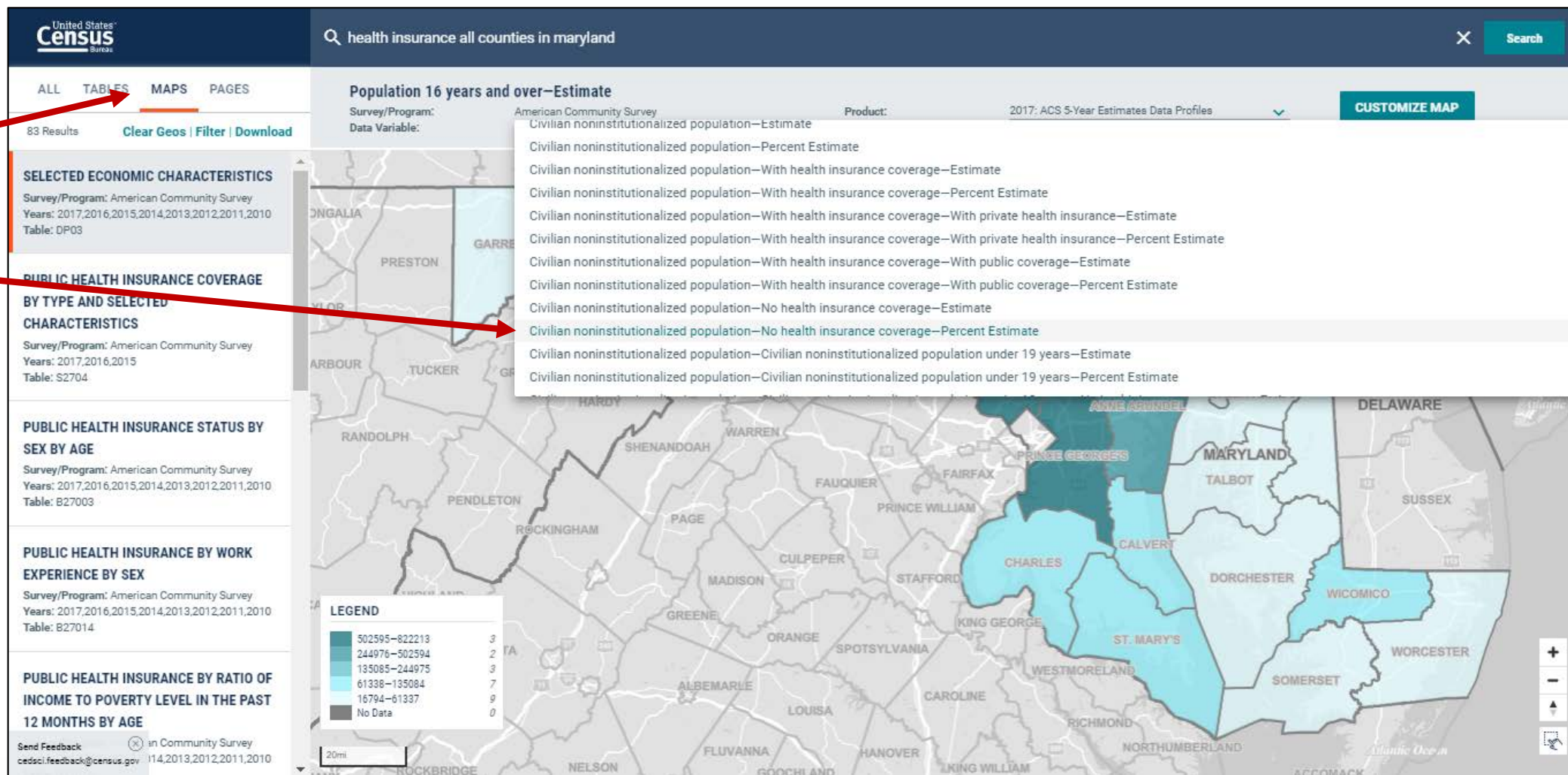
PUBLIC HEALTH INSURANCE BY WORK EXPERIENCE BY SEX  
Survey/Program: American Community Survey  
Years: 2017,2016,2015,2014,2013,2012,2011,2010  
Table: B27014

PUBLIC HEALTH INSURANCE BY RATIO OF INCOME TO POVERTY LEVEL IN THE PAST 12 MONTHS BY AGE  
Send Feedback  
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	Talbot County, Maryland				Harford County, Maryland	
	Estimate	Margin of Error	Percent	Percent Margin of Error	Estimate	Margin of Error
Median nonfamily income (dollars)	34,822	+/-5,019	(X)	(X)	45,839	+/-2,298
Mean nonfamily income (dollars)	59,463	+/-8,642	(X)	(X)	58,623	+/-2,453
Median earnings for workers (dolla...	33,605	+/-2,230	(X)	(X)	44,063	+/-1,078
Median earnings for male full-time,...	52,702	+/-2,710	(X)	(X)	68,337	+/-1,652
Median earnings for female full-ti...	42,171	+/-2,906	(X)	(X)	51,610	+/-1,148
HEALTH INSURANCE COVERAGE						
Civilian noninstitutionalized popula...	37,054	+/-170	37,054	(X)	247,295	+/-384
With health insurance coverage	34,757	+/-380	93.8%	+/-0.9	237,596	+/-949
With private health insurance	27,575	+/-690	74.4%	+/-1.9	203,969	+/-1,841
With public coverage	15,632	+/-647	42.2%	+/-1.7	70,161	+/-1,616
No health insurance coverage	2,297	+/-346	6.2%	+/-0.9	9,699	+/-873
Civilian noninstitutionalized popula...	7,310	+/-151	7,310	(X)	60,143	+/-287
No health insurance coverage	183	+/-94	2.5%	+/-1.3	1,440	+/-311
Civilian noninstitutionalized popula...	19,915	+/-178	19,915	(X)	150,475	+/-394
In labor force:	16,285	+/-384	16,285	(X)	124,775	+/-972
Employed:	15,539	+/-419	15,539	(X)	118,843	+/-1,085
With health insurance covera...	13,969	+/-470	89.9%	+/-1.8	113,841	+/-1,141

✍ Exercise 5a – You’d like to map the percent of people without health insurance across all counties in MD. How can you create a map and see which county has the highest percent uninsured?

- Select the ‘MAPS’ tab
- Select ‘Data Variable’ and choose ‘Civilian noninstitutionalized population—No health insurance coverage—Percent Estimate’



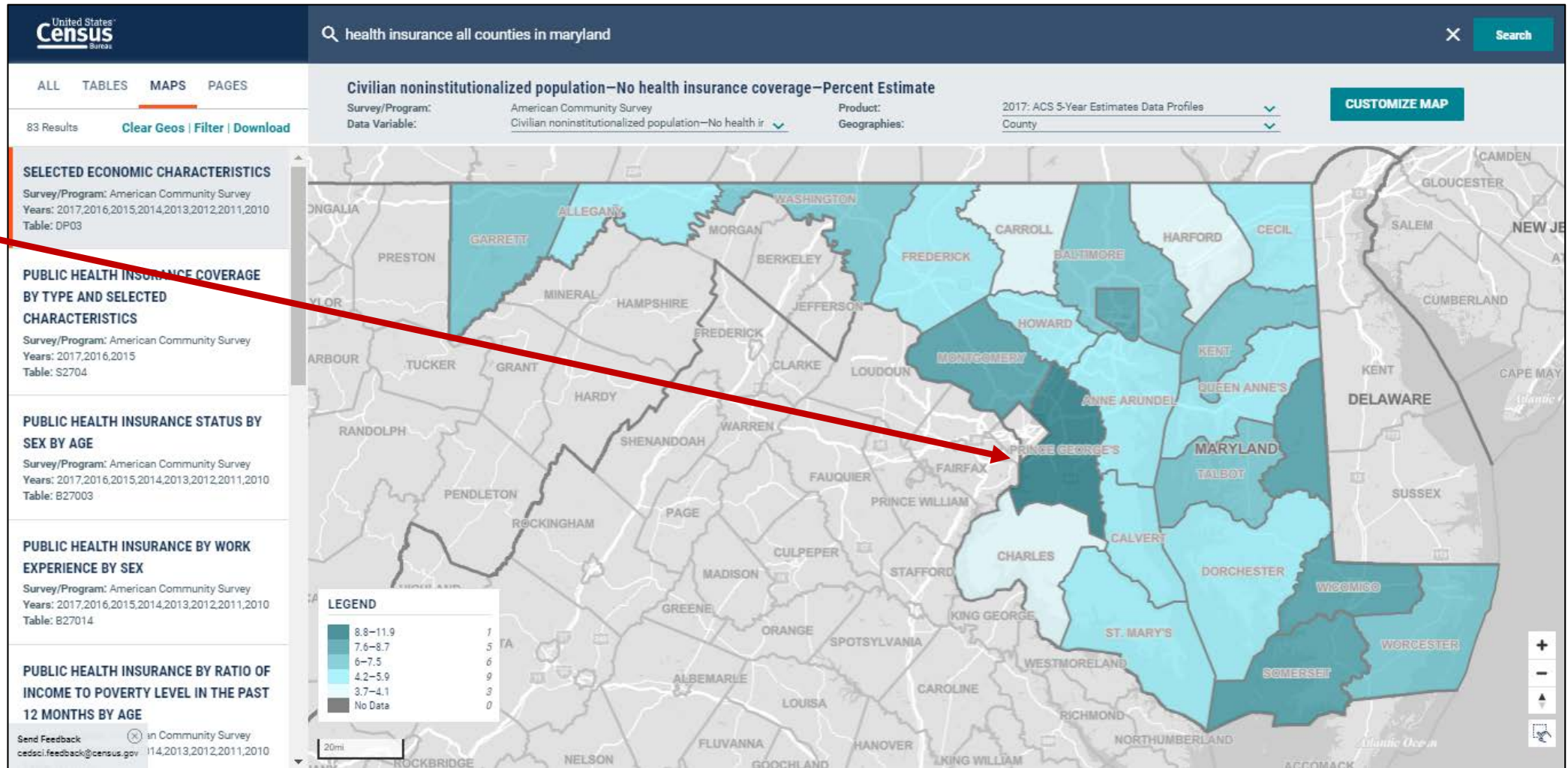
Exercise 5a – You'd like to map the percent of people without health insurance across all counties in MD. How can you build upon your search to create this map and see which county has the highest percent uninsured?

### From the Map View

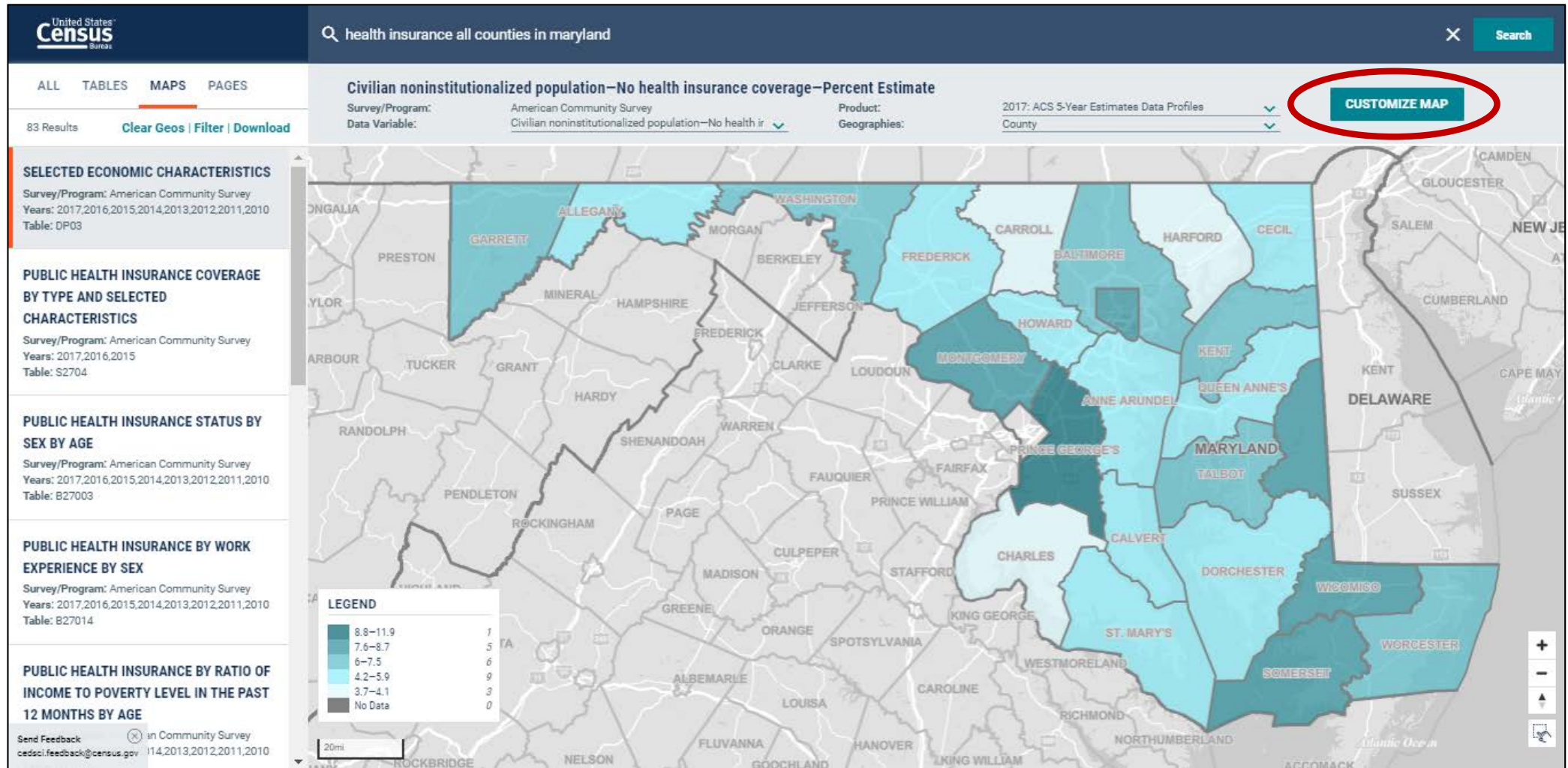
- Click on the county with the darkest shade of blue to see the county with the highest percent of people without health insurance

ANSWER:

Prince George's county



✍ Exercise 5b – You want to view your own Geographic Comparison Table (GCT) to see percent uninsured in a table view. How can you do this from the customize map view?



- Select the CUSTOMIZE MAP button

✍ Exercise 5b –You want to view your own Geographic Comparison Table (GCT) to see percent uninsured in a table view. How can you do this from the customize map view?

The screenshot shows the United States Census Bureau's interactive map tool. The search bar contains "health insurance all counties in maryland". The map displays Maryland counties with a legend for "Civilian noninstitutionalized population—No health insurance coverage—Percent Estimate". The legend categories are: 8.8–11.9 (7 areas), 7.6–8.7 (5 areas), 6–7.5 (6 areas), 4.2–5.9 (9 areas), 3.7–4.1 (3 areas), and No Data (0 areas). The "Map Table" view shows the following data:

Geography	Civilian noninstitutionalized population—No health insurance coverage—Percent Estimate
Talbot County, Maryland	6.2
Harford County, Maryland	3.9
Allentown County, Maryland	5.9
Calvert County, Maryland	5.3
Howard County, Maryland	4.8
Prince George's County, Maryland	11.9
Anne Arundel County, Maryland	5.4

Buttons for "VIEW TABLE" and "GO TO FULL TABLE" are visible. A red arrow points from the "VIEW TABLE" button to the "GO TO FULL TABLE" button.

- Select the VIEW TABLE button
- If you would like to view the full table, select the GO TO FULL TABLE button



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