How to Use data.census.gov

Great Plains IDeA-CTR
Clinical Research Design, Epidemiology and Biostatistics (CRDEB) KCA

University of Nebraska Medical Center

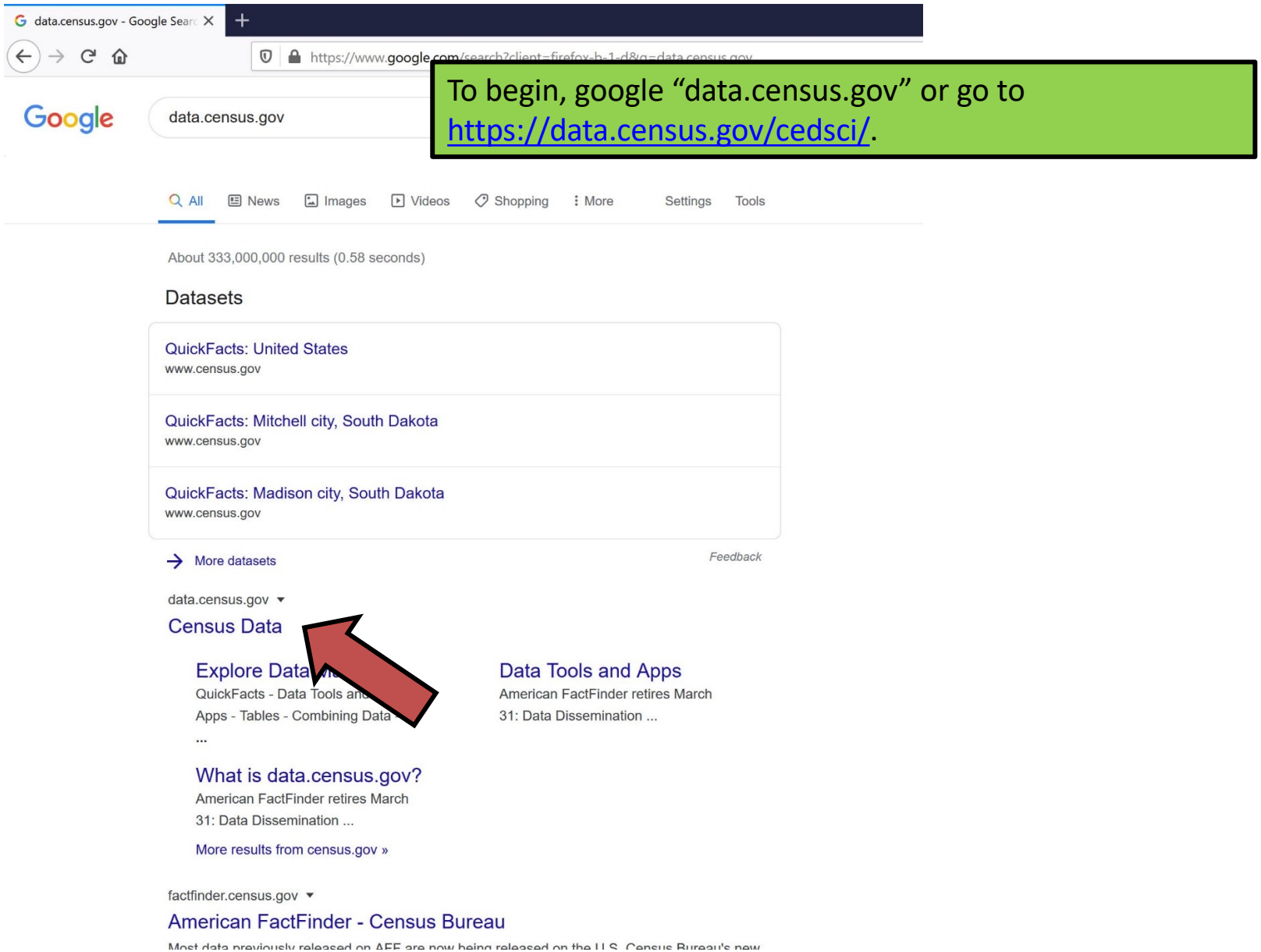
data.census.gov

Objectives of this module

- Extract U.S. Census data through the census data website

This module will show you how to:

- Create a customized search for census data tables using specific selection criteria (e.g. geographies, topics, etc.)
- Modify tables to your specifications
- Download modified tables for later use


data.census.gov - Google Sear
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About 333,000,000 results (0.58 seconds)
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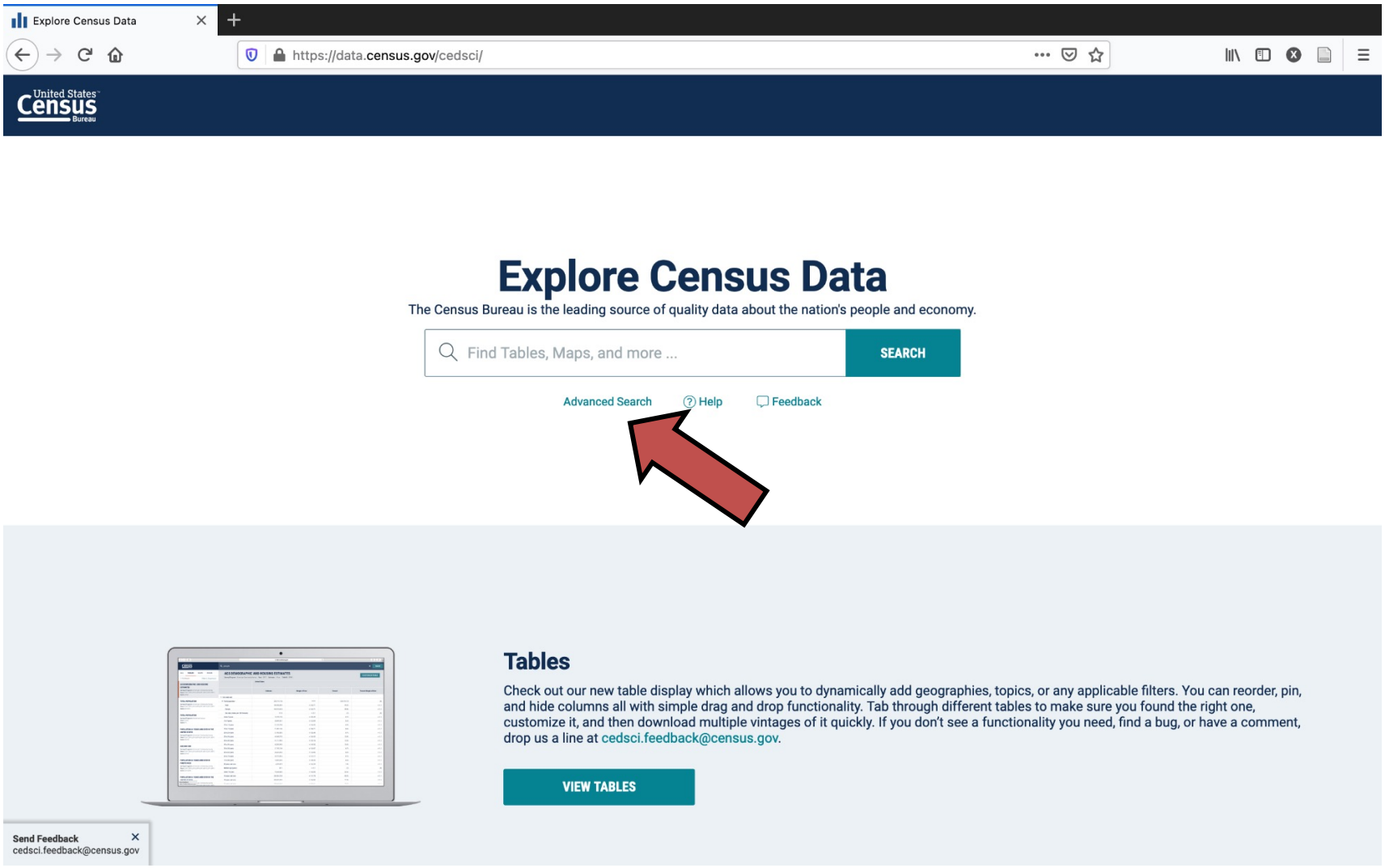
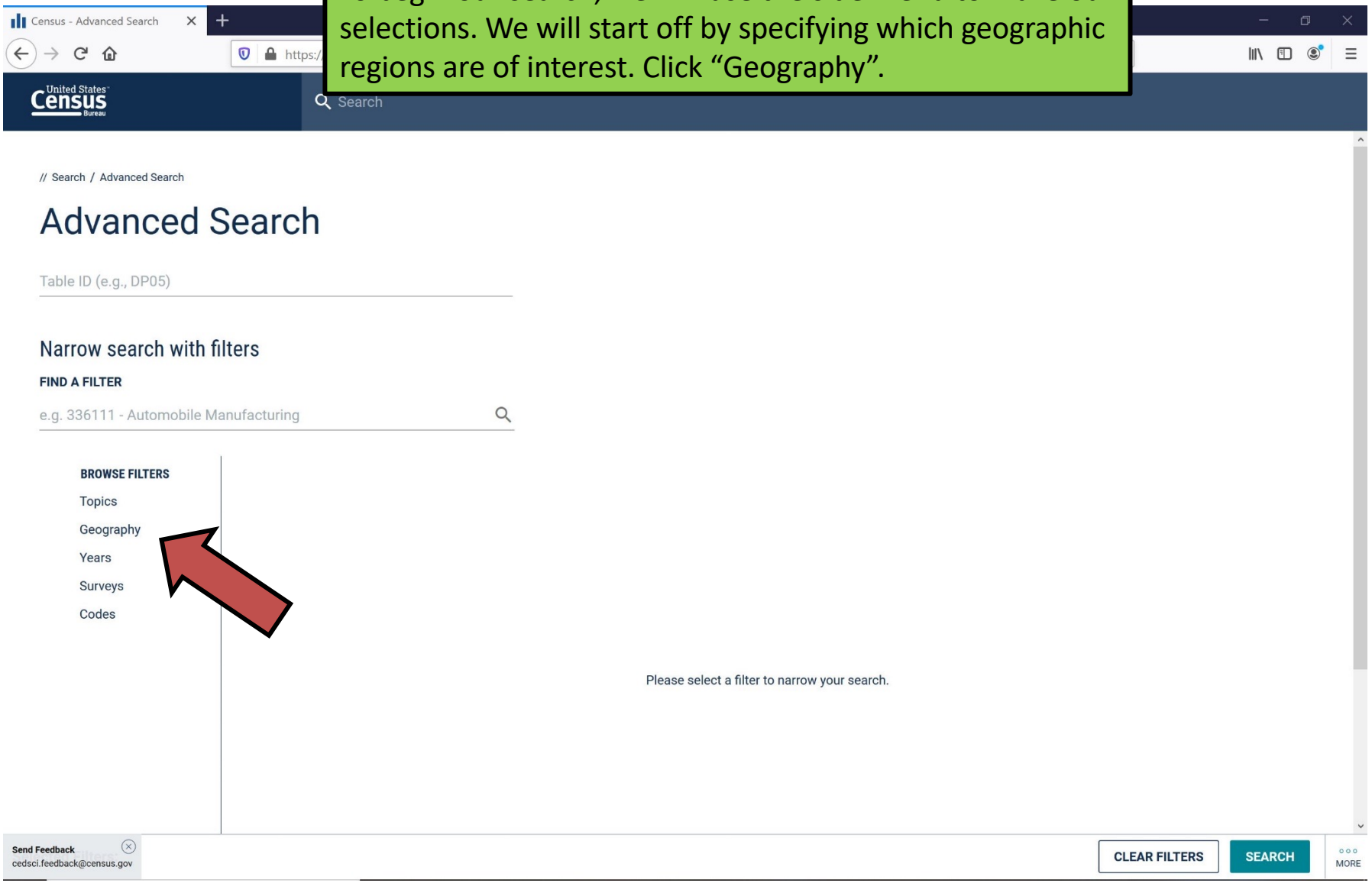
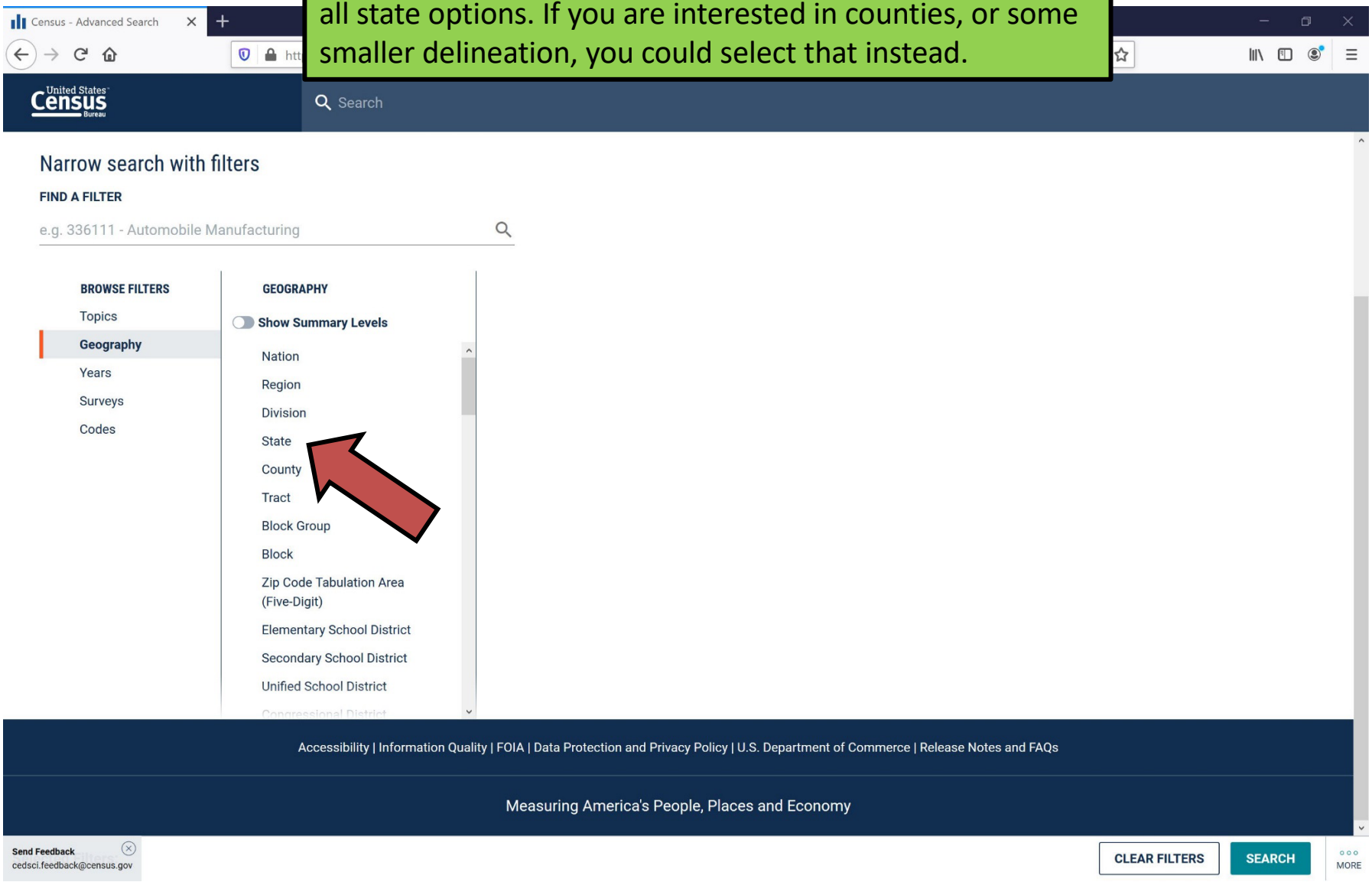
On the Explore Census Data homepage, click “Advanced Search”.



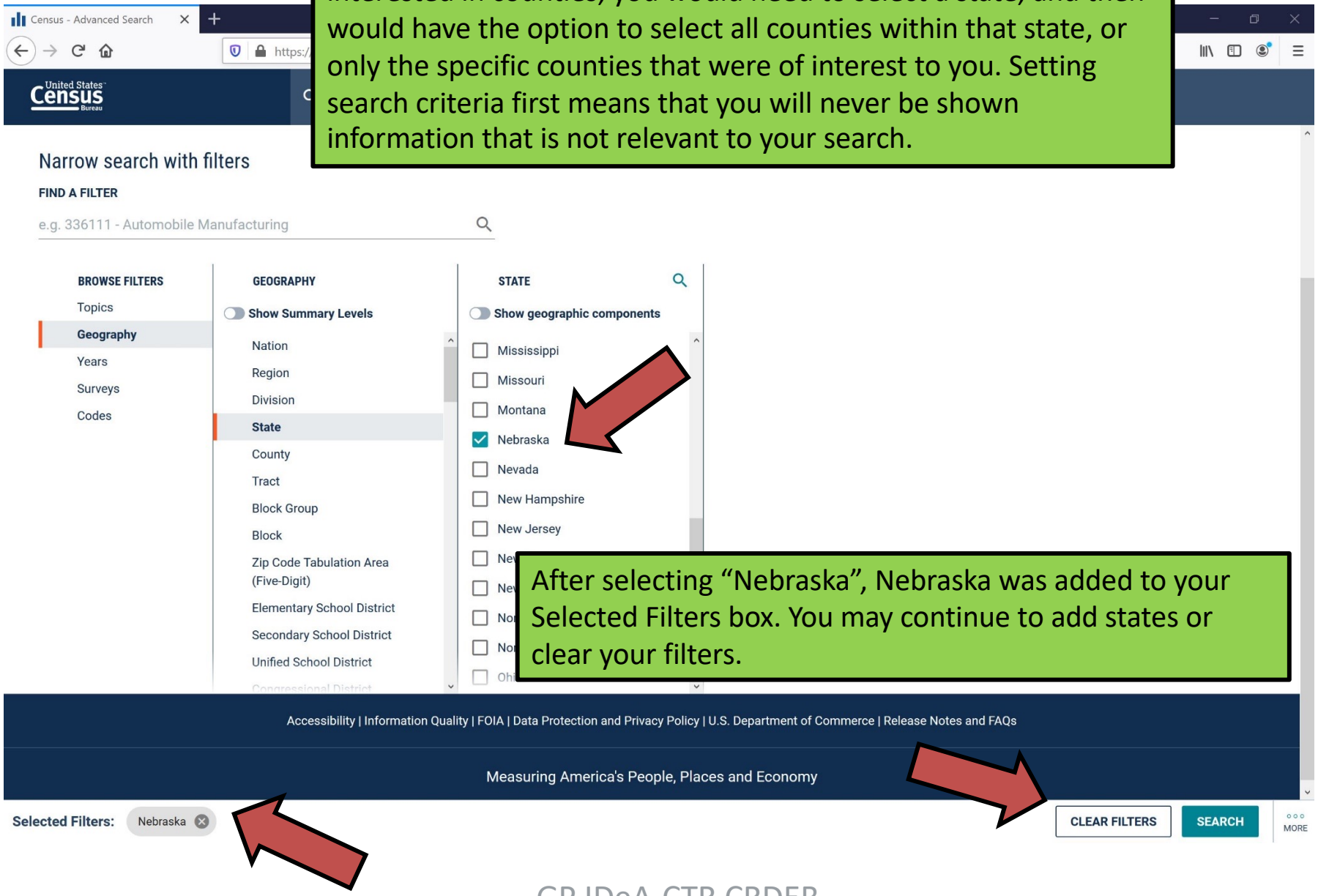
To begin our search, we will use the side menu to make our selections. We will start off by specifying which geographic regions are of interest. Click “Geography”.



For this example, we will select “State”, which will display all state options. If you are interested in counties, or some smaller delineation, you could select that instead.

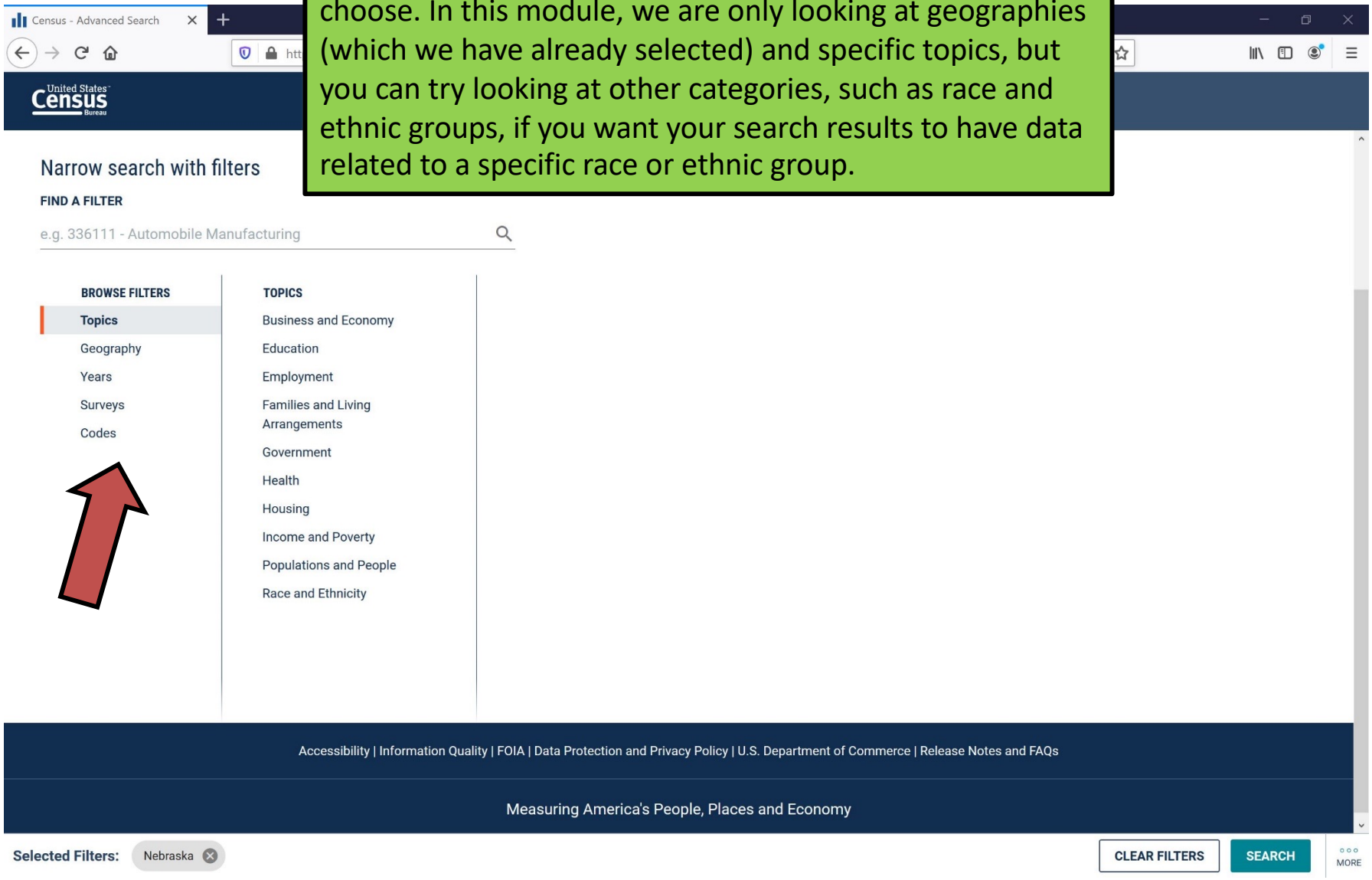


From the state options, click one you are interested in. If you were interested in counties, you would need to select a state, and then would have the option to select all counties within that state, or only the specific counties that were of interest to you. Setting search criteria first means that you will never be shown information that is not relevant to your search.

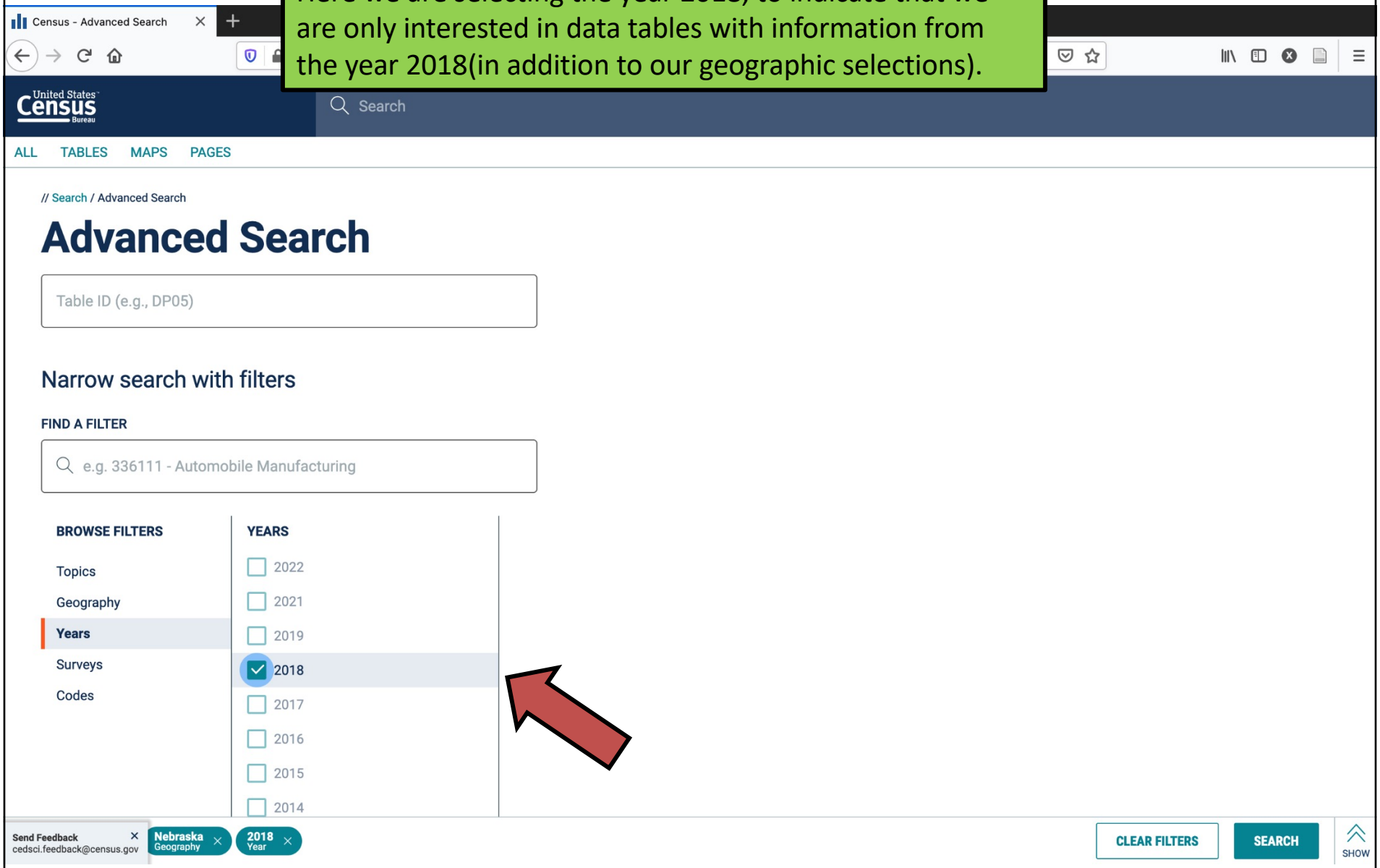


After selecting “Nebraska”, Nebraska was added to your Selected Filters box. You may continue to add states or clear your filters.

There are multiple selection criteria from which you can choose. In this module, we are only looking at geographies (which we have already selected) and specific topics, but you can try looking at other categories, such as race and ethnic groups, if you want your search results to have data related to a specific race or ethnic group.

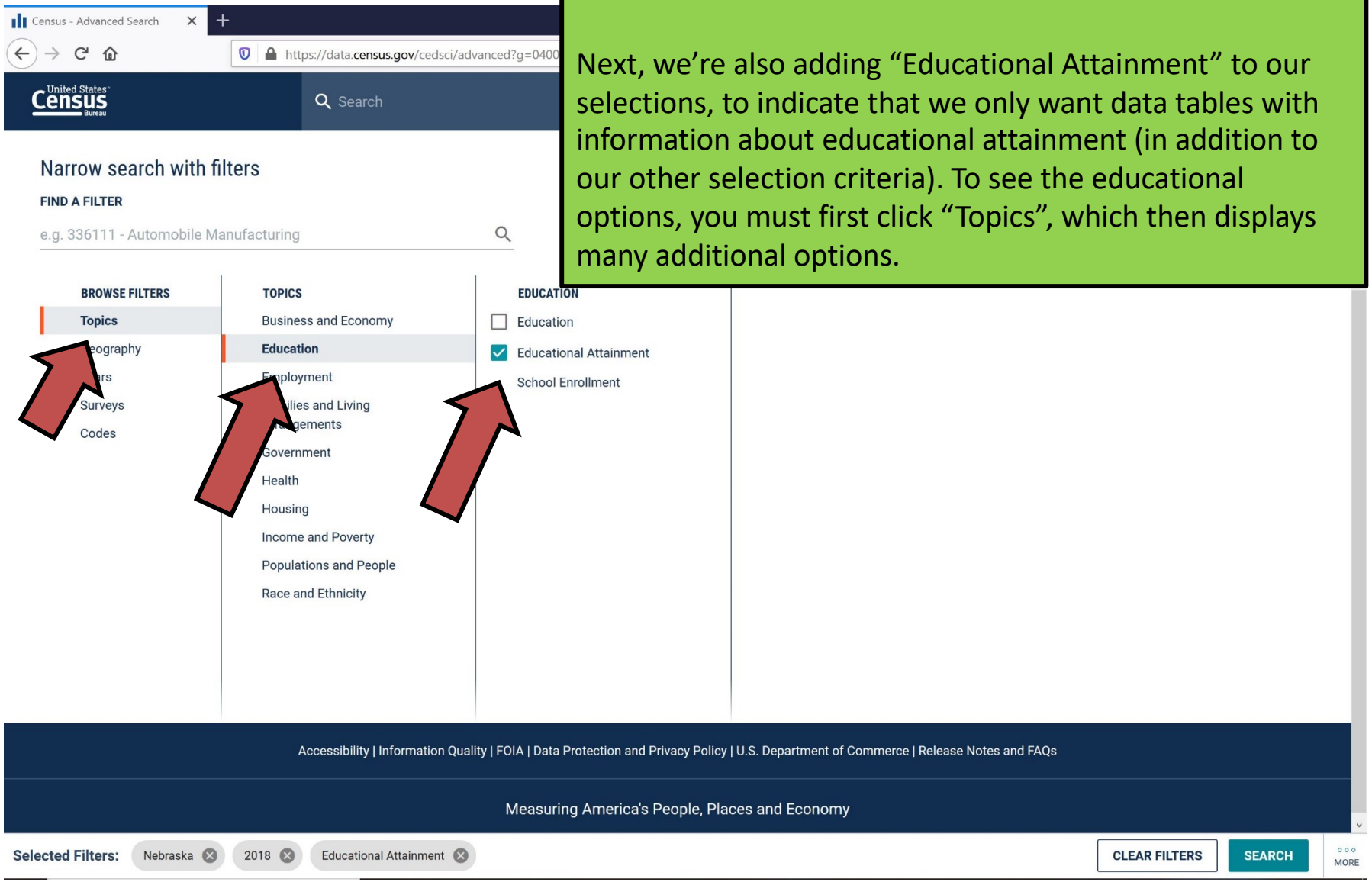


Here we are selecting the year 2018, to indicate that we are only interested in data tables with information from the year 2018(in addition to our geographic selections).

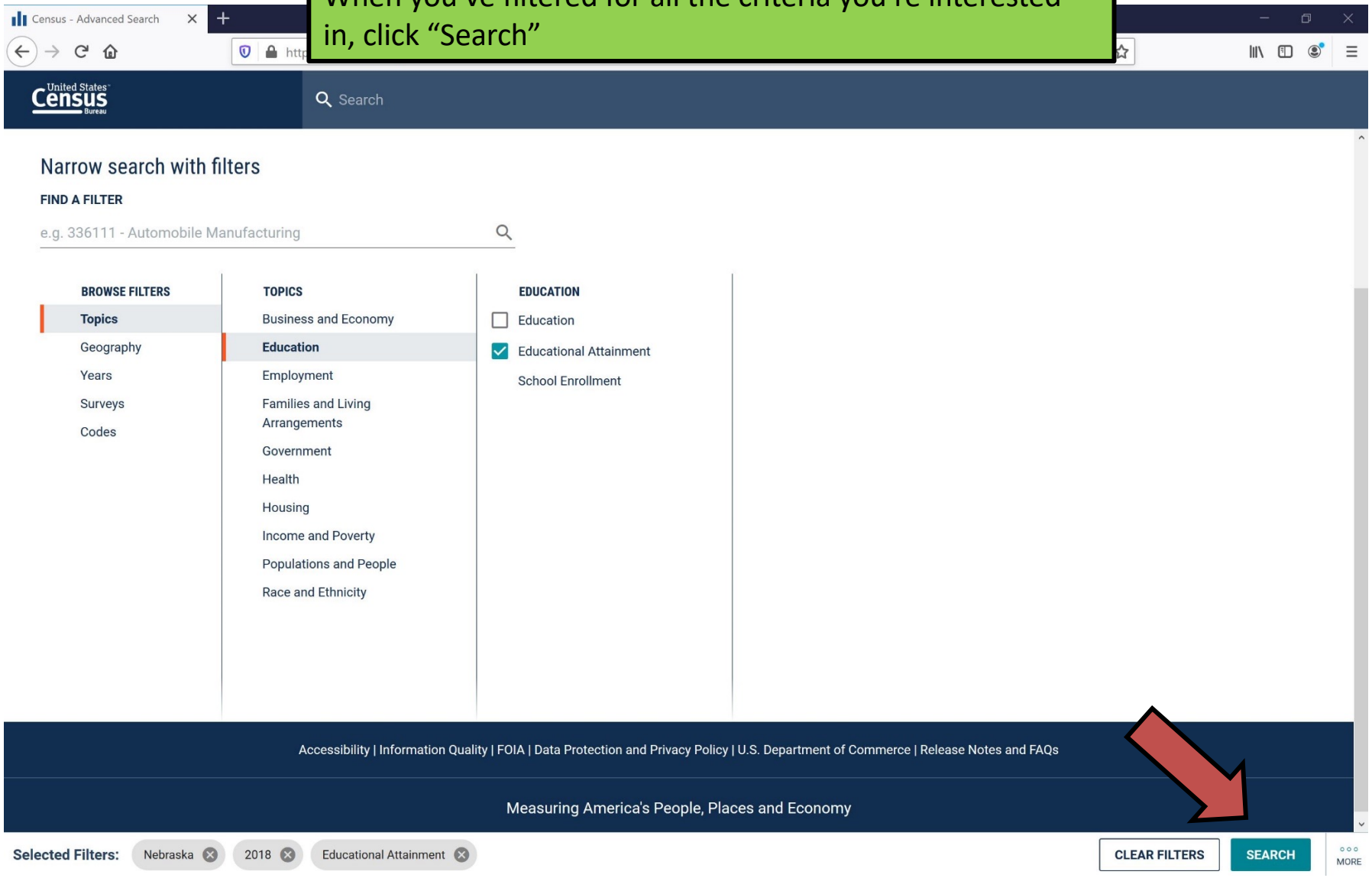


Note that “2018” has been added to our search selections below.

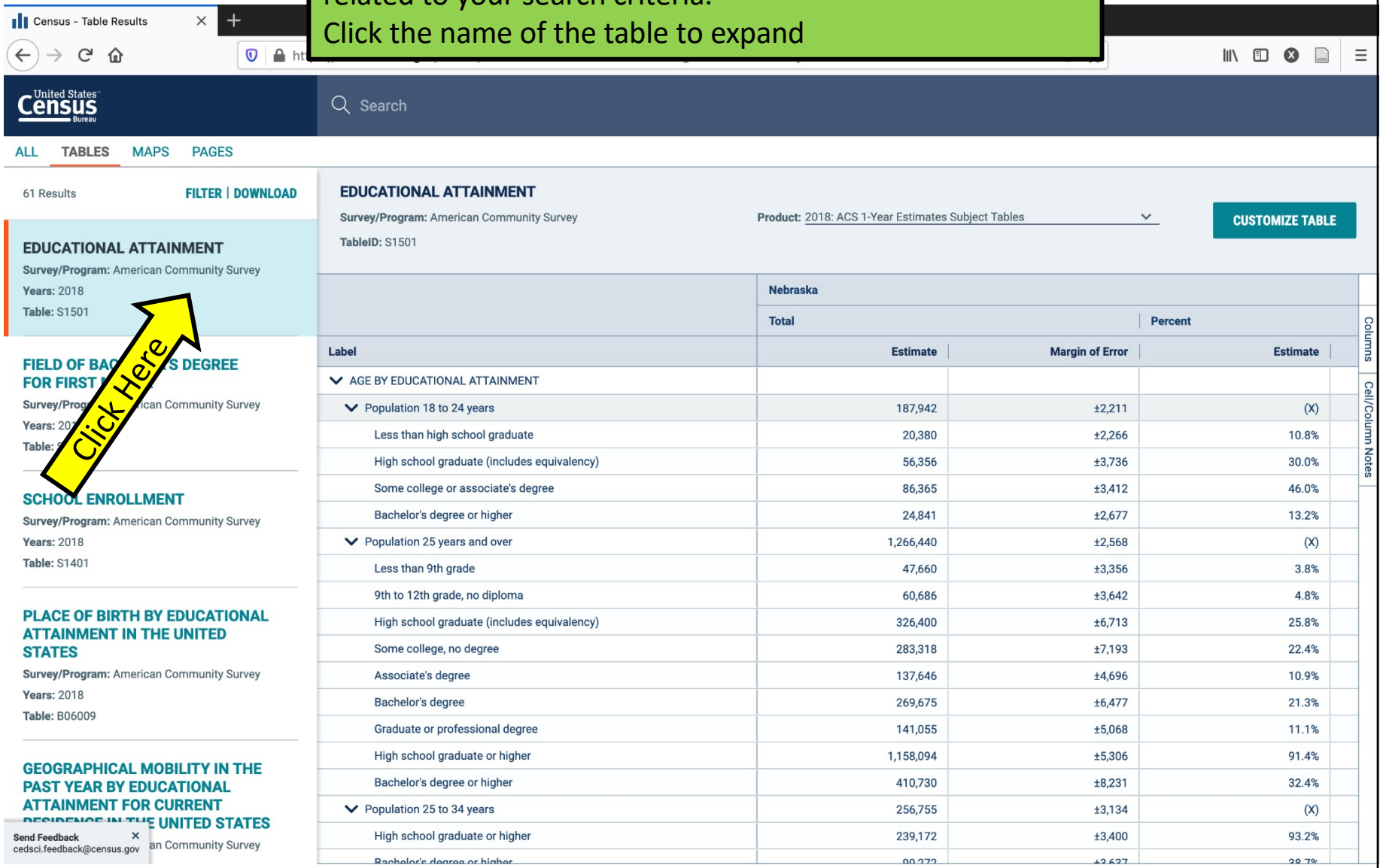
Next, we’re also adding “Educational Attainment” to our selections, to indicate that we only want data tables with information about educational attainment (in addition to our other selection criteria). To see the educational options, you must first click “Topics”, which then displays many additional options.



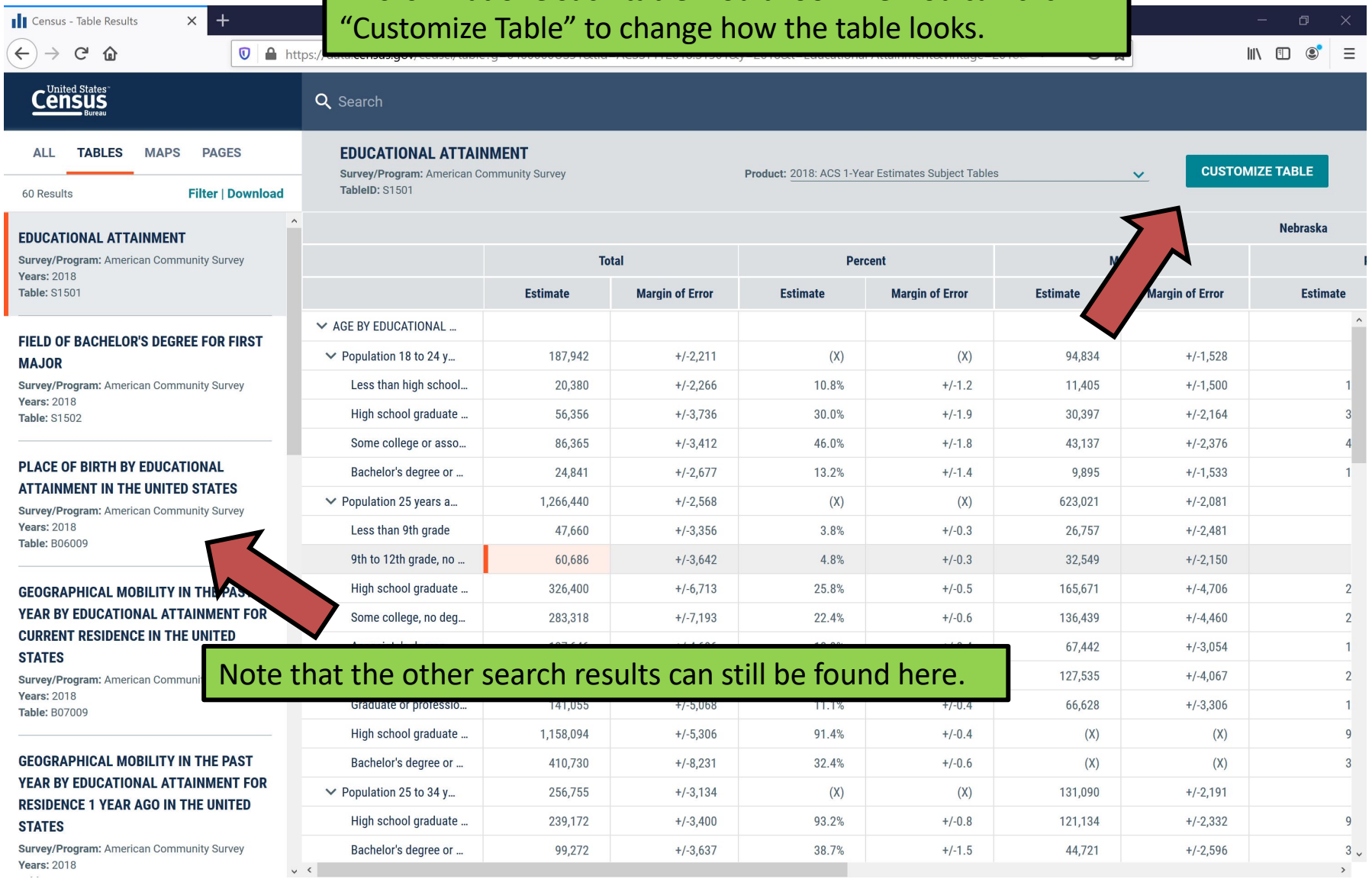
When you've filtered for all the criteria you're interested in, click "Search"



The search results include several tables with information related to your search criteria.
Click the name of the table to expand

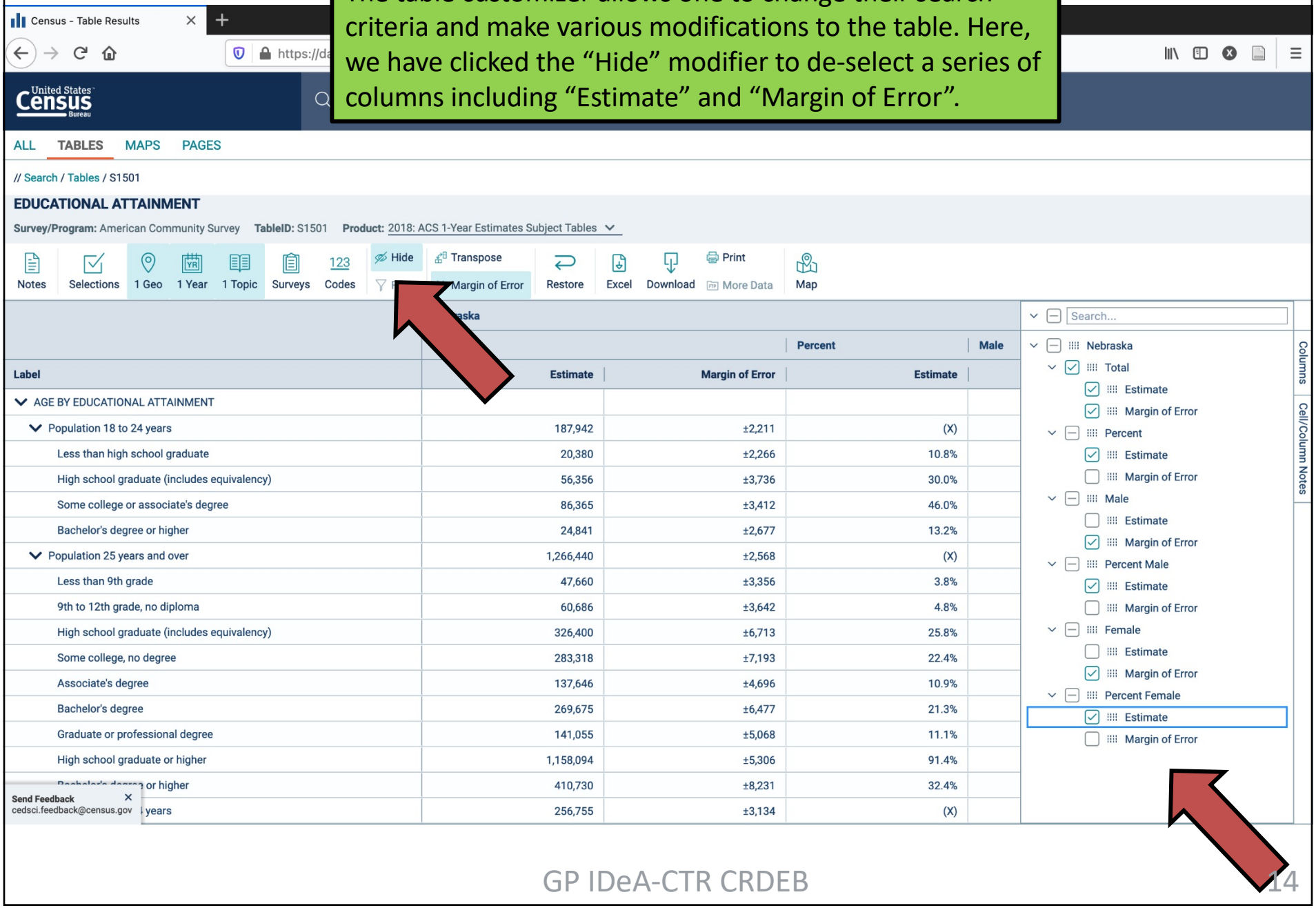


This is what one such table would look like. You can click "Customize Table" to change how the table looks.



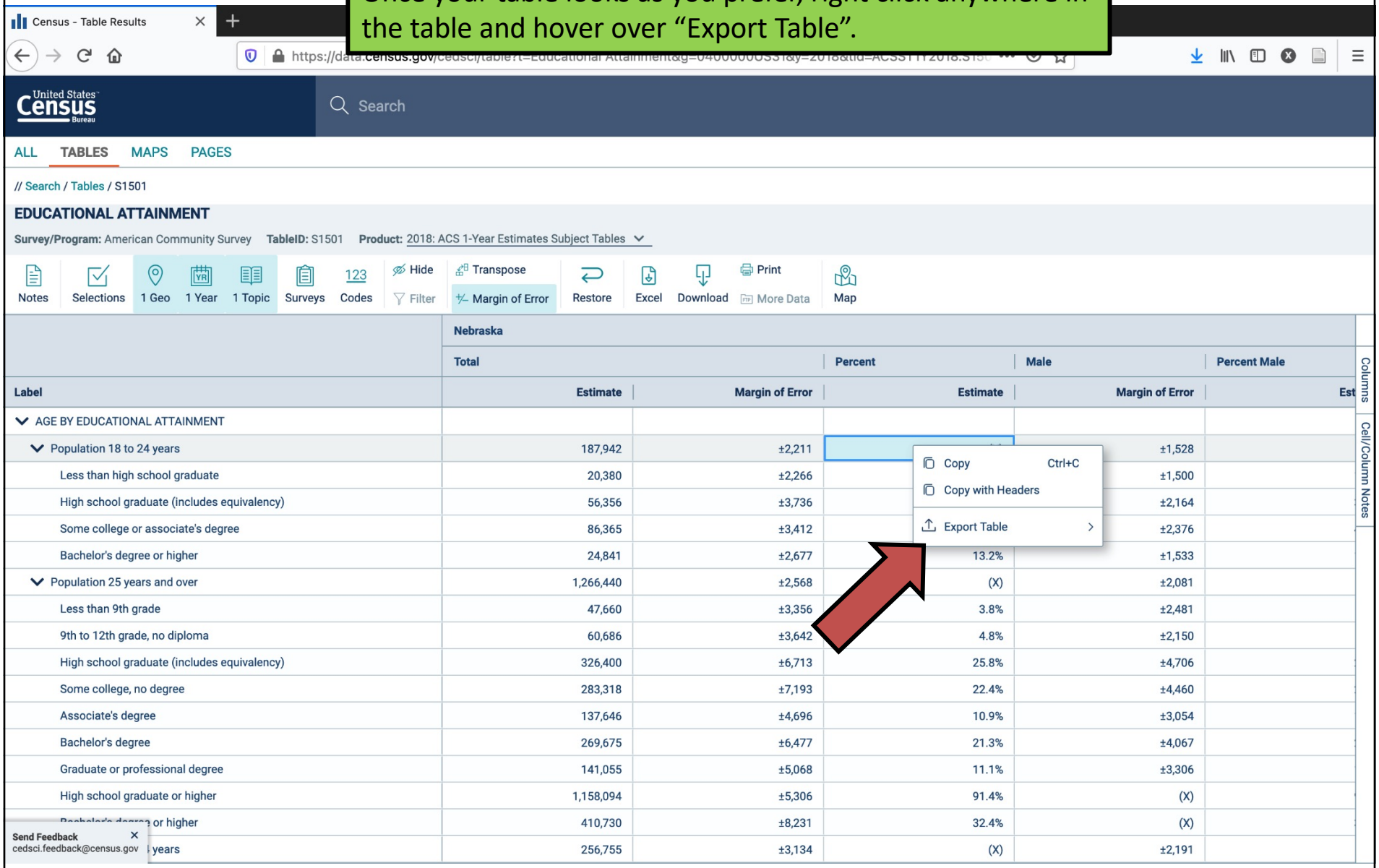
Note that the other search results can still be found here.

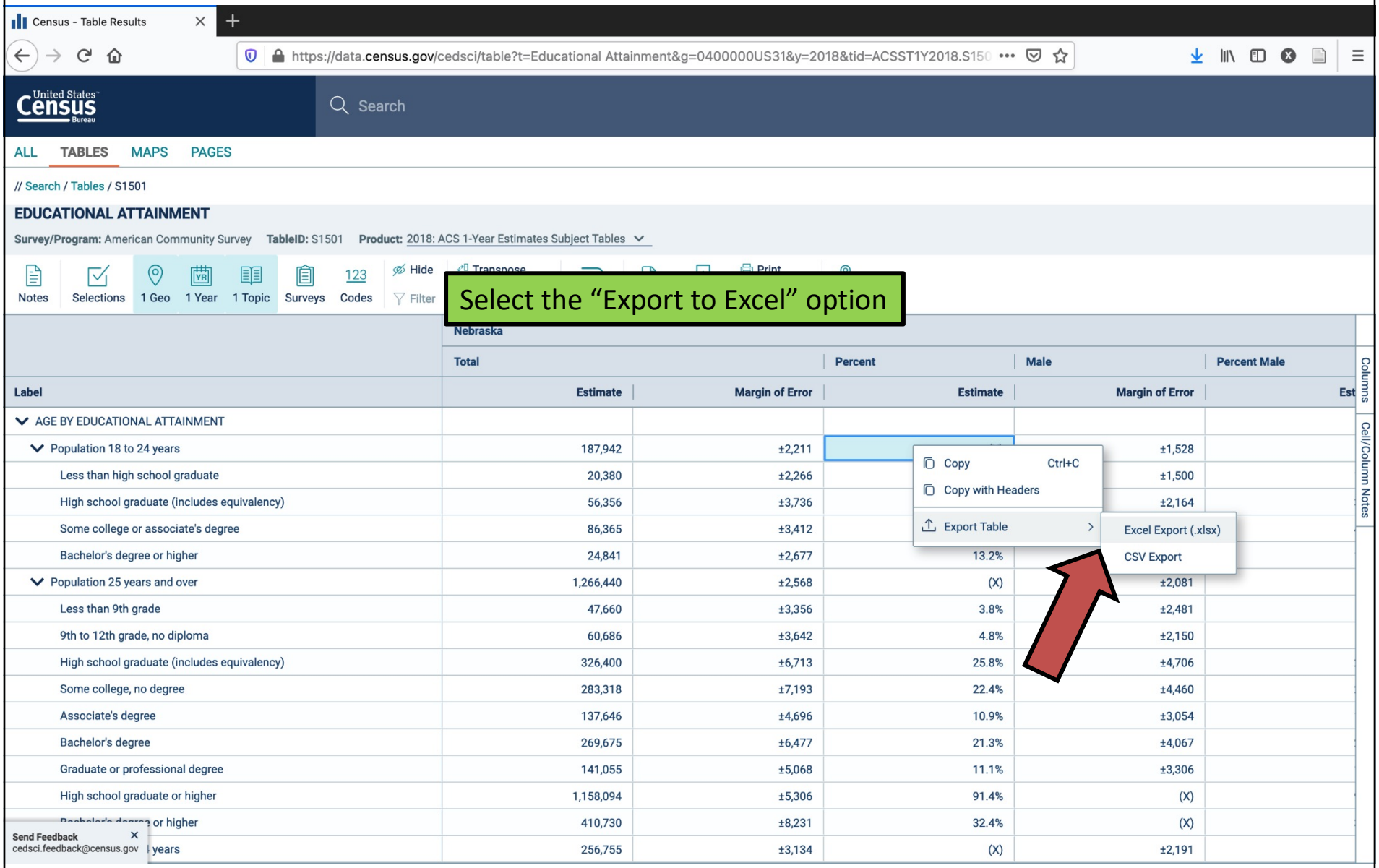
The table customizer allows one to change their search criteria and make various modifications to the table. Here, we have clicked the “Hide” modifier to de-select a series of columns including “Estimate” and “Margin of Error”.



Label	Estimate	Margin of Error	Percent Estimate	Male
AGE BY EDUCATIONAL ATTAINMENT				
Population 18 to 24 years	187,942	±2,211	(X)	
Less than high school graduate	20,380	±2,266	10.8%	
High school graduate (includes equivalency)	56,356	±3,736	30.0%	
Some college or associate's degree	86,365	±3,412	46.0%	
Bachelor's degree or higher	24,841	±2,677	13.2%	
Population 25 years and over	1,266,440	±2,568	(X)	
Less than 9th grade	47,660	±3,356	3.8%	
9th to 12th grade, no diploma	60,686	±3,642	4.8%	
High school graduate (includes equivalency)	326,400	±6,713	25.8%	
Some college, no degree	283,318	±7,193	22.4%	
Associate's degree	137,646	±4,696	10.9%	
Bachelor's degree	269,675	±6,477	21.3%	
Graduate or professional degree	141,055	±5,068	11.1%	
High school graduate or higher	1,158,094	±5,306	91.4%	
or higher	410,730	±8,231	32.4%	
years	256,755	±3,134	(X)	

Once your table looks as you prefer, right click anywhere in the table and hover over “Export Table”.




Census - Table Results
https://data.census.gov/cedsci/table?t=Educational Attainment&g=0400000US31&y=2018&tid=ACSST1Y2018.S15
United States Census Bureau
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EDUCATIONAL ATTAINMENT
Survey/Program: American Community Survey
TableID: S1501
Product: 2018: ACS 1-Year Estimates Subject Tables
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AGE BY EDUCATIONAL ATTAINMENT
Population 18 to 24 years 187,942 ±2,211 ±1,528
Less than high school graduate 20,380 ±2,266 ±1,500
High school graduate (includes equivalency) 56,356 ±3,736 ±2,164
Some college or associate's degree 86,365 ±3,412
Bachelor's degree or higher 24,841 ±2,677 13.2%
Population 25 years and over 1,266,440 ±2,568 (X) ±2,081
Less than 9th grade 47,660 ±3,356 3.8% ±2,481
9th to 12th grade, no diploma 60,686 ±3,642 4.8% ±2,150
High school graduate (includes equivalency) 326,400 ±6,713 25.8% ±4,706
Some college, no degree 283,318 ±7,193 22.4% ±4,460
Associate's degree 137,646 ±4,696 10.9% ±3,054
Bachelor's degree 269,675 ±6,477 21.3% ±4,067
Graduate or professional degree 141,055 ±5,068 11.1% ±3,306
High school graduate or higher 1,158,094 ±5,306 91.4% (X)
or higher 410,730 ±8,231 32.4% (X)
years 256,755 ±3,134 (X) ±2,191
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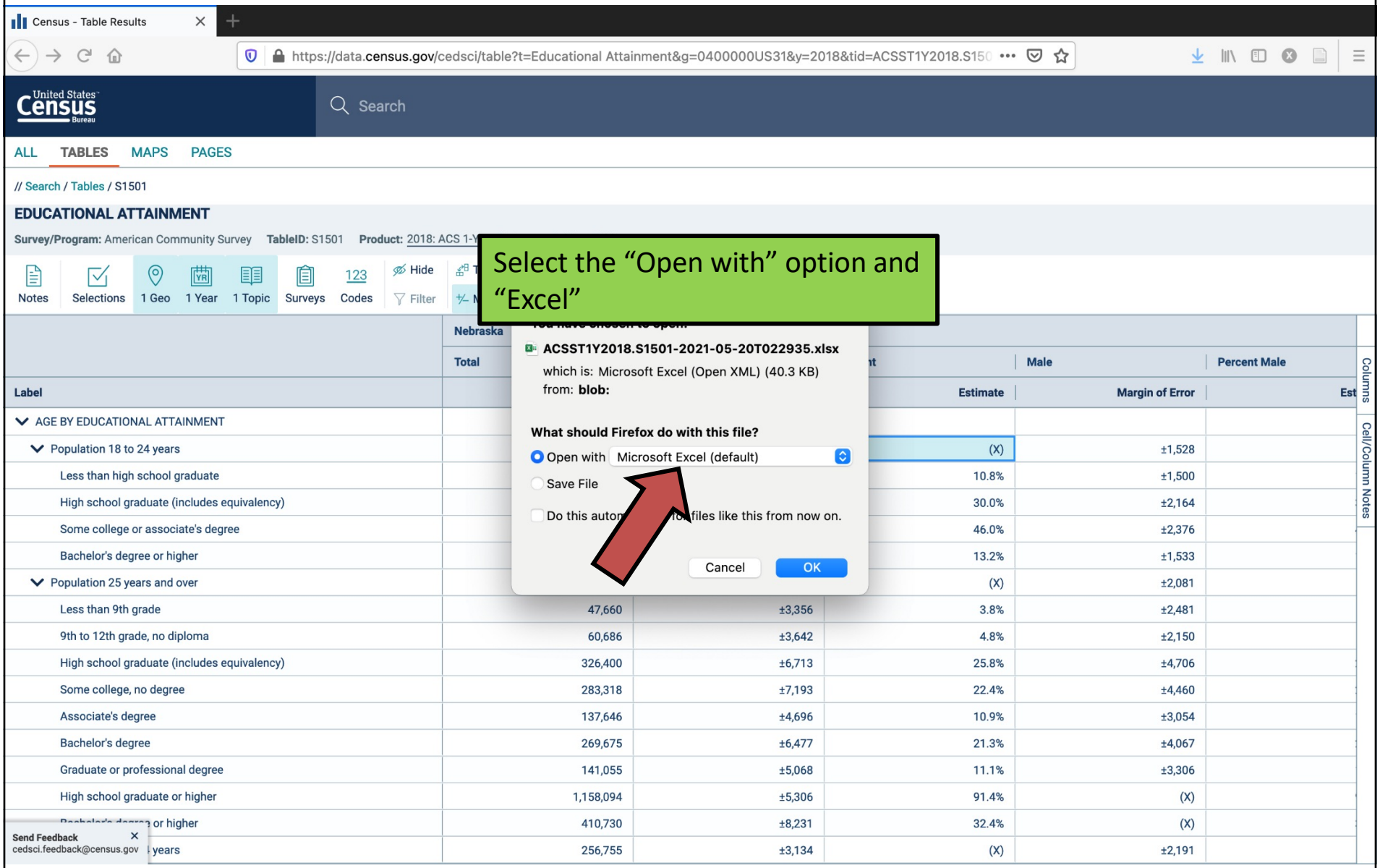
Census - Table Results
https://data.census.gov/cedsci/table?t=Educational Attainment&g=0400000US31&y=2018&tid=ACSST1Y2018.S150
United States Census Bureau
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ALL
TABLES
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PAGES
// Search / Tables / S1501
EDUCATIONAL ATTAINMENT
Survey/Program: American Community Survey
TableID: S1501
Product: 2018: ACS 1-Y
Notes
Selections
1 Geo
1 Year
1 Topic
Surveys
Codes
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Select the “Open with” option and “Excel”
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which is: Microsoft Excel (Open XML) (40.3 KB)
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What should Firefox do with this file?
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Margin of Error
AGE BY EDUCATIONAL ATTAINMENT
Population 18 to 24 years
(X)
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Some college or associate's degree
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Bachelor's degree or higher
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±1,533
Population 25 years and over
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or higher
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32.4%
(X)
years
256,755
±3,134
(X)
±2,191
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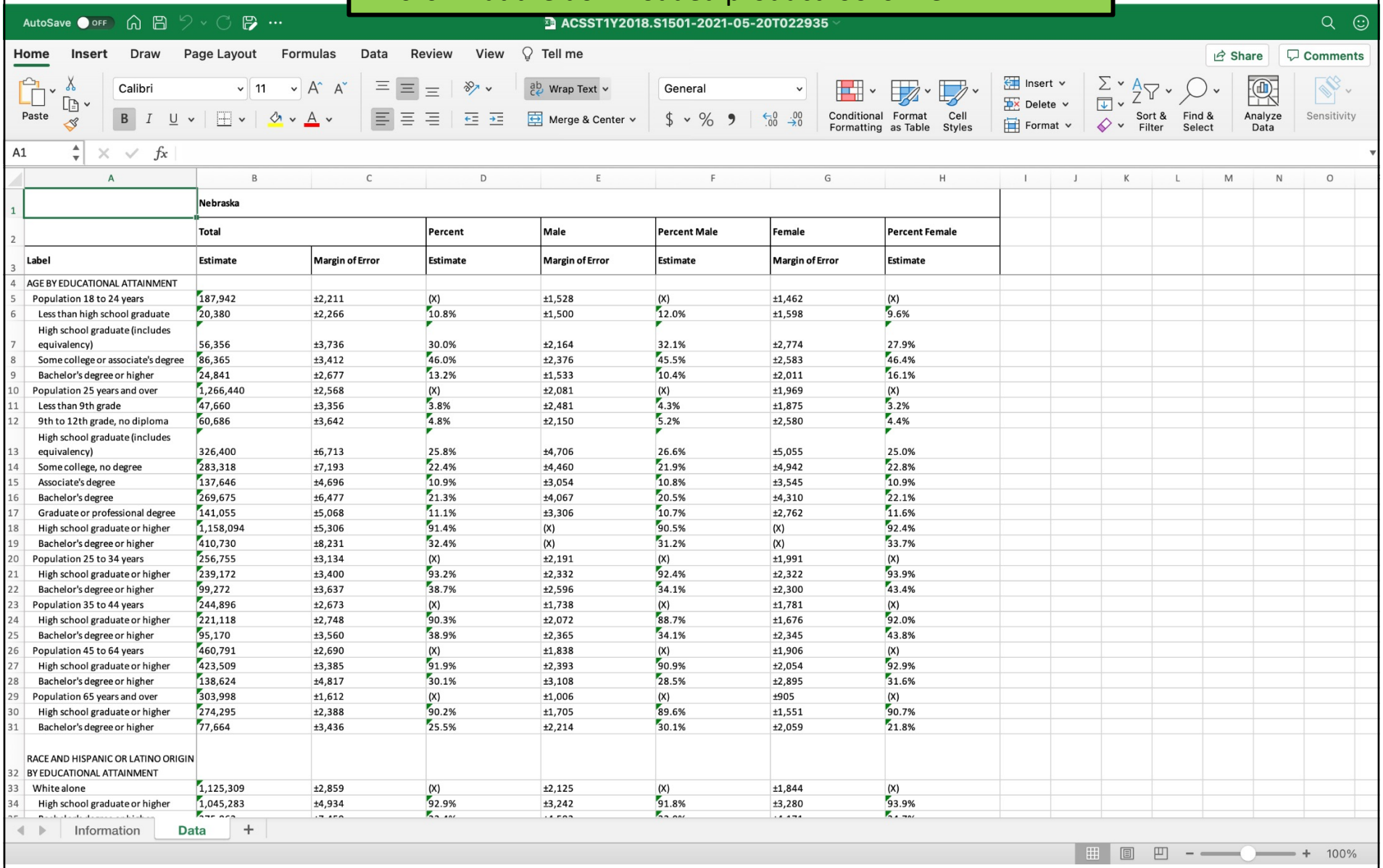
This is what the downloaded product looks like.



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A1

	A	B	C	D	E	F	G	H
1		Nebraska						
2		Total		Percent	Male	Percent Male	Female	Percent Female
3	Label	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate
4	AGE BY EDUCATIONAL ATTAINMENT							
5	Population 18 to 24 years	187,942	±2,211	(X)	±1,528	(X)	±1,462	(X)
6	Less than high school graduate	20,380	±2,266	10.8%	±1,500	12.0%	±1,598	9.6%
7	High school graduate (includes equivalency)	56,356	±3,736	30.0%	±2,164	32.1%	±2,774	27.9%
8	Some college or associate's degree	86,365	±3,412	46.0%	±2,376	45.5%	±2,583	46.4%
9	Bachelor's degree or higher	24,841	±2,677	13.2%	±1,533	10.4%	±2,011	16.1%
10	Population 25 years and over	1,266,440	±2,568	(X)	±2,081	(X)	±1,969	(X)
11	Less than 9th grade	47,660	±3,356	3.8%	±2,481	4.3%	±1,875	3.2%
12	9th to 12th grade, no diploma	60,686	±3,642	4.8%	±2,150	5.2%	±2,580	4.4%
13	High school graduate (includes equivalency)	326,400	±6,713	25.8%	±4,706	26.6%	±5,055	25.0%
14	Some college, no degree	283,318	±7,193	22.4%	±4,460	21.9%	±4,942	22.8%
15	Associate's degree	137,646	±4,696	10.9%	±3,054	10.8%	±3,545	10.9%
16	Bachelor's degree	269,675	±6,477	21.3%	±4,067	20.5%	±4,310	22.1%
17	Graduate or professional degree	141,055	±5,068	11.1%	±3,306	10.7%	±2,762	11.6%
18	High school graduate or higher	1,158,094	±5,306	91.4%	(X)	90.5%	(X)	92.4%
19	Bachelor's degree or higher	410,730	±8,231	32.4%	(X)	31.2%	(X)	33.7%
20	Population 25 to 34 years	256,755	±3,134	(X)	±2,191	(X)	±1,991	(X)
21	High school graduate or higher	239,172	±3,400	93.2%	±2,332	92.4%	±2,322	93.9%
22	Bachelor's degree or higher	99,272	±3,637	38.7%	±2,596	34.1%	±2,300	43.4%
23	Population 35 to 44 years	244,896	±2,673	(X)	±1,738	(X)	±1,781	(X)
24	High school graduate or higher	221,118	±2,748	90.3%	±2,072	88.7%	±1,676	92.0%
25	Bachelor's degree or higher	95,170	±3,560	38.9%	±2,365	34.1%	±2,345	43.8%
26	Population 45 to 64 years	460,791	±2,690	(X)	±1,838	(X)	±1,906	(X)
27	High school graduate or higher	423,509	±3,385	91.9%	±2,393	90.9%	±2,054	92.9%
28	Bachelor's degree or higher	138,624	±4,817	30.1%	±3,108	28.5%	±2,895	31.6%
29	Population 65 years and over	303,998	±1,612	(X)	±1,006	(X)	±905	(X)
30	High school graduate or higher	274,295	±2,388	90.2%	±1,705	89.6%	±1,551	90.7%
31	Bachelor's degree or higher	77,664	±3,436	25.5%	±2,214	30.1%	±2,059	21.8%
32	RACE AND HISPANIC OR LATINO ORIGIN BY EDUCATIONAL ATTAINMENT							
33	White alone	1,125,309	±2,859	(X)	±2,125	(X)	±1,844	(X)
34	High school graduate or higher	1,045,283	±4,934	92.9%	±3,242	91.8%	±3,280	93.9%

Information Data +

100%

Contact information

If you have any questions related to the content of this presentation, or have noticed that this presentation needs to be updated due to changes in the format of the data.census.gov website, please contact Erin Johnson at erinl.johnson@unmc.edu.

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