BUREAU OF BUSINESS & ECONOMIC RESEARCH

The Art & Science of Data January 13, 2021

Access Census Data (ACS, Economic Census & Microdata) through the New Tool Data.Census.Gov

PREPARED BY UNM BUREAU OF BUSINESS AND ECONOMIC RESEARCH

Suzan Reagan, Sr Program Manager Data Bank
sreagan@unm.edu

Census Bureau 101

DATA, Data, and more data!

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Agenda:

- Decennial Census
  - Just a little background
  - Census 2020 data update

- More than **JUST** Decennial Census
  - Census data basics
  - Census Geographies
  - Census Products
  - Hands on Data.Census.Gov
    - Basics on the search
    - How to select All Tribal Areas within New Mexico

About the US Census Bureau

1790 First Census count

Mandated by the U. S. Constitution to count the population every 10 years to apportion seats in the U.S. House of Representatives.

Both George Washington and Thomas Jefferson expressed skepticism over the final count, expecting a number that exceeded the 3.9 million inhabitants counted in the census.

2020 Census Update

Data not expected to be released until February.

P.L. 94-171 Redistricting Data

These files are sent to Governors, legislative leadership and Redistricting Commissions if they exist. Then released publicly in data.census.gov

Products available will be:

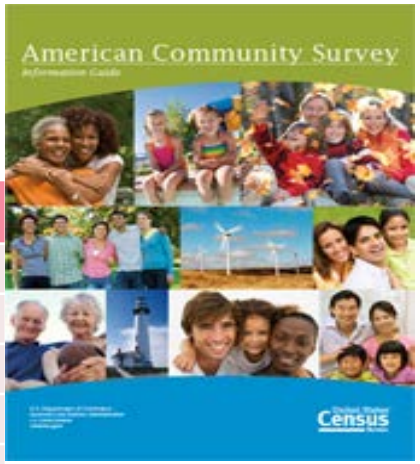
- P1-Race
- P2-Race for voting age
- P3 - Hispanic and Race
- P4 - Hispanic and Race voting age
- H1 - Occupancy Status Housing
- P5 - Group Quarters Pop

This is different as it is a 1 time release will all geographies

More than just the decennial census

Census Bureau Products - Programs

- Decennial Census
- American Community Survey
- Small Area Income and Poverty Estimates
- Census Population Estimates
- Economic Census
- Survey of Business Owners
- Nonemployer Statistics
- Economic Indicators
  - (Several surveys, construction, manufacturing etc.)
- Census of Governments
- Survey of Income and Program participation
- Annual Survey of Schools System Finances
- Current Population Survey

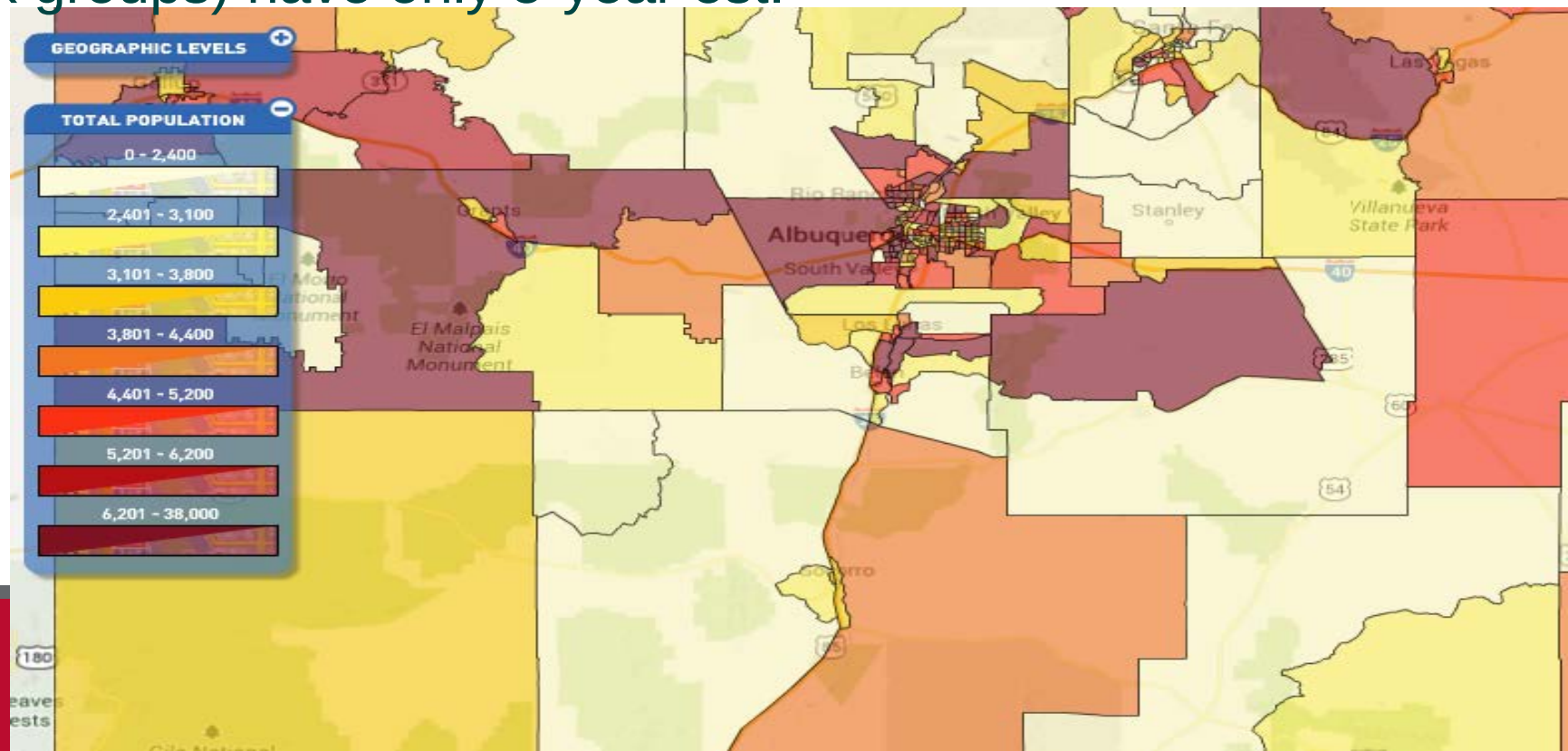


Demographic	Economic	Housing
Age Sex Race	Income	Year Built
Hispanic Origin	Food Stamp Benefit	Units in Structure
Rel. to Householder	Labor Force Status	Year Moved into Unit
	Industry	Room Bedrooms
Social	Occupation	Kitchen Facilities
Marital Status/History	Class of Worker	Plumbing Facilities
Fertility Ancestry Disability	Place of Work	House Heating Fuel
Grandparents as Caregivers	Journey to Work	Telephone Serv. Available
Place of Birth	Work Status Last Year	Farm Residence
Citizenship	Vehicles Available	Tenure (Owner/Renter)
Year of Entry	Health Ins. Coverage	Housing Value
Language Spoken at Home		Rent
Educational Attainment		Monthly Owner Costs
School Enrollment		
Residence 1 Year Ago		
Veteran Status		
Period of Military Service		
VA Service-Connected Disability		

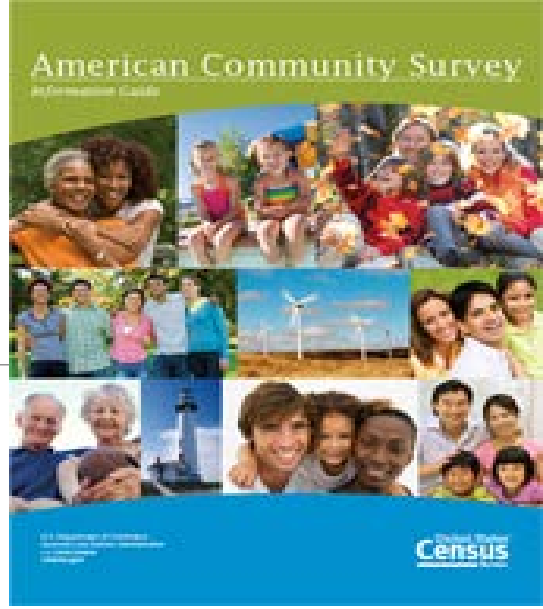
With a decennial census you can only change questions every ten years. With ACS they can modify/add/delete questions more easily. Leads to consistency issues over time.

ACS Geography and Time

- Areas of 65,000 or more have 1-yr and 5-yr est.
- Areas of 20,000 or more have 5-year est.
- Most Counties in NM only have 5-year est.
- Census tracts (and block groups) have only 5-year est.



Census Products



- Data Profiles (start with these to find statistics:

  table ID starts with ‘DP’)
- Comparison profiles (across years: table ID starts with ‘C’)
- Selected population profile tables
  (race, ethnic, ancestry, tribal groups: table ID start with ‘S’.
- Subject tables (also start with ‘S’)
- Detailed tables (2020 will see fewer tables)
- Public use microdata sample file (40% sample of ACS file, create crosstabs)

How to find more information on ACS

https://www.census.gov/programs-surveys/acs

Most important is the list of tables under:

→ Technical Documentation

→ Code Lists, Definitions, and Accuracy

→ Table Shells and Table List

2019 ACS Table List

https://www2.census.gov/programs-surveys/acs/tech_docs/table_shells/table_lists/2019_DataProductList.xlsx

Data Access

data.census.gov

Feel free to do Hands on with me.

Tutorials are available at census.gov/academy

The rest of the slide show is to provide some simple assistance for you when if you want to review stuff.

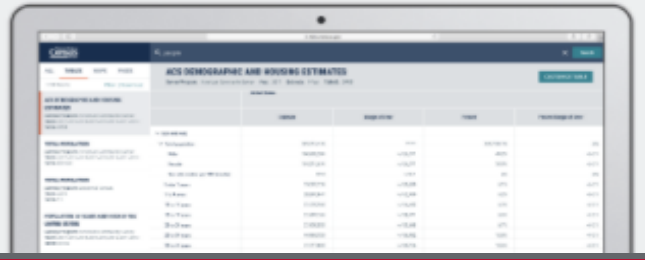
United States Census Bureau

Explore Census Data

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

Find Tables, Maps, and more ... SEARCH

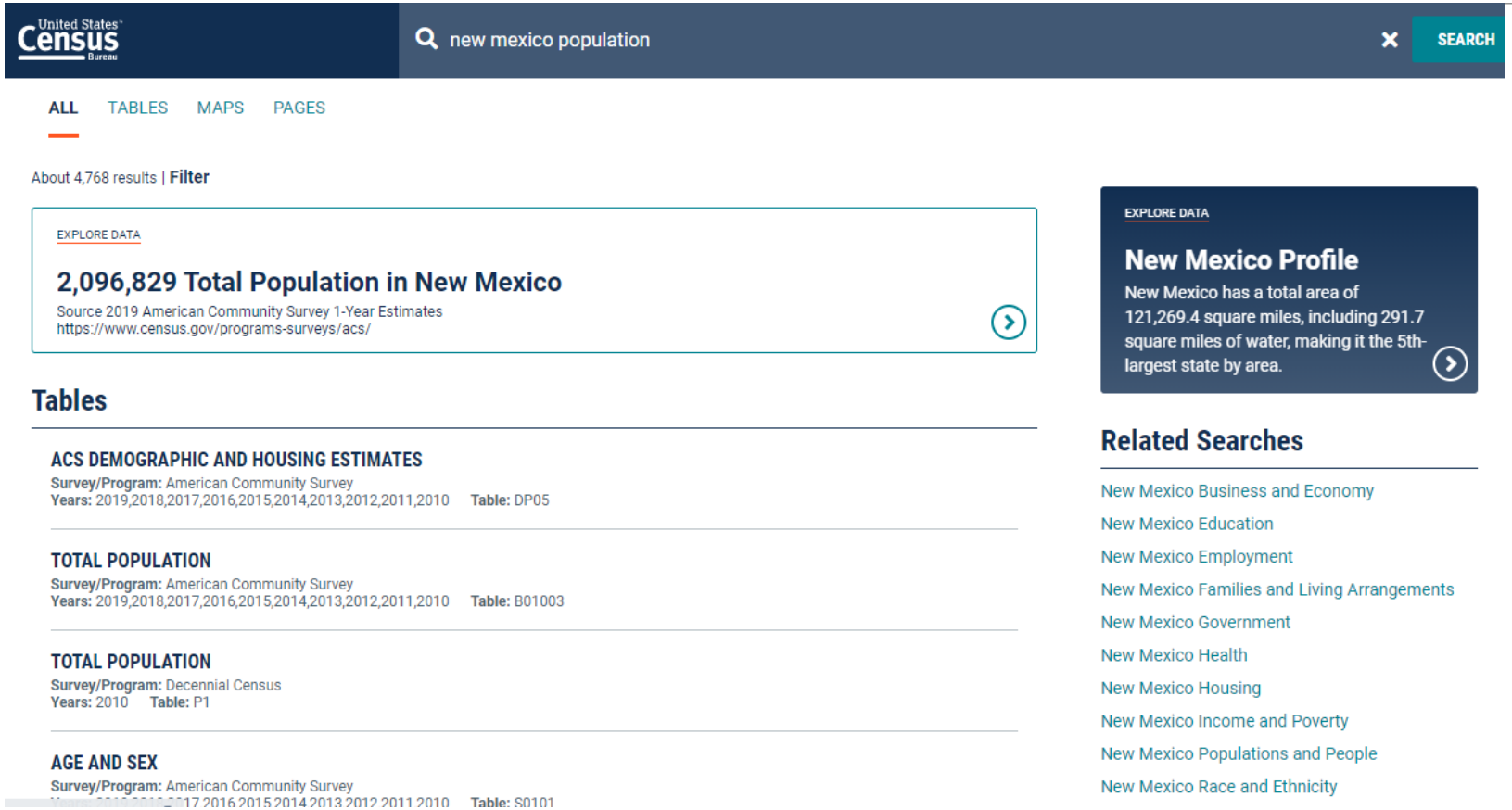
Advanced Search Help Feedback



Tables

Check out our new table display which allows you to dynamically add geographies, topics, or any applicable filters. You can reorder, pin, and hide columns all with simple drag and drop functionality. Tab through different tables to make sure you found the right one, customize it, and then download multiple vintages of it quickly. If you don't

Simple search “New Mexico Population”



Note: Tables, Maps Pages. On the side is the Profile

Click on “TABLES” at the top right

Table lists – 2,125 for NM

United States Census Bureau

new mexico population

SEARCH

ALL | TABLES | MAPS | PAGES

2125 Results

FILTER | DOWNLOAD

ACS DEMOGRAPHIC AND HOUSING ESTIMATES
Survey/Program: American Community Survey
Years: 2019,2018,2017,2016,2015,2014,2013,2012,2011,2010
Table: DP05

TOTAL POPULATION
Survey/Program: American Community Survey
Years: 2019,2018,2017,2016,2015,2014,2013,2012,2011,2010
Table: B01003

TOTAL POPULATION
Survey/Program: Decennial Census
Years: 2010
Table: P1

AGE AND SEX
Survey/Program: American Community Survey
Years: 2019,2018,2017,2016,2015,2014,2013,2012,2011,2010
Table: S0101

POPULATION BY SEX
Survey/Program: American Community Survey
016,2015,2014

Send Feedback
cedsci.feedback@census.gov

ACS DEMOGRAPHIC AND HOUSING ESTIMATES

Survey/Program: American Community Survey
TableID: DP05

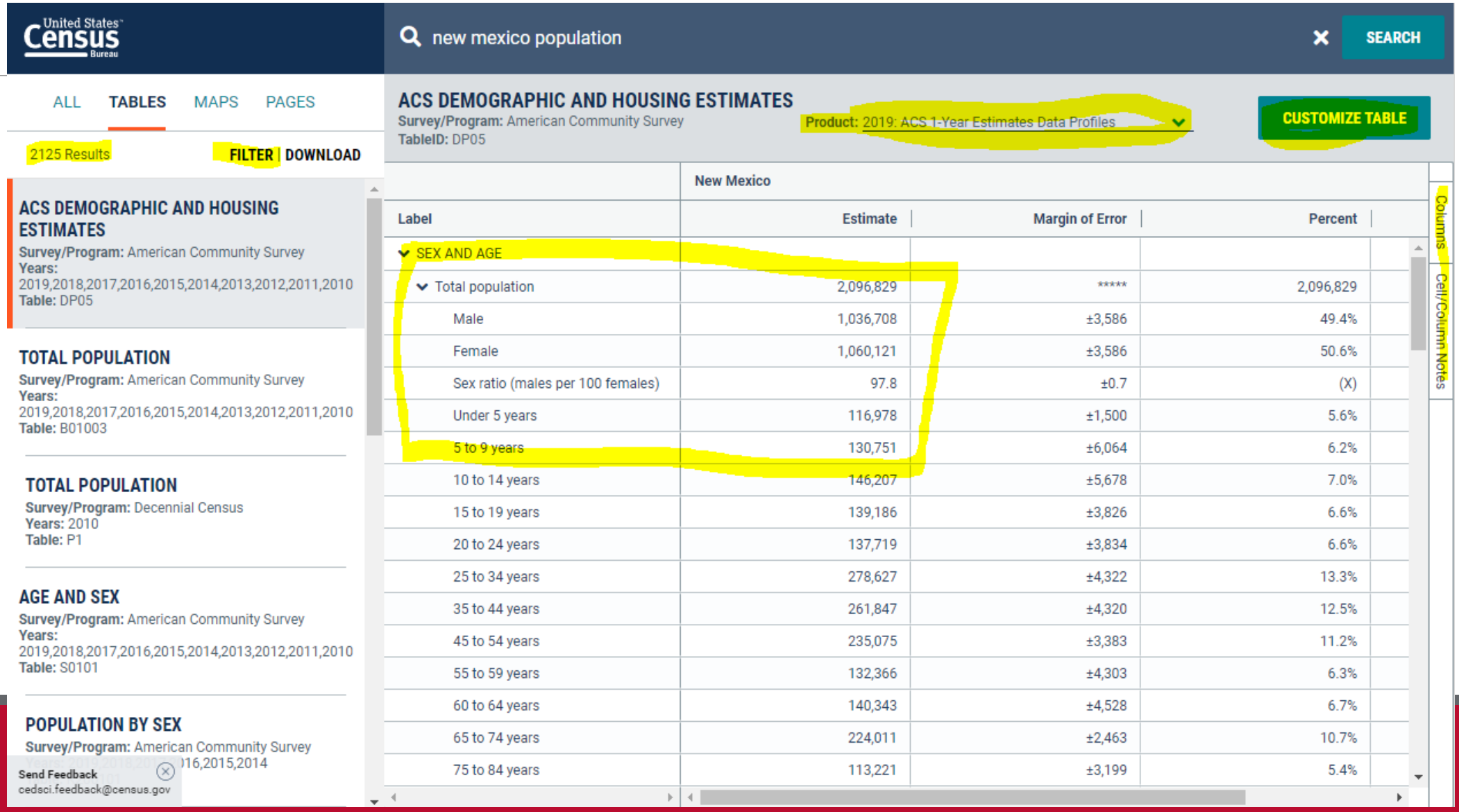
Product: 2019: ACS 1-Year Estimates Data Profiles

CUSTOMIZE TABLE

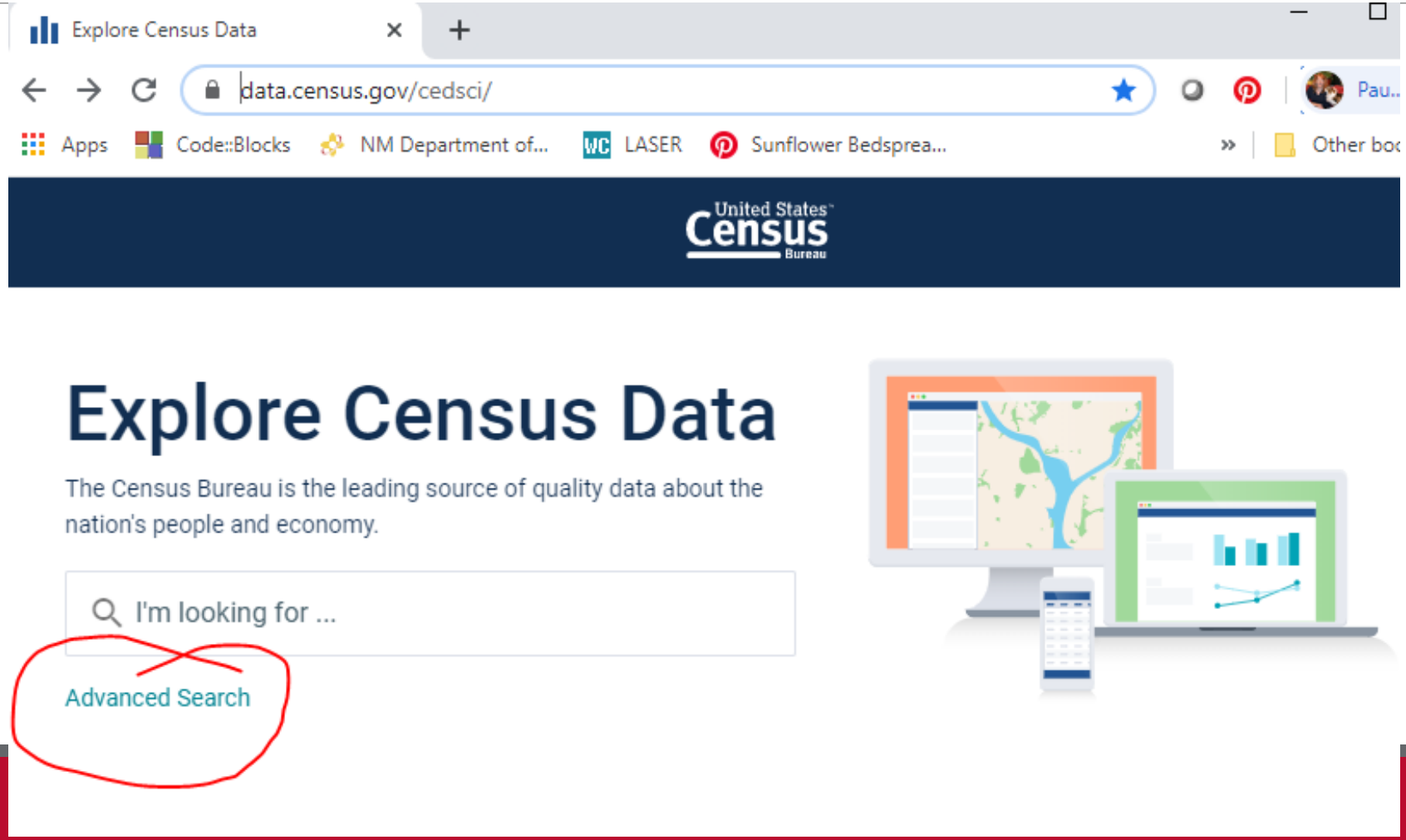
	New Mexico		
Label	Estimate	Margin of Error	Percent
SEX AND AGE			
Total population	2,096,829	*****	2,096,829
Male	1,036,708	±3,586	49.4%
Female	1,060,121	±3,586	50.6%
Sex ratio (males per 100 females)	97.8	±0.7	(X)
Under 5 years	116,978	±1,500	5.6%
5 to 9 years	130,751	±6,064	6.2%
10 to 14 years	146,207	±5,678	7.0%
15 to 19 years	139,186	±3,826	6.6%
20 to 24 years	137,719	±3,834	6.6%
25 to 34 years	278,627	±4,322	13.3%
35 to 44 years	261,847	±4,320	12.5%
45 to 54 years	235,075	±3,383	11.2%
55 to 59 years	132,366	±4,303	6.3%
60 to 64 years	140,343	±4,528	6.7%
65 to 74 years	224,011	±2,463	10.7%
75 to 84 years	113,221	±3,199	5.4%

Columns | Cell/Column Notes

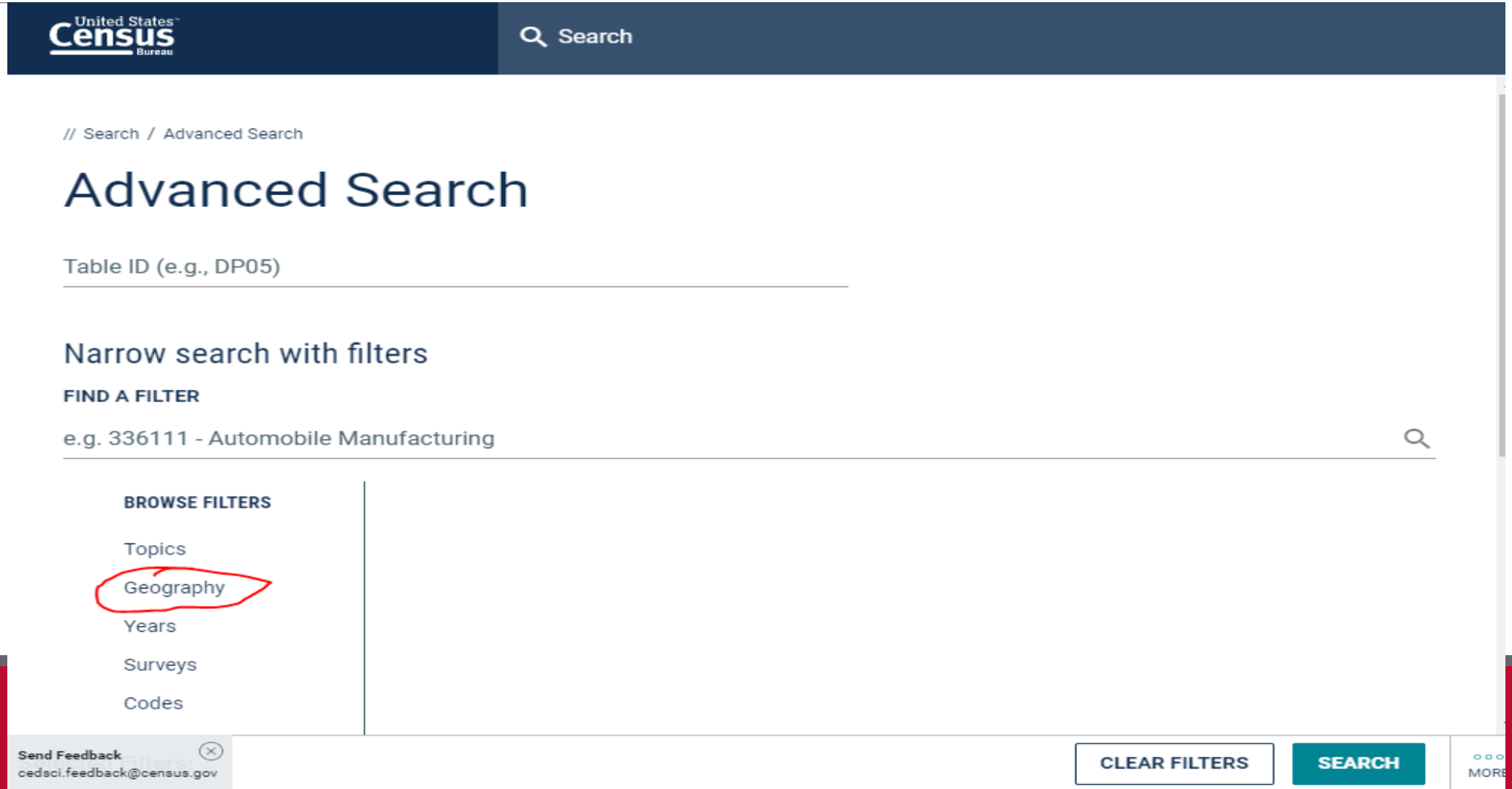
Note the options on the tool



How to select all American Indian Areas with in NM



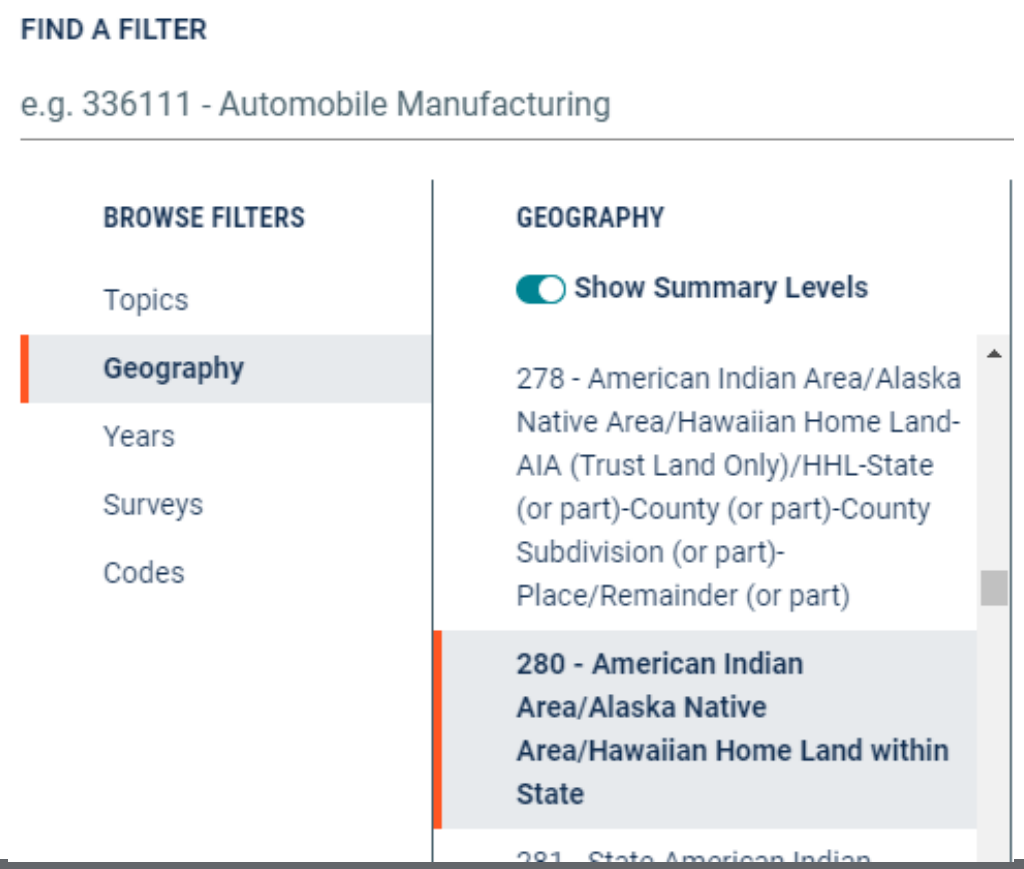
Step 2: Geography



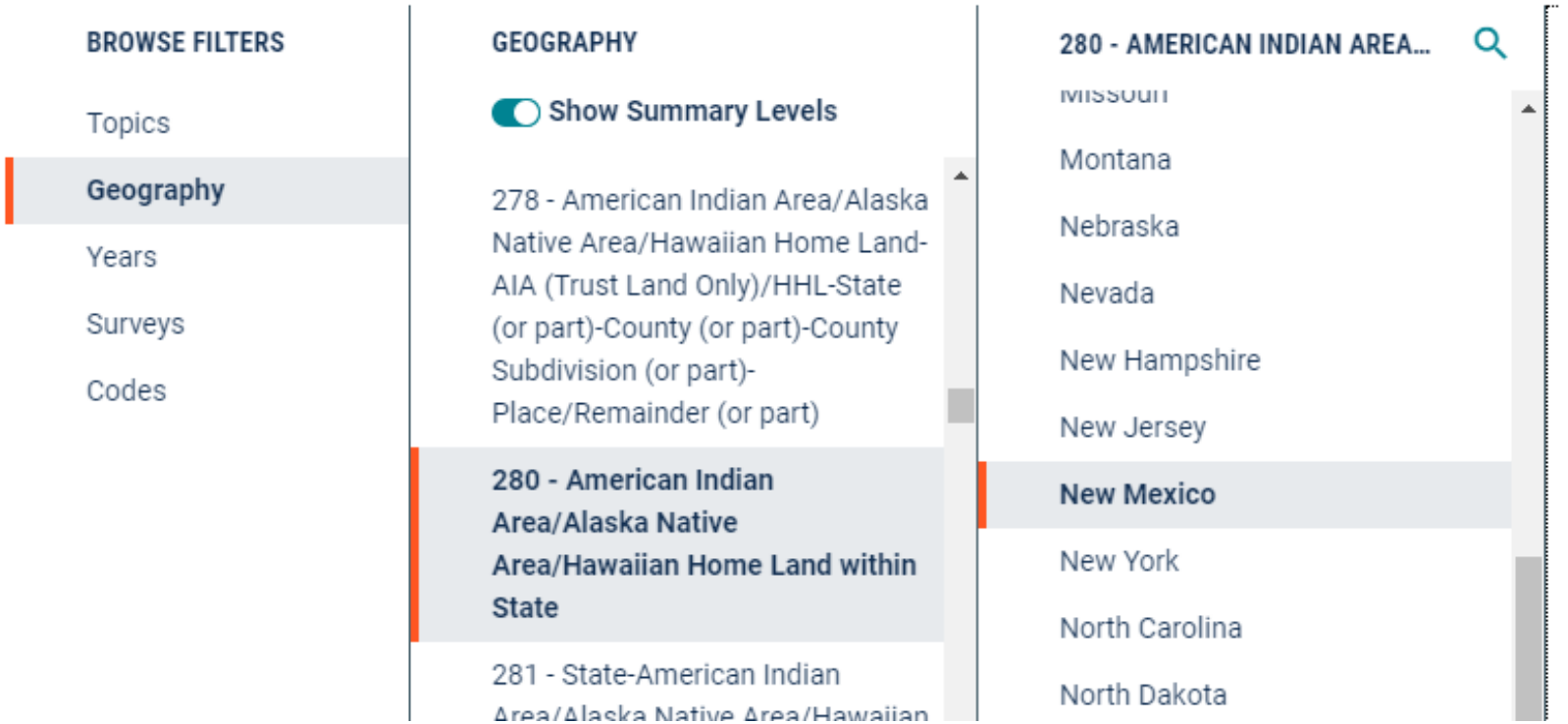
Step 3:
Next slide on the “Show Summary Levels”

Step 4:

Scroll down and select “280- American Indian Area/Alaska Native Area/Hawaiian Home Land within State.”

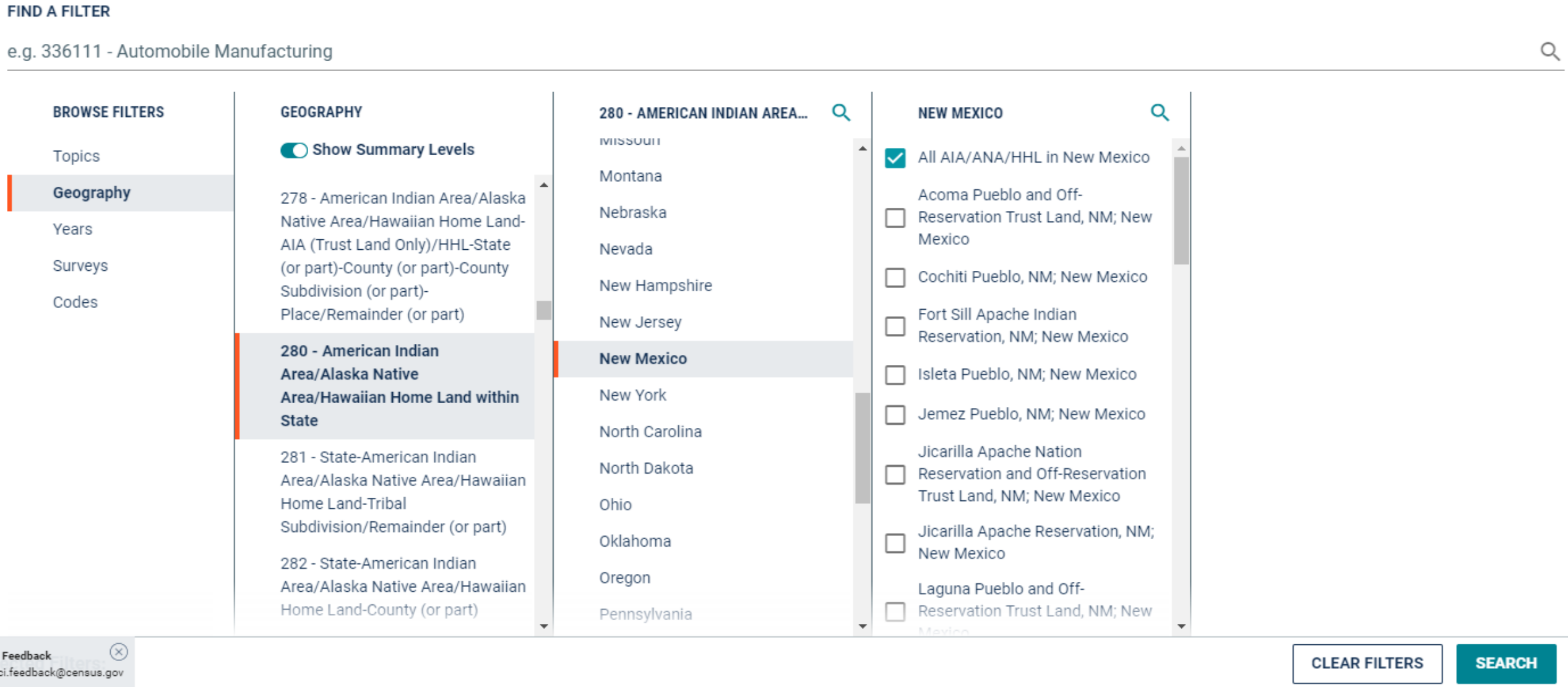


Step 5:
In the next column Select New Mexico



Step 6:

In the last column check “All AIA/ANA/HHL in New Mexico.”



BUREAU OF BUSINESS & ECONOMIC RESEARCH

Thank You!

Suzan Reagan
Office Phone: 505.277.3038
Home Phone: 505.256.9408
Email: sreagan@unm.edu

CONTACT US TODAY

WEBSITE: BBER@UNM.EDU

PHONE: 505.277.8300

EMAIL: BBER@UNM.EDU

SOCIAL MEDIA: @UNMBBER