Discovering Race & Ethnicity Data on data.census.gov

Dial-In: 1-800-857-4151

Passcode: 7179063#

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



Outline

- Key Concepts for Race and Ethnicity
- Race and Ethnicity Data on data.census.gov:
 - Population Distribution
 - Basic Population Groups and Standard Tables
 - Detailed Population Groups and Iterated Tables
- Common Questions
- Q&A



Race and Ethnicity: Key Concepts

- The Census Bureau collects race and ethnicity data according to Office of Management and Budget (OMB) standards
- OMB defines race and ethnicity as two separate concepts. People of Hispanic or Latino origin may be of any race group(s)
- Collection is based on self-identification
- People may identify with one or more race groups



census.gov/topics/population/race/about.html census.gov/topics/population/hispanic-origin.html

Race

Basic race categories in Census Bureau data tables:

- White alone
- Black or African American alone
- American Indian or Alaska Native alone
- Asian alone
- Native Hawaiian or Other Pacific Islander alone
- Some other race alone
- Two or more races



Ethnicity (Hispanic or Latino Origin)

Ethnic categories in Census Bureau data tables:

- Hispanic or Latino
- Not Hispanic or Latino

People of Hispanic origin may be of any race group(s)



data.census.gov Demo

1. Distribution of Population by Race and Ethnicity

What is the distribution of the population in the United States by:

- Race
- Ethnicity
- Ethnicity by Race

2. Population Totals and Characteristics of Basic Race/Ethnic Groups

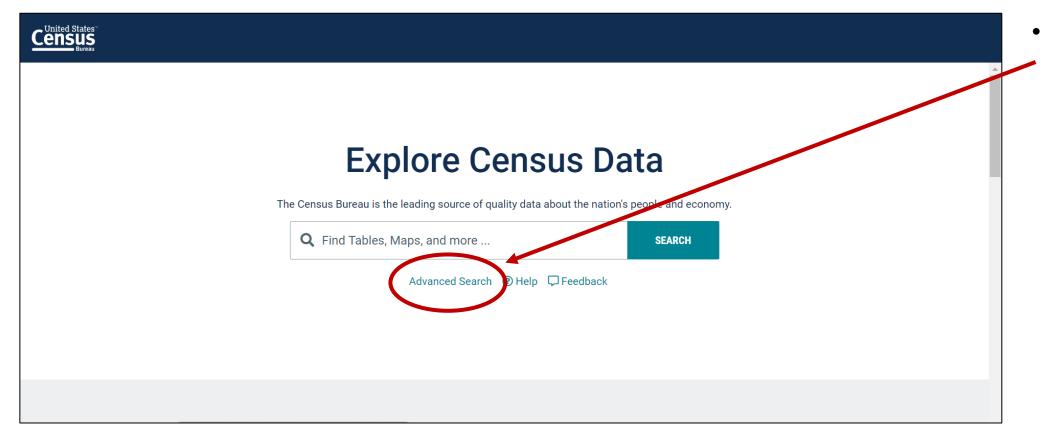
- a) How can I find the set of tables that provide population totals and characteristics of the Asian population? What is the sex by age breakout of Asians in the United States?
- b) How many people of Hispanic or Latino origin are living in poverty in Springfield, IL?

3. Characteristics of Detailed Race/Ethnic Groups

- a) What is the percent of the Korean population with a bachelor's degree or higher in the United States? In Illinois?
- b) How does homeownership compare for American Indians whose race is Gila River Indian Community compared to the larger Pima tribal grouping based on the 2010 Census?



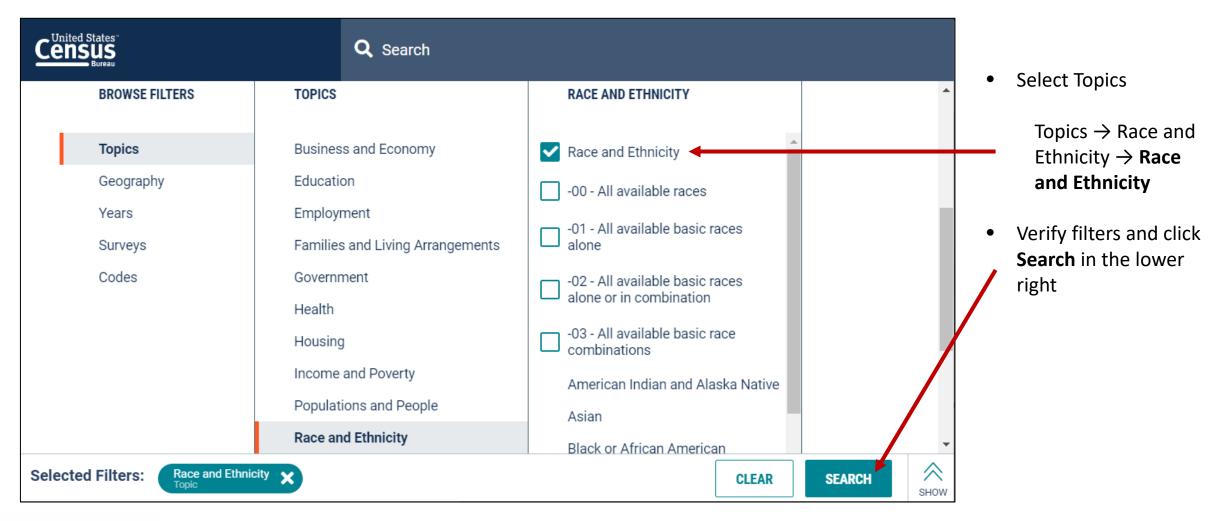
Select Advanced Search



Click **Advanced Search**

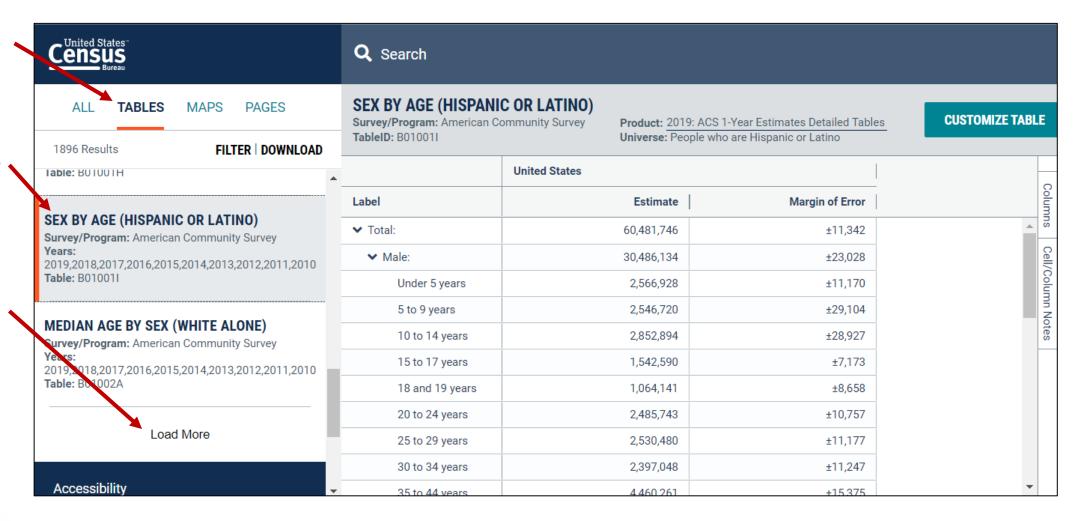


Select Topic: Race and Ethnicity





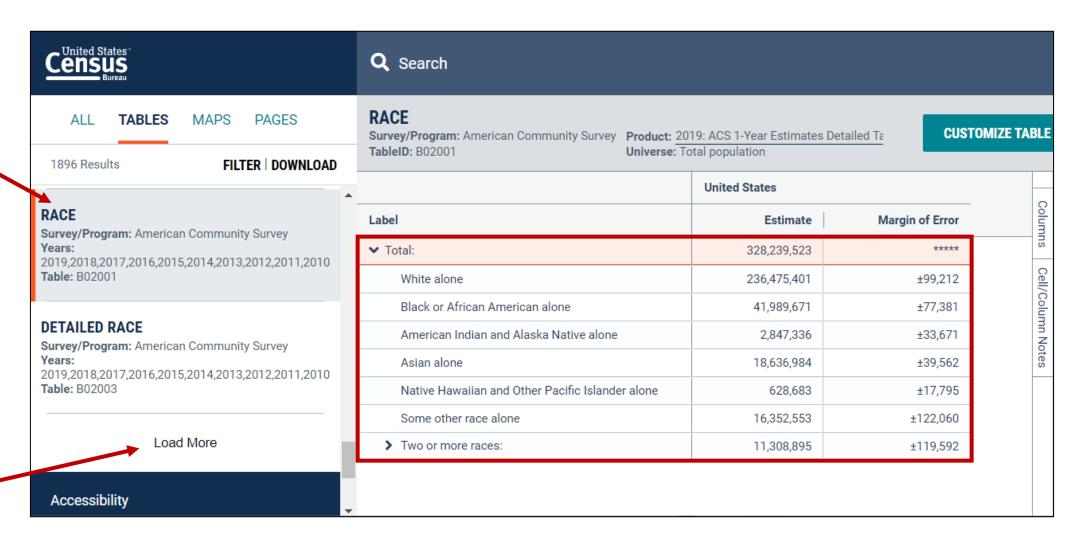
- Click **Tables** in the upper left
- Click a table title on the left to browse the available data
- Click Load More to see more tables



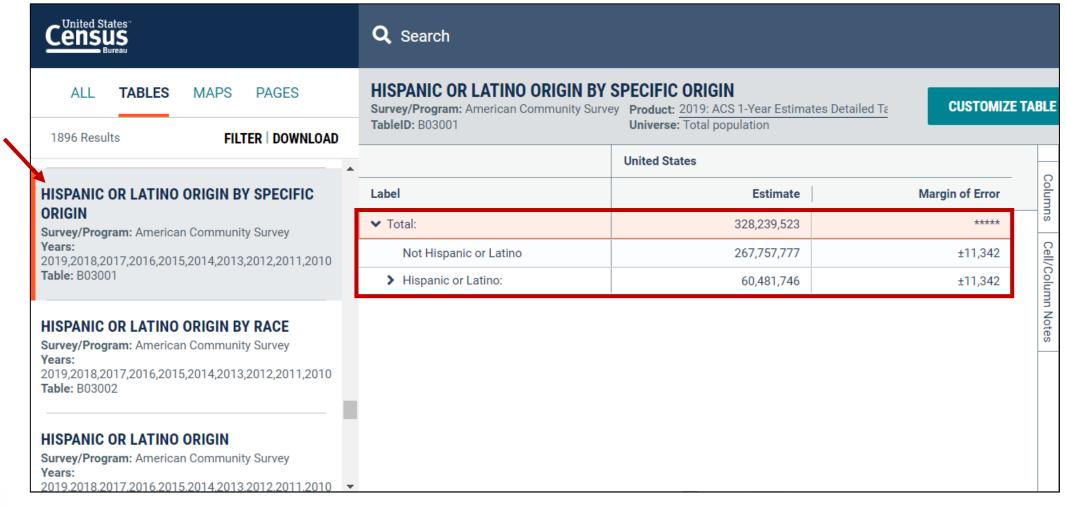


- Click a table title on the left to browse the available data:
 Race, B02001.
- View the distribution of the population by race in the U.S. Notice 100% of the population belong to one of these race categories.
- Click **Load More.**



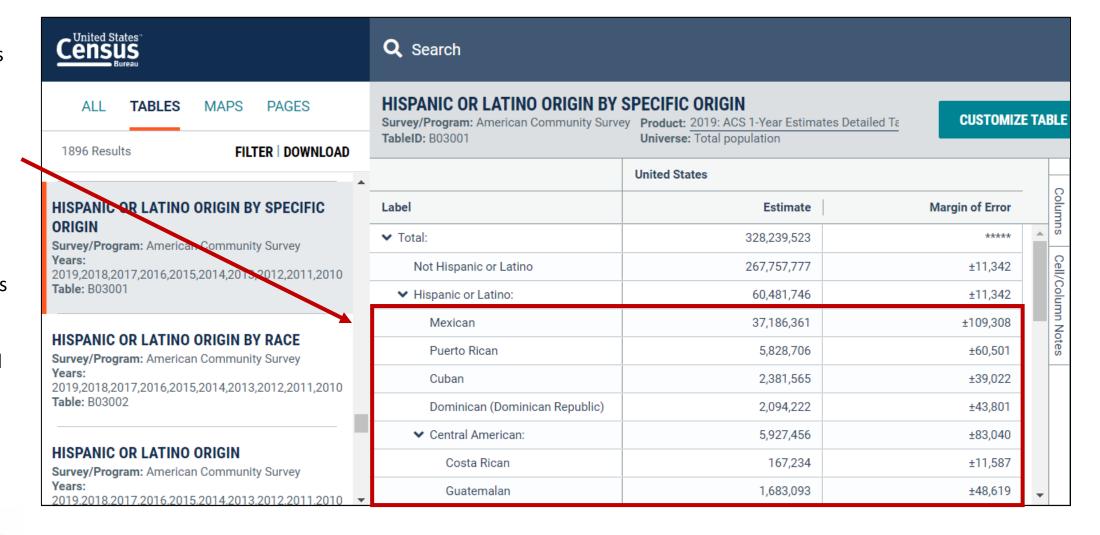


- Click a table
 title on the left
 to browse the
 available data:
 Hispanic or
 Latino Origin
 by Specific
 Origin, B03001
- View the distribution of the population by ethnicity in the U.S. Notice 100% of the population is categorized in the first two groups.



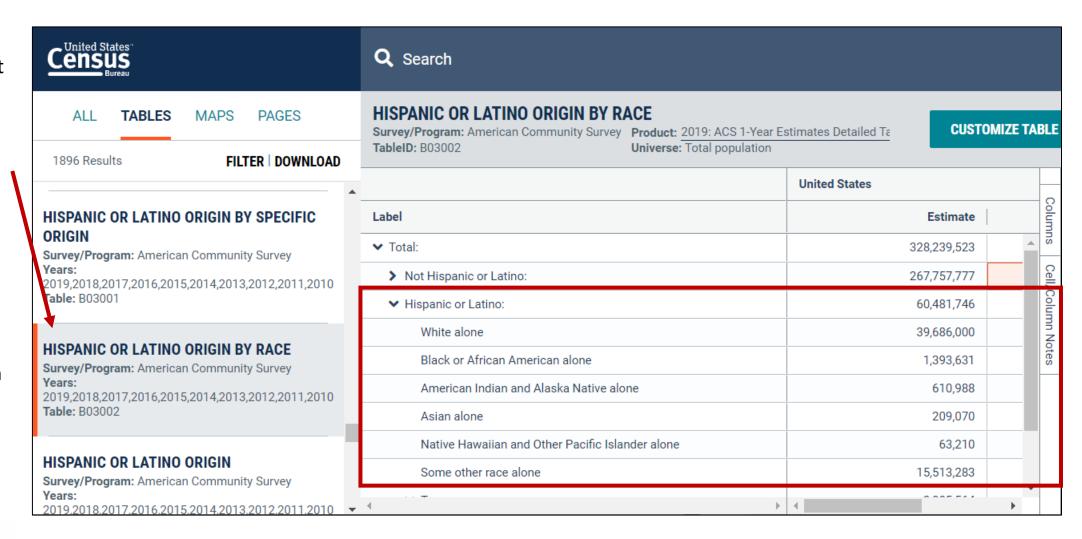


Some of these standard tables also show population totals for detailed population groups. This table shows detailed Hispanic groups (e.g. Mexican, Cuban, etc.) Other standard tables show population totals for detailed race groups.





- Click a table title on the left to browse the available data: Hispanic or Latino Origin by Race, B03002
- People of
 Hispanic or
 Latino origin
 may be of any
 race, as shown
 in this table.





Outline

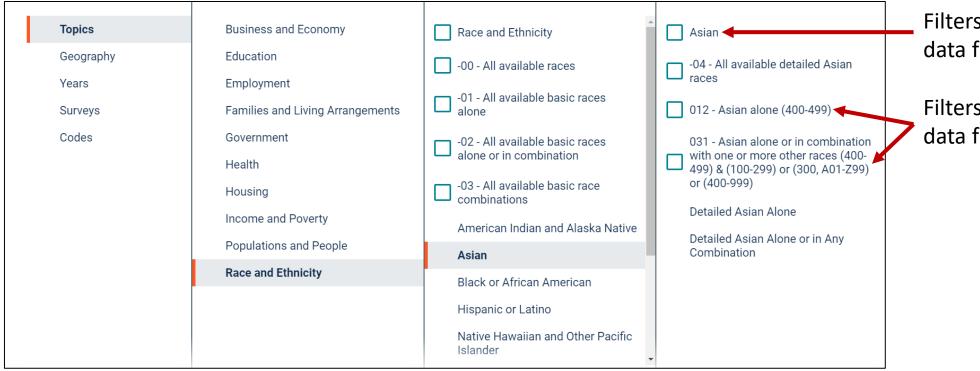
- Key Concepts for Race and Ethnicity
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Use Filters to Narrow Your Population Group

Select Topics → **Race and Ethnicity**

Drill into your desired level of detail and click a check box to select a group



Filters without codes provide data from standard tables.

Filters with codes provide data from iterated tables.



Standard Tables Compared To Iterated Tables





When to Use Standard Tables for Race and Ethnicity Data

Use standard tables when you need:

- Population totals for most basic and detailed race/ethnic groups
- Characteristics of basic race/ethnic groups

Advantages of standard tables:

- Data are more recent.
- Geographic coverage is greater in terms of:
 - Geographic levels included (block for decennial, block group for ACS)
 - Individual geographies included



Standard Tables: Popular Product Types

American Community Survey (ACS):

- Data Profiles
- Detailed Tables
- Subject Tables

Decennial Census

- Summary File 1
- Redistricting Data (P.L. 94-171)
- Summary File 3 (2000 Census)

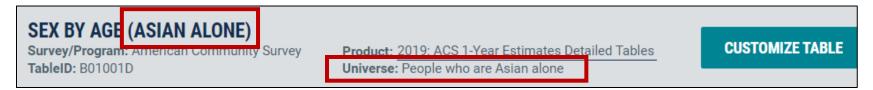
SEX BY AGE (ASIAN Survey/Program: American TableID: B01001D	•	Product: 2019: ACS 1-Year Estimates Detailed Table Universe: People who are Asian alone	
	United States		
Label		Estimate	Margin of Error
➤ Total:		18,636,984	±39,562
➤ Male:		8,831,268	±25,339
Under 5 years		456,705	±7,207
5 to 9 years		499,497	±10,738
10 to 14 years		525,697	±9,903
15 to 17 years		309 984	+5.816



Race and Ethnic Groups in Standard Tables

Race and ethnic groups appear in the:

- Table title
- Universe statement



Data rows of the table

	United States	United States	
Label	Estimate	Marg	Column
➤ Total:	328,239,523		S
White alone	236,475,401		Cell/
Black or African American alone	41,989,671		Cell/Column
American Indian and Alaska Native alone	2,847,336		
Asian alone	18,636,984		Notes
Native Hawaiian and Other Pacific Islander alone	628,683		



Table IDs Ending in A-I in Decennial Census and ACS

Table ID ending in:	Population Group	
А	White Alone	
В	Black or African American Alone	
С	American Indian and Alaska Native Alone	
D	Asian Alone	
E	Native Hawaiian and Other Pacific Islander Alone	
F	Some Other Race Alone	
G	Two or More Races	
H or I	White Alone, Not Hispanic or Latino	
H or I	Hispanic or Latino	



data.census.gov Demo

1. Distribution of Population by Race and Ethnicity

What is the distribution of the population in the United States by:

- Race
- Ethnicity
- Ethnicity by Race

2. Population Totals and Characteristics of Basic Race/Ethnic Groups

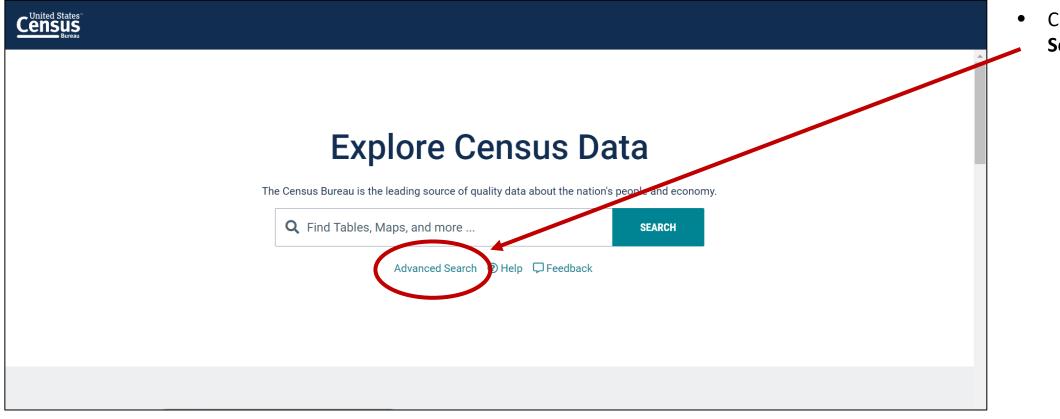
- a) How can I find the set of tables that provide population totals and characteristics of the Asian population? What is the sex by age breakout of Asians in the United States?
- b) How many people of Hispanic or Latino origin are living in poverty in Springfield, IL?

3. Characteristics of Detailed Race/Ethnic Groups

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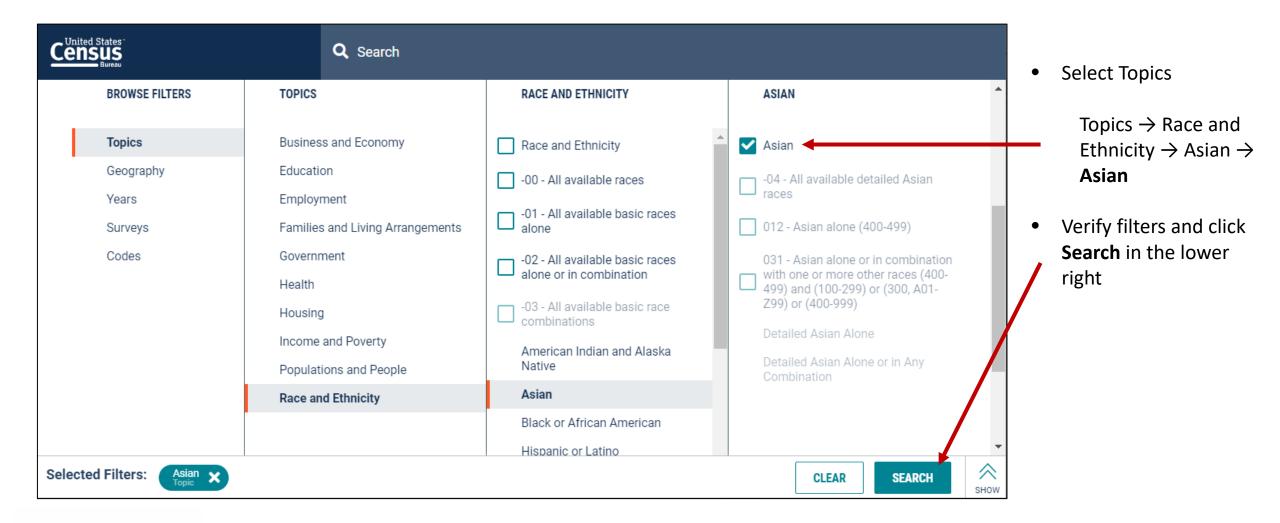
Select Advanced Search



Click **Advanced Search**

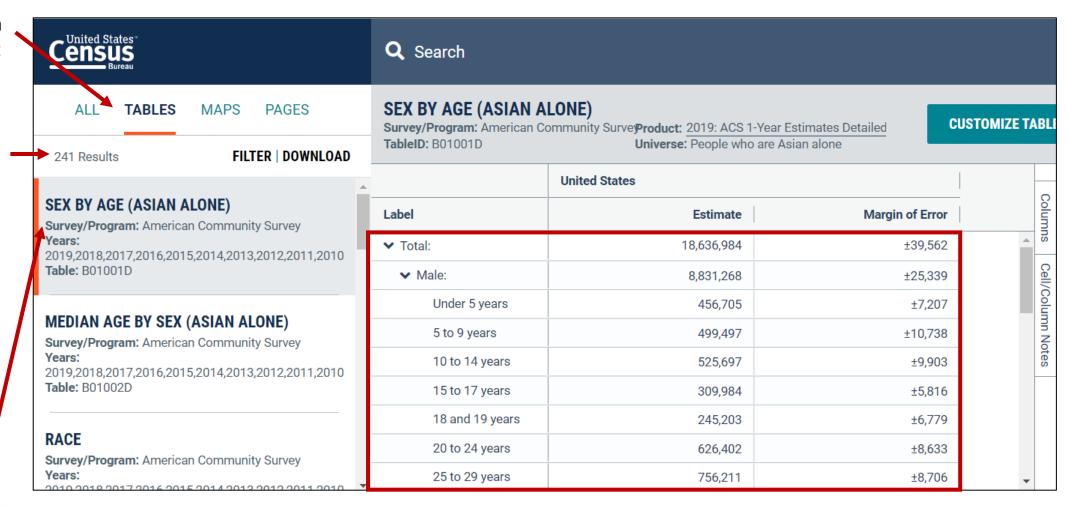


Select Topic: Asian





- Click **Tables** in the upper left
- A search for "Race and Ethnicity" provides 1,896 results whereas this search for "Asian" narrows results down to 241 tables
- View result for B01001D, Sex By Age (Asian alone)





data.census.gov Demo

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- Ethnicity by Race

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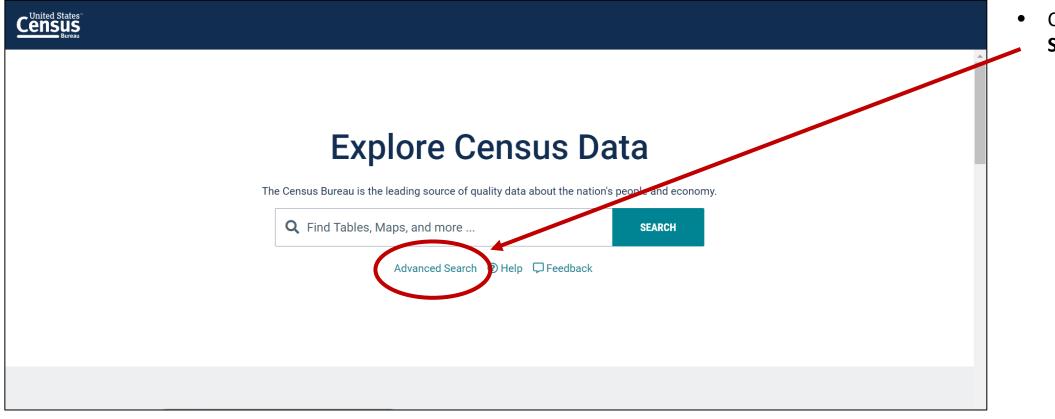
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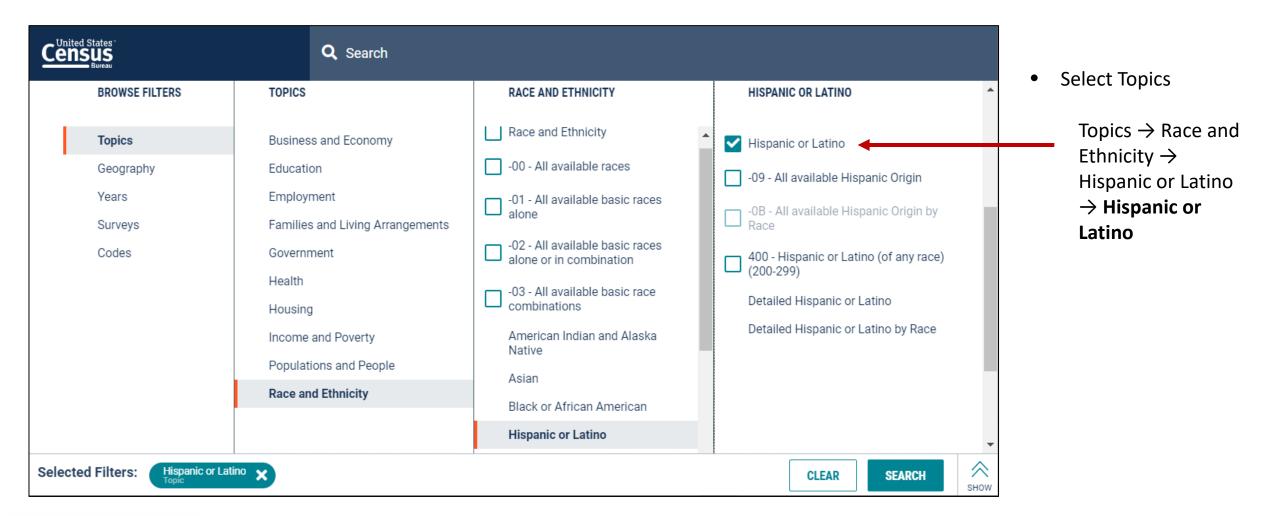
Select Advanced Search



Click **Advanced Search**

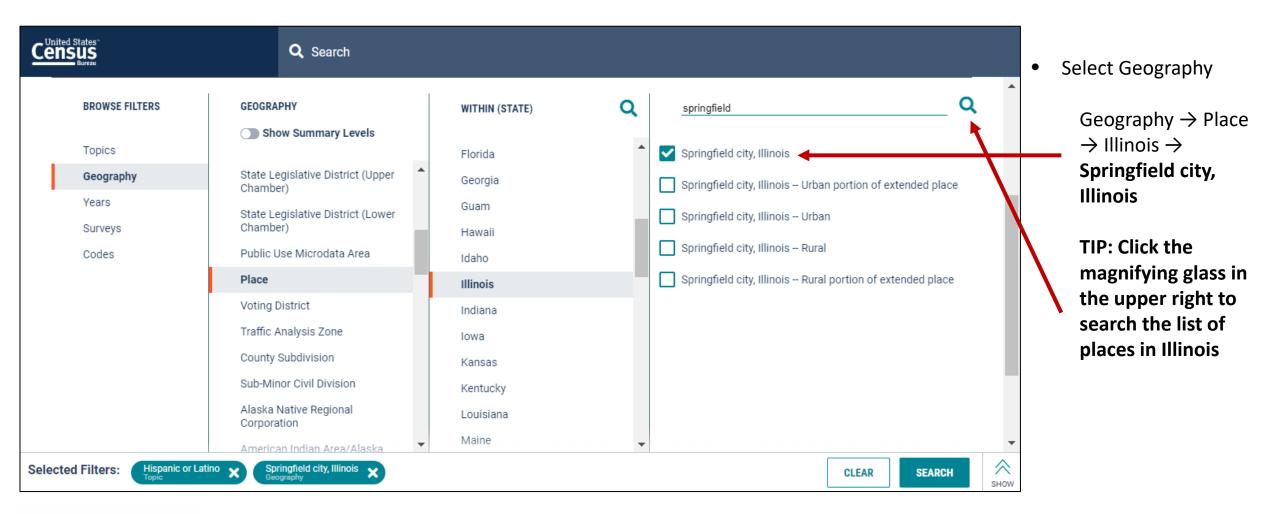


Select Topic: Hispanic or Latino



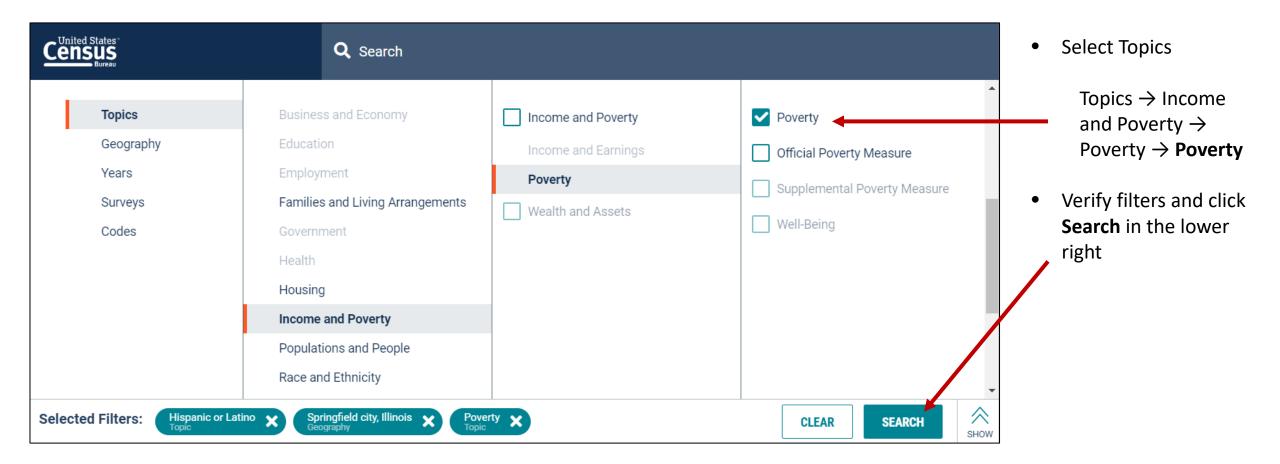


Select Geography: Springfield, IL



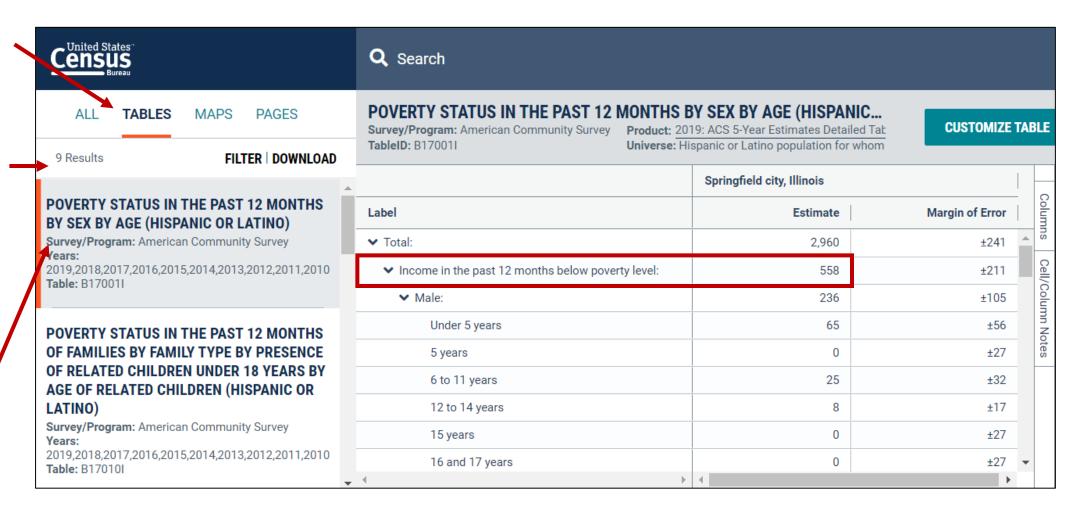


Select Topic: Poverty





- Click **Tables** in the upper left
- Adding filters for another topic (poverty) narrowed our results to just 9 tables
- View B17001I
 to see that
 there were
 558 Hispanic
 or Latino
 people living
 in poverty in
 Springfield, IL





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Basic and Detailed Population Groups

Basic Groups:

- White
- Black or African American
- American Indian and Alaska Native
- Asian
- Native Hawaiian and Other Pacific Islander
- Hispanic
- Not Hispanic

Examples of Detailed Groups:

- Japanese
- Korean
- Polynesian
- Cherokee
- Navajo Nation
- Mexican
- Puerto Rican



Iterated Tables: Product Types

American Community Survey (ACS):

- Selected Population Profiles
- Selected Population Tables
- American Indian and Alaska Native (AIAN) Tables

Decennial Census:

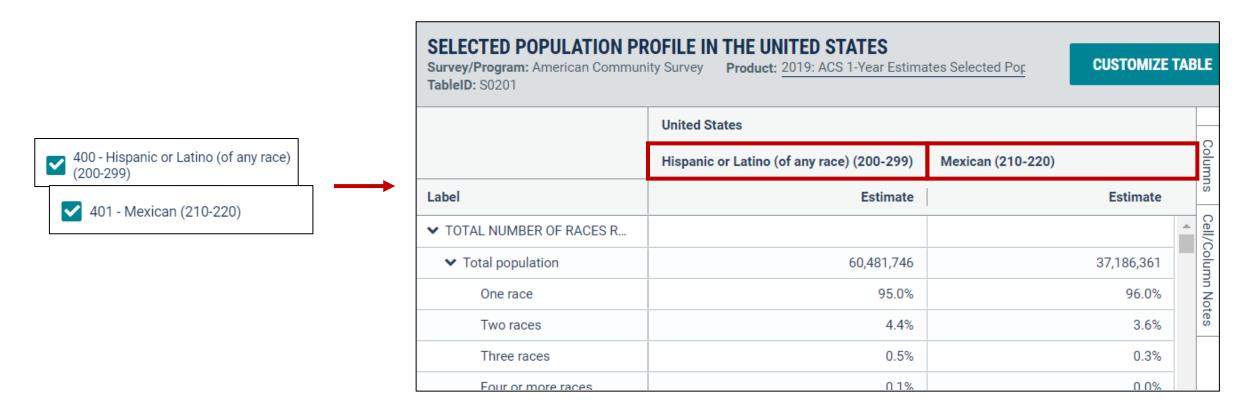
- Summary File 2
- Summary File 4
- American Indian and Alaska Native (AIAN) Summary File
- American Indian and Alaska Native (AIAN) Demographic Profile





Race and Ethnic Groups in Iterated Tables

Race and ethnic groups appear in the columns of iterated tables based on the population groups you selected in the advanced search filters.





When to Use Iterated Tables for Race/Ethnicity Data

Use iterated tables when you need:

- Characteristics of detailed race/ethnic groups
- Population totals for detailed race/ethnic groups not provided in the standard tables

Advantage of iterated tables:

Greater coverage of detailed population groups



data.census.gov Demo

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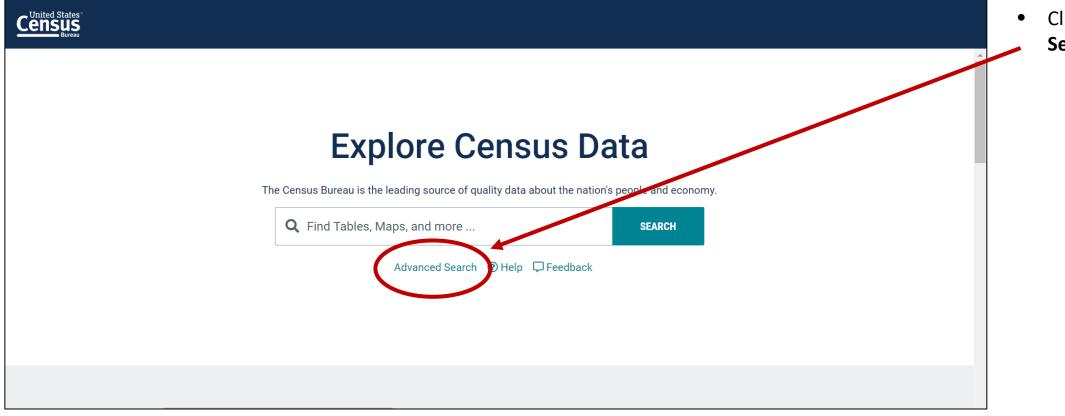
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Select Advanced Search



Click **Advanced Search**

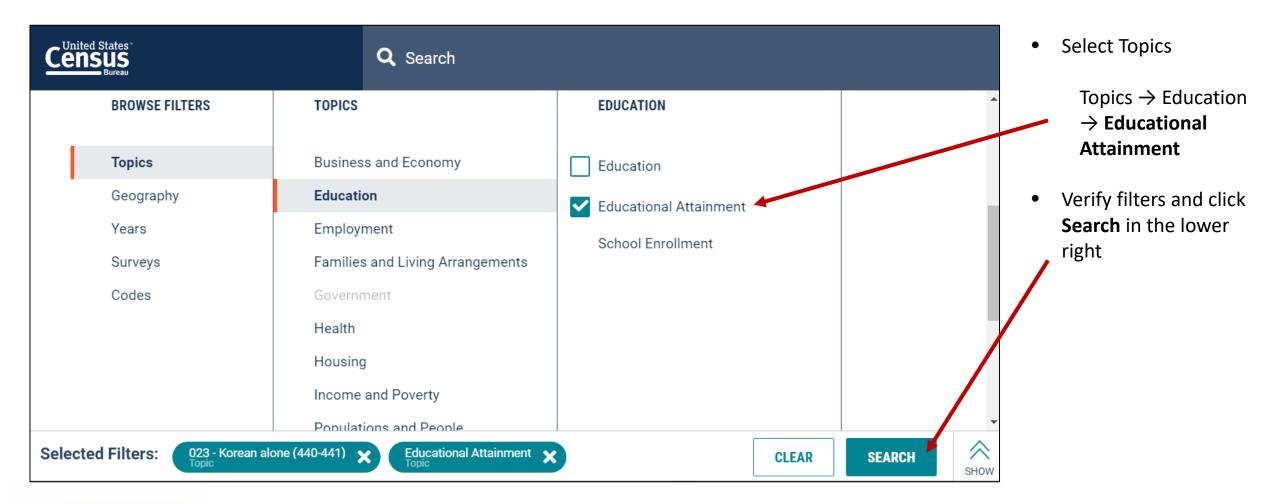


Select Topic: 023-Korean alone





Select Topic: Educational Attainment

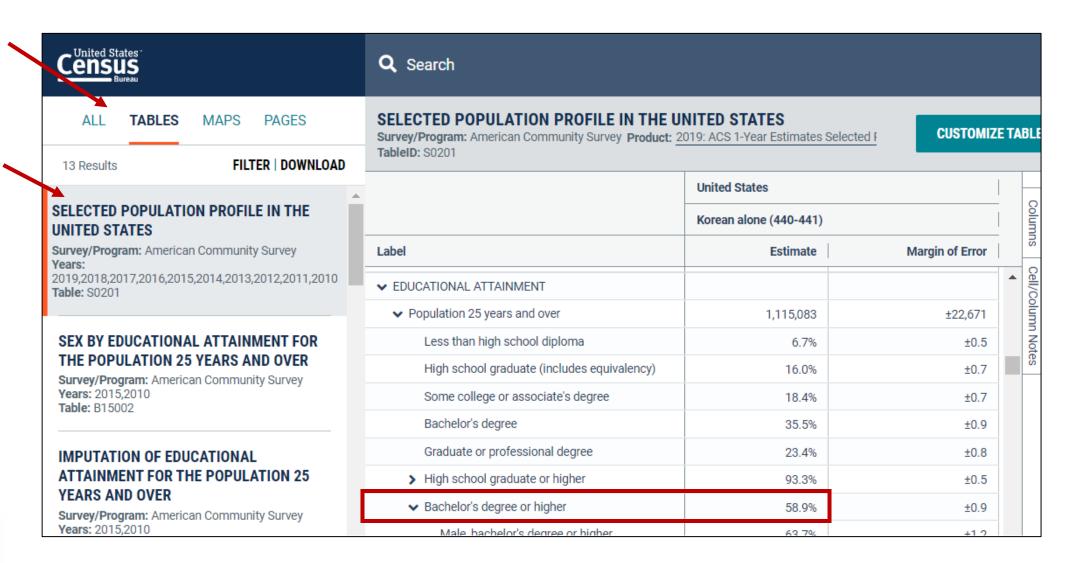




View Table Results

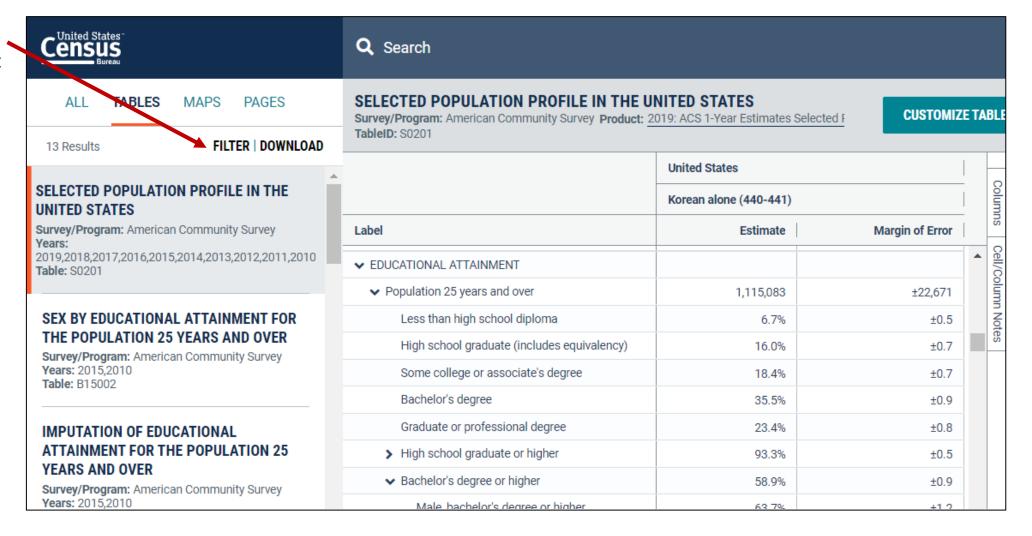
- Click **Tables** in the upper left
- Select S0201
 Selected
 Population
 Profile
- Scroll to the educational attainment section to see 58.9% of the Korean alone population has a bachelor's degree or higher





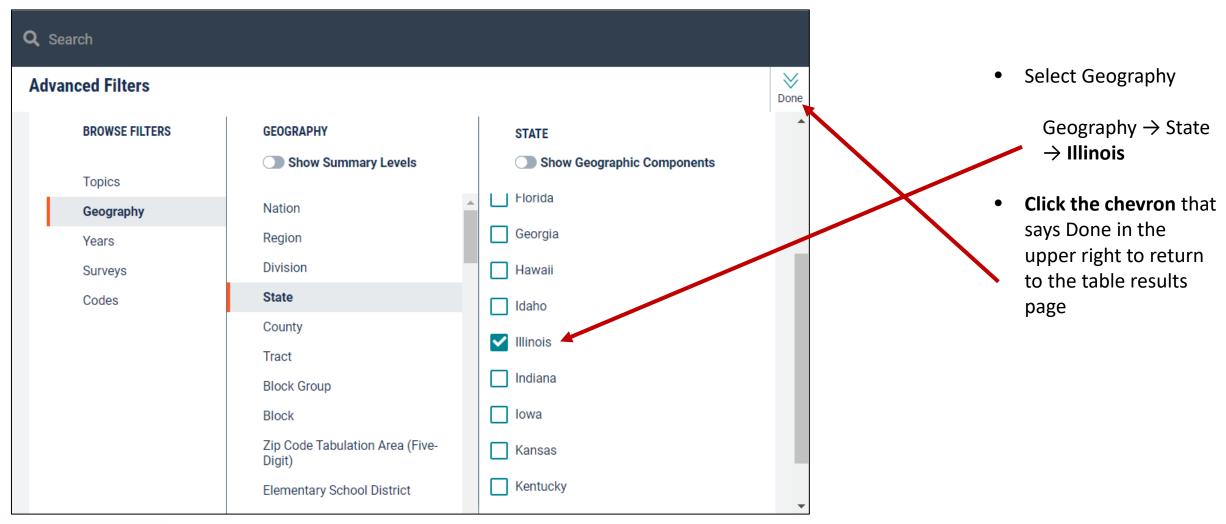
Click Filter to Add A Geography

 Click Filter in the upper left to select other geographies





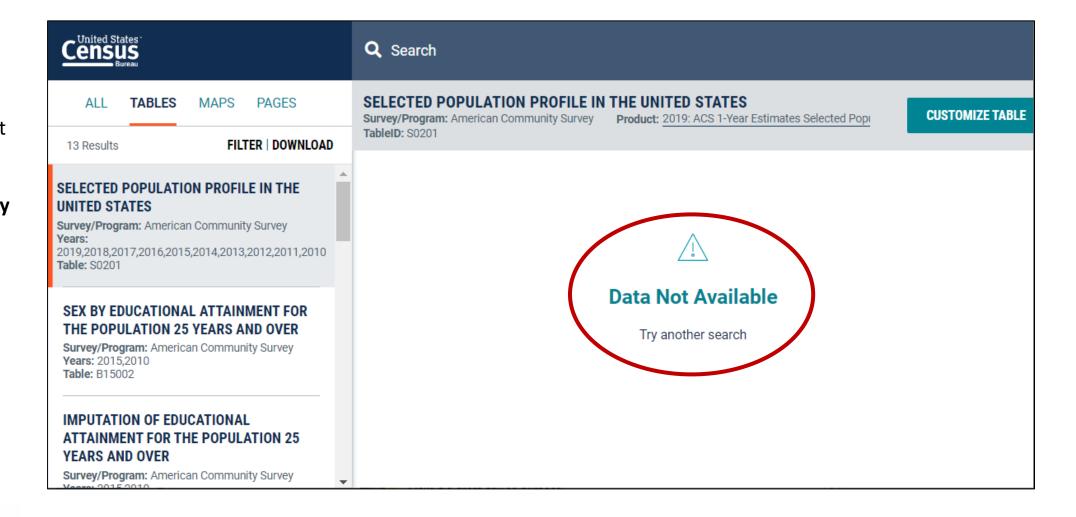
Select Geography: Illinois





View Table Results

Notice the first table result now has an error message that says "Data Not **Available. Try** another search" This is because population thresholds are not met for the geography.





View Table Results

- Click the second table result:
 B15002
- View your results, based on the 2015 ACS 5-Year Selected Population Tables. The table does not have percentages, but you can calculate your own if needed.





data.census.gov Demo

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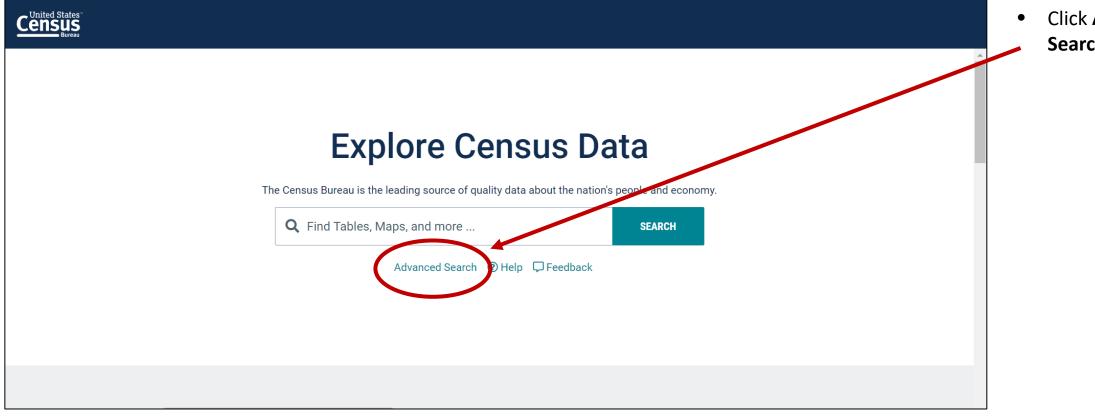
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Select Advanced Search

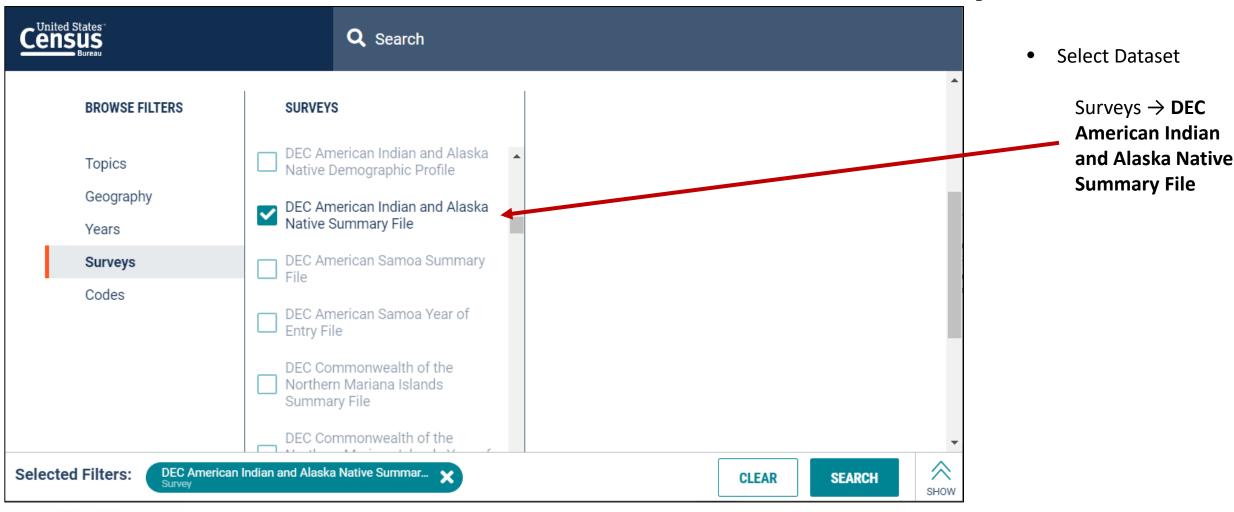


Click **Advanced Search**



Select Dataset:

DEC American Indian and Alaska Native Summary File

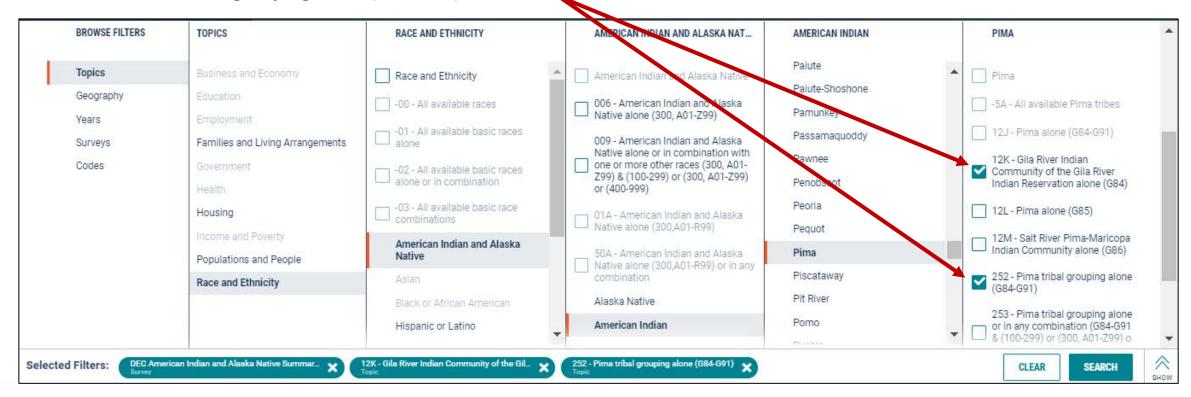




Select Topic: Gila River Indian Community & Pima Tribal Grouping

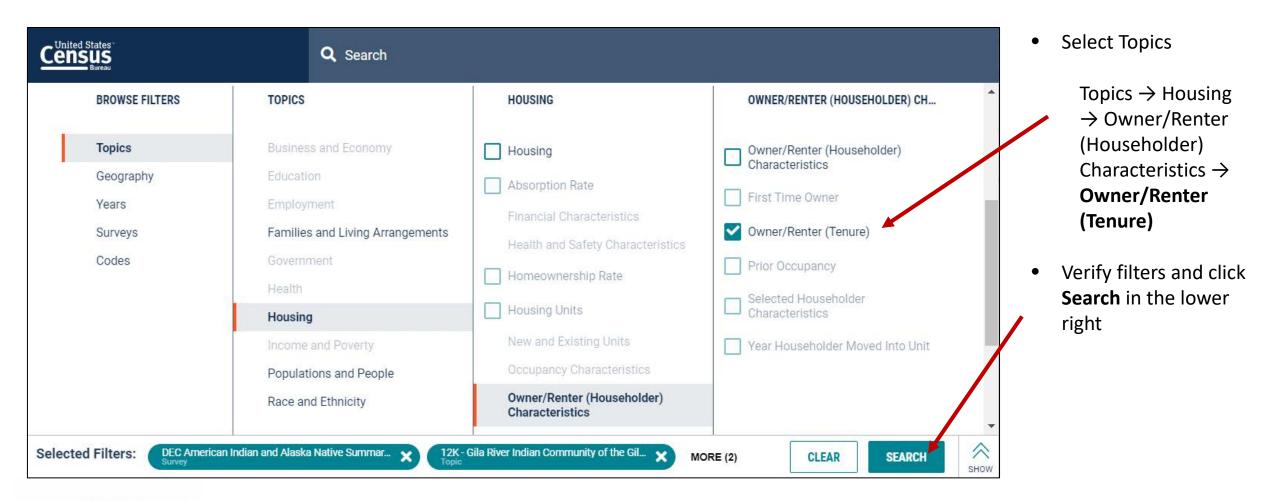
Select Gila River Indian Community and Pima tribal grouping:

- Topics \rightarrow Race and Ethnicity \rightarrow American Indian and Alaska Native \rightarrow American Indian \rightarrow Pima:
 - 12K Gila River Indian Community of the Gila River Indian Reservation alone (G84)
 - 252 Pima tribal grouping alone (G84-G91)





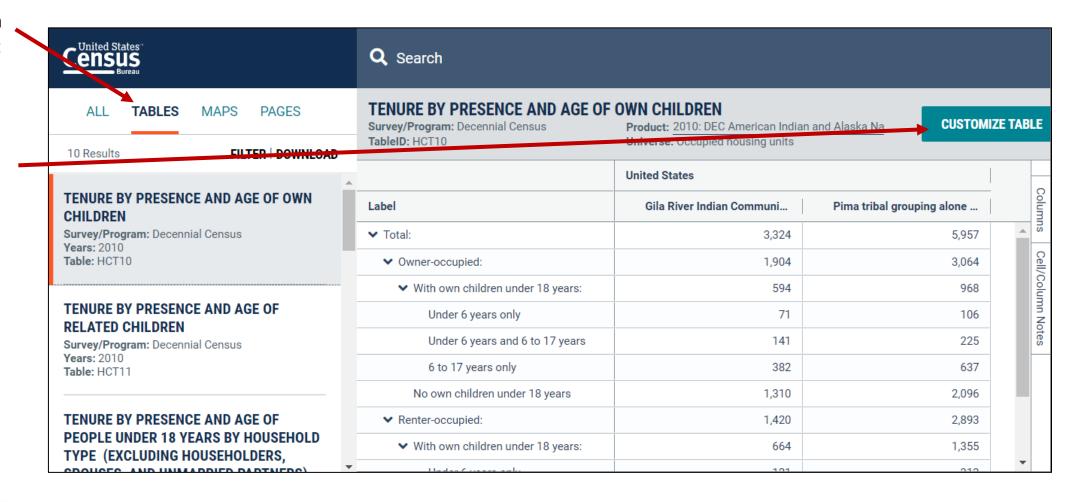
Select Topic: Owner/Renter (Tenure)





Click Customize Table

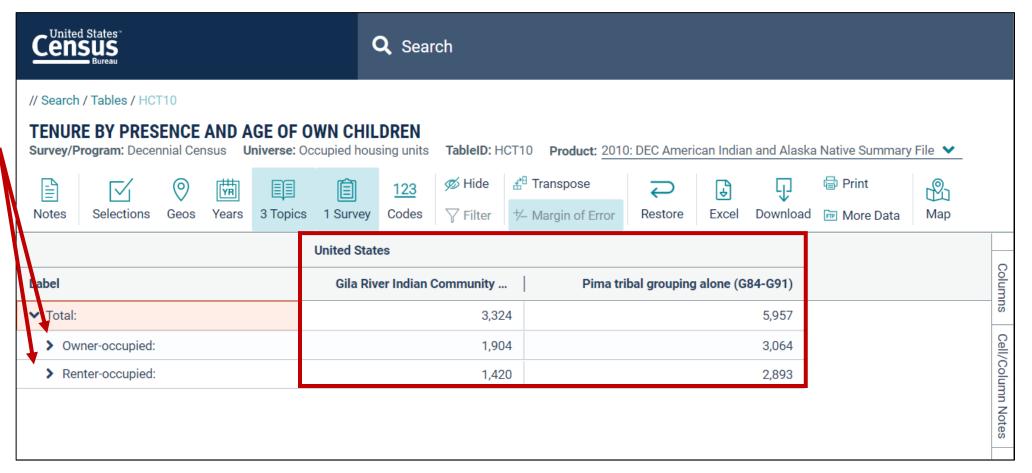
- Click **Tables** in the upper left
- Click
 Customize
 Table in the upper right





View Results

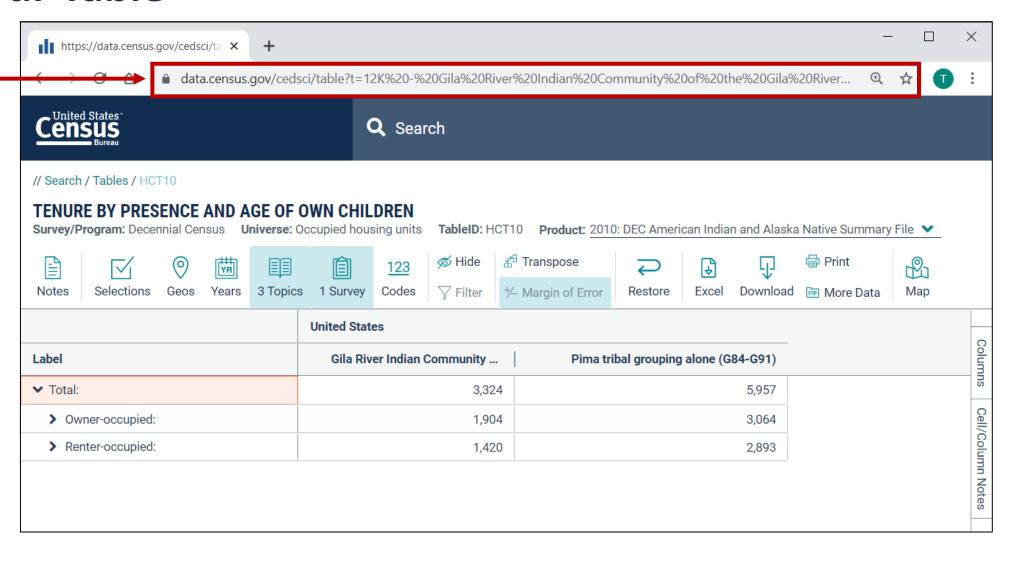
- Click the arrows next to owneroccupied and renter-occupied to collapse the level of detail shown
- View your results.
 Gila River Indian
 households are
 more likely to own
 the homes they
 occupy compared
 to the overall Pima
 tribal grouping





Save Your Table

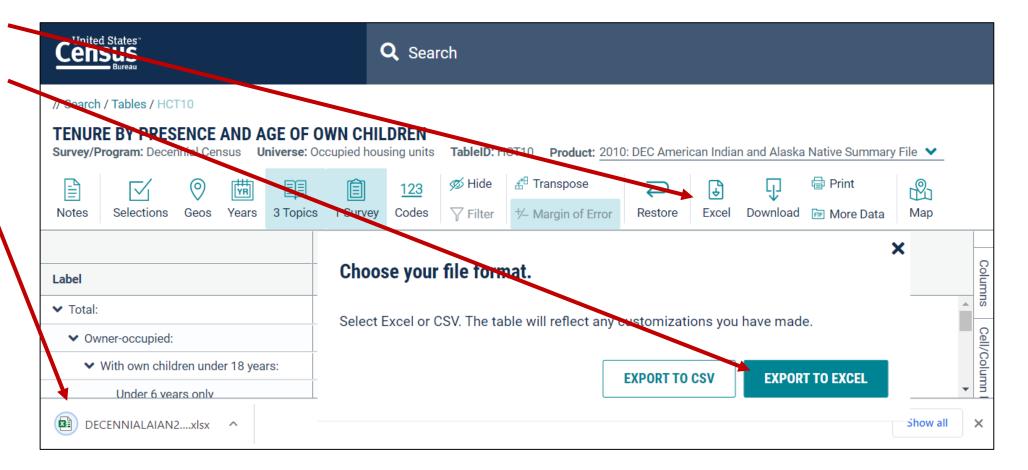
 Copy the URL from your address bar to return to this table result later





Export to Excel

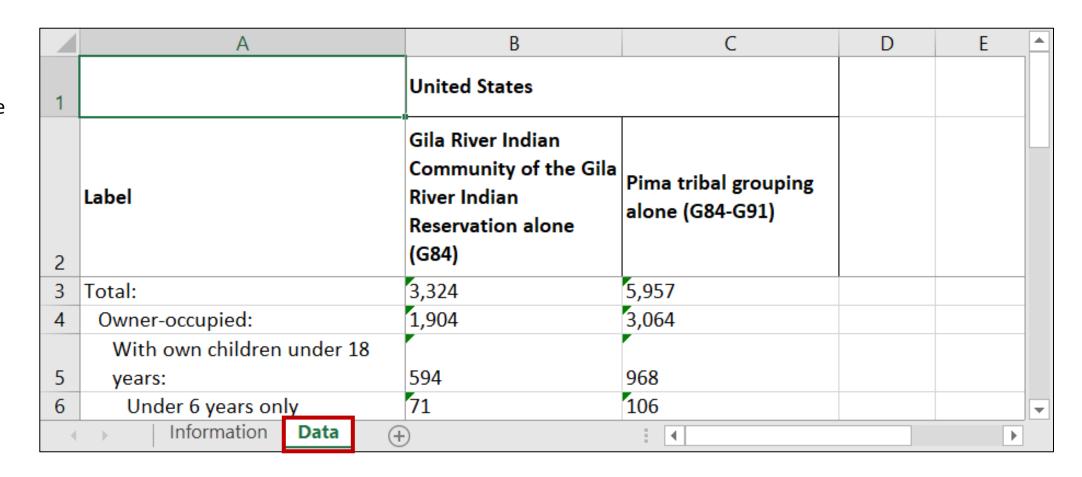
- Click Excel
- Choose Export to Excel
- Open file





View Exported File

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





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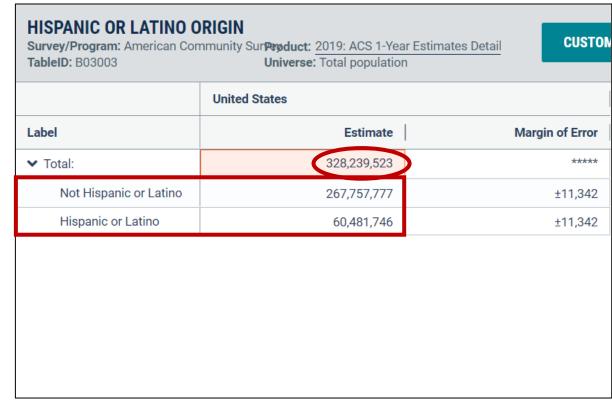


Why Do the Race/Ethnic Groups Not Add Up To 100%?

Most often, this occurs when users report data for the full Hispanic population with race groups.

The U.S. Census Bureau collects race and ethnicity according to OMB standards, and they are two distinct concepts.

RACE Survey/Program: American Community Surreduct: 2019: ACS 1-Year Estimates Detail TableID: B02001 Universe: Total population				
	United States	Margin of Error		
Label	Estimate			
➤ Total:	328,239,523	****		
White alone	236,475,401	±99,212		
Black or African American alone	41,989,671	±77,381		
American Indian and Alaska Native alone	2,847,336	±33,671		
Asian alone	18,636,984	±39,562		
Native Hawaiian and Other Pacific Islander alone	628,683	±17,795		
Some other race alone	16,352,553	±122,060		
> Two or more races:	11,308,895	±119,592		



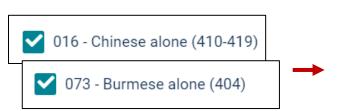


Why Am I Getting "Data Not Available" Message? Why Do I Not See Columns for All Selected Race/Ethnic Groups?

Minimum population and/or unweighted sample case requirements have not been met.

Use a higher-level race group, ethnic group, or geography. Or use iterated tables that have lower population thresholds.









Examples of Thresholds for Iterated Tables

Requirement	Population Group Requirement Applies To:	Geography Requirement Applies To:	ACS 1-Year Selected Population Profiles	ACS 5-Year American Indian and Alaska Native Tables	2010 Census Summary File 2
Population Threshold	Total Population	Selected Geography	500,000		
Population Threshold	Selected Race/Ethnic Groups	United States		100	1,000
Population Threshold	Selected Race/Ethnic Groups	Selected Geography	65,000		100
Unweighted Sample Cases	Selected Race/Ethnic Groups	Selected Geography	50	50	



Thresholds for Iterated Tables

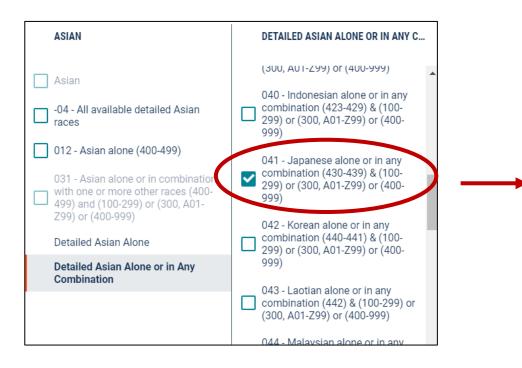
Explore the technical documentation to learn about population thresholds for each dataset:

- American Community Survey: https://www.census.gov/programs-surveys/acs/technical-documentation/race-ethnicity-aian.html
- 2010 Census: https://www.census.gov/programs-surveys/decennial-census/guidance/2010/2010-data-products-at-a-glance.html
- 2000 Census: https://www.census.gov/programs-surveys/decennial-census/guidance/2000.html



How Do I Get Data for "In Combination" Race Groups?

Due to a current defect, "in combination" filters are providing data for total population instead of your selected group.



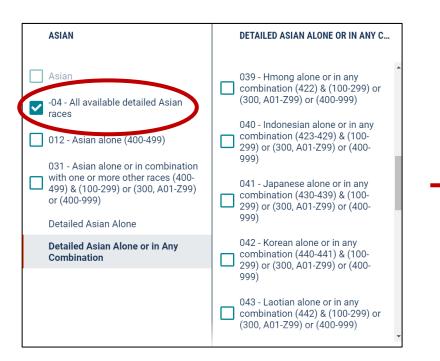
Survey/Program: American (TableID: B19001	Universe: Households	Year Estimates Selected Pop			
	United States				
	Total population				
Label	Estimate	Margin of Erro			
✔ Total:	116,926,305	±226,951			
Less than \$10,000	8,421,482	±18,763			
\$10,000 to \$14,999	6,161,477	±15,350			
\$15,000 to \$19,999	6,139,644	±16,066			
\$20,000 to \$24,999	6,227,524	±15,413			
\$25,000 to \$29,999	5,852,048	±17,935			



How Do I Get Data for "In Combination" Race Groups? (continued)

Due to a current defect, "in combination" filters are providing data for total population instead of your selected group.

Use the higher-level "All Available" check boxes as a workaround

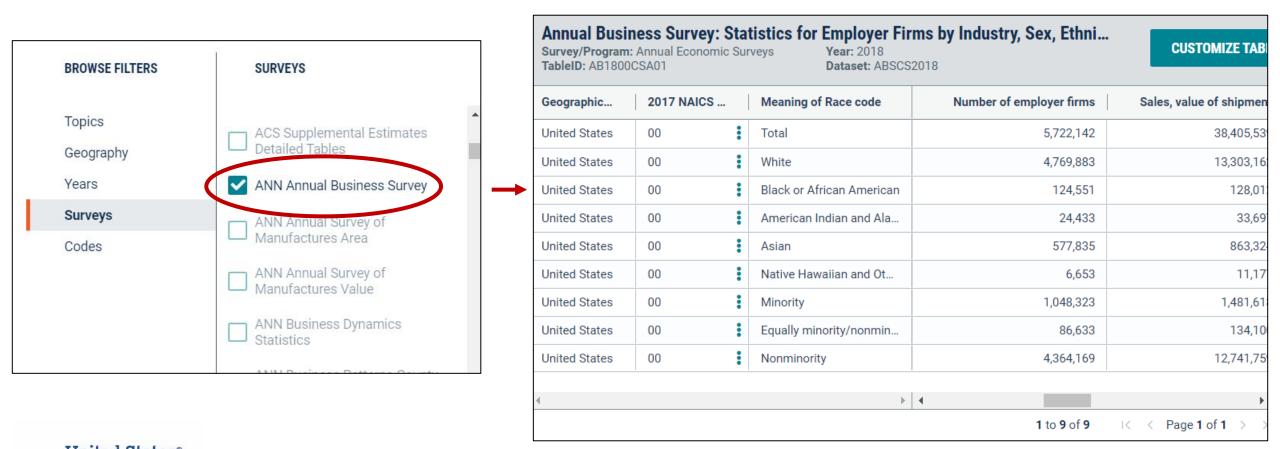






How Do I Find Business Data by Race and Ethnicity?

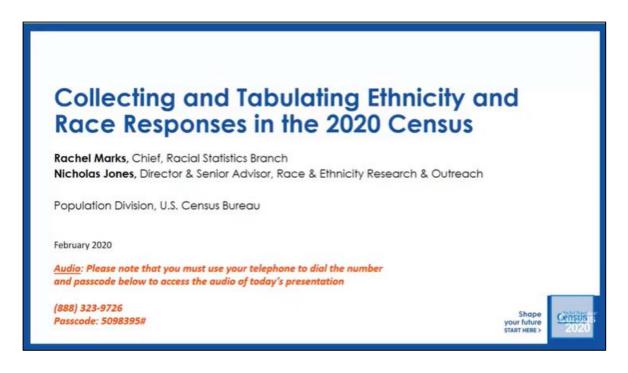
Data are provided through the Annual Business Survey (current) and the Survey of Business Owners (historical)





How Is Race and Ethnicity Collected for the 2020 Census?

View the recorded webinar below or contact subject matter experts for questions about race and ethnicity in the 2020 Census. Today's webinar focuses on accessing race and ethnicity in data.census.gov, currently available through 2019.



Rachel.Marks@census.gov

Nicholas.A.Jones@census.gov

census.gov/data/academy/webinars/2020/collecting-and-tabulating-ethnicity-and-race-responses-in-2020-census.html



Questions

Media:

Public Information Office

U.S. Census Bureau

pio@census.gov

301-763-3030

Public:

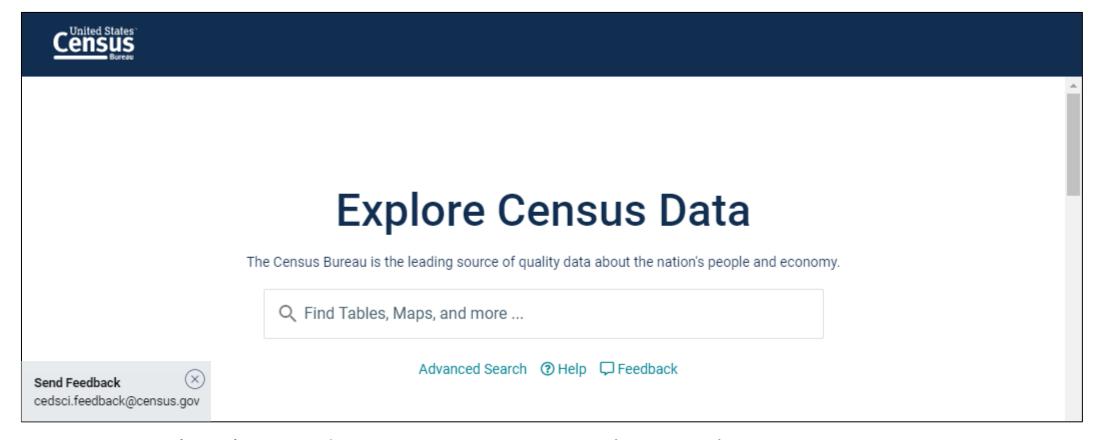
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U.S. Census Bureau

cedsci.feedback@census.gov



Our Development Depends on YOUR Feedback



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



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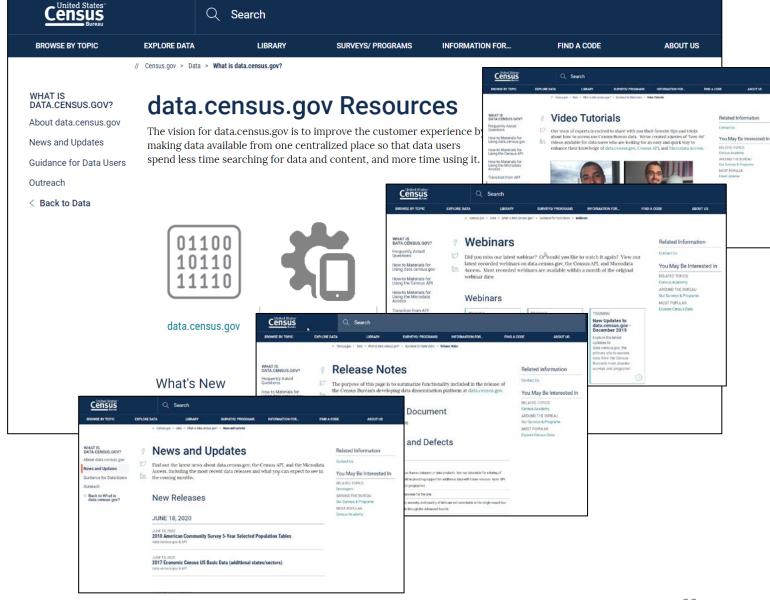
data.census.gov Resources page:

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

Census Academy:

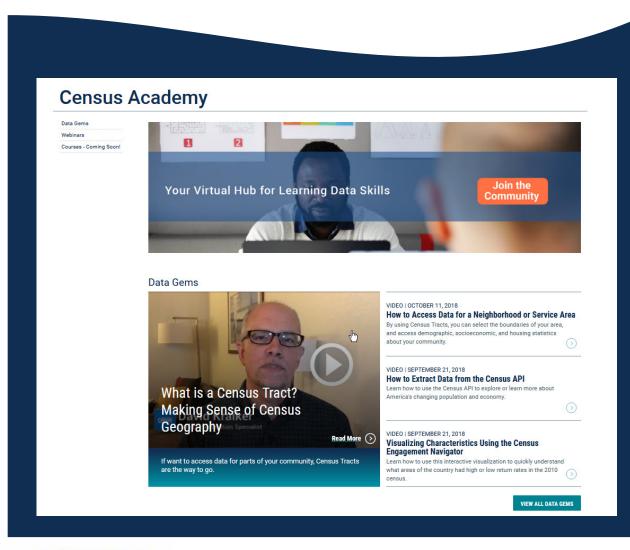
census.gov/data/academy/webinars
/upcoming.html

Feedback: Email comments to cedsci.feedback@census.gov





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census.askdata@census.gov 1-844-ASK-DATA

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Webinar Evaluation



https://questionweb.com/59212/

