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California State Data Users Meeting
November 4, 2021

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Center for Enterprise Dissemination (CED)
U.S. Census Bureau
1. Getting started using the Single Search bar
   Example: 2020 Decennial Census tables for Sacramento County and the Geographic Profile

2. Getting started using the Advanced Search
   Example: 2020 Redistricting Data for all counties in California

3. Using the Single Search bar in conjunction with the Advanced Search
   Example: Tables P1 and P2 (Race and Hispanic origin data) for a block in San Diego County

4. Using the Advanced Search to compare data across time and geographies
   Example: Hispanic or Latino for all Census Tracts in Los Angeles County

5. Finding Business Data (Searching by Industry)
   Example: Economic data for the Health Care and Social Assistance industry for ZIP Code (90210) in California

6. Microdata Access (MDAT)
   Example: Females with Income of $40,000 or more in the United States
   Example: Single Year of Age for Unmarried People Ages 21 to 35 in California

7. Resources
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7. **Resources**
2020 Decennial Census tables for Sacramento County, California

Access all of the 2020 Decennial Census tables for Sacramento County, California

Use the Single Search Bar

- Type “2020 Decennial Census Sacramento California” in the single search bar and click on the magnifying glass icon
- View the total population of Sacramento
- View all 6 tables that are available from the 2020 Redistricting data
- Access the Sacramento Geographic Profile to view a range of data on the county
Sacramento County, California has 945.8 square miles of land area and is the 43rd largest county in California by total area. Sacramento County, California is bordered by Sutter County, California, Amador County, California, El Dorado County, California, San Joaquin County, California, Yolo County, California, Placer County, California, Solano County, California, and Contra Costa County, California.
Visualizations of Census Bureau data for Sacramento County

Click a table title for more information on the topic

Table: Race
Table Survey/Program: 2020 Decennial Census

Asian
281,733
Asian alone in Sacramento County, California

6,085,947
Asian alone in California

Table: Race
Table Survey/Program: 2020 Decennial Census

Total: 1,265,015
Population of one race:
White alone: 715,722
Black or African American alone: 152,719
American Indian and Alaska Native alone: 16,687
Asian alone: 267,738
Native Hawaiian and Other Pacific Islander alone: 18,914
Some Other Race alone: 165,585
Population of two or more races:
White, Black or African American: 21,622
White, American Indian and Alaska Native: 21,884
White, Asian: 1,533
White, Native Hawaiian and Other Pacific Islander: 2,729
White, Some Other Race: 67,042
Black or African American, American Indian and Alaska Native: 3,339
Black or African American, Asian: 4,287
Black or African American, Native Hawaiian and Other Pacific Islander: 849
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7. **Resources**
Go to the Advanced Search and add filters

- Click on the Advanced Search button beneath the Single Search bar.

- Click on Surveys > Decennial Census > Redistricting Data (PL 94-171) to narrow the search to tables from this product.

- Click Geography > County > Arizona > All Counties within California to add the geographies to the search.

- Verify filters and click Search in the lower right.
Navigate to Tables

- Click **Tables** in the upper left.
- Defaults to table P1 for all the counties in California.
- Confirm that the data is from the 2020 Redistricting Data using the Product menu.
- To view another table, click on any one from the list on the left.
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7. **Resources**
Use Single Search bar to search Table ID(s)

- Type “P1 P2” into the Single Search bar and click on the search button
Finding the tract and block numbers

• Tables P1 and P2 are returned.

• Click Maps in the upper left. The map is blank and defaults to the entire US.

• Click on the Geographies menu and select Census Block.
Finding the tract and block numbers

- The map will automatically zoom in to the default of Kansas to view the blocks.

- Zoom out and manually navigate to San Diego County

- Once map is on San Diego County, zoom in until you locate the block of interest. The one needed is Block 3010 in Census Tract 201.10
Adding filters using the Advanced Search panel

- Now that the block and tract numbers are known, click **Tables** in the upper left.

- By default, you get data for all the states in the US.

- Click on the **Filter** button to add the desired geographies.
Adding geography filter

- This opens the Advanced Search panel
- Click on Geography > Block > California > San Diego County, California > Census Tract 201.10, San Diego County, California
- Click on the Done button to update the tables with the selected geographies
### RACE

**Survey/Program:** Decennial Census  
**Table:** P1

#### Population of one race:
- Total: 84
- White alone: 52
- Black or African American alone: 10
- American Indian and Alaska Native alone: 1
- Asian alone: 0
- Native Hawaiian and Other Pacific Islander alone: 0
- Some Other Race alone: 41

#### Population of two or more races:
- Total: 32
- White; Black or African American: 0
- White; American Indian and Alaska Native: 2
- White; Asian: 0
- White; Native Hawaiian and Other Pacific Islander: 0
- White; Some Other Race: 30
- Black or African American; American Indian and Alaska Native: 0
- Black or African American; Asian: 0
- Black or African American; Native Hawaiian and Other Pacific Islander: 0
- Black or African American; Some Other Race: 0
- American Indian and Alaska Native; Asian: 0
- American Indian and Alaska Native; Native Hawaiian and Other Pacific Islander: 0
- American Indian and Alaska Native; Some Other Race: 0
- Asian; Native Hawaiian and Other Pacific Islander: 0
- Asian; Some Other Race: 0
- Native Hawaiian and Other Pacific Islander; Some Other Race: 0
Customize Your Table: Adjust Column Width

- Adjust the column width by dragging left/right in the column header
Save Your Table

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

- To print the table, click **Customize Table**
- Click on the **Print** button
- Click **Print Anyway**

Printing this table will only include the first page of data and the associated table notes. For the complete table, click **Export to Excel**.
Print Table

- Adjust the page settings as needed
- Print to printer or save as PDF
1. **Getting started using the Single Search bar**
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7. **Resources**
Go to the Advanced Search and add filters

- Click on the Advanced Search button beneath the Single Search bar.
- Click on Surveys > Decennial Census > Redistricting Data (PL 94-171) to narrow the search to tables from this product.
- Click Geography > Tract > California > Los Angeles County, Arizona > All Census Tracts within Los Angeles County, California to add the geographies to the search.
- Click Topics > Race and Ethnicity > Hispanic or Latino > Hispanic or Latino.
- Verify filters and click Search in the lower right.
View Table Results

- Click Tables in the upper left
- Find an estimate that you would like to map
Navigate to Map

- Click Maps in the upper left
- Click your table of interest
- Verify the map is set to the census tract level, and that it is zoomed to census tracts in Los Angeles County
Adding geographies using the map

To add a single geography using the map

- Left click on the geography that you want to add
- Click on Select

To add multiple geographies at once

- Click on the Select button
- Click on the geography of interest and hold the click as you drag the mouse over the desired geos to create the box – any geos touching the box will be selected
Select Your Variable

From the Map View

- Select the Data Variable dropdown menu
- Find and click the variable that says Total: -- Hispanic or Latino
- View the updated map
Compare Maps Across Time

• The map defaults to the 2020 Redistricting Data. To view data in the map for the same table from the 2010 Redistricting Data, click on the chevron and select 2010.

• View the updated map.
Customizing the Map

- Return to the map of the 2020 Redistricting data by selecting 2020 again.
- Click on the Customize Map button.
• Click on the cog icon to apply customizations to the map
• Click **View Table** in the left navigation panel
• View table with all of your geographies
• Click **Go to Full Table** to download the full set of data
### Download Table

1. **Click Download Table** from the Customize Table view.

2. **Verify the years** you would like to download.

3. **Click Download**.
• Once the status reaches 100%, click **Download Now**

• Open the .zip file and double click the file that has “data with overlays” in the name
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<th>P2_005N</th>
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<th>P2_007N</th>
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<th>P2_010N</th>
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</tbody>
</table>
Export to Excel

- Return to table P2 and click **Done** to close the Download panel.
- Click on the **Excel** button to export the entire table.
- Choose between exporting to CSV or exporting to Excel.
# View Exported Table

## Hispanic or Latino, and Not Hispanic or Latino by Race

<table>
<thead>
<tr>
<th>Label</th>
<th>Census Tract 1011.10, Los Angeles County, California</th>
<th>Census Tract 1011.22, Los Angeles County, California</th>
<th>Census Tract 1012.20, Los Angeles County, California</th>
<th>Census Tract 1012.21, Los Angeles County, California</th>
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<th>Census Tract 1013, Los Angeles County, California</th>
<th>Census Tract 1014, Los Angeles County, California</th>
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<tbody>
<tr>
<td>Total</td>
<td>4,926</td>
<td>4,728</td>
<td>5,344</td>
<td>5,444</td>
<td>5,808</td>
<td>5,698</td>
<td>5,898</td>
</tr>
<tr>
<td>Hispanic or Latino</td>
<td>3,545</td>
<td>3,186</td>
<td>3,263</td>
<td>3,266</td>
<td>3,178</td>
<td>3,040</td>
<td>3,211</td>
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<tr>
<td>Not Hispanic or Latino:</td>
<td>3,368</td>
<td>3,067</td>
<td>2,162</td>
<td>1,757</td>
<td>2,640</td>
<td>2,640</td>
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<tr>
<td>Population of one race:</td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
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<td>White alone</td>
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<td>1,840</td>
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<tr>
<td>Asian alone</td>
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<td>246</td>
<td>148</td>
<td>352</td>
<td>320</td>
</tr>
<tr>
<td>Native Hawaiian and Other Pacific Islander alone</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>White; Black or African American</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Population of two or more races:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Population of two races:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>White; Black or African American</td>
<td>10</td>
<td>10</td>
<td>12</td>
<td>7</td>
<td>9</td>
<td>2</td>
<td>17</td>
</tr>
</tbody>
</table>
More Data to Access FTP

The link below will take you to a FTP or census website to download larger data files from a directory. The data will not reflect any customizations you have made here.

CONTINUE TO SITE

www2.census.gov/programs-surveys/decennial/2020/data/

Name | Last modified | Size |
---|---|---|
Parent Directory | - | |
01-Redistricting_File--PL_94-171/ | 12-Aug-2021 13:23 | |
2020map/ | 23-Mar-2020 09:47 | |
apportionment/ | 01-Sep-2021 11:00 | |
blockgroup/ | 28-Oct-2020 15:00 | |
operational-quality-metrics/ | 25-Aug-2021 09:01 | |
redistricting-supplementary-tables/ | 10-Aug-2021 14:53 | |
tracking-response-rates/ | 09-Jun-2021 17:49 | |
1. Getting started using the Single Search bar
   Example: 2020 Decennial Census tables for Sacramento County and the Geographic Profile

2. Getting started using the Advanced Search
   Example: 2020 Redistricting Data for all counties in California

3. Using the Single Search bar in conjunction with the Advanced Search
   Example: Tables P1 and P2 (Race and Hispanic origin data) for a block in San Diego County

4. Using the Advanced Search to compare data across time and geographies
   Example: Hispanic or Latino for all Census Tracts in Los Angeles County

5. Finding Business Data (Searching by Industry)
   Example: Economic data for the Health Care and Social Assistance industry for ZIP Code (90210) in California

6. Microdata Access (MDAT)
   Example: Females with Income of $40,000 or more in the United States
   Example: Single Year of Age for Unmarried People Ages 21 to 35 in California

7. Resources
   36  2020CENSUS.GOV
Select NAICS

Using the advanced search

- Select NAICS 62 – Health care and social assistance
  Codes → Industry Codes (NAICS) → 62 – Health care and social assistance → 62 – Health care and social assistance
Select Geography: ZIP Code 90210 in Beverly Hills

- Select Geography → 5-Digit ZIP Code → California → 90210
  Tip: Use the magnifying glass to search the list of ZIP codes
- Verify filter and click Search in the lower right
Choose Table and View Results

- Click **Tables** in the upper left
- Select your table
- View your results
Customize Table

- Click Customize Table in the upper right
Filtering

• Click on the Filter button in the ribbon

• Click on the chevron next to Number of establishments and select ‘Less than’

• Enter desired threshold in the box below the ‘Less than’ box

• This filters the table to show only those with less than 100 establishments

• Click on the Filter button again to hide the panel
Table Notes

- Click on the Notes button in the ribbon to view notes about the table.
- Click on the Notes button again to hide the panel.
1. Getting started using the Single Search bar
   Example: 2020 Decennial Census tables for Sacramento County and the Geographic Profile

2. Getting started using the Advanced Search
   Example: 2020 Redistricting Data for all counties in California

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6. Microdata Access (MDAT)
   Example: Females with Income of $40,000 or more in the United States
   Example: Single Year of Age for Unmarried People Ages 21 to 35 in California

7. Resources
What’s the difference between data.census.gov and Microdata Access?

**data.census.gov**
- Provides more precise estimates
- Wider range of datasets
- Fewer limitations to available geographies
- No in-depth knowledge of variables required

**Microdata Access (MDAT)**
- Provides custom estimates when a pre-tabulated Census table is not available
- More historical data available
- Limited geographies
- Use when datasets are not available in data.census.gov
Data collection methods:

**Tabulated data**

- **Microdata (a set of edited survey responses):**
  - “This male in Maryland is a web developer.”

**Microdata Access (MDAT)**

- **Aggregated tables for a geography:**
  - “In 2019 in Maryland, approximately 121,160 males worked in computer and mathematical occupations.”

---

**What’s the difference between tabulated data and microdata?**

- **Tabulated data**
  - Data in aggregated form, typically in tables and charts.
  - Example: **data.census.gov**
  - **In 2019 in Maryland, approximately 121,160 males worked in computer and mathematical occupations.**

- **Microdata**
  - Data representing individual survey responses.
  - Example: **Microdata (a set of edited survey responses):**
  - “This male in Maryland is a web developer.”
Microdata = PUMS Files

Public Use Microdata

Anonymized
- No personally identifiable information
- Edits to protect confidentiality

Individual Responses
- Must be tabulated and weighted by user

Accessible
- data.census.gov/mdat
- Application Programming Interface (API)
- Download through FTP sites
Table P-54 – Income by Race and Sex

Example: Females with Income of $40,000 or more in the United States
Visit Microdata Access at data.census.gov/mdat
Choose Dataset and Vintage:

- Dataset – CPS Annual Social and Economic (March) Supplement
- Vintage – MAR 2021
- Click Next in the lower right
### Search for Variables

- Use the search box below “Variable” or “Label” to find your variables of interest.

<table>
<thead>
<tr>
<th>Variable</th>
<th>Label</th>
<th>Number of Values</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>A_AGE</td>
<td>Demographics. Age</td>
<td>1</td>
<td>Edited Items</td>
</tr>
<tr>
<td>A_SEX</td>
<td>Demographics. Sex</td>
<td>2</td>
<td>Edited Items</td>
</tr>
<tr>
<td>PEARW1N3</td>
<td>Demographics - past military service period of active duty</td>
<td>10</td>
<td>Edited Items</td>
</tr>
<tr>
<td>PEARW1N2</td>
<td>Demographics - past military service period of active duty</td>
<td>10</td>
<td>Edited Items</td>
</tr>
<tr>
<td>PEARW1N1</td>
<td>Demographics - past military service period of active duty</td>
<td>10</td>
<td>Edited Items</td>
</tr>
<tr>
<td>PEARV1R</td>
<td>Veteran status - ever served</td>
<td>6</td>
<td>Edited Items</td>
</tr>
<tr>
<td>PEARV1N6</td>
<td>Demographics - past military service period of active duty</td>
<td>10</td>
<td>Edited Items</td>
</tr>
<tr>
<td>A_LJULRS</td>
<td>Current Job: Hours usually worked at main job</td>
<td>4</td>
<td>Edited Items</td>
</tr>
<tr>
<td>NHUNTS</td>
<td>Number of units in structure-household</td>
<td>5</td>
<td>Edited Items</td>
</tr>
<tr>
<td>STATELAX</td>
<td>State Income tax liability, after credits</td>
<td>1</td>
<td>Edited Items</td>
</tr>
<tr>
<td>STATELAX2</td>
<td>State income tax liability, before credits</td>
<td>1</td>
<td>Edited Items</td>
</tr>
<tr>
<td>CTG_CRED</td>
<td>Child tax credit and other dependent credit</td>
<td>1</td>
<td>Edited Items</td>
</tr>
</tbody>
</table>

**Dataset:** CPS Annual Social and Economic (March) Supplement (202103)
Select variable for Person Income:

- Type “PTOTVAL” in the Variable search box or type “persons income” in the label search box.
- Click Details to browse information about this variable.
- Check the box to the left of PTOTVAL to add the variable to your data cart.
Select variable for Sex:
- Type “A_SEX” in the Variable search box or type “Sex” in the label search box
- Check the box to the left of A_SEX to add the variable to your data cart
Select geography:

- Since we are getting the estimate for the United States, there is no need to make a selection. If no selection is made, the geography will automatically default to the United States.
Limit your universe:
- Click the **Data Cart** tab
- Click the A_SEX variable on the left
- Uncheck the box for **Male** (This action allows you to limit the universe to females)
**Categorize (recode) your variable:**

- Click the **PTOTVAL** variable on the left
- Click **Create Custom Group** to begin specifying your income categories (e.g. Less than $40,000 and $40,000 or more)
Categorize (recode) your variable:

- Click into **Group label** and type a label for the first category you want to create (e.g. Less than $40,000)
- Check the box next to the response category for this code (-99999:99999999)
- Edit the end range of income from 999999999 to **39999**
- Click **Save Group**
Categorize (recode) your variable:

- Your first category, Less than $40,000, appears just below “Not Elsewhere Classified”
- Click Edit Group for “Not Elsewhere Classified” to verify and rename the category
Categorize (recode) your variable:
- Click into **Group Label** and rename the category (e.g. $40,000 or more)
- Click **Save Group** in the lower right
- Confirm variable selections

- Confirm variable selections and click the **Table Layout** tab

<table>
<thead>
<tr>
<th>Selected Variables (3)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PTOTVAL</td>
<td>1 of 1 responses</td>
</tr>
<tr>
<td>A_SEX</td>
<td>1 of 2 responses</td>
</tr>
<tr>
<td>PTOTVAL_RC1</td>
<td>2 of 2 responses</td>
</tr>
</tbody>
</table>

**Total persons income recode**

- **$40,000 or more**
  - VALUES: 40000.00000000000

- **Less than $40,000**
  - VALUES: -99999.999999
View variable placement in the default table layout:

- **Values in table cells Options** – When variables are shown here, you have more options to choose from in the drop down menu for “Values in table cells”
- **Columns/Rows** – Variables will be shown in the table. By default, the table is providing data by geography (United States) by sex in the rows.
- **Not on Table** – Can restrict the universe. By default, PTOTVAL_RC1 is not on the table, and it does not restrict the universe because the recode includes the full range of income.
- **Edit Table Layout:**
  - **Move A\_AGE\_RC1 to Rows:** This will add categories in our table row for Less than $40,000 and $40,000 or more
Choose type of values in table cells

- Change the “Value in table cells” option from Average of Total persons income (PTOTVAL) to **Count**. This will give you data for the total number of people within the requested income categories in the United States.
### Confirm Table Layout:
- Confirm table layout and click **View Table** in the lower right.
There were an estimated 45,218,409 females with income of $40,000 or more in the United States.
Table B12002 – Sex by Marital Status by Age for the Population 15 Years and Over

Prefabricated ACS tables in data.census.gov provide marital status by age, but what if we need more detailed age breakouts?

Example: Single Year of Age for Unmarried People Ages 21 to 35 in California
Visit Microdata Access at data.census.gov/mdat
Choose Dataset and Vintage:
- Dataset – ACS 1-Year Estimates – Public Use Microdata Sample
- Vintage – 2019
- Click **Next** in the lower right
- **Search for Variables** – Use the search box below “Variable” or “Label” to find your variables of interest
Select variable for Marital Status:

- Type “MAR” in the Variable search box or type “Marital Status” in the label search box.
- Check the box to the left of MAR to add the variable to your data cart.
Select variable for Age:

- Type “AGEP” in the Variable search box or type “Age” in the label search box.
- Check the box to the left of AGEP to add the variable to your data cart.
- Notice the message at the top of the screen saying you will need to create your own categories (or recodes) for this variable if you want it shown in the table. (You will do this action in the Data Cart.)
Select geography:
- Click the SELECT GEOGRAPHIES tab
- Click State and check the box for California
- Categorize (recode) your age variable:
  - Click the Data Cart tab
  - Click the AGEP variable on the left
  - Click Create Custom Group to begin specifying your age categories (e.g. 21, 22,...30)
Categorize (recode) your age variable:

- Click into **Group label** and type a label for the first category you want to create (e.g. Under 21)
- Check the box next to **Under 1 Year**
- Check the box next to **1 to 99 years** and change the end age range from 99 to 20
- Click **Save Group**
Categorize (recode) your age variable:

- Click into **Auto Group** in the upper right and select **Between 21 and 99**
Categorize (recode) your age variable:

- In the pop-up box, edit the “End” range to **30** and confirm that Groups of ” is set to **1** to get single year of age
- Click **Auto Group**
- Categorize (recode) your age variable:
  - You have now created categories for ages 21, 22, 23,...30. Ages 31-99 are in the group “Not elsewhere classified”
  - Click **Edit Group** for “Not Elsewhere Classified” to rename the category
- Categorize (recode) your age variable:
  - Click into **Group Label** and rename the category (e.g. 31+)
  - Click **Save Group** in the lower right
Categorize (recode) your marital status variable:

- Click the **MAR** variable on the left
- Uncheck the boxes for **Widowed, Divorced, Separated, and Never married or under 15 years old** (this will limit our universe to married people)

---

<table>
<thead>
<tr>
<th>Selected Variables (3)</th>
</tr>
</thead>
<tbody>
<tr>
<td>AGEP</td>
</tr>
<tr>
<td>2 of 2 responses</td>
</tr>
<tr>
<td>MAR</td>
</tr>
<tr>
<td>1 of 5 responses</td>
</tr>
<tr>
<td>AGEP_RC1</td>
</tr>
<tr>
<td>12 of 12 responses</td>
</tr>
</tbody>
</table>

---

**Marital status (MAR)**

<table>
<thead>
<tr>
<th>Include In Universe</th>
<th>Response Label</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>Marital</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>Widowed</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>Divorced</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Separated</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>Never married or under 15 years old</td>
<td>5</td>
</tr>
</tbody>
</table>
### Marital status (MAR)

<table>
<thead>
<tr>
<th>Include in Universe</th>
<th>Response Label</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>✅</td>
<td>Married</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>Widowed</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>Divorced</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Separated</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>Never married or under 15 years old</td>
<td>5</td>
</tr>
</tbody>
</table>

### Selected Variables (3)

- **AGEP**
  - 2 of 2 responses
- **MAR**
  - 1 of 5 responses
- **AGEP_RC1**
  - 12 of 12 responses
View variable placement in the default table layout:

- **Values in table cells Options** – When variables are shown here, you have more options to choose from in the drop down menu for “Values in table cells”
- **Columns/Rows** – Variables will be shown in the table.
- **Not on Table** – Can restrict the universe. By default, AGEP_RC1 is not on the table, and it does not restrict the universe because the recode includes ages for all people.
Edit Table Layout:

- **Move Selected Geography to Columns:**
  - Click, hold and drag Selected Geographies on the left side of the page up to the columns heading. This will give you a table layout similar to prefabricated ACS tables on data.census.gov, where each geography has its own column.
Edit Table Layout:

- Move `AGEP_RC1` to Rows:
  - Click, hold and drag `AGEP_RC1` on the left side of the page to the Rows heading.
- Move `MAR` to Not on table:
  - Click, hold and drag `MAR` on the left side of the page to the Not on table heading. This will remove the heading from the table, but continue to restrict the universe to married people.
Choose type of values in table cells

- Change the “Value in table cells” option from Average of Age (AGEP) to **Count** for data for the total number of married people by age.
**Confirm Table Layout:**

- Confirm table layout and click **View Table** in the lower right.
### Custom Table

**Dataset:** ACS 1-Year Estimates 1-Year Estimates - Public Use Microdata Sample

**Vintage:** 2019

**Geography:** 1 geographies selected

**Weighting:** PUMS person weight

#### Values in table cells:

- **Count**

#### Show Total

<table>
<thead>
<tr>
<th>Age</th>
<th>California</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total (12)</td>
<td>14,969,258</td>
</tr>
<tr>
<td>Under 21</td>
<td>45,163</td>
</tr>
<tr>
<td>21</td>
<td>27,340</td>
</tr>
<tr>
<td>22</td>
<td>38,423</td>
</tr>
<tr>
<td>23</td>
<td>56,063</td>
</tr>
</tbody>
</table>

---

related:support@census.gov

---

Shape your future. START HERE.

2020CENSUS.GOV
data.census.gov Demo

1. **Getting started using the Single Search bar**
   Example: 2020 Decennial Census tables for Sacramento County and the Geographic Profile

2. **Getting started using the Advanced Search**
   Example: 2020 Redistricting Data for all counties in California

3. **Using the Single Search bar in conjunction with the Advanced Search**
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6. **Microdata Access (MDAT)**
   Example: Females with Income of $40,000 or more in the United States
   Example: Single Year of Age for Unmarried People Ages 21 to 35 in California

7. **Resources**
data.census.gov Resources

The vision for data.census.gov is to improve the customer experience by making data available from one centralized place so that data users spend less time searching for data and content, and more time using it.

- Latest Releases
- Upcoming Releases
- Guidance for Data Users
- Developmental Update
- Outreach
- Newsletter
- Contact Us
- Back to Data
Latest & Upcoming Releases

**Latest Releases**
Find out the latest news about data.census.gov, the Census API, and the Microdata Access, including the most recent data releases.

- **October 28, 2021**
  - 2019 Economic Surveys Annual Business Survey
    - data.census.gov & API
  - GPS Arts Benchmarking Survey Supplement (additional vintages)
    - Microdata Access & API
  - Post-Secondary Employment Outcomes (PSEO) - Earnings & Flows
    - API

**Upcoming Releases**
Find out what datasets coming soon to data.census.gov, the Census API, and the Microdata Access.

- **September 30, 2021**
  - 2020 Decennial Census

- **December 2021**
  - 2020 American Community Survey 5-Year Data Products
  - 2020 Annual Survey of Manufacturers
Guidance for 2020 Redistricting Data Users

Our team is excited to share some of our favorite tips and tricks about how to access 2020 Census Redistricting Data on data.census.gov and the Census Data API.

How to Access 2020 Redistricting Data on data.census.gov?

- Accessing 2020 Census Redistricting Data on data.census.gov
- Accessing 2020 Redistricting Data: Census Blocks
- Accessing 2020 Redistricting Data: Customizing Your Table View
- Accessing 2020 Redistricting Data: Hispanic or Latino Population
- Accessing 2020 Redistricting Data: Mapping Geographies
- Accessing 2020 Redistricting Data on data.census.gov
- Comparing 2010 and 2020 Redistricting Data on data.census.gov

How to Access 2020 Redistricting Data through the Census Data API?
Developmental & Latest Updates

Developmental Update

OCTOBER 21, 2021

The purpose of this page is to summarize functionality included in the release of the Census Bureau’s developing data dissemination platform at data.census.gov.

Full Release Notes Document

Data.census.gov Release Notes

Latest Updates

In late-October, we released the following updates to the site:

- Tune up of the map legend. You will now see the data variable and total number of geographies indicated at the top of the map legend.
Guidance for Data Users

How-to Materials for Using data.census.gov

Do you have questions on how to use data.census.gov? Check out our step-by-step guidance to learn how to navigate the site and find out about new functionality.

Using data.census.gov

- Accessing Race Interacted Tables (1.5 MB)
- Accessing Tabular Summary Files (1.5 MB)
- Accessing PDF Files (1.5 MB)
- Accessing Text Files (1.5 MB)
- Accessing Downloaded Data (1.5 MB)

How-to Materials for Using the Census API

Do you have questions on how to use the Census API? Check out our step-by-step guide to learn how to use the Census API to find the data you need. To learn more about the Census API and to begin using it to locate data, visit our Census API Developers page.

Census Data API User Guide

This user guide introduces developers and researchers on how to use the Census Data API to access data from U.S. Census Bureau datasets.

How to Extract Data from the Census API

Video Tutorials

Using the API to Get Results for Multiple Estimates

In this tutorial, you’ll learn how to get data for only the subgroups that you need from the Census API.

Using the API to Get All Results for an ACS Table

In this tutorial, you’ll learn how to get data for an entire table from the American Community Survey (ACS).

Guidance for Data Users

How-to Materials for Using the Microdata Access

Do you have questions on how to use Microdata Access? Check out our step-by-step guidance to learn how to use Microdata Access to create your own tabulations.

Using Microdata Access With ACS 5-Year Estimates - Public Use Microdata Sample (1.5 MB)

Using Microdata Access How To Create Poverty Estimates From The CPS ASEC (2.2 MB)

Related Information

- How Can I Find Additional Geographic Information, such as School Districts, of a Particular Address?
- How Can I Find Demographic Information of a Particular Address (1.5 MB)
- How Can I Find Geographic Information about a particular address using TIGERWeb (1.5 MB)

Webinars

- Using Public Microdata to Create Custom Tables on data.census.gov

- Using the API to Create Custom Tables on data.census.gov

- Using the API to Get All Results for an ACS Table

- Using the API to Get Results for Multiple Estimates
Transition from AFF

Transition From American FactFinder

American FactFinder (AFF) was decommissioned and taken offline on March 31, 2020. Data previously released on AFF are now being released on the U.S. Census Bureau's new dissemination platform, data.census.gov. Since we are a developing site, not all the data from AFF have been migrated over to data.census.gov. Below is an overview of our data migration status that will be updated regularly.

Data Availability

What data are available in data.census.gov?

We continue to migrate data from American FactFinder. See a list of datasets currently available in the platform.

DataSets Coming Soon to data.census.gov

Check out our Frequently Asked Questions to learn about using data.census.gov and the Census API. Find out what data, features, and functionality is available.

What is data.census.gov?

DataFerrett DataSets Coming Soon to Microdata Access

DataFerrett was decommissioned and taken offline on June 30, 2020. Data previously available on DataFerrett are now being released on the U.S. Census Bureau's new dissemination platform, Microdata Access. Since we are a developing site, not all the data from DataFerrett have been migrated over to Microdata Access. Below is an overview of our data migration status that will be updated regularly.

Data Availability

What data are available in the Microdata Access?

We continue to migrate data from DataFerrett. See a list of datasets currently available in the platform.

What is data.census.gov?

How to Use data.census.gov, Census API, and Microdata Access.

• How to use data.census.gov?
• How to Use Census API?
• How to Use Microdata Access?
Get data.census.gov updates delivered to your inbox!

Sign up for email updates: https://public.govdelivery.com/accounts/USCENSUS/signup/15450

Data.census.gov Newsletter – June 2021
Welcome to the new monthly data.census.gov newsletter! Each month, you will learn about the latest system updates, data releases, and educational opportunities for data.census.gov.

Latest System Updates
Last month, we released new updates to improve your experience on data.census.gov. With this release, you will now see:
- Banner notifications
- URLs in search results
- Compressed download size
- Geography Profile enhancements
- Fixes to 30 defects

A major theme of the release is to provide better information as you work through the platform. This includes new banner functionality to alert you to key updates and critical notifications. For example, when data