New Mexico State Data Users Meeting
December 1, 2021

Kanin Reese
Center for Enterprise Dissemination (CED)
U.S. Census Bureau
data.census.gov Demo

1. **Getting started using the Single Search bar**
   
   Example: 2020 Decennial Census tables for Carlsbad city, NM and the Geographic Profile

2. **Getting started using the Advanced Search**

   Example: 2020 Redistricting Data for all counties in New Mexico

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 Sandoval County

4. **Using the Advanced Search to compare data across time and geographies**

   Example: Hispanic or Latino for all Census Tracts in San Juan County

5. **Finding Business Data (Searching by Industry)**

   Example: Economic data for the Health Care and Social Assistance industry for ZIP Code in New Mexico

6. **Microdata Access (MDAT)**

   Example: Females with Income of $40,000 or more in the United States

7. **New Navigation Changes**
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7. New Navigation Changes
2020 Decennial Census tables for Carlsbad, NM

Access all the 2020 Decennial Census tables for Carlsbad, New Mexico

Use the Single Search Bar
- Type “2020 Decennial Census Carlsbad, New Mexico” in the single search bar and click on the magnifying glass icon
- View the total population of Carlsbad
- View all 6 tables that are available from the 2020 Redistricting data
- Access the Carlsbad Geographic Profile to view a range of data

<table>
<thead>
<tr>
<th>Table</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>RACE</td>
<td>Survey/Program: Decennial Census Years: 2020 Table: P1</td>
</tr>
<tr>
<td>OCCUPANCY STATUS</td>
<td>Survey/Program: Decennial Census Years: 2020 Table: H1</td>
</tr>
<tr>
<td>HISPANIC OR LATINO, AND NOT HISPANIC OR LATINO BY RACE</td>
<td>Survey/Program: Decennial Census Years: 2020 Table: H1</td>
</tr>
<tr>
<td>RACE FOR THE POPULATION 18 YEARS AND OVER</td>
<td>Survey/Program: Decennial Census Years: 2020 Table: P2</td>
</tr>
</tbody>
</table>
Visualizations of Census Bureau data for Carlsbad, New Mexico

Click a table title for more information on the topic
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7. New Navigation Changes
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 > New Mexico > All Counties within New Mexico** 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 New Mexico
- 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
data.census.gov Demo

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7. New Navigation Changes
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 Sandoval County.
- Once map is on Sandoval County, zoom in until you locate the block of interest. The one needed is Block 1009 in Census Tract 107.31.
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 > New Mexico > Sandoval County, New Mexico > Census Tract 107.31, Sandoval County, New Mexico > Block 1009, Block Group 1, Census Tract 107.31, Sandoval County, New Mexico

- Click on the Done button to update the tables with the selected geographies
## RACE

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

### Total:
- **Population of one race:** 137
  - White alone: 92
  - Black or African American alone: 8
  - American Indian and Alaska Native alone: 4
  - Asian alone: 7
  - Native Hawaiian and Other Pacific Islander alone: 0
  - Some Other Race alone: 5
- **Population of two or more races:** 43
  - White, Black or African American: 4
  - White, American Indian and Alaska Native: 8
  - White, Asian: 4
  - White, Native Hawaiian and Other Pacific Islander: 0
  - White, Some Other Race: 22
  - 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
  - Some Other Race, American Indian and Alaska Native: 0
  - Some Other Race, Asian: 0
  - Some Other Race, Native Hawaiian and Other Pacific Islander: 0
  - Some Other Race, Some Other Race: 0

**Preded: 2020 DEC Redistricting Data (PL 94-171)**  
**Universe:** Total population
Customize Your Table: Adjust Column Width

- Adjust the column width by dragging left/right in the column header.

![Customize Your Table: Adjust Column Width](image_url)
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
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7. **New Navigation Changes**
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 Topics > Race and Ethnicity > Hispanic or Latino > Hispanic or Latino

- Click Geography > Tract > New Mexico > San Juan County, New Mexico > All Census Tracts within San Juan County, New Mexico to add the geographies to the search

- 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

Navigate to the map tab

- 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 San Juan 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
• 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

- Click **Download Table** from the Customize Table view

- Verify the years you would like to download

- Click **Download**
Open File

• 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
<table>
<thead>
<tr>
<th>id</th>
<th>NAME</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Census Tract 1, San Juan County, New Mexico</td>
</tr>
<tr>
<td>4</td>
<td>Census Tract 2.01, San Juan County, New Mexico</td>
</tr>
<tr>
<td>5</td>
<td>Census Tract 2.02, San Juan County, New Mexico</td>
</tr>
<tr>
<td>6</td>
<td>Census Tract 2.04, San Juan County, New Mexico</td>
</tr>
<tr>
<td>7</td>
<td>Census Tract 2.06, San Juan County, New Mexico</td>
</tr>
<tr>
<td>8</td>
<td>Census Tract 2.07, San Juan County, New Mexico</td>
</tr>
<tr>
<td>9</td>
<td>Census Tract 3.01, San Juan County, New Mexico</td>
</tr>
<tr>
<td>10</td>
<td>Census Tract 3.02, San Juan County, New Mexico</td>
</tr>
<tr>
<td>11</td>
<td>Census Tract 4.01, San Juan County, New Mexico</td>
</tr>
<tr>
<td>12</td>
<td>Census Tract 4.02, San Juan County, New Mexico</td>
</tr>
<tr>
<td>13</td>
<td>Census Tract 5.03, San Juan County, New Mexico</td>
</tr>
<tr>
<td>14</td>
<td>Census Tract 5.04, San Juan County, New Mexico</td>
</tr>
<tr>
<td>15</td>
<td>Census Tract 5.06, San Juan County, New Mexico</td>
</tr>
<tr>
<td>16</td>
<td>Census Tract 5.07, San Juan County, New Mexico</td>
</tr>
<tr>
<td>18</td>
<td>Census Tract 6.07, San Juan County, New Mexico</td>
</tr>
<tr>
<td>19</td>
<td>Census Tract 6.09, San Juan County, New Mexico</td>
</tr>
<tr>
<td>20</td>
<td>Census Tract 6.11, San Juan County, New Mexico</td>
</tr>
<tr>
<td>21</td>
<td>Census Tract 6.12, San Juan County, New Mexico</td>
</tr>
<tr>
<td>22</td>
<td>Census Tract 6.14, San Juan County, New Mexico</td>
</tr>
<tr>
<td>24</td>
<td>Census Tract 6.15, San Juan County, New Mexico</td>
</tr>
</tbody>
</table>

View Download
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

---

**Shape your future START HERE >**

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**Census 2020**
## View Exported Table

### HISPANIC OR LATINO, AND NOT HISPANIC OR LATINO BY RACE

Note: The table shown may have been modified by user selections. Some information may be missing.

<table>
<thead>
<tr>
<th>Label</th>
<th>Census Tract 1, San Juan County, New Mexico</th>
<th>Census Tract 2.01, San Juan County, New Mexico</th>
<th>Census Tract 2.02, San Juan County, New Mexico</th>
<th>Census Tract 2.04, San Juan County, New Mexico</th>
<th>Census Tract 2.06, San Juan County, New Mexico</th>
<th>Census Tract 2.07, San Juan County, New Mexico</th>
<th>Census Tract 3.01, San Juan County, New Mexico</th>
<th>Census Tract 3.02, San Juan County, New Mexico</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total:</td>
<td>4,509</td>
<td>5,353</td>
<td>5,363</td>
<td>5,282</td>
<td>5,282</td>
<td>5,282</td>
<td>5,282</td>
<td>5,282</td>
</tr>
<tr>
<td>Hispanic or Latino:</td>
<td>2,545</td>
<td>3,164</td>
<td>3,164</td>
<td>3,164</td>
<td>3,164</td>
<td>3,164</td>
<td>3,164</td>
<td>3,164</td>
</tr>
<tr>
<td>Not Hispanic or Latino:</td>
<td>1,964</td>
<td>2,190</td>
<td>2,199</td>
<td>2,118</td>
<td>2,118</td>
<td>2,118</td>
<td>2,118</td>
<td>2,118</td>
</tr>
<tr>
<td>Population of one race:</td>
<td>2,844</td>
<td>3,698</td>
<td>3,606</td>
<td>3,584</td>
<td>3,584</td>
<td>3,584</td>
<td>3,584</td>
<td>3,584</td>
</tr>
<tr>
<td>White alone:</td>
<td>1,392</td>
<td>1,817</td>
<td>1,588</td>
<td>1,409</td>
<td>1,409</td>
<td>1,409</td>
<td>1,409</td>
<td>1,409</td>
</tr>
<tr>
<td>Black or African American alone:</td>
<td>30</td>
<td>36</td>
<td>36</td>
<td>14</td>
<td>14</td>
<td>14</td>
<td>14</td>
<td>41</td>
</tr>
<tr>
<td>American Indian and Alaska Native alone</td>
<td>9</td>
<td>72</td>
<td>139</td>
<td>11</td>
<td>11</td>
<td>11</td>
<td>11</td>
<td>11</td>
</tr>
<tr>
<td>Asian alone:</td>
<td>1,406</td>
<td>343</td>
<td>646</td>
<td>467</td>
<td>1,415</td>
<td>815</td>
<td>1,407</td>
<td>249</td>
</tr>
<tr>
<td>Native Hawaiian and Other Pacific Islander alone</td>
<td>0</td>
<td>0</td>
<td>3</td>
<td>12</td>
<td>5</td>
<td>5</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Some Other Race alone:</td>
<td>7</td>
<td>30</td>
<td>30</td>
<td>12</td>
<td>12</td>
<td>12</td>
<td>12</td>
<td>5</td>
</tr>
<tr>
<td>Population of two or more races:</td>
<td>120</td>
<td>212</td>
<td>263</td>
<td>89</td>
<td>181</td>
<td>85</td>
<td>219</td>
<td>167</td>
</tr>
<tr>
<td>Population of two races:</td>
<td>116</td>
<td>207</td>
<td>253</td>
<td>86</td>
<td>171</td>
<td>82</td>
<td>214</td>
<td>162</td>
</tr>
<tr>
<td>White; Black or African American:</td>
<td>15</td>
<td>38</td>
<td>21</td>
<td>27</td>
<td>29</td>
<td>29</td>
<td>29</td>
<td>22</td>
</tr>
<tr>
<td>White; American Indian and Alaska Native</td>
<td>83</td>
<td>104</td>
<td>127</td>
<td>60</td>
<td>88</td>
<td>59</td>
<td>118</td>
<td>96</td>
</tr>
<tr>
<td>White; Asian:</td>
<td>7</td>
<td>17</td>
<td>47</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>12</td>
</tr>
</tbody>
</table>
More Data to Access FTP

More Data
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/
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7. **New Navigation Changes**
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 88203 in Roswell, New Mexico

- Select Geography → 5-Digit ZIP Code → New Mexico → 88203
  
  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 10 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.

---

### All Sectors: County Business Patterns, including ZIP Code Business Patterns, by Legal Form of Organization and Employment Size Class for the U.S., States, and Selected Geographies: 2019

**Survey/Program:** Economic Surveys  
**Year:** 2019  
**Table ID:** CB1900CBP  
**Dataset:** CBP2019  
**Release Date:** 2021-09-27

**Release Schedule:**  
The CBP data in this file were released on April 22, 2021. The ZIP Code Business Patterns (ZBP) data were released on May 31, 2021.

**Key Table Information:**  
Beginning with reference year 2007, CBP and ZBP data are released using the Noise disclosure methodology to protect confidentiality. See Survey Methodology for complete information on the coverage and methodology of the County Business Patterns and ZBP data series. Includes only establishments with payroll.

ZBP data by employment size class, shown at the 2- and 4-digit NAICS code levels, only contains data on the number of establishments. ZBP data shown for NAICS code 00 (Total for all sectors) contains data on the number of establishments, employment, first quarter payroll, and annual payroll.

<table>
<thead>
<tr>
<th>Employment Size Class</th>
<th>Year</th>
<th>Number of Establishments</th>
<th>Annual Payroll ($1,000)</th>
<th>First-Quarter Payroll ($)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 to 4 EMP...</td>
<td>2019</td>
<td>7</td>
<td>N</td>
<td>N</td>
</tr>
<tr>
<td>5 to 19 EMP...</td>
<td>2019</td>
<td>6</td>
<td>N</td>
<td>N</td>
</tr>
<tr>
<td>20 to 49 EMP...</td>
<td>2019</td>
<td>2</td>
<td>N</td>
<td>N</td>
</tr>
<tr>
<td>50 to 199 EMP...</td>
<td>2019</td>
<td>3</td>
<td>N</td>
<td>N</td>
</tr>
<tr>
<td>200 to 999 EMP...</td>
<td>2019</td>
<td>2</td>
<td>N</td>
<td>N</td>
</tr>
</tbody>
</table>
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7. **New Navigation Changes**
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** (internally known as MDAT)
- Provides custom estimates when a pre-tabulated Census table is not available
- More historical data available
- Datasets not available in data.census.gov
What’s the difference between tabulated data and microdata?

**Tabulated data**

<table>
<thead>
<tr>
<th>Label</th>
<th>Estimate</th>
<th>Margin of Error</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>3,046,870</td>
<td>±17,763</td>
</tr>
<tr>
<td>Male</td>
<td>1,558,561</td>
<td>±11,667</td>
</tr>
<tr>
<td>Management, business, science, and engineering occupations</td>
<td>602,858</td>
<td>±11,923</td>
</tr>
<tr>
<td>Management, business, and financial occupations</td>
<td>286,831</td>
<td>±7,040</td>
</tr>
<tr>
<td>Management occupations</td>
<td>103,401</td>
<td>±6,488</td>
</tr>
<tr>
<td>Business and financial operations occupations</td>
<td>91,492</td>
<td>±5,892</td>
</tr>
<tr>
<td>Computer and mathematical occupations</td>
<td>121,160</td>
<td>±5,830</td>
</tr>
<tr>
<td>Computer occupations</td>
<td>116,175</td>
<td>±5,580</td>
</tr>
</tbody>
</table>

```
In 2019 in Maryland, approximately 121,160 males worked in computer and mathematical occupations.
```

**Microdata Access (MDAT)**

**Microdata** (a set of edited survey responses):

```
<table>
<thead>
<tr>
<th>SERIALNO</th>
<th>SPORDER</th>
<th>ST</th>
<th>SEX</th>
<th>OCCP</th>
</tr>
</thead>
<tbody>
<tr>
<td>2019HU0045422</td>
<td>4</td>
<td>24</td>
<td>2</td>
<td>4710</td>
</tr>
<tr>
<td>2019HU0045422</td>
<td>5</td>
<td>24</td>
<td>2</td>
<td>9</td>
</tr>
<tr>
<td>2019HU0045422</td>
<td>6</td>
<td>24</td>
<td>2</td>
<td>9</td>
</tr>
<tr>
<td>2019HU0045644</td>
<td>1</td>
<td>24</td>
<td>1</td>
<td>2100</td>
</tr>
<tr>
<td>2019HU0045764</td>
<td>1</td>
<td>24</td>
<td>2</td>
<td>5740</td>
</tr>
<tr>
<td>2019HU0045764</td>
<td>2</td>
<td>24</td>
<td>1</td>
<td>1031</td>
</tr>
<tr>
<td>2019HU0046210</td>
<td>1</td>
<td>24</td>
<td>1</td>
<td>150</td>
</tr>
<tr>
<td>2019HU0046310</td>
<td>2</td>
<td>24</td>
<td>2</td>
<td>5740</td>
</tr>
</tbody>
</table>
```

“This male in Maryland is a web developer.”

**data.census.gov**

Aggregated tables for a geography:

“In 2019 in Maryland, approximately 121,160 males worked in computer and mathematical occupations.”
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
Example: Females with Income of $40,000 or more in the United States

Table P-54 – Income by Race and Sex

<table>
<thead>
<tr>
<th>Race, Hispanic origin, and year</th>
<th>Number (thousands)</th>
<th>Percent distribution</th>
<th>Median income (dollars)</th>
<th>Mean income (dollars)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>$1 to $4,999 or loss</td>
<td>$5,000 to $9,999</td>
<td>$10,000 to $14,999</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2020</td>
<td>129,368</td>
<td>116,955</td>
<td>100.0</td>
<td>8.0</td>
</tr>
<tr>
<td>2019</td>
<td>120,610</td>
<td>116,561</td>
<td>100.0</td>
<td>8.8</td>
</tr>
<tr>
<td>2018</td>
<td>127,556</td>
<td>115,219</td>
<td>100.0</td>
<td>8.7</td>
</tr>
<tr>
<td>2017</td>
<td>127,274</td>
<td>114,737</td>
<td>100.0</td>
<td>8.6</td>
</tr>
<tr>
<td>2016</td>
<td>127,288</td>
<td>114,548</td>
<td>100.0</td>
<td>8.6</td>
</tr>
<tr>
<td>2015</td>
<td>125,811</td>
<td>113,158</td>
<td>100.0</td>
<td>8.6</td>
</tr>
<tr>
<td>2014</td>
<td>125,051</td>
<td>112,322</td>
<td>100.0</td>
<td>8.3</td>
</tr>
<tr>
<td>2013 (39)</td>
<td>123,689</td>
<td>110,372</td>
<td>100.0</td>
<td>8.5</td>
</tr>
<tr>
<td>2013 (38)</td>
<td>122,442</td>
<td>109,037</td>
<td>100.0</td>
<td>8.5</td>
</tr>
<tr>
<td>2012</td>
<td>121,111</td>
<td>107,534</td>
<td>100.0</td>
<td>8.2</td>
</tr>
<tr>
<td>2011</td>
<td>119,948</td>
<td>106,228</td>
<td>100.0</td>
<td>8.2</td>
</tr>
</tbody>
</table>
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>AAGE</td>
<td>Demographics: Age</td>
<td>1</td>
<td>Edited Items</td>
</tr>
<tr>
<td>ASEX</td>
<td>Demographics: Sex</td>
<td>2</td>
<td>Edited Items</td>
</tr>
<tr>
<td>PEARWHN3</td>
<td>Demographics - past military service period of active duty</td>
<td>10</td>
<td>Edited Items</td>
</tr>
<tr>
<td>PEARWHN2</td>
<td>Demographics - past military service period of active duty</td>
<td>10</td>
<td>Edited Items</td>
</tr>
<tr>
<td>PEARWHN1</td>
<td>Demographics - past military service period of active duty</td>
<td>10</td>
<td>Edited Items</td>
</tr>
<tr>
<td>PEARSER</td>
<td>Veteran status - ever served</td>
<td>6</td>
<td>Edited Items</td>
</tr>
<tr>
<td>PEARWHN4</td>
<td>Demographics - past military service period of active duty</td>
<td>10</td>
<td>Edited Items</td>
</tr>
<tr>
<td>AUSELHS</td>
<td>Current job, hours usually worked at main job</td>
<td>4</td>
<td>Edited Items</td>
</tr>
<tr>
<td>HUNITS</td>
<td>Number of units in structure-occupied</td>
<td>5</td>
<td>Edited Items</td>
</tr>
<tr>
<td>STATE TIX A</td>
<td>State income tax liability, after credits</td>
<td>1</td>
<td>Edited Items</td>
</tr>
<tr>
<td>STATE TIX B</td>
<td>State income tax liability, before credits</td>
<td>1</td>
<td>Edited Items</td>
</tr>
<tr>
<td>CIT_3RD</td>
<td>Child tax credit and other dependent credit</td>
<td>1</td>
<td>Edited Items</td>
</tr>
</tbody>
</table>
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
- 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.
Example: Single Year of Age for Unmarried People Ages 21 to 35 in New Mexico

Table B12002 – Sex by Marital Status by Age for the Population 15 Years and Over

<table>
<thead>
<tr>
<th>Label</th>
<th>United States</th>
<th>Estimate</th>
<th>Margin of Error</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total:</td>
<td></td>
<td>267,720,772</td>
<td>±37,144</td>
</tr>
<tr>
<td>Male:</td>
<td></td>
<td>130,629,205</td>
<td>±35,185</td>
</tr>
<tr>
<td>Never married:</td>
<td></td>
<td>48,481,154</td>
<td>±108,646</td>
</tr>
<tr>
<td>15 to 17 years</td>
<td></td>
<td>6,313,005</td>
<td>±15,957</td>
</tr>
<tr>
<td>18 and 19 years</td>
<td></td>
<td>4,481,195</td>
<td>±21,773</td>
</tr>
<tr>
<td>20 to 24 years</td>
<td></td>
<td>10,149,057</td>
<td>±28,711</td>
</tr>
<tr>
<td>25 to 29 years</td>
<td></td>
<td>8,549,806</td>
<td>±34,012</td>
</tr>
<tr>
<td>30 to 34 years</td>
<td></td>
<td>5,469,250</td>
<td>±42,733</td>
</tr>
<tr>
<td>35 to 39 years</td>
<td></td>
<td>3,485,868</td>
<td>±36,422</td>
</tr>
<tr>
<td>40 to 44 years</td>
<td></td>
<td>2,407,685</td>
<td>±30,017</td>
</tr>
<tr>
<td>45 to 64 years</td>
<td></td>
<td>1,084,772</td>
<td>±24,514</td>
</tr>
</tbody>
</table>

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

### Variable and Label Search Table

<table>
<thead>
<tr>
<th>Variable</th>
<th>Label</th>
<th>Number of Values</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>AGEP</td>
<td>Age</td>
<td>2</td>
<td>Estimate</td>
</tr>
<tr>
<td>ANC</td>
<td>Ancestry categorization</td>
<td>5</td>
<td>Edited items</td>
</tr>
<tr>
<td>DRIVESP</td>
<td>Number of vehicles calculated from JWRI</td>
<td>7</td>
<td>Estimate</td>
</tr>
<tr>
<td>FES</td>
<td>Family type and employment status</td>
<td>9</td>
<td>Estimate</td>
</tr>
<tr>
<td>FPARC</td>
<td>Presence, age of related children</td>
<td>5</td>
<td>Recodes</td>
</tr>
<tr>
<td>GRP</td>
<td>Gross rent as a percentage of household income paid</td>
<td>3</td>
<td>Estimate</td>
</tr>
<tr>
<td>HISP</td>
<td>Hispanic recode</td>
<td>24</td>
<td>Recodes</td>
</tr>
<tr>
<td>JWAPO</td>
<td>Time of arrival at work categorization</td>
<td>200</td>
<td>Edited items</td>
</tr>
<tr>
<td>JWDP</td>
<td>Time of departure for work - hour and minute</td>
<td>151</td>
<td>Estimate</td>
</tr>
<tr>
<td>JWMNP</td>
<td>Travel time to work</td>
<td>2</td>
<td>Estimate</td>
</tr>
</tbody>
</table>

**Dataset:** ACS 1-Year Estimates-Public Use Microdata Sample (2019)
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.)

This variable is continuous and can only go to “Values in table cells”. Create a group (recode) to use elsewhere. “Age (AGEP)”
Select geography:
- Click the **SELECT GEOGRAPHIES** tab
- Click **State** and check the box for **New Mexico**
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)
Confirm variable selections

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

---

**Selected Variables (3)**

<table>
<thead>
<tr>
<th>Variable</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>AGEP</td>
<td>2 of 2 responses</td>
</tr>
<tr>
<td>MAR</td>
<td>1 of 5 responses</td>
</tr>
<tr>
<td>AGEP_RC1</td>
<td>12 of 12 responses</td>
</tr>
</tbody>
</table>

**Marital status (MAR)**

<table>
<thead>
<tr>
<th>Response Label</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Married</td>
<td>1</td>
</tr>
<tr>
<td>Widowed</td>
<td>2</td>
</tr>
<tr>
<td>Divorced</td>
<td>3</td>
</tr>
<tr>
<td>Separated</td>
<td>4</td>
</tr>
<tr>
<td>Never married or under 15 years old</td>
<td>5</td>
</tr>
</tbody>
</table>
- 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.
View Table:

<table>
<thead>
<tr>
<th>Age Group</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Under 21</td>
<td>2,180</td>
</tr>
<tr>
<td>21</td>
<td>1,844</td>
</tr>
<tr>
<td>22</td>
<td>3,069</td>
</tr>
<tr>
<td>23</td>
<td>1,888</td>
</tr>
<tr>
<td>24</td>
<td>5,402</td>
</tr>
</tbody>
</table>

Dataset: ACS 1-Year Estimates 1-Year Estimates—Public Use Microdata Sample
Vintage: 2019
Weighting: PUMS person weight
Geography: New Mexico
1. Getting started using the Single Search bar
   Example: 2020 Decennial Census tables for Carlsbad city, NM and the Geographic Profile

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

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 Sandoval County

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

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

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 New Mexico

7. New Navigation Changes
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.
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
- Comparing 2010 and 2020 Redistricting Data on data.census.gov

How to Access 2020 Redistricting Data through the Census Data API?

Related Information
- Contact Us

You May Be Interested In
- RELATED TOPICS
- Census Academy
- AROUND THE BUREAU
- Our Surveys & Programs
- MOST POPULAR
- Email Updates
Developmental & Latest Updates

Developmental Update

NOVEMBER 04, 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

Download:
- data.census.gov: Release Notes [2.2 MB]

Latest Updates

In early-November, we released the following updates to the site:

- Improved layout for tables from the Population Estimates Program. With this update, you will now see tables automatically displayed with the recommended pivot. This new feature allows certain data values to become column headers instead of repeated rows within the table.
  For Population Estimates Program tables, the default display now provides one row for each of your geographies, and it will contain the geography name and population estimates over time.

[Image of table]

[Links]
- Search: [Search URL]
- Advanced Search: [Advanced URL]
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 guide to learn how to navigate the site and find out about new functionality.

Using data.census.gov

- data.census.gov - Accessing Race/Hispanic Tables (1.0 MB)
- data.census.gov - All Reports Page (1.0 MB)
- data.census.gov - Copying Data and Tables (1.0 MB)
- data.census.gov - Download (1.0 MB)

How-to Materials for Using the Microdata Access

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

Using Microdata Access: With ACS 1-Year Estimates - Public Use Microdata Sample (1.0 MB)
Using Microdata Access: How to Create Poverty Estimates from the CPS ASEC (2.0 MB)

Related Information

- How Can I Find Additional Geographic Information, such as School District, of a Particular Address?
- How Can I Use the Address Search Tool to Find the Address?
- How Can I Find Geographic Information about a Particular Address using TIGERWeb?
- How Can I Find More Geographic Information on a Particular Address using the Internet?
- How Can I Find More Geographic Information on a Particular Address using TIGERWeb?
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

Until then, find it here.

Frequently Asked Questions

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?

Data Ferret Data Sets 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.

Video Tutorials

Our team is excited to share with you our favorite tips and tricks about 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?
Email Updates

Get data.census.gov updates delivered to your inbox!

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