South Dakota State Data Conference
Pierre SD October 12, 2017

Census data tools: American Fact Finder

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21st Century Expectation: Anywhere, Anytime Access

Meet users’ expectations:

- 24/7 access to data
- Easy Access
- Timely
- Relevant

Census.Gov
Data Available on Census.gov

Decennial Census Data
• 100% Data
• 10 Questions, 10 Minutes

American Community Survey Estimates
• 1 year (65,000+)
• 5 year (all pop)

Business Datasets
• Economic Census
• NAICS
• County Business Patterns
• Foreign Trade Data
• Survey of Construction
• Economic Indicators
• Business Dynamics Statistics
Decennial Census Data

100% Data
• Not a Sample but a count of everyone.

Short Form Only in 2010
• 10 Questions, 10 Minutes

2010 Census Data Items:
• Race, Ethnicity, Sex, Age, Household Relationship, Housing Tenure (own or rent)

Geography:
• Data is fully available at all levels of geography.
The American Community Survey

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

- Largest U.S. survey 3.5 Million Homes Annually
- Four Key Characteristics
  - Social
  - Economic
  - Housing
  - Demographic
- Margin of Error
- 1, and 5 Year Data Sets Estimates
- Helps inform decision makers
- Covers 35 topics and supports over 300 known Federal Government uses
- Has four data collection modes: Internet, Mail, Telephone, Personal Visit
- Geography Limitations
  - 1 Year above 65K
  - 5 Year all populations
- More than $675 billion are allocated based on Census Bureau data,
The Economic Census

- Conducted every five years
- Comprehensive Business Information
- Statistics on 1,000+ Industries
- Electronic Reporting Available
- Responses are Confidential
Other Census Surveys

- Survey of Business Owners
- Current Population Survey
- National Crime Victimization Survey
- Consumer Expenditure
- Survey of Income and Program Participation
- American Housing Survey
- Census of Governments
The U.S. Census Bureau conducts more than 130 surveys each year, including our nation’s largest household survey, the American Community Survey and the largest business survey, Annual Retail Trade.
The standard hierarchy of census geographic entities displays the relationships between legal, administrative, and statistical boundaries maintained by the U.S. Census Bureau.

Geography Atlas [https://www.census.gov/geo/reference/webatlas/](https://www.census.gov/geo/reference/webatlas/)
From Census.gov select the data tab, Then American Fact Finder

Select Advanced Search
American FactFinder
Advanced Search

http://factfinder.census.gov/faces/nav/jsf/pages/searchresults.xhtml?refresh=t
To search for tables and other files in American FactFinder:

Select Geographies

Enter search terms and an optional geography and click GO

Enter a street address, city and state, or a street address and ZIP code. Click 'Go'.

Note: street address search will use the latest available address data beginning with 2016 and working backwards.

street address: 320 E. Sioux Ave
<table>
<thead>
<tr>
<th>city</th>
<th>state</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pierre</td>
<td>South Dakota</td>
</tr>
</tbody>
</table>

GO
Close the select Geography window and the available data is displayed.
Guidance for Data Users

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

- Subjects Included in the Survey
- Which Data Table or Tool Should I Use?
  - Data Tools Chart
  - Table IDs Explained
- When to Use 1-year, 3-year, or 5-year Estimates
- Handbooks
- Comparing ACS Data
  - ACS/Census Table Comparisons
- Statistical Testing Tool
- Training Presentations

<table>
<thead>
<tr>
<th>Table ID Characters</th>
<th>Type of Table</th>
<th>Contains</th>
</tr>
</thead>
<tbody>
<tr>
<td>B</td>
<td>Detailed Table</td>
<td>Base Table: Most detailed estimates on all topics for all geographies</td>
</tr>
<tr>
<td>C</td>
<td>Collapsed Table</td>
<td>Similar information from its corresponding base Table (B) but at a lower level of detail because one or more lines in the Base Table have been grouped together</td>
</tr>
<tr>
<td>K20</td>
<td>Supplemental Table</td>
<td>The only source of 1-year statistics for selected geographies with populations of 20,000-64,999</td>
</tr>
<tr>
<td>S</td>
<td>Subject Table</td>
<td>A span of information on a particular ACS subject, such as veterans, presented in the format of both estimates and percentages</td>
</tr>
<tr>
<td>R</td>
<td>Ranking Table</td>
<td>State rankings across approximately 90 key variables</td>
</tr>
<tr>
<td>GCT</td>
<td>Geographic Comparison Table</td>
<td>Comparisons across approximately 95 key variables for geographies other than states such as counties or congressional districts</td>
</tr>
<tr>
<td>DP</td>
<td>Data Profile</td>
<td>Broad social, economic, housing, and demographic information in a total of four profiles</td>
</tr>
<tr>
<td>NP</td>
<td>Narrative Profile</td>
<td>Summaries of information in the Data Profiles using non-technical text</td>
</tr>
<tr>
<td>CP</td>
<td>Comparison Profile</td>
<td>Comparisons of ACS estimates over time in the same layout as the Data Profiles</td>
</tr>
<tr>
<td>S0201</td>
<td>Selected Population Profile</td>
<td>Broad ACS statistics for population subgroups by race, ethnicity, ancestry, tribal affiliation, and place of birth</td>
</tr>
</tbody>
</table>

Element 2: Subject (B, C, K20, S, R, and GCT Tables Only)

The next 2 characters identify the subject of the table. Profiles (DP, NP, CP, and S0201) cover multiple topics, so they do not have any characters to indicate a subject.

<table>
<thead>
<tr>
<th>Subject Number</th>
<th>Subject Name</th>
<th>Subject Number</th>
<th>Subject Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>Age, Sex</td>
<td>16</td>
<td>Language Spoken at Home</td>
</tr>
<tr>
<td>02</td>
<td>Race</td>
<td>17</td>
<td>Poverty Status</td>
</tr>
<tr>
<td>03</td>
<td>Hispanic or Latino Origin</td>
<td>18</td>
<td>Disability Status</td>
</tr>
<tr>
<td>04</td>
<td>Ancestry</td>
<td>19</td>
<td>Income</td>
</tr>
<tr>
<td>05</td>
<td>Citizenship Status, Year of Entry, Foreign Born Place of Birth</td>
<td>20</td>
<td>Earnings</td>
</tr>
<tr>
<td>06</td>
<td>Place of Birth</td>
<td>21</td>
<td>Veteran Status, Period of Military Service</td>
</tr>
<tr>
<td>07</td>
<td>Migration/Residence 1 Year Ago</td>
<td>22</td>
<td>Food Stamps/Supplemental Nutrition Assistance Program (SNAP)</td>
</tr>
<tr>
<td>08</td>
<td>Commuting (Journey to Work), Place of Work</td>
<td>23</td>
<td>Employment Status, Work Status Last Year</td>
</tr>
<tr>
<td>09</td>
<td>Relationship to Householder</td>
<td>24</td>
<td>Industry, Occupation, and Class of Worker</td>
</tr>
<tr>
<td>10</td>
<td>Grandparents and Grandchildren Characteristics</td>
<td>25</td>
<td>Housing Characteristics</td>
</tr>
<tr>
<td>11</td>
<td>Household Type, Family Type, Subfamilies</td>
<td>26</td>
<td>Group Quarters</td>
</tr>
<tr>
<td>12</td>
<td>Marital Status, Marital History</td>
<td>27</td>
<td>Health Insurance Coverage</td>
</tr>
<tr>
<td>13</td>
<td>Fertility</td>
<td>28</td>
<td>Computer and Internet Use</td>
</tr>
<tr>
<td>14</td>
<td>School Enrollment</td>
<td>98</td>
<td>Quality Measures</td>
</tr>
<tr>
<td>15</td>
<td>Educational Attainment; Undergraduate Field of Degree</td>
<td>59</td>
<td>Allocation Table for Any Subject</td>
</tr>
</tbody>
</table>
Select Total Population. All available tables with total population are listed.

Modify a table and Transpose Columns.
Download Data

Notice the Yellow Triangle And green triangles in each Cell upper left corner.

Select all cells with green arrows, Hover over yellow triangle, Select Down arrow, Select “Convert to number” Now the cells are filterable

Output file is a PDF or *.XLS

Output file is a Zip file with *.CVS files

(if File dialog does not appear Check Popup blocker and turn off)
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