Overview of The New American FactFinder (AFF2)

New Look

New Tools

Easier Access

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Part 1 Overview of American Factfinder

• Agenda
  – Recommended Internet Browsers
  – American Factfinder

• Filtering
  – Topics
  – Geography
  – Race and Ethnic Groups
  – Industry Codes
Speaking of Browsers (01-25-12)

• Recommended browsers
  – Internet Explorer 7.0
  – Mozilla Firefox 3.6

• Some compatibility issues still
  – Safari
  – Google Chrome
New Census Bureau Homepage
census.gov

American FactFinder is the single entry point for census data

Simple data searches are available on the homepage
Nine tutorials take 3-5 minutes each to complete -- the AFF2 search and navigation tips (in your packets) are based on these tutorials. A “Virtual Tour” is also available.
Filters Column
available from both the Main and the Search tabs

Search - Use the options on the left (topics, geographies, ...) to narrow your search results

Search using the options below:
- **Topics**
- **Geographies**
- **Race and Ethnic Groups**
- **Industry Codes**

**To search for tables and other files in America:**

1. Select from **Topics**, **Race and Ethnic Groups**, or **Industry Codes** or Enter a topic, keyword, or table ID in the **Search for** box.
   - these are added to 'Your Selections'
   - the Search Results are updated

2. Select **Geographies** (states, cities, towns, counties, etc.)
   - these are added to 'Your Selections'
   - the Search Results are updated

3. Select one or more Search Results and click **View**

... or begin a search by entering a topic or table number in the Search for text box (example: children)
Available selections change as you apply filters, which then appear in the Your Selections box. You make your final selection of data product (table) from this list and then view the result.

Search Results = number of data products currently available, before filters are applied

Search for text entry will further refine selections available

“i” (information) icon = to display table shell
Very Important . . .

All the filters you choose must appear in the Your Selections box before you make your final selection of a data product (table).
Search Issues

- Refining too much/not enough
- Selecting a search/topic combination that does not exist in the dataset
- Not clearing out old selections when starting a new search
Let’s take an example

• You are interested in Poverty Data from the American Community Survey for El Dorado, Placer, Sacramento, Sutter, Yolo and Yuba Counties.

• 5 Easy Steps
  – Step 1: Go to American Factfinder
  – Step 2: Filter the Data Sets to 2010 ACS 5 yr Estimates
Data Extraction Example From AFF

- **Step 3:** Select Geography—El Dorado, Placer, Sacramento, Sutter, Yolo & Yuba

- **Step 4:** Select Topics by Narrowing your Search to “poverty” and select S1701 and then select “View”.
View your Results

![U.S. Census Bureau FactFinder](image)

#### S1701
**POVERTY STATUS IN THE PAST 12 MONTHS**
2006-2010 American Community Survey 5-Year Estimates

**Table View**

**Actions:** Modify Table, Bookmark, Print, Download, Create a Map

Although the American Community Survey (ACS) produces population, demographic and housing unit estimates, for 2010, the 2010 Census provides the official counts of the population and housing units for the nation, states, counties, cities, and towns. For 2006 to 2008, the Population Estimates Program provides intercensal estimates of the population for the nation, states, and counties.

<table>
<thead>
<tr>
<th>Subject</th>
<th>El Dorado County, California</th>
<th>Placer County, California</th>
<th>Sacramento County, California</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Total</td>
<td>Below poverty level</td>
<td>Percent below poverty level</td>
</tr>
<tr>
<td>Population for whom poverty status is determined</td>
<td>177,860 ± 4.75</td>
<td>14,003 ± 1,251</td>
<td>7.0% ± 0.7</td>
</tr>
<tr>
<td>Under 18 years</td>
<td>41,884 ± 219</td>
<td>4,162 ± 850</td>
<td>10.0% ± 1.5</td>
</tr>
<tr>
<td>Related children under 18 years</td>
<td>41,507 ± 259</td>
<td>4,007 ± 803</td>
<td>9.7% ± 1.4</td>
</tr>
<tr>
<td>18 to 64 years</td>
<td>111,711 ± 419</td>
<td>8,572 ± 851</td>
<td>7.7% ± 0.8</td>
</tr>
<tr>
<td>65 years and over</td>
<td>24,255 ± 165</td>
<td>1,269 ± 201</td>
<td>5.2% ± 1.1</td>
</tr>
</tbody>
</table>
### Modify a Table

- Collapse or expand groups of data
- Reorder rows and columns
- Transpose rows and columns
- Filter results
- Reset table to its original view
- Bookmark or save query
- Download table

---

#### 2006-2010 American Community Survey 5-Year Estimates

**Poverty Status in the Past 12 Months**

<table>
<thead>
<tr>
<th>Subject</th>
<th>El Dorado County, California</th>
<th>Placer County, California</th>
<th>Sacramento County, California</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Total</td>
<td>Below poverty level</td>
<td>Percent below poverty level</td>
</tr>
<tr>
<td>Population for whom poverty status is determined</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Under 18 years</td>
<td>177,669</td>
<td>+/-475</td>
<td>14,003</td>
</tr>
<tr>
<td>Related children under 18 years</td>
<td>41,094</td>
<td>+/-219</td>
<td>4,102</td>
</tr>
<tr>
<td>18 to 64 years</td>
<td>111,711</td>
<td>+/-419</td>
<td>8,572</td>
</tr>
<tr>
<td>65 years and over</td>
<td>24,255</td>
<td>+/-185</td>
<td>1,289</td>
</tr>
<tr>
<td>SEX</td>
<td>Male</td>
<td>88,785</td>
<td>+/-465</td>
</tr>
</tbody>
</table>
Create a Thematic Map (“on the fly” from a table)

Data Classes and Colors:
- Change colors and transparency
- Modify number of classes
- Revise classing method

Boundaries and Features:
- Select / Deselect, then Update

Find a Location:
- By place name
- By address
- By latitude and longitude
- By geographic area

Map Markers:
- Place a map marker
- Place text on a map

Caveats:
- One theme (only) per map
- At least two (same level) geographies

Source: U.S. Census Bureau, 2006-2010 American Community Survey
Part 2 Overview of American Factfinder

• Agenda
  – Using Wildcards to filter to specific tables
  – How to filter an address to find its various census geographies
  – Filtering from the ACS Home Page
  – Filter by Race and Ethnic Codes
  – Filter by Industry Codes
Quick Start – Table ID Search “Wildcards”
A nice trick that you can use in AFF is the use of wildcards to select only the topics/tables in which you are interested.
If you are just interested in American Community Survey Data another way of filtering AFF is by choosing your topic from the ACS Home Page.
Census Geography: Sub-County Relationships

Understanding the Relationships between U.S. Census Bureau Geographic Entities

<table>
<thead>
<tr>
<th>State</th>
<th>County</th>
<th>Place</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Jones County</td>
<td>Green City</td>
</tr>
<tr>
<td></td>
<td>Block Group 3</td>
<td>Census Tract 5.02</td>
</tr>
</tbody>
</table>

- State
- County
- Place

- Block
- Block Group
- Census Tract
Search Using Geography

Name tab

Enter text or use geo filters

Geographic selections added to Your Selections box

Search Results updated under geography overlay

Close overlay after verifying your final choice is included in the Your Selections box
Search using Geography Address tab

Search for geographies by entering an address then select geographies to add to Your Selections.

Refer to the Census geographic hierarchy in your packets.
Search using Geography

**Address tab**

Search for geographies by entering an address then Select geographies to add to Your Selections

<table>
<thead>
<tr>
<th>Geography Name</th>
<th>Geography Type</th>
<th>Geography Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>PUMAS 01101, California</td>
<td>Public Use Microdata Area (PUMA)</td>
<td>795</td>
</tr>
<tr>
<td>California</td>
<td>State</td>
<td>040</td>
</tr>
<tr>
<td>Sacramento County, California</td>
<td>County</td>
<td>050</td>
</tr>
<tr>
<td>Sacramento CCD, Sacramento County, California</td>
<td>County Subdivision</td>
<td>060</td>
</tr>
<tr>
<td>Block 1068, Block Group 1, Census Tract 11.01, Sacramento County, California</td>
<td>Block</td>
<td>100</td>
</tr>
<tr>
<td>Census Tract 11.01, Sacramento County, California</td>
<td>Census Tract</td>
<td>140</td>
</tr>
<tr>
<td>Block Group 1, Census Tract 11.01, Sacramento County, California</td>
<td>Block Group within Census Tract</td>
<td>150</td>
</tr>
<tr>
<td>Sacramento city, California</td>
<td>Place within State</td>
<td>160</td>
</tr>
<tr>
<td>Sacramento–Arden-Arcade–Riceville, CA Metro Area</td>
<td>Metro Statistical Area/Micro Statistical Area</td>
<td>310</td>
</tr>
<tr>
<td>Sacramento–Yolo, CA CMSA</td>
<td>MSA/CMSA</td>
<td>380</td>
</tr>
<tr>
<td>Sacramento, CA PMSA; Sacramento–Yolo, CA CMSA</td>
<td>PMSA within CMSA</td>
<td>385</td>
</tr>
<tr>
<td>Sacramento, CA Urbanized Area</td>
<td>Urban Area</td>
<td>400</td>
</tr>
<tr>
<td>Congressional District 5 (11th Congress), California</td>
<td>Congressional District</td>
<td>500</td>
</tr>
<tr>
<td>State Senate District 8 (2010), California</td>
<td>State Legislative District (Upper)</td>
<td>610</td>
</tr>
<tr>
<td>Assembly District 9 (2010), California</td>
<td>State Legislative District (Lower)</td>
<td>820</td>
</tr>
<tr>
<td>Voting District 1002B, Sacramento County, California</td>
<td>Voting District/Remainder</td>
<td>790</td>
</tr>
<tr>
<td>ZCTA 05923</td>
<td>5-Digit ZCTA</td>
<td>860</td>
</tr>
<tr>
<td>ZIP 95814 (Sacramento, CA)</td>
<td>5-Digit ZIP Code</td>
<td>881</td>
</tr>
<tr>
<td>Remainder of California, California</td>
<td>School District (Elementary)/Remainder</td>
<td>550</td>
</tr>
<tr>
<td>Remainder of California, California</td>
<td>School District (Secondary)/Remainder</td>
<td>580</td>
</tr>
<tr>
<td>Sacramento City Unified School District, California</td>
<td>School District (Unified)/Remainder</td>
<td>970</td>
</tr>
<tr>
<td>Sacramento City, California</td>
<td>Economic Place</td>
<td>820</td>
</tr>
</tbody>
</table>
Search using Geography: Map tab

- Select a single geography by clicking on the map
- Select multiple geographies by drawing a rectangle or circle on the map
- Add the selected geographic areas to “Your Selections”
Search using Race and Ethnic Groups

Population Groups overlay functions like Geography overlay
Search using **Industry Codes**

... As does the Industry Codes overlay
Data Need Problem

You want to compare Food Stamps/SNAP Households in the City of Sacramento, Dixon, Elk Grove, Rancho Cordova and Rocklin
Step 1: Select the desired data set

Why am I selecting 2010 ACS 5-year estimates?

Why did I not select 2010 ACS 1- or 3-year estimates?

Why did I not Select 2010 Census Data SF1 or SF2?
Step 2: Select your Geography
Step 3: Enter Food Stamps/SNAP to Narrow your Search
### Step 3: View

#### Receipt of Food Stamps/SNAP in the Past 12 Months by Presence of Children Under 18 Years by Household Type for Households

2006-2010 American Community Survey 5-Year Estimates

<table>
<thead>
<tr>
<th></th>
<th>Dixon City, California</th>
<th>Elk Grove City, California</th>
<th>Rancho Cordova City, California</th>
<th>Rocklin City, California</th>
<th>Sacramento City, California</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Total:</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Household received Food Stamps/SNAP in the past 12 months:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>With children under 18 years:</td>
<td>131</td>
<td>1,372</td>
<td>1,750</td>
<td>194</td>
<td>12,700</td>
</tr>
<tr>
<td>Married-couple family</td>
<td>96</td>
<td>905</td>
<td>833</td>
<td>47</td>
<td>4,494</td>
</tr>
<tr>
<td>Other family:</td>
<td>95</td>
<td>808</td>
<td>849</td>
<td>147</td>
<td>8,107</td>
</tr>
<tr>
<td>Male householder, no wife present</td>
<td>0</td>
<td>96</td>
<td>50</td>
<td>0</td>
<td>1,336</td>
</tr>
<tr>
<td>Female householder, no husband present</td>
<td>95</td>
<td>711</td>
<td>759</td>
<td>147</td>
<td>6,771</td>
</tr>
<tr>
<td>Nonfamily households</td>
<td>11</td>
<td>13</td>
<td>46</td>
<td>0</td>
<td>65</td>
</tr>
<tr>
<td>Households:</td>
<td>202</td>
<td>2,865</td>
<td>737</td>
<td>154</td>
<td>3,454</td>
</tr>
<tr>
<td>Married-couple family</td>
<td>11</td>
<td>96</td>
<td>80</td>
<td>12</td>
<td>801</td>
</tr>
<tr>
<td>Other family:</td>
<td>0</td>
<td>107</td>
<td>29</td>
<td>0</td>
<td>10</td>
</tr>
<tr>
<td>Male householder, no wife present</td>
<td>0</td>
<td>78</td>
<td>29</td>
<td>0</td>
<td>247</td>
</tr>
<tr>
<td>Female householder, no husband present</td>
<td>0</td>
<td>59</td>
<td>29</td>
<td>0</td>
<td>247</td>
</tr>
<tr>
<td>Nonfamily households</td>
<td>0</td>
<td>12</td>
<td>50</td>
<td>12</td>
<td>10</td>
</tr>
<tr>
<td>Household did not receive Food Stamps/SNAP in the past 12 months:</td>
<td>5,569</td>
<td>42,050</td>
<td>20,402</td>
<td>19,622</td>
<td>157,710</td>
</tr>
<tr>
<td>With children under 18 years:</td>
<td>2,430</td>
<td>21,442</td>
<td>8,056</td>
<td>8,000</td>
<td>44,742</td>
</tr>
<tr>
<td>Married-couple family</td>
<td>1,749</td>
<td>18,411</td>
<td>6,304</td>
<td>8,284</td>
<td>28,241</td>
</tr>
<tr>
<td>Other family:</td>
<td>821</td>
<td>4,859</td>
<td>2,366</td>
<td>1,666</td>
<td>16,127</td>
</tr>
<tr>
<td>Male householder, no wife present</td>
<td>130</td>
<td>1,280</td>
<td>2,201</td>
<td>1,599</td>
<td>4,599</td>
</tr>
<tr>
<td>Female householder, no husband present</td>
<td>130</td>
<td>3,583</td>
<td>709</td>
<td>1,049</td>
<td>11,437</td>
</tr>
</tbody>
</table>

Although the American Community Survey (ACS) produces population, demographic, and housing unit estimates for 2010, the 2010 Census provides the official counts of the population and housing units for the nation, states, counties, cities, and towns. For 2006 to 2009, the Population Estimates Program provides intercensal estimates of the population for the nation, states, and counties.
Retrieving and Downloading

American FactFinder - Results - Mozilla Firefox

U.S. Census Bureau

Results - Click Back to Search to select other tables or geographies

QT_H1 General Housing Characteristics: 2010 2010 Census Summary File 1

Table View

Actions: Modify Table Bookmark Print Download

NOTE: For information on confidentiality protection, nonsampling error, and definitions, see

Geography: Anchorage, Alaska

OCCUPANCY STATUS
Total housing units
Occupied housing units
Vacant housing units

TENURE
Occupied housing units
Owner occupied
Whether living in a mortgage or loan
Tenant occupied

VACANCY STATUS
Vacant housing units
For rent
For sale only
For rent only
For sale
For rent or sale
For rental or sale
For seasonal, recreational, or occasional use
For migratory workers
Other vacant

TENURE BY HISPANIC OR LATINO ORIGIN OF HOUSEHOLDER BY RACE OF HOUSEHOLDER

Download

Select a download format and click OK.

- Comma delimited (csv) format (data rows only)
- PDF
- Microsoft Excel (.xls)
- Rich Text Format (.rtf)

Data and annotations in a single file
Data and annotations in separate files

Orientation
Portrait Landscape

Paper size
8 1/2 x 11
8 1/2 x 14

NOTE: By selecting Adobe PDF or Rich Text Format, a document will be downloaded in the respective file format.
Retrieving and Downloading

Opening DEC_10_SF1_QTH1.xls

You have chosen to open
DEC_10_SF1_QTH1.xls

which is a Microsoft Excel 97-2003 Worksheet
from: http://factfinder2.census.gov

What should Firefox do with this file?

- Open with: Microsoft Excel (default)
- Save File
- Do this automatically for files like this from now on.

Download or Cancel
Saving Results

Results - Click Back to Search to select other tables or geographies

QTH1 | General Housing Characteristics: 2010
| 2010 Census Summary File 1

Table View

Actions: Modify Table | Bookmark | Print | Download

NOTE: For information on confidentiality protection, non-sampling error, and definitions, see...

Geography: Adak city, Alaska

<table>
<thead>
<tr>
<th>OCCUPANCY STATUS</th>
<th>Total housing units</th>
<th>Occupied housing units</th>
<th>Vacant housing units</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TENURE</td>
<td>Occupied housing units</td>
<td>Owner occupied</td>
<td>Owned with a mortgage or loan</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Owned free and clear</td>
<td>27</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Renter occupied</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>VACANCY STATUS</td>
<td>Vacant housing units</td>
<td>For rent</td>
<td>453</td>
</tr>
<tr>
<td></td>
<td></td>
<td>For sale only</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Sold, not occupied</td>
<td>39</td>
</tr>
<tr>
<td></td>
<td></td>
<td>For seasonal, recreational, or occasional use</td>
<td>33</td>
</tr>
<tr>
<td></td>
<td></td>
<td>For migrant workers</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Other vacant</td>
<td>130</td>
</tr>
</tbody>
</table>

Click the "Create Bookmark" button to save a bookmark to the current query.

Name: DEC_10_SFI_QTH1
Folder: Bookmarks Menu
Tags: Separate tags with commas
Load this bookmark in the sidebar

Click the "Save Query" button to save the viewed products' table selections to a file on your local drive. This option does not save data but only the selections for the currently viewed result.

To retrieve a saved query, use the "Load Query" button from the Bookmark Page.
Saving Results

Click the "Create Bookmark" button to save a bookmark to this page.

CREATE BOOKMARK

- or -

Use the "Save Query" button to save the viewed product's geography and table selections to a file on your local drive. This option does not save the data but only the selections for the currently viewed result.

To retrieve a saved query, use the "Load Query" button from the Main Page.

SAVE QUERY
## Saving Results

### Opening DEC_10_SF1_QTH1.aff

You have chosen to open

1. DEC_10_SF1_QTH1.aff

   which is an aff file (290 bytes)
   from: http://factfinder2.census.gov

   What should Firefox do with this file?

   - [ ] Open with [Browse...]
   - [x] Save File
   - [ ] Do this automatically for files like this from now on.

---

### Table View

#### General Housing Characteristics: 2010

- **QTH1**
  - 2010 Census Summary File 1

#### Table Contents:

- **Occupancy Status**
  - Total housing units
  - Occupied housing units
  - Vacant housing units

- **Tenure**
  - Occupied housing units
  - Owner occupied
  - Tenant occupied
  - Rent, not occupied
  - For sale only
  - Sold, not occupied
  - For seasonal, recreational, or occasional use
  - For migratory workers
  - Other vacant

- **Vacancy Status**
  - Vacant housing units
  - For rent
  - For sale only
  - Sold, not occupied

- **Tenure by Hispanic or Latino Origin of Householder by Race of Householder**

---

### Geography:

- Adak city, Alaska
Load Saved Queries from the AFF home page.

Saves time in selecting desired geographies or topics for additional searches.
Final Topic in AFF for today

• Extracting a Narrative Profile for Geographies over 20,000+
Step 3: Select NP01 for 2010 3-year estimates and select “View”

A Narrative Profile can save you a lot of time when writing a demographic and economic profile of the reservation.
AFF Resources

• General assistance with AFF
  301-763-INFO (4636) or 800-923-8282
• FAQs
  https://ask.census.gov/faq.php?dept=769&id=5000

• ONLINE TUTORIALS
  http://factfinder2.census.gov/help/en/american_factfinder_help.htm#

• Census 2000 Table Lookup
  http://www.census.gov/acs/www/guidance_for_data_users/table_comparisons/
For more Information

• Visit the ACS/PRCS website:
  • [http://www.census.gov/acs/www](http://www.census.gov/acs/www)
  • (Can also sign-up for email updates)

• Contact by telephone:
  • 1-800-923-8282

• Contact by email:
  • acso.users.support@census.gov
  • Michael Burns
  • michael.p.burns@census.gov
Guidance for Data Users Main

Three tips for using American Community Survey data

1. The 2010 Census shows the number of people who live in the U.S. and the American Community Survey shows how people live.
   Use data from the American Community Survey to obtain demographic, social, economic, and housing characteristics.

2. All American Community Survey (ACS) data are estimates.
   The Census Bureau collects American Community Survey data from a sample of the population in the United States and Puerto Rico—rather than from the whole population. All ACS data are survey estimates. To help you interpret the reliability of the estimate, the Census Bureau publishes a margin of error (MOE) for every ACS estimate.

3. American Community Survey collects and releases data by the calendar year for geographic areas that meet specific population thresholds.

<table>
<thead>
<tr>
<th>Data collected between...</th>
<th>Data pooled to produce</th>
<th>Data published for areas with</th>
</tr>
</thead>
<tbody>
<tr>
<td>January 1, 2010 and December 31, 2010</td>
<td>2010 ACS 1-year estimates</td>
<td>populations of 65,000+</td>
</tr>
<tr>
<td>January 1, 2008 and December 31, 2008</td>
<td>2008-2010 ACS 3-year estimates</td>
<td>populations of 20,000+</td>
</tr>
</tbody>
</table>
Thank you!

Michael Burns
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