

Accessing Data in the NEW American FactFinder

Association of Public Data Users
Annual Conference

September 21, 2011



Today's Agenda & Topics

- **American FactFinder Overview**
 - Data available in the American FactFinder
 - Upcoming Releases and Enhancements
- **Features/Functions**
 - Search & Navigation
 - Searching for Geographies
 - View/Create Maps
- **Accessing Data**
 - 2010 Summary File 1
 - 2010 Demographic Profile
 - 2010 Census vs. Census 2000
 - ACS 1-Year Estimates
- **Table Functions**
- **Question/Answer Session**



What Data is Available in the American FactFinder?

NEW American FactFinder

Decennial Census

- 2010 Census (data released to date)
- Census 2000

Annual Population Estimates

- 2008 Population Estimates

American Community Survey

- 2010 ACS 1-Year Estimates (coming soon)

Economic Census/Annual Economic Surveys

- 2004-2009 Business Patterns
- 2004-2009 Nonemployer Statistics

Legacy American FactFinder

Decennial Census

- Census 2000
- 1990 Census

Annual Population Estimates

- 2006-2009 Population Estimates

American Community Survey/Puerto Rico Community Survey

- 2005-2009 ACS 5-Year Estimates and prior

Economic Census/Annual Economic Surveys

- 2007, 2002, & 1997 Economic Census
- 2004-2008 Business Patterns
- 2003-2008 Nonemployer Statistics
- 2003-2009 Annual Survey of Manufactures



Upcoming Releases & Enhancements

Release 2.0 - September 2011

- **Data Release**

- 2010 ACS 1-Year Estimates
- 2010 Census PL 94-171 in Spanish

- **Application Release** – Release 2.0 is the first major functional release following the initial public release in January, 2011.

Functions include:

Functional Updates
Format for Print
Sort on Multiple Values
Narrative Profile (functionality)
Display Errata
Display Geographic Changes
Download Spatial Data
Download as JPEG and RTF Formats
Increased Download Threshold

Future Releases

(Moving to a quarterly Release Schedule starting December 2011):

- Improve usability
- Simplify the search process
- Continue to improve system performance



Data Releases through 2011

2010 CENSUS

2010 Census SF1 - Continued Release of States and PR **Available**

2010 Census PL 94-171 (Spanish version) – **September 2011**

2010 Census SF1 National - **November 2011**

2010 Census SF1 Puerto Rico- Spanish – **December 2011**

2010 Census Summary File 2 (SF2) - States and Puerto Rico – **December 2011 – April 2012**

ACS

2010 American Community Survey, 1 Year Estimates – **September 2011**

2010 American Community Survey, 3 Year Estimates – **October 2011**

2010 American Community Survey, 5 Year Estimates – **December 2011**

2010 Puerto Rico Community Survey, 3 Year Estimates – **January 2012**

ECON

2009 Zip Code Business Patterns – **Available**

2009 Nonemployer Statistics – **Available**

2010 Annual Survey of Manufacturers – **November 2011**

SAIPE

2010 SAIPE - **November 2011**

Data Conversion from Legacy AFF

Remaining Census 2000 products currently only in Legacy - **September 2011**

All other products that are currently only in Legacy - **Through Fall 2011**



Search & Navigation

- Search Options
 - Quick Start Search
 - Topic Search
 - Address Search
 - Reference Map Search
- Your Selections
- View/Download



Quick Start Search

Example: Search for latest information available about “housing” in “Delaware”

Quick Start

Enter search term(s) and click 'GO' ?

topic or table name for geography (optional)

topics population groups industries

Or use the options on the left to begin your search

- Quick access to information on one topic and/or one geography
- Keyword/phrase information-based search
- Typically provides broad list of Search Results
- Searches for keyword/phrase matches within data product content, i.e., table titles, headers, stubs
- Limited to searching AFF2 available products only

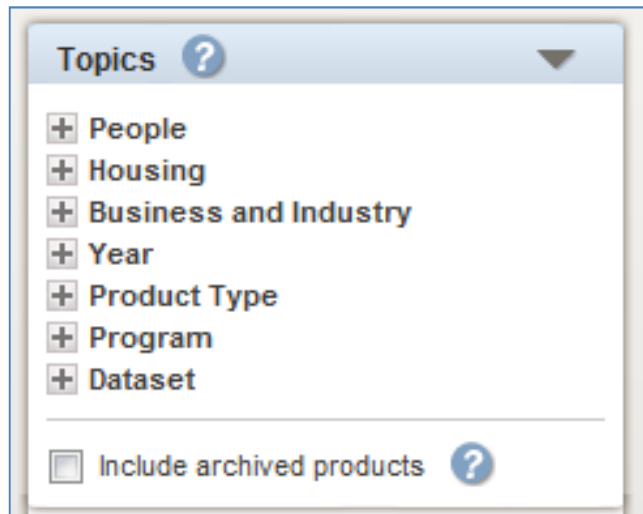
Search Results: 1-25 of 1,338 per page: 25

Selected: View Download Compare Clear All ?

ID	Title	Dataset	About
DP-1	Profile of General Population and Housing Characteristics: 2010	2010 Demographic Profile SF	?
QT-H1	General Housing Characteristics: 2010	2010 SF1 100% Data	?
QT-PL	Race, Hispanic or Latino, Age, and Housing Occupancy: 2010	2010 Redistricting Data SF (PL 94-171)	?
QT-PL	Race, Hispanic or Latino, Age, and Housing Occupancy: 2010	2010 National Redistricting Data SF	?
H1	HOUSING UNITS	2010 SF1 100% Data	?
H10	TOTAL POPULATION IN OCCUPIED HOUSING UNITS	2010 SF1 100% Data	?
H11	TOTAL POPULATION IN OCCUPIED HOUSING UNITS BY TENURE	2010 SF1 100% Data	?



Topic Search



- Filtered Search
- Users select Topic Category and appropriate sub-categories of interest
- Searches data products associated with topics selected
- Search Results reflect selections made
- Typically provides more specific/narrow list of Search Results
- Selections made will refine list of remaining Topics available for selection
- Limited to searching AFF2 available products only



Search by Address & Reference Maps

The screenshot displays the 'Reference Maps' and 'Address Search' sections of the Census Bureau's search interface. The 'Reference Maps' section includes a dropdown menu set to 'United States' and a 'GO' button. The 'Address Search' section features a street sign icon and the text 'Find Census data by entering a street address.' To the right, a 'Select Geographies' dropdown menu is open, showing tabs for 'Name', 'Address', and 'Map'. The 'Address' tab is selected, and the input field contains the text 'Enter a geography name (Alabama, Marengo Co)'. Other visible elements include 'Topics', 'Geographies (states, counties, places, ...)', and 'Population Groups'.

Search by Address & Reference Maps can be accessed from the AFF Main Page or from their corresponding tabs in Geographies

- See a list of geographies that are related to a specific address
- See a map of an area
- Use both options to select geographies to add search criteria to “Your Selections”



Your Selections

Whenever search criteria is added to "Your Selections", the Topics List, Geographies Search, Population Groups Search, Industry Code Search, and the Search Results will update to reflect the search criteria selected.

Your Selections

Dataset:
2010 SF1 100% Data ✖

Housing:Basic Count/Estimate:
Housing Units ✖

[clear all selections](#)

Tip: "Your Selections" is limited to **250** search items.

Topics ?

- + People
- **Housing**
 - + Occupancy Characteristic
- + Product Type
- + Dataset

Include archived products ?

Geographies

(states, counties, places,...)

Population Groups

(race, ancestry,...)

Search Results: 1-25 of 30

Selected: View | Download | Compare | Clear All ?

[compare information about two sele](#)

	ID	Title
<input type="checkbox"/>	QT-H1	General Housing Characteristics: 2010
<input type="checkbox"/>	H1	HOUSING UNITS



View or Download a Table

Search Results: 1-25 of 30

2 Selected: View | Download | Compare | Clear All ?

	ID	Title
<input checked="" type="checkbox"/>	QT-H1	General Housing Characteristics: 2010
<input checked="" type="checkbox"/>	H1	HOUSING UNITS

- Place a check next to each table/data product you wish to view or download
- You can select multiple tables to view at one time
- You can download up to 10 tables in a database compatible format at one time

Searching for Geographies

- Geographies Search
- View or Create Maps



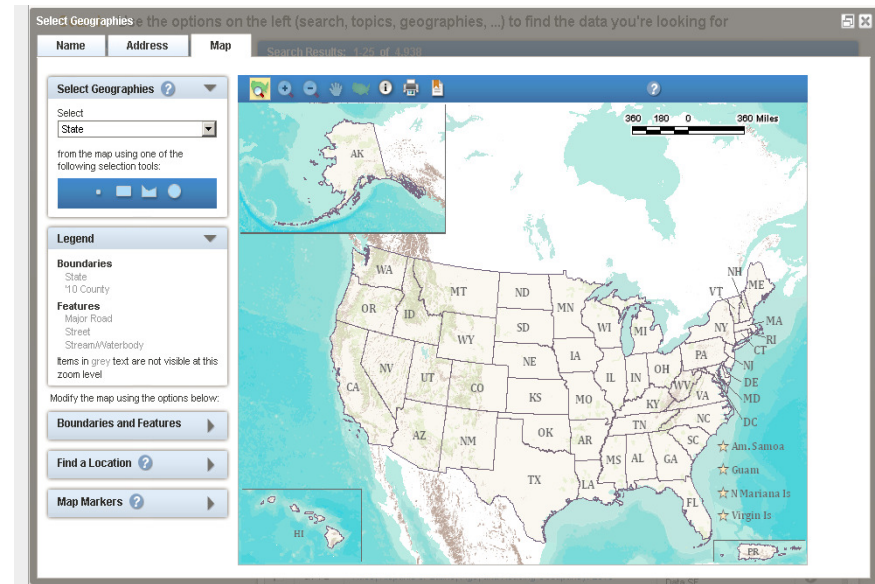
Geographies Search

- Search for Geographies by Name
 - Text Search
 - Filtered Search
 - Indices (See FAQ 8835)
 - Show most requested summary levels
 - Default setting consisting of commonly selected geographies
 - Show all summary levels
 - Displays all geographies / summary levels, not including individual blocks
 - Select individual blocks
 - Does not include “Group geographies” for blocks such as “all blocks within a Place”

The screenshot shows the 'Your Geography Filters' interface. At the top, it says 'Your Geography Filters' is empty. Below that, there are 'Geography Filter Options' including Geographic Type (with counts for Nation, State, County, City or Town, Congressional District, Census Tract, Metro/Micro Area, ZIP Code/ZCTA, and Other), Summary Level (with sub-options: Within State, Geographic Component, and Geographic Vintage), and an 'Include in results' section with radio buttons for 'All geographies', 'Individual geographies', and 'Groups of geographies'. There is also a checkbox for 'Show Geographic Components (e.g., urban, rural)'. The 'Show most requested summary levels' option is circled in purple. At the bottom, there is a search box with a dropdown for 'FIPS codes' and a 'GO' button.

View or Create Maps

- Reference Maps
 - Viewing Geographies
 - Selecting Geographies to add to “Your Selections”
 - Map Features available
- Thematic Map
 - Mapping tabular data
 - Map Features available



Accessing Data

- 2010 Summary File 1
- 2010 Demographic Profile
- 2010 Census vs. Census 2000
- ACS 1-Year Estimates



Accessing the 2010 Summary File 1 Tables

#	Instruction	AFF Response
1	1. MAKE "YOUR SELECTIONS" From the Main page: <ul style="list-style-type: none"> Select "Topics"; 	The Search Results page displays;
2	SELECT A DATASET Expand "Dataset": <ul style="list-style-type: none"> Select "2010 SF1"; 	"Your Selections" and your "Search Results" are updated. <ul style="list-style-type: none"> Only the 2010 SF1 tables are displayed.
3	Open the Geographies Search overlay window: <ul style="list-style-type: none"> Use the Geography Name text search option or Geography Filter Options to select Geographies; 	"Your Selections" & "Search Results" are updated;
4	Select the appropriate Summary File 1 table from the Search Results list. <i>TIP: Use the Download option to download the table in a database compatible format from the Search Results page.</i>	The selected table is displayed;



Accessing the 2010 Demographic Profile

- Example: *Find the Demographic Profile Summary File table for “All Counties within Delaware”*

#	Instruction	AFF Response
1	MAKE “YOUR SELECTIONS” From the Main page: <ul style="list-style-type: none"> • Select “Topics”; 	The Search Results page displays;
2	SELECT A DATASET Expand “Dataset”: <ul style="list-style-type: none"> • Select “2010 Demographic Profile SF”; 	“Your Selections” and your “Search Results” are updated. <ul style="list-style-type: none"> • Only the 2010 Demographic Profile Summary File table displays in the Search Results list.
3	Open the Geographies Search overlay window: <ul style="list-style-type: none"> • Use the Geography Name text search option or Geography Filter Options to select Geographies; Select “All Counties within Delaware” 	“Your Selections” & “Search Results” are updated;
4	Select the Demographic Profile Summary File table from the Search Results list. TIP: Use the <i>Download</i> option to download the table in a database compatible format from the <i>Search Results</i> page.	The selected table is displayed;



Comparing the 2010 Census & Census 2000 Data

- Example: *Compare the 2010 & 2000 Demographic Profile Summary File tables for “All Counties within Delaware”*

#	Instruction	AFF Response
1	MAKE “YOUR SELECTIONS” From the Main page: <ul style="list-style-type: none"> Select “Topics”; 	The Search Results page displays;
2	SELECT YOUR DATASETS Expand “Dataset”: <ul style="list-style-type: none"> Select “2010 Demographic Profile SF”; Select 2000 SF1 100% data; 	“Your Selections” and your “Search Results” are updated. <ul style="list-style-type: none"> Only the 2010 Demographic Profile & 2000 Summary File 1 tables display in the Search Results list.
3	Open the Geographies Search overlay window: <ul style="list-style-type: none"> Use the Geography Name text search option or Geography Filter Options to select Geographies; Select “All Counties within Delaware”	“Your Selections” & “Search Results” are updated;
4	Select the 2010 & 2000 Demographic Profile Summary File tables from the Search Results list. TIP: Use the Download option to download the tables in a database compatible format from the Search Results page.	The selected tables are displayed;

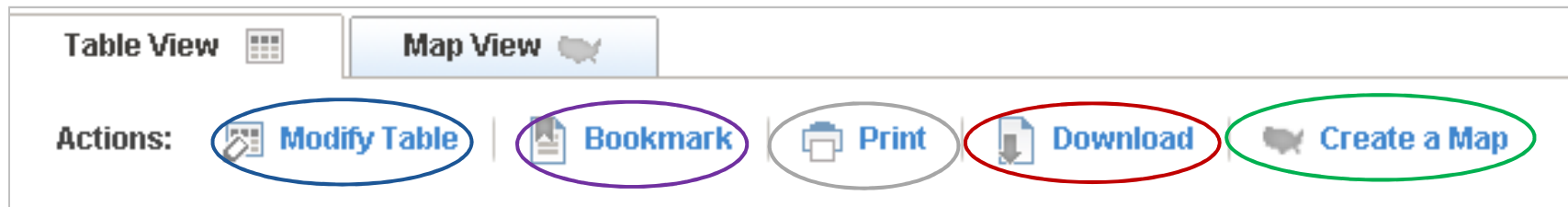


Accessing the 2010 American Community Survey 1-Year Estimates (available September 22, 2011)

#	Instruction	AFF Response
1	MAKE “YOUR SELECTIONS” From the Main page: <ul style="list-style-type: none"> Select “Topics”; 	The Search Results page displays;
2	SELECT A DATASET Expand “Dataset”: <ul style="list-style-type: none"> Select “2010 ACS 1-Year Estimates”; 	“Your Selections” and your “Search Results” are updated. <ul style="list-style-type: none"> Only the 2010 ACS 1-Year products display in the Search Results list.
3	Open the Geographies Search overlay window: <ul style="list-style-type: none"> Use the Geography Name text search option or Geography Filter Options to select Geographies; 	“Your Selections” & “Search Results” are updated;
4	Select products to View from the Search Results list. TIP: Use the <i>Download</i> option to download the table in a database compatible format from the <i>Search Results</i> page. TIP: Use the “About” “I” button to view more information about a specific table/product	The selected table is displayed;

Table Functions

- Modify Table
- Bookmark
- Download
- Create a Map (Map Data)
- Print (coming soon)



Modify Table

- Modify Table options include:
 - Collapse & Expand Rows
 - Show/Hide Rows & Columns
 - Rearrange Rows & Columns
 - Transpose Rows & Columns
 - Sort
 - Filter Rows

The screenshot shows a toolbar with the following elements:

- Actions:** Hide Table Tools | Bookmark | Download | Create a Map
- Table Tools:** Reset Table | Show Hidden Rows/Columns | Transpose Rows/Columns | ?
- Legend:**
 - show/hide rows and columns
 - collapse/expand data categories
 - rearrange columns
 - rearrange rows
 - sort ascending/descending
 - filter rows

Click 'Back to Search' to select other tables or geographies

Example: Modify Table

- Modify the 2010 Occupancy Status table, H1, for “all Places within Missouri”, to only display the Total number of housing units.
 - **Modify Table>Collapse by Total**
- Sort the table in descending order.
- Display only the Places that have more than 25,000 housing units.
 - **Filter>greater than 25,000**

The screenshot shows a web interface for modifying a table. At the top, there are action buttons: Hide Table Tools, Bookmark, Download, and Create a Map. Below these are Table Tools: Reset Table, Show Hidden Rows/Columns, and Transpose Rows/Columns. A legend section includes options for show/hide rows and columns, collapse/expand data categories, rearrange columns, rearrange rows, sort ascending/descending, and filter rows. A note indicates this is a modified view of the original table. Below the note is a URL for confidentiality information and another note about changing to specific summary files. The main table displays a list of cities in Missouri with their total housing units, sorted in descending order. The table has a 'Total' column and a filter icon. The source is cited as U.S. Census Bureau, 2010 Census.

	Total:
Kansas City city, Missouri	221,860
St. Louis city, Missouri	176,002
Springfield city, Missouri	77,620
Independence city, Missouri	53,834
Columbia city, Missouri	46,758
Lee's Summit city, Missouri	36,679
St. Joseph city, Missouri	33,189
O'Fallon city, Missouri	29,376
St. Charles city, Missouri	28,590

Bookmark / Save Query

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

NOTE: For information on confidentiality protection, nonsampling error, and definitions, see <http://www>

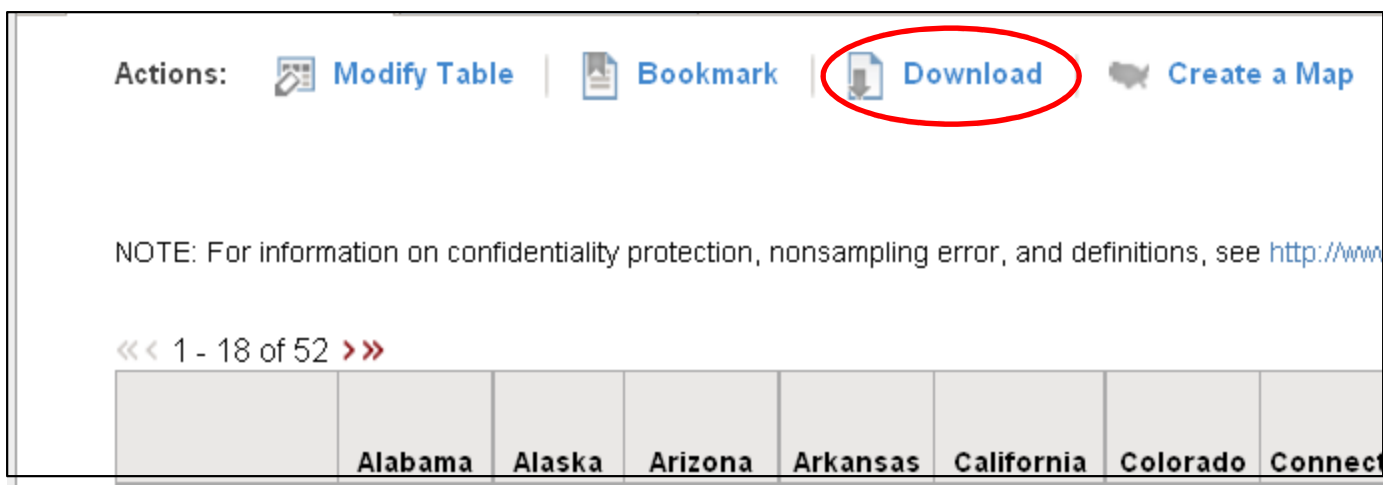
<< 1 - 18 of 52 >>





	Alabama	Alaska	Arizona	Arkansas	California	Colorado	Connect
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Select “Bookmark” from the Table Actions menu

- Depending on the size of the table, you will either be able to save it as a bookmark or a query, or have both options.
- Saved Queries can be e-mailed to data users
 - Use the “Load Query” option on the Main page to load the .aff file. The Saved Query (table) will display.
- **Tip:** Modified tables will only have the “Save Query” option.

Download



Actions:  [Modify Table](#) |  [Bookmark](#) |  [Download](#) |  [Create a Map](#)

NOTE: For information on confidentiality protection, nonsampling error, and definitions, see <http://www>

<< 1 - 18 of 52 >>

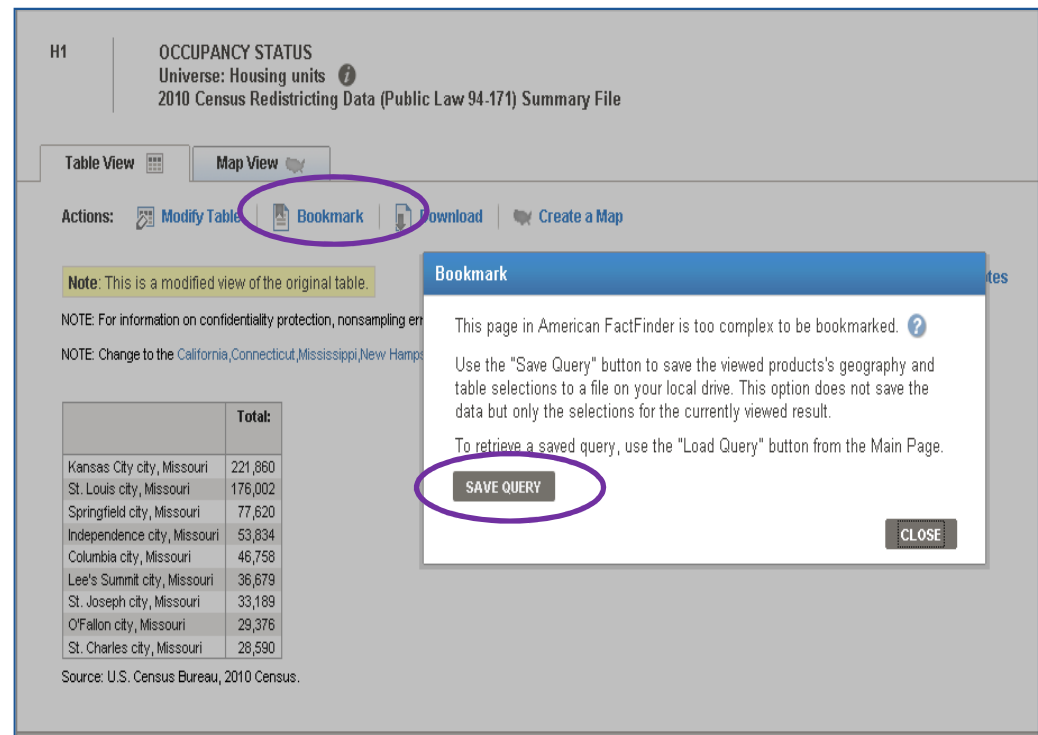
	Alabama	Alaska	Arizona	Arkansas	California	Colorado	Connect
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- From the table view, you can only download one table at a time in the following formats
 - **Database Compatible Download (.csv)**
 - **Presentation Ready Excel (.xls)**
 - **Presentation Ready PDF (.pdf)**
 - **Presentation Ready Rich Text Format (RTF)** – available in release 2

Tip : For “Presentation Ready” formats, the table must have < 230 columns & 5,000 rows

Example: Bookmark / Download

- **Bookmark the modified H1 Table:**
 - **Select “Bookmark”, then “Save Query”**
 - Follow the prompts
 - A .aff file is saved to your PC
 - E-mail the .aff file to data users
 - They can save the .aff file to their PC
 - Follow the “Load Query” option prompts from the Main page to load the .aff file and to view the Saved Query (table)



The screenshot shows the American FactFinder interface for the 'OCCUPANCY STATUS' table. The 'Bookmark' button in the 'Actions' menu is circled in purple. A 'Bookmark' dialog box is open, displaying instructions and a 'SAVE QUERY' button, which is also circled in purple. The dialog box text reads: 'This page in American FactFinder is too complex to be bookmarked. Use the "Save Query" button to save the viewed products'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.' The 'SAVE QUERY' button is highlighted with a purple circle.

Table Data:


	Total
Kansas City city, Missouri	221,860
St. Louis city, Missouri	176,002
Springfield city, Missouri	77,620
Independence city, Missouri	53,834
Columbia city, Missouri	46,758
Lee's Summit city, Missouri	36,679
St. Joseph city, Missouri	33,189
O'Fallon city, Missouri	29,376
St. Charles city, Missouri	28,590

Source: U.S. Census Bureau, 2010 Census.

Create a Map

- To create a map, more than 2 “**like geographies**” must be visible in the table
 - “**like geographies**” are 2 or more geographies with the same summary level (i.e. 2 states, 2 places, 2 census tracts)
- Most Quick Tables (QT), Demographic Profiles (DP), and Geographic Comparison Tables (GCT) cannot be mapped
- Click “**Create a Map**,” then select a data point from the table. AFF will create a Thematic Map comparing data for that entire row. Only one data cell can be mapped at a time.

Actions:  Modify Table |  Bookmark |  Download |  Create a Map

To select a data item for your Thematic Map, move the mouse cursor over the table and click a cell.  Click **Cancel** to return to the Table View with no Map View selected.

NOTE: For information on confidentiality protection, nonsampling error, and definitions, see <http://www.census.gov/prod/cen20>

	District of Columbia	Maryland	Virginia
Total	601,723	5,773,552	8,001,024

Source: U.S. Census Bureau, 2010 Census

Questions & Answers

