

# American FactFinder2

## Urban Areas Population by County Self Tutorial

(March 1, 2013)

Urban areas are defined by the Census Bureau at the block level, and do not respect political boundaries such as county or place (city) boundaries. Residential population density is one of the main criteria used to define urban areas (<http://www.census.gov/geo/reference/urban-rural-2010.html>). Your agency may want to know the proportion of “urban” population for each county in your region. FHWA and AASHTO developed this cheatsheet using Washington, DC – VA – MD Urban Area as an example to assist transportation planners use the Census Bureau’s American Factfinder. If you have any questions, please contact Dr. Liang Long by e-mail at [liang.long@dot.gov](mailto:liang.long@dot.gov).

### Example 1: I want to get Total Population for Washington, DC – VA – MD Urban Area by County

Census 2010 Summary File 1 Table P1 is the total population table.

1. Open American Factfinder web page.  
(<http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml>)



2. Select "Advanced Search" option. Then click on "Show me all". This will take you to main Advanced Search window.

The screenshot shows the American FactFinder website interface. At the top, there is a header with the United States Census Bureau logo and the 'AMERICAN FactFinder' title. A navigation bar below the header contains links for 'MAIN', 'COMMUNITY FACTS', 'GUIDED SEARCH', 'ADVANCED SEARCH', and 'DOWNLOAD OPTIONS'. The 'ADVANCED SEARCH' link is highlighted. To the right of the navigation bar are links for 'Feedback', 'FAQs', 'Glossary', and 'Help'. Below the navigation bar is a yellow banner with an information icon and the text: 'Good News! We've released the new American FactFinder. If you're having any issues viewing the new site, [click here](#) for more information.'

On the left side of the main content area, there is a vertical menu with four options: 'Community Facts', 'Guided Search', 'Advanced Search', and 'Download Options'. The 'Advanced Search' option is highlighted with a red box, and a 'SHOW ME ALL' button is also highlighted with a red box. To the right of this menu is a large image of a person interacting with a futuristic interface featuring a globe, a bar chart, and a donut chart.

At the bottom of the page, there is a 'News and Notes' section with a 'GET EMAIL UPDATES' button. A news item is displayed with a date of 'Jan 29, 2013' and the text: 'The Demographic Profile for American Samoa is available...'. Below the news item is a small image of a document and a set of navigation arrows.

3. Open **Topics** in left navigation bar by clicking right facing arrow head.

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

**Your Selections**  
"Your Selections" is empty

**To search for tables and other files in American FactFinder:**

1 Enter search terms and an optional geography and click GO

topic or table name state, county or place (optional) GO ?  
topics race/ancestry industries occupations

-- or --

Select from **Topics, Race and Ethnic Groups, Industry Codes, EEO Occupation Codes.**

- these are added to 'Your Selections'
- the Search Results are updated

2 Next, select **Geographies** (states, counties, cities, towns, etc.)

- these are added to 'Your Selections'
- the Search Results are updated

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

**Search using the options below:**

- Topics** (age, income, year, dataset, ...) ▶
- Geographies** (states, counties, places, ...) ▶
- Race and Ethnic Groups** (race, ancestry, tribe) ▶
- Industry Codes** (NAICS industry, ...) ▶
- EEO Occupation Codes** (executives, analysts, ...) ▶

4. Expand **Dataset** by clicking on the "+" sign. Select 2010 SF1 100% Data by clicking on it.

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

**Your Selections**  
"Your Selections" is empty

**To search for tables and other files in American FactFinder:**

Enter search terms and an optional geography and click GO

**Select Topics** [CLOSE X]

**Select Topics to add to 'Your Selections'** ?

- + Business and Industry
- + Year
- + Product Type
- + Program
- Dataset

- 2012 Population Estimates (3)
- 2011 ACS 5-year estimates (2,145)
- 2011 ACS 3-year estimates (2,748)
- 2011 ACS 1-year estimates (2,841)
- 2011 American Housing Survey (56)
- 2011 Annual Survey of Manufactures (8)
- 2011 Population Estimates (19)
- 2010 ACS 5-year Selected Population Tables (680)
- 2010 ACS 5-year American Indian and Alaska Native Tables (275)
- 2010 ACS 5-year estimates (2,305)
- 2010 ACS 3-year estimates (2,966)
- 2010 ACS 1-year estimates (3,073)
- EEO Tabulation 2006-2010 (5-year ACS data) (113)
- 2010 SF1 100% Data (771)
- 2010 SF2 100% Data (274)

Include archived products in your search ?

Industry Codes, EEO Occupation Codes.

towns, etc.)

5. Open **Geographies** in left navigation bar and select all geographic types.

The screenshot shows the 'Select Geographies' dialog box. On the left, the 'Geographies' menu item is highlighted with a red box. In the dialog, the 'all geographic types' radio button is selected and highlighted with a red box. The dialog also shows a search field and a 'GO' button.

6. From “Select a geographic type” drop down menu, first find “Urban Area”, then select County (or part) – 430.

The screenshot shows the 'Select Geographies' dialog box with the dropdown menu open. The 'Urban Area - 400' item is highlighted with a red box. Below it, the 'County (or part) - 430' item is highlighted with a red box. The dialog also shows a search field and a 'GO' button.

7. Then select Washington, DC--VA--MD from the “Select a urban area” drop down menu. Then select District of Columbia from “Select a state (or part)” drop down menu. Then select all areas in “Select one or more geographic areas” menu and click **Add to your selections**.

**Your Selections**

**Search using...**  
Dataset:  
2010 SF1 100% Data

[clear all selections and start a new search](#)

**Search using the options below:**

**Topics**  
(age, income, year, dataset, ...)

**Geographies**  
(states, counties, places, ...)

**Race and Ethnic Groups**  
(race, ancestry, tribe)

**Industry Codes**  
(NAICS industry, ...)

**EEO Occupation Codes**  
(executives, analysts, ...)

**Recommendations (4)**

New information on same-sex couples from the 2010 Census will be released, including the number of married couples and a set of preferred estimates of same-sex spouses and unmarried partners at the national and state levels. These estimates were developed to account for data capture errors that make holds. Estimates from the 2010 with a brief analyzing the ACS.

**Select Geographies**

**List** **Name** **Address** **Map**

Select geographies to add to Your Selections

Select from:  most requested geographic types  all geographic types

Select a geographic type: search within this list:

..... County (or part) - 430

Select a version: 2010

Select a urban area: Washington, DC--VA--MD

Select a state (or part): District of Columbia

Select one or more geographic areas and click **Add to Your Selections**:  
District of Columbia; District of Columbia; Washington, DC--VA--MD Urbanized Area (2010)

**ADD TO YOUR SELECTIONS**

8. Then select Maryland from “Select a state (or part)” drop down menu. Then select all areas in “Select one or more geographic areas” menu and click **Add to your selections**.

The screenshot shows a web application interface with two main panels: "Your Selections" on the left and "Recommendations (4)" on the right. The "Your Selections" panel includes a search bar with the dataset "2010 SF1 100% Data" and a "Search using the options below:" section with categories like Topics, Geographies, Race and Ethnic Groups, Industry Codes, and EEO Occupation Codes. The "Recommendations" panel features a "Select Geographies" section with a table of tabs (List, Name, Address, Map) and a list of geographic areas to add to selections. The "List" tab is active, showing a list of geographic areas with a search filter "County (or part) - 430". The "Select a state (or part)" dropdown is set to "Maryland". The "Select one or more geographic areas and click Add to Your Selections:" dropdown is open, showing a list of areas including "Anne Arundel County (part); Maryland (part); Washington, DC--VA--MD Urbanized Area (2010)". The "ADD TO YOUR SELECTIONS" button is highlighted with a red box.

**Your Selections**

**Search using...**  
Dataset:  
2010 SF1 100% Data ✕  
[clear all selections and start a new search](#)

**Search using the options below:**

**Topics**  
(age, income, year, dataset, ...)

**Geographies**  
(states, counties, places, ...)

**Race and Ethnic Groups**  
(race, ancestry, tribe)

**Industry Codes**  
(NAICS industry, ...)

**EEO Occupation Codes**  
(executives, analysts, ...)

**Recommendations (4)**

**Select Geographies**

**List** | **Name** | **Address** | **Map**

**Select geographies to add to Your Selections** ?

Select from:  most requested geographic types  all geographic types

Select a geographic type: search within this list:   
..... County (or part) - 430

Select a version: 2010

Select a urban area: Washington, DC--VA--MD

Select a state (or part): Maryland

Select one or more geographic areas and click **Add to Your Selections**:

- Anne Arundel County (part); Maryland (part); Washington, DC--VA--MD Urbanized Area (2010)
- Carroll County (part); Maryland (part); Washington, DC--VA--MD Urbanized Area (2010)
- Frederick County (part); Maryland (part); Washington, DC--VA--MD Urbanized Area (2010)
- Montgomery County (part); Maryland (part); Washington, DC--VA--MD Urbanized Area (2010)
- Prince George's County (part); Maryland (part); Washington, DC--VA--MD Urbanized Area (2010)

**ADD TO YOUR SELECTIONS**

**Note** – Anne Arundel County (Part) and other imply that only a part of the county is classified as to be within Washington, DC – VA – MD Urban Area. Same holds true for all other areas too if identifier (Part) present after the county name.

9. Then select Virginia from “Select a state (or part)” drop down menu. Then select all areas in “Select one or more geographic areas” menu and click **Add to your selections**.

**Your Selections**

**Search using...**  
 Dataset:  
 2010 SF1 100% Data +  
 County within State within Urban Area  
 12 selected +  
 clear all selections and start a new search

**Search using the options below:**

**Topics**  
 (age, income, year, dataset, ...)

**Geographies**  
 (states, counties, places, ...)

**Race and Ethnic Groups**  
 (race, ancestry, tribe)

**Industry Codes**  
 (NAICS industry, ...)

**EEO Occupation Codes**  
 (executives, analysts, ...)

**Recommendations (4)**

**Select Geographies**

List	Name	Address	Map
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Select geographies to add to Your Selections ?

Select from:  most requested geographic types  all geographic types

Select a geographic type: search within this list:  GO  
 ..... County (or part) - 430

Select a version: 2010

Select a urban area: Washington, DC--VA--MD

Select a state (or part): **Virginia**

Select one or more geographic areas and click **Add to Your Selections**:

- Fairfax County (part); Virginia (part); Washington, DC--VA--MD Urbanized Area (2010)
- Fauquier County (part); Virginia (part); Washington, DC--VA--MD Urbanized Area (2010)
- Loudoun County (part); Virginia (part); Washington, DC--VA--MD Urbanized Area (2010)
- Prince William County (part); Virginia (part); Washington, DC--VA--MD Urbanized Area (2010)
- Stafford County (part); Virginia (part); Washington, DC--VA--MD Urbanized Area (2010)
- Alexandria city; Virginia (part); Washington, DC--VA--MD Urbanized Area (2010)
- Fairfax city; Virginia (part); Washington, DC--VA--MD Urbanized Area (2010)
- Falls Church city; Virginia (part); Washington, DC--VA--MD Urbanized Area (2010)
- Manassas city (part); Virginia (part); Washington, DC--VA--MD Urbanized Area (2010)
- Manassas Park city; Virginia (part); Washington, DC--VA--MD Urbanized Area (2010)

**ADD TO YOUR SELECTIONS**

**Note** – Fairfax County (Part) and other imply that only a part of the county is classified as to be within Washington, DC – VA – MD Urban Area. Same holds true for all other areas too if identifier (Part) present after the county name.

10. The results generated as per the search criteria are displayed. Select P1 or go to page 3, (OR, type in P1 in the search within results box and select go) and click View to view the table.

**Your Selections** Search Results: 51-75 of 324 tables and other products match 'Your Selections'

Search using...  
 Dataset: 2010 SF1 100% Data  
 County within State within Urban Area  
 17 selected  
 clear all selections and start a new search

Search using the options below:  
 Topics (age, income, year, dataset, ...)  
 Geographies (states, counties, places, ...)  
 Race and Ethnic Groups (race, ancestry, tribe)  
 Industry Codes (NAICS industry, ...)  
 EEO Occupation Codes (executives, analysts, ...)

1 Selected: View Download Compare Clear All

1 2 3 5

ID	Table, File or Document Title	Dataset	About
<input type="checkbox"/>	H22 ALLOCATION OF TENURE	2010 SF1 100% Data	<a href="#">i</a>
<input type="checkbox"/>	H3 OCCUPANCY STATUS	2010 SF1 100% Data	<a href="#">i</a>
<input type="checkbox"/>	H4 TENURE	2010 SF1 100% Data	<a href="#">i</a>
<input type="checkbox"/>	H5 VACANCY STATUS	2010 SF1 100% Data	<a href="#">i</a>
<input type="checkbox"/>	H6 RACE OF HOUSEHOLDER	2010 SF1 100% Data	<a href="#">i</a>
<input type="checkbox"/>	H7 HISPANIC OR LATINO ORIGIN OF HOUSEHOLDER BY RACE OF HOUSEHOLDER	2010 SF1 100% Data	<a href="#">i</a>
<input type="checkbox"/>	H8 TOTAL RACES TALLIED FOR HOUSEHOLDERS	2010 SF1 100% Data	<a href="#">i</a>
<input type="checkbox"/>	H9 HISPANIC OR LATINO ORIGIN OF HOUSEHOLDERS BY TOTAL RACES TALLIED	2010 SF1 100% Data	<a href="#">i</a>
<input type="checkbox"/>	HCT1 TENURE BY HISPANIC OR LATINO ORIGIN OF HOUSEHOLDER BY RACE OF HOUSEHOLDER	2010 SF1 100% Data	<a href="#">i</a>
<input type="checkbox"/>	HCT2 TENURE BY PRESENCE AND AGE OF OWN CHILDREN	2010 SF1 100% Data	<a href="#">i</a>
<input type="checkbox"/>	HCT3 TENURE BY PRESENCE AND AGE OF RELATED CHILDREN	2010 SF1 100% Data	<a href="#">i</a>
<input type="checkbox"/>	HCT4 TENURE BY PRESENCE AND AGE OF PEOPLE UNDER 18 YEARS BY HOUSEHOLD TYPE (EXCLUDING HOUSEHOLDERS, SPOUSES, AND UNMARRIED PARTNERS)	2010 SF1 100% Data	<a href="#">i</a>
<input checked="" type="checkbox"/>	P1 TOTAL POPULATION	2010 SF1 100% Data	<a href="#">i</a>
<input type="checkbox"/>	P10 RACE FOR THE POPULATION 18 YEARS AND OVER	2010 SF1 100% Data	<a href="#">i</a>
<input type="checkbox"/>	P11 HISPANIC OR LATINO, AND NOT HISPANIC OR LATINO BY RACE FOR THE POPULATION 18 YEARS AND OVER	2010 SF1 100% Data	<a href="#">i</a>
<input type="checkbox"/>	P12 SEX BY AGE	2010 SF1 100% Data	<a href="#">i</a>

11. To make modifications, click on Modify Table option on the screen. Modifications like transposing rows/columns and omitting fields can be performed to attain the desired results.

P1 | TOTAL POPULATION  
Universe: Total population  
2010 Census Summary File 1

Table View [grid icon] [BACK TO A]

Actions: [hide icon] Hide Table Tools | [bookmark icon] Bookmark | [print icon] Print | [download icon] Download | [map icon] Create a Map

**Table Tools:** [reset icon] Reset Table | [show hidden icon] Show Hidden Rows/Columns | [transpose icon] Transpose Rows/Columns [help icon]

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

**Legend:**  show/hide rows and columns | [- +] collapse/expand data categories | [left right] rearrange columns | [up down] rearrange rows | [up down] sort ascending/descending | [filter icon] filter rows

**Note:** This is a modified view of the original table.

[View Geography Notes](#)

Not all rows may be displayed below.  
Click Back to Search to select other geographies using the search options on the left.

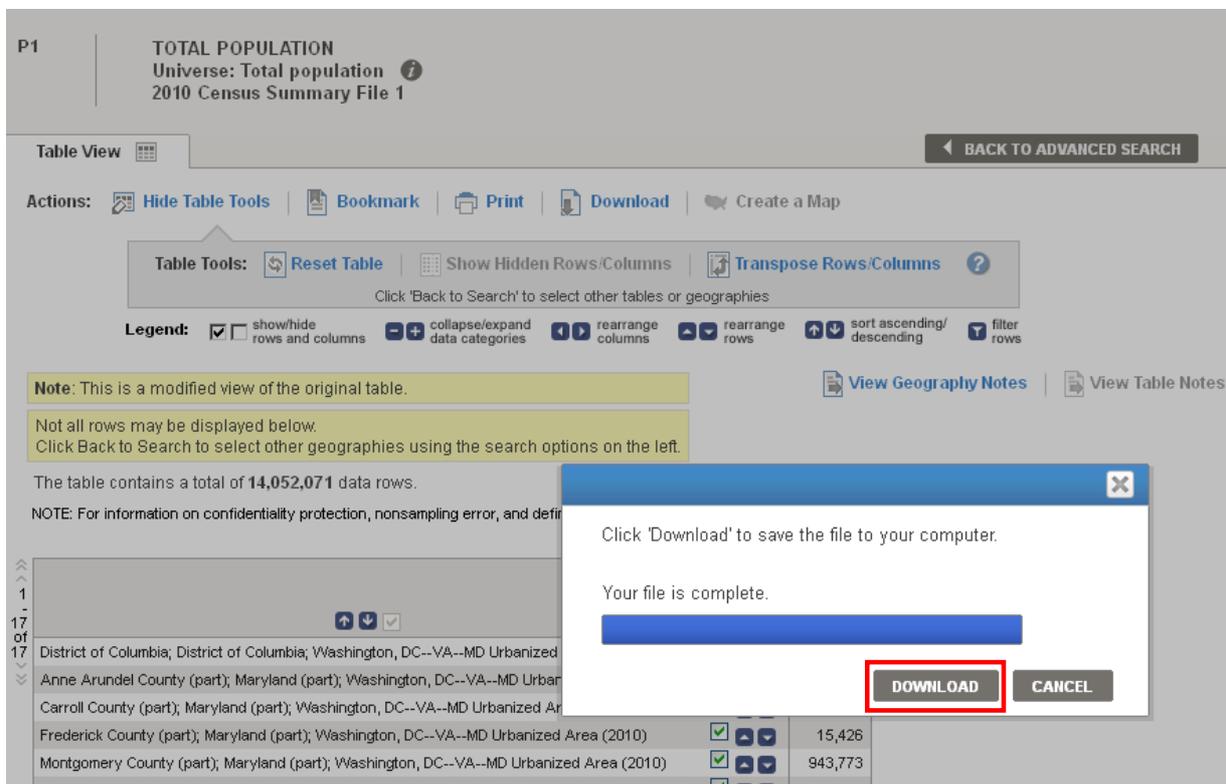
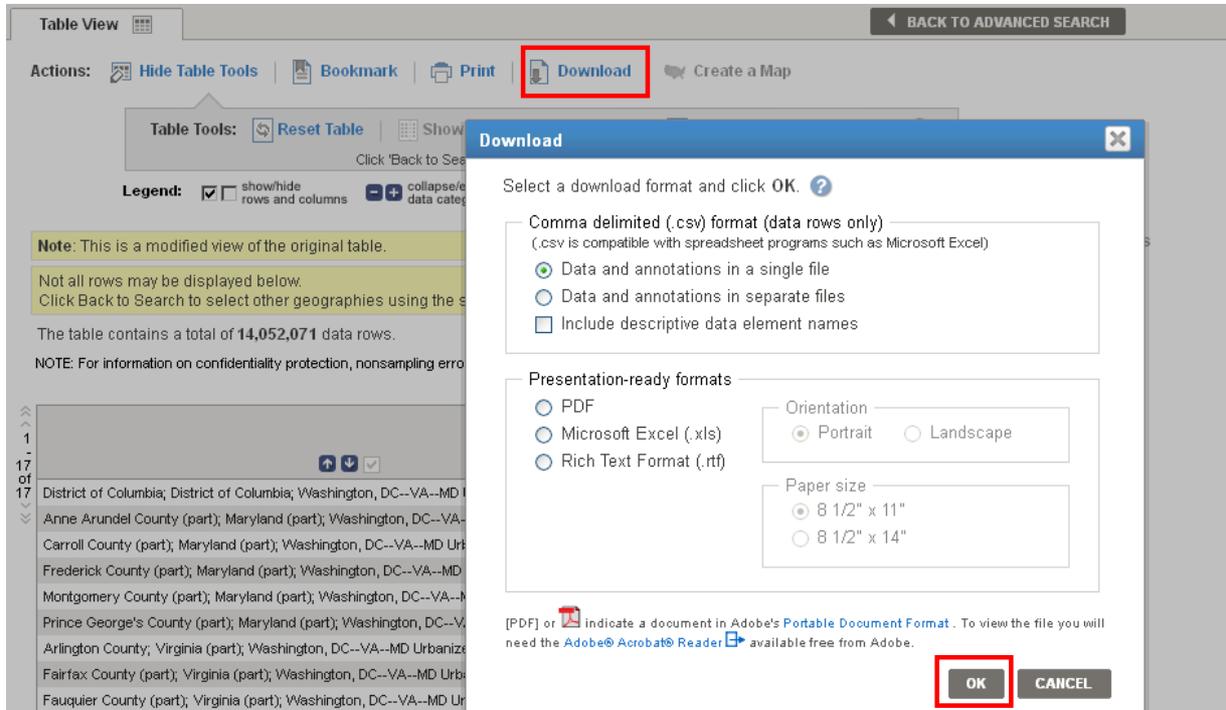
The table contains a total of **14,052,071** data rows.

NOTE: For information on confidentiality protection, nonsampling error, and definitions, see <http://www.census.gov/prod/cen2010/doc/sf1.pdf>.

		Total
	[up down] [checkbox]	[up down] [checkbox]
District of Columbia; District of Columbia; Washington, DC--VA--MD Urbanized Area (2010)	[checkbox] [down]	601,723
Anne Arundel County (part); Maryland (part); Washington, DC--VA--MD Urbanized Area (2010)	[checkbox] [up] [down]	1,550
Carroll County (part); Maryland (part); Washington, DC--VA--MD Urbanized Area (2010)	[checkbox] [up] [down]	7,068
Frederick County (part); Maryland (part); Washington, DC--VA--MD Urbanized Area (2010)	[checkbox] [up] [down]	15,426
Montgomery County (part); Maryland (part); Washington, DC--VA--MD Urbanized Area (2010)	[checkbox] [up] [down]	943,773
Prince George's County (part); Maryland (part); Washington, DC--VA--MD Urbanized Area (2010)	[checkbox] [up] [down]	781,346
Arlington County; Virginia (part); Washington, DC--VA--MD Urbanized Area (2010)	[checkbox] [up] [down]	207,627
Fairfax County (part); Virginia (part); Washington, DC--VA--MD Urbanized Area (2010)	[checkbox] [up] [down]	1,066,647
Fauquier County (part); Virginia (part); Washington, DC--VA--MD Urbanized Area (2010)	[checkbox] [up] [down]	21,089
Loudoun County (part); Virginia (part); Washington, DC--VA--MD Urbanized Area (2010)	[checkbox] [up] [down]	259,231
Prince William County (part); Virginia (part); Washington, DC--VA--MD Urbanized Area (2010)	[checkbox] [up] [down]	385,254
Stafford County (part); Virginia (part); Washington, DC--VA--MD Urbanized Area (2010)	[checkbox] [up] [down]	69,079
Alexandria city; Virginia (part); Washington, DC--VA--MD Urbanized Area (2010)	[checkbox] [up] [down]	139,966
Fairfax city; Virginia (part); Washington, DC--VA--MD Urbanized Area (2010)	[checkbox] [up] [down]	22,565
Falls Church city; Virginia (part); Washington, DC--VA--MD Urbanized Area (2010)	[checkbox] [up] [down]	12,332
Manassas city (part); Virginia (part); Washington, DC--VA--MD Urbanized Area (2010)	[checkbox] [up] [down]	37,821
Manassas Park city; Virginia (part); Washington, DC--VA--MD Urbanized Area (2010)	[checkbox] [up]	14,273

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

12. Once all the modifications are complete, select option for Download. You can choose a comma-delimited .csv; .xls, or .pdf. American FactFinder2 will build your table and then click **Download**. Save the file to your computer.



P1

**TOTAL POPULATION**  
Universe: Total population   
2010 Census Summary File 1

Table View 

[← BACK TO ADVANCED SEARCH](#)

Actions:  Hide Table Tools |  Bookmark |  Print |  Download |  Create a Map

Table Tools:  Reset Table |  Show Hidden Rows/Columns |  Transpose Rows/Columns 

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

Legend:  show/hide rows and columns |  collapse/expand data categories |  rearrange columns |  rearrange rows |  sort ascending/descending |  filter rows

**Note:** This is a modified view of the original table.

Not all rows may be displayed below.  
Click Back to Search to select other geographies using the search options on the left.

The table contains a total of **14,052,071** data rows.

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

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District of Columbia; District of Columbia; Washington, DC--VA--MD Urbanized Area (2010)			
Anne Arundel County (part); Maryland (part); Washington, DC--VA--MD Urbanized Area (2010)			
Carroll County (part); Maryland (part); Washington, DC--VA--MD Urbanized Area (2010)			
Frederick County (part); Maryland (part); Washington, DC--VA--MD Urbanized Area (2010)			
Montgomery County (part); Maryland (part); Washington, DC--VA--MD Urbanized Area (2010)	<input checked="" type="checkbox"/>	 	943,773
Prince George's County (part); Maryland (part); Washington, DC--VA--MD Urbanized Area (2010)	<input checked="" type="checkbox"/>	 	781,346
Arlington County; Virginia (part); Washington, DC--VA--MD Urbanized Area (2010)	<input checked="" type="checkbox"/>	 	207,627

**Opening DEC\_10\_SF1\_P1.zip**

You have chosen to open:

 **DEC\_10\_SF1\_P1.zip**  
which is a: zip File  
from: <http://factfinder2.census.gov>

What should Firefox do with this file?

Open with [Browse...](#)

**Save File**

Do this automatically for files like this from now on.

[OK](#) [Cancel](#)