NEW JERSEY STATE DATA CENTER



American Fact Finder 2 with Thematic Mapping

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Data Dissemination Specialist



Outline

- American FactFinder Toolkit
- Data Access Tools
 - Quick Facts Beta
 - Census Explorer
- American FactFinder Overview & Thematic mapping



- 2010 Census vs. American Community Survey
- Geography
- AFF Mapping overview

2010 Census vs. ACS

2010 Census American Community Survey



2000 Long Form SF3 & SF4

100 % Data

How many people live in the U.S.?

Point in time April 1, 2010

Count - People, Housing units, Sample Data

How do people live in the U.S.?

Period in Time 1yr, 3yr, 5yr

Characteristics Income, Poverty, Education

American Community Survey - Subjects

Demographic	Social	Economic	Housing
Age and Sex	Ancestry	Class of Worker	House Heating Fuel
Group Quarters Population	Citizenship Status	Commuting to Work/	Kitchen Facilities
Hispanic or Latino Origin	gin Disability Status Journey to Work		Occupancy/Vacancy Status
Race	Educational Attainment	Fertility Food Stamps/Supplemental Nutrition Assistance	Occupants per Room
Relationship	Fertility		Owner Monthly Costs
Total Population	Field of Degree		Plumbing Facilities
	Grandparents as Caregivers	Health Insurance Coverage	Rent Statistics
	Language	Income and Earnings	Rooms / Bedrooms
	Marital History	Industry and Occupation	Telephone Service Available
	Marital Status	Poverty	Tenure
	Place of Birth	Work Status	Units in Structure
	School Enrollment		Value of Home

Vehicles Available

Unit

Year Structure Built

Year Householder Moved Into

Residence 1 Year Ago/Migration

Veterans

Year of Entry



Hierarchy of Select Geographic Entities in the American Community Survey

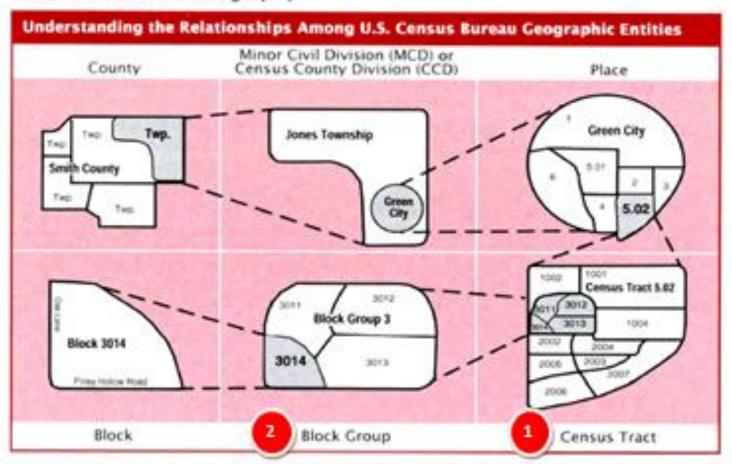


- * 5-year estimates only
- ** 5-year estimates only, first release in 2012 for the 2007-2011 5-year estimates

 This graphic does not represent the full set of entities for which the ACS publishes data.



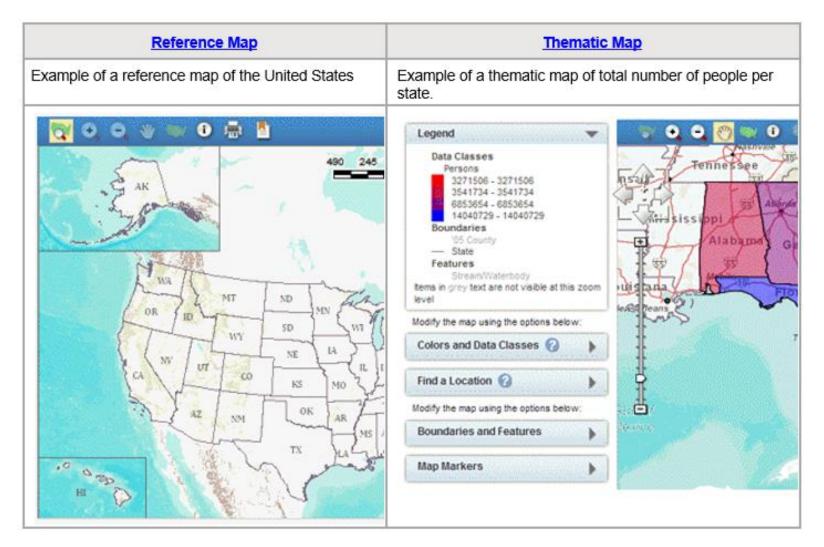
Census Small-Area Geography



- <u>Census Tracts</u> are small, relatively permanent statistical subdivisions and generally have a population of 1,500 to 8,000 (optimum 4,000).
- Block Groups are subdivisions of a census tract and generally have a population of 300 to 4,000 (optimum 1,500).



American FactFinder Mapping Overview



Actions: Bookmark Print Download Show Statistical Significance State a Different Map

Thematic Map

Thematic Map of Estimate: Median household income in the past 12 months (in 2010 inflation-adjusted dollars) Geography: by County Mem Table Notes Legend Data Classes Persons 50651 - 55275 59441 - 60976 66791 - 72664 76258 - 83089 Nev 96747 - 100980 State 10 County Features Major Road Street Stream/Waterbody School Items in grey text are not visible at this zoom Modify the map using the options below: Colors and Data Classes New Jarsev Transparency: 50% 6 Number of classes: 5 -Color range (select the first and last colors): Classing method: Natural Breaks -Natural Breaks Equal Interval Quantile User Defined Maryland

Source: U.S. Census Bureau, 2006-2010 American Community Survey



6 main parts of the map:

- 1. the Map Title;
- 2. the Legend;
- 3. the Map;
- 4. the Actions toolbar;
- 5. the Map tools;
- 6. and the Modify the map options.

Data Access Tools

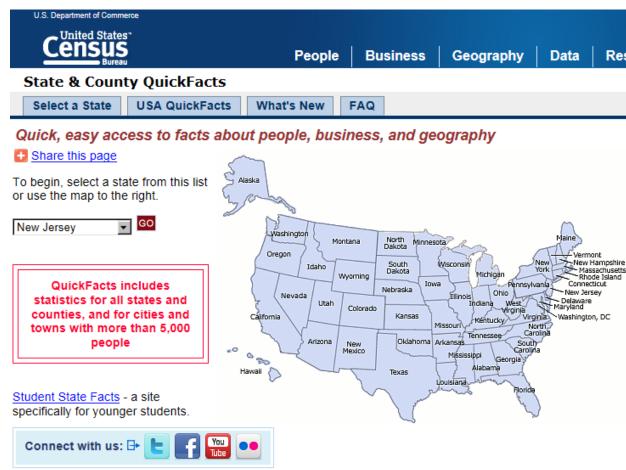
- Quick Facts
- Census Explorer
 - Young Adults: Then and Now Edition
 - Population Estimates Edition
 - Retail Edition
 - People, Education & Income
 - Commuting

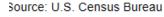
Accessing Quick Facts

Advantages:

 Attract users looking for simple access to facts













State & County QuickFacts Select a State | USA QuickFacts | What's New | FAQ

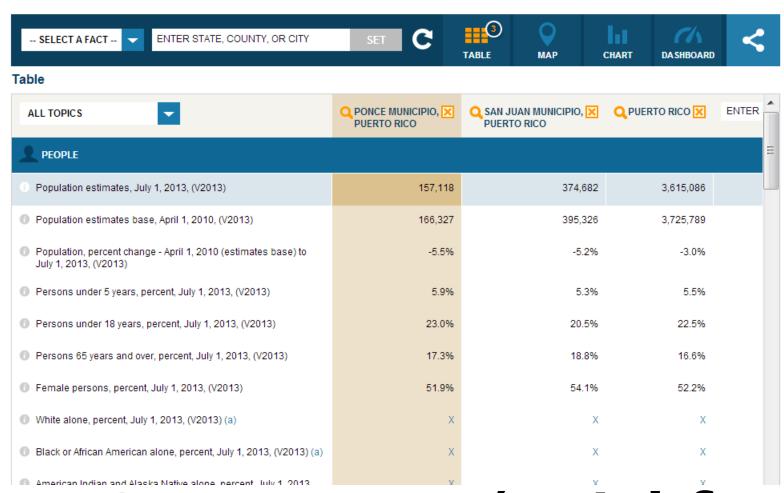
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V	ew se. " counties-	selection map	New Je	rsey cities- place	search	
-	Select a county	∨ Go	Select	t a citv	~	Go

Newark (city), New Jersey

Want more? Browse data		ata sets for Newark (city)	
	People QuickFacts	Newark	New Jersey
Ü	Population, 2012 estimate	277,727	8,864,590
0	Population, 2010 (April , estimates base	277,138	8,791,898
0	Population, person change, April 1, 2010 to July 1, 2012	0.2%	0.8%
0	Population, 2010	277,140	8,791,894
0	Pusons under 5 years, percent, 2010	7.5%	6.2%
ø	Persons under 18 years, percent, 2010	25.6%	23.5%
0	Persons 65 years and over, percent, 2010	8.6%	13.5%
0	Female persons, percent, 2010	50.5%	51.3%
U	White persons, percent, 2010 (a)	26.3%	68.6%
0	Black persons, percent, 2010 (a)	52.4%	13.7%
0	American Indian and Alaska Native persons, percent, 2010 (a)	0.6%	0.3%
0	Asian persons, percent, 2010 (a)	1.6%	8.3%
0	Native Hawaiian and Other Pacific Islander, percent, 2010 (a)	Z	0.0%
0	Persons reporting two or more races, percent, 2010	3.8%	2.7%
0	Persons of Hispanic or Latino origin, percent, 2010 (b)	33.8%	17.7%
0	White persons not Hispanic, percent, 2010	11.6%	59.3%

	Rusiness OuickFacts	Newark	New Jersey
0	Total number of firms, 2007	16,484	781,622
0	Black-owned firms, percent, 2007	35.3%	7.7%
0	American Indian- and Alaska Native-owned firms, percent, 2007	S	0.4%
0	Asian-owned firms, percent, 2007	4.6%	8.7%
0	Native Hawaiian and Other Pacific Islander-owned firms, percent, 2007	0.4%	0.1%
0	Hispanic-owned firms, percent, 2007	25.0%	8.7%
0	Women-owned firms, percent, 2007	33.4%	27.3%

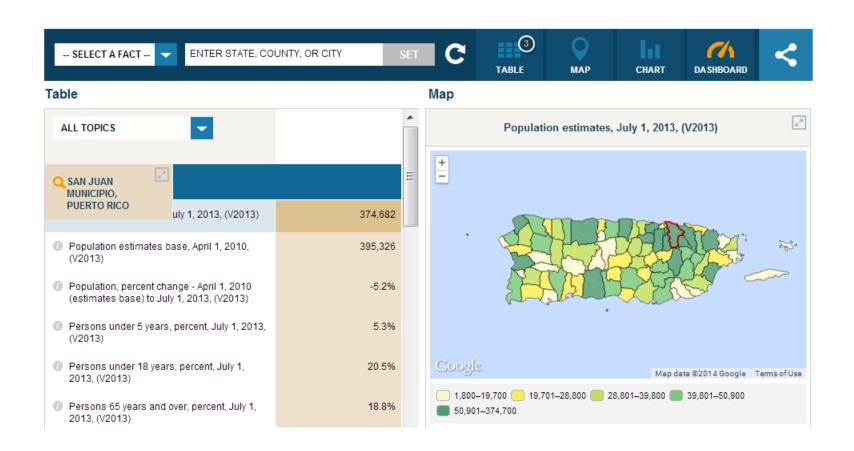
Quick Facts Beta



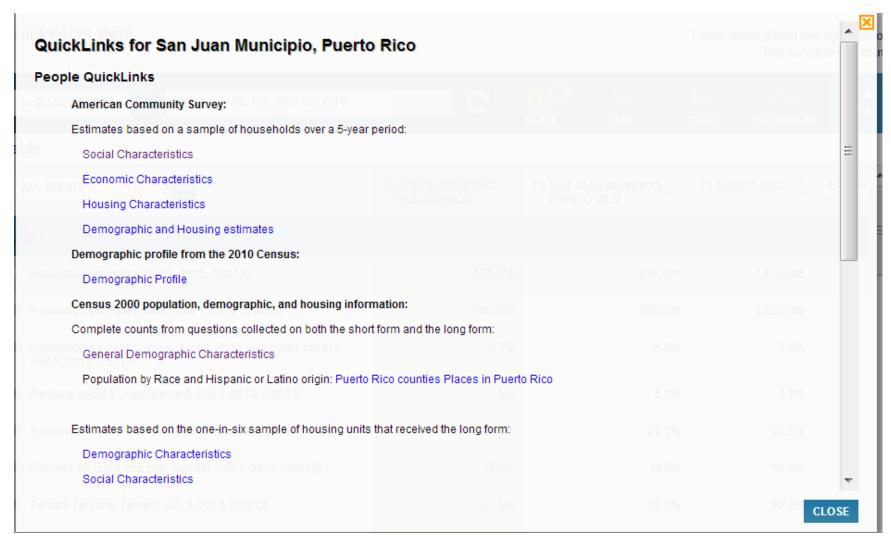




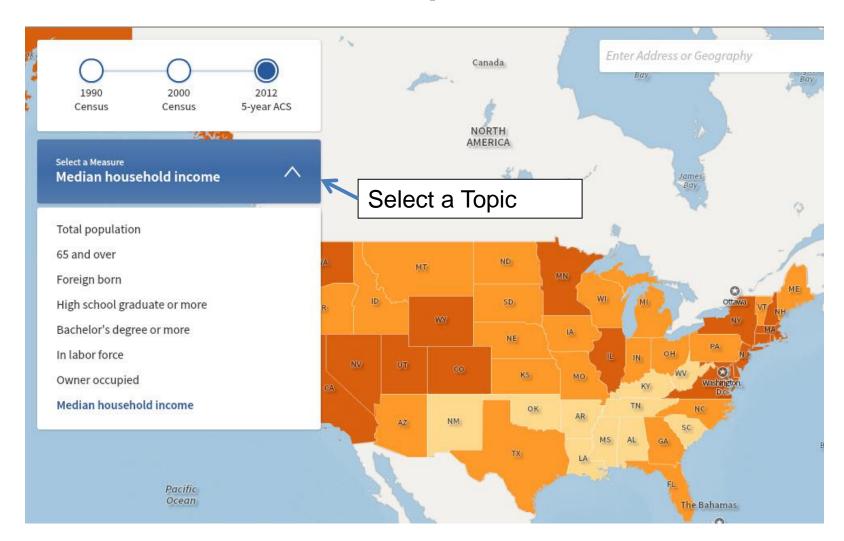
Quick Facts Beta - Dashboard

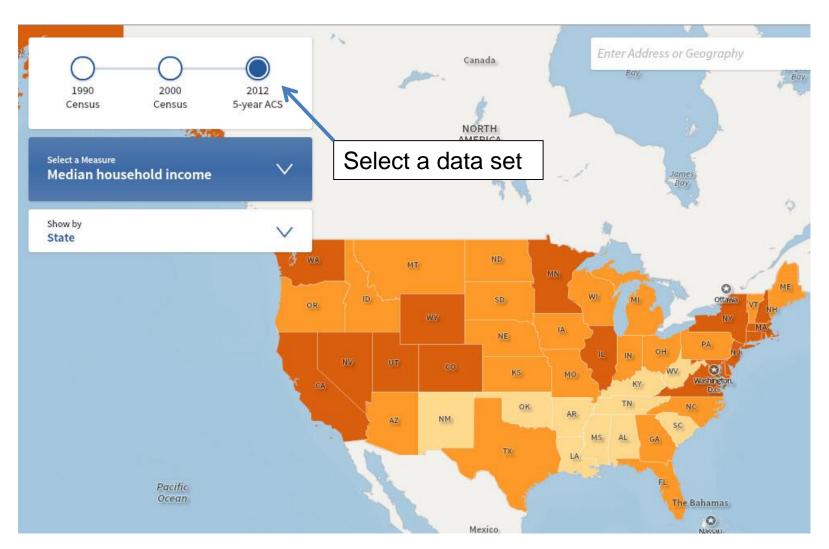


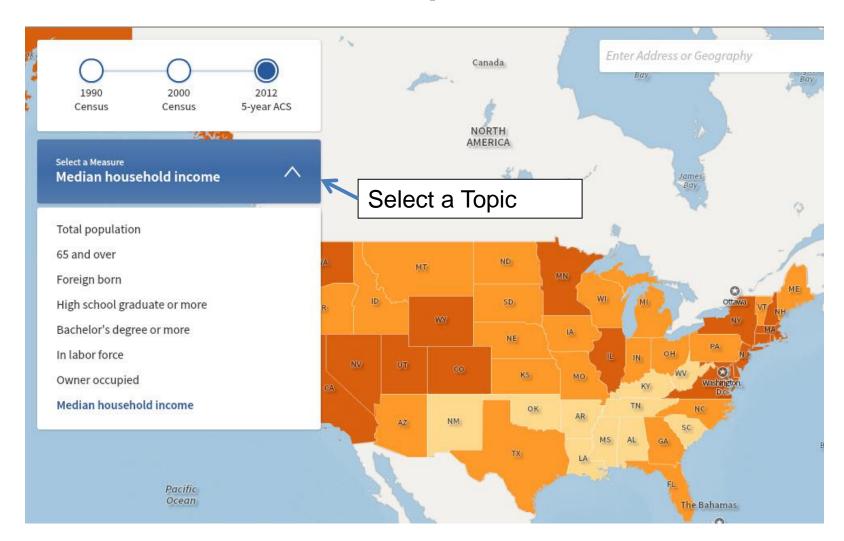
Quick Facts Beta - QuickLinks

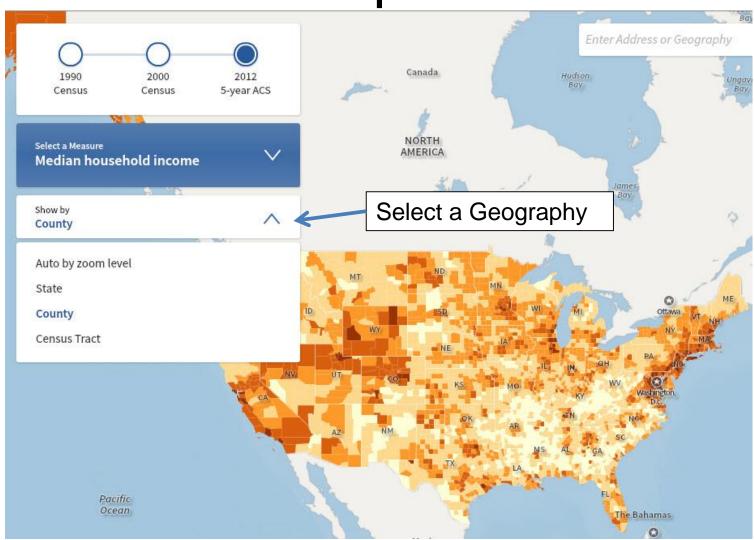












FactFinder C

Search Options, Tools and Tips



NEW census.gov



Latest News



2020 Census Field Test to Explore Innovative, Cost-Effective Methods

lune 03, 2014

Census Bureau is gearing up for the 2020 Census by conducting its first major field test beginning June 5 in Washington, D.C., and Montgomery County, Md.



2013 Characteristics of New Housing

June 02, 2014

This report provides annual statistics on the characteristics of new privately owned residential structures in the four U.S. regions.



Transit and Ground Passenger Transportation Industry on the Rise

June 02, 2014

First Industry Series Statistics Released from the 2012 Economic Census.

Stat of the Day

Information

The information sector had the highest percent increase in payroll per employee from the 2007 to the 2012 Economic Census (up 25.6%). No sectors reported a decrease in payroll per employee.

Read More

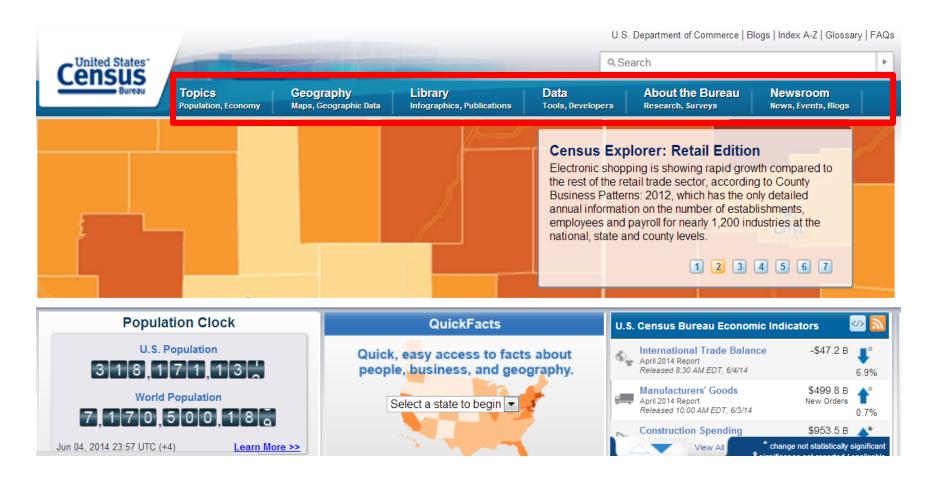


The Week Ahead

Wed	Thur	Fri	Mon	Tue
Jun 4	Jun 6	Jun 8	Jun 9	Jun 10

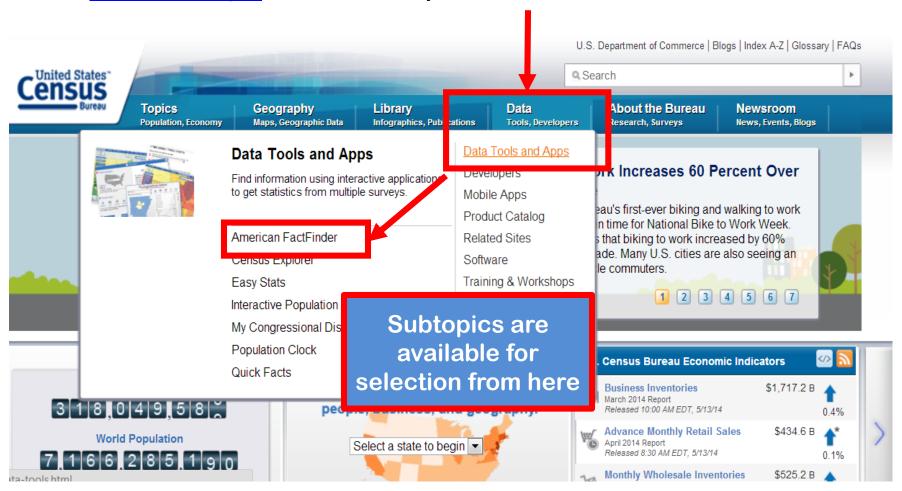


Find Your Topic of Interest



Topics / subtopics

www.census.gov Select Data Drop down box; Select American Fact Finder



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ADVANCED SEARCH

DOWNLOAD OPTIONS

English

Español

Sign up for email

updates

Good News! We've released the new American FactFinder. If you're having any issues viewing the new site, click here for more information.

Community Facts

Find popular facts (population, income, etc.) and frequently requested data about your community.

Enter a state, county, city, town, or zip code:

e.g., Atlanta, GA

- Guided Search
- Advanced Search
- Download Options

American FactFinder provides access to data about the United States, Puerto Rico and the Island Areas. The data in American FactFinder come from several censuses and surveys. For more information see Using FactFinder and What We Provide.

Using American FactFinder

Learn about American FactFinder's functions and features.

What We Provide

The following data are available on American FactFinder:

- American Community Survey more » | get data »
- American Housing Survey more » | get data »
- Annual Economic Surveys more »
- Decennial Census more » | get data »
- Economic Census more » | get data »
- Equal Employment Opportunity (EEO) Tabulation more » | get data »
- Population Estimates Program more » | get data »
- Puerto Rico Community Survey more » | get data »

more »

Deep Linking Guide

A how-to guide for Building Deep Links into American Factfinder (PDF) is available.



The Islan

Jan 29, 2013

The Demographic Profile for the Commonwealth of the I Islands is available...

view all news, release schedules, and more »

Address Search

Find Census data by entering a street address.



S GET EMAIL UPDATES

Reference Maps

Reference Maps show selected geographic boundaries for an area along with orienting features, such as roads.

United States



Load Query

Use Load Query to restore a previously saved query.



Community Facts





Subtopics / Detailed tables

COMMUNITY FACTS DOWNLOAD CENTER MAIN **GUIDED SEARCH** ADVANCED SEARCH Community Facts - Find popular facts (population, income, etc.) and frequently requested data about your community Facts - Find popular facts (population, income, etc.) and frequently requested data about your community Facts - Find popular facts (population, income, etc.) and frequently requested data about your community Facts - Find popular facts (population, income, etc.) and frequently requested data about your community Facts - Find popular facts (population, income, etc.) and frequently requested data about your community Facts - Find popular facts (population, income, etc.) and frequently requested data about your community Facts - Find popular facts (population, income, etc.) and frequently requested data about your community Facts - Find popular facts (population, income, etc.) and frequently requested data about your community Facts - Find popular facts (population, income, etc.) and frequently requested data about your community Facts - Find population - Find Facts - Find population - Find Facts - Find Fa Enter a state, county, city, town, or zip code: GO Population (2010 Census) **New Jersey** Population (Latest Estimate) Median Household Income 71,637 Source: 2008-2012 American Community Survey 5-Year Estimates Age **Business and Industry** Popular tables for this geography: Education 2012 American Community Survey Selected Economic Characteristics (Employment, Commute, Occupation, Income, Poverty, ...) Housing Income in the Past 12 Months (Households, Families, ...) • Earnings in the Past 12 Months (Sex, Educational Attainment, ...) Employment Status (Age, Race, Sex, Poverty, Disability, Education, ...) Income Occupation by Sex and Median Earnings in the Past 12 Months Census 2000 Origins and Language Selected Economic Characteristics (Employment, Commute, Occupation, Income, Health Insurance, ...) Poverty . Want more? Use Guided Search or Advanced Search, or visit Census.gov's Quick Facts.







MISSOURI KENTUCKY

MAIN

COMMUNITY FACTS

GUIDED SEARCH

ADVANCED SEARCH

DOWNLOAD OPTIONS

Guided Search - Step-by-step access to Census Information



2 Topics

3 Geographies

4 Race/Ethnic Groups

5 Search Results

6 Table Viewer



Choose from one of the following and click Next.

- I'm looking for information about people.
 (age, sex, income, poverty, education, ...)
- C I'm looking for information about housing.

 (housing units, houshold type, value of home, ...)
- I'm looking for information about businesses or industries. (annual payroll, sales and receipts, number of employees, ...)
- I'm looking for information from a specific dataset. (2006-2010 American Community Survey 5-Year Estimates, 2007 Economic Census, 2010 Census Summary File 1, ...)
- I want to search for a table number or a table title. (P1, EC0700A1, b04*, Social Characteristics, ...)

Note that the guided search searches for tables using a subset of search methods and most requested geographies. For more search options and to select from all available geographies, use the **Advanced Search**.



NEXT

CANCEL





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COMMUNITY FACTS

GUIDED SEARCH

ADVANCED SEARCH

DOWNLOAD OPTIONS

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

Your Selections 'Your Selections' is empty 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, ...)

To search for tables and other files in American FactFinder:

1 Enter search terms and an optional geography and click GO



-- 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

Express Downloads





Feedback FAQs Glossary Help

MAIN

COMMUNITY FACTS

GUIDED SEARCH

ADVANCED SEARCH

DOWNLOAD OPTIONS

Download Options - Downloading data from American FactFinder and Census.gov

Download data from American FactFinder



There are multiple ways to download data from American FactFinder.

- · Download from the search results page
- Download up to 10 tables from the search results page in a comma-delimited format (.csv). This format can be imported into Microsoft Excel, as well as other spreadsheet and database programs.
- Download when viewing a table

Download a single table from the table view in comma-delimited (.csv), PDF, Microsoft Excel (.xls), or Rich Text Format (.rtf) formats.

Download spatial data from reference maps and thematic maps
 Download shapefiles that can be imported into various geographic information systems (GIS) software packages.

See the download limits FAQ for more information about limits to the number and size of tables that can be downloaded in American FactFinder.

Other Resources

Visit the following links for additional information about downloading data from American FactFinder.

- American FactFinder Download Help
- American FactFinder Download Tutorial

See the following pages for more information about downloading data via FTP.

- · American Community Survey Downloadable data via FTP server
- . Population Estimates Downloadable Datasets
- . County Business Patterns Download .csv Files

Download data via FTP

If American FactFinder's download limits prevent you from downloading the data you need, you may be able to download the complete dataset from the Census Bureau's FTP Site. Use the links to the right for information about downloading data from various Census Bureau programs.

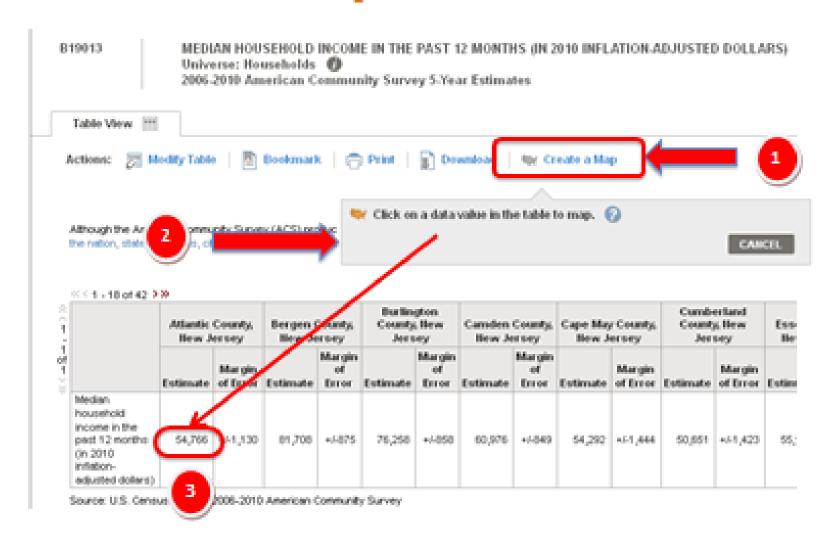
Visit the Census Bureau's FTP site for a complete list of available files.

Access data with Census APIs

To improve access to data and encourage innovation, the Census Bureau provides Application Programming Interface (API) access to selected data sets, including the 2010 Census Summary File 1 and the American Community Survey (five year data). The API allows developers to design Web and mobile apps to explore or learn more about America's changing population and economy. Visit our **Developer Site** to learn more.

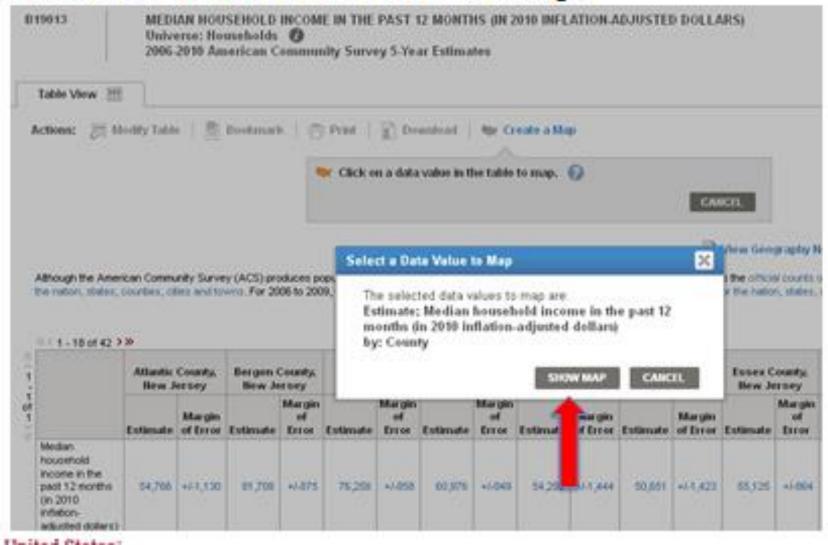
Access Block Group Data & Censuses Prior 2000

Create A Map





Select Values to Map





Actions: Bookmark Print Download Show Statistical Significance State a Different Map

Thematic Map

Thematic Map of Estimate: Median household income in the past 12 months (in 2010 inflation-adjusted dollars) Geography: by County Mem Table Notes Legend Data Classes Persons 50651 - 55275 59441 - 60976 66791 - 72664 76258 - 83089 Nev 96747 - 100980 State 10 County Features Major Road Street Stream/Waterbody School Items in grey text are not visible at this zoom Modify the map using the options below: Colors and Data Classes New Jarsev Transparency: 50% 6 Number of classes: 5 -Color range (select the first and last colors): Classing method: Natural Breaks -Natural Breaks Equal Interval Quantile User Defined Maryland

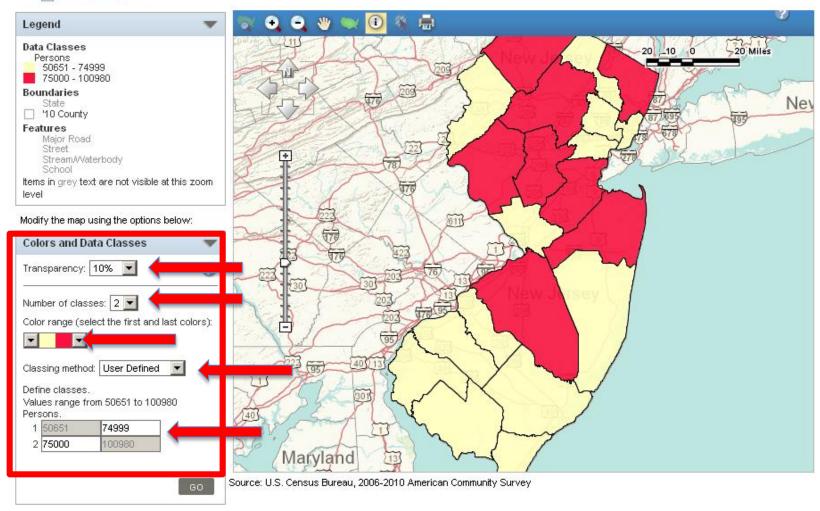
Source: U.S. Census Bureau, 2006-2010 American Community Survey



Modify Map Colors, Classes & Transparency

Thematic Map of Estimate; Median household income in the past 12 months (in 2010 inflation-adjusted dollars) Geography: by County

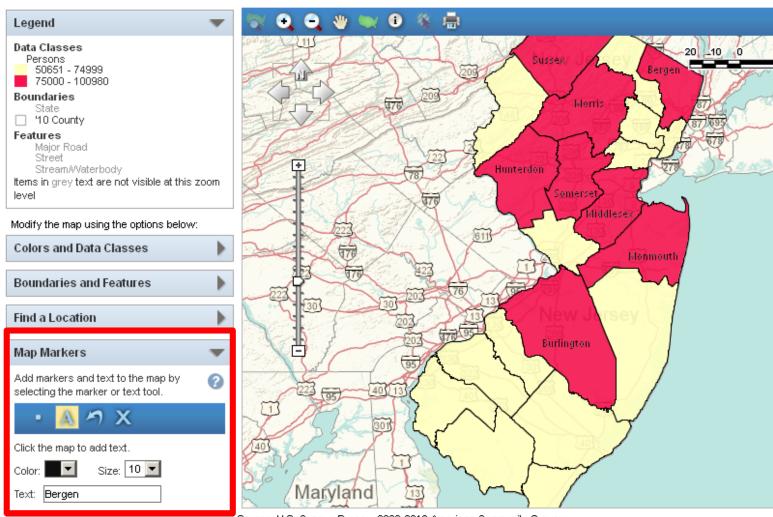




Add Text

Thematic Map of Estimate; Median household income in the past 12 months (in 2010 inflation-adjusted dollars) Geography: by County

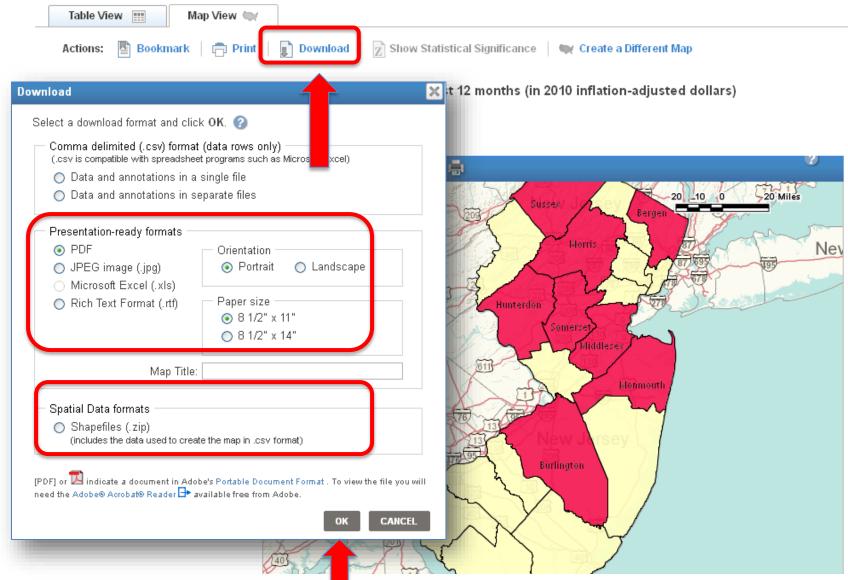






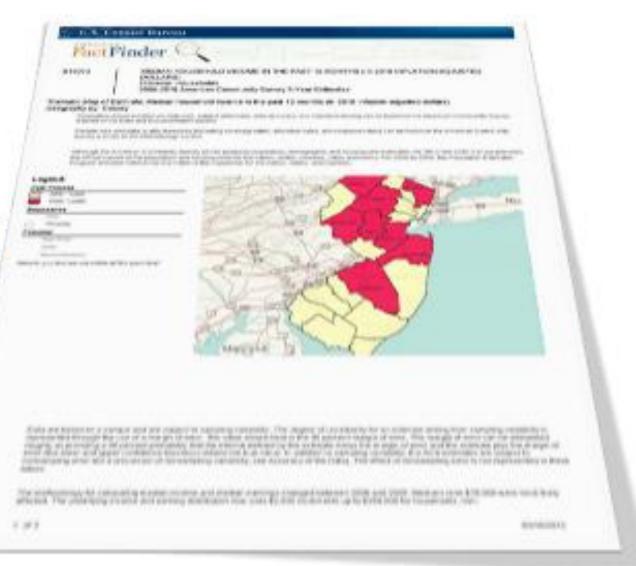
Source: U.S. Census Bureau. 2006-2010 American Community Survey

Map Download Options





PDF Download View

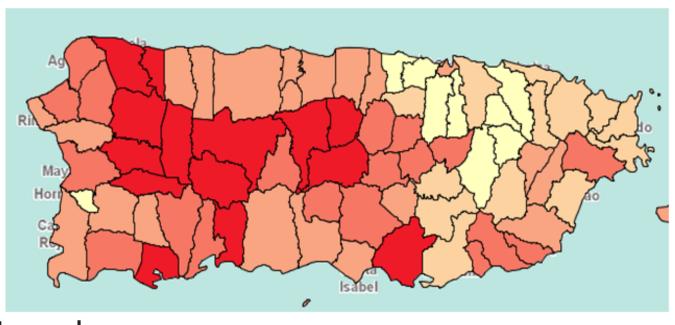




Rich Text Format

Download will open in Word

% Personas <u>Bajo Niveles</u> de <u>Pobreza</u> en los <u>Ultimos</u> 12 Meses



Leyenda









27.9 - 37.1

38.4 - 46.0

47.0 - 52.1

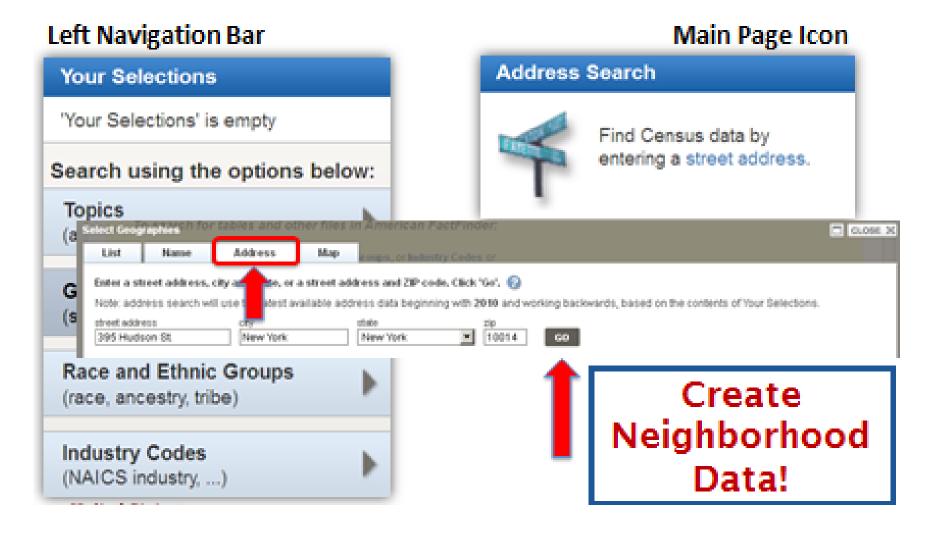
52.4 - 56.8

58.1 - 64.7

Source: U.S. Census Bureau, 2006-2010 American Community Survey

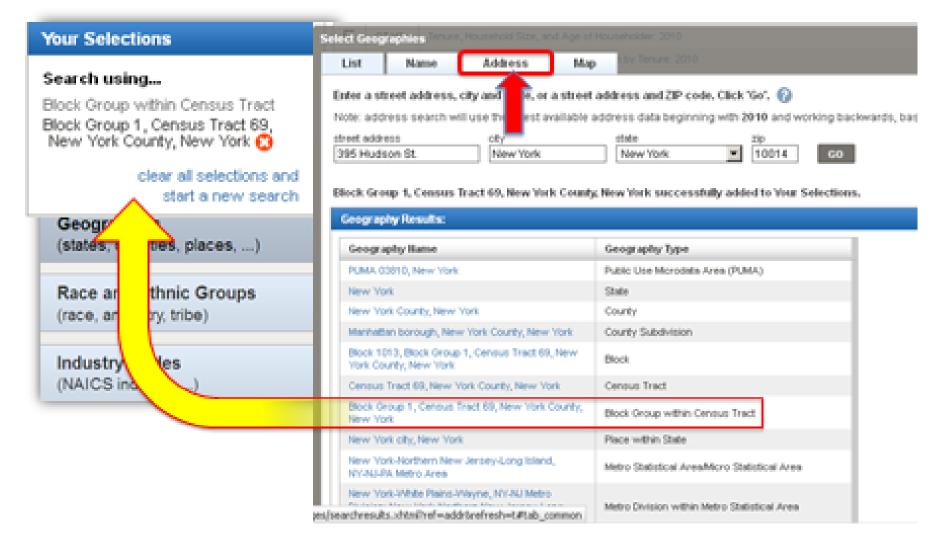


Address Search

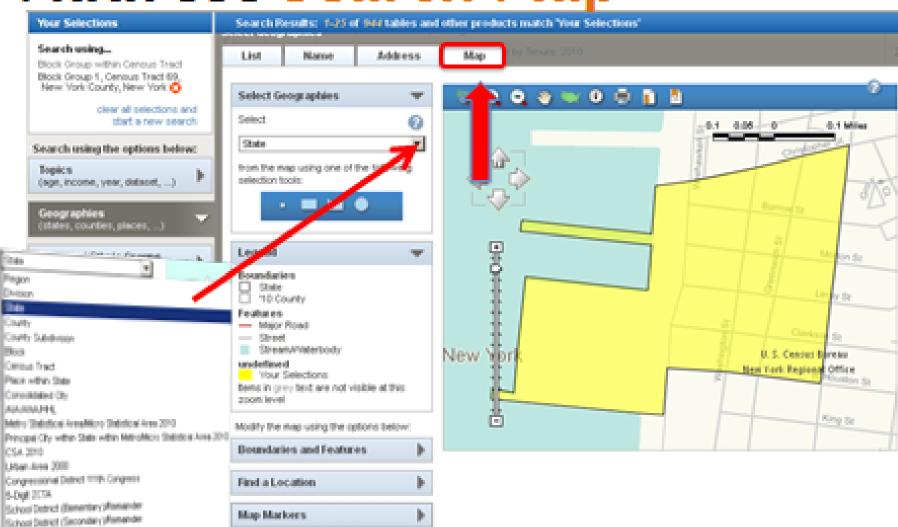




Address Search



Address Search Map



School band Cated Femilia.

Thank you!



Brunie Sánchez
Data Dissemination Specialist
brunilda.sanchez@census.gov

New York Regional Office New.york.regional.office@census.gov 212-584-3440

Please complete evaluation online at:

http://questionweb.com/59212/

Lead Census Facilitator: Brunie Sanchez

Regional Location: Select New York



