The NEW American FactFinder Census Data Search Tool http://factfinder2.census.gov



Connecticut State Data Center http://ctsdc.uconn.edu ctsdc@uconn.edu

Introduction

The NEW American FactFinder is the Census Bureau's data access tool for numerous surveys and censuses including:

- > Decennial Census (2000 & most 2010 data available now)
- American Community Survey (2010 ACS 1-year estimate data available now; earlier ACS data available in legacy version of American FactFinder)
- Puerto Rico Community Survey (coming soon)
- Economic Census (available now in legacy version of American FactFinder; available in New American FactFinder in Fall 2011)
- Annual Economic Surveys (Annual Survey of Manufactures, and Nonemployer Statistics (coming soon), and County Business Patterns (available now)
- Population Estimates Program (2001 to 2008 estimates available now; more data will appear in the future)

Features of the NEW American FactFinder include:

Information based searching

- Less need for knowledge of Census data, programs, and geography
- Allows users to start searching for data in multiple ways, by their particular interest/needs

Enhanced Table Manipulations

Nation American Indian Areas/ Alaska Native Areas/ Hawaiian Home Lands Regions **ZIP Cod** Divisions Urban Areas ZIP Code Tabulation Areas Metropolitan Areas School Districts States Congressional Districts Oregon Urban Gro h Areas Counties State Legislative Distr Economic Places Alaska Native Regional Corporation Voting Districts Traffic Analysis Zones County Subdivisions **Census Tracts** Subbarrios Block Groups Blocks

The new American FactFinder can search across all Census data programs for data collected at any or all geographic levels.

- Customized table views
- Sort and filter rows of a table
- Transpose rows and columns
- Save customized tables and searches

Updated Mapping tools

- Based on ArcGIS with expanded thematic mapping allows users to:
 - o Create a map of any table with more than one geography
 - o Identify small geographies such as blocks and tracts on a map for data analysis

Feedback FAQs Glossary Help

Getting Started with American FactFinder

U.S. Census Bureau

FactFinder (

Search and Navigation Basics

Users have numerous ways to search for data:

1.From the top middle of the Main Page:

Quick Start- Search for data or products with a simple text search for topic and/or area (not recommended when searching for data for geographies below County level, especially in Connecticut)

2.From the left-hand side of the Main Page:

Search for data or products by:

- Topic
- Geography
- Population Group (note: does not provide access to 2010 decennial census data)
- Industry Code
- 3. From the right-hand side of the Main Page:
- housing, economic, and geographic data Topics 🕜 • U.S. Population Clock Geographies (states,counties,places,...) ۶ 17:51 UTC (EST+5) Jul 08, 2010 earch term(s) and click 'GO' ? 309,689,333 Population Groups (race,ancestry,...) ₽ geography for GO more r Copics C population groups C industries
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Privacy Policy | Census 2010 | Data Tools | In

Your source for population.

• **Reference Map**- Select a State or US reference map to view geographic boundaries, or to select geographies from a map, and then search for data on those place(s).

U S C E N S U S B U R E A U

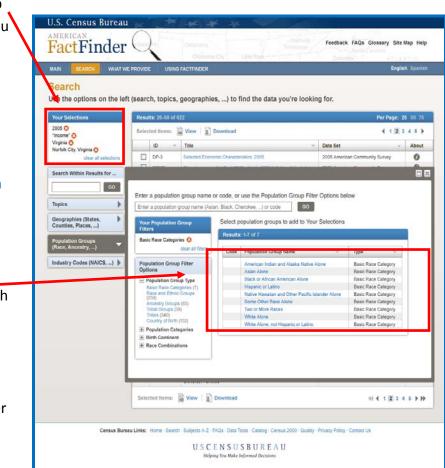
• Address Search- Find available data or products for a specific address or location

4. The **Global Tool** options from the top-right of every American FactFinder page provides options for Help, Feedback, and provides a link to a **Glossary** of Census terms and definitions

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"Your Selections"

- "Your Selections" lets you keep track of what search criteria you have applied to your search results. It lists any geography, population group, or industry code selections you've made, along with any search terms you've entered in the Quick Start text box or in the "Search within Results for" text box located on the Search Results Page.
- Search results are updated each time a filter or text search is added or removed from Your Selections. Any of "Your Selections" can be removed by clicking on the red remove filter button.
- Click on the "clear all selections" option to remove all your filters. The search results will then display every available product in the system until you apply filters or text searches to refine your search.



Have questions on using American FactFinder or finding Census data? Please contact the Connecticut State Data Center at: ctsdc@uconn.edu

Search by Topics

Starting with **Topics** in the new American FactFinder is a good strategy when browsing the types of data collected by the Census Bureau, across all survey programs and product types.* American FactFinder already includes data from numerous surveys, and will fold in additional data from the

American Community Survey and **Economic Cens** in the future. After selecting appropriate table(s) of national-level data, it is then possible to spe a smaller geography to s if the same tab is available at t level.

FactFinder	VIZON NEW MEXICO OKLAHOMA ARKANSAS	Feedback FAQs Glossary Help
MAIN SEARCH WHAT WE PR	ROVIDE USING FACTFINDER	English Español
Your Selections 'Your Selections' is empty Topics	Your source for population, housing, economic, and geographic data	
Geographies (states,counties,places,) Population Groups (race,ancestry,)	View 2010 Census tables. Note that population counts are included in most tables. View video tutorials to help you get started using the NEW American FactFinder.	U.S. Population Clock 13:46 UTC (EST+5) May 24, 201 311,414,448 more population clock
Industry Codes	Quick Start Enter search term(s) and click 'GO'	Reference Maps
Legacy American FactFinder The following data are available on the legacy American FactFinder System:	topic or table name geography (optional) for for @ topics C population groups Or use the options on the left to begin your search	Reference Maps show selected geographic boundaries for an are along with orienting features, suc as roads.
 2007 Economic Census 2009 American Community Survey 2009 Population Estimates 	News and Notes GET EMAIL UPDATES May 12, 2011 Over half the states have now been released for the Demographic Profile	Address Search Find Census data by entering a street

TIPS:

- Remember that the "Search Results" displayed are always a reflection of the topic(s) and geography or geographies you've specified in the Your Selections box. Each time you refine your search criteria, or remove items from Your Selections, the number of results will be updated accordingly.
- Use the "Search within Results for..." text box to narrow your search or use the predefined topics, geographies, population groups, or industry codes items to make selections for your search.
- *When browsing for data in categories for Race & Ethnicity and Origins (which includes ancestry and place of birth data), note that additional data from the 2000
 S2 and SF4 files are available through the Population Groups search (see more information on the Population Groups search below).
- Check the "include archived products" option to see archived data products included with your search results. Once a user selects to "View" an archived product, they will be taken to a FTP site where they can download the archived product(s).

Search by Topics Practice Question:

According to Census Bureau estimates, what percentage of adults in Waterbury, CT has no health insurance coverage?

- 1. From the **Topics** search menu, expand the **People** heading.
- 2. Expand selections available under Insurance Coverage.
- 3. Click Health Insurance Coverage Status to add this topic to Your Selections.

Your Selections	Se	arch Results	: 1-25 of 10,625				
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Topics 👔		DP02PR	SELECTED SOCIAL CHARACTERISTICS IN PUERTO RICO	2010 AC			
People Assic Count/Estimate	Г	DP03	SELECTED ECONOMIC CHARACTERISTICS	2010 AC			
+ Age & Sex	Г	DP04	SELECTED HOUSING CHARACTERISTICS	2010 AC			
+ Age Group	Г	DP05	ACS DEMOGRAPHIC AND HOUSING ESTIMATES	2010 AC			
+ Disability + Education	E	QT-H1	General Housing Characteristics: 2010	2010 SF1			
+ Employment	Г	QT-H2	Tenure, Household Size, and Age of Householder: 2010	2010 SF1			
 Income & Earnings Insurance Coverage 	Г	QT-H3	Household Population and Household Type by Tenure: 2010	2010 SF1			
Health Insurance (104)	Г	QT-P1	Age Groups and Sex: 2010	2010 SF1			
+ Language + Marital & Fertility Status	Г	QT-P10	Hispanic or Latino by Type: 2010	2010 SF1			
+ Origins	Г	QT-P11	Households and Families: 2010	2010 SF1			
+ Population Change + Poverty	Г	QT-P12	Household Relationship and Group Quarters Population: 2010	2010 SF1			
+ Race & Ethnicity	Г	QT-P13	Group Quarters Population by Sex, Age, and Type of Group Quarters: 2010	2010 SF1			
+ Relationship + Veterans	Г	QT-P2	Single Years of Age and Sex: 2010	2010 SF1			
+ Housing	Г	QT-P3	Race and Hispanic or Latino Origin: 2010	2010 SF1			
+ Business and Industry 🔹 💌							

- Now that the Topic has been selected, we need to indicate that we want data for Waterbury, CT, specifically. On the search screen, click on Geographies to open the Select Geographies transparency.
- 5. Instead of using the geography name search (which gives inconsistent results for town names), use the Geography Filters Options to select Waterbury with the following steps: From the Geography Type menu select City or Town. Then, expand the Within State menu, and click on Waterbury city, Connecticut. Exit the Select Geographies search box.
- 6. All of the tables in the Search Results window should now contain data pertaining Health Insurance Coverage Status in Waterbury, CT. You may browse the tables, or use the Search within Results for... box, to narrow the results further.

Search by Geographies

The **Geographies** search option is Ideal for beginning a search in which you will be comparing two or more geographic entities, and especially when comparing two or more smaller geographic entities within a larger geography – for example:

- Comparing median household income of towns in Tolland County
- Comparing household characteristics of different blocks within Waterbury
- Comparing the size of the population of schoolaged children among Connecticut school districts



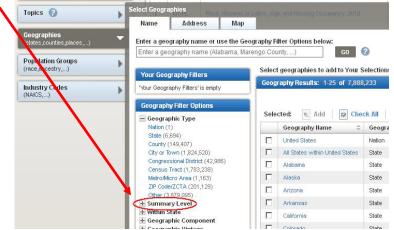
Search by Geographies Practice Question:

Locate a table which compares the relative size of the population of school-aged children in each of the 169 Connecticut towns.

1. When comparing smaller geographic entities within a larger area, the easiest approach is to first select the **Summary Level** for which you need data. To do

this, expand the Summary Level filter from the Geography Filter Options menu. From the Summary Level list, select the <u>smallest</u> geographic level for which you need data. In this case, select 060 – County Subdivision (the term the Census Bureau uses to designate governmental subdivisions of a county in states like Connecticut where towns, instead of Counties, serve as

general-purpose governmental

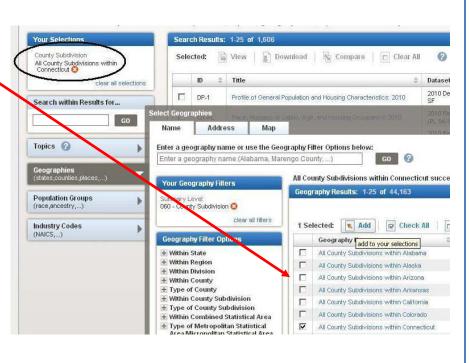


units) Note that **060 – County Subdivision** is now added to the 'Your Geography Filters' menu.

Classroom Workbook

Note that in the **Geography Results** menu, **All County Subdivisions within Connecticut** appears as an option for

appears as an option for selection. Check this option and click **Add** to place this in the **Your Selections** window in the Search window. You have now specified the geographic level for which you want data. Close the Select Geographies window. **Note**: After specifying the geography as we've just done, the list of Topics in the next step is limited to only those for which data is available for all towns in Connecticut.



GEOGRAPHY FILTER TIP: You may use the Geography Filter Options menu to further tailor your geography selections; for example, selecting Connecticut from the **Within State** menu would then allow you to look at only towns within Fairfield County, or to select only several individual towns from a menu. As you add selections to the 'Your Geography Filters' menu, the Geography Filters available for selection narrows to correspond with your previous selections.

- 2. Use the Topics menu to find a table which contains the age data we need: in the People menu expand the **Age Group** category to display Census data tables containing data on **Children**.
- The Search Results window should list tables in which data on children are available for County Subdivisions (towns) within Connecticut. The table: Sex by age for the population under 20 Years contains population totals by age in 1-year age increments.
- 4. Select **Download** to create a spreadsheet containing data for all 169 towns.

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The **Population Groups** is intended as a starting point when detailed data is needed on a particular ethnic group, race, place of birth or ancestry.

Search by Population Groups tips:

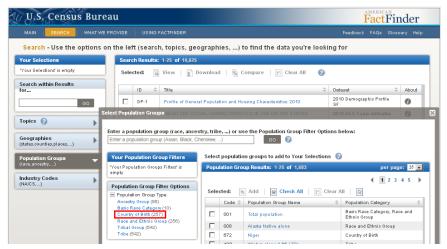
• Search by Populations Groups at this point is primarily a search tool for the 2010 ACS 1year estimates, and the 2000 Decennial Census SF2 and SF4 files. These files provide population and housing characteristics for many detailed race and Hispanic or Latino categories, and American Indian and Alaska Native tribes.

• <u>No</u> 2010 decennial Census data is available yet through the Search by Population Groups menu; the 2010 SF2 file is likely to be included here when it is released (sometime between Dec. 2011 and Apr. 2012) Extensive tables with 2010 decennial Census data on Race and Ethnicity *are* available now, but only by browsing the Topics menu under People in the Origins and Race & Ethnicity categories

Search by Population Groups Practice Question:

Locate current figures for the number of Connecticut residents who were born in an country within Asia.

- From the Population Groups search option, select Country of Birth from the Population Group Filter Options.
- From the Population Group Name list, click on the column heading to sort by name, and place a check next to Asia. Click Add to put this in



the Your Selections box on the main search page. Close the **Select Population Groups** window.

- 3. Click on **Geographies** to open the Select Geographies transparency. Click on **Connecticut** to add it to Your Selections. Close the **Select Geographies** transparency.
- 4. Tables in the Search Results should provide data on Connecticut residents of Asian nativity.

Working with Search Results

When you are ready to access your search results, you can do so from the **Search Results** page. You can also continue to narrow or "refine" these results by applying filters or by using the "Search within Results for..." text search box. Your Search Results will be updated each time you add or remove an item to "Your Selections."

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MAIN SEARCH WHAT WE PROVID	DE	USING FA	CTFINDER Fo					
Search - Use the options on the left (search, topics, geographies,) to find the data you're looking								
Your Selections People:Income & Earnings: Income/Earnings (Households) S People:Age Group: Children S County Subdivision		a: Ma	e 2010 Demographic Profile is being released on state by state basis throughout the month of ay. Click here to see if your state has been leased. Click here to see if your state has been released.					
All County Subdivisions within Connecticut 📀	Searc	h Results:	: 1.10 of 10					
clear all selections 1 Selected: 📄 View 🗊 Download 🖓 Compare 🗖 Clear All 🔗								
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GO		PCT038	FAMILY TYPE BY PRESENCE OF OWN CHILDREN UNDER 18 YEARS BY FAMILY INCOME IN 1999 [107]					
Topics 🥐 🔻		PCT039	MEDIAN FAMILY INCOME IN 1999 (DOLLARS) BY PRESENCE OF OWN CHILDREN UNDER 18 YEARS [3]					

Search Results tips

To view a data for multiple towns, cities, states, etc. on a single table:

If Your Selections includes multiple geographical entities, depending on the table type the data will be presented for all geographies on a single table, or will be presented on separate tables for each geographical entity. There are three types of tables for decennial census data in American FactFinder: Detailed Tables, Data Profiles, and Quick Tables. Detailed Tables (this type of table appears in the Search Results in all capital letters) display all geographies in a single table. (The About link next to each table name will display the shell of the table and table type). Data Profiles and Quick Tables present the results in separate tables for each geography. To view a data for multiple towns, cities, states, etc. in a single spreadsheet for these table types, click next to the table and select Download from Search Results screen (see image above).

Customize a Table

You can select to "View" a single product by clicking its hyperlinked title Data products that you select to view will be displayed in a new page. From there, you can choose from several options to work with your data product:

Modify Table

Select this option to view "Table Tools" that allow you to customize the table. "Table Tools" include:

- Re-order rows and columns
- Show/hide rows and columns
- Collapse/Expand data categories
- Reset Table (to original view)
- Transpose Rows and
 Columns

MAIN SEARCH WHAT WE PROVIDE USING FACTFINDER Results: Click 'Back to Search' to change geographies or industries. Result 1 or 2 B01001 SEX BY AGE Table View Result 1 or 2	English Espa
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Bookmark

Select this option to create a **Bookmark** or to **"Save a Query"** of a data product. The URL for your table will be saved as a bookmark in your Internet browser bookmarks or saved as a "Query" in the location you designate. URLs that are over the size capacity for bookmarks can only be saved as "Queries." American FactFinder will prompt you, as necessary. You can choose the **"Load Query"** option from the Main page to find and view any of your saved "Queries."

Download

The Download function allows users to extract tables from the system and to save them in the following formats:

- Database-compatible (.csv)
- Database-compatible (.xls)
- Presentation-ready Microsoft Excel (.xls)
- Presentation-ready PDF

Note: The number of rows for downloads are limited to system constraints, session size, and ongoing performance testing.

The NEW American FactFinder

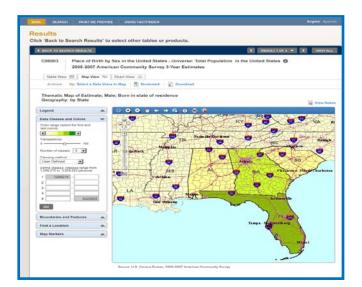
Create a Map

 To "Create a Map" from a table, simply select the Create a Map button from the Table Actions menu. You will be prompted to select a data field that you'd like to map and then prompted to confirm your selection, followed by a display of the map.

🖤 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.
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- From this point, you can choose to work with your map to customize it to your preferred view, or you can bookmark, print, or download the map.
 The following map tools are available for you to customize your map:
 - o 15-level zoom, pan, reposition
 - o Change Map Scale
 - o Identify a geography name
 - o Change Data Classes and Colors
 - Find a location (address, search and latitude / longitude)
 - Show/Hide Features, Boundaries and Label
 - Map Markers (points and text)

Note: The selection tools (drawing tools) mentioned on page 12 of this workbook are not available since your geographies are already selected in the table.



TIP:

Dynamic content such as the Census boundaries (Urban Areas, Places, Congressional Districts etc), Feature layers (military installations, schools, golf courses, church etc) and their labels can be turned on and off by the user.

Select Geographies for Analysis from a Reference Map

The NEW American FactFinder permits the selection of geographies for analysis from a reference map – so blocks, block groups, census tracts, etc. can be identified on a map, and added to **Your Selections** window to identify data tables available for those areas.

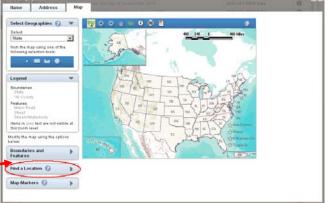
1. Begin by selecting **Geographies** from the main FactFinder search page

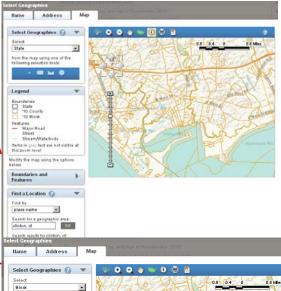
2. From the Select Geographies

transparency, click the Map tab to change the search mode from Name to Map. Use the Select menu to point to a State, County, or Congressional district, or click Find a Location to search by place name, address, or latitude/longitude (useful when selecting geographic areas within a neighborhood or city).

3. After identifying the address or location of interest, use the **Boundaries and Features** menu to display blocks, block groups, tracts, school districts, or other boundaries on the map. In this example, the boundaries for 2010 Blocks are displayed for Clinton, CT (for clarity, block labels were not displayed).

Use the Select Geographies menu to indicate the geography (in this case, Block) you will be selecting from the map. Use the 'Select using a point' option (small square) to point to the area(s) of interest. When finished, the ADD TO YOUR SELECTIONS button will send these geographies to the data search screen, letting you then search for data available for these area(s).







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