November 2007

Using the Census Web Site Handouts

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Census Web Site: http://www.census.gov

Maps Page

U.S. Census Bureau Maps and Cartographic Resources

- **WHAT'S NEW** - Lists the most recent products or services.

- **MAP PRODUCTS** - Links to publicly available printed maps and free, downloadable maps in Portable Document Format [PDF]. Ordering information for printed maps and PDF maps on CD-ROM and DVD is also provided.

- **BOUNDARY FILES** - Provides access to generalized, digital files suitable for use with a Geographic Information System (G.I.S.) as a base for medium to small-scale thematic mapping.

- **ON-LINE MAPPING** - Links to two mapping applications derived from Census Bureau base map data - American FactFinder, State & County QuickFacts, and the TIGER Map Server.

- **RELATED SITES** - Lists other resources on the Bureau's Web site.

- **CONTACT** - Send us questions and/or comments. Answers to Frequently Asked Questions (FAQs).

- **SITE MAP** - Site layout in text-only form.

Census Bureau Links: Home · Search · Subjects A-Z · FAQs · Data Tools · Catalog · Census 2000 · Quality · Privacy Policy · Contact Us

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Page Last Modified: November 29, 2006

Map Products Page

Census Bureau Map Products

Welcome to the Census Bureau Map Products page. Census Bureau maps are organized into two categories: Reference Maps and Thematic Maps. Select the description link located beneath each map title to access more information about each map. To view or download maps, select a vintage. Note: The maps listed on this Web page are designed to be viewed with ADOBE Reader versions 4 and 5. If you do not have ADOBE Reader, you can download it for free from ADOBE.

- How to Find the Maps you Need
- How to Print Large Format PDF Map Files [PDF]
- Viewing Tips for PDF Map Files Contains plotter specification information
- Viewing the thumbnail images for the 1990 Census Tract PDF Map files.

REFERENCE MAPS (description)

Census Geography

- Congressional District Map Products
  108th Congressional District Maps and Related Information
  109th Congressional District Maps and Related Information
- American Indian Tribal Census Tract Outline Maps:
  Description   2000
- American Indian/Alaska Native/Hawaiian Home Land Block Maps:
  Description   2000
- Census Block Maps: (Also available on DVD)
  Description   2000 | 1990
- Census Tract Outline Maps: (Also available on DVD) and CD-ROM
  Description   2000 | 1990

What's New Page Urban Cluster Outline Maps

URBAN CLUSTER OUTLINE MAP (CENSUS 2000)
Storrs, CT
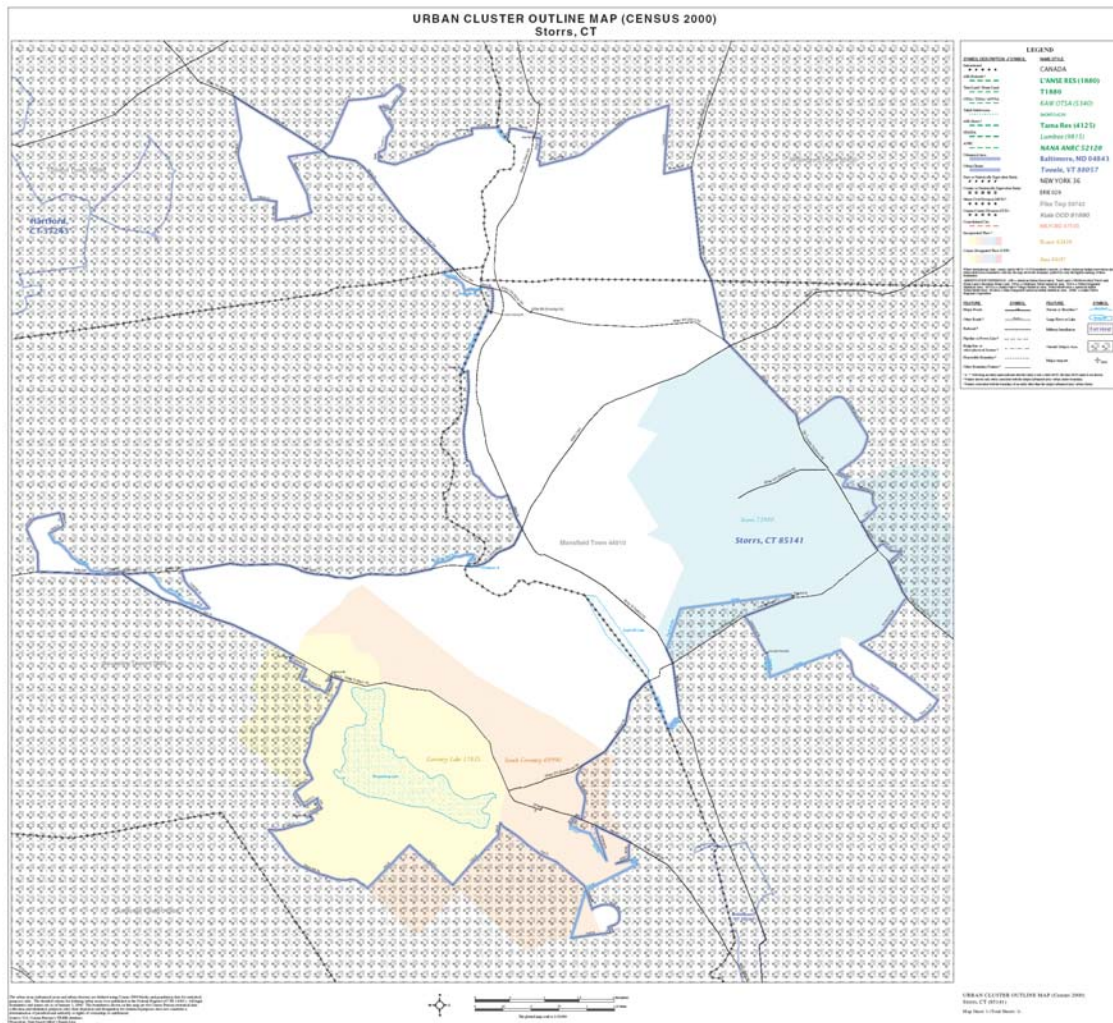
Map Products Page

What's New | Map Products Boundary Files On-Line Mapping Related Sites Contact Site Map
Cartographic Products Geography

Census Bureau Map Products

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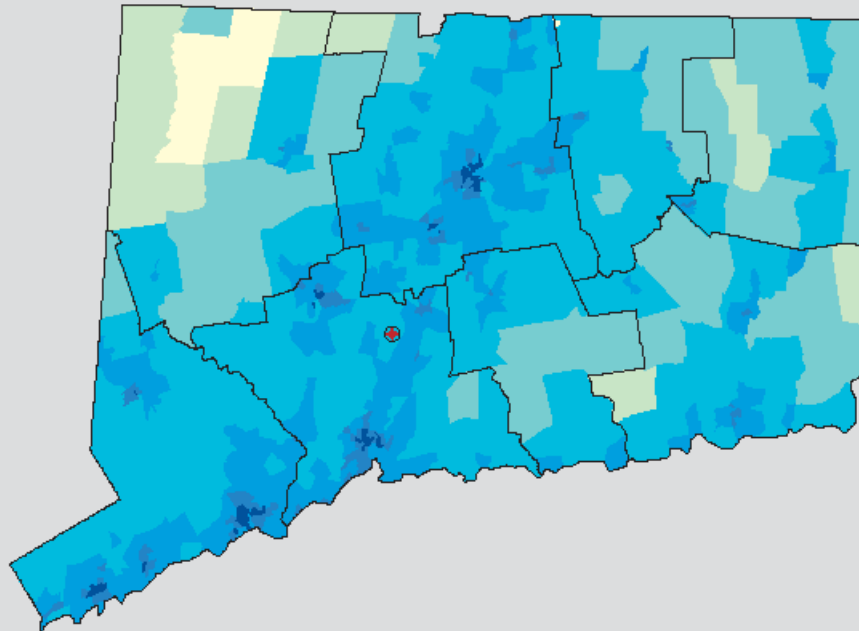
Reference Map New England City and Town Areas

New England City and Town Areas
December, 2006
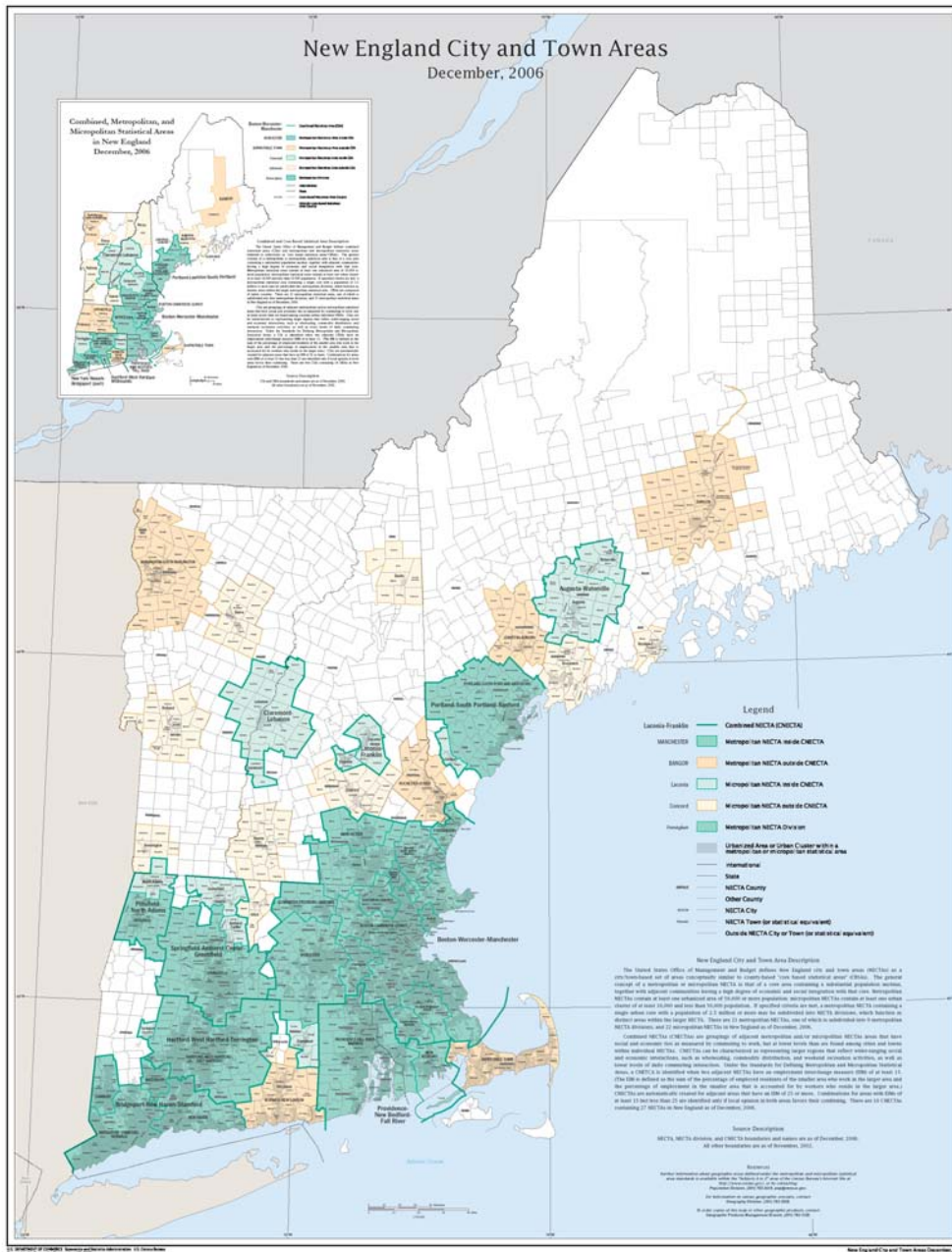
Thematic Map Connecticut Population Profile

Census 2000: Connecticut Profile

Population Density by Census Tract

State Race* Breakdown

- Black or African American (9.1%)
- American Indian and Alaska Native (0.3%)
- Asian (2.4%)
- Native Hawaiian and Other Pacific Islander (<0.1%)
- White (81.6%)
- Some other race (4.3%)
- Two or more races (2.2%)

*One race

Hispanic or Latino (of any race) makes up 9.4% of the state population.

Population by Sex and Age

Total Population: 3,405,565

85+ Years

150,000   75,000   0   75,000   150,000

Male   Female

Housing Tenure

Total Occupied Housing Units: 1,301,670

66.8% Owner Occupied   33.2% Renter Occupied

Average Household Size of Owner-Occupied Units: 2.67 people

Average Household Size of Renter-Occupied Units: 2.25 people

Population Per Square Mile by Census Tract

- 10,000.0 to 32,191.1
- 5,000.0 to 9,999.9
- 1,000.0 to 4,999.9
- 200.0 to 999.9
- 79.6 to 199.9
- 40.0 to 79.5
- Less than 40.0

U.S. density is 79.6

— County Boundary

⊕ Connecticut Mean Center of Population
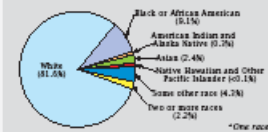
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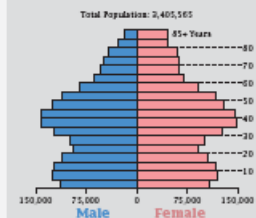U.S. Department of Commerce   Economics and Statistics Administration   U.S. CENSUS BUREAU

Boundary Files Page
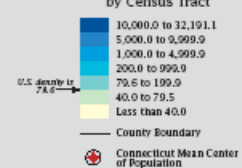
Cartographic Boundary Files

Download Boundary Files

Descriptions and Metadata

Technical Information

Boundary Files Site News

Welcome to the U.S. Census Bureau's Cartographic Boundary Files Web Site. The boundary files available here are selected generalized extracts from the Census Bureau's TIGER geographic database and are designed for use in a Geographic Information System (GIS) or similar mapping system. **These are not map images.** They have been developed for various internal Census Bureau projects and have been made available here to the general public on an **"as is"** basis.

Cartographic Boundary File Formats
The cartographic boundary files on this site are available in the following formats:

ARC/INFO EXPORT (.e00) format
ArcView Shapefile (.shp) format
ARC/INFO Ungenerate (ASCII) format

Select a link at the upper left of the page to continue...

TIGER Page

Geography Main | U.S. Gazetteer | Census 2000 Geography Glossary | Census 2000 Gateway

TIGER®, TIGER/Line® and TIGER®-Related Products

T I G E R

Topologically Integrated Geographic Encoding and Referencing system

MAF/TIGER Enhancements Program (MTEP)

- Partnerships and MTEP
- MAF/TIGER Accuracy Improvement Project
- MAF/TIGER Enhancements Program Objective Two: MAF/TIGER Redesign
- Accurate Coordinate Datasets Collection

**TIGER/Line® Shapefiles and Relationship Files**

- **2007 First Edition TIGER/Line® Shapefiles and Relationship Files** -- **Revised Record Layout released October 3, 2007.** NEW!!

TIGER/Line® Files

- The Future of TIGER/Line®

- **2006 Second Edition TIGER/Line® Files** -- **Released March 6, 2007.**
- 2006 First Edition TIGER/Line® Files -- No longer available on-line.
- 2005 Second Edition TIGER/Line® Files -- No longer available on-line.
- 2005 First Edition TIGER/Line® Files -- No longer available on-line.

Basic TIGER/Line Topology
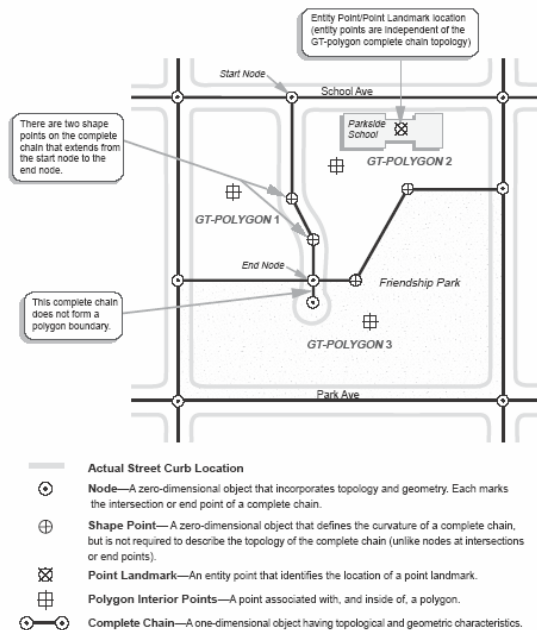
2000 Census Gazetteer Example for Places

Record Layout: The place file contains data for all Incorporated and Census Designated places in the 50 states, the District of Columbia and Puerto Rico as of the January 1, 2000. The file is plain ASCII text, one line per record.

- Columns 1-2: United States Postal Service State Abbreviation
- Columns 3-4: State Federal Information Processing Standard (FIPS) code
- Columns 5-9: Place FIPS Code
- Columns 10-73: Name
- Columns 74-82: Total Population (2000)
- Columns 83-91: Total Housing Units (2000)
- Columns 92-105: Land Area (square meters) - Created for statistical purposes only.
- Columns 106-119: Water Area(square meters) - Created for statistical purposes only.
- Columns 120-131: Land Area (square miles) - Created for statistical purposes only.
- Columns 132-143: Water Area (square miles) - Created for statistical purposes only.
- Columns 144-153: Latitude (decimal degrees) First character is blank or "-" denoting North or South latitude respectively
- Columns 154-164: Longitude (decimal degrees) First character is blank or "-" denoting East or West longitude respectively

Example Records for Connecticut (Column positions squeezed to fit on page)

```
CT0901150Ansonia city      18554  7937  15620869   413392  6.031251 0.159612 41.342690 -73.074467
CT0902690Bantam borough      802   376   2617953        0  1.010797 0.000000 41.723320 -73.240629
CT0904790Bethel CDP         9137  3744  10575207        0  4.083110 0.000000 41.373028 -73.416168
```

Using American Fact Finder to Determine the Census Geography of a Street Address
Prepared for Connecticut Census Geographic Data Initiative Workshops
Ellen K. Cromley, Institute for Community Research, ellen.cromley@icrweb.org
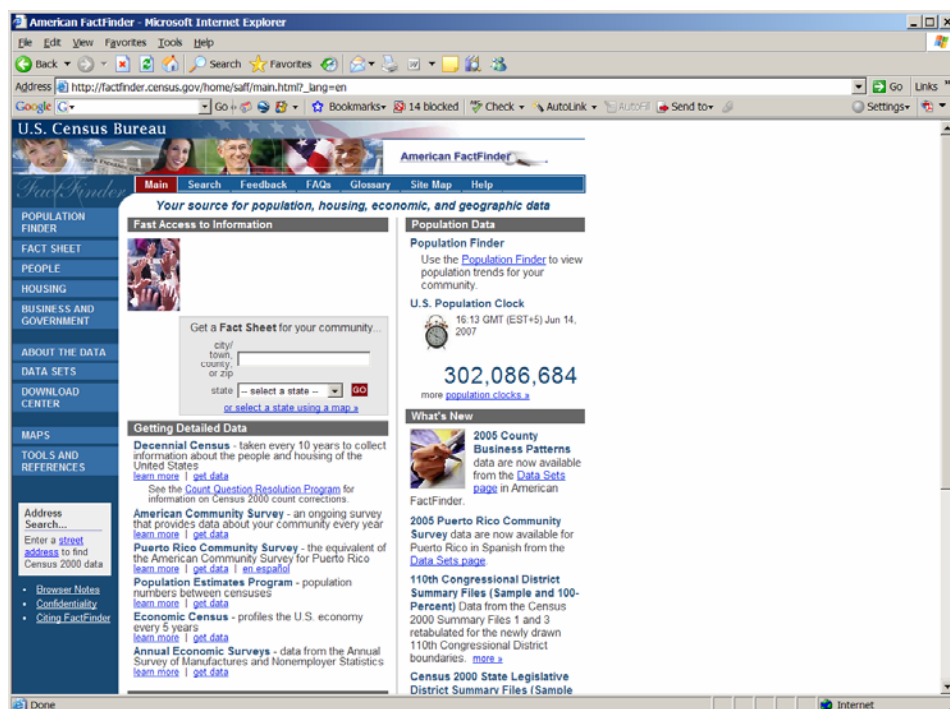November 7, 2007
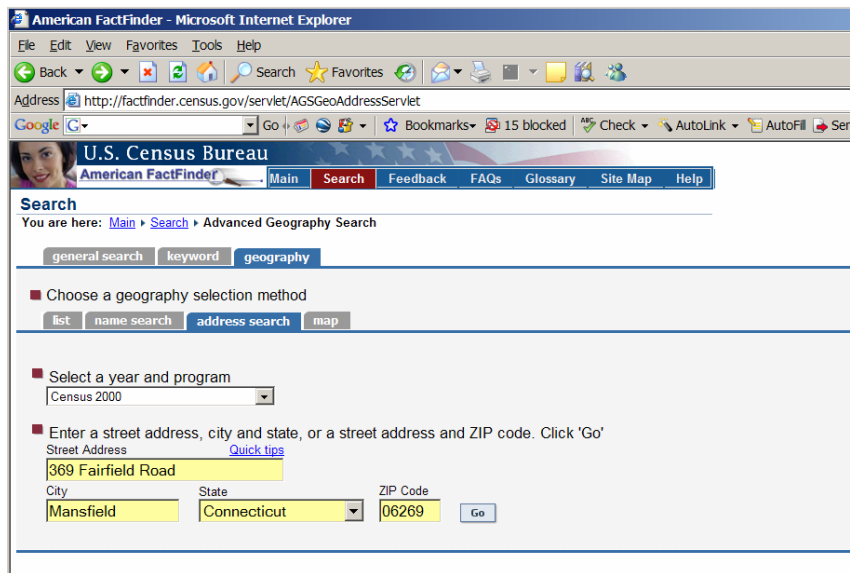
1. Open a web browser and navigate to:

    http://www.census.gov
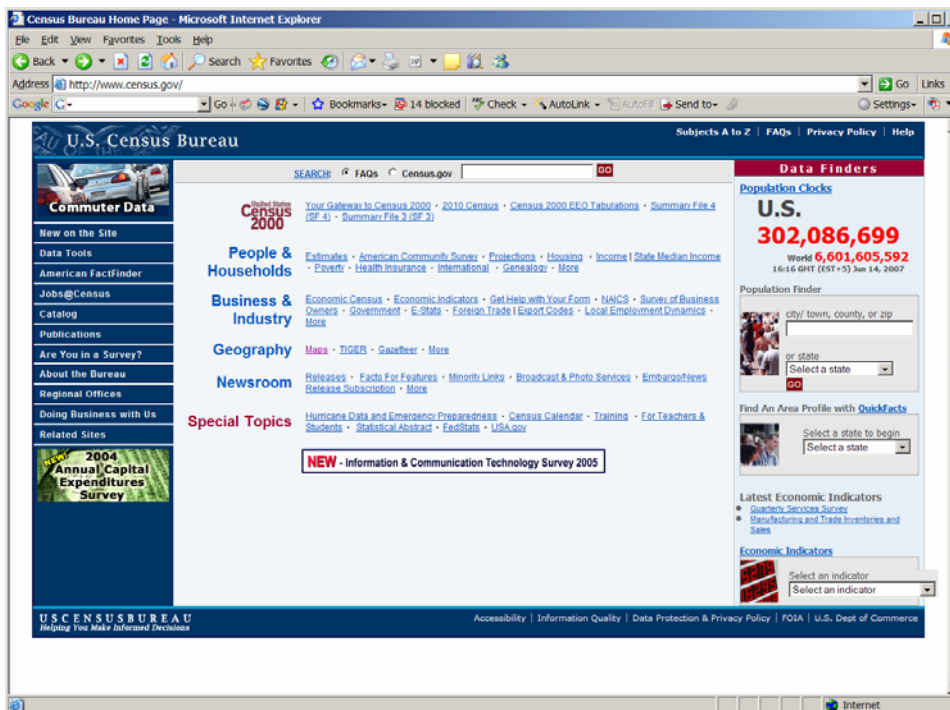
In the panel on the left of the display, clink on the American FactFinder link to open American FactFinder.

2. In the panel on the left of the display, look for the box Labeled "Address Search…" and click the link in "Enter a street address to find Census 2000 data".

3. In the Search window, make sure that the **geography** tab is clicked and the **address search** tab is clicked under Choose a geography selection method.

   Then select a year and program from the pull-down menu, enter a street address, city and state, or a street address and ZIP code and click Go.
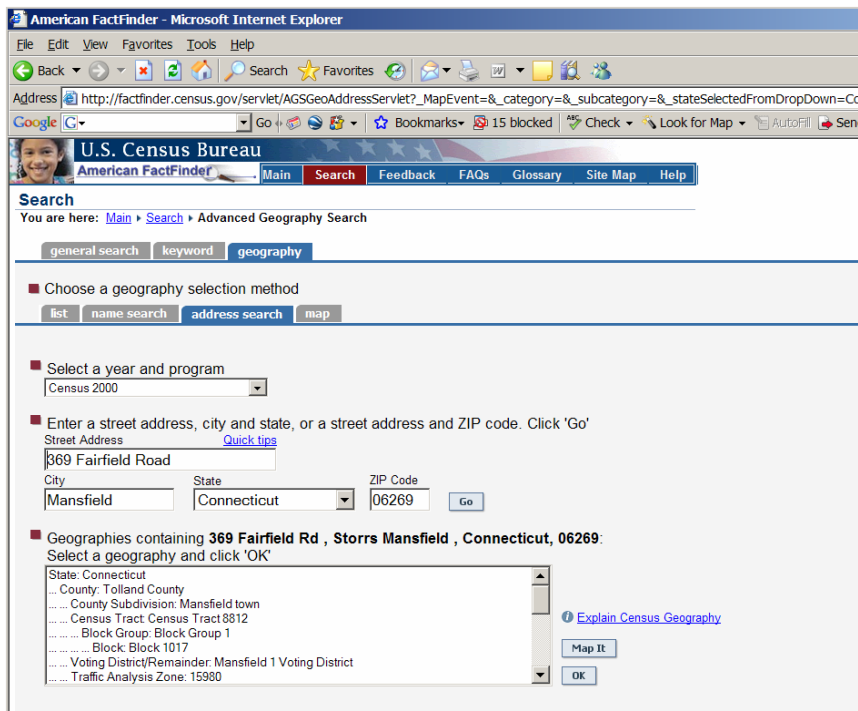

4. A window will open showing Geographies containing the address you entered.

   This window shows us that 369 Fairfield Road in Mansfield is located in Census Tract 8812.

   Note that census tract numbers are only unique within counties.

   Click the Census Tract line to select the tract geography and then click Map It to see a map of the census tract area as shown below.

5. With any luck, this area will look familiar to you.

This technique can be used to geocode addresses to various Census geographies.