

# Utilizing Data from American FactFinder with TIGER/Line Shapefiles in ArcGIS

Web Adams, GISP  
Data Dissemination Specialist  
U.S. Census Bureau  
New York Regional Office

# What We Do

- **Decennial Census**
  - Every 10 years, Counts Residents
- **American Community Survey (ACS)**
  - Annual Social, Economic and Housing data
- **Other Surveys and Censuses**
  - Population Estimates
  - Economic Census

# 2010 Census vs. ACS

**2010  
Census**

**100 % Data**

How many  
people live in  
the U.S.?

**Point in time**  
April 1, 2010

**Count** - People,  
Housing units

**American  
Community  
Survey**

=

**2000 Long Form  
SF3 & SF4**

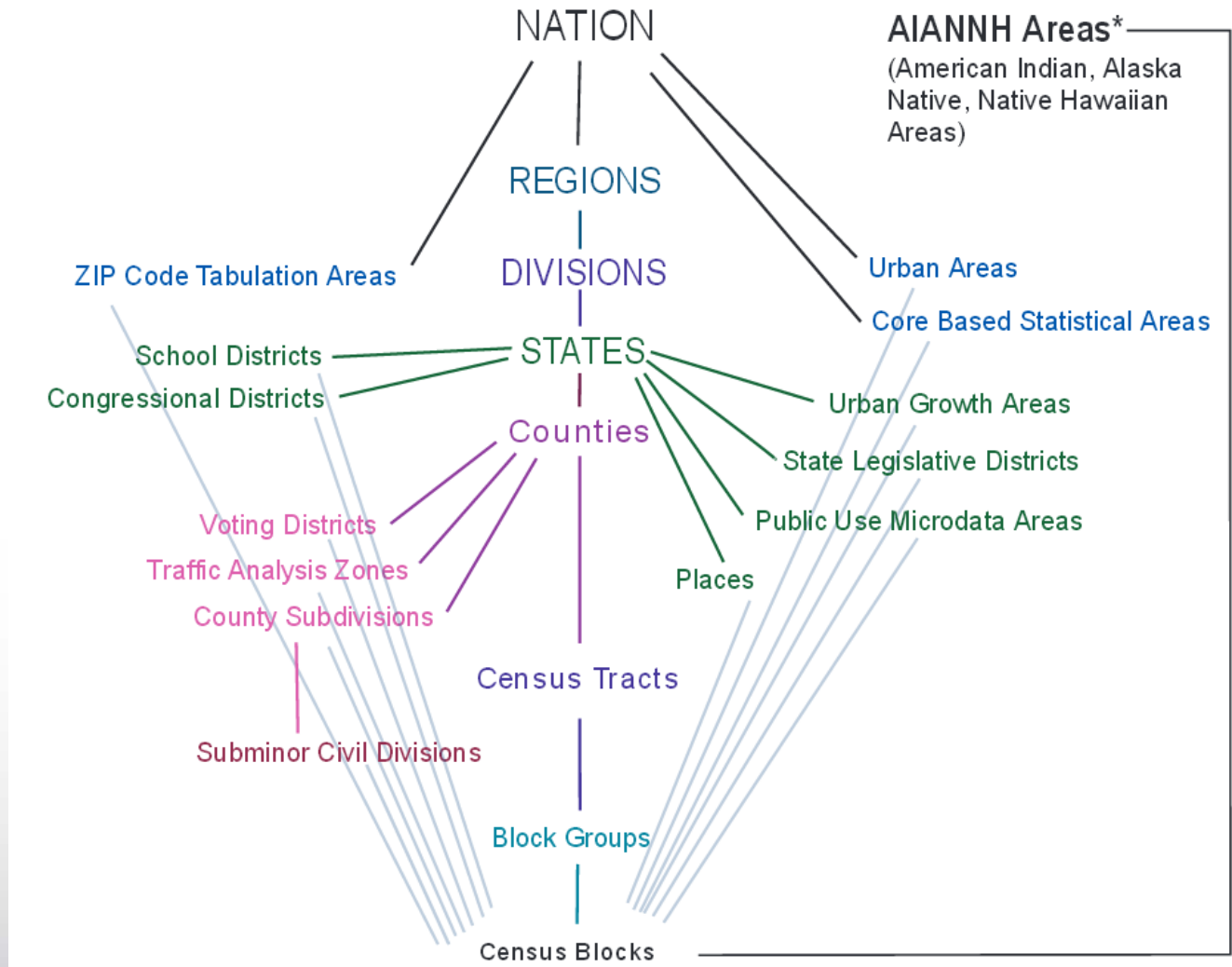
**Sample Data**

How do people  
live in the U.S.?

**Period in Time**  
1yr, 3yr, 5yr

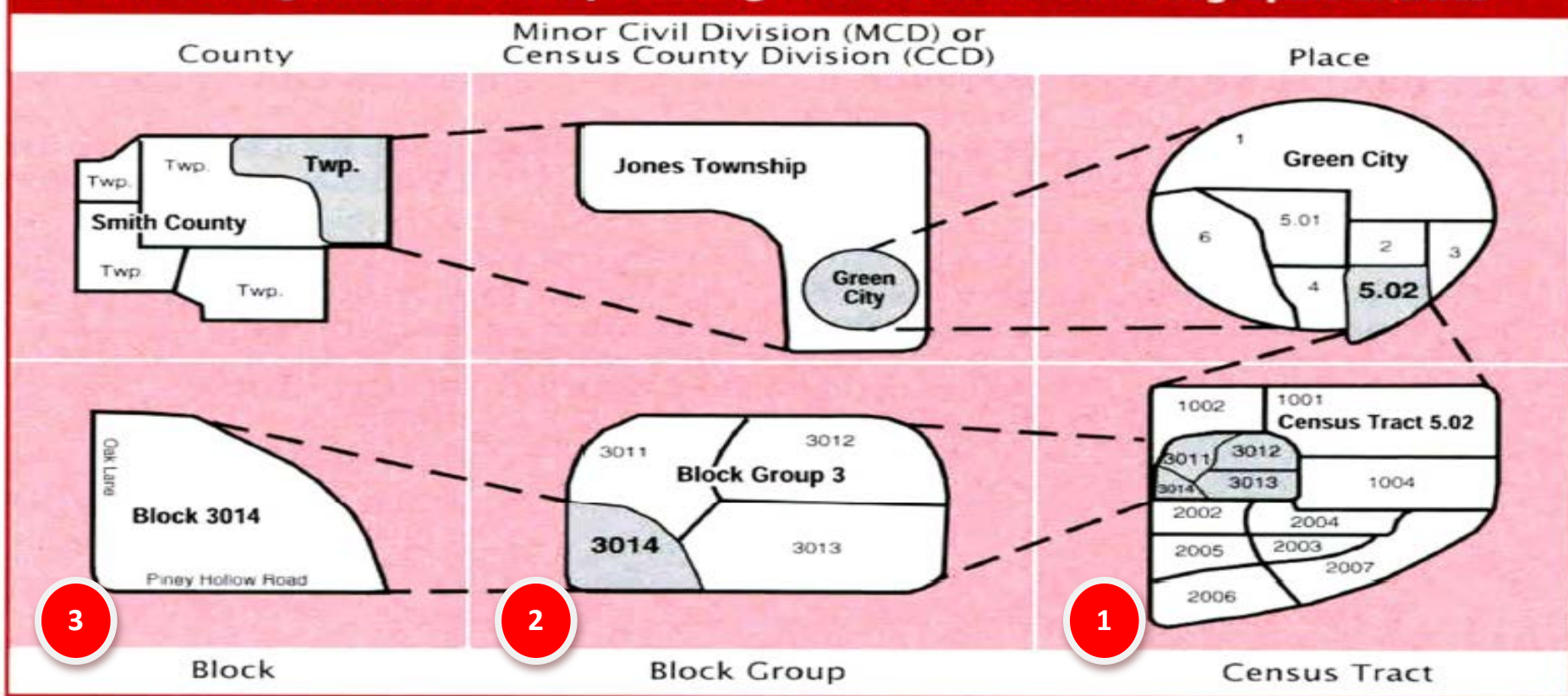
**Characteristics**  
Income, Poverty,  
Education

# Standard Hierarchy of Census Geographic Entities



# Census Small-Area Geography

## Understanding the Relationships Among U.S. Census Bureau Geographic Entities



1. **Census Tracts** – are small, relatively permanent statistical areas of a county and generally have a population of 1,500 to 8,000 (optimum **4,000**)
2. **Block Groups** – are statistical areas of a census tract and generally have a population of 600 to 3,000 (optimum **1,500**)
3. **Blocks** – are the smallest area within a census tract for which 100% data is tabulated. Many blocks correspond to individual city blocks bounded by streets, but blocks – especially in rural areas – may include many square miles and may have some boundaries that are not streets.

# 3 Methods of Acquiring TIGER GIS Files

- Via American Fact Finder
  - Flexible, user may select the geographies of immediate interest
  - Only a single data field per downloaded shapefile
- Via TIGER website
  - Contains index field (GEOID) to join with all downloaded Census Bureau data tables
  - Less flexible, may only download by state or county
- TIGER Geodatabase



[www.census.gov](http://www.census.gov) Select 'Data Tools and Apps' then 'American FactFinder'

The screenshot shows the United States Census Bureau website. A red arrow points to the search bar at the top right. A red box highlights the 'Data Tools and Apps' link in the top navigation bar. A red circle highlights the 'Data Tools and Apps' link in the dropdown menu. Another red circle highlights the 'American FactFinder' link in the 'Data Tools and Apps' dropdown menu.

United States Census Bureau

Topics: Population, Economy | Geography: Maps, Geographic Data | Library: Infographics, Publications | **Data Tools and Apps** | About the Bureau: Research, Surveys | Newsroom: News, Events, Blogs

Search

**Data Tools and Apps**  
Find information using interactive applications to get statistics from multiple surveys.

- American FactFinder**
- Census Explorer
- Easy Stats
- Interactive Population Map
- My Congressional District
- Population Clock
- Quick Facts

Developers  
Mobile Apps  
Product Catalog  
Related Sites  
Software  
Training & Workshops  
Visualizations

County Population and Housing  
West dominated the list of fastest-growing counties between 2012 and 2013, claiming seven of which were in Texas. San Jose and Georgetown -- each near the top of the 10 fastest-growing cities of 50,000 or more.

World Population  
318,156,954  
7,170,062,993  
Jun 02, 2014 22:35 UTC (+4) [Learn More >>](#)

people, business, and geography.  
Select a state to begin

Census Bureau Economic Indicators

Indicator	Value	Change
Construction Spending	\$953.5 B	0.2%*
Advance Report Durable Goods	\$239.9 B	0.8%*
New Residential Sales	433,000	0.8%*

Latest News

**Online Shopping and Mail Order Businesses Jump 27 Percent**  
May 29, 2014  
Electronic shopping is showing rapid growth compared to the rest of the retail trade sector.

**Anniversary of Americans with Disabilities Act: July 26**  
May 28, 2014  
Disabilities Act prohibits discrimination against people with disabilities in employment, transportation, public accommodations, and government services.

**"New Trends in Farming" Live on C-SPAN's "America by the Numbers"**

Stat of the Day

**Asians**  
The Asian alone or in combination population in California in 2012 was 6.0 million. The state had the largest Asian population, followed by New York (1.7 million).

[Read More](#)

**Are You in a Survey?**  
[Learn more >>](#)

# AFF Homepage



Feedback FAQs Glossary Help

MAINCOMMUNITY FACTSGUIDED SEARCH**ADVANCED SEARCH**DOWNLOAD OPTIONSEnglishEspañol

 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:

**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](#).

**News and Notes**



Jan 29, 2013

The Demographic Profile for American Samoa is available...



• Click on Advanced Search



▶ **Community Facts**▶ **Guided Search**▼ **Advanced Search**

Search all data in American FactFinder, with access to all geographic types and datasets.

SHOW ME ALL

▶ **Download Center**

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](#) ▶ [Last data](#) ▶

**News and Notes**

GET EMAIL UPDATES



Apr 29, 2014

Data from the 2012 Census of Governments: Finance - Survey of Public Pensions: State- and Locally-Administered Defined Benefit Data...



[view all news, release schedules, and more »](#)

**Address Search**

Find Census data by entering a [street address](#).



# To Select All Municipalities in Essex Co., NJ

U.S. Department of Commerce  
**United States Census Bureau**

AMERICAN FactFinder

Feedback FAQs Glossary Help

MAIN COMMUNITY FACTS GUIDED SEARCH **ADVANCED SEARCH** DOWNLOAD CENTER

**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 Geographies** [CLOSE X]

List Name Address Map

Select geographies to add to Your Selections ?

Select from: ☒ most requested geographic types ☐ all geographic types

Select a geographic type:  
..... County Subdivision - 060

Select a state:  
New Jersey

Select a county:  
Essex

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

- All County Subdivisions within Essex County, New Jersey
- Belleville township, Essex County, New Jersey
- Bloomfield township, Essex County, New Jersey
- Caldwell borough, Essex County, New Jersey
- Cedar Grove township, Essex County, New Jersey
- City of Orange township, Essex County, New Jersey
- East Orange city, Essex County, New Jersey
- Essex Fells borough, Essex County, New Jersey
- Fairfield township, Essex County, New Jersey
- Glen Ridge borough, Essex County, New Jersey

**ADD TO YOUR SELECTIONS**

Didn't find your geographic type? Click the 'all geographic types' radio button above, or try the Name, Address or Map geography search options instead.

# To Select For Individual Income

U.S. Department of Commerce  
**United States Census Bureau**

AMERICAN **FactFinder**

Feedback FAQs Glossary Help

MAIN COMMUNITY FACTS GUIDED SEARCH **ADVANCED SEARCH** DOWNLOAD CENTER

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

**Your Selections**

Search using...  
County Subdivision  
All County Subdivisions within  
Essex County, New Jersey

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, ...)

**Select Topics**

Select Topics to add to 'Your Selections'

- People
  - Basic Count/Estimate
  - Age & Sex
  - Age Group
  - Disability
  - Education
  - Employment
  - Income & Earnings
    - Income/Earnings (Households) (2,841)
    - Income/Earnings (Individuals) (2,081)**
  - Insurance Coverage
  - Language
  - Marital & Fertility Status
  - Origins
  - Population Change
  - Poverty
  - Relationship
  - Veterans
- Housing

Note: The Race & Ethnicity topic is available under the Race and Ethnic Groups button on the left.

☐ Include archived products in your search

Search Results: 1-25 of 27,500 tables and other products match 'Your Selections' per page: 25

1 2 3 4 5

Show results from: All available years

	Dataset	About
	2013 ACS 1-year estimates	i
	2013 ACS 3-year estimates	i
	2013 ACS 1-year estimates	i
	2013 ACS 3-year estimates	i
	2013 ACS 1-year estimates	i
	2013 ACS 3-year estimates	i
	2013 ACS 1-year estimates	i
	2013 ACS 3-year estimates	i
	2013 ACS 1-year estimates	i
	2013 ACS 3-year estimates	i
	2013 ACS 1-year estimates	i
	2013 ACS 3-year estimates	i
	2013 ACS 1-year estimates	i
	2013 ACS 3-year estimates	i

# To Select For Per Capita Income

U.S. Department of Commerce  
**United States Census Bureau**

AMERICAN **FactFinder**

Feedback FAQs Glossary Help

MAIN COMMUNITY FACTS GUIDED SEARCH **ADVANCED SEARCH** DOWNLOAD CENTER

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

**Your Selections**

Search using...  
Search: "B19301: PER CAPITA INCOME IN THE PAST 12 MONTHS (IN 2005 INFLATION-ADJUSTED DOLLARS)"  
People: Income & Earnings: Income/Earnings (Individuals)  
County Subdivision  
All County Subdivisions within Essex County, New Jersey  
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, ...)

Search Results: 1-21 of 21 tables and other products match 'Your Selections' per page: 25

Refine your search results:   

☒ topics ☐ race/ancestry ☐ industries ☐ occupations

2 Selected:     

Show results from: All available years

ID	Table, File or Document Title	Dataset	About
<input type="checkbox"/> B19301	PER CAPITA INCOME IN THE PAST 12 MONTHS (IN 2013 INFLATION-ADJUSTED DOLLARS)	2013 ACS 1-year estimates	<a href="#">?</a>
<input type="checkbox"/> B19301	PER CAPITA INCOME IN THE PAST 12 MONTHS (IN 2013 INFLATION-ADJUSTED DOLLARS)	2013 ACS 3-year estimates	<a href="#">?</a>
<input type="checkbox"/> B19301	PER CAPITA INCOME IN THE PAST 12 MONTHS (IN 2012 INFLATION-ADJUSTED DOLLARS)	2012 ACS 1-year estimates	<a href="#">?</a>
<input type="checkbox"/> B19301	PER CAPITA INCOME IN THE PAST 12 MONTHS (IN 2012 INFLATION-ADJUSTED DOLLARS)	2012 ACS 3-year estimates	<a href="#">?</a>
<input checked="" type="checkbox"/> B19301	PER CAPITA INCOME IN THE PAST 12 MONTHS (IN 2012 INFLATION-ADJUSTED DOLLARS)	2012 ACS 5-year estimates	<a href="#">?</a>
<input type="checkbox"/> B19301	PER CAPITA INCOME IN THE PAST 12 MONTHS (IN 2011 INFLATION-ADJUSTED DOLLARS)	2011 ACS 1-year estimates	<a href="#">?</a>
<input type="checkbox"/> B19301	PER CAPITA INCOME IN THE PAST 12 MONTHS (IN 2011 INFLATION-ADJUSTED DOLLARS)	2011 ACS 3-year estimates	<a href="#">?</a>
<input type="checkbox"/> B19301	PER CAPITA INCOME IN THE PAST 12 MONTHS (IN 2011 INFLATION-ADJUSTED DOLLARS)	2011 ACS 5-year estimates	<a href="#">?</a>
<input type="checkbox"/> B19301	PER CAPITA INCOME IN THE PAST 12 MONTHS (IN 2010 INFLATION-ADJUSTED DOLLARS)	2010 ACS 1-year estimates	<a href="#">?</a>
<input type="checkbox"/> B19301	PER CAPITA INCOME IN THE PAST 12 MONTHS (IN 2010 INFLATION-ADJUSTED DOLLARS)	2010 ACS 3-year estimates	<a href="#">?</a>
<input type="checkbox"/> B19301	PER CAPITA INCOME IN THE PAST 12 MONTHS (IN 2010 INFLATION-ADJUSTED DOLLARS)	2010 ACS 5-year estimates	<a href="#">?</a>
<input type="checkbox"/> B19301	PER CAPITA INCOME IN THE PAST 12 MONTHS (IN 2010 INFLATION-ADJUSTED DOLLARS)	2010 ACS 5-year Selected Population Tables	<a href="#">?</a>
<input type="checkbox"/> B19301	PER CAPITA INCOME IN THE PAST 12 MONTHS (IN 2009 INFLATION-ADJUSTED DOLLARS)	2009 ACS 1-year estimates	<a href="#">?</a>
<input type="checkbox"/> B19301	PER CAPITA INCOME IN THE PAST 12 MONTHS (IN 2009 INFLATION-ADJUSTED DOLLARS)	2009 ACS 3-year estimates	<a href="#">?</a>
<input type="checkbox"/> B19301	PER CAPITA INCOME IN THE PAST 12 MONTHS (IN 2009 INFLATION-ADJUSTED DOLLARS)	2009 ACS 5-year estimates	<a href="#">?</a>
<input type="checkbox"/> B19301	PER CAPITA INCOME IN THE PAST 12 MONTHS (IN 2008 INFLATION-ADJUSTED DOLLARS)	2008 ACS 1-year estimates	<a href="#">?</a>
<input type="checkbox"/> B19301	PER CAPITA INCOME IN THE PAST 12 MONTHS (IN 2008 INFLATION-ADJUSTED DOLLARS)	2008 ACS 3-year estimates	<a href="#">?</a>
<input type="checkbox"/> B19301	PER CAPITA INCOME IN THE PAST 12 MONTHS (IN 2007 INFLATION-ADJUSTED DOLLARS)	2007 ACS 1-year estimates	<a href="#">?</a>
<input type="checkbox"/> B19301	PER CAPITA INCOME IN THE PAST 12 MONTHS (IN 2007 INFLATION-ADJUSTED DOLLARS)	2007 ACS 3-year estimates	<a href="#">?</a>
<input type="checkbox"/> B19301	PER CAPITA INCOME IN THE PAST 12 MONTHS (IN 2006 INFLATION-ADJUSTED DOLLARS)	2006 ACS	<a href="#">?</a>

# The Data Table

U.S. Department of Commerce  
**United States Census Bureau**

**AMERICAN FactFinder**

MISSOURI KANSAS VIRGINIA KENTUCKY NORTH CAROLINA

Feedback FAQs Glossary Help

MAIN COMMUNITY FACTS GUIDED SEARCH ADVANCED SEARCH DOWNLOAD CENTER

**Advanced Search** - Search all data in American FactFinder

1 Advanced Search 2 Table Viewer

Result 2 of 2 VIEW ALL AS PDF

B19301 PER CAPITA INCOME IN THE PAST 12 MONTHS (IN 2012 INFLATION-ADJUSTED DOLLARS)  
Universe: Total population  
2008-2012 American Community Survey 5-Year Estimates

Table View

BACK TO ADVANCED SEARCH

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

Click on a data value in the table to map.

CANCEL

View Geography Notes View Table Notes

Although the American Community Survey (ACS) produces population, demographic and housing unit estimates, it is the Census Bureau's Population Estimates Program that produces and disseminates the official estimates of the population for the nation, states, counties, cities and towns and estimates of housing units for states and counties.

1 - 18 of 44

	Belleville township, Essex County, New Jersey		Bloomfield township, Essex County, New Jersey		Caldwell borough, Essex County, New Jersey		Cedar Grove township, Essex County, New Jersey		City of Orange township, Essex County, New Jersey		East Orange city, Essex County, New Jersey		Essex Fells borough, Essex County, New Jersey		Fairfield township, Essex County, New Jersey		Glen Ridge borough, Essex County, New Jersey	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
Per capita income in the past 12 months (in 2012 inflation-adjusted dollars)	28,857	+/-1,147	33,570	+/-1,193	42,995	+/-5,076	46,891	+/-3,587	18,665	+/-1,090	21,342	+/-796	90,248	+/-9,550	45,120	+/-4,944	68,122	+/-7,773

Source: U.S. Census Bureau, 2008-2012 American Community Survey



# The Map & Download Interface

The screenshot displays the 'Map & Download Interface' for the 'PER CAPITA INCOME IN THE PAST 12 MONTHS (IN 2012 INFLATION-ADJUSTED DOLLARS)' dataset. The interface includes a 'Table View' and 'Map View' toggle, with 'Map View' selected. A 'Download' button is highlighted with a red box. The map shows a thematic map of Essex County, Massachusetts, with per capita income data by county subdivision. A legend on the left lists data classes and features. A 'Download' dialog box is open, showing options for download format and presentation-ready formats. The 'Spatial Data formats' section is highlighted with a red box, showing 'Shapefiles (.zip)' as the selected option. The dialog box also includes a 'Map Title' field and 'OK' and 'CANCEL' buttons.

819301 | PER CAPITA INCOME IN THE PAST 12 MONTHS (IN 2012 INFLATION-ADJUSTED DOLLARS)  
Universe: Total population ⓘ  
2008-2012 American Community Survey 5-Year Estimates

Table View | Map View | BACK TO ADVANCED SEARCH

Actions: Bookmark | Print | **Download** | Show Statistical Significance | Create a D

Thematic Map of Estimate: Per capita income in the past 12 months (in 2012 inflation-adjusted Geography: by County Subdivision

View Table Notes

**Legend**

**Data Classes**  
Persons  
17161 - 21342  
20857 - 33570  
39972 - 50531  
59196 - 68122  
76174 - 90248

**Boundaries**  
State  
12 County

**Features**  
Major Road  
Street  
Stream/Waterbody  
Items in grey text are not visible at this zoom level

Modify the map using the options below:  
Colors and Data Classes  
Boundaries and Features  
Find a Location  
Map Markers

Source: U.S. Census Bureau, 2008-2012 American Community Survey

**Download**

Select a download format and click OK. ⓘ

**Comma delimited (.csv) format (data rows only)**  
(.csv is compatible with spreadsheet programs such as Microsoft Excel)

☐ Data and annotations in a single file  
☐ Data and annotations in separate files  
☒ Include descriptive data element names

**Presentation-ready formats**

☐ PDF  
☐ JPEG image (.jpg)  
☐ Microsoft Excel (.xls)  
☐ Rich Text Format (.rtf)

Orientation  
☒ Portrait ☐ Landscape

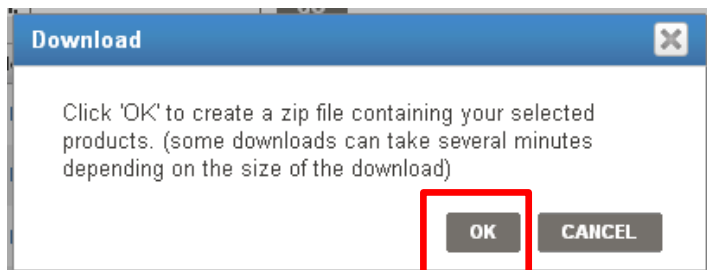
Paper size  
☒ 8 1/2" x 11"  
☐ 8 1/2" x 14"

Map Title:

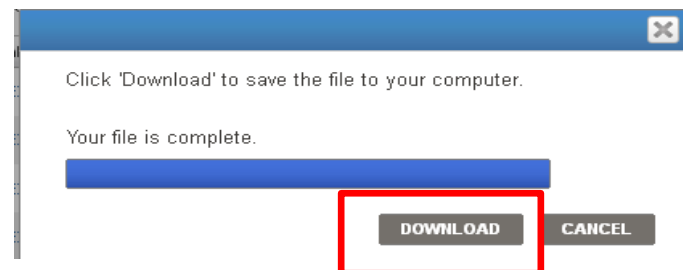
**Spatial Data formats**  
☒ Shapefiles (.zip)  
(includes the data used to create the map in .csv format)

[PDF] or Indicate a document in Adobe's Portable Document Format. To view the file you will need the Adobe® Acrobat® Reader available free from Adobe.

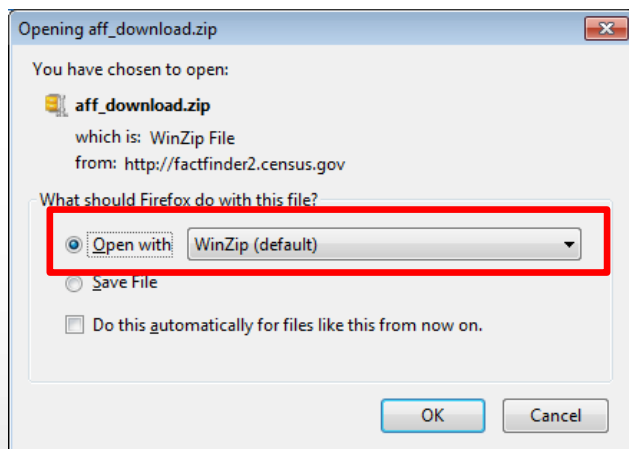
OK CANCEL



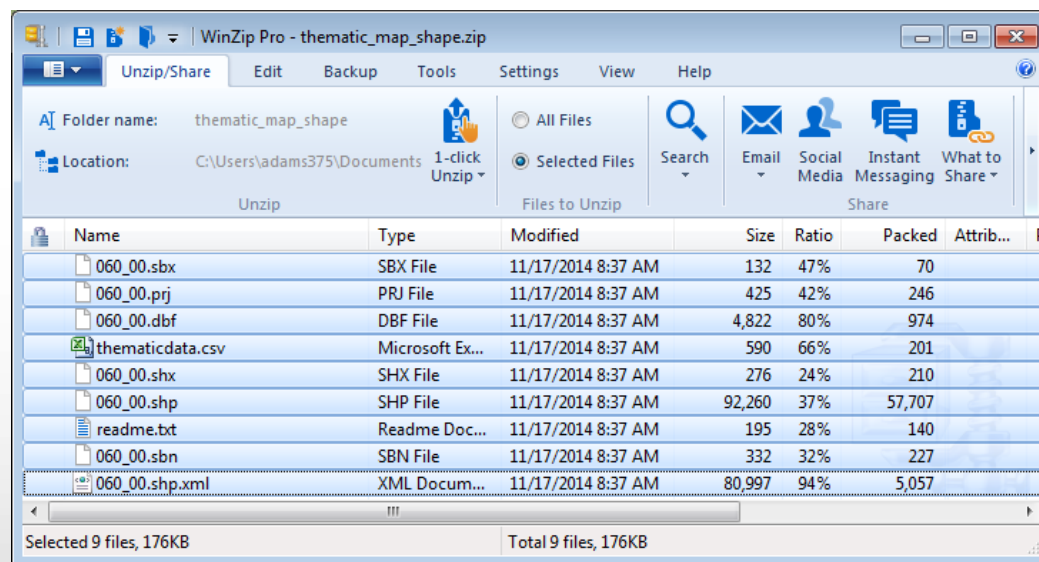
- Click **OK**.



- Click **Download**.



- Open with **WinZip**



Select All & Drag & Drop Into Local Folder

# Open In ArcMap

Join lets you append additional data to this layer's attribute table so you can, for example, symbolize the layer's features using this data.

What do you want to join to this layer?

Join attributes from a table

1. Choose the field in this layer that the join will be based on:

GEO\_ID

2. Choose the table to join to this layer, or load the table from disk:

Show the attribute tables of layers in this list

3. Choose the field in the table to base the join on:

Join Options

☒ Keep all records

All records in the target table are shown in the resulting table. Unmatched records will contain null values for all fields being appended into the target table from the join table.

☐ Keep only matching records

If a record in the target table doesn't have a match in the join table, that record is removed from the resulting target table.

Validate Join

OK Cancel

About joining data

Table

060\_00

FID	Shape *	GEO_ID	AREA	SHA
0	Polygon	0600000US3401304695	34	013
1	Polygon	0600000US3401306260	34	013
2	Polygon	0600000US3401309250	34	013
3	Polygon	0600000US3401311200	34	013

1 (0 out of 22 Selected)

060\_00

Name: thematicdata.csv

Show of type: Tables and feature classes

Add Cancel

Location: 060\_00.shp

- FolderRedir
- hddbkup
- My Music
- My Pictures
- My Videos
- Notes
- Oracle
- SecretAgent
- shapefiles
- SmartArt Graphics
- Snagit
- Templates
- Web Data
- WINDOWS
- WorkSpace
- 2020QC
- AFF
- ALMI
- ASE
- Conflation\_Review
- Congressional
- DataReleases
- Downloaded\_tables
- DRP
- Econ
- MTAIP
- PDB
- PowerPoints
- State&County
- SDC\_Letters
- shapefiles
- 060\_00.shp
- readme.txt
- thematicdata.csv
- tl\_2010\_34013\_tract10
- Essex.mxd
- EssexChildren.xlsx
- EssexCountyMOD4.dbf
- EssexCountyParcels.shp

-8289369.051 4992061.023 Meters

# Join In ArcMap

Join lets you append additional data to this layer's attribute table so you can, for example, symbolize the layer's features using this data.

What do you want to join to this layer?

Join attributes from a table

1. Choose the field in this layer that the join will be based on:

GEO\_ID

2. Choose the table to join to this layer, or load the table from disk:

thematicdata.csv

☒ Show the attribute tables of layers in this list

3. Choose the field in the table to base the join on:

GEO\_ID

☒ Keep all records

All records in the target table are shown in the resulting table. Unmatched records will contain null values for all fields being appended into the target table from the join table.

☐ Keep only matching records

If a record in the target table doesn't have a match in the join table, that record is removed from the resulting target table.

Validate Join

OK Cancel

About joining data

Table

060\_00

FID	Shape *	GI
0	Polygon	06000000US3401304895
1	Polygon	06000000US3401306260
2	Polygon	06000000US3401309250
3	Polygon	06000000US3401311200

060\_00

0 out of 22 Selected

SHAPE\_AREA SHAPE\_LEN

SHAPE_AREA	SHAPE_LEN
15377545.0101	20011.162293
24124809.8186	29496.248582
5286348.52626	11748.091279
19836928.174	21933.654461

-8291448.756 4993516.817 Meters

# Categorize by 'DATA\_VALUE'

Untitled - ArcMap

File Edit View Bookmarks Insert Selection Geoprocessing Customize Windows Help

Editor

1:196,507

100%

Table Of Contents

Layers

- DATA\_VALUE
  - 17161 - 25000
  - 25001 - 50000
  - 50001 - 75000
  - 75001 - 90248

Layer Properties

General Source Selection Display Symbology Fields Definition Query Labels Joins & Relates Time HTML Popup

Show:

Features

Categories

Quantities

Graduated colors

Graduated symbols

Proportional symbols

Dot density

Charts

Multiple Attributes

Draw quantities using color to show values.

Field: DATA\_VALUE

Normalization: none

Classification

Manual

Classes: 4

Classify...

Color Ramp:

Symbol	Range	Label
	17161 - 25000	17161 - 25000
	25001 - 50000	25001 - 50000
	50001 - 75000	50001 - 75000
	75001 - 90248	75001 - 90248

Show class ranges using feature values

Advanced

OK Cancel Apply

Table

060\_00

COUNTY	COUSUB	NAME	LSAD	SHAPE_AREA	SHAPE_LEN	GEO_ID	DATA_VALUE
013	04695	Belleville	twp	15377545.0101	20011.162293	06000000US3401304695	28857
013	06260	Bloomfield	twp	24124809.8186	29496.248582	06000000US3401306260	33570
013	06250	Calverton	hwn	5288348.52828	11748.061270	06000000US3401306250	42005

(0 out of 22 Selected)

060\_00

PowerPoints

State&County

SDC\_Letters

shapefiles

- 060\_00.shp
- readme.txt
- thematicdata.csv
- tl\_2010\_34013\_tract10

Essex.mxd

EssexChildren.xlsx

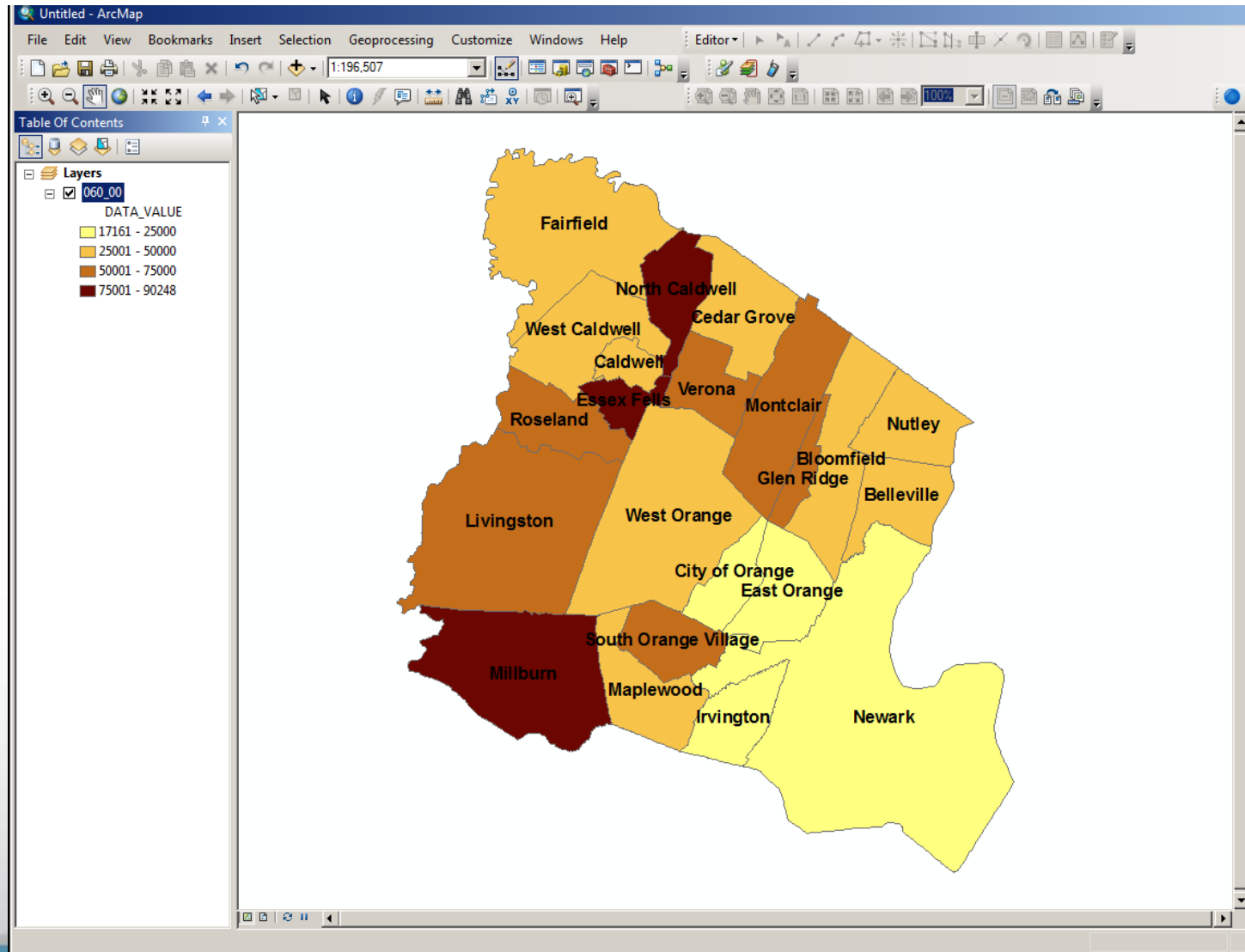
EssexCountyMOD4.dbf

EssexCountyParalel.shp

-8278138.643 4988681.502 Meters



# Categorized With Labels



# To Select Tracts Along a Rivershed

MAIN COMMUNITY FACTS GUIDED SEARCH **ADVANCED SEARCH** DOWNLOAD CENTER

**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 Geographies**

List	Name	Address	Map
------	------	---------	-----

**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, ...)

**Select Geographies**

Select

State

from the map using one of the following selection tools:

**Legend**

- Boundaries**
  - State
  - 13 County
- Features**
  - Major Road
  - Street
  - Stream/Waterbody

Items in grey text are not visible at this zoom level

Modify the map using the options below:

**Boundaries and Features**

**Find a Location**

Find by

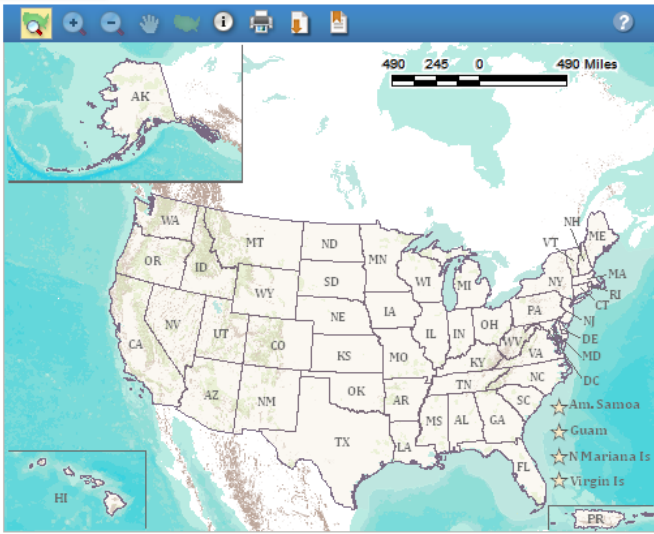
place name

Search for a geographic area:

Paterson, NJ **GO**

Search results for Paterson, NJ:

- 5-Digit ZIP Code
- Place within State
  - Paterson city, New Jersey
  - West Paterson borough, New Jersey
- Estimates Universe Place
- Economic Place



# To Select Tracts Along a Rivershed

**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:**

Select Geographies Enter search terms and an optional geography and click GO

**Select Geographies**

Select

Census Tract

from the map using one of the following selection tools:

**Legend**

**Boundaries**

☐ State

☐ '13 County

**Features**

Major Road

Street

Stream/Waterbody

Items in grey text are not visible at this zoom level

Modify the map using the options below:

**Boundaries and Features**

**Find a Location**

**Map Markers**

**Display Boundaries and Features from 2013**

**Boundaries** **Features**

Boundary	Label	Name
<input type="checkbox"/>	<input type="checkbox"/>	Region
<input type="checkbox"/>	<input type="checkbox"/>	Division
<input type="checkbox"/>	<input type="checkbox"/>	2013 County Subdivision
<input type="checkbox"/>	<input type="checkbox"/>	2013 Subbarrio
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	2013 Census Tract
<input type="checkbox"/>	<input type="checkbox"/>	2013 Block Group
<input type="checkbox"/>	<input type="checkbox"/>	2013 Place
<input type="checkbox"/>	<input type="checkbox"/>	2013 Consolidated City
<input type="checkbox"/>	<input type="checkbox"/>	2013 Alaska Native Regional Corporation
<input type="checkbox"/>	<input type="checkbox"/>	2013 American Indian Area/Alaska Native Area/Hawaiian Home Land
<input type="checkbox"/>	<input type="checkbox"/>	2013 Tribal Subdivision
<input type="checkbox"/>	<input type="checkbox"/>	2013 American Indian Area Off-Reservation Trust Lands/Hawaiian Home Land
<input type="checkbox"/>	<input type="checkbox"/>	2013 Tribal Census Tract
<input type="checkbox"/>	<input type="checkbox"/>	2013 Core Based Statistical Area
<input type="checkbox"/>	<input type="checkbox"/>	2013 Principal City of CBSA
<input type="checkbox"/>	<input type="checkbox"/>	2013 Metropolitan Division
<input type="checkbox"/>	<input type="checkbox"/>	2013 Combined Statistical Area
<input type="checkbox"/>	<input type="checkbox"/>	2013 Combined New England City and Town Area
<input type="checkbox"/>	<input type="checkbox"/>	2013 New England City and Town Area
<input type="checkbox"/>	<input type="checkbox"/>	2013 NECTA Division
<input type="checkbox"/>	<input type="checkbox"/>	2013 Urban Area

# To Select Tracts Along a Rivershed

The screenshot shows the American FactFinder web application in a Firefox browser window. The address bar displays the URL: [factfinder2.census.gov/faces/nav/jsf/pages/searchresults.xhtml?refresh=t](http://factfinder2.census.gov/faces/nav/jsf/pages/searchresults.xhtml?refresh=t). The main heading is "Search - Use the options on the left (topics, geographies, ...) to narrow your search results". Below this, there is a section titled "Your Selections" which states "Your Selections' is empty".

On the left side, there are several search filters: "Topics (age, income, year, dataset, ...)", "Geographies (states, counties, places, ...)", "Race and Ethnic Groups (race, ancestry, tribe)", "Industry Codes (NAICS industry, ...)", and "EEO Occupation Codes (executives, analysts, ...)".

The "Select Geographies" dialog box is open, showing a list of geographies. The "Census Tract" option is selected in the dropdown menu. Below the dropdown, there is a map showing a rivershed area. The map includes a scale bar (0.8 Miles) and a legend. The legend indicates that the map shows "Boundaries" (State, '13 County, '13 Census Tract) and "Features" (Major Road, Street, Stream/Waterbody). The map also shows "Items in grey text are not visible at this zoom level".

The map displays a rivershed area with various census tracts outlined in red. The tracts are labeled with numbers such as 1803, 1806, 1807, 1808, 1810, 1811, 1812, 1813, 1814, 1815, 1816, 1817, 1818, 1819, 1820, 1821, 1822, 1823, 1824, 1825, 1826, 1827, 1828, 1829, 1830, 1831, 1832, 1833, 1834, 1835, 1836, 1837, 1838, 1839, 1840, 1841, 1842, 1843, 1844, 1845, 1846, 1847, 1848, 1849, 1850, 1851, 1852, 1853, 1854, 1855, 1856, 1857, 1858, 1859, 1860, 1861, 1862, 1863, 1864, 1865, 1866, 1867, 1868, 1869, 1870, 1871, 1872, 1873, 1874, 1875, 1876, 1877, 1878, 1879, 1880, 1881, 1882, 1883, 1884, 1885, 1886, 1887, 1888, 1889, 1890, 1891, 1892, 1893, 1894, 1895, 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904, 1905, 1906, 1907, 1908, 1909, 1910, 1911, 1912, 1913, 1914, 1915, 1916, 1917, 1918, 1919, 1920, 1921, 1922, 1923, 1924, 1925, 1926, 1927, 1928, 1929, 1930, 1931, 1932, 1933, 1934, 1935, 1936, 1937, 1938, 1939, 1940, 1941, 1942, 1943, 1944, 1945, 1946, 1947, 1948, 1949, 1950, 1951, 1952, 1953, 1954, 1955, 1956, 1957, 1958, 1959, 1960, 1961, 1962, 1963, 1964, 1965, 1966, 1967, 1968, 1969, 1970, 1971, 1972, 1973, 1974, 1975, 1976, 1977, 1978, 1979, 1980, 1981, 1982, 1983, 1984, 1985, 1986, 1987, 1988, 1989, 1990, 1991, 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 2680, 2681, 2682, 2683, 2684, 2685, 2686, 2687, 2688, 2689, 2690, 2691, 2692, 2693, 2694, 2695, 2696, 2697, 2698, 2699, 2700, 2701, 2702, 2703, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2711, 2712, 2713, 2714, 2715, 2716, 2717, 2718, 2719, 2720, 2721, 2722, 2723, 2724, 2725, 2726, 2727, 2728, 2729, 2730, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2739, 2740, 2741, 2742, 2743, 2744, 2745, 2746, 2747, 2748, 2749, 2750, 2751, 2752, 2753, 2754, 2755, 2756, 2757, 2758, 2759, 2760, 2761, 2762, 2763, 2764, 2765, 2766, 2767, 2768, 2769, 2770, 2771, 2772, 2773, 2774, 2775, 2776, 2777, 2778, 2779, 2780, 2781, 2782, 2783, 2784, 2785, 2786, 2787, 2788, 2789, 2790, 2791, 2792, 2793, 2794, 2795, 2796, 2797, 2798, 2799, 2800, 2801, 2802, 2803, 2804, 2805, 2806, 2807, 2808, 2809, 2810, 2811, 2812, 2813, 2814, 2815, 2816, 2817, 2818, 2819, 2820, 2821, 2822, 2823, 2824, 2825, 2826, 2827, 2828, 2829, 2830, 2831, 2832, 2833, 2834, 2835, 2836, 2837, 2838, 2839, 2840, 2841, 2842, 2843, 2844, 2845, 2846, 2847, 2848, 2849, 2850, 2851, 2852, 2853, 2854, 2855, 2856, 2857, 2858, 2859, 2860, 2861, 2862, 2863, 2864, 2865, 2866, 2867, 2868, 2869, 2870, 2871, 2872, 2873, 2874, 2875, 2876, 2877, 2878, 2879, 2880, 2881, 2882, 2883, 2884, 2885, 2886, 2887, 2888, 2889, 2890, 2891, 2892, 2893, 2894, 2895, 2896, 2897, 2898, 2899, 2900, 2901, 2902, 2903, 2904, 2905, 2906, 2907, 2908, 2909, 2910, 2911, 2912, 2913, 2914, 2915, 2916, 2917, 2918, 2919, 2920, 2921, 2922, 2923, 2924, 2925, 2926, 2927, 2928, 2929, 2930, 2931, 2932, 2933, 2934, 2935, 2936, 2937, 2938, 2939, 2940, 2941, 2942, 2943, 2944, 2945, 2946, 2947, 2948, 2949, 2950, 2951, 2952, 2953, 2954, 2955, 2956, 2957, 2958, 2959, 2960, 2961, 2962, 2963, 2964, 2965, 2966, 2967, 2968, 2969, 2970, 2971, 2972, 2973, 2974, 2975, 2976, 2977, 2978, 2979, 2980, 2981, 2982, 2983, 2984, 2985, 2986, 2987, 2988, 2989, 2990, 2991, 2992, 2993, 2994, 2995, 2996, 2997, 2998, 2999, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 3008, 3009, 3010, 3011, 3012, 3013, 3014, 3015, 3016, 3017, 3018, 3019, 3020, 3021, 3022, 3023, 3024, 3025, 3026, 3027, 3028, 3029, 3030, 3031, 3032, 3033, 3034, 3035, 3036, 3037, 3038, 3039, 3040, 3041, 3042, 3043, 3044, 3045, 3046, 3047, 3048, 3049, 3050, 3051, 3052, 3053, 3054, 3055, 3056, 3057, 3058, 3059, 3060, 3061, 3062, 3063, 3064, 3065, 3066, 3067, 3068, 3069, 3070, 3071, 3072, 3073, 3074, 3075, 3076, 3077, 3078, 3079, 3080, 3081, 3082, 3083, 3084, 3085, 3086, 3087, 3088, 3089, 3090, 3091, 3092, 3093, 3094, 3095, 3096, 3097, 3098, 3099, 3100, 3101, 3102, 3103, 3104, 3105, 3106, 3107, 3108, 3109, 3110, 3111, 3112, 3113, 3114, 3115, 3116, 3117, 3118, 3119, 3120, 3121, 3122, 3123, 3124, 3125, 3126, 3127, 3128, 3129, 3130, 3131, 3132, 3133, 3134, 3135, 3136, 3137, 3138, 3139, 3140, 3141, 3142, 3143, 3144, 3145, 3146, 3147, 3148, 3149, 3150, 3151, 3152, 3153, 3154, 3155, 3156, 3157, 3158, 3159, 3160, 3161, 3162, 3163, 3164, 3165, 3166, 3167, 3168, 3169, 3170, 3171, 3172, 3173, 3174, 3175, 3176, 3177, 3178, 3179, 3180, 3181, 3182, 3183, 3184, 3185, 3186, 3187, 3188, 3189, 3190, 3191, 3192, 3193, 3194, 3195, 3196, 3197, 3198, 3199, 3200, 3201, 3202, 3203, 3204, 3205, 3206, 3207, 3208, 3209, 3210, 3211, 3212, 3213, 3214, 3215, 3216, 3217, 3218, 3219, 3220, 3221, 3222, 3223, 3224, 3225, 3226, 3227, 3228, 3229, 3230, 3231, 3232, 3233, 3234, 3235, 3236, 3237, 3238, 3239, 3240, 3241, 3242, 3243, 3244, 3245, 3246, 3247, 3248, 3249, 3250, 3251, 3252, 3253, 3254, 3255, 3256, 3257, 3258, 3259, 3260, 3261, 3262, 3263, 3264, 3265, 3266, 3267, 3268, 3269, 3270, 3271, 3272, 3273, 3274, 3275, 3276, 3277, 3278, 3279, 3280, 3281, 3282, 3283, 3284, 3285, 3286, 3287, 3288, 3289, 3290, 3291, 3292, 3293, 3294, 3295, 3296, 3297, 3298, 3299, 3300, 3301, 3302, 3303, 3304, 3305, 3306, 3307, 3308, 3309, 3310, 3311, 3312, 3313, 3314, 3315, 3316, 3317, 3318, 3319, 3320, 3321, 3322, 3323, 3324, 3325, 3326, 3327, 3328, 3329, 3330, 3331, 3332, 3333, 3334, 3335, 3336, 3337, 3338, 3339, 3340, 3341, 3342, 3343, 3344, 3345, 3346, 3347, 3348, 3349, 3350, 3351, 3352, 3353, 3354, 3355, 3356, 3357, 3358, 3359, 3360, 3361, 3362, 3363, 3364, 3365, 3366, 3367, 3368, 3369, 3370, 3371, 3372, 3373, 3374, 3375, 3376, 3377, 3378, 3379, 3380, 3381, 3382, 3383, 3384, 3385, 3386, 3387, 3388, 3389, 3390, 3391, 3392, 3393, 3394, 3395, 3396, 3397, 3398, 3399, 3400, 3401, 3402, 3403, 3404, 3405, 3406, 3407, 3408, 3409, 3410, 3411, 3412, 3413, 3414, 3415, 3416, 3417, 3418, 3419, 3420, 3421, 3422, 3423, 3424, 3425, 3426, 3427, 3428, 3429, 3430, 3431, 3432, 3433, 3434, 3435, 3436, 3437, 3438, 3439, 3440, 3441, 3442, 3443, 3444, 3445, 3446, 3447, 3448, 3449, 3450, 3451, 3452, 3453, 3454, 3455, 3456, 3457, 3458, 3459, 3460, 3461, 3462, 3463, 3464, 3465, 3466, 3467, 3468, 3469, 3470, 3471, 3472, 3473, 3474, 3475, 3476, 3477, 3478, 3479, 3480, 3481, 3482, 3483, 3484, 3485, 3486, 3487, 3488, 3489, 3490, 3491, 3492, 3493, 3494, 3495, 3496, 3497, 3498, 3499, 3500, 3501, 3502, 3503, 3504, 3505, 3506, 3507, 3508, 3509, 3510, 3511, 3512, 3513, 3514, 3515, 3516, 3517, 3518, 3519, 3520, 3521, 3522, 3523, 3524, 3525, 3526, 3527, 3528, 3529, 3530, 3531, 3532, 3533, 3534, 3535, 3536, 3537, 3538, 3539, 3540, 3541, 3542, 3543, 3544, 3545, 3546, 3547, 3548, 3549, 3550, 3551, 3552, 3553, 3554, 3555, 3556, 3557, 3558, 3559, 3560, 3561, 3562, 3563, 3564, 3565, 3566, 3567, 3568, 3569, 3570, 3571, 3572, 3573, 3574, 3575, 3576, 3577, 3578, 3579, 3580, 3581, 3582, 3583, 3584, 3585, 3586, 3587, 3588, 3589, 3590, 3591, 3592, 3593, 3594, 3595, 3596, 3597, 3598, 3599, 3600, 3601, 3602, 3603, 3604, 3605, 3606, 3607, 3608, 3609, 3610, 3611, 3612, 3613, 3614, 3615, 3616, 3617, 3618, 3619, 3620, 3621, 3622, 3623, 3624, 3625, 3626, 3627, 3628, 3629, 3630, 3631, 3632, 3633, 3634, 3635, 3636, 3637, 3638, 3639, 3640, 3641, 3642, 3643, 3644, 3645, 3646, 3647, 3648, 3649, 3650, 3651, 3652, 3653, 3654, 3655, 3656, 3657, 3658, 3659, 3660, 3661, 3662, 3663, 3664, 3665, 3666, 3667, 3668, 3669, 3670, 3671, 3672, 3673, 3674, 3675, 3676, 3677, 3678, 3679, 3680, 3681, 3682, 3683, 3684, 3685, 3686, 3687, 3688, 3689, 3690, 3691, 3692, 3693, 3694, 3695, 3696, 3697, 3698, 3699, 3700, 3701, 3702, 3703, 3704, 3705, 3706, 3707, 3708, 3709, 3710, 3711, 3712, 3713, 3714, 3715, 3716, 3717, 3718, 3719, 3720, 3721, 3722, 3723, 3724, 3725, 3726, 3727, 3728, 3729, 3730, 3731, 3732, 3733, 3734, 3735, 3736, 3737, 3738, 3739, 3740, 3741, 3742, 3743, 3744, 3745, 3746, 3747, 3748, 3749, 3750, 3751, 3752, 3753, 3754, 3755, 3756, 3757, 3758, 3759, 3760, 3761, 3762, 3763, 3764, 3765, 3766, 3767, 3768, 3769, 3770, 3771, 3772, 3773, 3774, 3775, 3776, 3777, 3778, 3779, 3780, 3781, 3782, 3783, 3784, 3785, 3786, 3787, 3788, 3789, 3790, 379

# To Select Tracts Along a Rivershed

Firefox

American FactFinder - Search

factfinder2.census.gov/faces/nav/jsf/pages/searchresults.xhtml?refresh=t

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 Geographies

List Name Address Map

Select Geographies

Select

Census Tract

from the map using one of the following selection tools:

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, ...)

Census Tract 172, Bergen County, New Jersey

Census Tract 2036, Passaic County, New Jersey

Census Tract 2642, Passaic County, New Jersey

Census Tract 173, Bergen County, New Jersey

Census Tract 1434, Passaic County, New Jersey

Census Tract 111, Bergen County, New Jersey

Census Tract 1810, Passaic County, New Jersey

Census Tract 1832, Passaic County, New Jersey

Census Tract 112, Bergen County, New Jersey

Census Tract 1811, Passaic County, New Jersey

Census Tract 113, Bergen County, New Jersey

Census Tract 1825, Passaic County, New Jersey

Census Tract 1815, Passaic County, New Jersey

Census Tract 1826, Passaic County, New Jersey

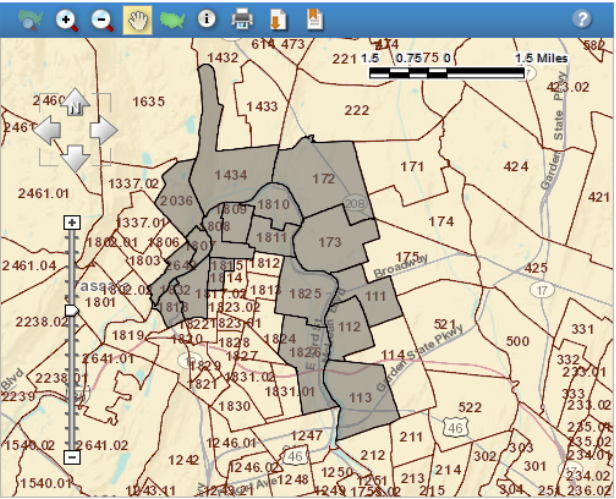
Census Tract 1807, Passaic County, New Jersey

Census Tract 1818, Passaic County, New Jersey

Census Tract 1808, Passaic County, New Jersey

Census Tract 1809, Passaic County, New Jersey

ADD TO YOUR SELECTIONS





# The Selected Census Tracts

Select Geographies

List Name Address Map

Select Geographies

Select

Census Tract

from the map using one of the following selection tools:

Legend

Boundaries

- State
- '13 County
- '13 Census Tract

Features

- Major Road
- Street
- Stream/Waterbody

undefined

- Your Selections

Items in grey text are not visible at this zoom level

Modify the map using the options below:

Boundaries and Features

Find a Location

Map Markers

## To Select for Children Under 18

[illegible]

# To Select for Children Under 18

Firefox  
American FactFinder - Search  
factfinder2.census.gov/faces/nav/jsf/pages/searchresults.xhtml?refresh=t

Search Results: 1-25 of 322 tables and other products match 'Your Selections' per page: 25

Refine your search results: topic or table name state, county or place (optional) GO ?

☒ topics ☐ race/ancestry ☐ industries ☐ occupations

Selected: View Download Compare Clear All ?

Show results from: All available years

ID	Table, File or Document Title	Dataset	About
DP03	SELECTED ECONOMIC CHARACTERISTICS	2012 ACS 5-year estimates	?
DP05	ACS DEMOGRAPHIC AND HOUSING ESTIMATES	2012 ACS 5-year estimates	?
S1002	GRANDPARENTS	2012 ACS 5-year estimates	?
S1101	HOUSEHOLDS AND FAMILIES	2012 ACS 5-year estimates	?
B05009	AGE AND NATIVITY OF OWN CHILDREN UNDER 18 YEARS IN FAMILIES AND SUBFAMILIES BY NUMBER AND NATIVITY OF PARENTS	2012 ACS 5-year estimates	?
B05010	RATIO OF INCOME TO POVERTY LEVEL IN THE PAST 12 MONTHS BY NATIVITY OF CHILDREN UNDER 18 YEARS IN FAMILIES AND SUBFAMILIES BY LIVING ARRANGEMENTS AND NATIVITY OF PARENTS	2012 ACS 5-year estimates	?
B09001	POPULATION UNDER 18 YEARS BY AGE	2012 ACS 5-year estimates	?
B09002	OWN CHILDREN UNDER 18 YEARS BY FAMILY TYPE AND AGE	2012 ACS 5-year estimates	?
B09005	HOUSEHOLD TYPE FOR CHILDREN UNDER 18 YEARS IN HOUSEHOLDS (EXCLUDING HOUSEHOLDERS, SPOUSES, AND UNMARRIED PARTNERS)	2012 ACS 5-year estimates	?
B09008	PRESENCE OF UNMARRIED PARTNER OF HOUSEHOLDER BY HOUSEHOLD TYPE FOR CHILDREN UNDER 18 YEARS IN HOUSEHOLDS	2012 ACS 5-year estimates	?
B09010	RECEIPT OF SUPPLEMENTAL SECURITY INCOME (SSI), CASH PUBLIC ASSISTANCE INCOME, OR FOOD STAMPS/SNAP IN THE PAST 12 MONTHS BY HOUSEHOLD TYPE FOR CHILDREN UNDER 18 YEARS IN HOUSEHOLDS	2012 ACS 5-year estimates	?
B09018	RELATIONSHIP TO HOUSEHOLDER FOR CHILDREN UNDER 18 YEARS IN HOUSEHOLDS	2012 ACS 5-year estimates	?
B10001	GRANDCHILDREN UNDER 18 YEARS LIVING WITH A GRANDPARENT HOUSEHOLDER BY AGE OF GRANDCHILD	2012 ACS 5-year estimates	?
B10002	GRANDCHILDREN UNDER 18 YEARS LIVING WITH A GRANDPARENT HOUSEHOLDER BY GRANDPARENT RESPONSIBILITY AND PRESENCE OF PARENT	2012 ACS 5-year estimates	?
B10010	MEDIAN FAMILY INCOME FOR FAMILIES WITH GRANDPARENT HOUSEHOLDERS AND/OR SPOUSES LIVING WITH OWN GRANDCHILDREN UNDER 18 YEARS BY RESPONSIBILITY FOR OWN GRANDCHILDREN AND PRESENCE OF PARENT OF GRANDCHILDREN	2012 ACS 5-year estimates	?
B10050	GRANDPARENTS LIVING WITH OWN GRANDCHILDREN UNDER 18 YEARS BY RESPONSIBILITY FOR OWN GRANDCHILDREN BY LENGTH OF TIME RESPONSIBLE FOR OWN GRANDCHILDREN FOR THE POPULATION 30 YEARS AND OVER	2012 ACS 5-year estimates	?
B10051	GRANDPARENTS LIVING WITH OWN GRANDCHILDREN UNDER 18 YEARS BY RESPONSIBILITY FOR OWN GRANDCHILDREN BY PRESENCE OF PARENT OF GRANDCHILDREN AND AGE OF GRANDPARENT	2012 ACS 5-year estimates	?
B10051A	GRANDPARENTS LIVING WITH OWN GRANDCHILDREN UNDER 18 YEARS BY RESPONSIBILITY FOR OWN GRANDCHILDREN AND AGE OF GRANDPARENT (WHITE ALONE)	2012 ACS 5-year estimates	?

Your Selections

Search using...  
People: Age Group:  
Children  
Census Tract  
64 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, ...)

# Create A Map of the Selection

Firefox

American FactFinder - Results

factfinder2.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=ACS\_12\_5YR\_B09001&prodType=table

Census Bureau

MAIN | COMMUNITY FACTS | GUIDED SEARCH | ADVANCED SEARCH | DOWNLOAD CENTER

**Advanced Search - Search all data in American FactFinder**

1 Advanced Search 2 Table Viewer

Result 1 of 1 VIEW ALL AS PDF

B09001 POPULATION UNDER 18 YEARS BY AGE  
Universe: Population under 18 years  
2008-2012 American Community Survey 5-Year Estimates

Table View

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

Click on a data value in the table to map.

View Geography Notes | View Table Notes

Although the American Community Survey (ACS) produces population, demographic and housing unit estimates, it is the Census Bureau's Population Estimates Program that produces and disseminates the official estimates of the population for the nation, states, counties, cities and towns and estimates of housing units for states and counties.

<< 1 - 18 of 128 >>

	Census Tract 111, Bergen County, New Jersey		Census Tract 112, Bergen County, New Jersey		Census Tract 113, Bergen County, New Jersey		Census Tract 120.02, Bergen County, New Jersey		Census Tract 172, Bergen County, New Jersey		Census Tract 173, Bergen County, New Jersey		Census Tract 212, Bergen County, New Jersey		Census Tract 216, Bergen County, New Jersey		Census Tract 312, Bergen County, New Jersey	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
Total:	931	+/-164	1,025	+/-317	967	+/-181	529	+/-124	1,188	+/-152	1,611	+/-219	1,345	+/-206	1,429	+/-255	1,022	+/-211
In households:	931	+/-164	1,025	+/-317	967	+/-181	529	+/-124	1,188	+/-152	1,611	+/-219	1,345	+/-206	1,429	+/-255	1,022	+/-211
Under 3 years	194	+/-103	172	+/-85	192	+/-86	218	+/-90	276	+/-126	193	+/-114	211	+/-74	241	+/-86	292	+/-126
3 and 4 years	103	+/-67	105	+/-73	127	+/-75	50	+/-48	102	+/-56	160	+/-92	213	+/-107	195	+/-87	120	+/-55
5 years	72	+/-47	137	+/-73	14	+/-19	0	+/-12	76	+/-60	68	+/-73	42	+/-34	121	+/-82	21	+/-30
6 to 8 years	177	+/-86	63	+/-45	240	+/-108	94	+/-73	98	+/-67	170	+/-83	231	+/-87	191	+/-88	93	+/-71
9 to 11 years	76	+/-53	185	+/-74	111	+/-78	18	+/-29	219	+/-97	343	+/-104	87	+/-69	299	+/-95	118	+/-76
12 to 14 years	200	+/-97	184	+/-117	150	+/-85	96	+/-64	186	+/-83	318	+/-100	292	+/-78	159	+/-66	113	+/-63
15 to 17 years	109	+/-67	179	+/-71	133	+/-57	53	+/-47	231	+/-95	359	+/-115	269	+/-116	223	+/-85	265	+/-135
In group quarters	0	+/-12	0	+/-12	0	+/-12	0	+/-12	0	+/-17	0	+/-17	0	+/-17	0	+/-12	0	+/-12

Source: U.S. Census Bureau, 2008-2012 American Community Survey

# Download A Shapefile

B09001 | POPULATION UNDER 18 YEARS BY AGE  
Universe: Population under 18 years ⓘ  
2008-2012 American Community Survey 5-Year Estimates

Table View | Map View

Actions: | Bookmark | Print | Download | Show Statistical Significance | Create a Different Map

Thematic Map of Estimate; Total:  
Geography: by Census Tract

View Table Notes

**Legend**

**Data Classes**  
Persons  
236 - 612  
695 - 931  
967 - 1208  
1263 - 1611  
1644 - 2288

**Boundaries**  
☐ State  
☐ '12 County

**Features**  
Major Road  
Street  
Stream/Waterbody  
Items in grey text are not visible at this zoom level

Modify the map using the options below:

Colors and Data Classes

Boundaries and Features

Find a Location

Map Markers

Source: U.S. Census Bureau, 2008-2012 American Community Survey

**Download**

Select a download format and click OK. ?

**Comma delimited (.csv) format (data rows only)**  
(.csv is compatible with spreadsheet programs such as Microsoft Excel)

☐ Data and annotations in a single file  
☐ Data and annotations in separate files  
☒ Include descriptive data element names

**Presentation-ready formats**

☐ PDF  
☐ JPEG image (.jpg)  
☐ Microsoft Excel (.xls)  
☐ Rich Text Format (.rtf)

Orientation  
☒ Portrait ☐ Landscape

Paper size  
☒ 8 1/2" x 11"  
☐ 8 1/2" x 14"

Map Title:

**Spatial Data formats**

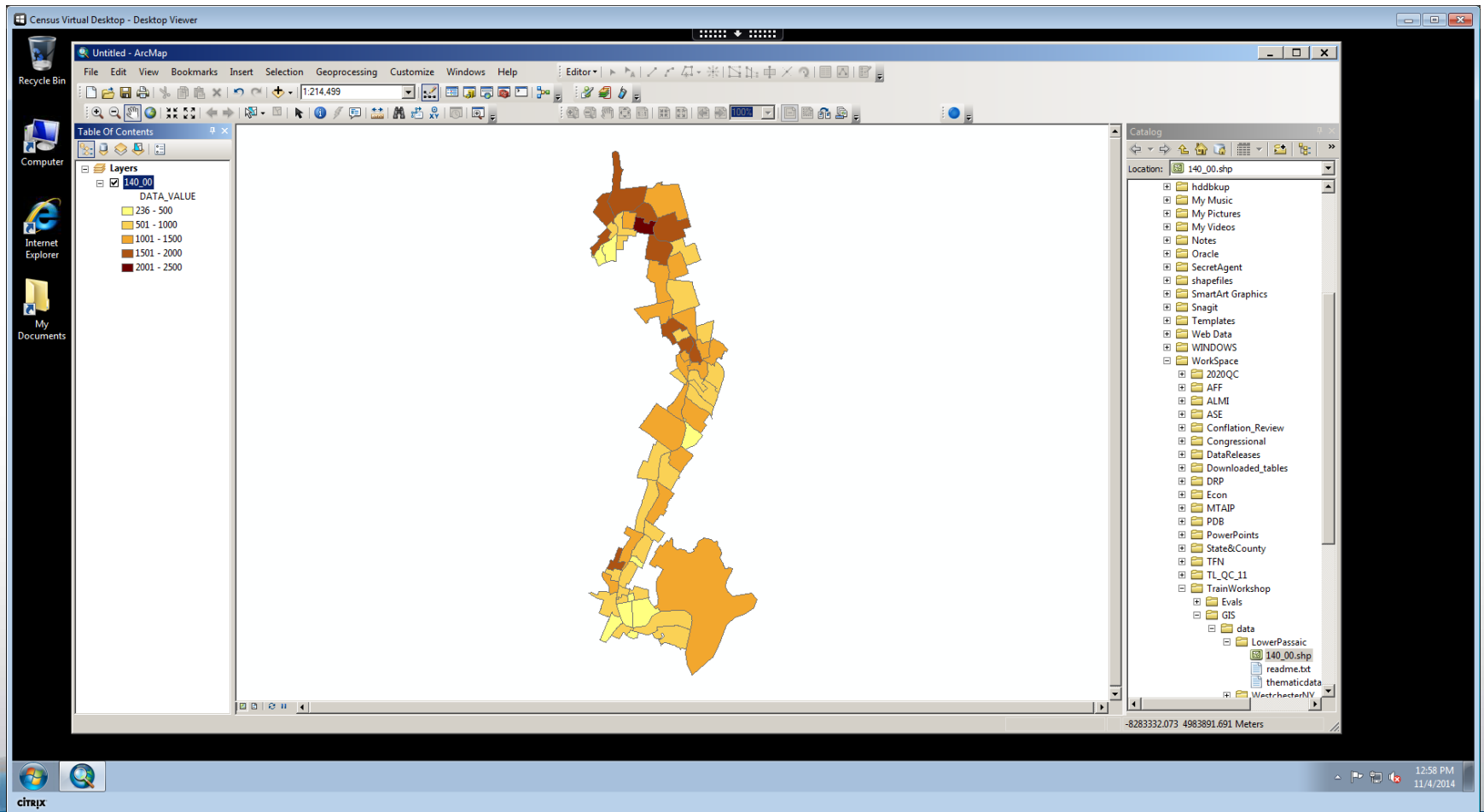
☒ Shapefiles (.zip)  
(includes the data used to create the map in .csv format)

[PDF] or indicate a document in Adobe's Portable Document Format . To view the file you will need the Adobe® Acrobat® Reader available free from Adobe.

OK CANCEL



# Census Tracts of the Lower Passaic River Valley In ArcGIS



# Downloading TIGER Shapefiles

- You will need the following to use these instructions:
  - An Internet browser – Internet Explorer or Mozilla Firefox.
  - A utility to unzip files, such as WinZip.
  - Data processing software, such as Microsoft Excel
  - Esri's ArcGIS, version 10.x
- In these instructions, we will map the 2013 median age by census tract for New Jersey.
- First, we will download the table from American FactFinder.
- Then, we will download the TIGER/Line Shapefile.
- Finally, we will join the two in ArcGIS.

U.S. Department of Commerce  
**United States Census Bureau**

**AMERICAN FactFinder**

MAIN COMMUNITY FACTS GUIDED SEARCH **ADVANCED SEARCH** DOWNLOAD CENTER

**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:

Select Topics Enter search terms and an optional geographic area and click GO

Select Topics to add to "Your Selections"

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, ...)

People  
Housing  
Business and Industry  
Governments  
Year  
Product Type  
Program  
Dataset

2013 ACS 5-year estimates (2,284)  
2013 ACS 3-year estimates (2,630)  
2013 ACS 1-year estimates (2,752)  
2013 American Housing Survey (74)  
2013 Population Estimates (50)  
2013 Annual Survey of Public Pensions (1)  
2013 Annual Survey of State Government Tax Collections (2)  
2012 ACS 5-year estimates (2,269)  
2012 ACS 3-year estimates (2,753)

2013 ACS 5-year estimates  
People: Age & Sex:  
Age

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, ...)

- First, select the 2012 dataset: Children
  - Click **Topics, Dataset**.
  - Click the **2013 ACS 5-year estimates** and AFF adds the dataset to the **Your Selections** box.
  - Within the same **Select Topics** window, click on **People** (at the top), then **Age Group**.
  - Click on **Children** and AFF adds the data to the **Your Selections** box.
  - Close the **Select Topics** window using the **Close X** button.

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

**Your Selections**

Search using...

Dataset: 2013 ACS 5-year estimates

People: Age & Sex: Age

Census Tract: All Census Tracts within New Jersey

[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, ...)

**Search Results: 1-25 of 264 tables and other products match 'Your Selections'**

**Select Geographies** [CLOSE X]

List Name Address Map

Select geographies to add to Your Selections ?

Select from: ☒ most requested geographic types ☐ all geographic types

Select a geographic type: Census Tract - 140

Select a state: New Jersey

Select a county: -- select a county --

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

All Census Tracts within New Jersey

**ADD TO YOUR SELECTIONS**

- Now select the geography: all census tracts in New Jersey
  - Click **Geographies**.
  - There are four search method options: **List** (choose between most requested geographic types or all geographic types), **Name** (contains all geographic types), **Address**, and **Map**.
    - Using the **List** search method, select **Census Tract - 140** in the dropdown.
    - Select **New Jersey** as the state, and then **All Census Tracts within New Jersey**.
    - Click **Add to Your Selections**.
    - Close the Geographies Window using the **Close X** button.

U.S. Department of Commerce

United States Census Bureau

AMERICAN FactFinder

KANSAS MISSOURI KENTUCKY VIRGINIA NORTH

Feedback FAQs Glossary Help

MAIN

COMMUNITY FACTS

GUIDED SEARCH

ADVANCED SEARCH

DOWNLOAD CENTER

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

Your Selections

Search using...

Dataset:

2013 ACS 5-year estimates

People:Age & Sex:

Age

Census Tract

All Census Tracts within New Jersey

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, ...)

Search Results: 1-25 of 175 tables and other products match 'Your Selections'

per page: 25

topic or table name

state, county or place (optional)

GO

?

Refine your search results:

topics

race/ancestry

industries

occupations

1 Selected:

View

Download

Compare

Clear All

?

Reset sort

Show results from:

All available years

ID	Table, File or Document Title	Dataset	About
DP05	ACS DEMOGRAPHIC AND HOUSING ESTIMATES	2013 ACS 5-year estimates	i
S0101	AGE AND SEX	2013 ACS 5-year estimates	i
B01001	SEX BY AGE	2013 ACS 5-year estimates	i
B01001A	SEX BY AGE (WHITE ALONE)	2013 ACS 5-year estimates	i
B01001B	SEX BY AGE (BLACK OR AFRICAN AMERICAN ALONE)	2013 ACS 5-year estimates	i
B01001C	SEX BY AGE (AMERICAN INDIAN AND ALASKA NATIVE ALONE)	2013 ACS 5-year estimates	i
B01001D	SEX BY AGE (ASIAN ALONE)	2013 ACS 5-year estimates	i
B01001E	SEX BY AGE (NATIVE HAWAIIAN AND OTHER PACIFIC ISLANDER ALONE)	2013 ACS 5-year estimates	i
B01001F	SEX BY AGE (SOME OTHER RACE ALONE)	2013 ACS 5-year estimates	i
B01001G	SEX BY AGE (TWO OR MORE RACES)	2013 ACS 5-year estimates	i
B01001H	SEX BY AGE (WHITE ALONE, NOT HISPANIC OR LATINO)	2013 ACS 5-year estimates	i
B01001I	SEX BY AGE (HISPANIC OR LATINO)	2013 ACS 5-year estimates	i
<input checked="" type="checkbox"/> B01002	MEDIAN AGE BY SEX	2013 ACS 5-year estimates	i
B01002A	MEDIAN AGE BY SEX (WHITE ALONE)	2013 ACS 5-year estimates	i
B01002B	MEDIAN AGE BY SEX (BLACK OR AFRICAN AMERICAN ALONE)	2013 ACS 5-year estimates	i

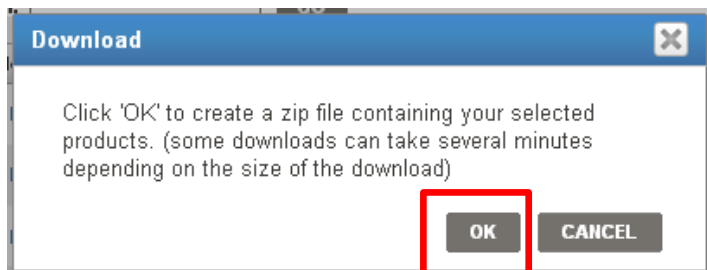
- All available data tables are shown in the **Search Results** section.
- In this example, we will view the **Median Age by Sex (B01002)** table.
  - Check the box next to **P13 Median Age by Sex** and click **Download**.

United States  
Census Bureau

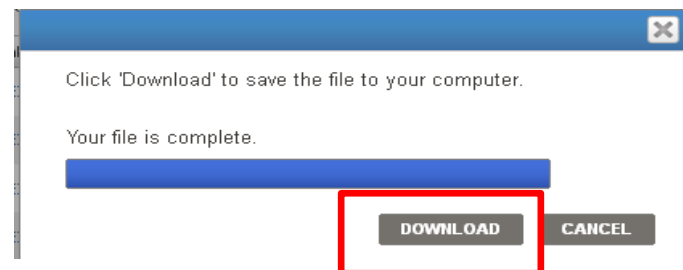
U.S. Department of Commerce  
Economics and Statistics Administration  
U.S. CENSUS BUREAU

33

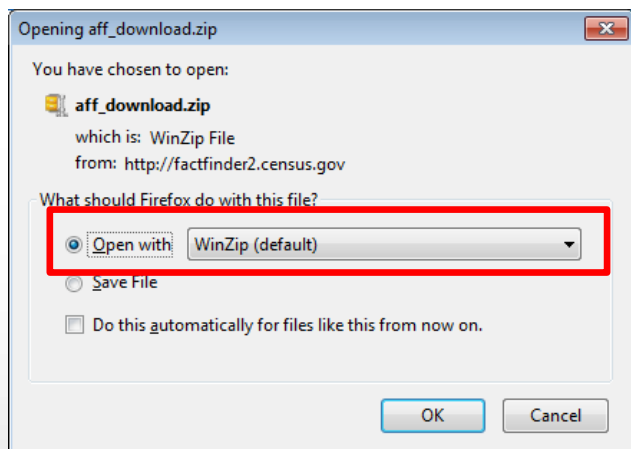




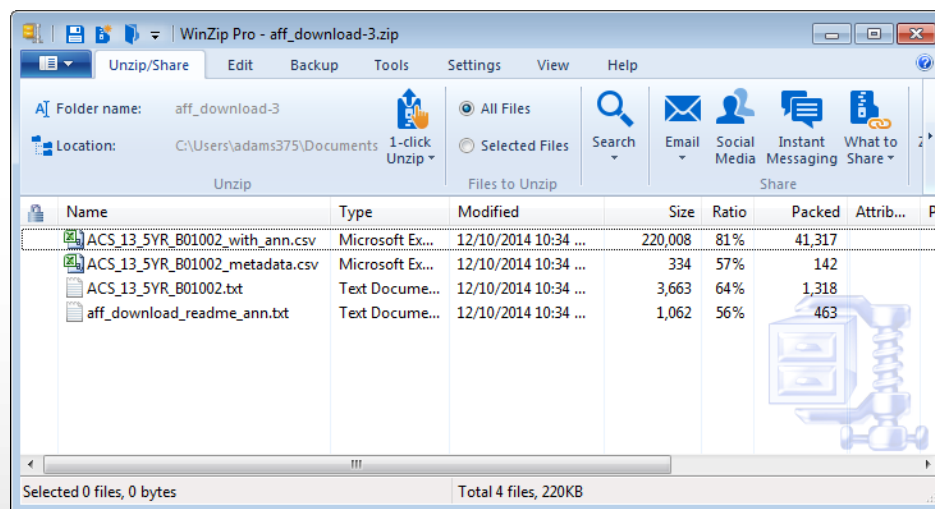
- Click **OK**.



- Click **Download**.



- Open with **WinZip**



- Save the zipped file to your computer and unzip it.

ACS\_13\_5YR\_B01002\_with\_ann - Microsoft Excel

FileHomeInsertPage LayoutFormulasDataReviewViewAcrobat

Paste

Clipboard

Calibri11

**B***I*UA<sup>A</sup>

Font

Alignment

\$

%

0.00

0.00

Number

General

Styles

Insert

Delete

Format

Cells

Σ

Sort & Filter

Find & Select

Editing

A1

f<sub>x</sub>

GEO.id

	A	B	C	D	E	F	G	H	I	J	
1	GEO.id	GEO.id2	GEO.displ	HD01	VD01	HD02	VD02	HD01	VD01	HD02	VD04
2	Id	Id2	Geograph	Estimate;	Margin of	Estimate;	Margin of	Estimate;	Margin of	Error; Medi	
3	1400000US3400100C	34001000100	Census Tr	32.2	1.9	31.1	3.6	33.3	2.8		
4	1400000US3400100C	34001000200	Census Tr	46	2.8	46.9	4.3	45.7	9.5		
5	1400000US3400100C	34001000300	Census Tr	31.2	3.1	30.4	2.8	32.4	4.3		
6	1400000US3400100C	34001000400	Census Tr	45.4	11	40.7	13	48.8	12.6		
7	1400000US3400100C	34001000500	Census Tr	29.1	4.3	26.6	3.7	30.7	3.2		
8	1400000US34001001	34001001100	Census Tr	44.2	10.1	44.7	7	38	18.7		
9	1400000US34001001	34001001200	Census Tr	37.9	5.7	30.2	6.6	42.9	4		
10	1400000US34001001	34001001300	Census Tr	35.7	10.7	30.8	12.8	42	12.4		
11	1400000US34001001	34001001400	Census Tr	23.1	3.7	17.2	5.3	28.1	2.9		
12	1400000US34001001	34001001500	Census Tr	38.5	19.7	23.1	11.7	49.1	10.6		
13	1400000US34001001	34001001900	Census Tr	37.6	6.9	38.6	3.4	31	13		
14	1400000US34001002	34001002300	Census Tr	31.6	5.6	34.7	9.5	30.8	5.8		
15	1400000US34001002	34001002400	Census Tr	35.7	9.4	44.5	13.5	32.1	5.1		
16	1400000US34001002	34001002500	Census Tr	50.7	3.1	49.8	3.6	51.9	6.1		

ACS\_13\_5YR\_B01002\_with\_ann

Ready

Count: 9100%

- Open **ACS\_13\_5YR\_B01002-with\_ann**
- Delete Row 1.
- Change the column B header from **Id2** to **GEOID**
- Change the format of the **GEOID** column from **General** to **Text** and **File - Save As - Save as type as Excel Workbook.**

NJMedianAgeBySex - Microsoft Excel

	A	B	C	D	E	F	G	H	I	J
1	Id	GEOID	Geograph	Estimate;	Margin of	Estimate;	Margin of	Estimate;	Margin of	Error; Medi
2	1400000US3400100	34001000100	Census Tr	32.2	1.9	31.1	3.6	33.3	2.8	
3	1400000US3400100	34001000200	Census Tr	46	2.8	46.9	4.3	45.7	9.5	
4	1400000US3400100	34001000300	Census Tr	31.2	3.1	30.4	2.8	32.4	4.3	
5	1400000US3400100	34001000400	Census Tr	45.4	11	40.7	13	48.8	12.6	
6	1400000US3400100	34001000500	Census Tr	29.1	4.3	26.6	3.7	30.7	3.2	
7	1400000US3400100	34001001100	Census Tr	44.2	10.1	44.7	7	38	18.7	
8	1400000US3400100	34001001200	Census Tr	37.9	5.7	30.2	6.6	42.9	4	
9	1400000US3400100	34001001300	Census Tr	35.7	10.7	30.8	12.8	42	12.4	
10	1400000US3400100	34001001400	Census Tr	23.1	3.7	17.2	5.3	28.1	2.9	
11	1400000US3400100	34001001500	Census Tr	38.5	19.7	23.1	11.7	49.1	10.6	
12	1400000US3400100	34001001900	Census Tr	37.6	6.9	38.6	3.4	31	13	
13	1400000US3400100	34001002300	Census Tr	31.6	5.6	34.7	9.5	30.8	5.8	
14	1400000US3400100	34001002400	Census Tr	35.7	9.4	44.5	13.5	32.1	5.1	
15	1400000US3400100	34001002500	Census Tr	50.7	3.1	49.8	3.6	51.9	6.1	
16	1400000US3400101	34001010101	Census Tr	52.7	2.9	50.8	3.3	54.3	2.6	

ACS\_13\_5YR\_B01002\_with\_ann

Ready Average: 34019292191 Count: 2011 Sum: 6.83788E+13 100%

- Save your work (we'll call this **NJMedianAgeBySex**) and close the **Excel Workbook**.

# TIGER/Line Shapefiles and TIGER/Line Files

- TIGER/Line products are free spatial extracts from the Census Bureau's MAF/TIGER database, containing features such as roads, railroads, rivers, as well as legal and statistical boundaries.
  - Since 2007, the files are in shapefile format.
  - They are available for download here:  
<http://www.census.gov/geo/maps-data/data/tiger-line.html>

# Downloading TIGER/Line Shapefiles

- There are four methods for downloading TIGER/Line Shapefiles:
  - Website Interface
  - Direct from the FTP site
  - Connect via FTP client
  - Direct from Data.gov
- This example will utilize the Website Interface method.
- For additional information about downloading and unzipping TIGER/Line Shapefiles, see the brochure “Downloading TIGER/Line Shapefiles”, available on our “How To” webpage: <http://www.census.gov/geo/education/howtos.html>.



**2014** 2013 113th CD 2012 2011 2010 2009 2008 2007 2006SE Census 2000 1992

### 2014 TIGER/Line Shapefiles

All legal boundaries and names are as of January 1, 2014. Released August 19, 2014.

**Download**

- [Web interface](#)
- [FTP site](#)

► Technical Documentation

► File Availability

► User Notes

The boundaries shown are for Census Bureau statistical data collection and tabulation purposes only; their depiction and designation for statistical purposes does not constitute a determination of jurisdictional authority or rights of ownership or entitlement.

- Visit <http://www.census.gov/geo/maps-data/data/tiger-line.html>.
- Click on the **2014** Tab.
- Click **Download**.
- Under **Download by File Type**, Click **Web Interface**.



Select the layer you are interested in from the dropdown menu and click 'submit' for a list of the available geographic areas.

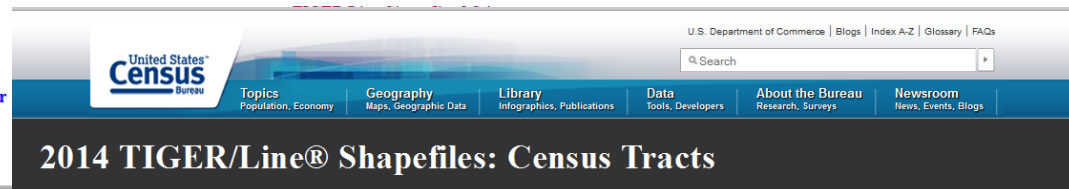
## Select a layer type

Census Tracts

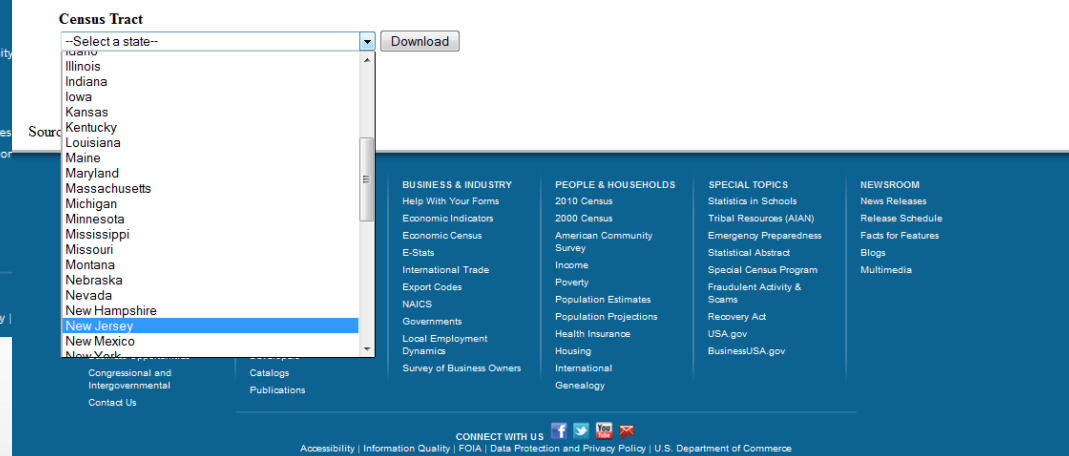
Source: US Census Bureau, Geography Division

### Documentation

[Access our FTP site for](#)

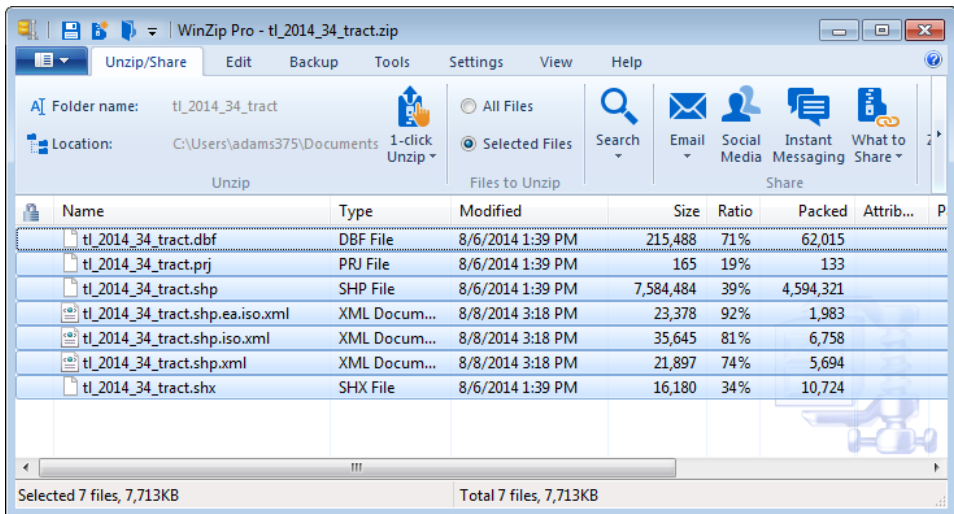


[Return to: Main Download Page](#) | [2014 TIGER/Line Shapefiles Main](#)



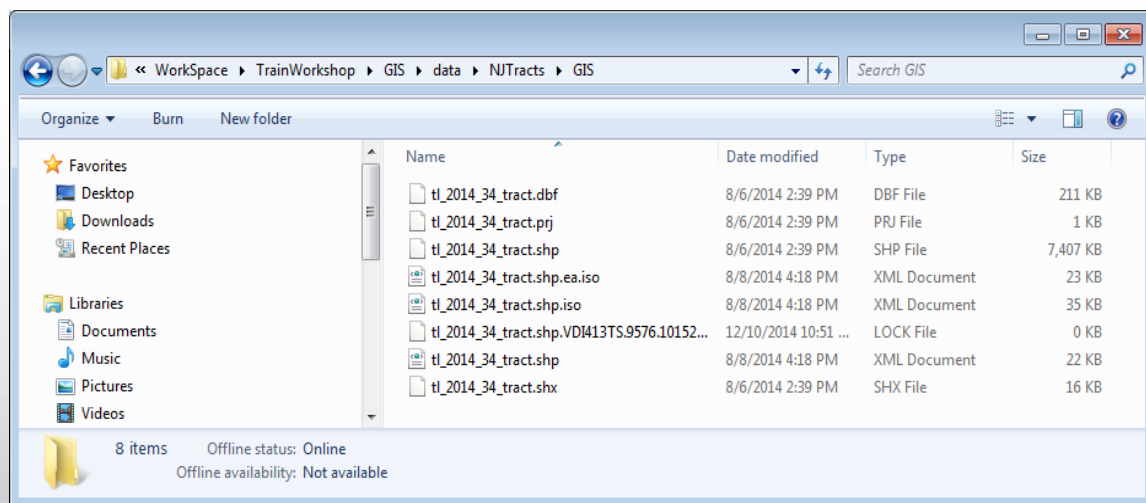
- Select **Census Tracts** in the dropdown menu and click **submit**.
- Under **Census Tract**, Select **New Jersey**, click **Download**.

Open with WinZip



From the WinZip Window.....

Drag & Drop  
To Your Local Folder  
(Or Wherever You'd Like To  
Keep It)

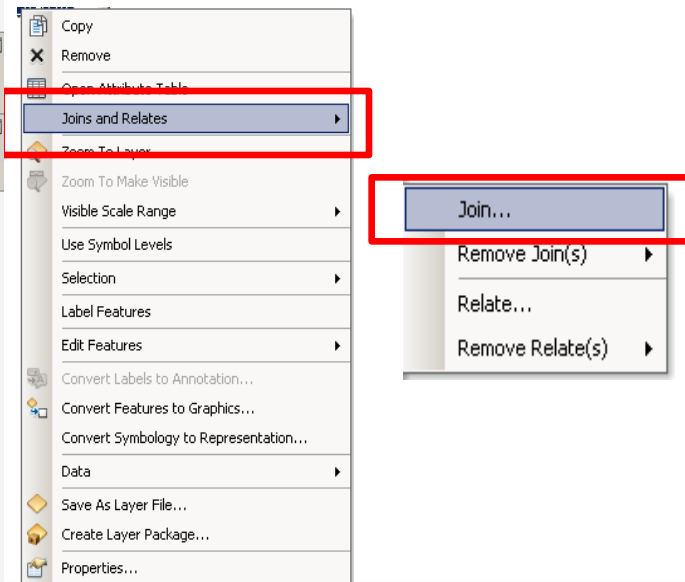
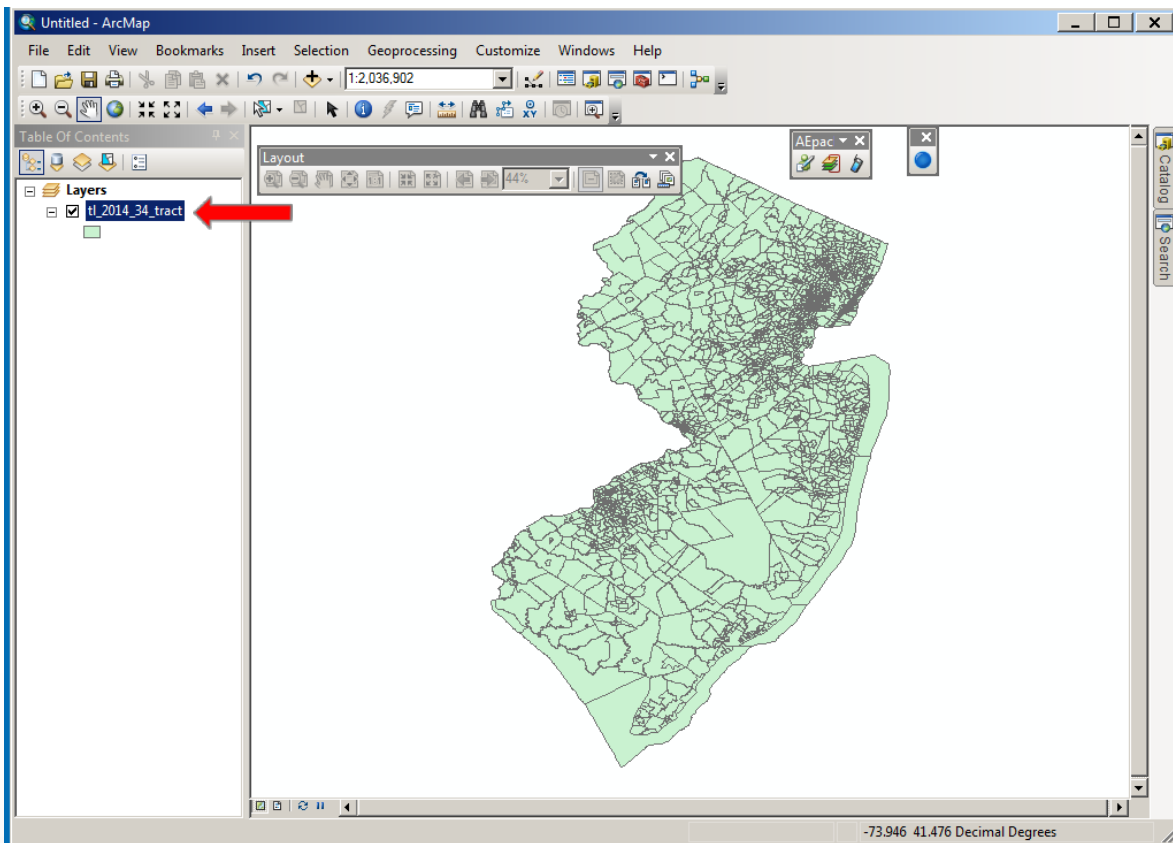


# Joining the AFF Table to the TIGER/Line Shapefiles

- Open ArcMap
- Add the census tract shapefile you previously downloaded using the **Add Data** icon or **File – Add Data – Add Data**.



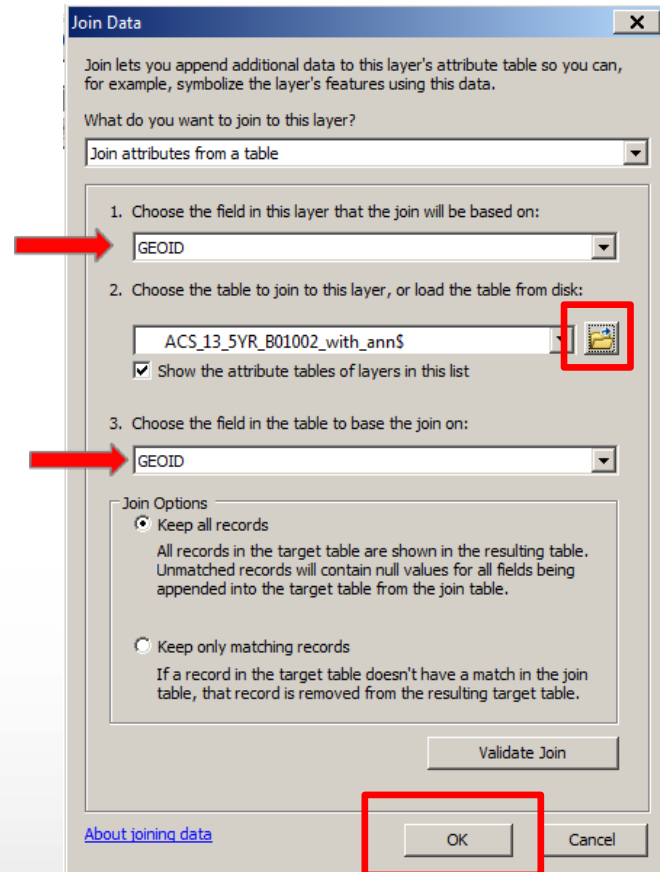
- Both the data file and the TIGER/Line Shapefile contain fields that uniquely identify a geographic entity necessary for creating a join.



- Right-click on the TIGER/Line Shapefile name.
- Select **Joins and Relates**.
- Select **Join**.



- A new screen appears for you to select the field from the shapefile that will be used to join the data.
  - You want the fully qualified geographic code. It is **GEOID** in the 2010 TIGER/Line Shapefiles.
  - The TIGER/Line Shapefiles technical documentation has more information on the record layouts and definition of each field.
- Next, select the data file you saved as an Excel Workbook, using the browse (open folder icon).
- Finally, choose the field from the data table to base the join on.
  - Since we edited the field name in the Excel Workbook to **GEOID**, ArcGIS automatically selects this field for the join.

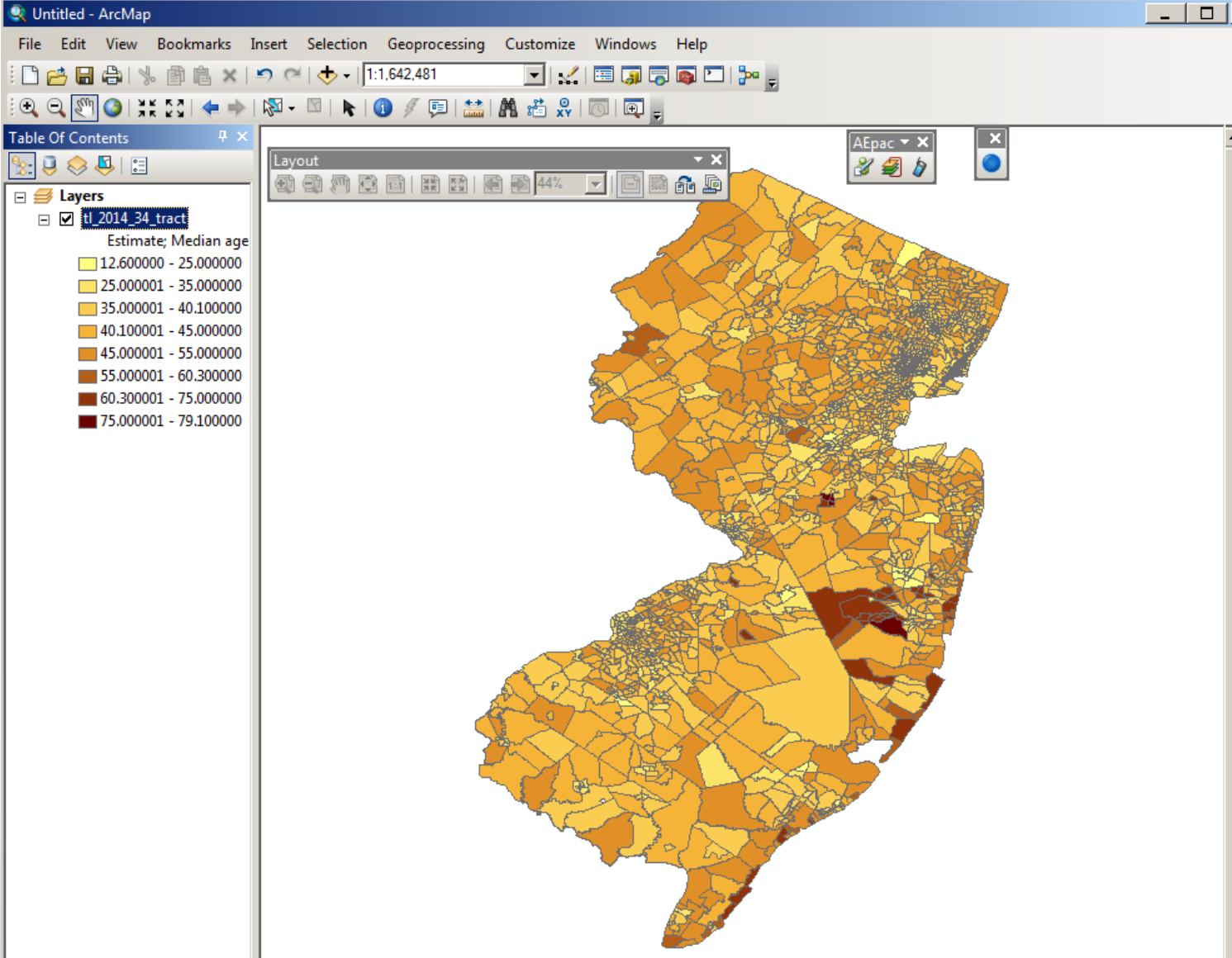


Click **OK**.

The screenshot shows the ArcMap interface. The 'Table' window is open, displaying a table named 'tl\_2014\_34\_tract'. The table contains data for census tracts in Passaic County, New Jersey, including GEOID, Geography, and Median age estimates. The 'Open Attribute Table' option in the right-click context menu is highlighted with a red box.

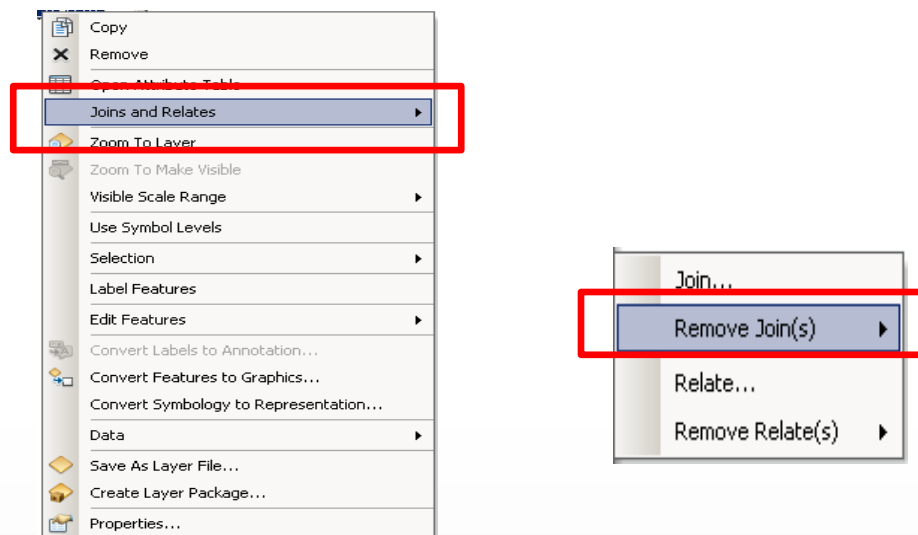
GEOID	Geography	Estimate; Median age -- Total	Margin of Error; Median age -- Total
34031256804	Census Tract 2568.04, Passaic County, Ne	44.4	
34031246300	Census Tract 2463, Passaic County, New J	41.2	
34031181200	Census Tract 1812, Passaic County, New J	32	
34031256803	Census Tract 2568.03, Passaic County, Ne	46.4	
34031246003	Census Tract 2460.03, Passaic County, Ne	43.5	

- To see the results, right-click on the TIGER/Line Shapefile name and select **Open Attribute Table**.
  - ArcMap builds a relationship between the shapefile and the data table.
  - The table now has the attributes from both the shapefile and the data table.
- The data can be used to create a thematic map or for other analysis.
- Multiple files can be joined to the shapefile.



New Jersey  
Median Age  
By Census Tract  
2013 American  
Community  
Survey (ACS)  
Estimate

# Removing the Join



- Right-click on the TIGER/Line Shapefile name and select **Joins and Relates**.
- Select **Remove Joins**.
- Select the join to be removed or select **Remove All Joins**.

# Questions

## Regarding TIGER/Line Products:

Visit: [www.census.gov/geo](http://www.census.gov/geo)

Email: [geo.tiger@census.gov](mailto:geo.tiger@census.gov)

Call: (301) 763-1128 - Geographic Products Branch

## Regarding American FactFinder – Data Questions:

Visit:

[http://factfinder2.census.gov/faces/nav/jsf/pages/using\\_factfinder.xhtml](http://factfinder2.census.gov/faces/nav/jsf/pages/using_factfinder.xhtml)

Email: [nyro.pds@census.gov](mailto:nyro.pds@census.gov)

Call: (212) 584- 3440 - NYRO PDD Program

ArcGIS™ is a Trademark of esri.

TIGER/Line® is a Registered Trademark of the U.S. Census Bureau.