

# Using Census Data in your GIS

Craig Best  
Supervisory Geographer  
Kansas City Regional Office



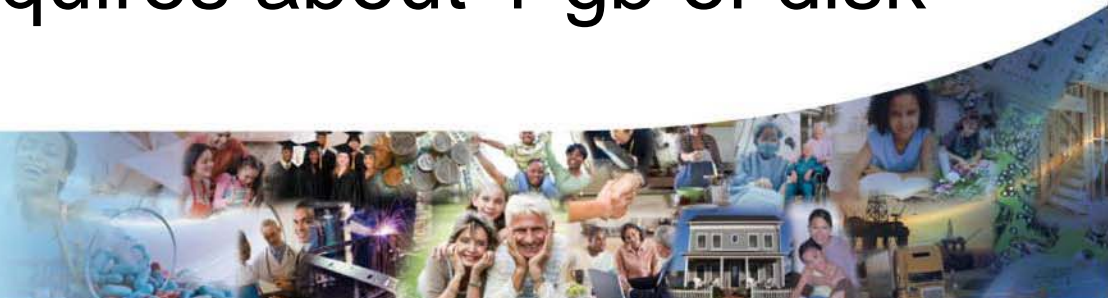
# Objectives

- Understand Census Geographic Identifiers
- Understand how to obtain geographic files
- Understand how to obtain Census data products
- Understand how to map the data
- Understand who to contact with questions



# Requisites

- GIS application that can use and join ESRI Shapefiles to database tables
- Internet access for downloading data
- ArcGIS v9.2
- Microsoft Access/Excel 2007
- Today's demo requires about 1 gb of disk space



# Agenda

1. Getting Started
2. Introduce Census Geography and the Geographic Identifiers
3. Accessing the TIGER Data
4. Accessing the Data
  - American Factfinder Method
  - SF1 ASCII Data Method
5. Mapping The Data



# Getting Started



# Census Mission

- Our Mission - To serve as the leading source of quality data about the nation's people and economy.

# What Data We Collect & When

- Population & Housing Census – every 10 years
- Economic Census – every 5 years
- Census of Governments – every 5 years
- American Community Survey – annually
- Our Many Surveys – both demographic and economic
- Economic Indicators - various





# Census vs. Survey

- Census is a “complete enumeration of a population”
- Surveys are based on a sample of the population





# Lots of Data/Different Geography

- Survey data are at a high level of geography
- Unemployment data are good for metropolitan area, state, and nation use
- Not available at the county or city level, or lower



# My Focus Today

- Subcounty data
- Data that cover all land area within a county or city



# Data Top Two List

1. 2010 Decennial Census Data
2. American Community Survey Data

# American Community Survey (ACS)

- ACS replaced the Census “long form” after Census 2000
- We ask about....

- Age

- Sex

- Race

- Family and Relationship

- Income and benefits

- Health insurance

- Education

- Veteran status

- Disabilities

- Where you work and how you get there

- Where you live and how much you pay for some essentials



# ACS Estimates

- Sample size just under 3,000,000 HUs year
- 1-year estimates
  - Published for selected geographic areas with populations of 65,000 or greater
- 3-year estimates
  - Published for selected geographic areas with populations of 20,000 or greater
- 5-year estimates
  - Published for small geographic areas down to block group



# ACS Data Availability

- Currently, only the 1-year estimates are available in AFF2
- Expect 3 and 5 year estimates to be available by the end of the year.



# 2010 Decennial Data

- Based upon the 2010 Census
- 100% data, the same questions asked of every household
- Not Estimates, actual counts
- Available for all census geographic areas down to census block





# Starting the GIS Project

1. Determine what data you want to map
2. Determine what geographic area you want to map
3. Download geographic shapefiles
4. Download demographic data
5. Make the data “GIS Ready”
6. Join the data in ArcMap

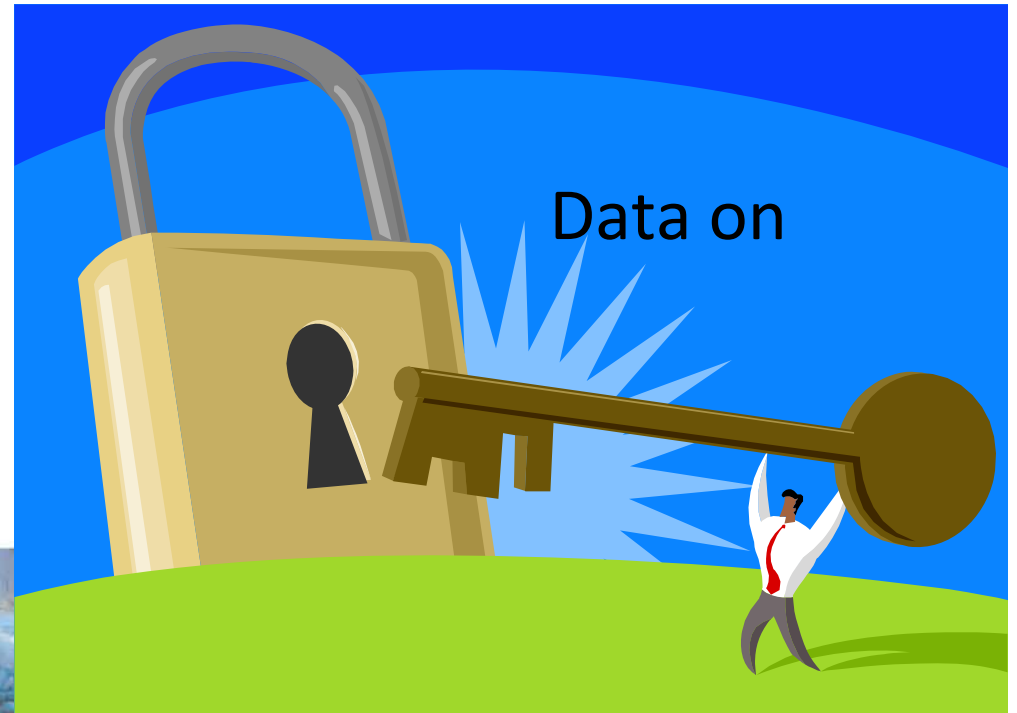


# Census Geography and the Geographic Identifiers



# Geographic Identifier (GEOID)

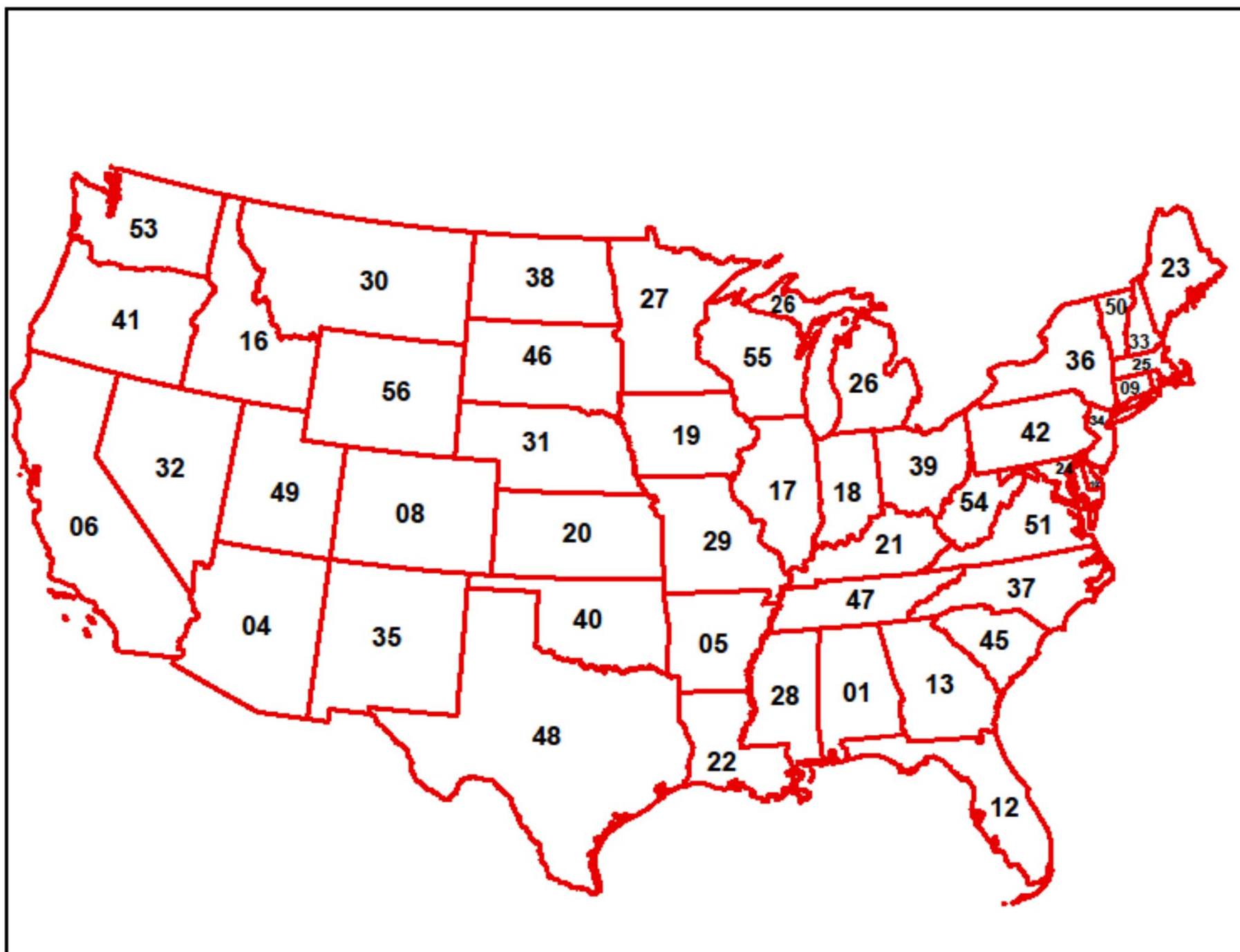
- Every piece of Census Geography has a unique numeric code.
- Every piece of Census Geography has data associated with it.
- GEOID is the key to putting Census the map!

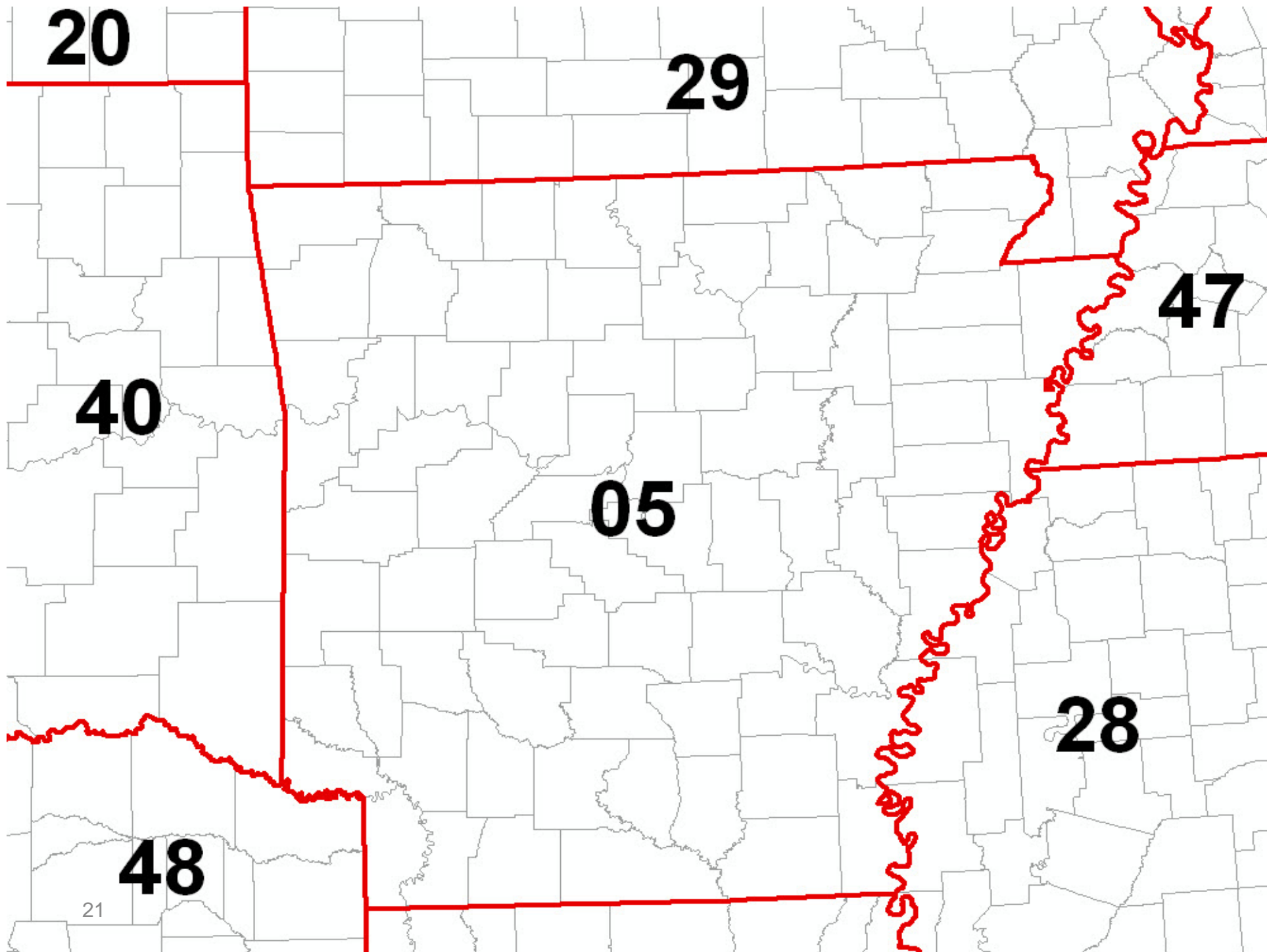


# What do you mean by Census Geography?

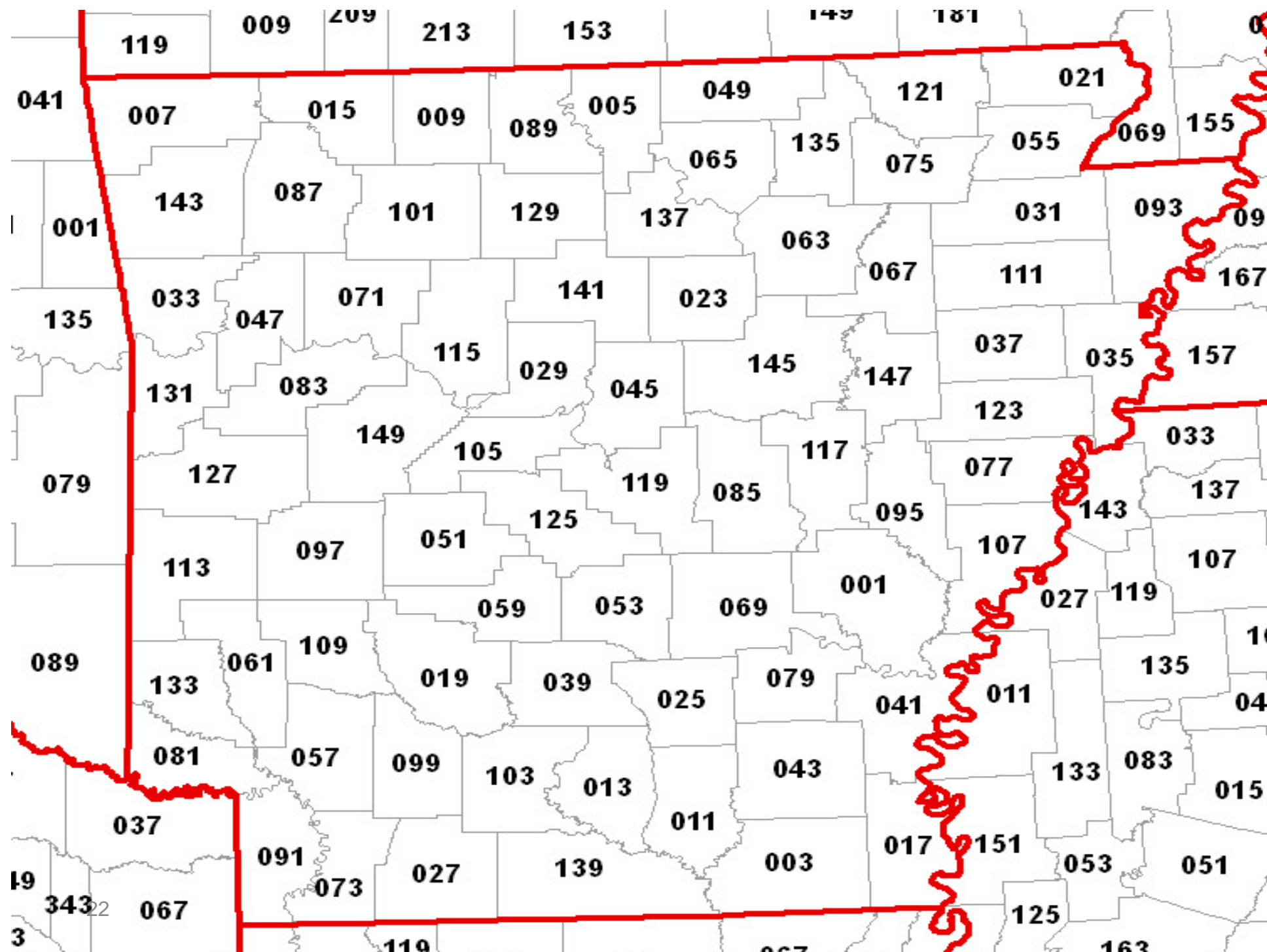
- State, County, City, Township, American Indian Areas
- Census tracts, block groups, blocks
- School Districts (Elementary, Secondary, Unified)
- 111<sup>th</sup> Congressional District
- State Legislative Districts (Upper/Lower)
- Voting District









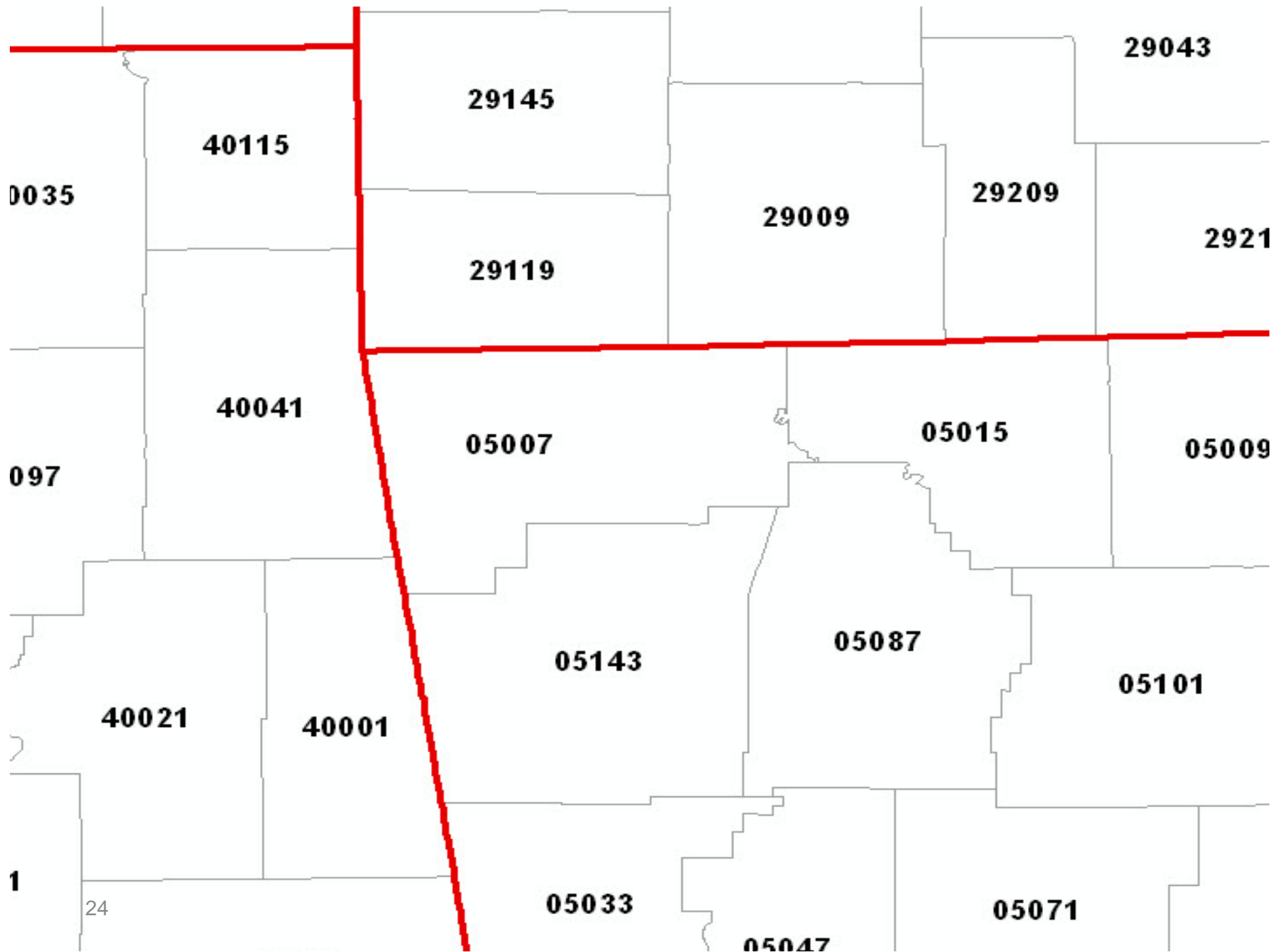


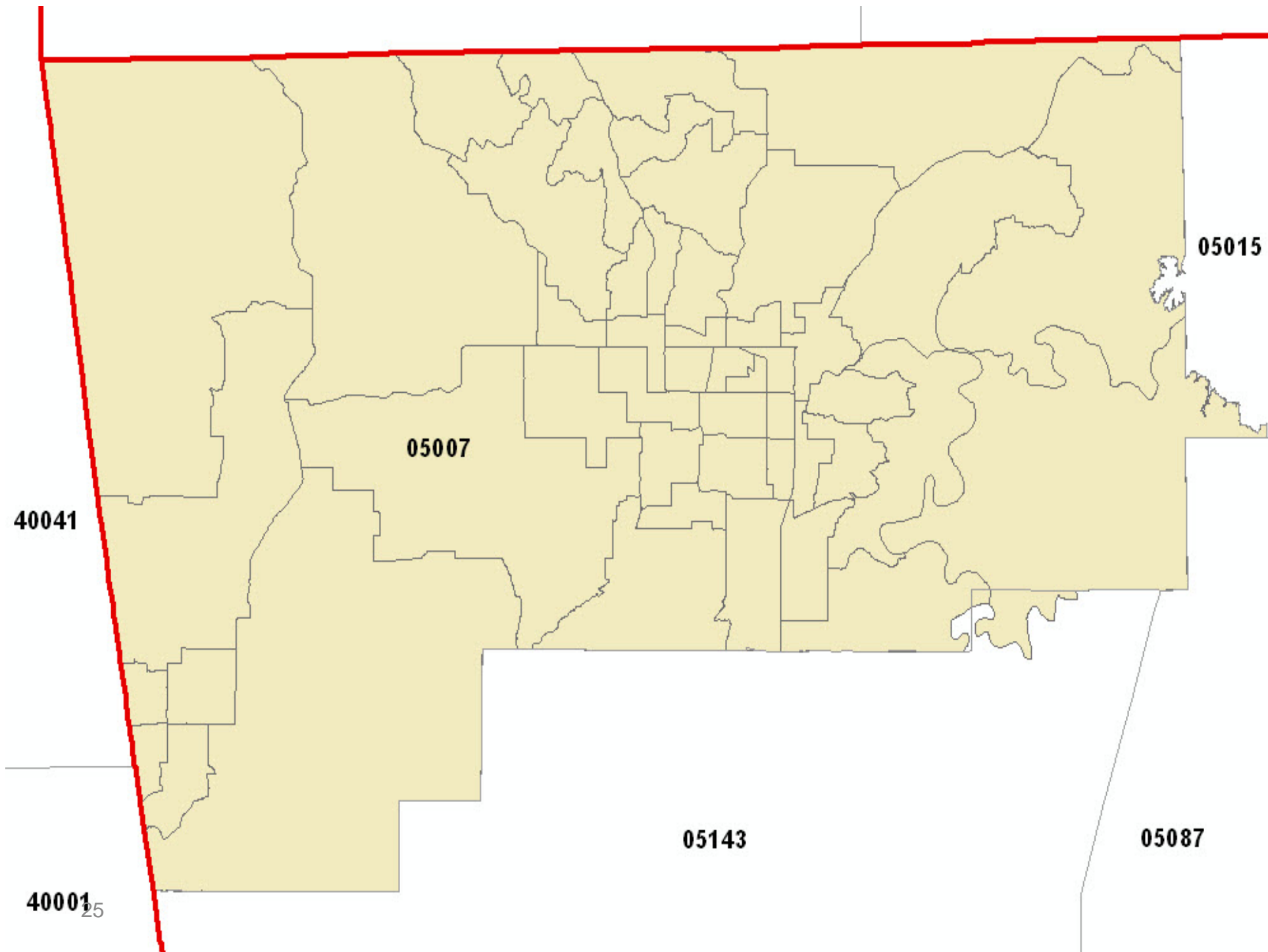


# GEOID MATH

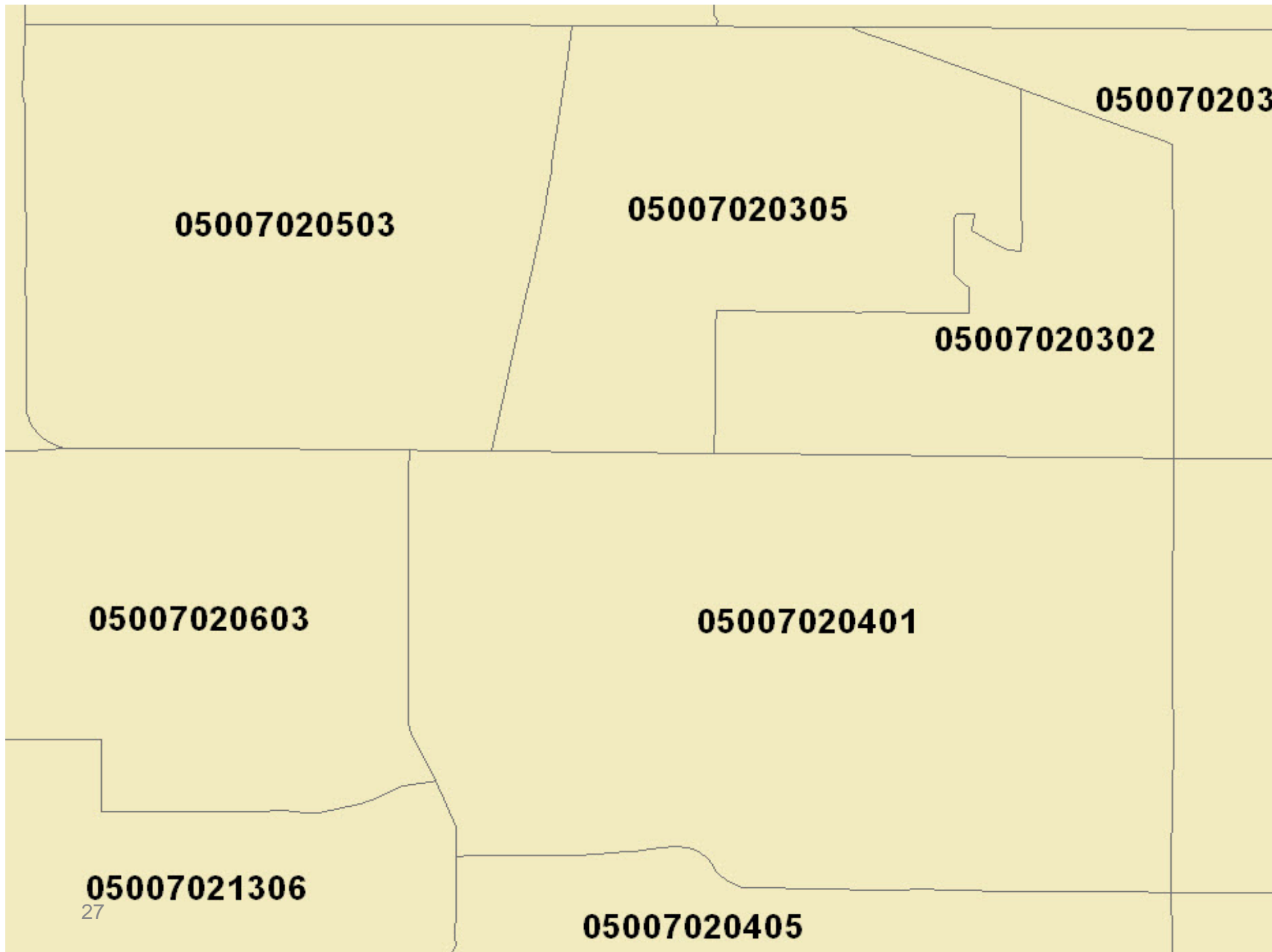
$$19 + 153 = 19153$$











0500

05007020503

05007020305

05007020302

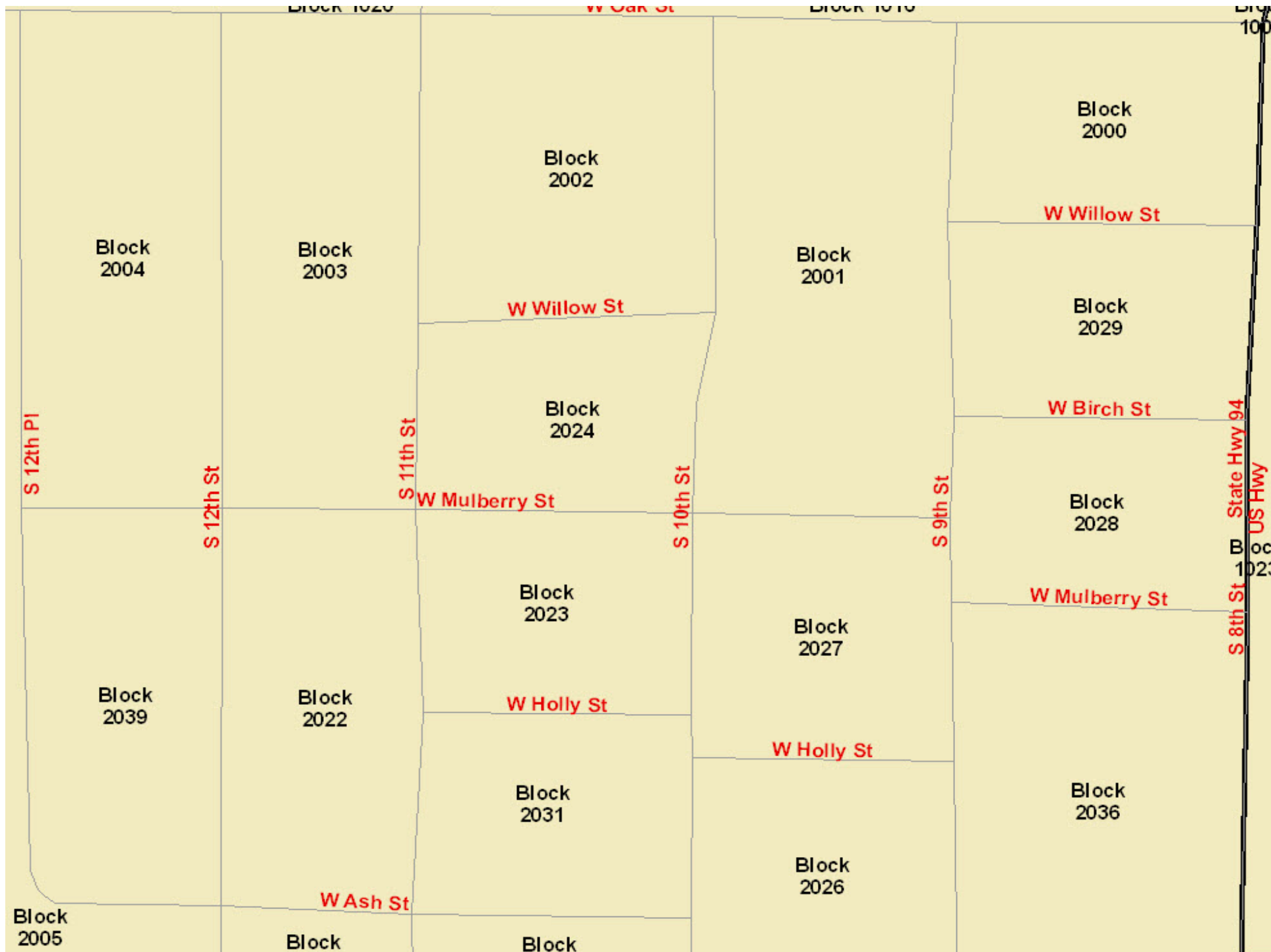
05007020603

05007020401

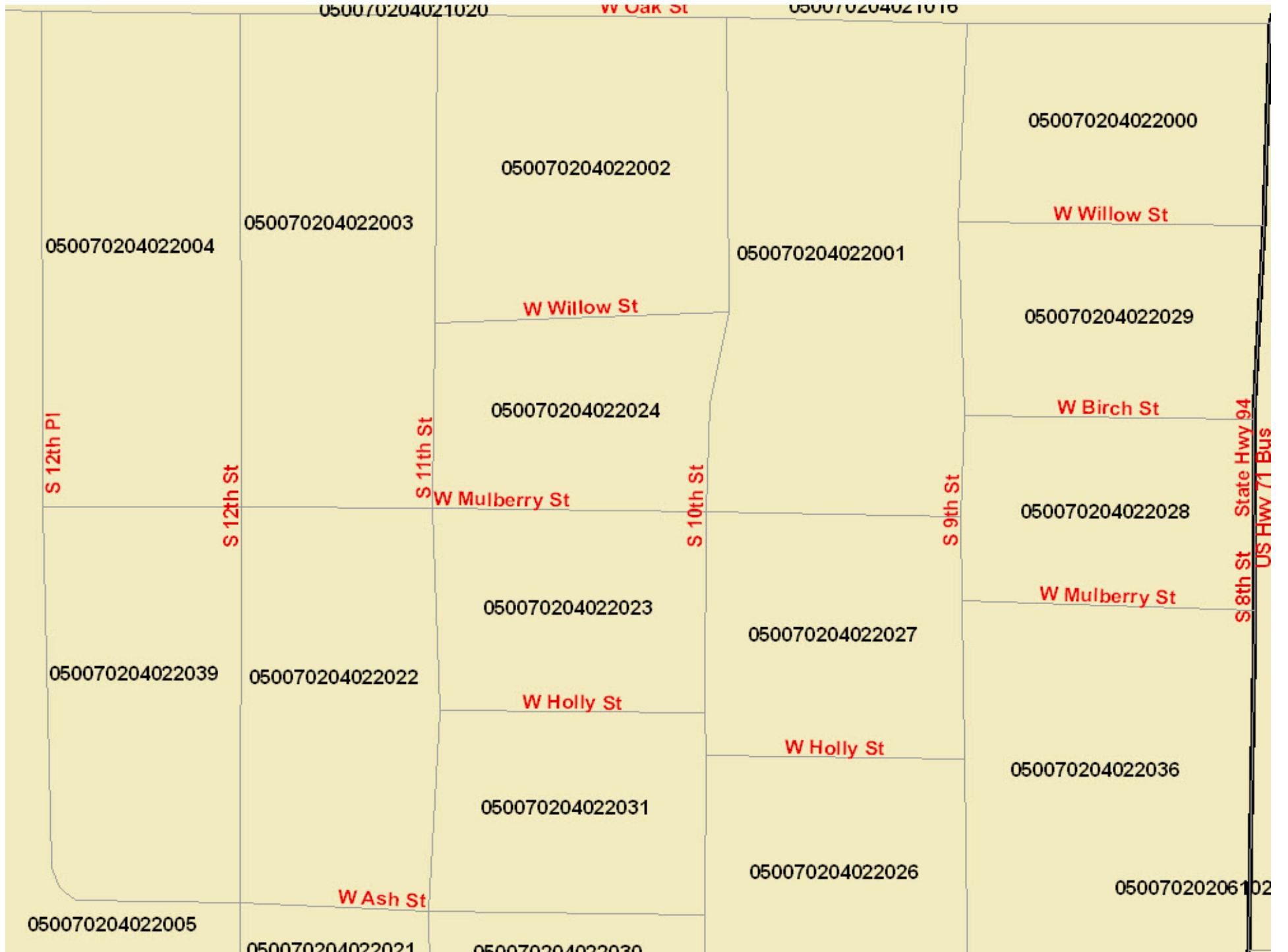
05007021306

05007020405





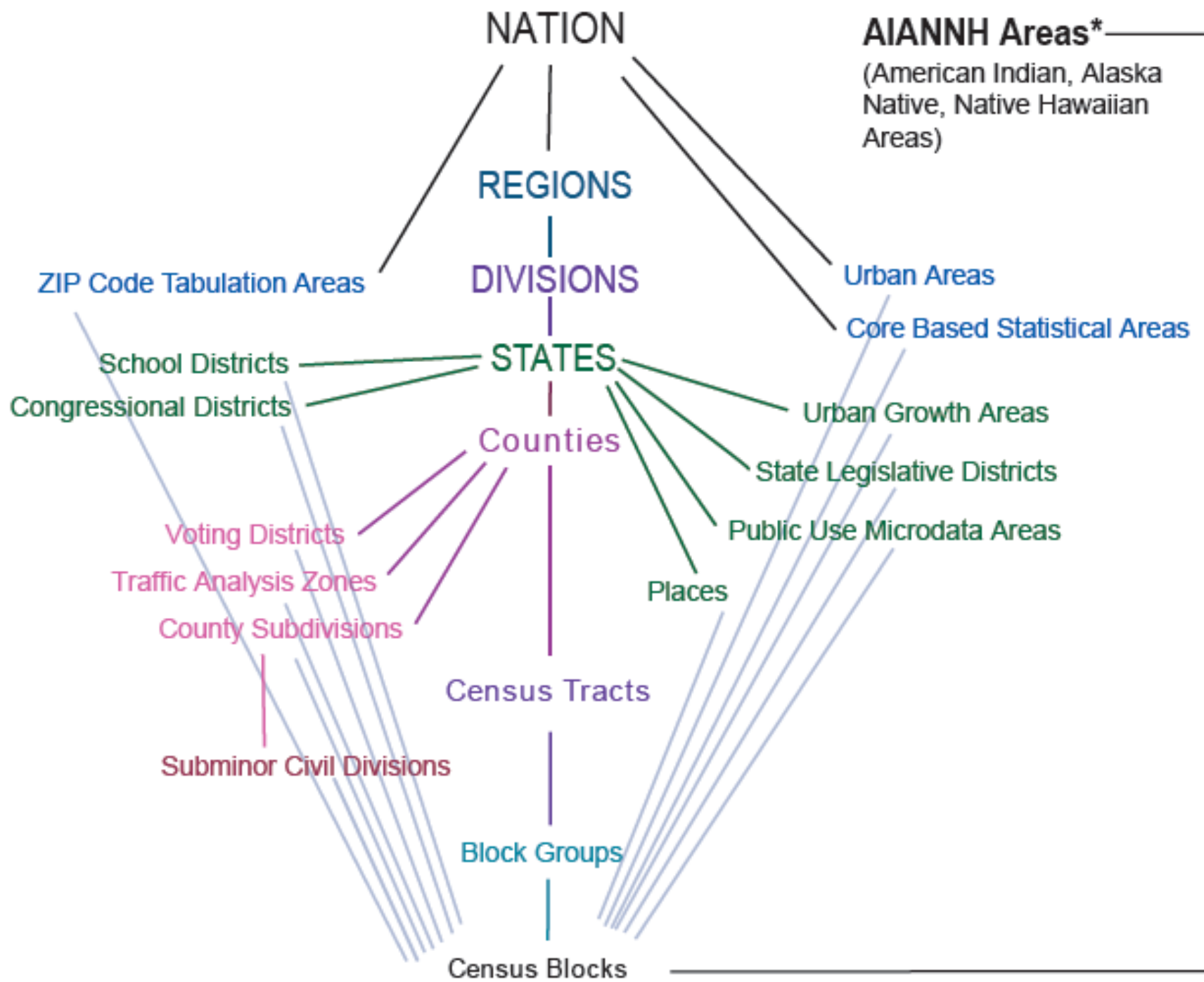




# GEOID10

- In the Census TIGER/Line data, concatenation is already done for you
- GEOID10 holds the concatenated value

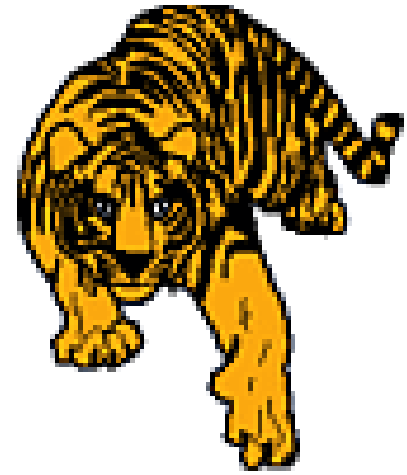




## Summary Level Codes

Summary Level Code	Summary Level Name	GEOID	TIGER/Line Shapefile
040	State	STATE	tl_2010_<state FIPS>_state10.shp
050	State-County	STATE + COUNTY	tl_2010_<state FIPS>_county10.shp
060	State-County-County Subdivision	STATE + COUNTY + COUSUB	tl_2010_<state FIPS>_cousub10.shp
*101	State-County-County Subdivision-Place/Remainder-Census Tract-Block Group-Block	STATE + COUNTY + TRACT + BLOCK	tl_2010_<state FIPS>_tabblock10.shp tl_2010_<state-county FIPS>_tabblock10.shp
*140	State-County-Census Tract	STATE + COUNTY + TRACT	tl_2010_<state FIPS>_tract10.shp
*150	State-County-Census Tract-Block Group	STATE + COUNTY + TRACT + BLKGRP	tl_2010_<state FIPS>_bg10.shp
160	State-Place	STATE + PLACE	tl_2010_<state FIPS>_place10.shp
250	American Indian Area/Alaska Native Area/Hawaiian Home Land		tl_2010_<state FIPS>_aiannh10.shp
251	American Indian Area-Tribal Subdivision/Remainder		tl_2010_<state FIPS>_aiannh10.shp
252	American Indian Area/Alaska Native Area (Reservation or Statistical Entity Only)		tl_2010_<state FIPS>_aiannh10.shp
254	American Indian Area (Off-Reservation Trust Land Only)/Hawaiian Home Land		tl_2010_<state FIPS>_aiannh10.shp
256	American Indian Area-Tribal Census Tract		tl_2010_<state FIPS>_aiannh10.shp
258	American Indian Area-Tribal Census Tract-Tribal Block Group		tl_2010_<state FIPS>_aiannh10.shp
500	State-Congressional District (111th)	STATE + CD	tl_2010_<state FIPS>_cd111.shp
610	State-State Legislative District (Upper Chamber)	STATE + SLDU	tl_2010_<state FIPS>_sldu10.shp
620	State-State Legislative District (Lower Chamber)	STATE + SLDL	tl_2010_<state FIPS>_sldl10.shp
700	State-County-Voting District/Remainder	STATE + COUNTY + VTD	tl_2010_<state-county FIPS>_vtd10.shp
860	5-Digit ZIP code Tabulation Area	ZCTA	tl_2010_<state FIPS>_zcta510.zip
950	State-School District (Elementary)/Remainder	STATE + SDELM	tl_2010_<state FIPS>_elsd10.shp
960	State-School District (Secondary)/Remainder	STATE + SDSEC	tl_2010_<state FIPS>_scsd10.shp
970	State-School District (Unified)/Remainder	STATE + SDUNI	tl_2010_<state FIPS>_unsd10.shp





# Census TIGER/Line Files



# The History of TIGER

- Built after the 1980 Census to solve serious mapping issues
- First deployed in support of 1990 Census
- TIGER/Line almost an after thought
  - Desktop GIS didn't really exist in the late 1980s



# Time Line

- 1990 TIGER Built and deployed to support 1990 Census
  - Updates of legal and statistical boundaries
  - Features, names, address ranges
  - First release of TIGER/Line data





# Time Line

- 1990s, built and maintained the Master Address File (MAF)
- Updated TIGER to geocode new addresses
- Updated legal/statistical geography
- Conversion from NAD27 to NAD83



# Time Line

- 2000s.....
  - Migration to COTS technology
  - Spatial Accuracy enhancement, 7.6m CE95
    - Sources: state and local GIS data, imagery
  - Updated legal/statistical geography



# Time Line

- 2010s.....
  - Continued partnering with state and local partners to obtain GIS data
  - Continued address development by incorporating local address sources
  - Census road updates through GPS enabled field data collection



# The Original TIGER/Line

- From late 1980s through early 2000s, TIGER/Line was a series of flat ASCII data files
- Required a 3<sup>rd</sup> party software to convert to a specific format
- The **TI** in **TIGER**, Topologically Integrated



# Current/Future TIGER/Line

- TIGER/Line now released as shapefiles
- Plans for WFS/WMS access are in the works



# Cartographic Boundary Files

- State level files for selected geographies
- These are generalized files...
  - Line segments removed to simplify boundaries
  - Significantly reduces the size of the files
- **CAUTION!!** Don't mix county based TIGER/Line files with Cartographic Boundary files





Census Bureau Home Page - Windows Internet Explorer

http://www.census.gov/

Google Search

Census Bureau Home Page

# U.S. Census Bureau

FAQs | Subjects A to Z | Help

SEARCH:  GO

## Redistricting Data

First Look at Local Data

New on the Site

Data Tools

American FactFinder

Jobs@Census

Catalog

Publications

Are You in a Survey?

About the Bureau

Regional Offices

Doing Business with Us

Related Sites

Follow us on Twitter

## 2010 RESIDENT POPULATION

Visit the 2010 Census site

# 308,745,538

Learn more about your state

- Data Map
- Animation
- Video
- News
- Director's Blog
- Census Blog

## People & Households

[American Community Survey](#) · [Estimates](#) · [Projections](#) · [Housing](#) · [Income](#) | [State Median Income](#) · [Poverty](#) · [Health Insurance](#) · [International](#) · [Genealogy](#) · [Census 2000](#) · [More](#)

## Business & Industry

[Economic Census](#) · [Get Help with Your Form](#) · [Economic Indicators](#) · [NAICS](#) · [Survey of Business Owners](#) · [Government](#) · [E-Stats](#) · [Foreign Trade](#) | [Export Codes](#) · [Local Employment Dynamics](#) · [More](#)

## Geography

[Maps](#) · **TIGER** · [Gazetteer](#) · [More](#)

## Newsroom

[Releases](#) · [Facts for Features](#) · [Minority Links](#) · [Multimedia Gallery](#) · [News Release Subscription](#) · [More](#)

## Special Topics

[Fraudulent Activity & Scams](#) · [Census Bureau Data and Emergency Preparedness](#) · [Events Calendar](#) · [Training](#) · [Statistical Abstract](#) · [FedStats](#) · [USA.gov](#) · [Recovery Act at the Census Bureau](#)

## Read our Census Blogs

### Data Finders

#### Population Clocks

**U.S. 310,918,881**  
World 6,903,288,579  
22:25 UTC (EST+5) Mar 02, 2011

#### Population Finder\*

\* Does not currently contain 2010 data

city/ town, county, or zip

or state  Select a state

#### Find An Area Profile with QuickFacts

Select a state to begin  Select a state

#### Latest Economic Indicators

- [Construction Spending](#)
- [Advance Report on Durable Goods Manufacturers' Shipments, Inventories, and Orders](#)

#### Economic Indicators

Select an indicator  Select an indicator

U.S. CENSUS BUREAU  
Helping You Make Informed Decisions

Accessibility | Information Quality | FOIA | Data Protection & Privacy Policy | U.S. Dept of Commerce

http://2010.census.gov/2010census/

Trusted sites 100%

U.S. Census Bureau - TIGER/Line® - Windows Internet Explorer

http://www.census.gov/geo/www/tiger/


Google Search

U.S. Census Bureau - TIGER/Line®

U.S. Census Bureau

People | Business | Geography | Newsroom | Subjects A to Z | Search@Census

[Geography Main](#) | [U.S. Gazetteer](#) | [Census 2000 Geography Glossary](#) | [Census 2000 Gateway](#)



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

### TIGER

Topologically Integrated Geographic Encoding and Referencing system

---

#### Latest TIGER/Line® Shapefile Release

- TIGER/Line® Shapefiles are spatial extracts from the Census Bureau's MAF/TIGER database, containing features such as roads, railroads, rivers, as well as legal and statistical geographic areas.
- They are made available to the public for no charge and are typically used to provide the digital map base for a Geographic Information System or for mapping software.
- They are designed for use with geographic information system (GIS) software. The TIGER/Line® Shapefiles do not include demographic data, but they contain geographic entity codes that can be linked to the Census Bureau's demographic data, available on [American FactFinder](#).

**2010 TIGER/Line® Shapefiles Main Page** -- Released on a rolling basis beginning **November 30, 2010**.

View our how-to guides on [Using the TIGER/Line Shapefiles® and Census Data](#).

---

#### Previous TIGER/Line® Shapefiles

- [2009 TIGER/Line® Shapefiles Main Page](#) -- Released **October 1, 2009**.
- [2008 TIGER/Line® Shapefiles Main Page](#) -- Released **December 8, 2008**.
- [2007 TIGER/Line® Shapefiles Main Page](#) -- Released **March 31, 2008**.
  - The 2007 TIGER/Line® Shapefiles were the first release of TIGER spatial data from the modernized Census Bureau's MAF/TIGER database in shapefile format.
  - TIGER/Line® Shapefiles have replaced the TIGER/Line files which were first made available in 1990.

2010 TIGER/Line Shapefiles Main Page - Windows Internet Explorer


http://www.census.gov/geo/www/tiger/tgrshp2010/tgrshp2010.html

Google Search

2010 TIGER/Line Shapefiles Main Page

U.S. Census Bureau

People | Business | Geography | Newsroom | Subjects A to Z | Search@Census



## 2010 Census TIGER/Line® Shapefiles

### TIGER Navigation

2010 CENSUS TIGER/LINE SHAPEFILES MAIN

- DOWNLOAD SHAPEFILES
- RELEASE SCHEDULE
- TECHNICAL DOCUMENTATION
- USER NOTES

PREVIOUS VERSIONS

- 2009 TIGER/LINE SHAPEFILES
- 2008 TIGER/LINE SHAPEFILES
- 2007 TIGER/LINE SHAPEFILES
- TIGER/LINE FILES

OTHER 2010 CENSUS GEOGRAPHIC PRODUCTS

GEOGRAPHY MAIN PAGE

### What are the TIGER/Line Shapefiles?

- 2010 extracts containing geographic and cartographic information from the Census Bureau's MAF/TIGER® (Master Address File/Topologically Integrated Geographic Encoding and Referencing) database.
- These files support the 2010 Census Redistricting Data (P. L. 94-171) release.
- The files provide the digital map base for a Geographic Information System or mapping software. The files do not contain any mapping software.
- All legal boundaries and names are as of January 1, 2010. 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.
- The geographic entity codes needed to link the Census Bureau's demographic data to the geography are included in the files. The TIGER/Line Shapefiles do not contain any demographic or economic data; data can be downloaded separately using [American FactFinder](#).

### 2010 Census Redistricting [P.L. 94-171] TIGER/Line Shapefiles

- 2010 Census Redistricting [P.L. 94-171] TIGER/Line Shapefiles may be obtained via the links below.
- [Shapefiles included in the Redistricting \[P.L. 94-171\] delivery](#)
- [More information about the Redistricting Program](#)

### Download

Download by type (all census tracts, all counties, etc.):

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

Download by state:

- [FTP site](#)

### Release Schedule

Done

Trusted sites 100%

FTP directory /geo/pvs/tiger2010st/ at ftp2.census.gov - Windows Internet Explorer

ftp://ftp2.census.gov/geo/pvs/tiger2010st/

Google Search

FTP directory /geo/pvs/tiger2010st/ at ftp2.census.gov

## FTP directory /geo/pvs/tiger2010st/ at ftp2.census.gov

To view this FTP site in Windows Explorer, click **Page**, and then click **Open FTP Site in Windows Explorer**.

Server: ftp2.census.gov

Personal Identifiable Information (PII) shall not be placed on the FTP server without prior special arrangement and in conjunction with ITS0.

NOTE: The data available for anonymous FTP download on this FTP server are also available over the Web:  
<http://www2.census.gov>

[Up to higher level directory](#)

12/14/2010 07:38AM	Directory	<a href="#">01 Alabama</a>
12/28/2010 02:49PM	Directory	<a href="#">02 Alaska</a>
01/13/2011 03:30PM	Directory	<a href="#">04 Arizona</a>
12/07/2010 09:46AM	Directory	<a href="#">05 Arkansas</a>
12/28/2010 02:53PM	Directory	<a href="#">06 California</a>
12/28/2010 03:03PM	Directory	<a href="#">08 Colorado</a>
01/04/2011 09:24AM	Directory	<a href="#">09 Connecticut</a>
12/07/2010 09:52AM	Directory	<a href="#">10 Delaware</a>
12/21/2010 12:54PM	Directory	<a href="#">11 District of Columbia</a>
01/25/2011 01:37PM	Directory	<a href="#">12 Florida</a>
01/19/2011 09:26AM	Directory	<a href="#">13 Georgia</a>
12/21/2010 12:55PM	Directory	<a href="#">15 Hawaii</a>
01/25/2011 01:46PM	Directory	<a href="#">16 Idaho</a>
12/21/2010 12:56PM	Directory	<a href="#">17 Illinois</a>
12/08/2010 10:20AM	Directory	<a href="#">18 Indiana</a>
12/08/2010 10:29AM	Directory	<a href="#">19 Iowa</a>
01/13/2011 03:39PM	Directory	<a href="#">20 Kansas</a>
01/25/2011 01:54PM	Directory	<a href="#">21 Kentucky</a>
12/07/2010 09:54AM	Directory	<a href="#">22 Louisiana</a>
01/13/2011 03:46PM	Directory	<a href="#">23 Maine</a>
12/07/2010 10:00AM	Directory	<a href="#">24 Maryland</a>
01/04/2011 09:28AM	Directory	<a href="#">25 Massachusetts</a>
01/25/2011 02:07PM	Directory	<a href="#">26 Michigan</a>
01/19/2011 09:45AM	Directory	<a href="#">27 Minnesota</a>
12/07/2010 10:06AM	Directory	<a href="#">28 Mississippi</a>
12/21/2010 01:03PM	Directory	<a href="#">29 Missouri</a>
01/19/2011 10:01AM	Directory	<a href="#">30 Montana</a>
01/13/2011 03:49PM	Directory	<a href="#">31 Nebraska</a>
12/28/2010 03:08PM	Directory	<a href="#">32 Nevada</a>
01/13/2011 03:55PM	Directory	<a href="#">33 New Hampshire</a>
12/07/2010 10:12AM	Directory	<a href="#">34 New Jersey</a>
01/13/2011 03:58PM	Directory	<a href="#">35 New Mexico</a>
01/04/2011 10:13AM	Directory	<a href="#">36 New York</a>
12/21/2010 01:13PM	Directory	<a href="#">37 North Carolina</a>
01/19/2011 10:13AM	Directory	<a href="#">38 North Dakota</a>
12/21/2010 01:31PM	Directory	<a href="#">39 Ohio</a>

Done

Trusted sites

100%

FTP directory /geo/pvs/tiger2010st/19\_Iowa/ at ftp2.census.gov - Windows Internet Explorer

ftp://ftp2.census.gov/geo/pvs/tiger2010st/19\_Iowa/

Google Search

FTP directory /geo/pvs/tiger2010st/19\_Iowa/ at ftp2....

## FTP directory /geo/pvs/tiger2010st/19\_Iowa/ at ftp2.census.gov

To view this FTP site in Windows Explorer, click **Page**, and then click **Open FTP Site in Windows Explorer**.

[Up to higher level directory](#)

12/08/2010 10:34AM	Directory <a href="#">19</a>
12/08/2010 10:33AM	Directory <a href="#">19001</a>
12/08/2010 10:33AM	Directory <a href="#">19003</a>
12/08/2010 10:33AM	Directory <a href="#">19005</a>
12/08/2010 10:33AM	Directory <a href="#">19007</a>
12/08/2010 10:33AM	Directory <a href="#">19009</a>
12/08/2010 10:33AM	Directory <a href="#">19011</a>
12/08/2010 10:33AM	Directory <a href="#">19013</a>
12/08/2010 10:33AM	Directory <a href="#">19015</a>
12/08/2010 10:33AM	Directory <a href="#">19017</a>
12/08/2010 10:33AM	Directory <a href="#">19019</a>
12/08/2010 10:33AM	Directory <a href="#">19021</a>
12/08/2010 10:33AM	Directory <a href="#">19023</a>
12/08/2010 10:33AM	Directory <a href="#">19025</a>
12/08/2010 10:33AM	Directory <a href="#">19027</a>
12/08/2010 10:33AM	Directory <a href="#">19029</a>
12/08/2010 10:33AM	Directory <a href="#">19031</a>
12/08/2010 10:33AM	Directory <a href="#">19033</a>
12/08/2010 10:33AM	Directory <a href="#">19035</a>
12/08/2010 10:33AM	Directory <a href="#">19037</a>
12/08/2010 10:33AM	Directory <a href="#">19039</a>
12/08/2010 10:32AM	Directory <a href="#">19041</a>
12/08/2010 10:32AM	Directory <a href="#">19043</a>
12/08/2010 10:32AM	Directory <a href="#">19045</a>
12/08/2010 10:32AM	Directory <a href="#">19047</a>
12/08/2010 10:32AM	Directory <a href="#">19049</a>
12/08/2010 10:32AM	Directory <a href="#">19051</a>
12/08/2010 10:32AM	Directory <a href="#">19053</a>
12/08/2010 10:32AM	Directory <a href="#">19055</a>
12/08/2010 10:32AM	Directory <a href="#">19057</a>
12/08/2010 10:32AM	Directory <a href="#">19059</a>
12/08/2010 10:32AM	Directory <a href="#">19061</a>
12/08/2010 10:32AM	Directory <a href="#">19063</a>
12/08/2010 10:32AM	Directory <a href="#">19065</a>
12/08/2010 10:32AM	Directory <a href="#">19067</a>
12/08/2010 10:32AM	Directory <a href="#">19069</a>
12/08/2010 10:32AM	Directory <a href="#">19071</a>
12/08/2010 10:32AM	Directory <a href="#">19073</a>
12/08/2010 10:32AM	Directory <a href="#">19075</a>
12/08/2010 10:32AM	Directory <a href="#">19077</a>
12/08/2010 10:32AM	Directory <a href="#">19079</a>
12/08/2010 10:32AM	Directory <a href="#">19081</a>
12/08/2010 10:32AM	Directory <a href="#">19083</a>
12/08/2010 10:32AM	Directory <a href="#">19085</a>
12/08/2010 10:32AM	Directory <a href="#">19087</a>
12/08/2010 10:31AM	Directory <a href="#">19089</a>
12/08/2010 10:31AM	Directory <a href="#">19091</a>

Done

Trusted sites

100%



FTP directory /geo/pvs/tiger2010st/19\_Iowa/19/ at ftp2.census.gov - Windows Internet Explorer

ftp://ftp2.census.gov/geo/pvs/tiger2010st/19\_Iowa/19/

Google Search

FTP directory /geo/pvs/tiger2010st/19\_Iowa/19/ at ft...

## FTP directory /geo/pvs/tiger2010st/19\_Iowa/19/ at ftp2.census.gov

To view this FTP site in Windows Explorer, click **Page**, and then click **Open FTP Site in Windows Explorer**.

[Up to higher level directory](#)

12/08/2010 10:33AM	17,143	<a href="#">tl_2010_19_aiannh00.zip</a>
12/08/2010 10:33AM	19,183	<a href="#">tl_2010_19_aiannh10.zip</a>
12/08/2010 10:33AM	7,127,156	<a href="#">tl_2010_19_bg00.zip</a>
12/08/2010 10:33AM	7,084,635	<a href="#">tl_2010_19_bg10.zip</a>
12/08/2010 10:33AM	442,446	<a href="#">tl_2010_19_cd108.zip</a>
12/08/2010 10:33AM	441,511	<a href="#">tl_2010_19_cd111.zip</a>
12/08/2010 10:33AM	1,172,840	<a href="#">tl_2010_19_county00.zip</a>
12/08/2010 10:33AM	1,186,064	<a href="#">tl_2010_19_county10.zip</a>
12/08/2010 10:33AM	4,165,551	<a href="#">tl_2010_19_cousub00.zip</a>
12/08/2010 10:33AM	4,212,616	<a href="#">tl_2010_19_cousub10.zip</a>
12/08/2010 10:33AM	1,015,096	<a href="#">tl_2010_19_place00.zip</a>
12/08/2010 10:33AM	1,154,700	<a href="#">tl_2010_19_place10.zip</a>
12/08/2010 10:33AM	3,234,737	<a href="#">tl_2010_19_prisecroads.zip</a>
12/08/2010 10:33AM	1,308,087	<a href="#">tl_2010_19_sld100.zip</a>
12/08/2010 10:33AM	1,303,955	<a href="#">tl_2010_19_sld110.zip</a>
12/08/2010 10:33AM	959,095	<a href="#">tl_2010_19_sldu00.zip</a>
12/08/2010 10:33AM	989,846	<a href="#">tl_2010_19_sldu10.zip</a>
12/08/2010 10:33AM	249,260	<a href="#">tl_2010_19_state00.zip</a>
12/08/2010 10:33AM	249,058	<a href="#">tl_2010_19_state10.zip</a>
12/08/2010 10:33AM	78,700,697	<a href="#">tl_2010_19_tabblock00.zip</a>
12/08/2010 10:34AM	91,949,095	<a href="#">tl_2010_19_tabblock10.zip</a>
12/08/2010 10:34AM	3,783,172	<a href="#">tl_2010_19_tract00.zip</a>
12/08/2010 10:34AM	3,808,721	<a href="#">tl_2010_19_tract10.zip</a>
12/08/2010 10:34AM	2,735,849	<a href="#">tl_2010_19_unsd00.zip</a>
12/08/2010 10:34AM	2,746,092	<a href="#">tl_2010_19_unsd10.zip</a>

2010 Tract Boundary

Trusted sites 100%



FTP directory /geo/pvs/tiger2010st/19\_Iowa/ at ftp2.census.gov - Windows Internet Explorer

ftp://ftp2.census.gov/geo/pvs/tiger2010st/19\_Iowa/

Google Search

FTP directory /geo/pvs/tiger2010st/19\_Iowa/ at ftp2....

12/08/2010 10:31AM	Directory	<a href="#">19093</a>
12/08/2010 10:31AM	Directory	<a href="#">19095</a>
12/08/2010 10:31AM	Directory	<a href="#">19097</a>
12/08/2010 10:31AM	Directory	<a href="#">19099</a>
12/08/2010 10:31AM	Directory	<a href="#">19101</a>
12/08/2010 10:31AM	Directory	<a href="#">19103</a>
12/08/2010 10:31AM	Directory	<a href="#">19105</a>
12/08/2010 10:31AM	Directory	<a href="#">19107</a>
12/08/2010 10:31AM	Directory	<a href="#">19109</a>
12/08/2010 10:31AM	Directory	<a href="#">19111</a>
12/08/2010 10:31AM	Directory	<a href="#">19113</a>
12/08/2010 10:31AM	Directory	<a href="#">19115</a>
12/08/2010 10:31AM	Directory	<a href="#">19117</a>
12/08/2010 10:31AM	Directory	<a href="#">19119</a>
12/08/2010 10:31AM	Directory	<a href="#">19121</a>
12/08/2010 10:31AM	Directory	<a href="#">19123</a>
12/08/2010 10:31AM	Directory	<a href="#">19125</a>
12/08/2010 10:31AM	Directory	<a href="#">19127</a>
12/08/2010 10:31AM	Directory	<a href="#">19129</a>
12/08/2010 10:31AM	Directory	<a href="#">19131</a>
12/08/2010 10:31AM	Directory	<a href="#">19133</a>
12/08/2010 10:31AM	Directory	<a href="#">19135</a>
12/08/2010 10:30AM	Directory	<a href="#">19137</a>
12/08/2010 10:30AM	Directory	<a href="#">19139</a>
12/08/2010 10:30AM	Directory	<a href="#">19141</a>
12/08/2010 10:30AM	Directory	<a href="#">19143</a>
12/08/2010 10:30AM	Directory	<a href="#">19145</a>
12/08/2010 10:30AM	Directory	<a href="#">19147</a>
12/08/2010 10:30AM	Directory	<a href="#">19149</a>
12/08/2010 10:30AM	Directory	<a href="#">19151</a>
12/08/2010 10:30AM	Directory	<a href="#">19153</a>
12/08/2010 10:30AM	Directory	<a href="#">19155</a>
12/08/2010 10:30AM	Directory	<a href="#">19157</a>
12/08/2010 10:30AM	Directory	<a href="#">19159</a>
12/08/2010 10:30AM	Directory	<a href="#">19161</a>
12/08/2010 10:30AM	Directory	<a href="#">19163</a>
12/08/2010 10:30AM	Directory	<a href="#">19165</a>
12/08/2010 10:30AM	Directory	<a href="#">19167</a>
12/08/2010 10:30AM	Directory	<a href="#">19169</a>
12/08/2010 10:30AM	Directory	<a href="#">19171</a>
12/08/2010 10:30AM	Directory	<a href="#">19173</a>
12/08/2010 10:30AM	Directory	<a href="#">19175</a>
12/08/2010 10:30AM	Directory	<a href="#">19177</a>
12/08/2010 10:30AM	Directory	<a href="#">19179</a>
12/08/2010 10:30AM	Directory	<a href="#">19181</a>
12/08/2010 10:29AM	Directory	<a href="#">19183</a>
12/08/2010 10:29AM	Directory	<a href="#">19185</a>
12/08/2010 10:29AM	Directory	<a href="#">19187</a>
12/08/2010 10:29AM	Directory	<a href="#">19189</a>
12/08/2010 10:29AM	Directory	<a href="#">19191</a>
12/08/2010 10:29AM	Directory	<a href="#">19193</a>
12/08/2010 10:29AM	Directory	<a href="#">19195</a>
12/08/2010 10:29AM	Directory	<a href="#">19197</a>

Done

Trusted sites

100%

FTP directory /geo/pvs/tiger2010st/19\_Iowa/19153/ at ftp2.census.gov - Windows Internet Explorer

ftp://ftp2.census.gov/geo/pvs/tiger2010st/19\_Iowa/19153/

Google Search

FTP directory /geo/pvs/tiger2010st/19\_Iowa/19153/ ...

## FTP directory /geo/pvs/tiger2010st/19\_Iowa/19153/ at ftp2.census.gov

To view this FTP site in Windows Explorer, click **Page**, and then click **Open FTP Site in Windows Explorer**.

[Up to higher level directory](#)

12/08/2010 10:30AM	638,019	<a href="#">tl_2010_19153_addr.zip</a>
12/08/2010 10:30AM	331,749	<a href="#">tl_2010_19153_addrfn.zip</a>
12/08/2010 10:30AM	26,325	<a href="#">tl_2010_19153_arealm.zip</a>
12/08/2010 10:30AM	90,016	<a href="#">tl_2010_19153_areawater.zip</a>
12/08/2010 10:30AM	190,891	<a href="#">tl_2010_19153_bg00.zip</a>
12/08/2010 10:30AM	217,680	<a href="#">tl_2010_19153_bg10.zip</a>
12/08/2010 10:30AM	71,691	<a href="#">tl_2010_19153_cousub00.zip</a>
12/08/2010 10:30AM	72,530	<a href="#">tl_2010_19153_cousub10.zip</a>
12/08/2010 10:30AM	3,927,947	<a href="#">tl_2010_19153_edges.zip</a>
12/08/2010 10:30AM	2,949,900	<a href="#">tl_2010_19153_faces.zip</a>
12/08/2010 10:30AM	6,013	<a href="#">tl_2010_19153_facesah.zip</a>
12/08/2010 10:30AM	5,349	<a href="#">tl_2010_19153_facesal.zip</a>
12/08/2010 10:30AM	830,379	<a href="#">tl_2010_19153_featnames.zip</a>
12/08/2010 10:30AM	142,395	<a href="#">tl_2010_19153_linearwater.zip</a>
12/08/2010 10:30AM	26,376	<a href="#">tl_2010_19153_pointlm.zip</a>
12/08/2010 10:30AM	1,748,088	<a href="#">tl_2010_19153_roads.zip</a>
12/08/2010 10:30AM	1,786,859	<a href="#">tl_2010_19153_tabblock00.zip</a>
12/08/2010 10:30AM	2,543,494	<a href="#">tl_2010_19153_tabblock10.zip</a>
12/08/2010 10:30AM	101,515	<a href="#">tl_2010_19153_tract00.zip</a>
12/08/2010 10:30AM	120,770	<a href="#">tl_2010_19153_tract10.zip</a>
12/08/2010 10:30AM	166,615	<a href="#">tl_2010_19153_vtd00.zip</a>
12/08/2010 10:30AM	159,971	<a href="#">tl_2010_19153_vtd10.zip</a>

2010 Tract Boundary


Trusted sites 100%

2010 TIGER/Line Shapefiles Main Page - Windows Internet Explorer

http://www.census.gov/geo/www/tiger/tgrshp2010/tgrshp2010.html

U.S. Census Bureau

People | Business | Geography | Newsroom | Subjects A to Z | Search@Census



## 2010 Census TIGER/Line® Shapefiles

### TIGER Navigation

2010 CENSUS TIGER/LINE SHAPEFILES MAIN

- DOWNLOAD SHAPEFILES
- RELEASE SCHEDULE
- TECHNICAL DOCUMENTATION
- USER NOTES

PREVIOUS VERSIONS

- 2009 TIGER/LINE SHAPEFILES
- 2008 TIGER/LINE SHAPEFILES
- 2007 TIGER/LINE SHAPEFILES
- TIGER/LINE FILES

OTHER 2010 CENSUS GEOGRAPHIC PRODUCTS

GEOGRAPHY MAIN PAGE

### What are the TIGER/Line Shapefiles?

- 2010 extracts containing geographic and cartographic information from the Census Bureau's MAF/TIGER® (Master Address File/Topologically Integrated Geographic Encoding and Referencing) database.
- These files support the 2010 Census Redistricting Data (P. L. 94-171) release.
- The files provide the digital map base for a Geographic Information System or mapping software. The files do not contain any mapping software.
- All legal boundaries and names are as of January 1, 2010. 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.
- The geographic entity codes needed to link the Census Bureau's demographic data to the geography are included in the files. The TIGER/Line Shapefiles do not contain any demographic or economic data; data can be downloaded separately using [American FactFinder](#).

### 2010 Census Redistricting [P.L. 94-171] TIGER/Line Shapefiles

- 2010 Census Redistricting [P.L. 94-171] TIGER/Line Shapefiles may be obtained via the links below.
- [Shapefiles included in the Redistricting \[P.L. 94-171\] delivery](#)
- [More information about the Redistricting Program](#)

### Download

Download by type (all census tracts, all counties, etc.):

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

Download by state:

- [FTP site](#)

### Release Schedule

2010 TIGER/Line® Shapefiles - Windows Internet Explorer

← → ↻

CB http://www.census.gov/cgi-bin/geo/shapefiles2010/main

Google

Google

Search

+

+

+

Share

+

+

Bookmarks

Check

Translate

AutoFill

+

+

Sign In

Convert

Select

2010 TIGER/Line® Shapefiles

Page

Tools

U.S. Census Bureau

People | Business | Geography | Newsroom | Subjects A to Z | Search@Census

2010 TIGER/Line® Shapefiles

In response to customer requests, we have redesigned the download interface for the 2010 TIGER/Line Shapefiles. Select the layer you are interested in from the dropdown menu and click 'submit', and you will then see the geographic areas for which that layer is available.

Select a layer type

American Indian Area Geography

submit

Source: US Census Bureau, Geography Division

Documentation

- What files are available?
- Technical Documentation
- User Notes
- Access our FTP site for additional downloading options
- Shapefiles included in the 2010 Census Redistricting [P.L. 94-171] delivery

[2010 TIGER/Line Shapefiles Main](#)

U S C E N S U S B U R E A U  
Helping You Make Informed Decisions

Data Tools | Catalog | Census 2000 | Quality | Privacy Policy | Contact Us | Home

Done

Trusted sites

100%

2010 TIGER/Line® Shapefiles - Windows Internet Explorer

CB

http://www.census.gov/cgi-bin/geo/shapefiles2010/main

Google

Google

Search

+

+

+

Share

+

Bookmarks

Check

Translate

AutoFill

+

Sign In

Convert

Select

2010 TIGER/Line® Shapefiles

Page

Tools

U.S. Census Bureau

People | Business | Geography | Newsroom | Subjects A to Z | Search@Census

# 2010 TIGER/Line® Shapefiles

In response to customer requests, we have redesigned the download interface for the 2010 TIGER/Line Shapefiles. Select the layer you are interested in from the dropdown menu and click 'submit', and you will then see the geographic areas for which that layer is available.

## Select a layer type

American Indian Area Geography

submit

**Geographic Areas**

American Indian Area Geography

Blocks

Block Groups

**Census Tracts**

Congressional Districts

Consolidated Cities

Counties (and equivalent)

County Subdivisions

Places

School Districts

States (and equivalent)

State Legislative Districts

SubMinor Civil Divisions

Urban Growth Areas

Voting Districts

**Features**

All Lines

Landmarks

Roads

Water

**Feature Relationships**

Relationship Files

[2010 TIGER/Line Shapefiles Main](#)

### Documentation

- [What files are available?](#)
- [Technical Documentation](#)
- [User Notes](#)
- [Access our FTP site for additional downloading options](#)
- [Shapefiles included in the 2010 Census Redistricting \[P.L. 94-171\] delivery](#)

Data Tools | Catalog | Census 2000 | Quality | Privacy Policy | Contact Us | Home

Trusted sites 100%

2010 TIGER/Line® Shapefiles: Census Tracts - Windows Internet Explorer

CB

http://www.census.gov/cgi-bin/geo/shapefiles2010/layers.cgi

Google

Google

Search

Share

Bookmarks

Check

Translate

AutoFill

Sign In

Convert

Select

2010 TIGER/Line® Shapefiles: Census Tracts

Page

Tools

U.S. Census Bureau

People | Business | Geography | Newsroom | Subjects A to Z | Search@Census

2010 TIGER/Line® Shapefiles: Census Tracts

Return to: [Main Download Page](#) | [2010 TIGER/Line Shapefiles Main](#)

Census Tract (2010)

--Select a state--

Submit

Census Tract (2000)

--Select a state--

Submit

Source: US Census Bureau, Geography Division

U.S. CENSUS BUREAU

Helping You Make Informed Decisions

Data Tools | Catalog | Census 2000 | Quality | Privacy Policy | Contact Us | Home

Done

Trusted sites

100%



2010 TIGER/Line® Shapefiles: Census Tracts - Windows Internet Explorer

← →

CB http://www.census.gov/cgi-bin/geo/shapefiles2010/file-download

Google

Google

Search

+

+

+

Share

+

Bookmarks

Check

Translate

AutoFill

+

Sign In

Convert

Select

2010 TIGER/Line® Shapefiles: Census Tracts

Page

Tools

U.S. Census Bureau

People | Business | Geography | Newsroom | Subjects A to Z | Search@Census

2010 TIGER/Line® Shapefiles: Census Tracts

Return to: [Main Download Page](#) | [2010 TIGER/Line Shapefiles Main](#)

--Select a county--

Download

Source: US Census Bureau, Geography Division

U.S. CENSUS BUREAU  
Helping You Make Informed Decisions

Data Tools | Catalog | Census 2000 | Quality | Privacy Policy | Contact Us | Home

http://www.census.gov/cgi-bin/geo/shapefiles2010/file-download

Trusted sites

100%

2010 TIGER/Line® Shapefiles: Census Tracts - Windows Internet Explorer

http://www.census.gov/cgi-bin/geo/shapefiles2010/file-download

Google Search

Share Bookmarks Check Translate AutoFill Sign In Convert Select

2010 TIGER/Line® Shapefiles: Census Tracts

U.S. Census Bureau

People | Business | Geography | Newsroom | Subjects A to Z | Search@Census

## 2010 TIGER/Line® Shapefiles: Census Tracts

Return to: [Main Download Page](#) | [2010 TIGER/Line Shapefiles Main](#)

--Select a county-- Download

Source

- Madison County
- Mahaska County
- Marion County
- Marshall County
- Mills County
- Mitchell County
- Monona County
- Monroe County
- Montgomery County
- Muscatine County
- O'Brien County
- Osceola County
- Page County
- Palo Alto County
- Plymouth County
- Pocahontas County
- Polk County**
- Pottawattamie County
- Poweshiek County
- Ringgold County
- Sac County
- Scott County
- Shelby County
- Sioux County
- Story County
- Tama County
- Taylor County
- Union County
- Van Buren County
- Wapello County

U.S. Census Bureau  
Helping

Data Tools | Catalog | Census 2000 | Quality | Privacy Policy | Contact Us | Home

Trusted sites 100%



# American FactFinder



# What is the American FactFinder?

- A Data Access Website
- Searches by
  - Topics
  - Geographies
  - Population Groups
  - Industry Codes



# What is the American Factfinder?

- Provides quick access to data from
  - Decennial Census
  - American Community Survey
  - Population Estimates Program
  - Economic Census
  - Annual Economic Surveys





# For now, there are 2 AFFs

- The most current version is called American Fact Finder 2 (AFF2)
- Legacy data is being transitioned into AFF2
- Upon completion, AFF will go off-line



# How Do I Get to It?

- [factfinder2.census.gov](https://factfinder2.census.gov) or
- [www.census.gov](https://www.census.gov), and click on the American FactFinder Link

American FactFinder



[Newsroom](#)[Census Bureau Blogs](#)[Data Tools](#)[American FactFinder](#)[Jobs@Census](#)[Diversity@Census](#)[Catalog](#)[Publications](#)[Are You in a Survey?](#)[About the Bureau](#)[Regional Offices](#)[Doing Business with Us](#)[Related Sites](#)

## Section 203, Voting Rights

On Wednesday, Oct. 12, the U.S. Census Bureau will release of a list of jurisdictions that must provide language

[See More](#)

&lt; 1 2 3 4 5 6 &gt;



### People & Households

[2010 Census](#) | [2000 Census](#) · [American Community Survey](#) · [Estimates](#) · [Projections](#) · [Housing](#) · [Income](#) | [State Median Income](#) · [Poverty](#) · [Health Insurance](#) · [International](#) · [Genealogy](#) · [More](#)

### Business & Industry

[Economic Census](#) · [Get Help with Your Form](#) · [Economic Indicators](#) · [NAICS](#) · [Survey of Business Owners](#) · [Government](#) · [E-Stats](#) · [Foreign Trade](#) | [Export Codes](#) · [Local Employment Dynamics](#) · [More](#)

### Geography

[Maps](#) · [TIGER](#) · [Gazetteer](#) · [More](#)

### Newsroom

[Releases](#) · [Facts for Features](#) · [Product Schedule](#) · [Multimedia Gallery](#) · [Embargoed Releases](#) · [More](#)

### Special Topics

[Fraudulent Activity & Scams](#) · [Census Bureau Data and Emergency Preparedness](#) · [Events Calendar](#) · [Census In Schools](#) · [Training](#) · [Statistical Abstract](#) · [FedStats](#) · [USA.gov](#) · [Recovery Act at the Census Bureau](#)

## Data Finders

### Population Clocks

**U.S. 312,415,239**

World 6,968,168,130

18:42 UTC (EST+5) Oct 13, 2011

### 2010 Population Finder



Select a state to begin

Select a state

### Find An Area Profile with QuickFacts



Select a state to begin

Select a state

### Latest Economic Indicators

- [U.S. International Trade in Goods and Services](#)
- [Monthly Wholesale Trade: Sales and Inventories](#)

### Economic Indicators



Select an indicator

Select an indicator



***The NEW American FactFinder is now available!***

The transition from the legacy American FactFinder to the NEW American FactFinder will continue through the fall of 2011. Data on the legacy FactFinder will be moved to the NEW FactFinder in the coming months. [Frequently Asked Questions »](#)

The legacy American FactFinder will be discontinued in the fall of 2011.



for data from  
**Census 2010 and 2000**  
and the **2010 American Community Survey**  
go to  
**factfinder2.census.gov**



for data from the  
**2000-2009 American Community Survey,**  
the **Economic Census,**  
and **Population Estimates**  
go to  
**factfinder.census.gov**

[Learn more about the New American FactFinder](#)

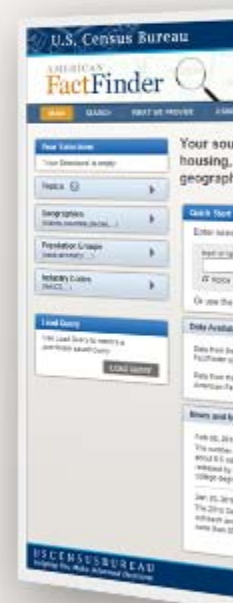
For information about the release of data  
from the 2010 Census, see the  
[2010 Census Data Products](#)  
[release schedule](#)



*The NEW American FactFinder is here!*

Learn more about the features and functions of the **NEW American FactFinder**.

- ▶ Download a brief **informational brochure** 
- ▶ Take a **Virtual Tour**
- ▶ View tutorials of American FactFinder's features and functions:
  - ▶ **Quick Start** 
  - ▶ **Topic Search**
  - ▶ **Search using Geographies, Population Groups and Industry Codes**
  - ▶ **Working with Search Results**
  - ▶ **Create a Map**
  - ▶ **Modify a Table**
  - ▶ **Accessing the 2010 Census Redistricting Data (P.L. 94-171) Summary File**
  - ▶ **Transpose Rows and Columns**
  - ▶ **Bookmark and Download**



A how-to guide for **Building Deep Links into the New American Factfinder**  is now available.

Please note that the current American FactFinder will be discontinued in the Fall of 2011. At that time, any deep links into the discontinued system will no longer work.

Subscribe to receive **email updates** about American FactFinder.



## Tutorials

Learn more about the features and functions of American FactFinder

Select a Tutorial:

Quick Start

Topic Search

Search using Geographies,  
Population Groups and  
Industry Codes

Working with Search  
Results

Create a Map

Modify a Table

Accessing the 2010  
Census Redistricting Data  
(P.L. 94-171) Summary File

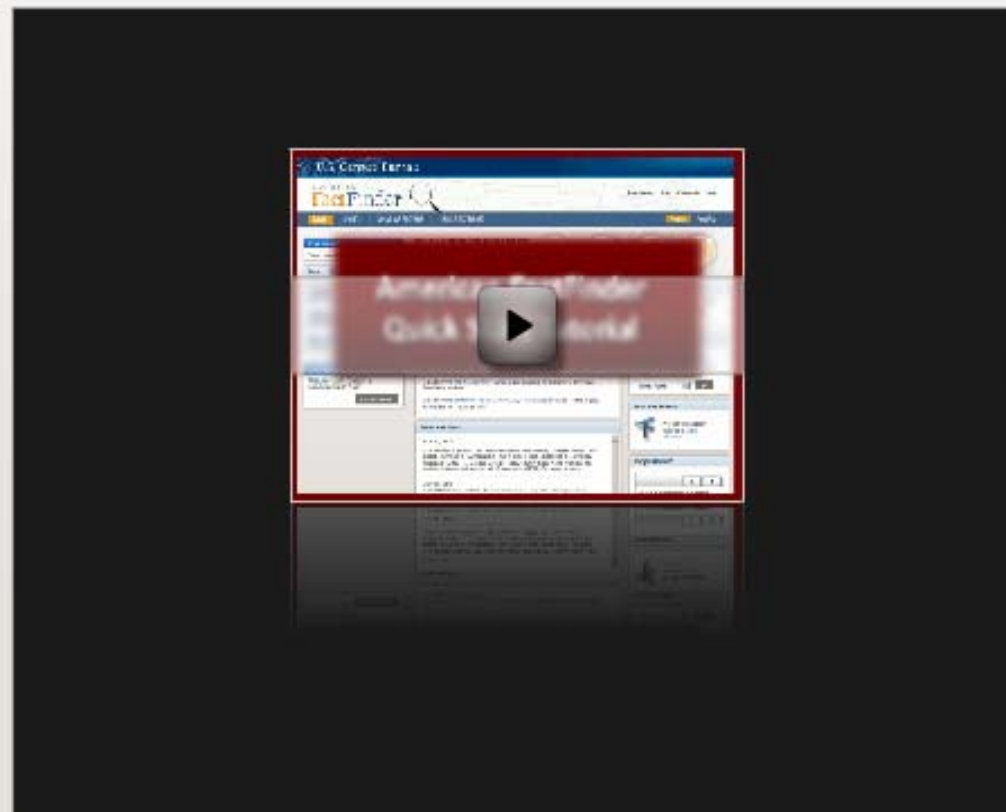
Transpose Rows and  
Columns

Bookmark and Download

### Tutorial 1: Quick Start

You must have the [Adobe Flash Player](#) plug-in installed to play this video.

[Video transcript »](#)



### Video Transcript:

- Welcome to the American FactFinder Quick Start Tutorial.



***The NEW American FactFinder is now available!***

The transition from the legacy American FactFinder to the NEW American FactFinder will continue through the fall of 2011. Data on the legacy FactFinder will be moved to the NEW FactFinder in the coming months. [Frequently Asked Questions »](#)

The legacy American FactFinder will be discontinued in the fall of 2011.



for data from  
**Census 2010 and 2000**  
and the **2010 American Community Survey**  
go to  
**factfinder2.census.gov**



for data from the  
**2000-2009 American Community Survey,**  
the **Economic Census,**  
and **Population Estimates**  
go to  
**factfinder.census.gov**

[Learn more](#) about the New American FactFinder

For information about the release of data  
from the 2010 Census, see the  
[2010 Census Data Products](#)  
[release schedule](#)

### Your Selections

"Your Selections" is empty

### Topics ?

### Geographies

(states, counties, places,...)

### Population Groups

(race, ancestry,...)

### Industry Codes

(NAICS,...)

### Legacy American FactFinder

The following data are available on the legacy American FactFinder System:

- 2007 Economic Census
- 2009 American Community Survey
- 2009 Population Estimates

### Load Query

Use Load Query to restore a previously saved query

[LOAD QUERY](#)

## Your source for population, housing, economic, and geographic data

The full set of **2010 ACS** products for all areas of 65,000 or more are now available in American FactFinder.

View [video tutorials](#) to help you get started using the NEW American FactFinder.

### Quick Start

Enter search term(s) and click 'GO' ?

topic or table name

geography (optional)

for

GO

☒ topics ☐ population groups ☐ industries

Or use the options on the left to begin your search

### News and Notes

[GET EMAIL UPDATES](#)

Sep 27, 2011

The Census Bureau released new information on same-sex couples from the 2010 Census including the number of married couples and a set of preferred estimates of same-sex spouses and unmarried partners at the national and state levels. These estimates were developed to account for data capture errors that make it difficult to measure same-sex couple households. Estimates from the 2010 American Community Survey (ACS), along with a brief analyzing the ACS estimates are available here [more »](#)

Sep 27, 2011

The full set of 2010 ACS products for all areas of 65,000 or more are now available [http://factfinder2.census.gov/bkmk/navigation/1.0/en/d\\_dataset:ACS\\_10\\_1YR](http://factfinder2.census.gov/bkmk/navigation/1.0/en/d_dataset:ACS_10_1YR)

Sep 22, 2011

The Census Bureau released all of the 2010 ACS 1-year estimates on Thursday, September 22. Due to a



### U.S. Population Clock

18:54 UTC (EST+5) Oct 13, 2011

**312,415,293**

[more population clocks](#)

### Reference Maps

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

United States

GO

### Address Search



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

### Did you know?



1,233 is the number of locations producing chocolate and cocoa products in 2007



**Search** - Use the options on the left (search, topics, geographies, ...) to find the data you're looking for

## Your Selections

"Your Selections" is empty

## Search within Results for...



## Topics ?

- ☒ People
- ☒ Housing
- ☒ Business and Industry
- ☒ Year
- ☒ Product Type
- ☒ Program
- ☒ Dataset

☐ Include archived products ?

## Geographies

(states, counties, places, ...)

## Population Groups

(race, ancestry, ...)

## Industry Codes

(NAICS, ...)

Search Results: 1-25 of 10,625

Selected:



View



Download



Compare



Clear All



	ID	Title	Dataset
<input type="checkbox"/>	DP-1	Profile of General Population and Housing Characteristics: 2010	2010 De
<input type="checkbox"/>	DP02	SELECTED SOCIAL CHARACTERISTICS IN THE UNITED STATES	2010 Ac
<input type="checkbox"/>	DP02PR	SELECTED SOCIAL CHARACTERISTICS IN PUERTO RICO	2010 Ac
<input type="checkbox"/>	DP03	SELECTED ECONOMIC CHARACTERISTICS	2010 Ac
<input type="checkbox"/>	DP04	SELECTED HOUSING CHARACTERISTICS	2010 Ac
<input type="checkbox"/>	DP05	ACS DEMOGRAPHIC AND HOUSING ESTIMATES	2010 Ac
<input type="checkbox"/>	QT-H1	General Housing Characteristics: 2010	2010 SF
<input type="checkbox"/>	QT-H2	Tenure, Household Size, and Age of Householder: 2010	2010 SF
<input type="checkbox"/>	QT-H3	Household Population and Household Type by Tenure: 2010	2010 SF
<input type="checkbox"/>	QT-P1	Age Groups and Sex: 2010	2010 SF
<input type="checkbox"/>	QT-P10	Hispanic or Latino by Type: 2010	2010 SF
<input type="checkbox"/>	QT-P11	Households and Families: 2010	2010 SF
<input type="checkbox"/>	QT-P12	Household Relationship and Group Quarters Population: 2010	2010 SF
<input type="checkbox"/>	QT-P13	Group Quarters Population by Sex, Age, and Type of Group Quarters: 2010	2010 SF
<input type="checkbox"/>	QT-P2	Single Years of Age and Sex: 2010	2010 SF
<input type="checkbox"/>	QT-P3	Race and Hispanic or Latino Origin: 2010	2010 SF
<input type="checkbox"/>	QT-P4	Race, Combinations of Two Races, and Not Hispanic or Latino: 2010	2010 SF
<input type="checkbox"/>	QT-P5	Race Alone or in Combination: 2010	2010 SF

**Search** - Use the options on the left (search, topics, geographies, ...) to find the data you're looking for

### Your Selections

"Your Selections" is empty

### Search within Results for...



### Topics ?

- ☒ People
- ☒ Housing
- ☒ Business and Industry
- ☒ Year
- ☒ Product Type
- ☒ Program
- ☒ Dataset

2010 ACS 1-year estimates (3,070)  
 2010 SF1 100% Data (467)  
 2010 Redistricting Data SF (PL 94-171) (27)  
 2010 Demographic Profile SF (3)  
 2010 National Redistricting Data SF (27)  
 2009 Business Patterns (14)  
 2009 Nonemployer Statistics (6)  
 2008 Business Patterns (14)  
 2008 Nonemployer Statistics (2)  
 2008 Population Estimates (35)  
 2007 Business Patterns (6)  
 2007 Nonemployer Statistics (2)

☐ Include archived products ?

### Geographies

(states, counties, places, ...)

### Population Groups

(race, ancestry, ...)

Search Results: 1-25 of 10,625

Selected:



View



Download



Compare



Clear All



	ID	Title	Dataset
<input type="checkbox"/>	DP-1	Profile of General Population and Housing Characteristics: 2010	2010 De
<input type="checkbox"/>	DP02	SELECTED SOCIAL CHARACTERISTICS IN THE UNITED STATES	2010 Ai
<input type="checkbox"/>	DP02PR	SELECTED SOCIAL CHARACTERISTICS IN PUERTO RICO	2010 Ai
<input type="checkbox"/>	DP03	SELECTED ECONOMIC CHARACTERISTICS	2010 Ai
<input type="checkbox"/>	DP04	SELECTED HOUSING CHARACTERISTICS	2010 Ai
<input type="checkbox"/>	DP05	ACS DEMOGRAPHIC AND HOUSING ESTIMATES	2010 Ai
<input type="checkbox"/>	QT-H1	General Housing Characteristics: 2010	2010 SF
<input type="checkbox"/>	QT-H2	Tenure, Household Size, and Age of Householder: 2010	2010 SF
<input type="checkbox"/>	QT-H2	Old Population and Household Type by Tenure: 2010	2010 SF
<input type="checkbox"/>	QT-P1	Age Groups and Sex: 2010	2010 SF
<input type="checkbox"/>	QT-P10	Hispanic or Latino by Type: 2010	2010 SF
<input type="checkbox"/>	QT-P11	Households and Families: 2010	2010 SF
<input type="checkbox"/>	QT-P12	Household Relationship and Group Quarters Population: 2010	2010 SF
<input type="checkbox"/>	QT-P13	Group Quarters Population by Sex, Age, and Type of Group Quarters: 2010	2010 SF
<input type="checkbox"/>	QT-P2	Single Years of Age and Sex: 2010	2010 SF
<input type="checkbox"/>	QT-P3	Race and Hispanic or Latino Origin: 2010	2010 SF
<input type="checkbox"/>	QT-P4	Race, Combinations of Two Races, and Not Hispanic or Latino: 2010	2010 SF
<input type="checkbox"/>	QT-P5	Race Alone or in Combination: 2010	2010 SF
<input type="checkbox"/>	QT-P6	Race Alone or in Combination and Hispanic or Latino: 2010	2010 SF



**Search** - Use the options on the left (search, topics, geographies, ...) to find the data you're looking for

**Your Selections**

Dataset:

2010 Redistricting Data SF (PL 94-171) [clear all selections](#)**Search within Results for...**

GO

**Topics ?**

- ☐ People
- ☐ Housing
- ☐ Year
- ☐ Product Type
- ☐ Document Type
- ☒ Dataset

- 2010 ACS 1-year estimates (3,070)
- 2010 SF1 100% Data (467)
- 2010 Demographic Profile SF (3)
- 2010 National Redistricting Data SF (27)
- 2009 Business Patterns (14)
- 2009 Nonemployer Statistics (6)
- 2008 Business Patterns (14)
- 2008 Nonemployer Statistics (2)
- 2008 Population Estimates (35)
- 2007 Business Patterns (6)
- 2007 Nonemployer Statistics (2)
- 2006 Business Patterns (6)
- 2006 Nonemployer Statistics (2)

☐ Include archived products ?**Geographies**

(states, counties, places, ...)

**Population Groups**

Note that 2010 Population Totals are included in most tables from the 2010 Redistricting Data.



View the 2010 Census Summary File 1 for detailed data on age, sex, households, families, the population in group quarters, and housing units. Also included are counts for many race and Hispanic or Latino categories. Data will be released on a state-by-state basis. Alabama and Hawaii has now been released.

[View Available Tables](#)

Currently, the 2010 Demographic Profile has been released for a limited number of geographies. Additional geographies will be available for the 2010 Demographic Profile later this summer.











All 2010 Census Products: Redistricting Data SF, National Redistricting SF, Demographic Profile SF, and Summary File 1 are available for the Census FTP site.

 [Census FTP site](#)**Search Results: 1-25 of 27**

per page: 25

Selected:  View  Download  Compare  Clear All ?

1 2

	ID	Title	Dataset	About
<input type="checkbox"/>	QT-PL	Race, Hispanic or Latino, Age, and Housing Occupancy: 2010	2010 Redistricting Data SF (PL 94-171)	
<input type="checkbox"/>	H1	OCCUPANCY STATUS	2010 Redistricting Data SF (PL 94-171)	
<input type="checkbox"/>	P1	RACE	2010 Redistricting Data SF (PL 94-171)	
<input type="checkbox"/>	P2	HISPANIC OR LATINO, AND NOT HISPANIC OR LATINO BY RACE	2010 Redistricting Data SF (PL 94-171)	
<input type="checkbox"/>	P3	RACE FOR THE POPULATION 18 YEARS AND OVER	2010 Redistricting Data SF (PL 94-171)	
<input type="checkbox"/>	P4	HISPANIC OR LATINO, AND NOT HISPANIC OR LATINO BY RACE FOR THE POPULATION 18 YEARS AND OVER	2010 Redistricting Data SF (PL 94-171)	
<input type="checkbox"/>	GCT-PL1	Race and Hispanic or Latino: 2010 - State -- Congressional District	2010 Redistricting Data SF (PL 94-171)	
<input type="checkbox"/>	GCT-PL1	Race and Hispanic or Latino: 2010 - State -- County / County Equivalent	2010 Redistricting Data SF (PL 94-171)	
<input type="checkbox"/>	GCT		2010 Redistricting Data SF (PL 94-171)	

**Search** - Use the options on the left (search, topics, geographies, ...) to find the data you're looking for

## Your Selections

Dataset:  
2010 Redistricting Data SF (PL 94-171) 

[clear all selections](#)

## Search within Results for...

## Topics

## Geographies

(states, counties, places, ...)

## Population Groups

(race, ancestry, ...)

## Industry Codes

(NAICS, ...)

expand



Note that 2010 Population Totals are included in most tables from the 2010 Redistricting Data.



Currently, the 2010 Demographic Profile has been released for a limited number of geographies. Additional geographies will be available for the 2010 Demographic Profile later this summer.



View the 2010 Census Su households, families, the p Also included are counts f categories. Data will be rel Hawaii has now been rele

[View Available Tables](#)



All 2010 Census Products: Demographic Profile SF, ar FTP site.

 [Census FTP site](#)

Search Results: 1-25 of 27

Selected:  View |  Download |  Compare | ☐ Clear All 

	ID	Title	Dat
<input type="checkbox"/>	QT-PL	Race, Hispanic or Latino, Age, and Housing Occupancy: 2010	201 171
<input type="checkbox"/>	H1	OCCUPANCY STATUS	201 171
<input type="checkbox"/>	P1	RACE	201 171
<input type="checkbox"/>	P2	HISPANIC OR LATINO, AND NOT HISPANIC OR LATINO BY RACE	201 171
<input type="checkbox"/>	P3	RACE FOR THE POPULATION 18 YEARS AND OVER	201 171
<input type="checkbox"/>	P4	HISPANIC OR LATINO, AND NOT HISPANIC OR LATINO BY RACE FOR THE POPULATION 18 YEARS AND OVER	201 171
<input type="checkbox"/>	GCT-PL1	Race and Hispanic or Latino: 2010 - State -- Congressional District	201 171



**Search** - Use the options on the left (search, topics, geographies, ...) to find the data you're looking for

## Your Selections

Dataset:

2010 Redistricting Data SF (PL 94-171)

[clear all selections](#)

## Search within Results for...

GO

## Topics ?

## Geographies

(states, counties, places, ...)

## Population Groups

(race, ancestry, ...)

## Industry Codes

(NAICS, ...)



Note that 2010 Population Totals are included in most tables from the 2010 Redistricting Data.



View the 2010 Census Su households, families, the p Also included are counts 1 categories. Data will be re Hawaii has now been rele  
[View Available Tables](#)

## Select Geographies

Currently, the 2010 Demographic Profile has been released for a limited additional geographies will be available for the later this summer.

Name

Address

Map

Enter a geography name or use the Geography Filter Options below:

Enter a geography name (Alabama, Marengo County, ...)

GO

?

## Your Geography Filters

'Your Geography Filters' is empty

## Geography Filter Options

### Geographic Type

State (53)

County (4,821)

City or Town (89,387)

Congressional District (2,214)

Census Tract (78,824)

Other (148,306)

### Summary Level

Within State

Geographic Component

Include in results:

☒ All geographies

☐ Individual geographies

☐ Groups of geographies

?

## Select geographies to add to Your Selections

Geography Results: 1-25 of 323,685

Selected:



Add



Check All



Clear All



	Geography Name	Geography Type	About
<input type="checkbox"/>	All States within United States	State	
<input type="checkbox"/>	Alabama	State	
<input type="checkbox"/>	Alaska	State	
<input type="checkbox"/>	Arizona	State	
<input type="checkbox"/>	Arkansas	State	
<input type="checkbox"/>	California	State	
<input type="checkbox"/>	Colorado	State	
<input type="checkbox"/>	Connecticut	State	

Topics ?

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

Population Groups  
(race, ancestry, ...)

Industry Codes  
(NAICS, ...)

name

Address

map

later this summer.

FTP site.

Enter a geography name or use the Geography Filter Options below:

Enter a geography name (Alabama, Marengo County, ...)
GO
?

Your Geography Filters

Geographic Type:  
Census Tract
clear all filters

Geography Filter Options

+ Within State
+ Within Region
+ Within Division
+ Within County
+ Type of County
+ Within Census Tract
+ Type of American Indian Area
+ Within American Indian Area
+ Type of Alaska Native Area
+ Within Alaska Native Area
+ Type of Native Hawaiian Area
+ Within Native Hawaiian Area
+ Within Combined Statistical Area
+ Type of Metropolitan Statistical Area/Micropolitan Statistical Area
+ Within Metropolitan Statistical Area/Micropolitan Statistical Area
+ Within Metropolitan Division

Include in results:

☒ All geographies
?
☐ Individual geographies
☐ Groups of geographies

☐ Show Geographic Components (e.g., urban, rural)

☒ Show most requested summary levels
?

Select geographies to add to Your Selections

Geography Results: 26-50 of 78,824

1 Selected:
Add
\$

	Geography Name	Geography Type	About
<input type="checkbox"/>	All Census Tracts within Missouri	Census Tract	
<input type="checkbox"/>	All Census Tracts within Montana	Census Tract	
<input type="checkbox"/>	All Census Tracts within Nebraska	Census Tract	
<input type="checkbox"/>	All Census Tracts within Nevada	Census Tract	
<input type="checkbox"/>	All Census Tracts within New Hampshire	Census Tract	
<input type="checkbox"/>	All Census Tracts within New Jersey	Census Tract	
<input type="checkbox"/>	All Census Tracts within New Mexico	Census Tract	
<input type="checkbox"/>	All Census Tracts within New York	Census Tract	
<input type="checkbox"/>	All Census Tracts within North Carolina	Census Tract	
<input type="checkbox"/>	All Census Tracts within North Dakota	Census Tract	
<input type="checkbox"/>	All Census Tracts within Ohio	Census Tract	
<input checked="" type="checkbox"/>	All Census Tracts within Oklahoma	Cen	
<input type="checkbox"/>	All Census Tracts within Oregon	Census Tract	
<input type="checkbox"/>	All Census Tracts within Pennsylvania	Census Tract	
<input type="checkbox"/>	All Census Tracts within Rhode Island	Census Tract	
<input type="checkbox"/>	All Census Tracts within South Carolina	Census Tract	
<input type="checkbox"/>	All Census Tracts within South Dakota	Census Tract	
<input type="checkbox"/>	All Census Tracts within Tennessee	Census Tract	



**Search** - Use the options on the left (search, topics, geographies, ...) to find the data you're looking for

## Your Selections

Dataset:  
2010 Redistricting Data SF (PL 94-171) ✕  
Census Tract  
All Census Tracts within Oklahoma ✕  
[clear all selections](#)



Note that 2010 Population Totals are included in most tables from the 2010 Redistricting Data.



View the 2010 Census Su households, families, the p Also included are counts f categories. Data will be re Hawaii has now been rele  
[View Available Tables](#)

## Search within Results for...

 [GO](#)

## Topics ?

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

## Population Groups (race, ancestry, ...)

## Industry Codes (NAICS, ...)

## Select Geographies

Currently, the 2010 Demographic Profile has been released for a limited additional geographies will be available for the later this summer.

Name Address Map

Enter a geography name or use the Geography Filter Options below:

[GO](#) ?

## Your Geography Filters

Geographic Type:  
Census Tract ✕  
[clear all filters](#)

## Geography Filter Options

- ☒ Within State
- ☒ Within Region
- ☒ Within Division
- ☒ Within County
- ☒ Type of County
- ☒ Within Census Tract
- ☒ Type of American Indian Area
- ☒ Within American Indian Area
- ☒ Type of Alaska Native Area
- ☒ Within Alaska Native Area
- ☒ Type of Native Hawaiian Area
- ☒ Within Native Hawaiian Area
- ☒ Within Combined Statistical Area

## Select geographies to add to Your Selections

Geography Results: 26-50 of 78,824


Selected: [Add](#) | ☒ [Check All](#) | ☐ [Clear All](#) | [Reset](#)

	Geography Name	Geography Type	About
<input type="checkbox"/>	<a href="#">All Census Tracts within Missouri</a>	Census Tract	
<input type="checkbox"/>	<a href="#">All Census Tracts within Montana</a>	Census Tract	
<input type="checkbox"/>	<a href="#">All Census Tracts within Nebraska</a>	Census Tract	
<input type="checkbox"/>	<a href="#">All Census Tracts within Nevada</a>	Census Tract	
<input type="checkbox"/>	<a href="#">All Census Tracts within New Hampshire</a>	Census Tract	
<input type="checkbox"/>	<a href="#">All Census Tracts within New Jersey</a>	Census Tract	
<input type="checkbox"/>	<a href="#">All Census Tracts within New Mexico</a>	Census Tract	
<input type="checkbox"/>	<a href="#">All Census Tracts within New York</a>	Census Tract	

**Search** - Use the options on the left (search, topics, geographies, ...) to find the data you're looking for

## Your Selections

Dataset:

2010 Redistricting Data SF (PL 94-171) 

Census Tract

All Census Tracts within Oklahoma 

[clear all selections](#)

## Search within Results for...

GO

## Topics ?

- ☒ People
- ☒ Housing
- ☒ Product Type
- ☒ Dataset

☐ Include archived products ?

## Geographies

(states, counties, places, ...)

## Population Groups

(race, ancestry, ...)

## Industry Codes

(NAICS, ...)



Note that 2010 Population Totals are included in most tables from the 2010 Redistricting Data.



View the 2010 Census SF households, families, the Also included are counts categories. Data will be re Hawaii has now been rel

[View Available Tables](#)



Currently, the 2010 Demographic Profile has been released for a limited number of geographies. Additional geographies will be available for the 2010 Demographic Profile later this summer.



All 2010 Census Products Demographic Profile SF, a FTP site.

 [Census FTP site](#)

## Search Results: 1-7 of 7

Selected:



View



Clear All



	ID	Title	Data
<input type="checkbox"/>	QT-PL	Race, Hispanic or Latino, Age, and Housing Occupancy: 2010	2010 171)
<input type="checkbox"/>	H1	OCCUPANCY STATUS	2010 171)
<input type="checkbox"/>	P1	RACE	2010 171)
<input type="checkbox"/>	P2	HISPANIC OR LATINO, AND NOT HISPANIC OR LATINO BY RACE	2010 171)
<input type="checkbox"/>	P3	RACE FOR THE POPULATION 18 YEARS AND OVER	2010 171)
<input type="checkbox"/>	P4	HISPANIC OR LATINO, AND NOT HISPANIC OR LATINO BY RACE FOR THE POPULATION 18 YEARS AND OVER	2010 171)
<input type="checkbox"/>	G001	GEOGRAPHIC IDENTIFIERS	2010 171)

**Results** - Click [Back to Search](#) to select other tables or geographies

[← BACK TO SEARCH](#)

P1

RACE

Universe: Total population ⓘ

2010 Census Redistricting Data (Public Law 94-171) Summary File

Table View 

Map View 

Actions:



[Modify Table](#)



[Bookmark](#)



[Print](#)



[Download](#)

 [View](#)

NOTE: For information on confidentiality protection, nonsampling error, and definitions, see <http://www.census.gov/prod/cen2010/pl94-171.pdf>

NOTE: Change to the [California](#), [Connecticut](#), [Mississippi](#), [New Hampshire](#), [Virginia](#), and [Washington](#) P. L. 94-171 Summary Files as delivered.

<< 1 - 18 of 1,046 >>

	Census Tract 3766, Adair County, Oklahoma	Census Tract 3767, Adair County, Oklahoma	Census Tract 3768, Adair County, Oklahoma	Census Tract 3769, Adair County, Oklahoma	Census Tract 3770, Adair County, Oklahoma	Census Tract 9556, Alfalfa County, Oklahoma	Census Tract 9557, Alfalfa County, Oklahoma	Census Tract 9560, Alfalfa County, Oklahoma	Census Tract 5876, Atoka County, Oklahoma	Census Tract 5877, Atoka County, Oklahoma	Census Tract 5878, Atoka County, Oklahoma	Census Tract 5879, Atoka County, Oklahoma	Census Tract 9516, Beaver County, Oklahoma	Census Tract 9517, Beaver County, Oklahoma
Total:	2,843	5,354	4,845	4,535	5,106	1,469	1,338	2,835	1,449	4,082	3,774	4,877	2,698	2,698
Population of one race:	2,554	4,702	4,270	4,081	4,691	1,434	1,316	2,772	1,336	3,717	3,557	4,563	2,593	2,593
White alone	1,770	2,927	1,684	1,551	1,825	1,374	1,269	2,399	1,047	2,833	3,029	3,551	2,099	2,099
Black or African American alone	2	22	8	13	10	7	8	214	29	267	7	226	30	30



## Download



Select a download format and click **OK**. 

### Database-compatible formats (data rows only)

☒ Comma delimited (.csv)

(.csv is compatible with spreadsheet programs such as Microsoft Excel)

### Presentation-ready formats

#### Orientation

☒ Portrait

☐ Landscape

☐ PDF

☐ Microsoft Excel (.xls)

☐ Rich Text Format

(.rtf)

#### Paper size

☒ 8 1/2" x 11"

☐ 8 1/2" x 14"

[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



## Download



Select a download format and click **OK**. 

### Database-compatible formats (data rows only)

☒ Comma delimited (.csv)

(.csv is compatible with spreadsheet programs such as Microsoft Excel)

### Presentation-ready formats

☐ PDF

☐ Microsoft Excel (.xls)

☐ Rich Text Format  
(.rtf)

☒ 8 1/2" x 11"

☐ 8 1/2" x 14"

Landscape

Click 'Download' to save the file to your computer.

Your file is complete.

DOWNLOAD

CANCEL

[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

## File Download



**Do you want to open or save this file?**



Name: DEC\_10\_PL\_P1.zip

Type: WinZip File

From: factfinder2.census.gov

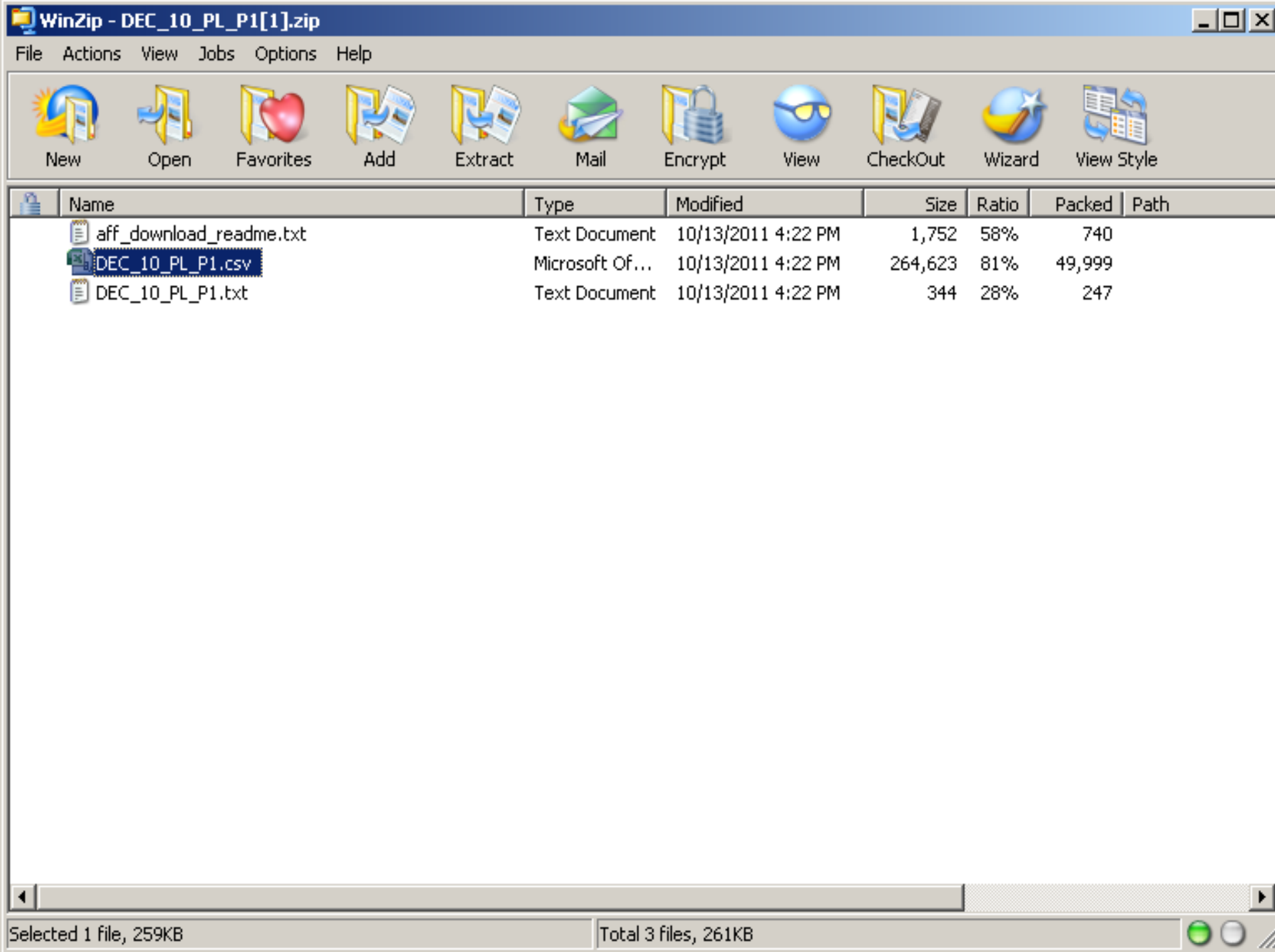
Open

Save

Cancel



While files from the Internet can be useful, some files can potentially harm your computer. If you do not trust the source, do not open or save this file. [What's the risk?](#)



	A	B	C	D	E	F	G	H	I	J	K	L	M
1				D001	D002	D003	D004	D005	D006	D007	D008	D009	D010
2				Total:	Total:	Total:	Total:	Total:	Total:	Total:	Total:	Total:	Total:
3				Populatio	Populatio	Populatio	Populatio	Populatio	Populatio	Populatio	Populatio	Two or Mc	Two or Mc
4	GEO.id	GEO.id2	GEO.display-label		White alo	Black or A	American	Asian alor	Native Ha	Some Other Race alc	Populatio f		
5	Id	Id2	Geography										
6	1400000US40001376600	40001376600	Census Tr	2843	2554	1770	2	749	11	0	22	289	280
7	1400000US40001376700	40001376700	Census Tr	5354	4702	2927	22	1593	96	0	64	652	643
8	1400000US40001376800	40001376800	Census Tr	4845	4270	1684	8	2487	1	1	89	575	554
9	1400000US40001376900	40001376900	Census Tr	4535	4081	1551	13	2216	19	0	282	454	444
10	1400000US40001377000	40001377000	Census Tr	5106	4691	1825	10	2778	3	0	75	415	409
11	1400000US40003955600	40003955600	Census Tr	1469	1434	1374	7	23	2	0	28	35	33
12	1400000US40003955700	40003955700	Census Tr	1338	1316	1269	8	29	3	0	7	22	16
13	1400000US40003956000	40003956000	Census Tr	2835	2772	2399	214	110	9	0	40	63	62
14	1400000US40005587600	40005587600	Census Tr	1449	1336	1047	29	252	1	1	6	113	109
15	1400000US40005587700	40005587700	Census Tr	4082	3717	2833	267	522	41	6	48	365	332
16	1400000US40005587800	40005587800	Census Tr	3774	3557	3029	7	479	10	0	32	217	215
17	1400000US40005587900	40005587900	Census Tr	4877	4563	3551	226	711	3	0	72	314	300
18	1400000US40007951600	40007951600	Census Tr	2698	2593	2099	30	32	4	0	428	105	98
19	1400000US40007951700	40007951700	Census Tr	1327	1291	1233	1	12	2	0	43	36	36
20	1400000US40007951800	40007951800	Census Tr	1611	1578	1332	13	17	1	0	215	33	33
21	1400000US40009966100	40009966100	Census Tr	7400	7166	6170	216	293	68	0	419	234	223
22	1400000US40009966200	40009966200	Census Tr	6970	6769	6128	136	177	43	1	284	201	194
23	1400000US40009966500	40009966500	Census Tr	1756	1713	1664	5	30	4	0	10	43	42
24	1400000US40009966800	40009966800	Census Tr	5993	5845	4843	519	115	63	1	304	148	146
25	1400000US40011958600	40011958600	Census Tr	1525	1496	1394	5	28	5	0	64	29	28
26	1400000US40011958700	40011958700	Census Tr	1737	1668	1368	0	257	2	0	41	69	69
27	1400000US40011958800	40011958800	Census Tr	1220	1189	1107	3	59	0	0	20	31	30
28	1400000US40011958900	40011958900	Census Tr	5524	5272	4151	290	335	17	3	476	252	230
29	1400000US40011959000	40011959000	Census Tr	1937	1866	1498	15	271	2	0	80	71	63

# Alright, now what?

- The data are now in a “spreadsheet” format
- We need a “database” format
- Changes are necessary to make the data “GIS Ready”





# Making the Data “GIS Ready”

1. Save a copy of data in a spreadsheet format
  - Retain column header/description
2. Ensure only 1 unique column header
3. Ensure GEOID field is accurate





# SF1 Data

2010 Census - Windows Internet Explorer

http://2010.census.gov/2010census/

Google Search More >> Sign In

2010 Census

United States Census 2010 IT'S IN OUR HANDS

2010 Census Home Press & Media Partners

ABOUT DATA CONNECT MULTIMEDIA

Search Go

Director's Blog

Census Bureau Director Robert Groves offers his unique perspective on Census operations, survey methodology and the world of statistics.

See More

1 2 3 4 5

10 QUESTIONS. MINUTES. MAKE A DIFFERENCE. MAKE HISTORY.

News Feed

Twitter

Older women less likely to live alone now than a generation ago <http://t.co/2WcaEV3S>  
November 03, 2011

Twitter

Happy #VeteransDay: The number of military veterans in the U.S. in 2010 was 21.8 million, according to the ACS. <http://t.co/M1NVrAOV>  
November 02, 2011

2010 Census: District of Columbia Profile

Population by Sex and Age

Total Population: 601,723

85+ Years

20 30 40 50 60 70 80

2010 Census: State Population Profile Maps

View detailed population and housing data from the 2010 Census for each state. Each map includes a pie chart showing population by race, a population pyramid, and a bar chart illustrating housing occupancy rates.

See More

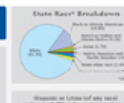
http://2010.census.gov/2010census/data/

Unknown Zone (Mixed) 100%

## Explore the 2010 Census Form

VIEW 2010 CENSUS DATA  
AMERICAN  
**FactFinder**

Population Density by Census Tract



Index of /census\_2010/04-Summary\_File\_1 - Windows Internet Explorer

http://www2.census.gov/census\_2010/04-Summary\_File\_1/

Google Search More >> Sign In

U.S. Census Bureau

People | Business | Geography | Newsroom | Subjects A to Z | Search@Census

Name	Last modified	Size	Description
<a href="#">Parent Directory</a>		-	
<a href="#">OHowToUseMSAccessWithSummaryFile1.pdf</a>	30 Jun-2011 15:58	1.3M	
<a href="#">OREADME_SF1_v2.doc</a>	30 Jun-2011 14:54	128K	
<a href="#">OREADME_SF1_v2.pdf</a>	30-Jun-2011 14:55	467K	
<a href="#">Alabama/</a>	07-Jul-2011 08:53	-	
<a href="#">Alaska/</a>	07-Jul-2011 08:53	-	
<a href="#">Arizona/</a>	21-Jul-2011 00:01	-	
<a href="#">Arkansas/</a>	11-Aug-2011 00:01	-	
<a href="#">California/</a>	07-Jul-2011 08:54	-	
<a href="#">Colorado/</a>	07-Jul-2011 08:54	-	
<a href="#">Connecticut/</a>	07-Jul-2011 08:54	-	
<a href="#">Delaware/</a>	07-Jul-2011 08:54	-	
<a href="#">District_of_Columbia/</a>	18-Aug-2011 00:01	-	
<a href="#">Florida/</a>	18-Aug-2011 00:01	-	
<a href="#">Georgia/</a>	21-Jul-2011 13:47	-	
<a href="#">Hawaii/</a>	07-Jul-2011 08:55	-	
<a href="#">Idaho/</a>	28-Jul-2011 00:01	-	
<a href="#">Illinois/</a>	04-Aug-2011 00:01	-	
<a href="#">Indiana/</a>	04-Aug-2011 00:01	-	
<a href="#">Iowa/</a>	11-Aug-2011 00:01	-	
<a href="#">Kansas/</a>	07-Jul-2011 08:55	-	
<a href="#">Kentucky/</a>	21-Jul-2011 13:47	-	
<a href="#">Louisiana/</a>	11-Aug-2011 00:01	-	
<a href="#">Maine/</a>	21-Jul-2011 13:47	-	
<a href="#">Maryland/</a>	11-Aug-2011 00:01	-	
<a href="#">Massachusetts/</a>	18-Aug-2011 00:01	-	

Done Trusted sites 100%

Index of /census\_2010/04-Summary\_File\_1 - Windows Internet Explorer

http://www2.census.gov/census\_2010/04-Summary\_File\_1/

Google Search More >> Sign In

Index of /census\_2010/04-Summary\_File\_1

<a href="#">Minnesota/</a>	21-Jul-2011 00:01	-
<a href="#">Mississippi/</a>	25-Aug-2011 00:01	-
<a href="#">Missouri/</a>	28-Jul-2011 00:01	-
<a href="#">Montana/</a>	21-Jul-2011 00:01	-
<a href="#">National/</a>	27-Oct-2011 00:01	-
<a href="#">Nebraska/</a>	07-Jul-2011 08:55	-
<a href="#">Nevada/</a>	04-Aug-2011 00:01	-
<a href="#">New_Hampshire/</a>	21-Jul-2011 13:47	-
<a href="#">New_Jersey/</a>	11-Aug-2011 00:01	-
<a href="#">New_Mexico/</a>	25-Aug-2011 00:01	-
<a href="#">New_York/</a>	21-Jul-2011 00:01	-
<a href="#">North_Carolina/</a>	07-Jul-2011 08:55	-
<a href="#">North_Dakota/</a>	25-Aug-2011 00:01	-
<a href="#">Ohio/</a>	28-Jul-2011 00:01	-
<a href="#">Oklahoma/</a>	21-Jul-2011 00:01	-
<a href="#">Oregon/</a>	04-Aug-2011 00:01	-
<a href="#">Pennsylvania/</a>	07-Jul-2011 08:56	-
<a href="#">Puerto_Rico/</a>	21-Jul-2011 13:47	-
<a href="#">Rhode_Island/</a>	25-Aug-2011 00:01	-
<a href="#">SF1_Access2007.acbdb</a>	30-Jun-2011 16:04	4.5M
<a href="#">SF1_Access2007.acbdb</a>	30-Jun-2011 16:03	4.6M
<a href="#">South_Carolina/</a>	22-Aug-2011 11:00	-
<a href="#">South_Dakota/</a>	04-Aug-2011 00:01	-
<a href="#">Tennessee/</a>	25-Aug-2011 00:01	-
<a href="#">Texas/</a>	11-Aug-2011 00:01	-
<a href="#">Utah/</a>	28-Jul-2011 00:01	-
<a href="#">Vermont/</a>	21-Jul-2011 00:01	-
<a href="#">Virginia/</a>	21-Jul-2011 13:48	-
<a href="#">Washington/</a>	04-Aug-2011 00:01	-
<a href="#">West_Virginia/</a>	28-Jul-2011 00:01	-
<a href="#">Wisconsin/</a>	28-Jul-2011 00:01	-

Done Trusted sites 100%



Index of /census\_2010/04-Summary\_File\_1/Oklahoma - Windows Internet Explorer





http://www2.census.gov/census\_2010/04-Summary\_File\_1/Oklahoma/

Google Search More >> Sign In

Index of /census\_2010/04-Summary\_File\_1/Oklahoma

U.S. Census Bureau

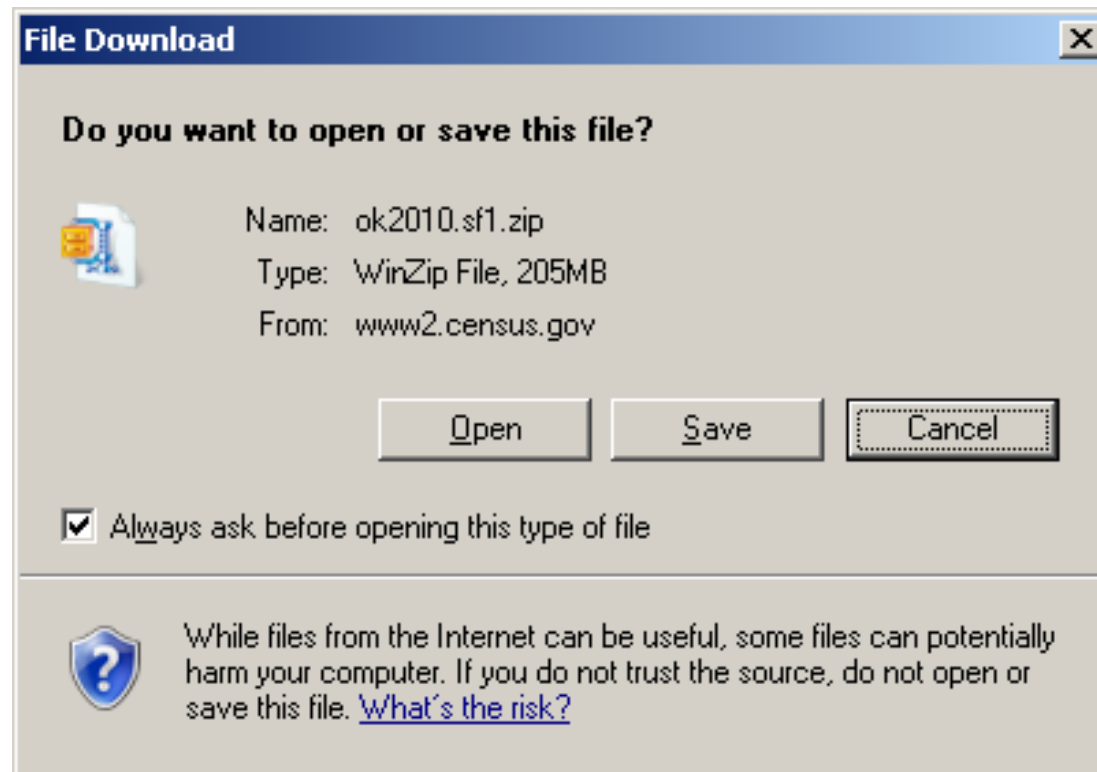
People | Business | Geography | Newsroom | Subjects A to Z | Search@Census

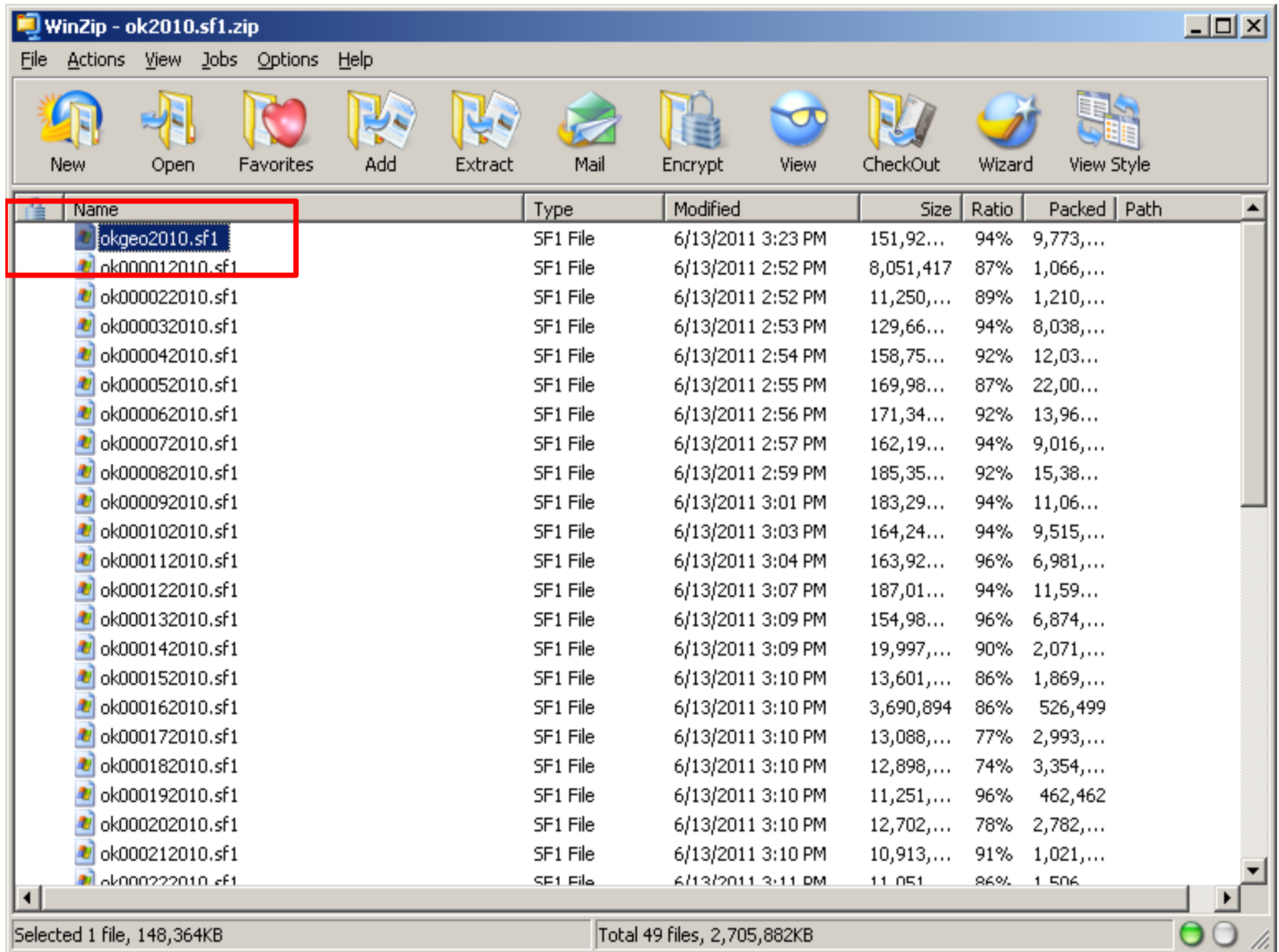
Name	Last modified	Size	Description
 <a href="#">Parent Directory</a>		-	
 <a href="#">0README_SF1_v2.doc</a>	21-Jul-2011 00:01	128K	
 <a href="#">0README_SF1_v2.pdf</a>	21-Jul-2011 00:01	467K	
 <a href="#">ok2010.sf1.zip</a>	21-Jul-2011 00:01	205M	

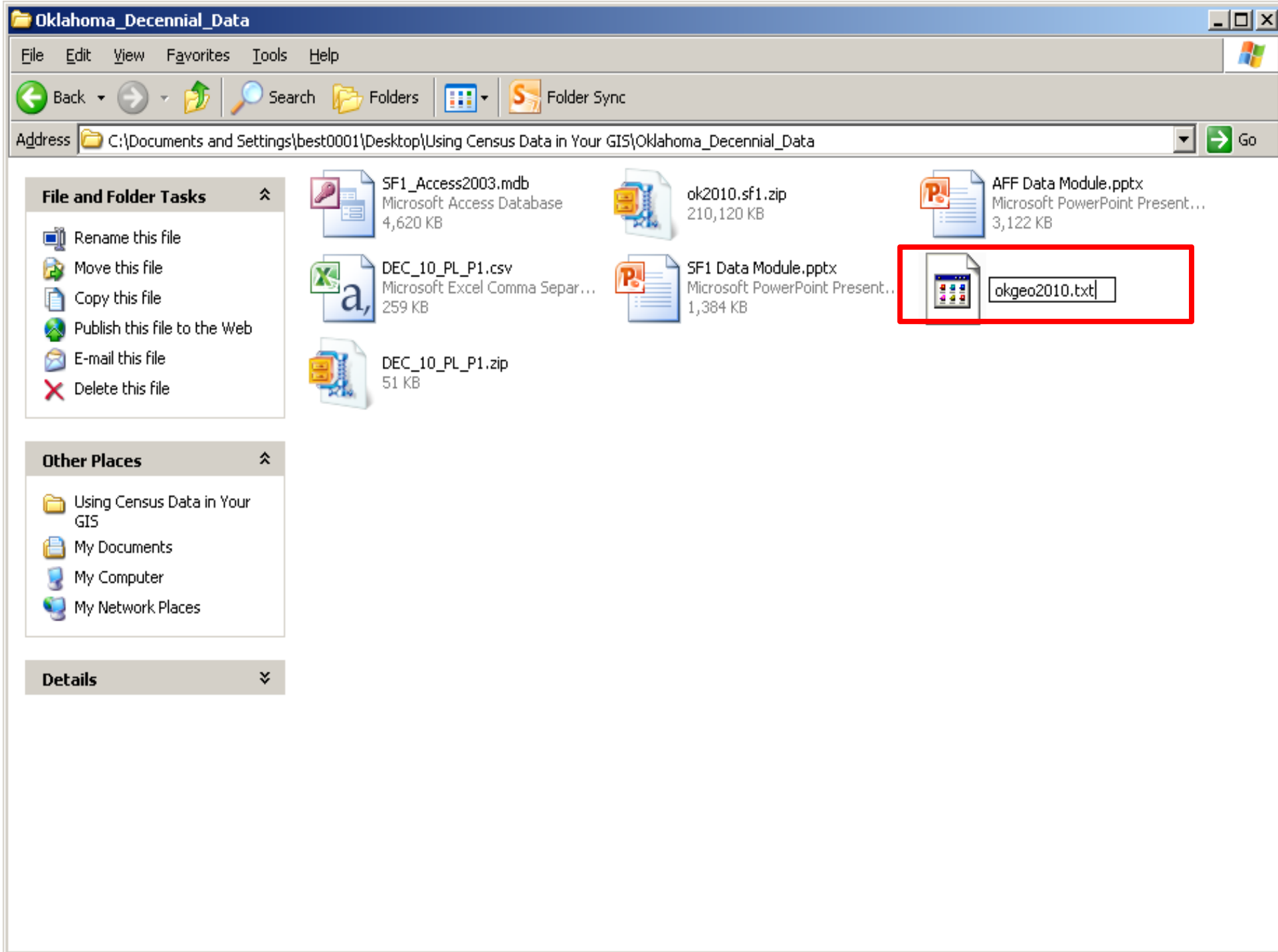
U.S. CENSUS BUREAU  
Helping You Make Informed Decisions

Privacy Policy | 2010 Census | Data Tools | Information Quality | Product Catalog | Contact Us | Home

Done Trusted sites 100%







Census Bureau Home Page - Windows Internet Explorer

http://www.census.gov/

Google Search

Sign In

Census Bureau Home Page

# U.S. Census Bureau

FAQs Subjects A to Z Help

SEARCH: summary file 1 **GO**

**Data Finders**

**Population Clocks**  
**U.S. 312,552,008**  
World 6,972,758,296  
12:26 UTC (EST+5) Nov 04, 2011

**2010 Population Finder**  
Select a state to begin  
Select a state

**Find An Area Profile with QuickFacts**  
Select a state to begin  
Select a state

**Latest Economic Indicators**  
• [Manufacturers' Shipments, Inventories, and Orders](#)  
• [Housing Vacancies and Homeownership](#)

**Economic Indicators**  
Select an indicator  
Select an indicator

**Newsroom**  
[Releases](#) • [Facts for Features](#) • [Product Schedule](#) • [Multimedia Gallery](#) • [Embargoed Releases](#) • [More](#)

**Special Topics**  
[Fraudulent Activity & Scams](#) • [Census Bureau Data and Emergency Preparedness](#) • [Events Calendar](#) • [Census In Schools](#) • [Training](#) • [Statistical Abstract](#) • [FedStats](#) • [USA.gov](#) • [Recovery Act at the Census Bureau](#)

**People & Households**  
[2010 Census](#) | [2000 Census](#) • [American Community Survey](#) • [Estimates](#) • [Projections](#) • [Housing](#) • [Income](#) | [State Median Income](#) • [Poverty](#) • [Health Insurance](#) • [International](#) • [Genealogy](#) • [More](#)

**Business & Industry**  
[Economic Census](#) • [Get Help with Your Form](#) • [Economic Indicators](#) • [NAICS](#) • [Survey of Business Owners](#) • [Government](#) • [E-Stats](#) • [Foreign Trade](#) | [Export Codes](#) • [Local Employment Dynamics](#) • [More](#)

**Geography**  
[Maps](#) • [TIGER](#) • [Gazetteer](#) • [More](#)

**A Look at American Households**  
Census Bureau Director Robert Groves discusses how American households are changing on C-SPAN's Washington Journal.  
[See More](#)

**Related Sites**  
[Newsroom](#)  
[Census Bureau Blogs](#)  
[Data Tools](#)  
[American FactFinder](#)  
[Jobs@Census](#)  
[Diversity@Census](#)  
[Catalog](#)  
[Publications](#)  
[Are You in a Survey?](#)  
[About the Bureau](#)  
[Regional Offices](#)  
[Doing Business with Us](#)  
[Related Sites](#)

Accessibility Information Quality FOIA Data Protection & Privacy Policy | U.S. Dept of Commerce

Trusted sites 100%



Search Results: summary file 1 - Windows Internet Explorer

http://search.census.gov/search?q=summary+file+1&entqr=0&ud=1&output=xml\_no\_dtd&oe=UTF-8&ie=UTF-8&client=default\_frontend&proxystylesheet=default\_frontend&sit

Google Search More >> Sign In

Search Results: summary file 1

U.S. Census Bureau

People | Business | Geography | Newsroom | Subjects A to Z | Search@Census

Search@Census

summary file 1 Search

**Search** Results 1 - 10 of about 35900 for **summary file 1**. Search took 0.04 seconds.

[Next >](#) [Sort by date](#) / Sort by relevance

Suggested

[Newsroom: 2010 Census: 2010 Census Summary File 1 ...](#)  
... BY RSS: What's this? XML 2010 Census. FOR IMMEDIATE RELEASE:  
THURSDAY, OCT. 27, 2011. 2010 Census **Summary File 1** National Update. ...  
[www.census.gov/newsroom/releases/archives/2010\\_census/cb11-tps35.html](http://www.census.gov/newsroom/releases/archives/2010_census/cb11-tps35.html) - 15k - [Cached](#)

[Newsroom: 2010 Census: Media Advisory — Census Bureau ...](#)  
... 26, 2011. Media Advisory — Census Bureau to Hold Webinar Prior to  
Release of 2010 Census **Summary File 1** for States. ...  
[www.census.gov/newsroom/releases/archives/2010\\_census/cb11-cn148.html](http://www.census.gov/newsroom/releases/archives/2010_census/cb11-cn148.html) - 16k - [Cached](#)  
[ [More results from www.census.gov/newsroom/releases/archives](#) ]

[Census 2000: Summary File 1](#)  
... Link to Census 2000 Gateway, **Summary File 1** (SF 1). ... **Summary File 1** detailed  
tables are identified according to geographic coverage: ...  
[www.census.gov/census2000/sumfile1.html](http://www.census.gov/census2000/sumfile1.html) - 16k - [Cached](#)

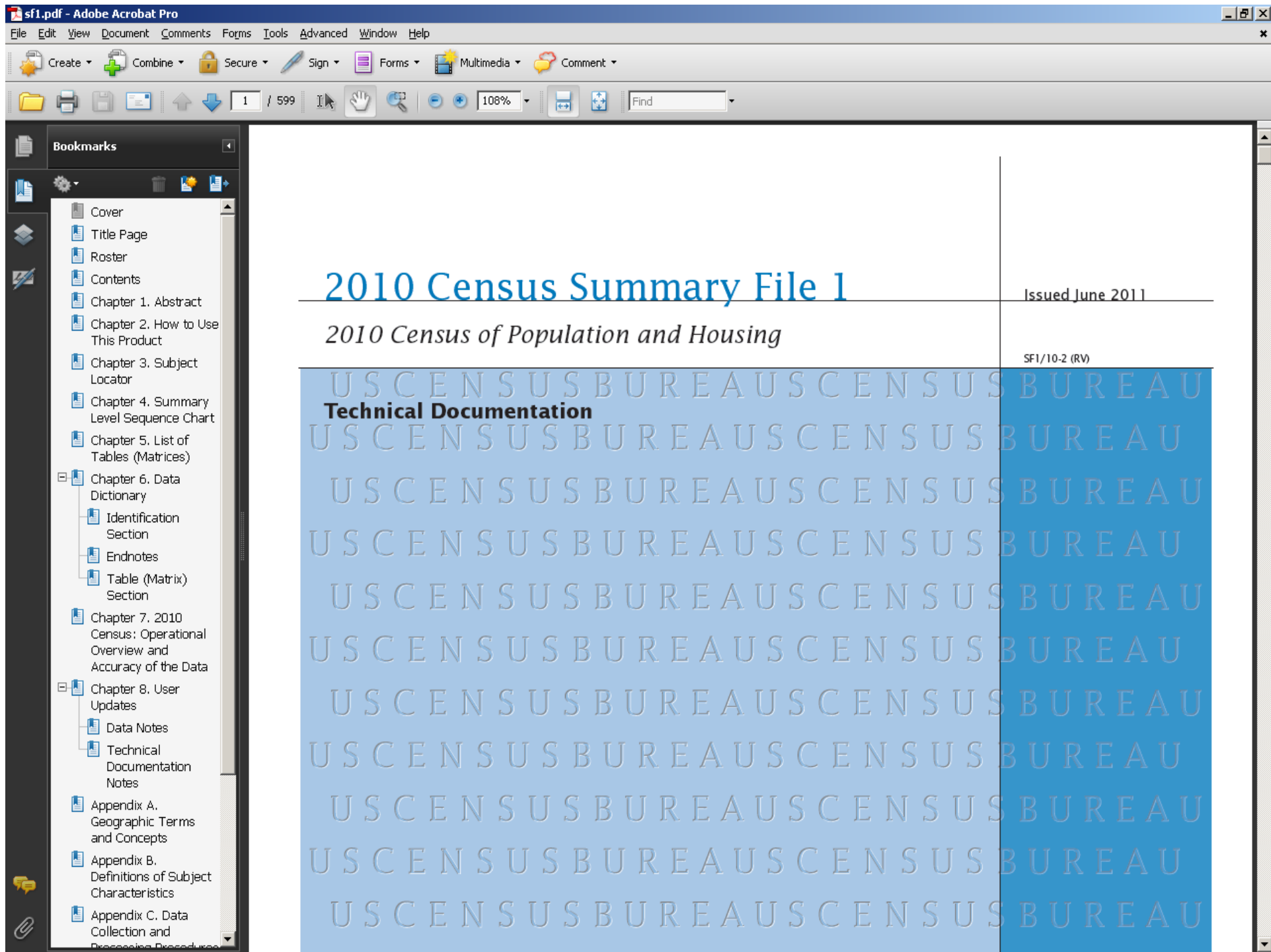
[PDF] [Product Profile: 2002](#)  
Page 1. Census 2000 **Summary File 1** Product Profile [www.census.gov](http://www.census.gov) 1 ... Figure  
1. Census 2000 Gateway Census 2000 **Summary File 1** Page 2. ...  
[www.census.gov/prod/2003pubs/prodpr02-2.pdf](http://www.census.gov/prod/2003pubs/prodpr02-2.pdf) - 2003-07-18 - [Text Version](#)

[PDF] [Product Profile: 2003](#)  
... **Summary Files 1** and 2, with data based on the short-form questions.  
**Summary File 1** provided these data down to the level of ...  
[www.census.gov/prod/2003pubs/prodpr03-1.pdf](http://www.census.gov/prod/2003pubs/prodpr03-1.pdf) - 2003-07-18 - [Text Version](#)  
[ [More results from www.census.gov/prod/2003pubs](#) ]

[PDF] [2010 Census Summary File 1](#)  
2010 Census **Summary File 1** 2010 Census of Population and Housing ... 2010  
Census **Summary File 1** 2010 Census of Population and Housing ...  
[www.census.gov/prod/cen2010/doc/sf1.pdf](http://www.census.gov/prod/cen2010/doc/sf1.pdf) - 2011-07-11 - [Text Version](#)

[PDF] [2000 Summary File 2](#)

Trusted sites 100%



# Mapping the Data

# Mapping the Data

- Remember, GEOID is the Key!!
- Open the Shapefile and join to the Access Table



# Geographic Contact Information

Craig Best

Supervisory Geographer

US Census Bureau

1211 N 8<sup>th</sup> St, Kansas City, KS 66101

913-551-6833

[craig.duane.best@census.gov](mailto:craig.duane.best@census.gov)

